

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
 Data File : BM020790.D
 Acq On : 07 Jun 2019 07:14
 Operator : HP/JU
 Sample : K3201-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.046	6	10	31	rVB	12921280	15461567	81.66%	4.927%
2	5.810	474	480	488	rVB2	202408	332277	1.75%	0.106%
3	6.975	670	678	695	rVB	1707236	2859227	15.10%	0.911%
4	7.151	701	708	720	rBV	1377251	2208153	11.66%	0.704%
5	7.345	733	741	750	rVV	1798640	2883833	15.23%	0.919%
6	7.810	810	820	827	rBV	1518826	2441036	12.89%	0.778%
7	8.510	932	939	947	rVV	1897711	3064089	16.18%	0.976%
8	8.975	1011	1018	1023	rVV	1777571	2918232	15.41%	0.930%
9	9.022	1023	1026	1031	rVV	230220	330636	1.75%	0.105%
10	9.686	1130	1139	1151	rBV	1496443	2527910	13.35%	0.806%
11	10.222	1216	1230	1239	rBV	2387727	4037452	21.32%	1.287%
12	10.604	1283	1295	1300	rBV	2209179	3728940	19.69%	1.188%
13	10.651	1300	1303	1311	rVB	303717	487425	2.57%	0.155%
14	10.745	1311	1319	1340	rBV	1377617	2554149	13.49%	0.814%
15	13.768	1827	1833	1838	rBV	240622	416231	2.20%	0.133%
16	13.863	1844	1849	1853	rVV	4254630	5891880	31.12%	1.878%
17	13.910	1853	1857	1864	rVV	1567734	2146847	11.34%	0.684%
18	14.145	1890	1897	1913	rVB	4670135	7577101	40.02%	2.415%
19	14.451	1939	1949	1955	rBV2	3261402	4981206	26.31%	1.587%
20	14.510	1955	1959	1967	rVB	602639	962559	5.08%	0.307%
21	14.645	1976	1982	1993	rBV	1300651	1975862	10.44%	0.630%
22	14.845	2012	2016	2024	rVV	467368	784746	4.14%	0.250%
23	15.239	2075	2083	2086	rBV3	182880	336332	1.78%	0.107%
24	15.445	2109	2118	2123	rVV	5700090	8074344	42.64%	2.573%
25	15.498	2123	2127	2134	rVV2	685754	978157	5.17%	0.312%
26	15.562	2134	2138	2145	rVV	975701	1442396	7.62%	0.460%
27	15.792	2172	2177	2185	rVB	350728	585048	3.09%	0.186%
28	15.939	2197	2202	2209	rVB	323290	620845	3.28%	0.198%
29	16.168	2234	2241	2247	rVB7	225444	513213	2.71%	0.164%
30	16.498	2286	2297	2302	rBV5	279240	799577	4.22%	0.255%
31	16.727	2328	2336	2339	rBV3	266523	528997	2.79%	0.169%
32	16.851	2352	2357	2364	rVB	557327	836255	4.42%	0.267%
33	16.927	2364	2370	2371	rBV	268503	378578	2.00%	0.121%
34	17.015	2380	2385	2393	rVB	437554	693502	3.66%	0.221%

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35	17.086	2393	2397	2404	rBV4	249069	384314	2.03%	0.122%
36	17.198	2411	2416	2419	rVV	3505133	5010845	26.46%	1.597%
37	17.239	2419	2423	2428	rVV	8149565	11401936	60.22%	3.634%
38	17.298	2428	2433	2436	rVV	5442189	7870124	41.56%	2.508%
39	17.327	2436	2438	2443	rVV	1584859	2028540	10.71%	0.646%
40	17.380	2443	2447	2453	rVB3	162009	324355	1.71%	0.103%
41	17.598	2473	2484	2496	rBV2	767211	1810540	9.56%	0.577%
42	17.715	2501	2504	2510	rVV2	224778	311319	1.64%	0.099%
43	17.774	2510	2514	2521	rVB4	219975	344828	1.82%	0.110%
44	18.092	2560	2568	2570	rVV2	2879631	5693472	30.07%	1.814%
45	18.115	2570	2572	2578	rVV	2140891	2848449	15.04%	0.908%
46	18.198	2582	2586	2591	rVV	655872	960919	5.07%	0.306%
47	18.262	2591	2597	2601	rVV2	1720325	3327348	17.57%	1.060%
48	18.298	2601	2603	2609	rVB	1015960	1311668	6.93%	0.418%
49	18.380	2613	2617	2621	rBV2	321521	480752	2.54%	0.153%
50	18.574	2645	2650	2653	rVV	1009836	1398934	7.39%	0.446%
51	18.615	2653	2657	2663	rVV	989625	1435897	7.58%	0.458%
52	18.815	2687	2691	2695	rVV	524080	723024	3.82%	0.230%
53	18.868	2696	2700	2703	rVV	346130	498626	2.63%	0.159%
54	18.903	2703	2706	2710	rVB2	358314	440644	2.33%	0.140%
55	18.986	2715	2720	2726	rBV	937441	1798157	9.50%	0.573%
56	19.080	2734	2736	2739	rVB	357798	342190	1.81%	0.109%
57	19.133	2740	2745	2752	rVB2	841259	1454880	7.68%	0.464%
58	19.256	2760	2766	2772	rVB	13496290	17987637	95.00%	5.732%
59	19.315	2772	2776	2779	rBV2	300802	378724	2.00%	0.121%
60	19.368	2779	2785	2788	rBV3	1323577	2034993	10.75%	0.649%
61	19.497	2804	2807	2810	rVB	307475	357200	1.89%	0.114%
62	19.586	2817	2822	2825	rBV2	7329324	11686165	61.72%	3.724%
63	19.621	2825	2828	2835	rVV	11390382	14634379	77.29%	4.664%
64	19.686	2835	2839	2846	rVB3	876284	1329132	7.02%	0.424%
65	19.797	2853	2858	2863	rBV	674480	965637	5.10%	0.308%
66	19.850	2864	2867	2872	rVB4	390900	589673	3.11%	0.188%
67	19.939	2876	2882	2889	rBV5	1136949	3052918	16.12%	0.973%
68	20.074	2900	2905	2907	rBV4	715038	1334421	7.05%	0.425%
69	20.109	2908	2911	2916	rVB	1687229	2407440	12.71%	0.767%
70	20.209	2924	2928	2932	rBV	858120	1099329	5.81%	0.350%
71	20.268	2932	2938	2942	rVV2	1289049	2156576	11.39%	0.687%

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72	20.309	2942	2945	2948	rVB	374240	409690	2.16%	0.131%
73	20.350	2948	2952	2957	rBV3	328572	493703	2.61%	0.157%
74	20.409	2958	2962	2965	rBV	864963	1133131	5.98%	0.361%
75	20.456	2965	2970	2973	rBV2	850815	1253277	6.62%	0.399%
76	20.856	3034	3038	3045	rVB	1556152	2094051	11.06%	0.667%
77	21.021	3060	3066	3069	rBV2	1113079	1997565	10.55%	0.637%
78	21.080	3073	3076	3084	rVV3	2793515	5316767	28.08%	1.694%
79	21.156	3085	3089	3099	rVB	1467484	2245151	11.86%	0.715%
80	21.286	3108	3111	3115	rVB	1333406	1459049	7.71%	0.465%
81	21.362	3119	3124	3130	rVV3	8531477	16869207	89.09%	5.376%
82	21.415	3130	3133	3142	rVB	6753802	8916970	47.09%	2.842%
83	21.527	3148	3152	3159	rBV2	998853	1522068	8.04%	0.485%
84	21.691	3176	3180	3185	rBV2	814399	1379345	7.28%	0.440%
85	21.933	3218	3221	3224	rVB	1052582	1159927	6.13%	0.370%
86	21.986	3224	3230	3235	rVB4	1482046	3054671	16.13%	0.973%
87	22.133	3252	3255	3258	rBV2	705737	812773	4.29%	0.259%
88	22.433	3304	3306	3311	rVB2	941502	1131946	5.98%	0.361%
89	22.980	3390	3399	3411	rBV	5247940	18934848	100.00%	6.034%
90	23.150	3423	3428	3434	rVB	933581	1575759	8.32%	0.502%
91	23.468	3476	3482	3486	rBV	2567342	4936365	26.07%	1.573%
92	23.521	3486	3491	3495	rVV2	3881264	8337214	44.03%	2.657%
93	23.568	3495	3499	3506	rVB	4495689	7755490	40.96%	2.472%
94	23.662	3510	3515	3520	rVV	2361367	4762449	25.15%	1.518%
95	23.715	3521	3524	3533	rVB2	1260608	2257051	11.92%	0.719%
96	24.203	3602	3607	3616	rVB2	1290576	2506883	13.24%	0.799%
97	24.291	3617	3622	3630	rBV	713577	1519095	8.02%	0.484%
98	24.968	3733	3737	3745	rVB2	747759	1598935	8.44%	0.510%
99	25.979	3901	3909	3923	rVB	2131451	6956986	36.74%	2.217%
100	26.691	4025	4030	4038	rVB	1078437	2825130	14.92%	0.900%

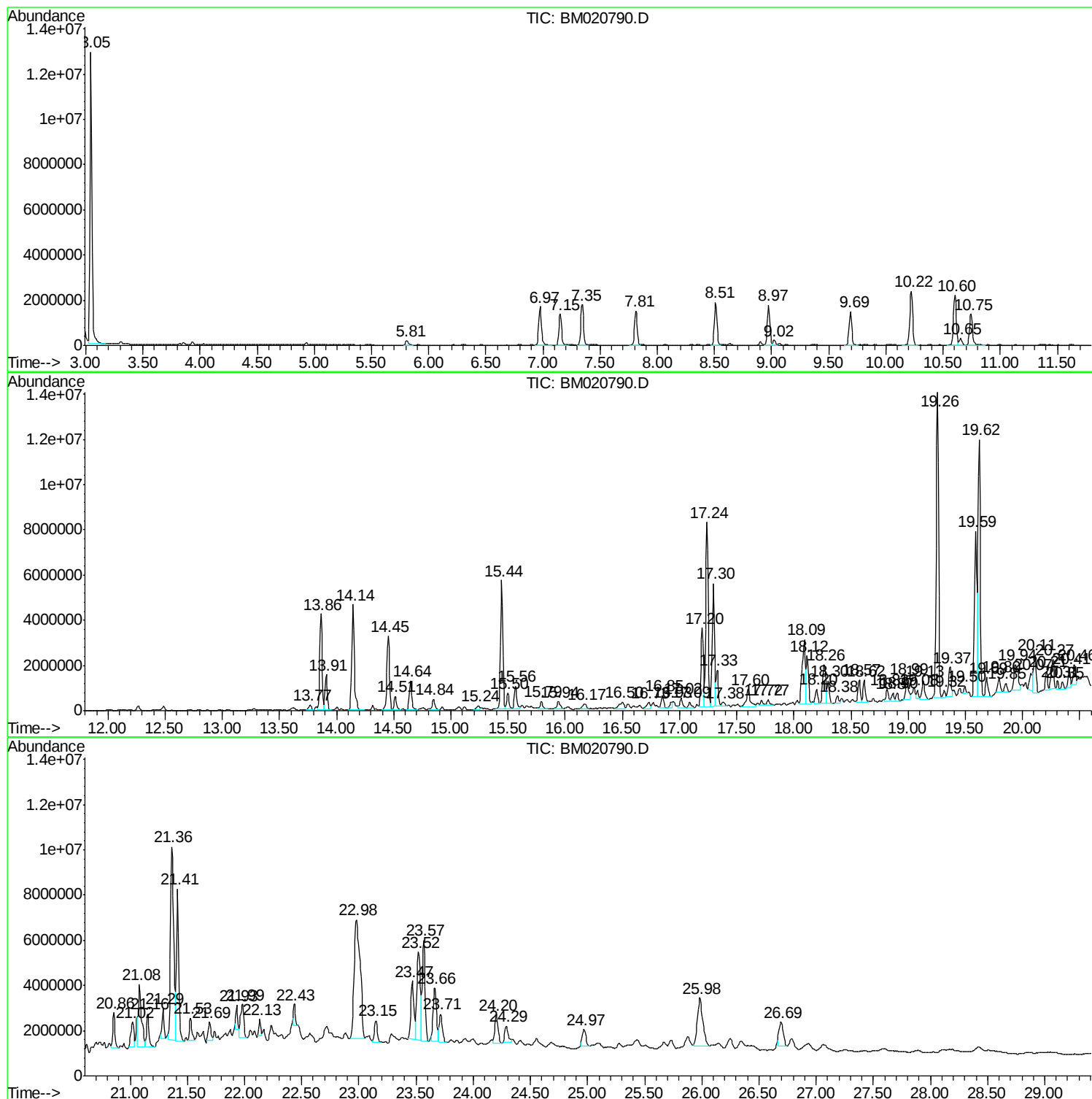
Sum of corrected areas: 313790083

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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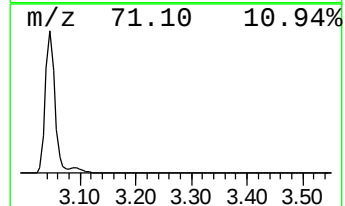
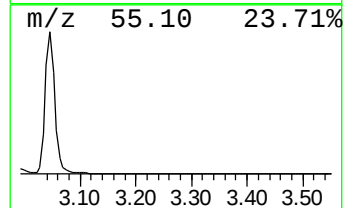
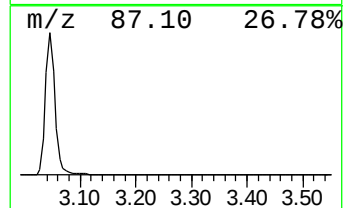
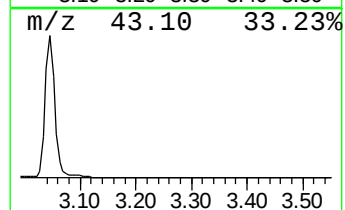
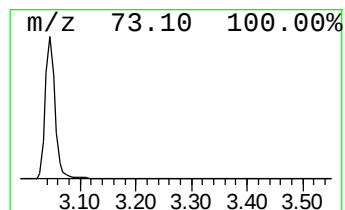
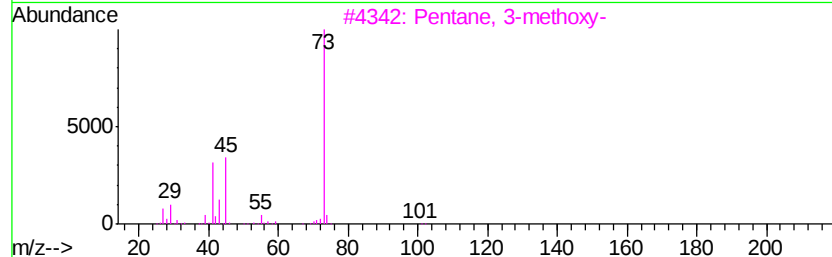
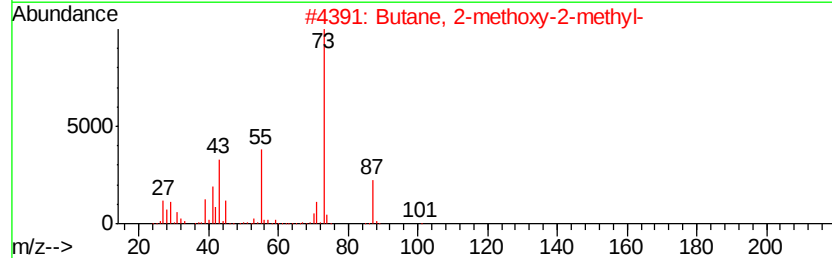
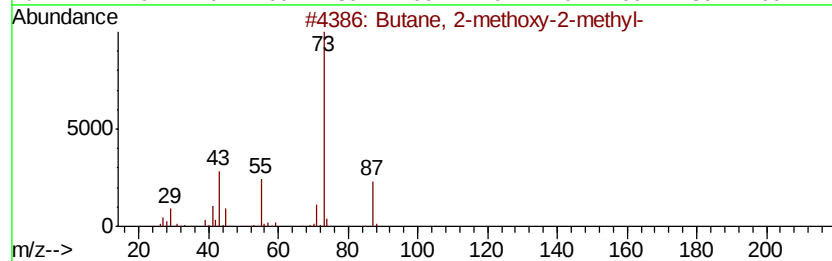
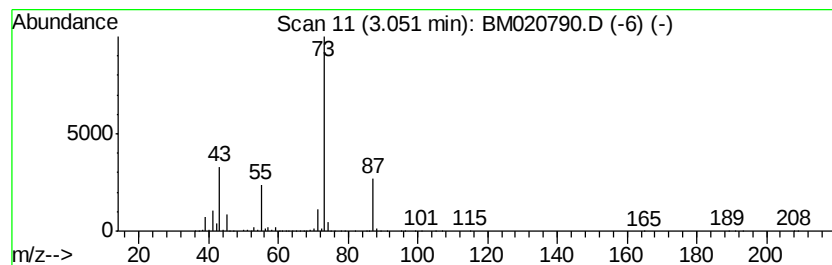
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	126.68 ng/ul	15461600	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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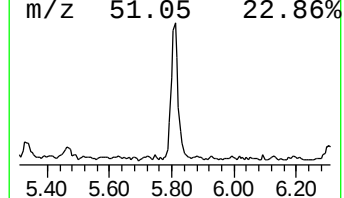
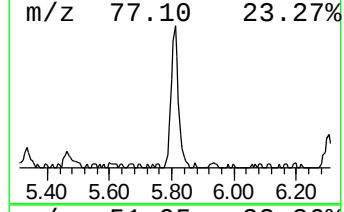
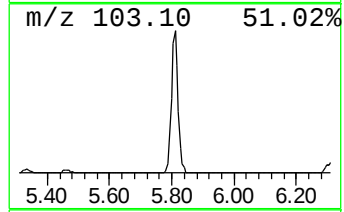
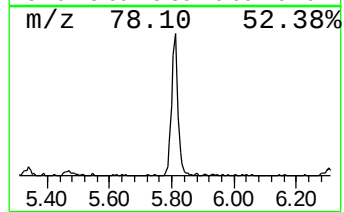
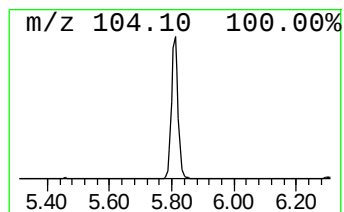
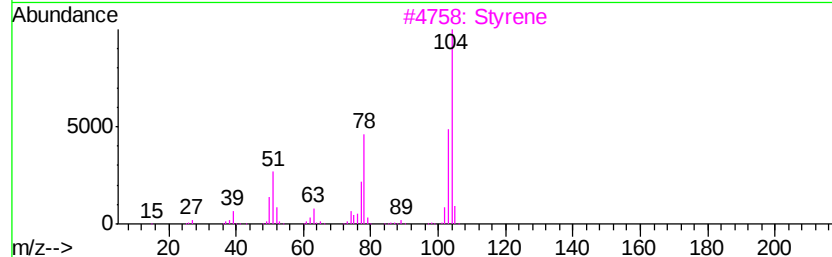
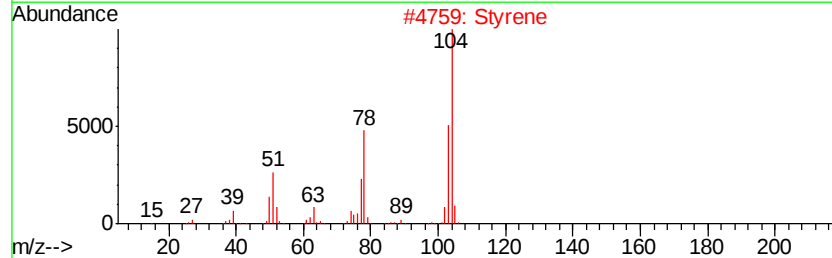
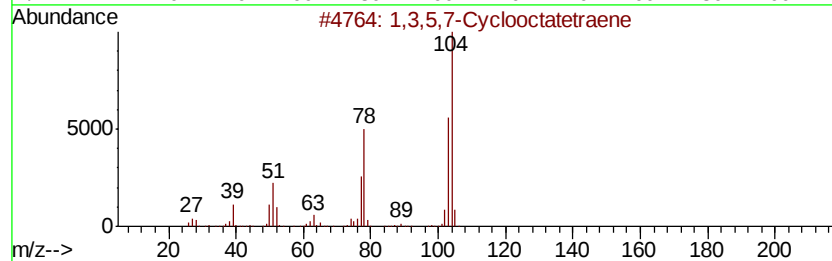
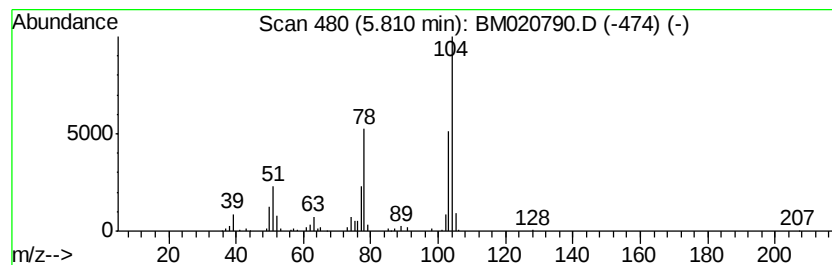
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,3,5,7-Cyclooctatetraene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.81	2.72 ng/ul	332277	1,4-Dichlorobenzene-d4	7.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	97
2			Styrene	104	C8H8	000100-42-5	96
3			Styrene	104	C8H8	000100-42-5	96
4			Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
5			1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95



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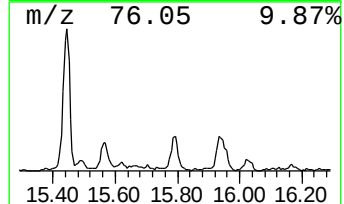
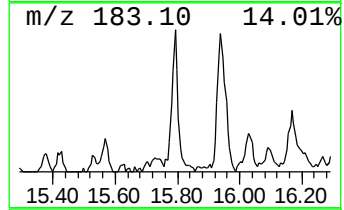
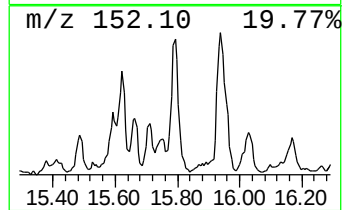
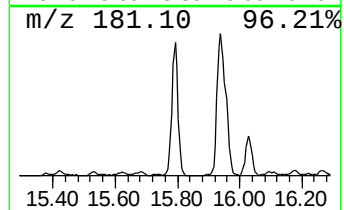
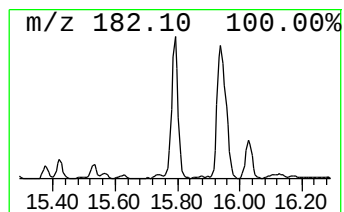
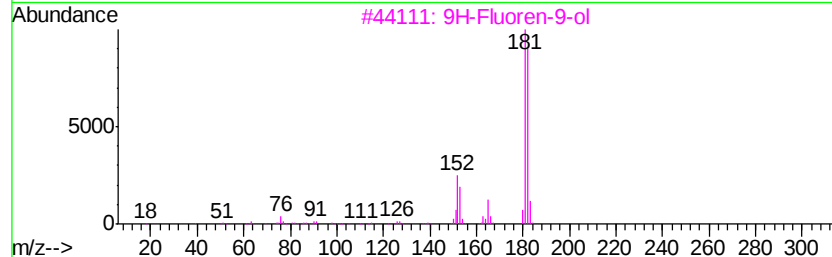
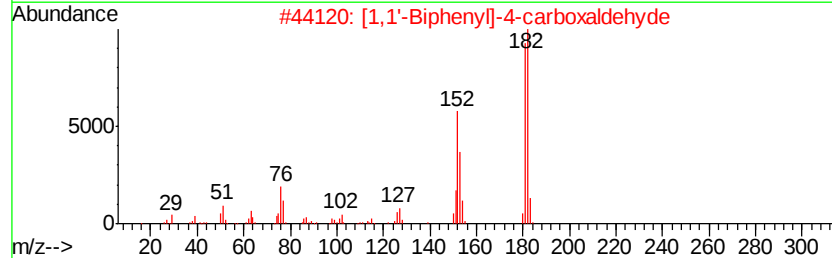
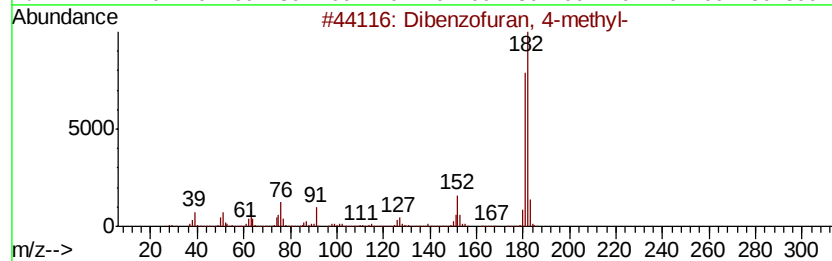
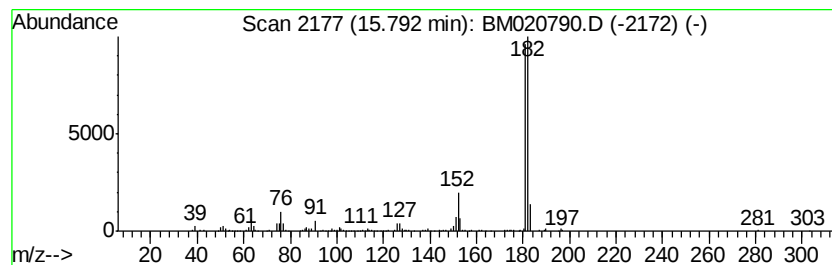
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	2.35 ng/ul	585048	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
Operator : HP/JU
Sample : K3201-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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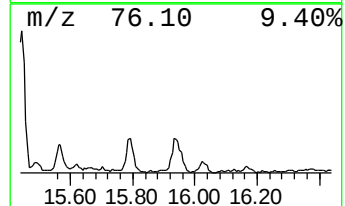
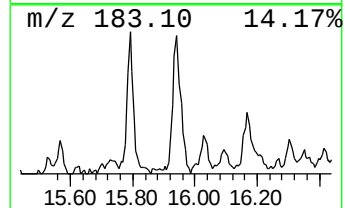
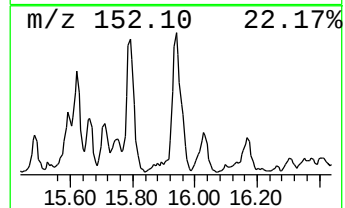
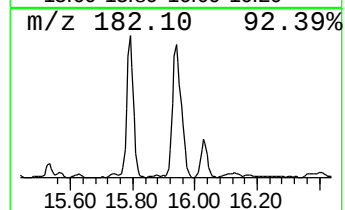
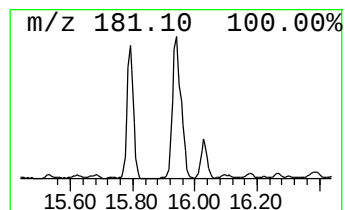
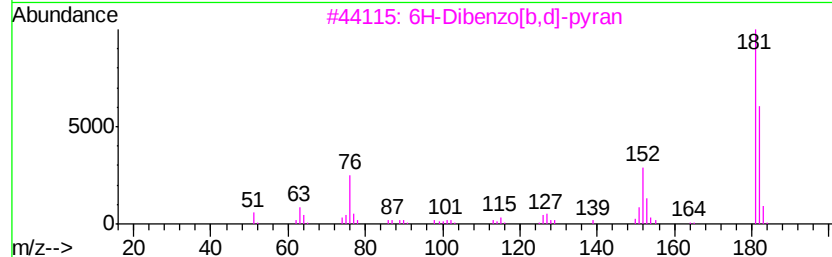
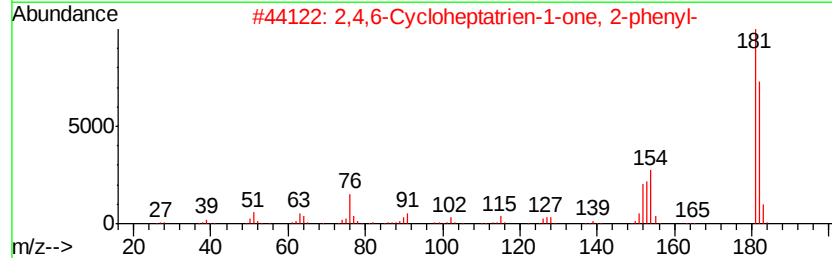
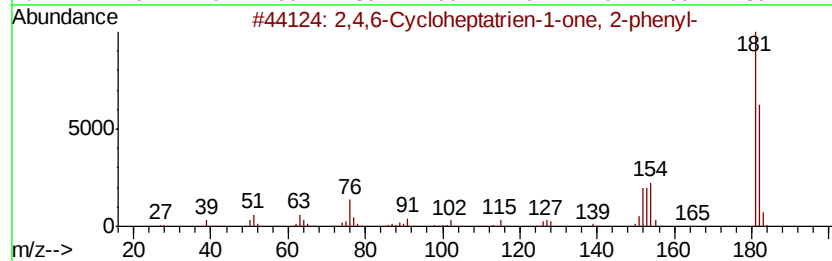
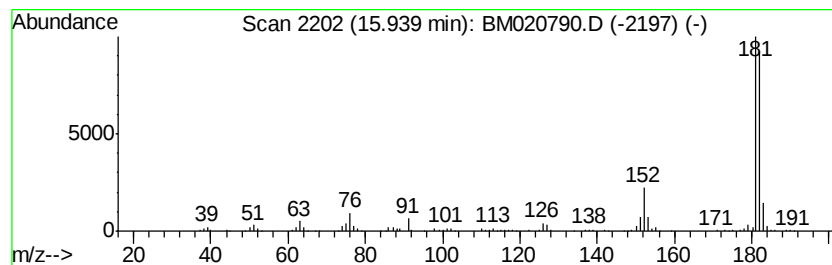
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2,4,6-Cycloheptatrien-1-one... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	2.48 ng/ul	620845	Phenanthrene-d10	17.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
2			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3			6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	83
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
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Sample : K3201-16
Misc :
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ClientSampleId :
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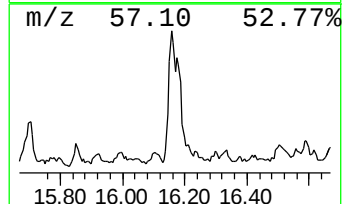
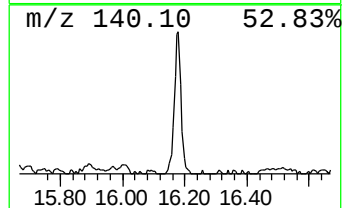
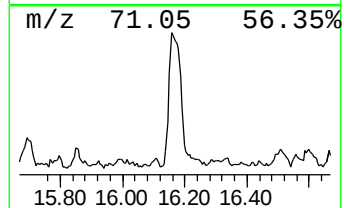
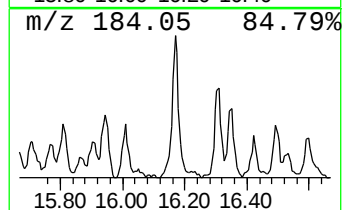
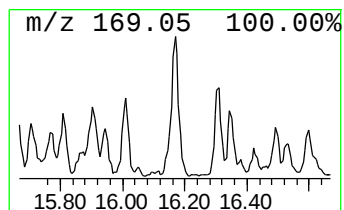
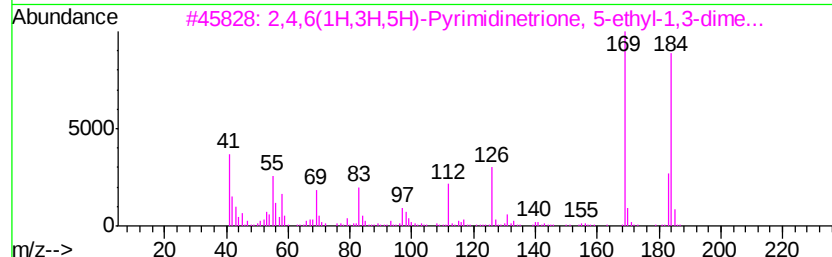
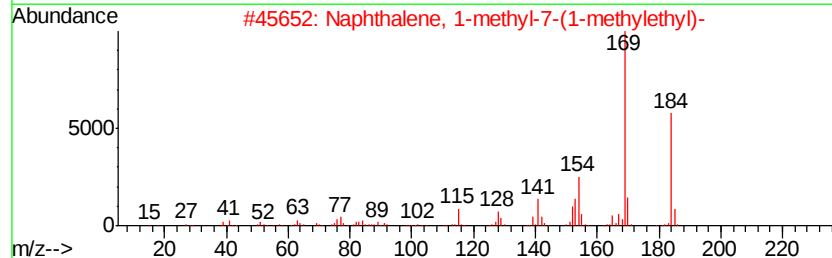
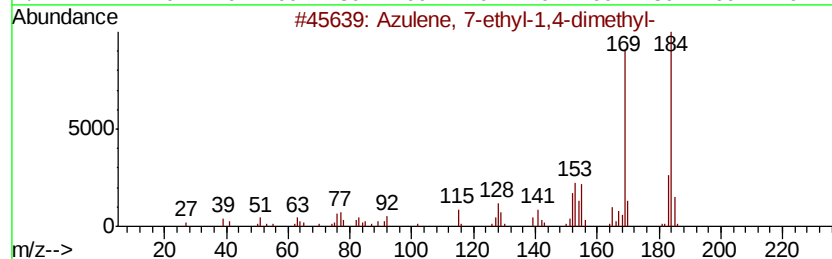
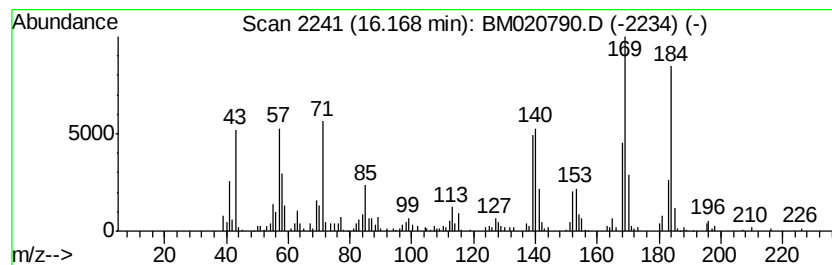
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Azulene, 7-ethyl-1,4-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	2.05 ng/ul	513213	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	53
2		Naphthalene, 1-methyl-7-(1-methyl-...)	184	C14H16	000490-65-3	46
3		2,4,6(1H,3H,5H)-Pyrimidinetrione...	184	C8H12N2O3	007391-61-9	38
4		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	35
5		3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
Operator : HP/JU
Sample : K3201-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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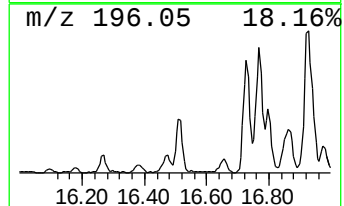
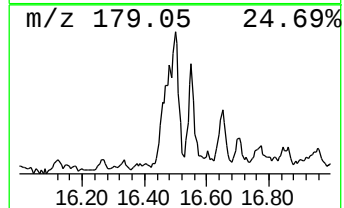
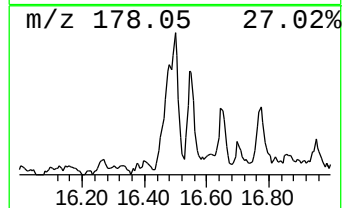
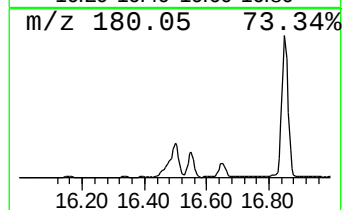
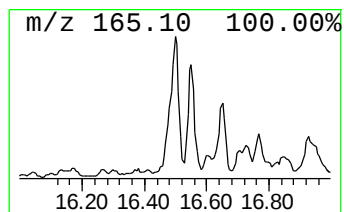
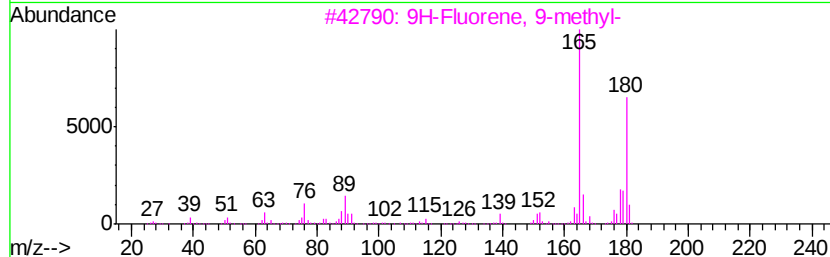
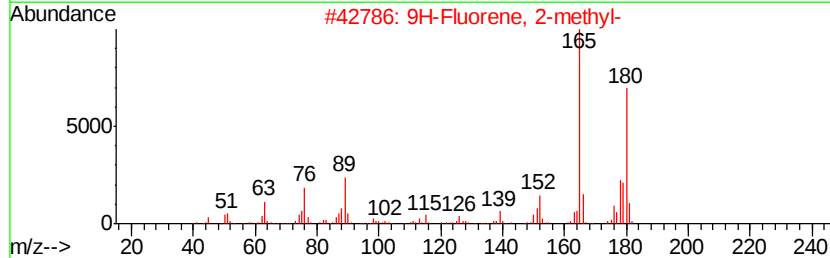
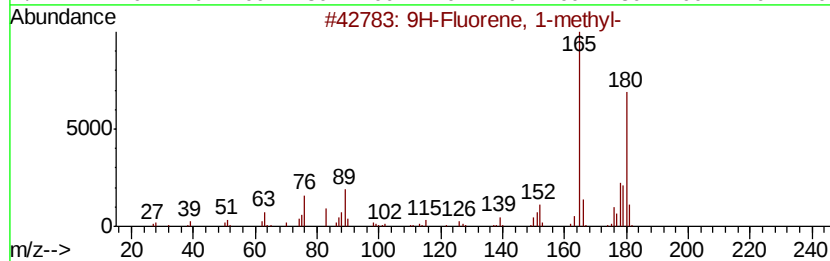
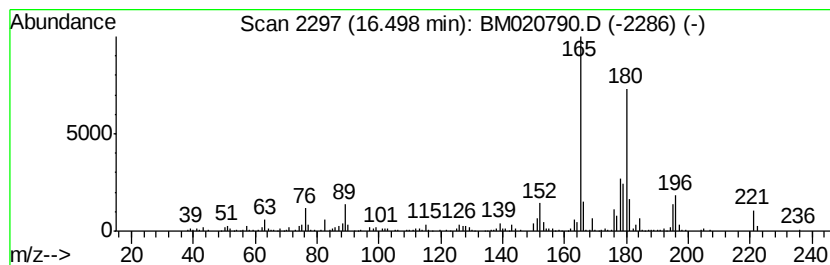
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	3.19 ng/ul	799577	Phenanthrene-d10	17.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95
4			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92
5			9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
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Sample : K3201-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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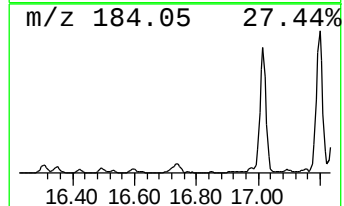
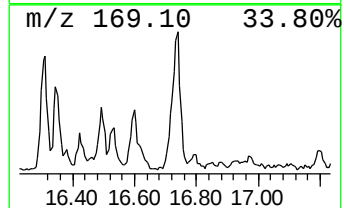
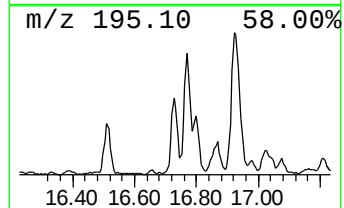
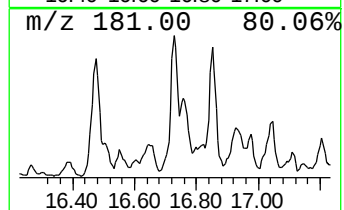
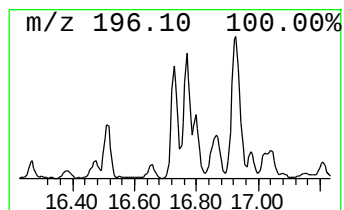
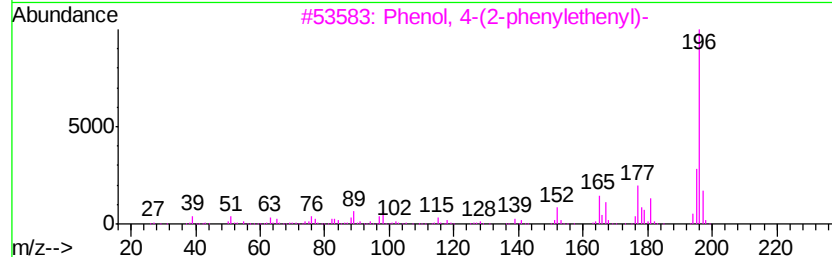
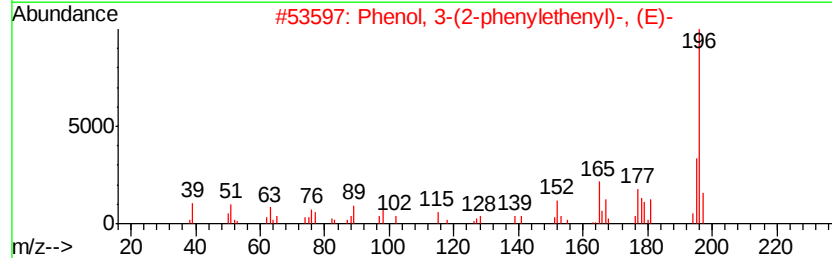
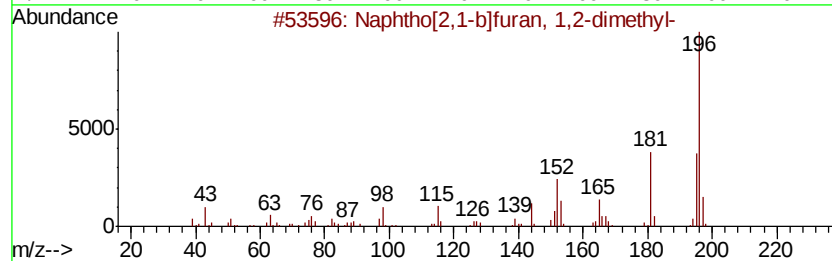
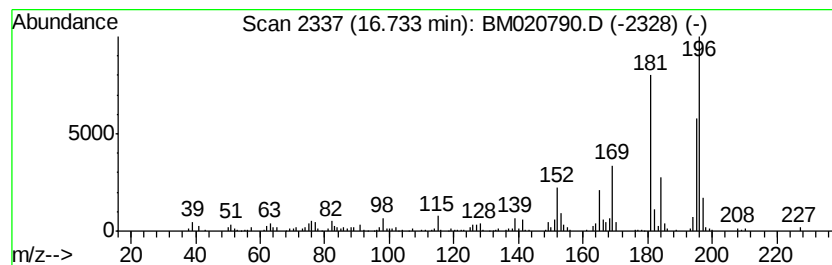
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	2.11 ng/ul	528997	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	58
2		Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	46
3		Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	43
4		8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	43
5		p-Toluenesulfonamide, N-(xanthen...	351	C20H17N3O3S	006326-06-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
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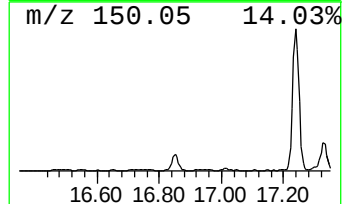
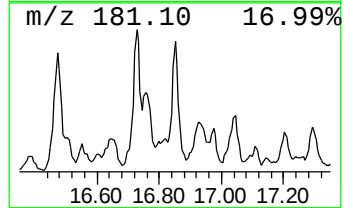
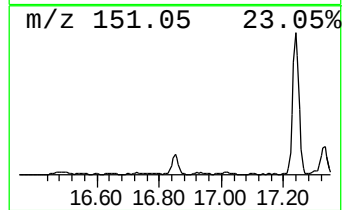
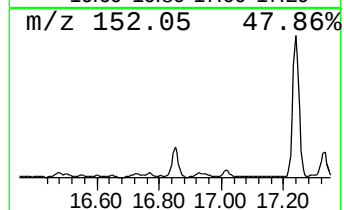
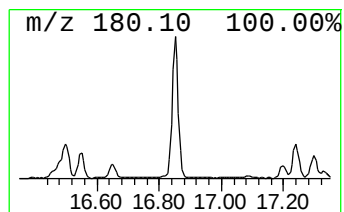
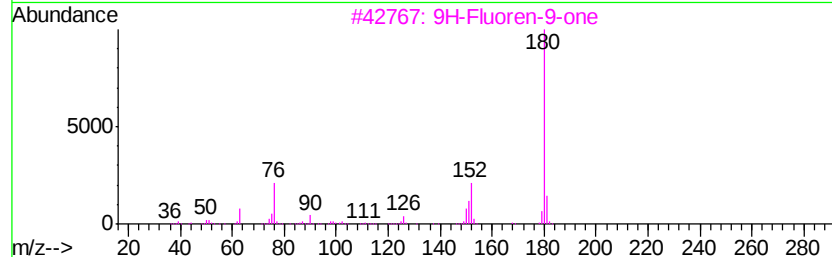
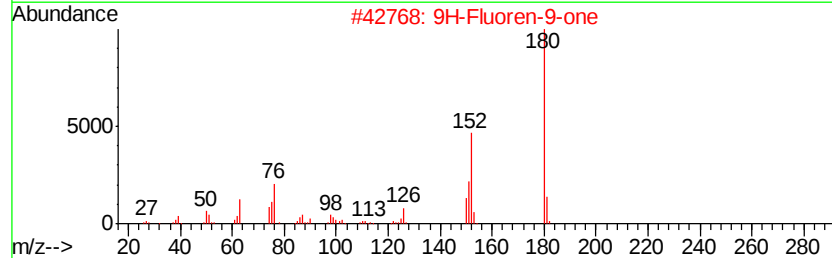
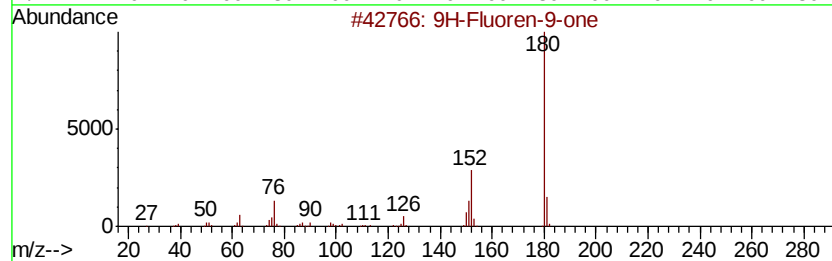
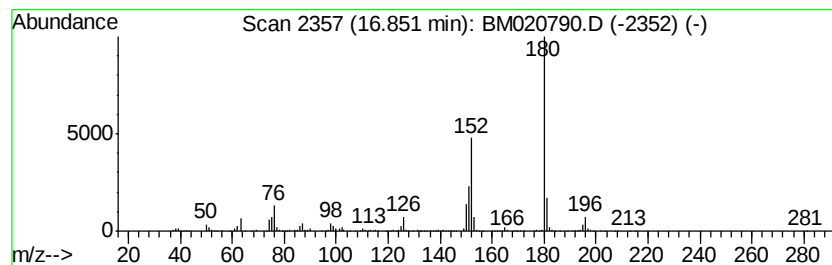
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.85	3.34 ng/ul	836255	Phenanthrene-d10		17.20	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
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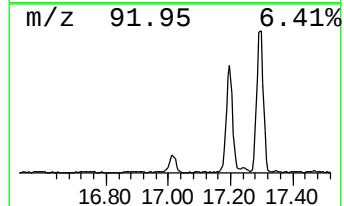
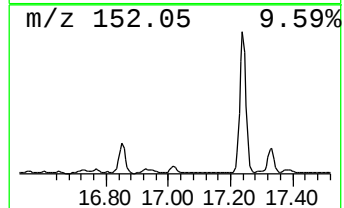
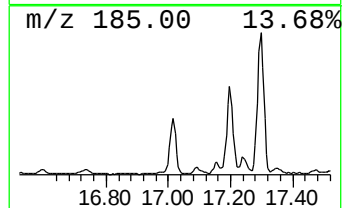
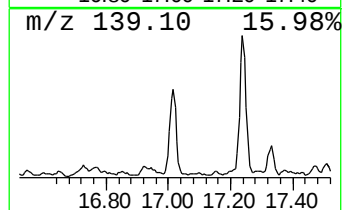
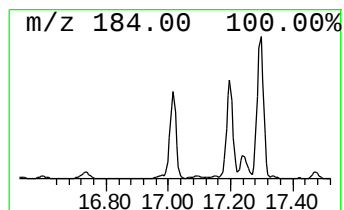
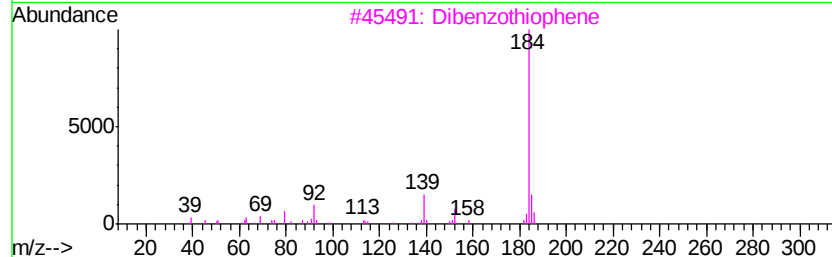
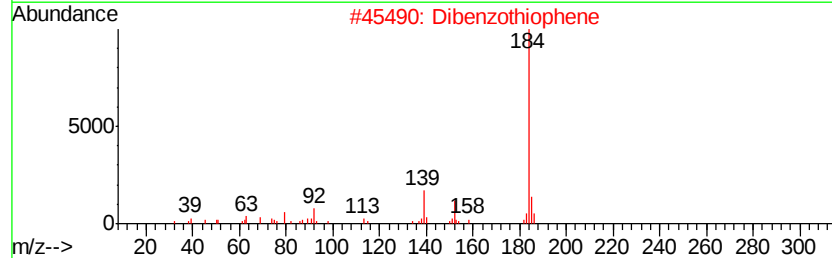
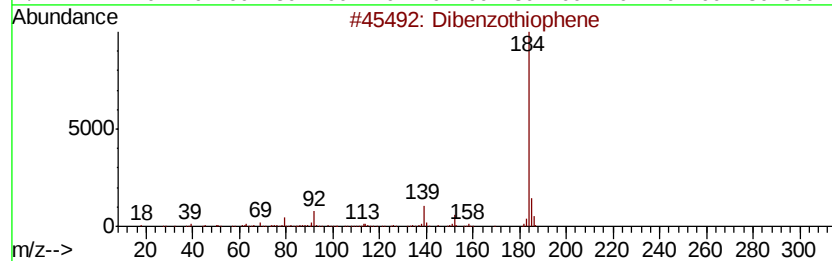
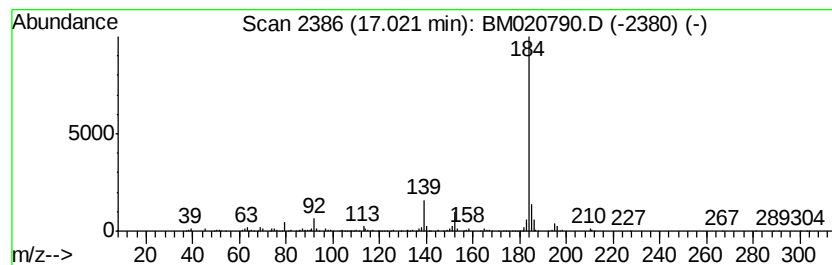
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Dibenzothiophene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	2.77 ng/ul	693502	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	97
2		Dibenzothiophene	184	C12H8S	000132-65-0	96
3		Dibenzothiophene	184	C12H8S	000132-65-0	95
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5		Dibenzothiophene	184	C12H8S	000132-65-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
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Sample : K3201-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

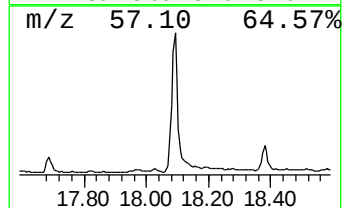
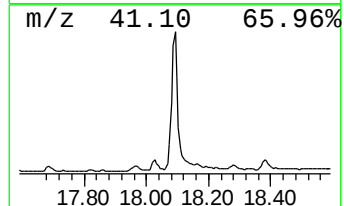
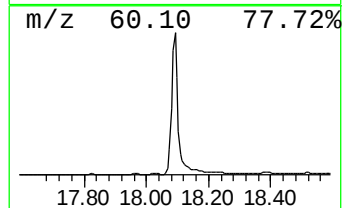
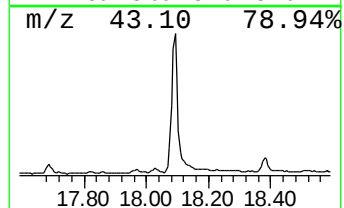
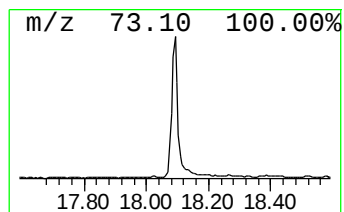
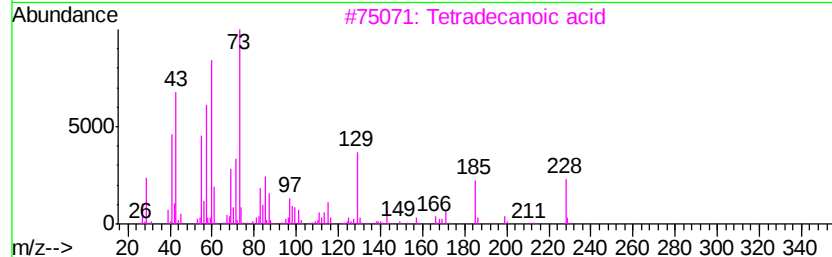
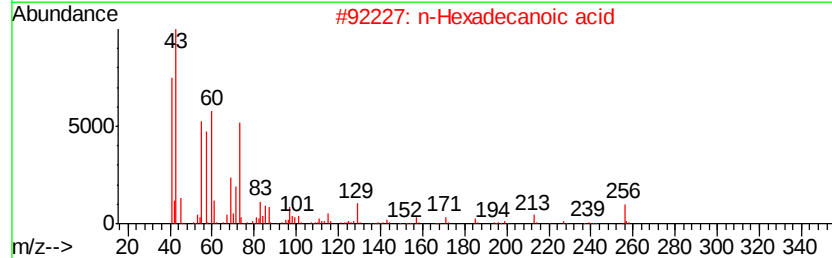
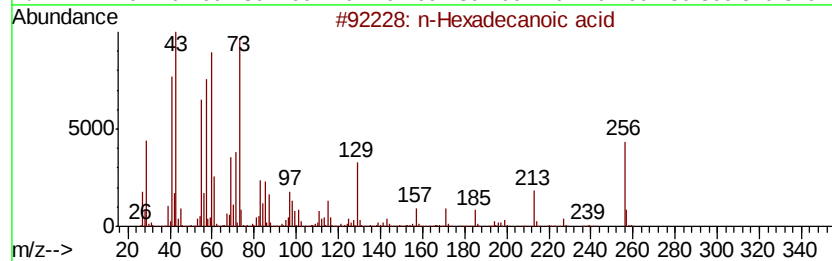
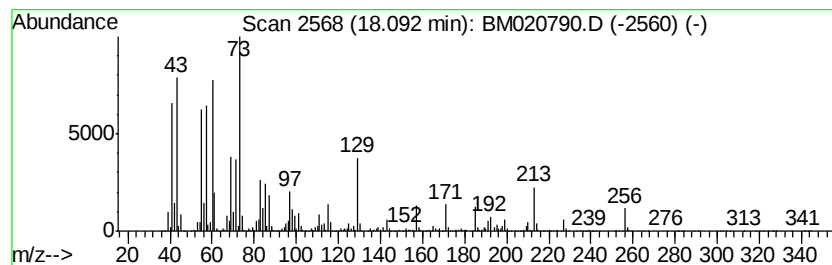
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.09	22.72 ng/ul	5693470	Phenanthrene-d10	17.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
Operator : HP/JU
Sample : K3201-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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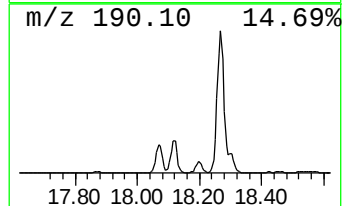
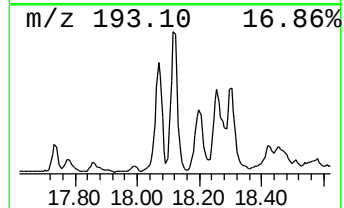
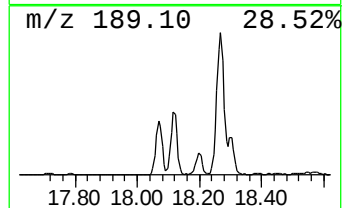
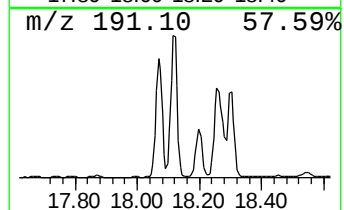
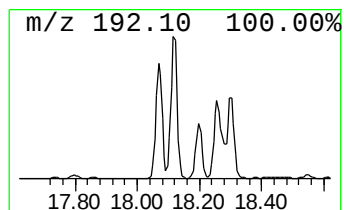
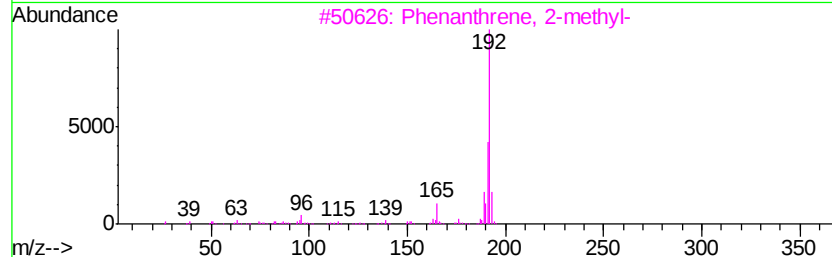
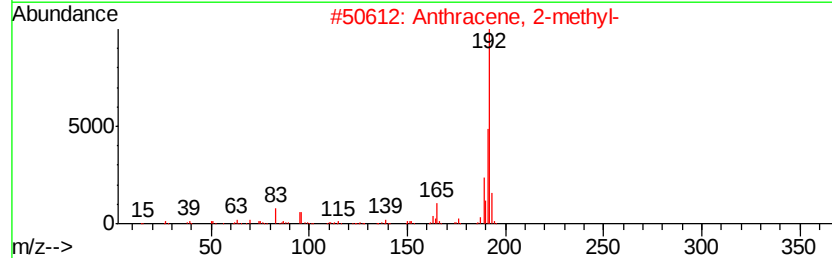
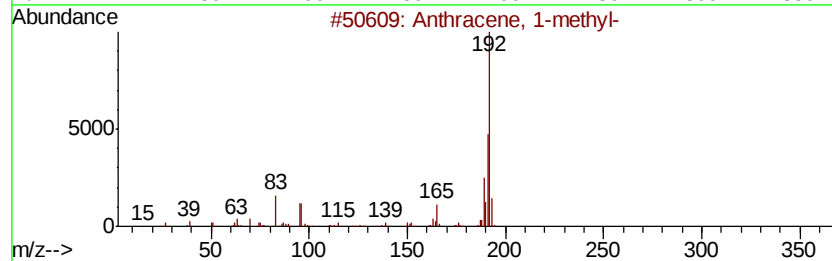
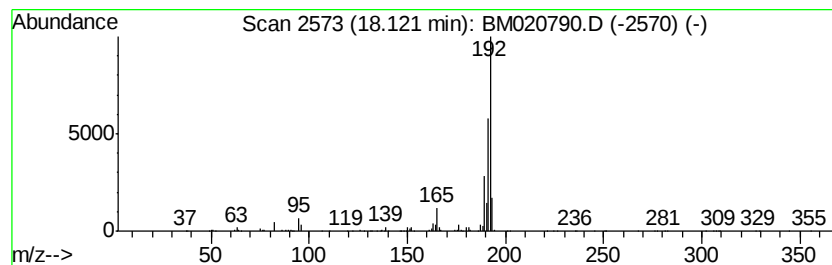
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	11.37 ng/ul	2848450	Phenanthrene-d10	17.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
Operator : HP/JU
Sample : K3201-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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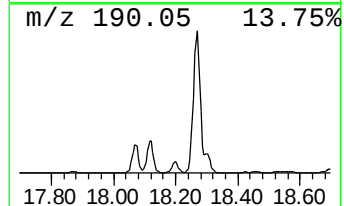
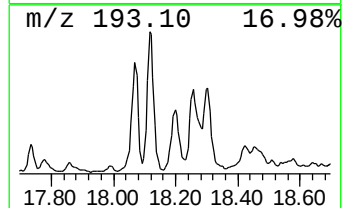
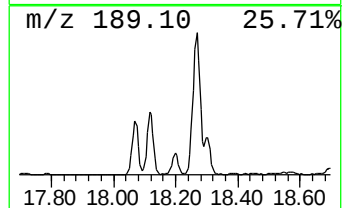
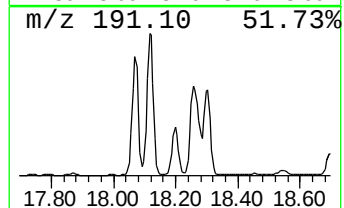
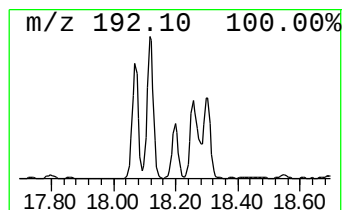
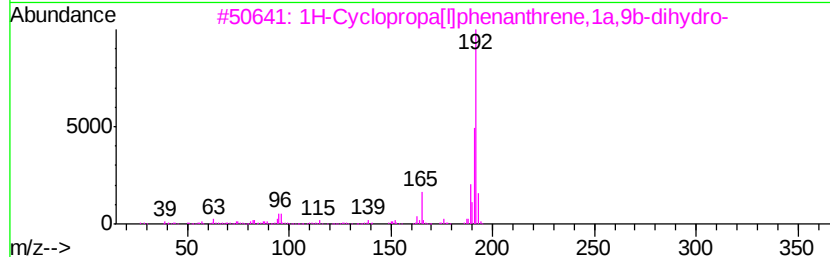
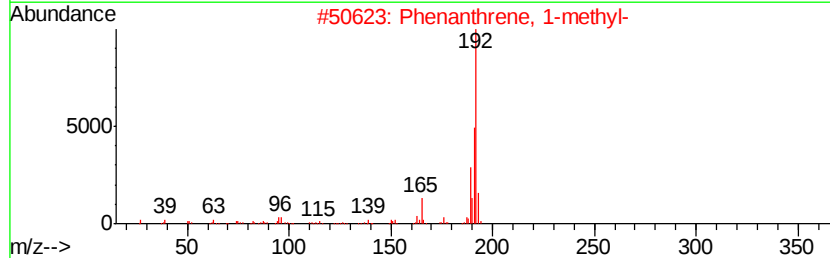
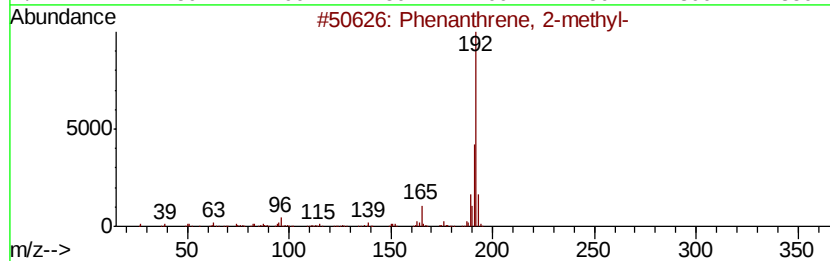
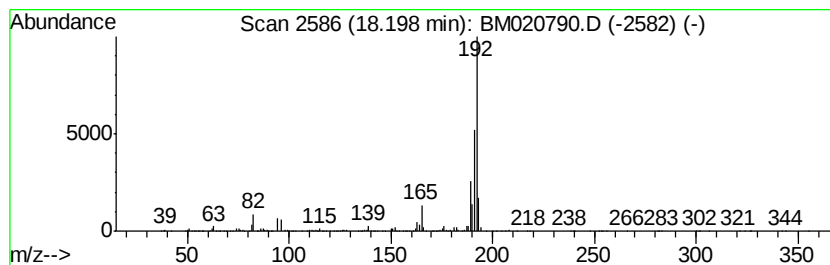
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	3.84 ng/ul	960919	Phenanthrene-d10	17.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
Operator : HP/JU
Sample : K3201-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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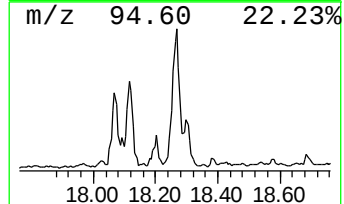
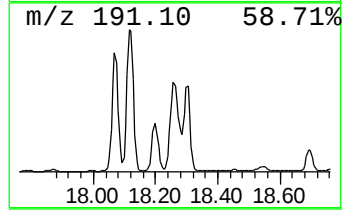
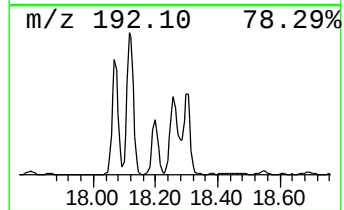
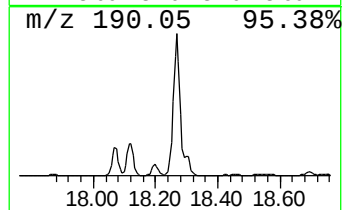
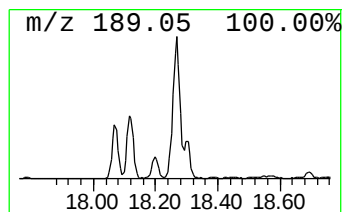
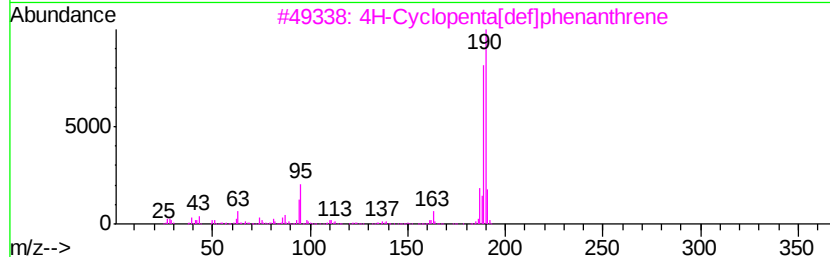
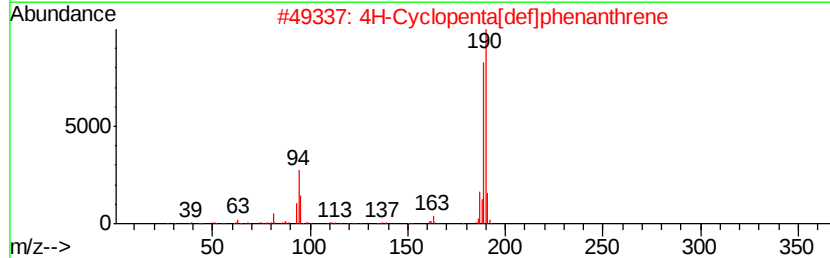
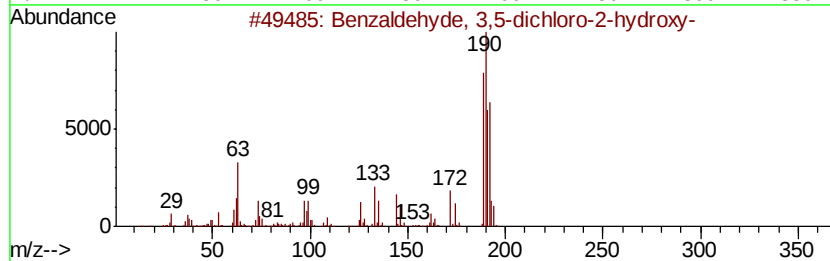
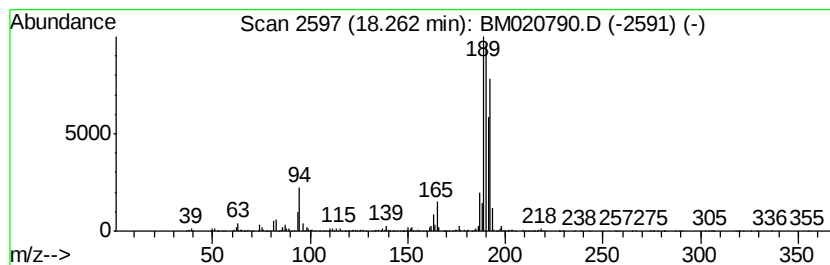
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	13.28 ng/ul	3327350	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehydve, 3,5-dichloro-2-hvd...	190	C7H4Cl2O2	000090-60-8	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4		6H-Cyclobuta[fik]phenanthrene	190	C15H10	083469-43-6	49
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
Operator : HP/JU
Sample : K3201-16
Misc :
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Instrument :
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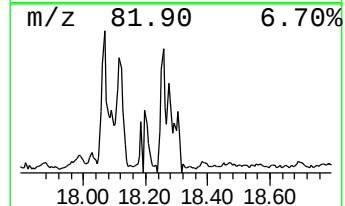
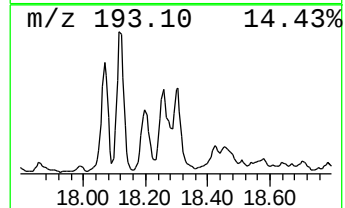
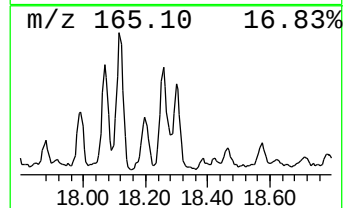
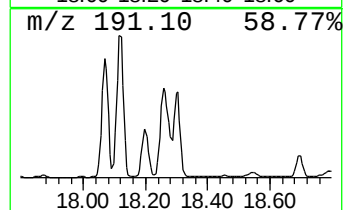
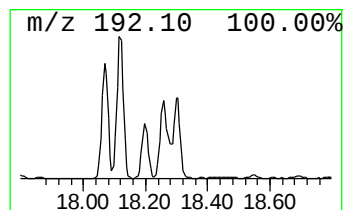
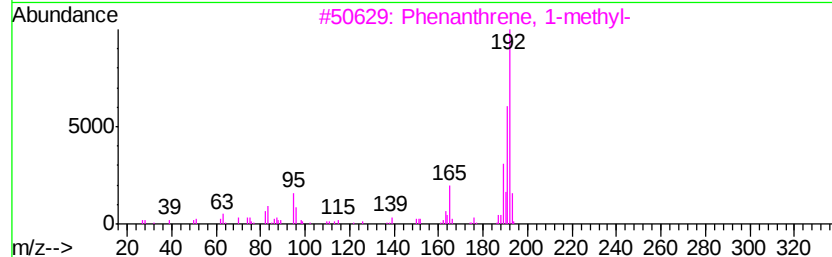
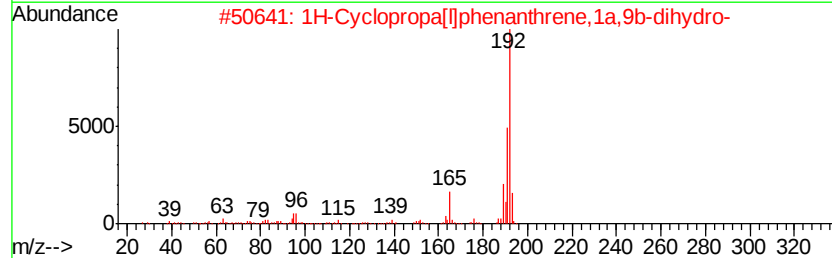
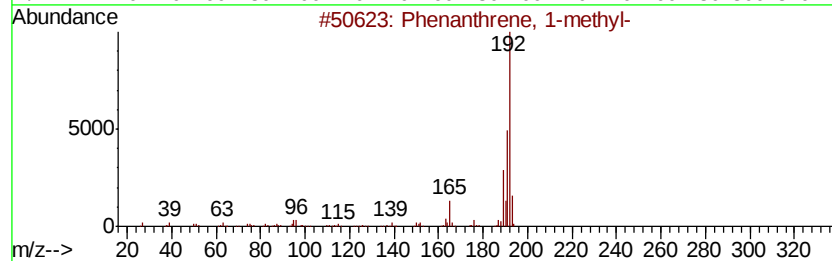
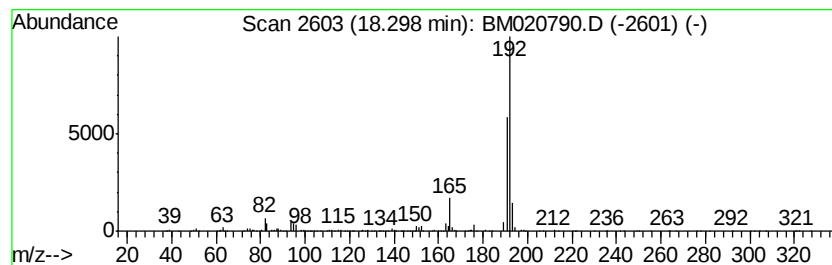
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	5.24 ng/ul	1311670	Phenanthrene-d10	17.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
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Sample : K3201-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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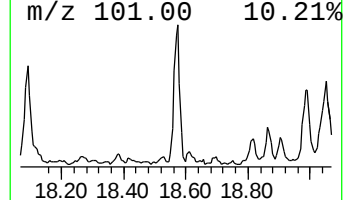
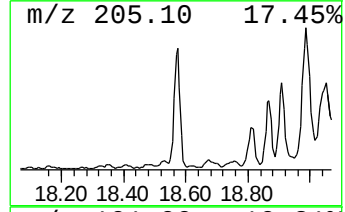
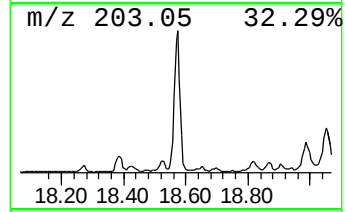
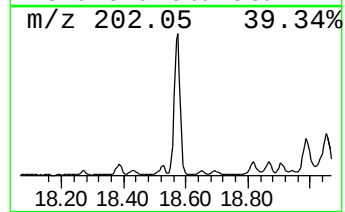
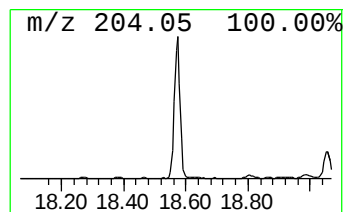
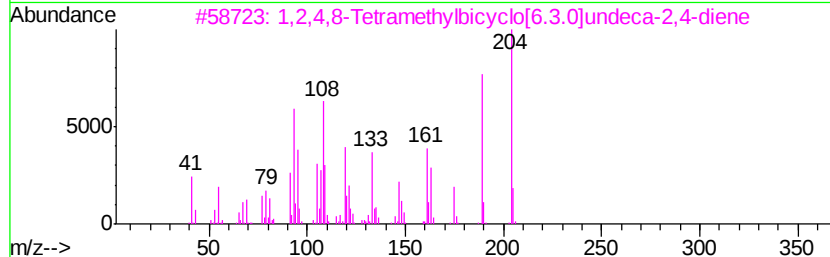
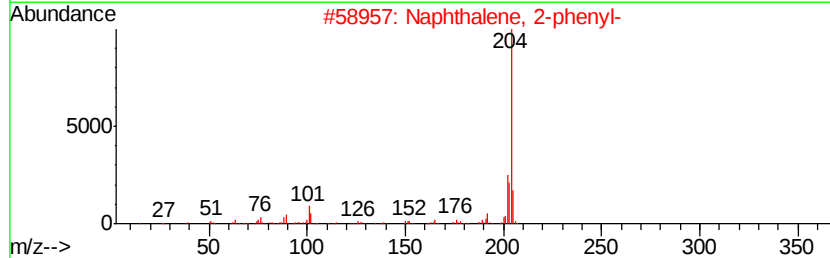
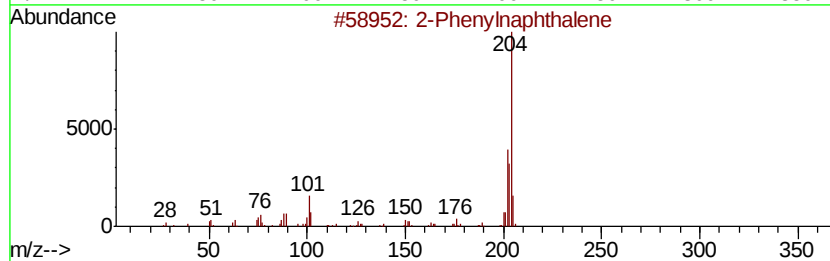
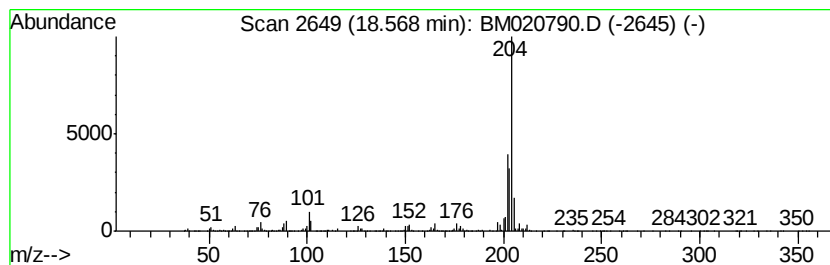
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 2-Phenylnaphthalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	5.58 ng/ul	1398930	Phenanthrene-d10	17.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3			1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	87
4			5,16[1',2']-8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
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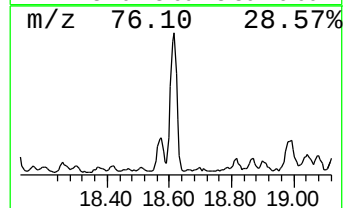
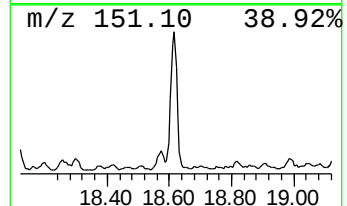
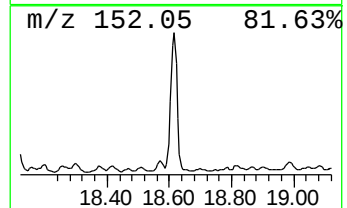
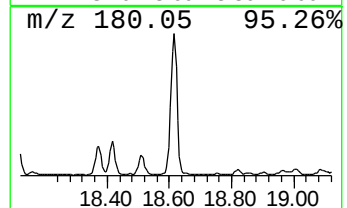
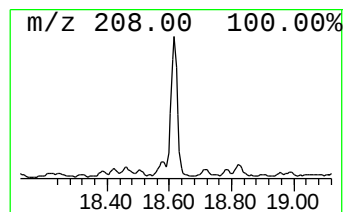
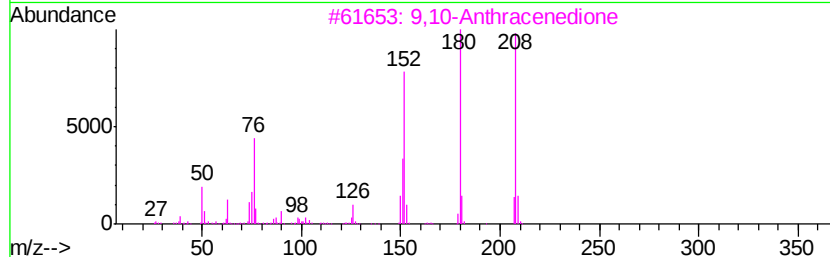
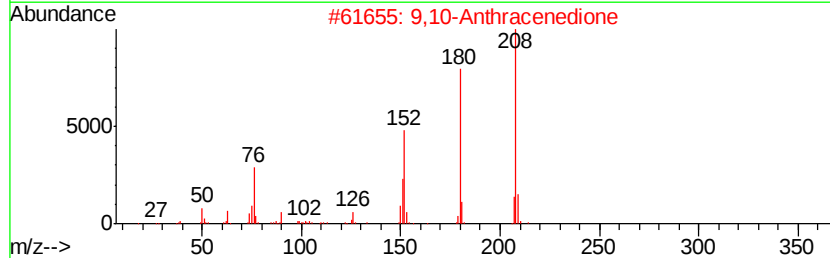
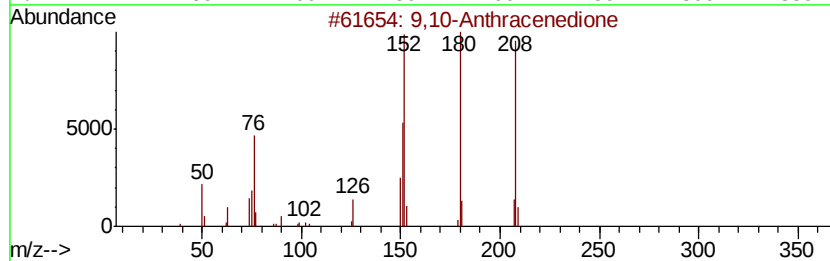
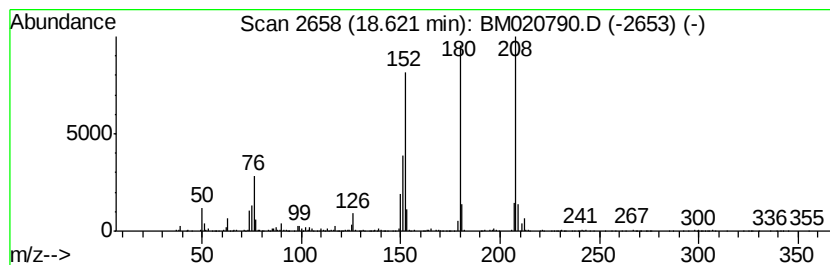
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	5.73 ng/ul	1435900	Phenanthrene-d10	17.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4			1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
5			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
Operator : HP/JU
Sample : K3201-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC7

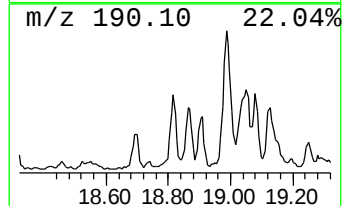
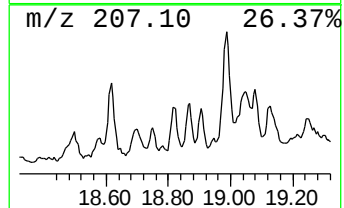
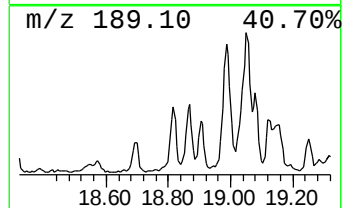
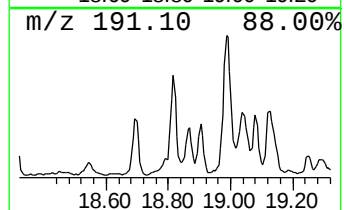
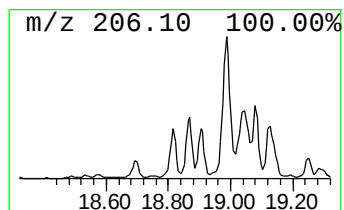
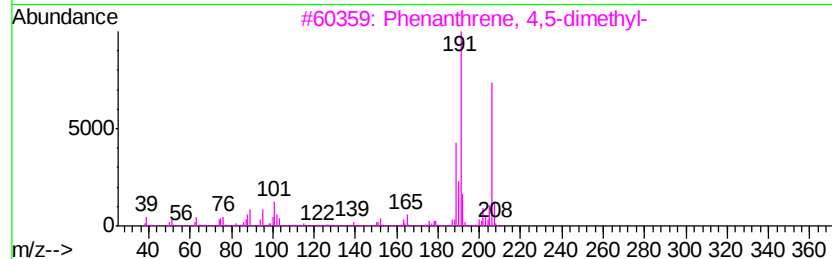
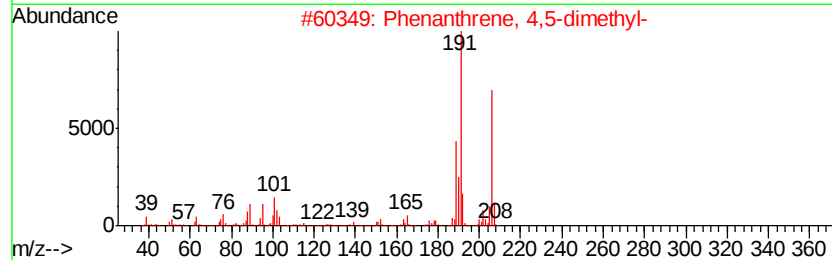
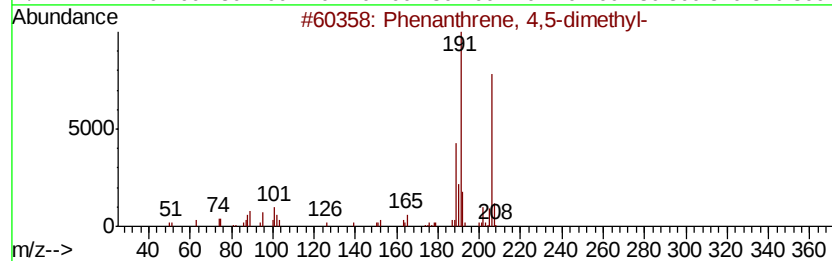
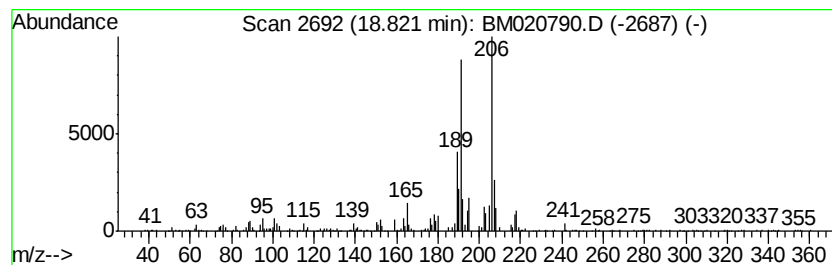
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Phenanthrene, 4,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.89 ng/ul	723024	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
2		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
3		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
4		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
Operator : HP/JU
Sample : K3201-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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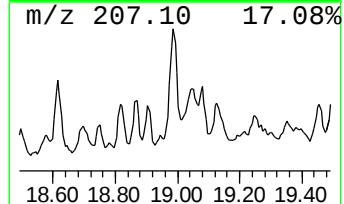
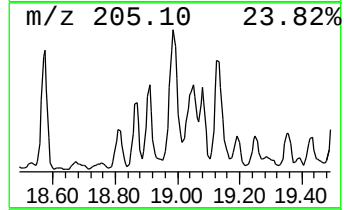
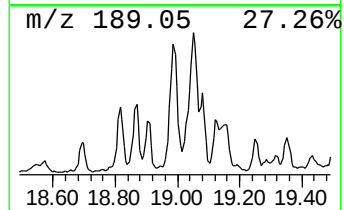
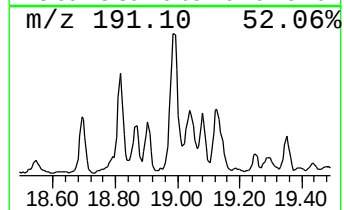
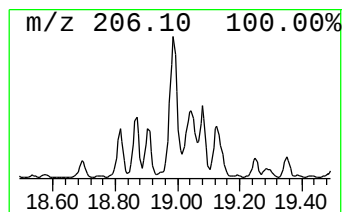
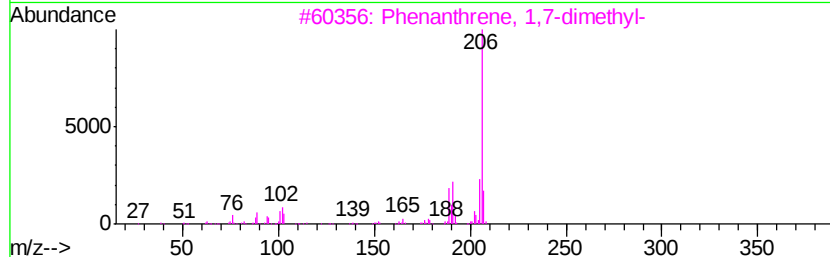
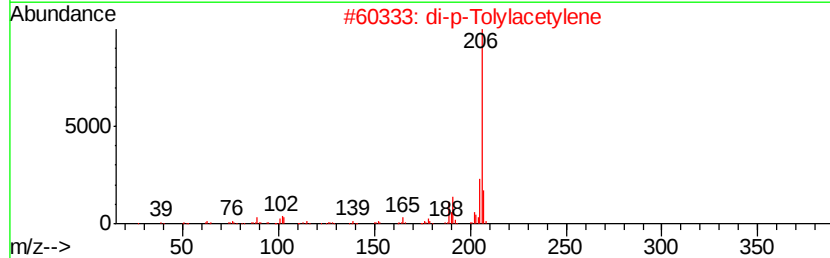
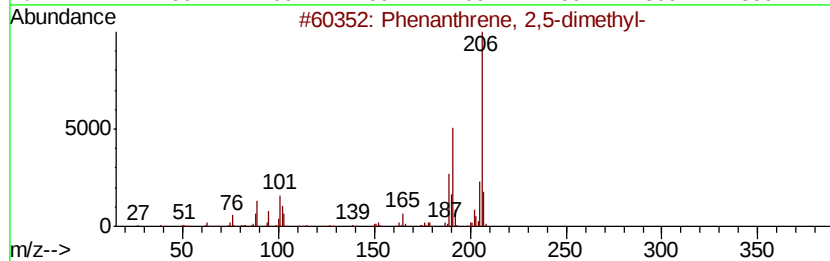
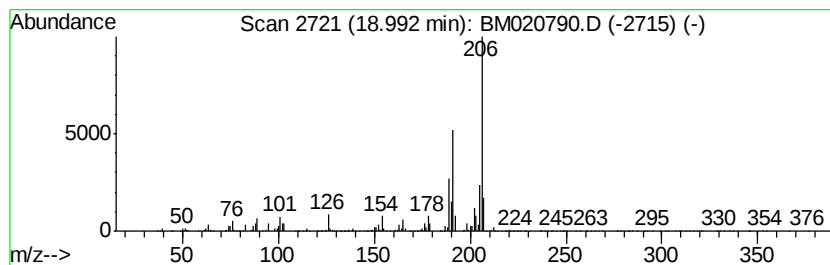
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	7.18 ng/ul	1798160	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
Operator : HP/JU
Sample : K3201-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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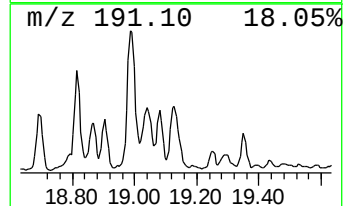
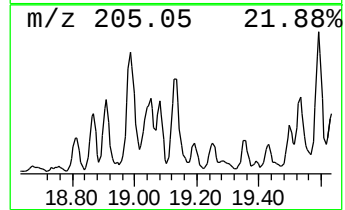
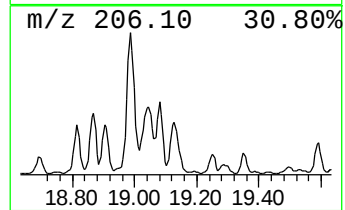
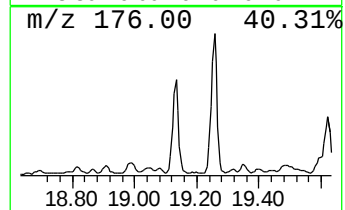
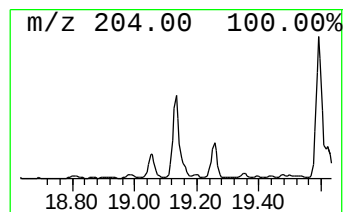
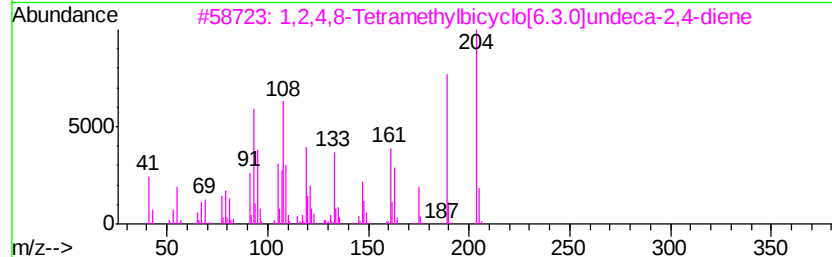
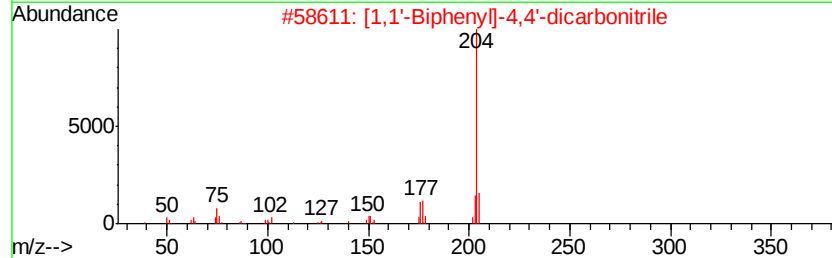
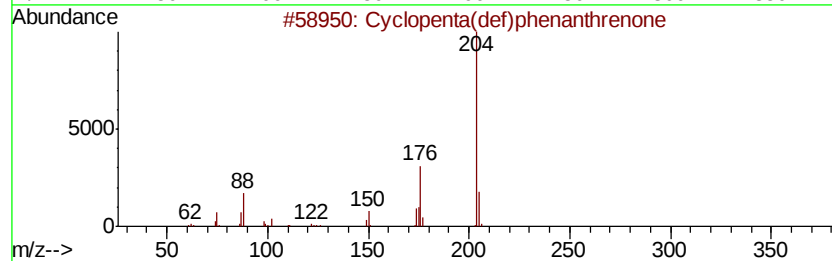
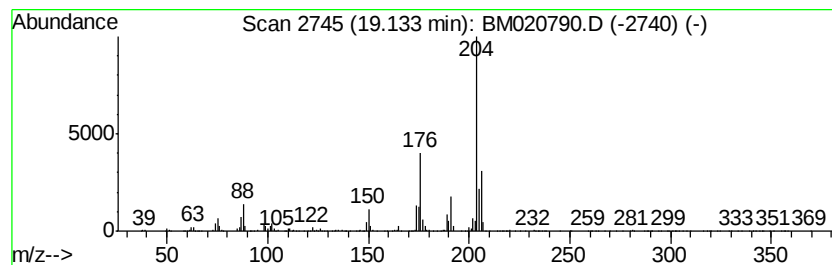
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	5.81 ng/ul	1454880	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	45
4		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
Operator : HP/JU
Sample : K3201-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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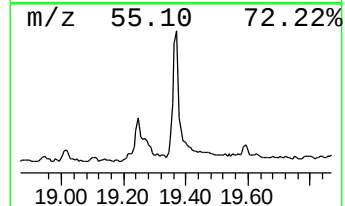
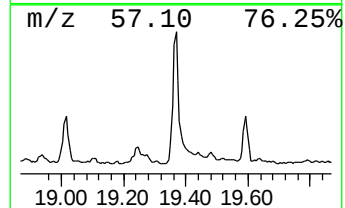
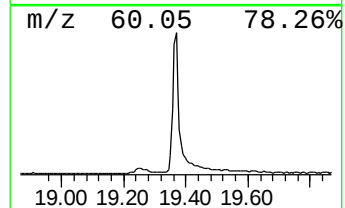
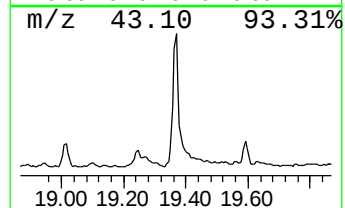
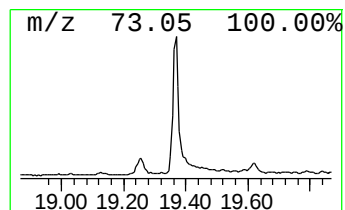
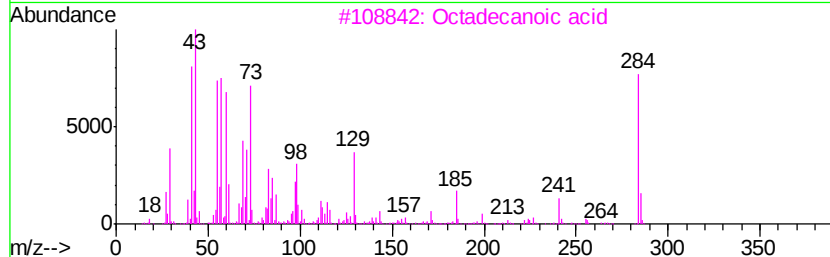
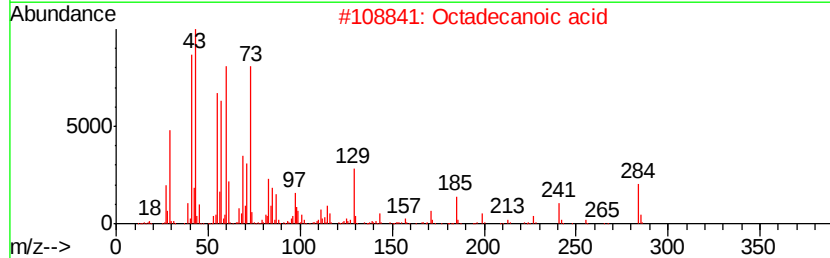
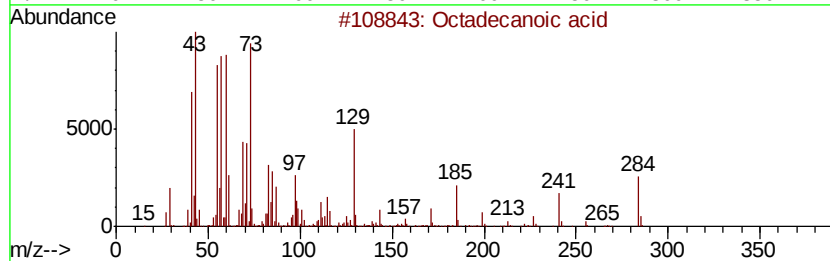
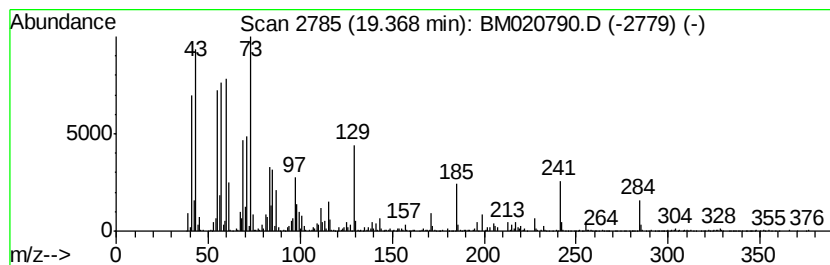
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Octadecanoic acid Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.41 ng/ul	2034990	Chrysene-d12	21.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	94
4			Octadecanoic acid	284	C18H36O2	000057-11-4	93
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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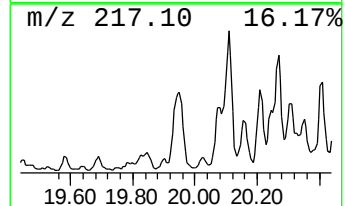
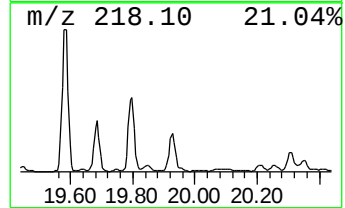
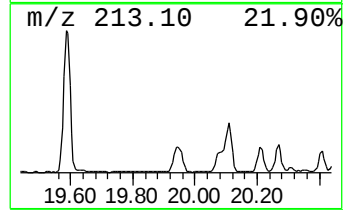
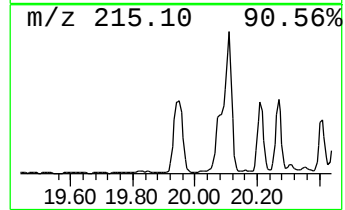
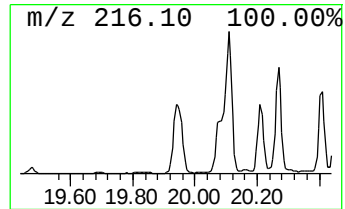
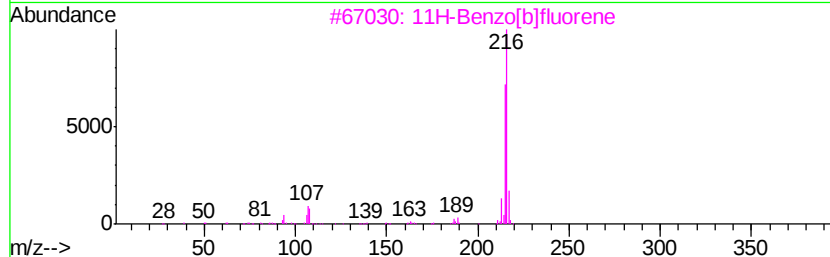
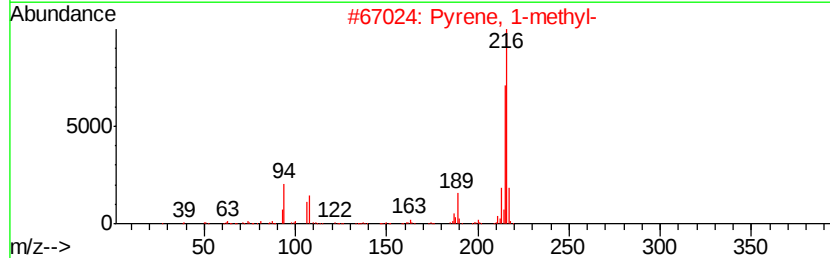
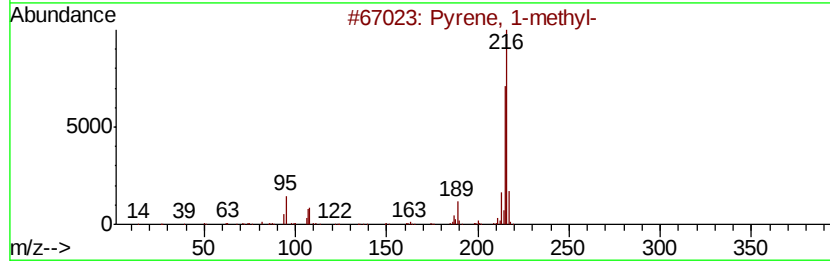
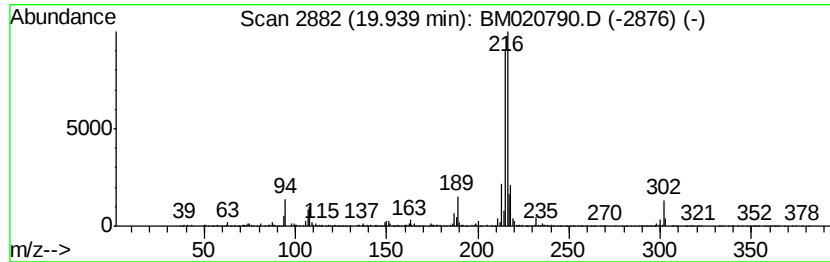
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	3.62 ng/ul	3052920	Chrysene-d12	21.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
Operator : HP/JU
Sample : K3201-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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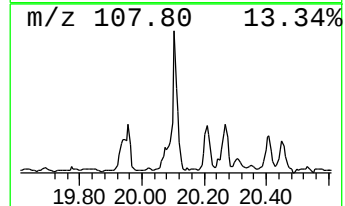
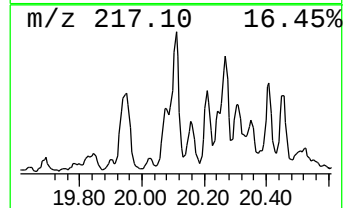
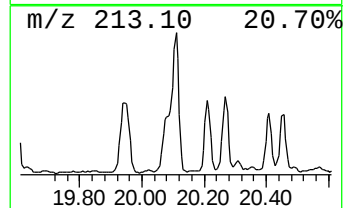
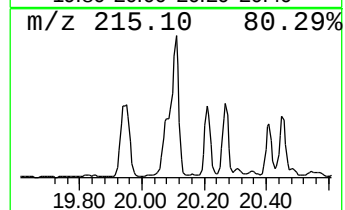
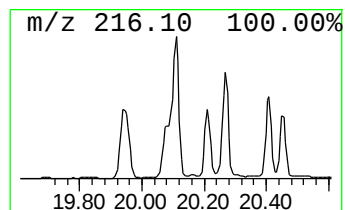
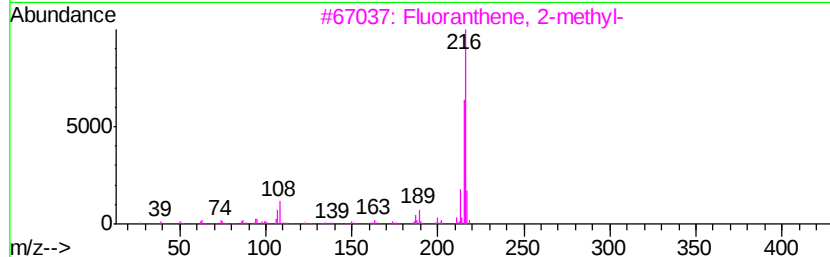
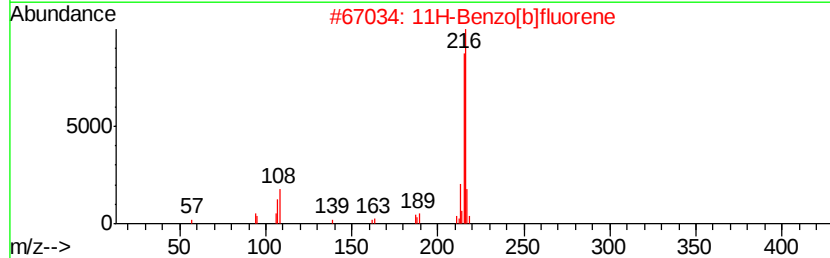
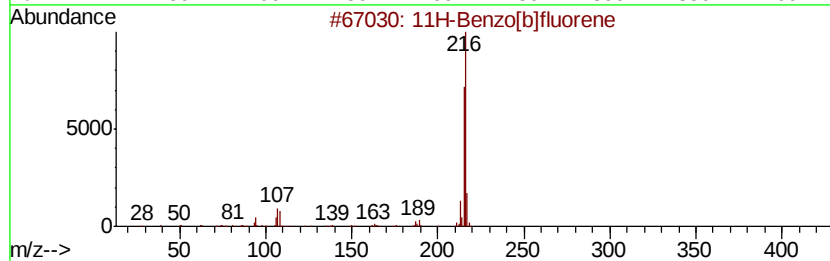
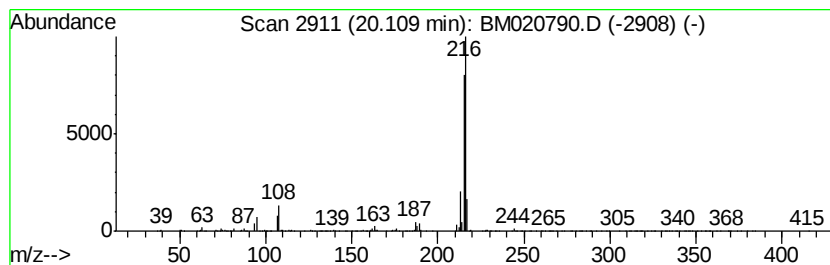
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 11H-Benzo[b]fluorene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	2.85 ng/ul	2407440	Chrysene-d12	21.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
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Sample : K3201-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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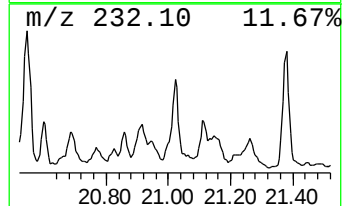
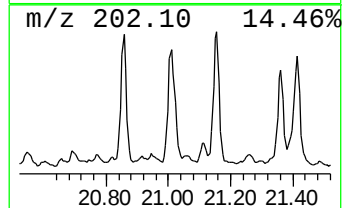
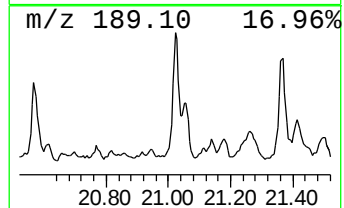
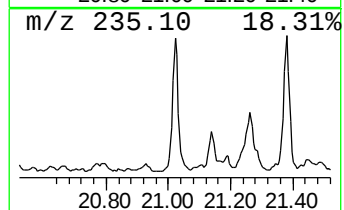
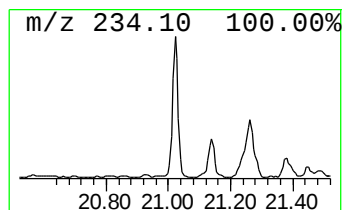
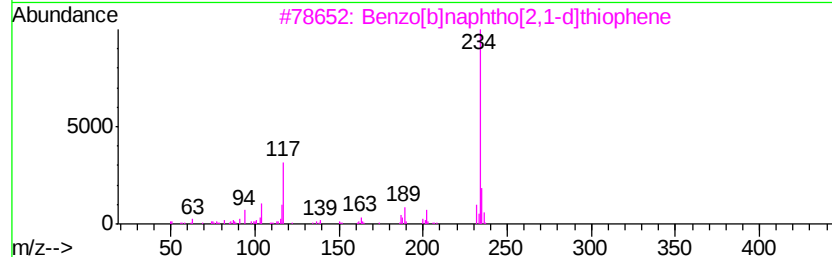
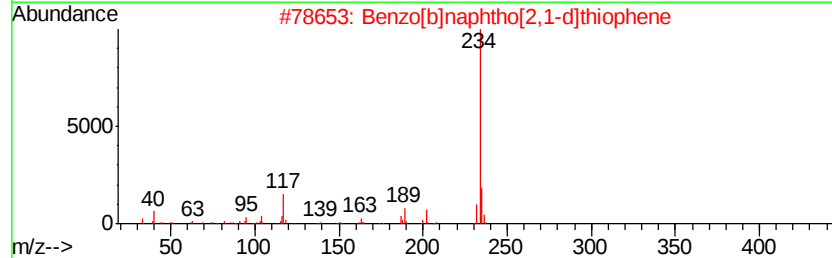
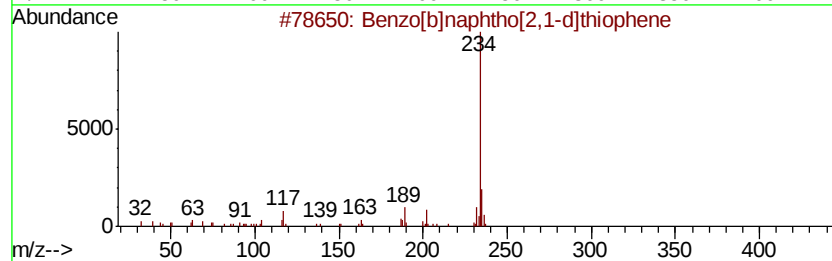
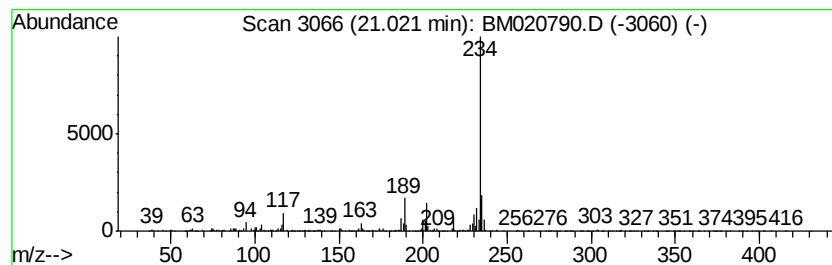
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.37 ng/u1	1997570	Chrysene-d12	21.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
4		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
5		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87



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Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
Operator : HP/JU
Sample : K3201-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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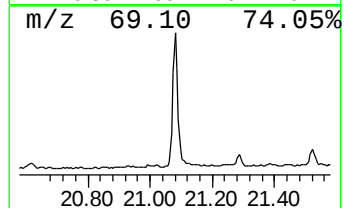
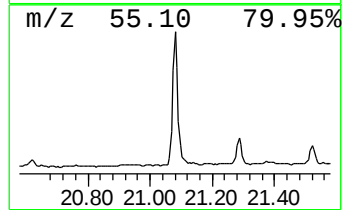
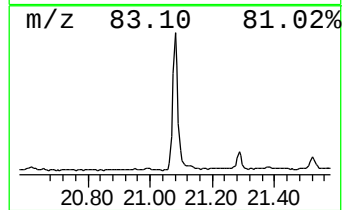
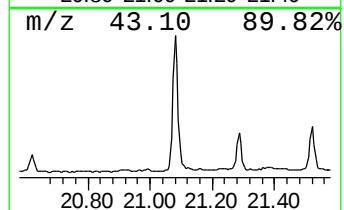
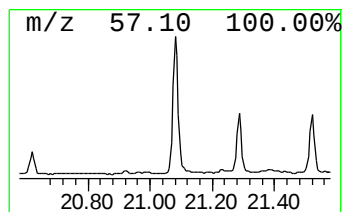
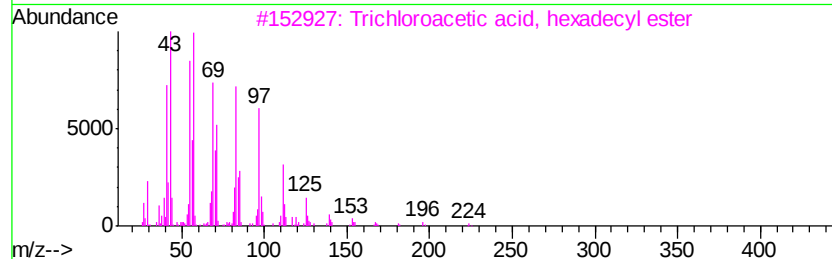
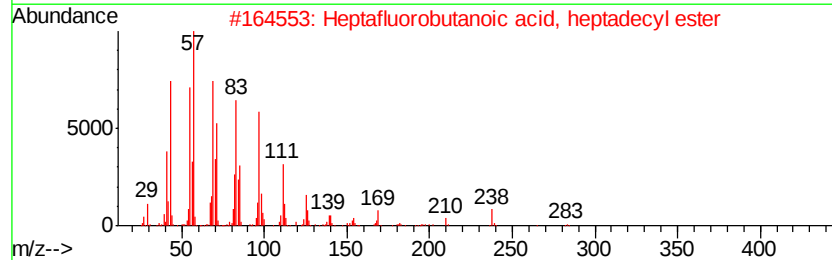
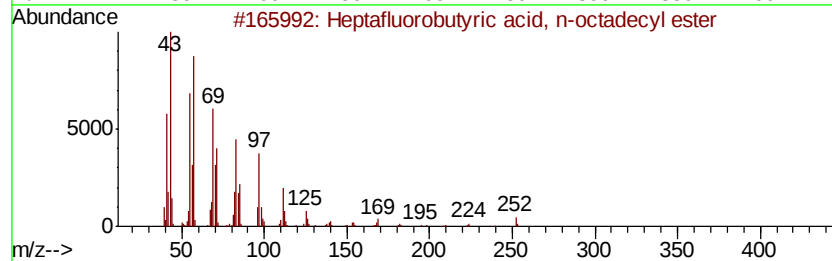
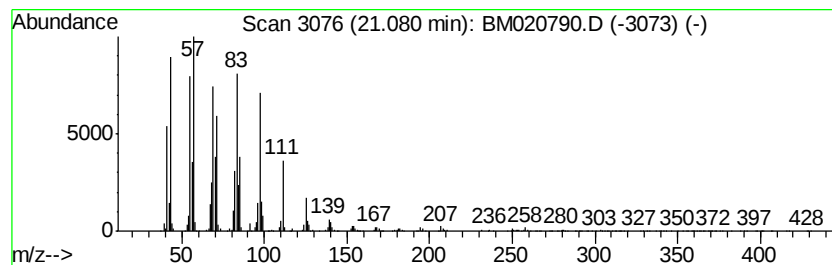
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Heptafluorobutyric acid, n-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	6.30 ng/ul	5316770	Chrysene-d12	21.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, n-octadecyl...	466	C22H37F7O2	000400-57-7	91
2		Heptafluorobutanoic acid, heptadecyl...	452	C21H35F7O2	1000282-97-3	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
5		Trifluoroacetic acid, n-heptadecyl...	324	C17H31F3O2	1000216-79-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
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Sample : K3201-16
Misc :
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ClientSampleId :
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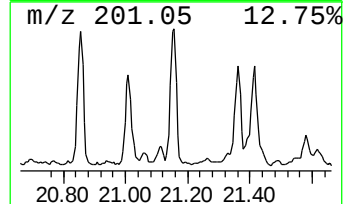
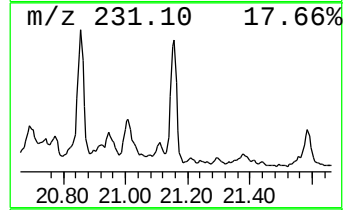
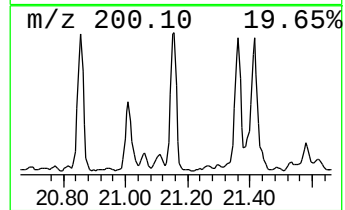
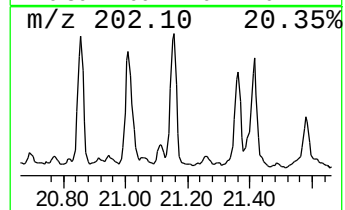
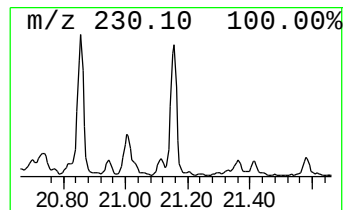
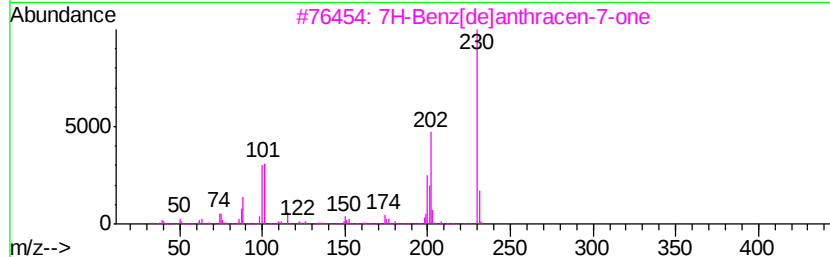
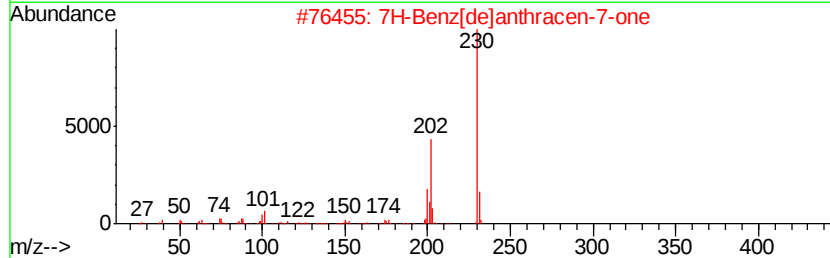
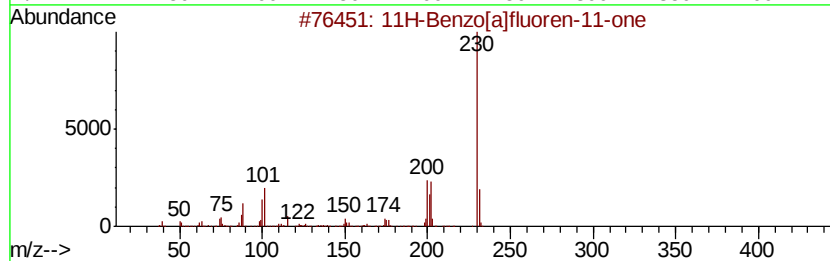
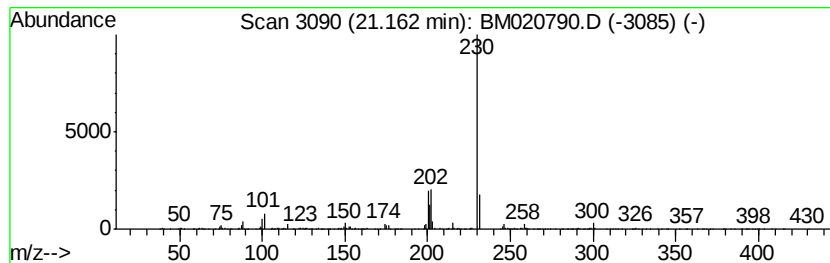
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 11H-Benzo[a]fluoren-11-one Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.66 ng/ul	2245150	Chrysene-d12	21.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
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Misc :
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ClientSampleId :
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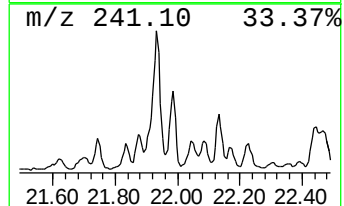
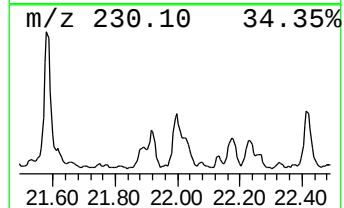
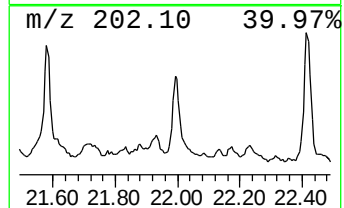
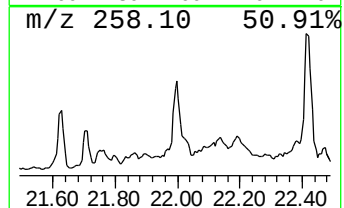
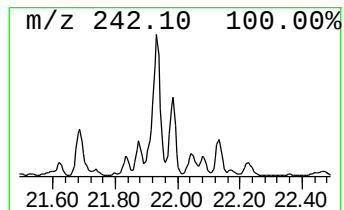
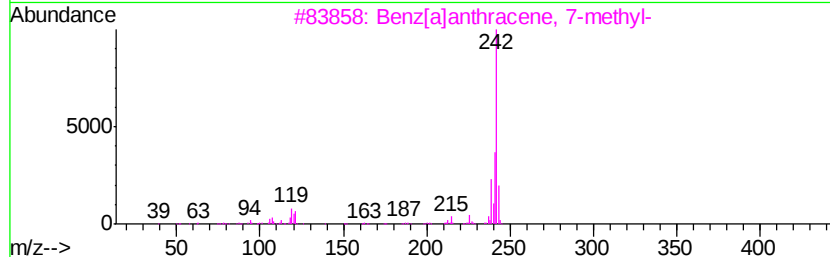
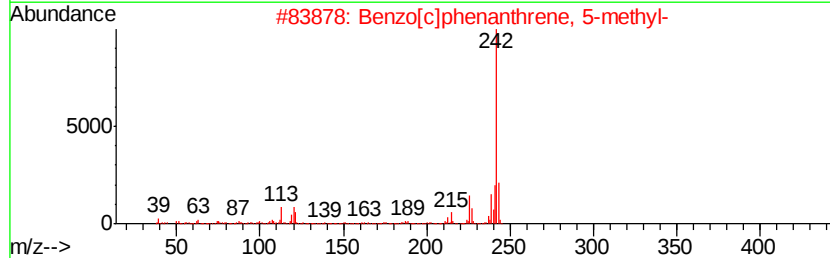
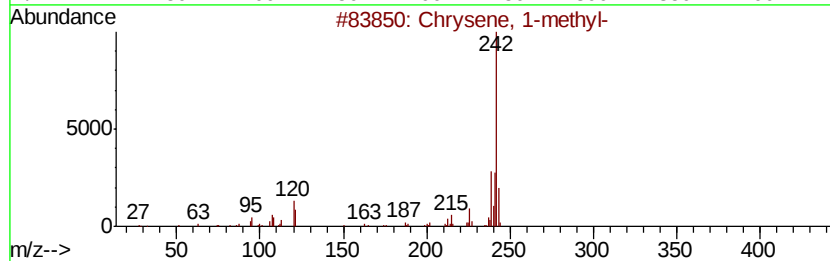
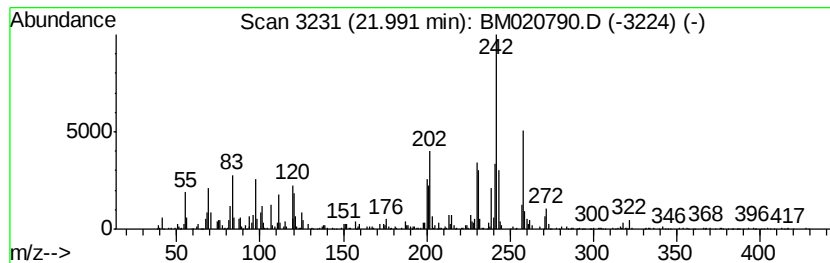
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Chrysene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	3.62 ng/ul	3054670	Chrysene-d12	21.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	98
2		Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	92
3		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
4		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
5		Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
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Sample : K3201-16
Misc :
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Instrument :
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ClientSampleId :
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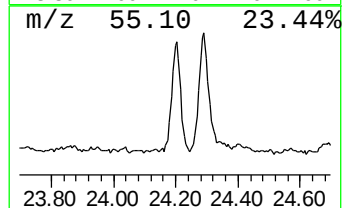
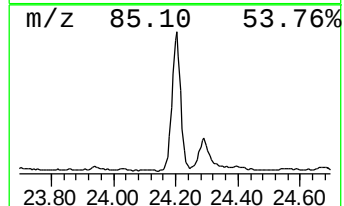
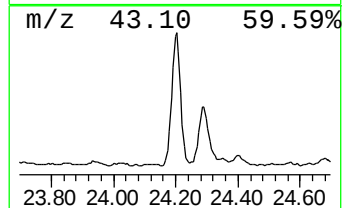
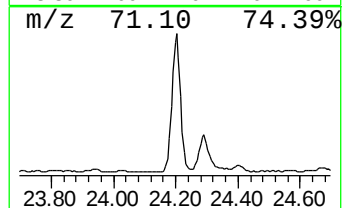
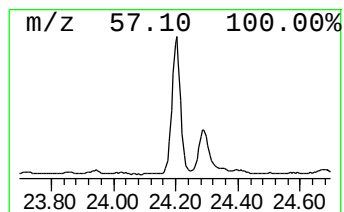
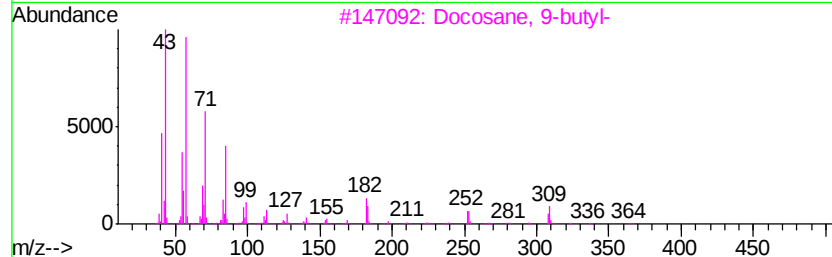
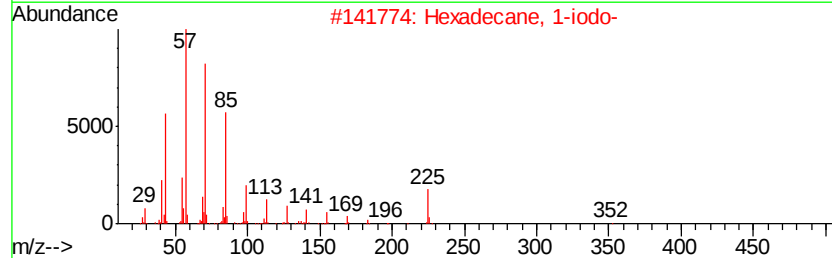
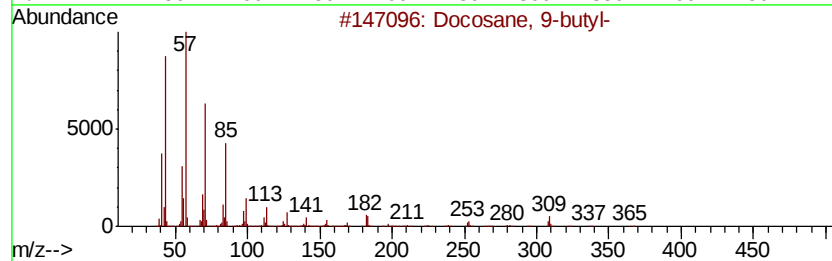
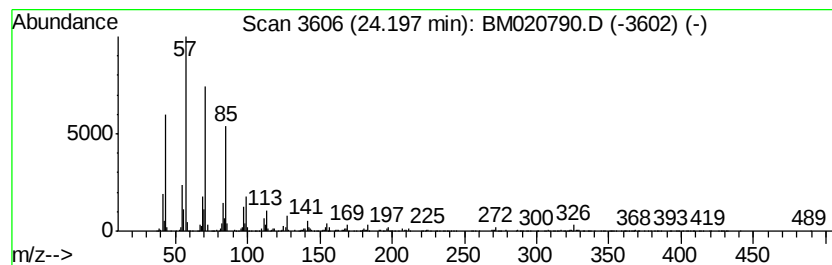
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	10.53 ng/ul	2506880	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
3		Docosane, 9-butyl-	366	C26H54	055282-14-9	91
4		Hexadecane	226	C16H34	000544-76-3	91
5		Docosane, 5-butyl-	366	C26H54	055282-16-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
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Sample : K3201-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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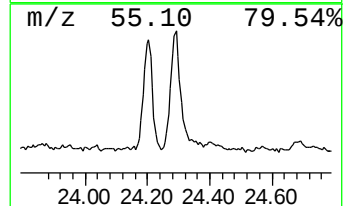
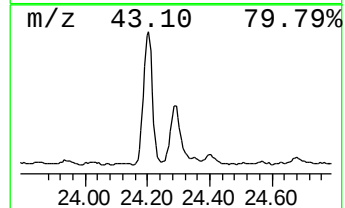
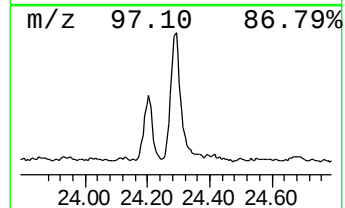
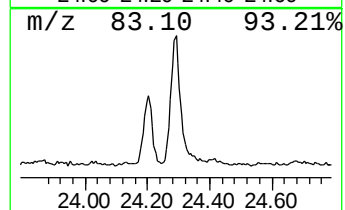
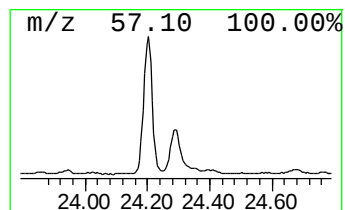
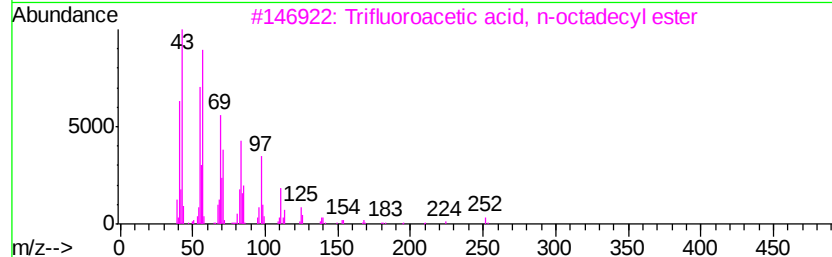
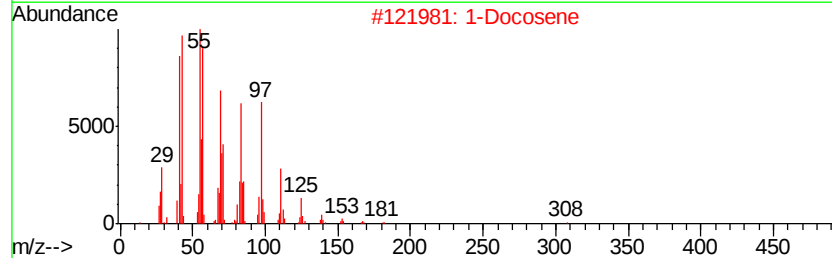
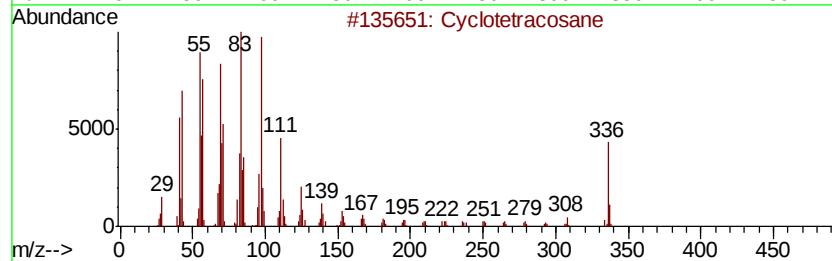
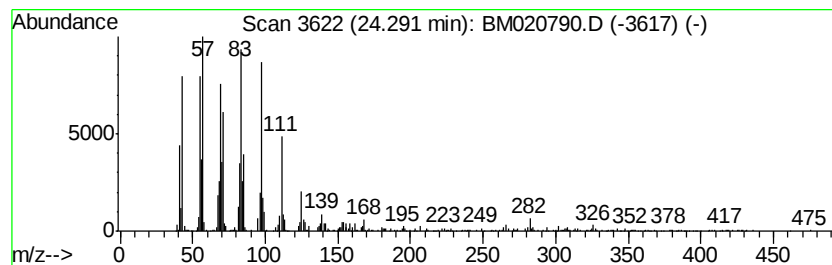
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.29	6.38 ng/ul	1519100	Perylene-d12	23.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetracosane	336	C24H48	000297-03-0	95
2			1-Docosene	308	C22H44	001599-67-3	95
3			Trifluoroacetic acid, n-octadecv...	366	C20H37F3O2	079392-43-1	91
4			Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	91
5			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
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Misc :
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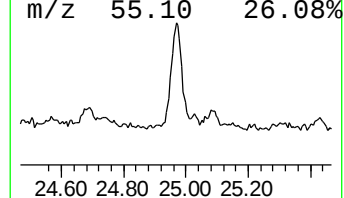
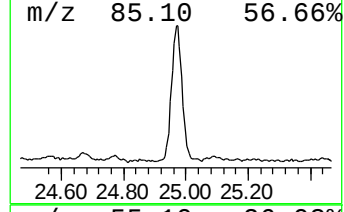
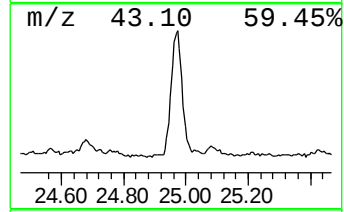
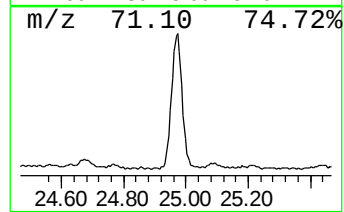
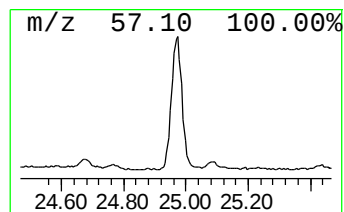
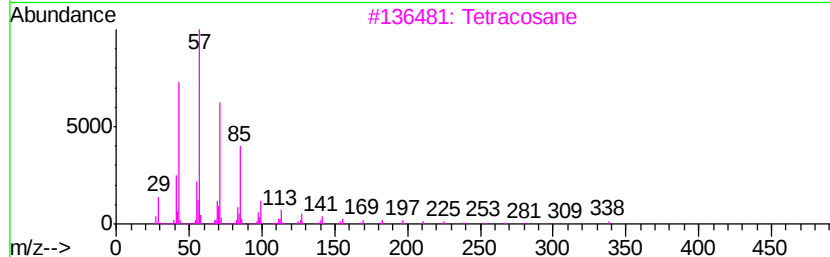
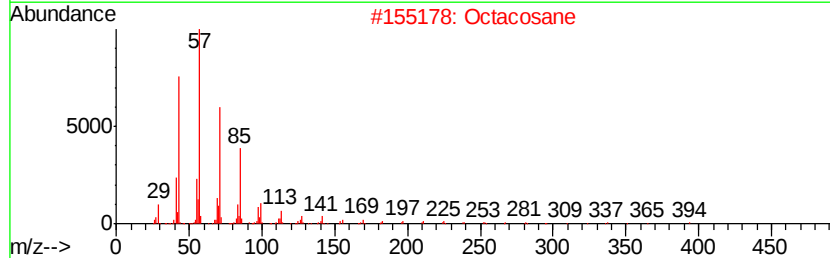
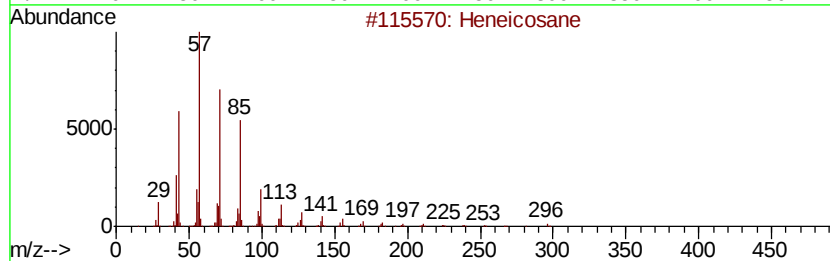
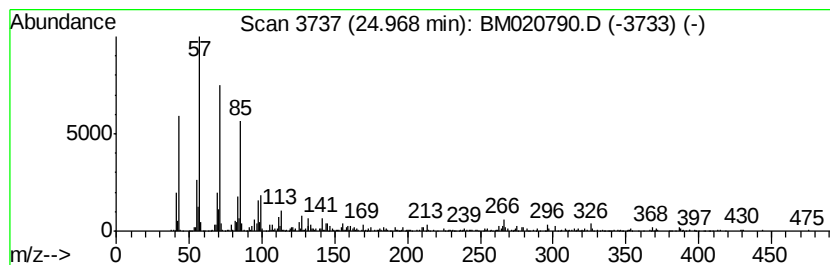
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.97	6.71 ng/ul	1598940	Perylene-d12	23.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	95
2			Octacosane	394	C28H58	000630-02-4	94
3			Tetracosane	338	C24H50	000646-31-1	93
4			Tetracosane	338	C24H50	000646-31-1	93
5			Eicosane	282	C20H42	000112-95-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060619\
 Data File : BM020790.D
 Acq On : 07 Jun 2019 07:14
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 Sample : K3201-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.05	126.7	ng/ul	15461600	1	7.81	2441040	20.0
1,3,5,7-Cycloocta...	5.81	2.7	ng/ul	332277	1	7.81	2441040	20.0
Dibenzofuran, 4-m...	15.79	2.4	ng/ul	585048	3	14.45	4981210	20.0
2,4,6-Cycloheptat...	15.94	2.5	ng/ul	620845	4	17.20	5010850	20.0
Azulene, 7-ethyl-...	16.17	2.0	ng/ul	513213	4	17.20	5010850	20.0
9H-Fluorene, 1-me...	16.50	3.2	ng/ul	799577	4	17.20	5010850	20.0
Naphtho[2,1-b]fur...	16.73	2.1	ng/ul	528997	4	17.20	5010850	20.0
9H-Fluoren-9-one	16.85	3.3	ng/ul	836255	4	17.20	5010850	20.0
Dibenzothiophene	17.02	2.8	ng/ul	693502	4	17.20	5010850	20.0
n-Hexadecanoic acid	18.09	22.7	ng/ul	5693470	4	17.20	5010850	20.0
Anthracene, 1-met...	18.12	11.4	ng/ul	2848450	4	17.20	5010850	20.0
Phenanthrene, 2-m...	18.20	3.8	ng/ul	960919	4	17.20	5010850	20.0
Benzaldehyde, 3,5...	18.26	13.3	ng/ul	3327350	4	17.20	5010850	20.0
Phenanthrene, 1-m...	18.30	5.2	ng/ul	1311670	4	17.20	5010850	20.0
2-Phenylnaphthalene	18.57	5.6	ng/ul	1398930	4	17.20	5010850	20.0
9,10-Anthracenedione	18.62	5.7	ng/ul	1435900	4	17.20	5010850	20.0
Phenanthrene, 4,5...	18.82	2.9	ng/ul	723024	4	17.20	5010850	20.0
Phenanthrene, 2,5...	18.99	7.2	ng/ul	1798160	4	17.20	5010850	20.0
Cyclopenta(def)ph...	19.13	5.8	ng/ul	1454880	4	17.20	5010850	20.0
Octadecanoic acid	19.37	2.4	ng/ul	2034990	5	21.38	16869200	20.0
Pyrene, 1-methyl-	19.94	3.6	ng/ul	3052920	5	21.38	16869200	20.0
11H-Benzo[b]fluorene	20.11	2.9	ng/ul	2407440	5	21.38	16869200	20.0
Benzo[b]naphtho[2...	21.02	2.4	ng/ul	1997570	5	21.38	16869200	20.0
Heptafluorobutyri...	21.08	6.3	ng/ul	5316770	5	21.38	16869200	20.0
11H-Benzo[a]fluor...	21.16	2.7	ng/ul	2245150	5	21.38	16869200	20.0
Chrysene, 1-methyl-	21.99	3.6	ng/ul	3054670	5	21.38	16869200	20.0
(DEL) Alkane: Str...	24.20	10.5	ng/ul	2506880	6	23.66	4762450	20.0
(DEL) Alkane: Str...	24.29	6.4	ng/ul	1519100	6	23.66	4762450	20.0
(DEL) Alkane: Str...	24.97	6.7	ng/ul	1598940	6	23.66	4762450	20.0