

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
 Data File : BM017328.D
 Acq On : 24 Oct 2018 21:42
 Operator : MJ/SJ
 Sample : J5598-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE1

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-BM102418MA.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	6.834	646	654	673	rBV2	700486	1522216	9.45%	0.883%
2	6.998	676	682	694	rBV	569723	883471	5.48%	0.513%
3	7.192	706	715	725	rBV	745149	1166689	7.24%	0.677%
4	7.657	787	794	802	rBV	1189888	1846551	11.46%	1.072%
5	8.186	877	884	893	rBV2	42676	83697	0.52%	0.049%
6	8.363	906	914	924	rBV	896134	1468389	9.11%	0.852%
7	8.810	981	990	998	rBV	694254	1149273	7.13%	0.667%
8	9.522	1104	1111	1118	rBV	581737	964063	5.98%	0.560%
9	10.057	1194	1202	1215	rBV	852704	1535183	9.53%	0.891%
10	10.427	1257	1265	1271	rBV	1752115	2931613	18.19%	1.701%
11	10.480	1271	1274	1280	rVB	112277	167990	1.04%	0.097%
12	10.574	1283	1290	1305	rBV	727836	1352187	8.39%	0.785%
13	11.969	1519	1527	1533	rBV	59917	117506	0.73%	0.068%
14	12.098	1543	1549	1558	rBV	59170	95287	0.59%	0.055%
15	13.715	1818	1824	1828	rVV	1740543	2397886	14.88%	1.392%
16	13.762	1828	1832	1838	rVV	410550	595968	3.70%	0.346%
17	13.986	1859	1870	1886	rBV2	1983619	3396495	21.08%	1.971%
18	14.298	1916	1923	1930	rBV2	2606468	4054902	25.17%	2.353%
19	14.362	1930	1934	1942	rVB3	34784	69526	0.43%	0.040%
20	14.521	1953	1961	1981	rBV	426482	1076316	6.68%	0.625%
21	14.698	1986	1991	1995	rVV	133033	207546	1.29%	0.120%
22	15.298	2086	2093	2099	rBV	2575912	3728766	23.14%	2.164%
23	15.345	2099	2101	2109	rVV5	38704	71598	0.44%	0.042%
24	15.421	2109	2114	2125	rVV	788760	1114629	6.92%	0.647%
25	15.533	2128	2133	2139	rBV3	30388	65080	0.40%	0.038%
26	15.798	2169	2178	2185	rVB5	34009	85104	0.53%	0.049%
27	16.027	2212	2217	2225	rBV3	74733	149680	0.93%	0.087%
28	16.627	2315	2319	2323	rVV3	45194	71889	0.45%	0.042%
29	16.703	2327	2332	2339	rVB	138462	212284	1.32%	0.123%
30	16.868	2357	2360	2369	rVB2	50503	83631	0.52%	0.049%
31	17.051	2383	2391	2395	rBV	3470494	5088466	31.58%	2.953%
32	17.092	2395	2398	2402	rVV	561213	765754	4.75%	0.444%
33	17.145	2402	2407	2411	rVV2	2803976	4158365	25.81%	2.413%
34	17.180	2411	2413	2419	rVV	509104	639172	3.97%	0.371%

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35	17.245	2419	2424	2429	rVB3	62960	120975	0.75%	0.070%
36	17.456	2452	2460	2465	rBV2	143714	300672	1.87%	0.174%
37	17.568	2474	2479	2486	rVB3	84610	152654	0.95%	0.089%
38	17.921	2531	2539	2541	rBV4	107387	203438	1.26%	0.118%
39	17.956	2541	2545	2554	rVB3	416172	732333	4.55%	0.425%
40	18.050	2558	2561	2566	rVB	76164	108130	0.67%	0.063%
41	18.121	2567	2573	2577	rBV2	201183	385352	2.39%	0.224%
42	18.245	2591	2594	2598	rBV3	45105	57361	0.36%	0.033%
43	18.321	2603	2607	2613	rVB2	105329	146682	0.91%	0.085%
44	18.433	2622	2626	2629	rBV	95206	118742	0.74%	0.069%
45	18.474	2629	2633	2640	rVB	183497	264855	1.64%	0.154%
46	18.674	2664	2667	2672	rVB2	73176	85050	0.53%	0.049%
47	18.727	2672	2676	2679	rVB	59466	71511	0.44%	0.042%
48	18.768	2679	2683	2688	rVB	97501	128934	0.80%	0.075%
49	18.856	2692	2698	2702	rBV2	196501	389302	2.42%	0.226%
50	18.903	2702	2706	2710	rVV4	84360	165546	1.03%	0.096%
51	18.939	2710	2712	2716	rVB	61351	66339	0.41%	0.039%
52	18.992	2716	2721	2728	rBV	641253	958910	5.95%	0.557%
53	19.115	2733	2742	2749	rBV	6255981	8390258	52.07%	4.869%
54	19.180	2749	2753	2755	rBV	105239	140825	0.87%	0.082%
55	19.209	2755	2758	2761	rBV	102630	123620	0.77%	0.072%
56	19.244	2761	2764	2765	rBV	81935	83632	0.52%	0.049%
57	19.356	2777	2783	2787	rVB3	146450	288916	1.79%	0.168%
58	19.450	2793	2799	2801	rBV2	4317538	6773223	42.04%	3.931%
59	19.480	2801	2804	2812	rVV	7191068	9252476	57.42%	5.370%
60	19.550	2812	2816	2823	rVB2	260049	457053	2.84%	0.265%
61	19.656	2830	2834	2839	rBV	328506	496974	3.08%	0.288%
62	19.721	2840	2845	2850	rVB2	480601	731950	4.54%	0.425%
63	19.815	2853	2861	2866	rBV3	583134	1376790	8.54%	0.799%
64	19.944	2877	2883	2892	rBV4	619213	1927248	11.96%	1.118%
65	20.074	2902	2905	2908	rBV	196463	223292	1.39%	0.130%
66	20.133	2908	2915	2919	rBV2	769825	1382372	8.58%	0.802%
67	20.168	2919	2921	2925	rVB	206428	237886	1.48%	0.138%
68	20.209	2926	2928	2933	rVB	126606	158511	0.98%	0.092%
69	20.274	2934	2939	2942	rBV	650661	852107	5.29%	0.495%
70	20.315	2942	2946	2951	rVV3	362829	560089	3.48%	0.325%
71	20.391	2957	2959	2964	rVB2	91912	99592	0.62%	0.058%

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72	20.639	2998	3001	3004	rVB3	167233	190068	1.18%	0.110%
73	20.680	3006	3008	3011	rVB3	145472	138116	0.86%	0.080%
74	20.721	3011	3015	3022	rBV	1215899	1647631	10.23%	0.956%
75	20.886	3037	3043	3047	rBV2	862717	1664955	10.33%	0.966%
76	20.927	3047	3050	3053	rVV	959101	1185831	7.36%	0.688%
77	20.962	3053	3056	3062	rVV2	1735322	2622819	16.28%	1.522%
78	21.021	3062	3066	3071	rVB2	827176	1091323	6.77%	0.633%
79	21.238	3094	3103	3108	rBV2	6792732	16112468	100.00%	9.351%
80	21.280	3108	3110	3121	rVB	5232268	6589634	40.90%	3.824%
81	21.409	3128	3132	3137	rBV6	464540	911142	5.65%	0.529%
82	21.544	3152	3155	3161	rBV2	548514	991581	6.15%	0.575%
83	21.603	3162	3165	3169	rVV3	397376	501921	3.12%	0.291%
84	21.791	3194	3197	3201	rVB	730360	912894	5.67%	0.530%
85	21.838	3201	3205	3211	rVB3	838034	1388183	8.62%	0.806%
86	21.985	3226	3230	3232	rBV	394248	540859	3.36%	0.314%
87	22.262	3274	3277	3279	rBV	269561	346957	2.15%	0.201%
88	22.291	3280	3282	3291	rVB3	516877	821936	5.10%	0.477%
89	22.538	3319	3324	3337	rVB3	532563	1453992	9.02%	0.844%
90	22.797	3361	3368	3373	rBV2	6880541	15479328	96.07%	8.984%
91	22.962	3392	3396	3401	rBV	774966	1146183	7.11%	0.665%
92	23.091	3414	3418	3428	rBV	396876	870811	5.40%	0.505%
93	23.268	3442	3448	3452	rBV	3197605	5788790	35.93%	3.360%
94	23.315	3452	3456	3460	rVV	2999899	5508572	34.19%	3.197%
95	23.362	3460	3464	3471	rVB	3190892	5689294	35.31%	3.302%
96	23.456	3473	3480	3485	rVV	3372704	6857695	42.56%	3.980%
97	23.503	3485	3488	3496	rVB2	890353	1715246	10.65%	0.995%
98	23.979	3565	3569	3578	rVB2	710250	1357230	8.42%	0.788%
99	25.656	3847	3854	3868	rVB2	1711602	4914922	30.50%	2.852%
100	26.338	3963	3970	3979	rVB	944764	2536417	15.74%	1.472%

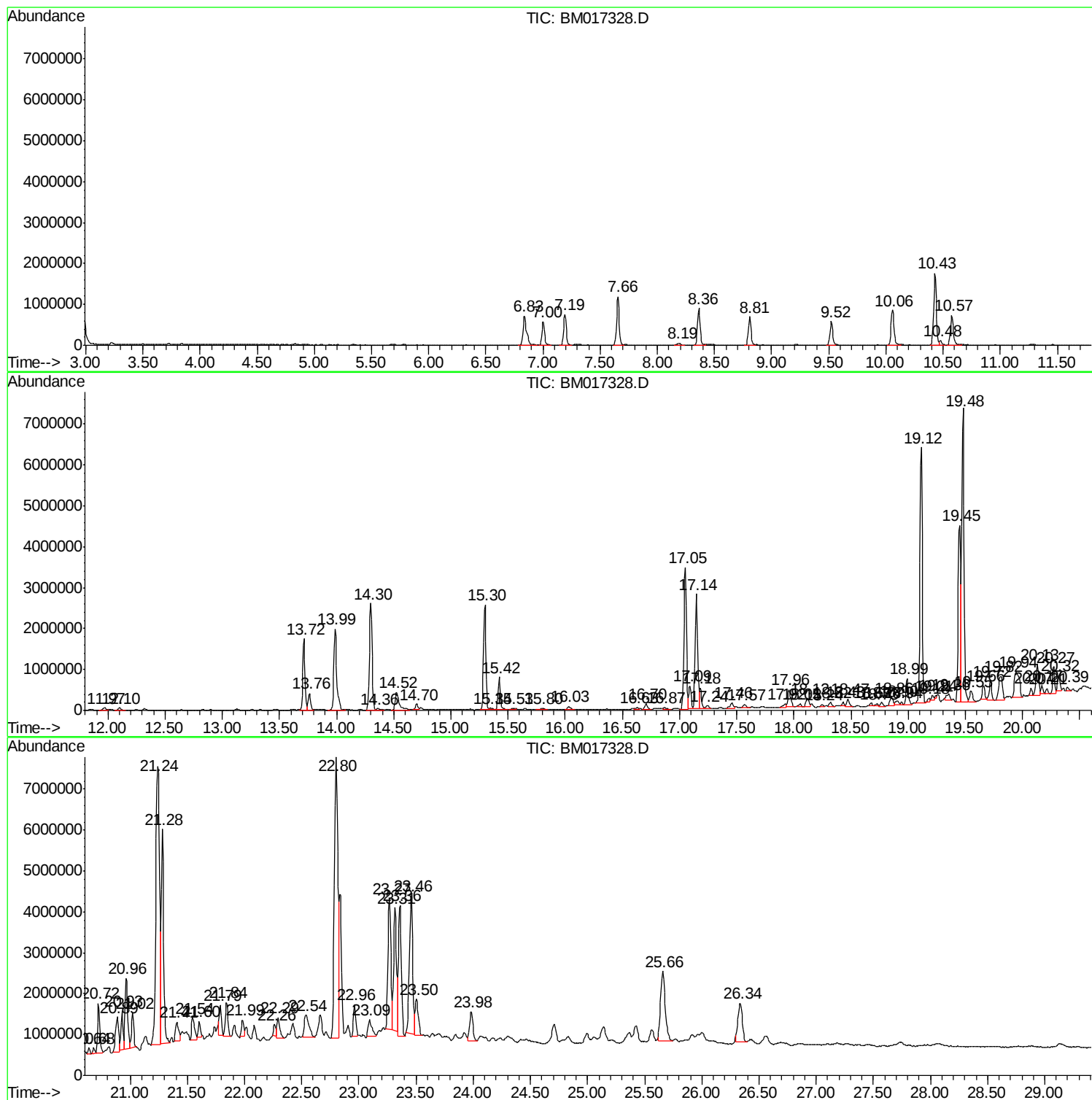
Sum of corrected areas: 172307570

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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



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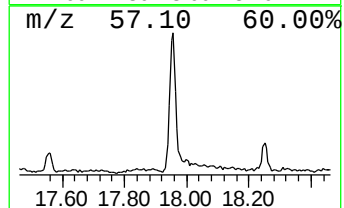
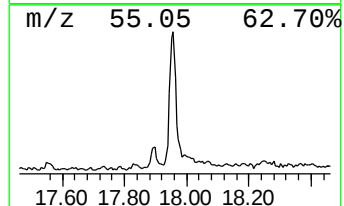
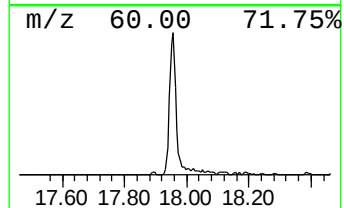
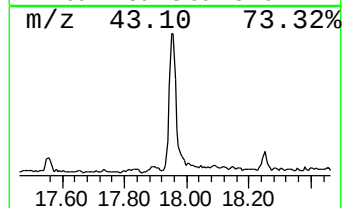
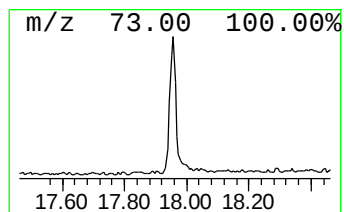
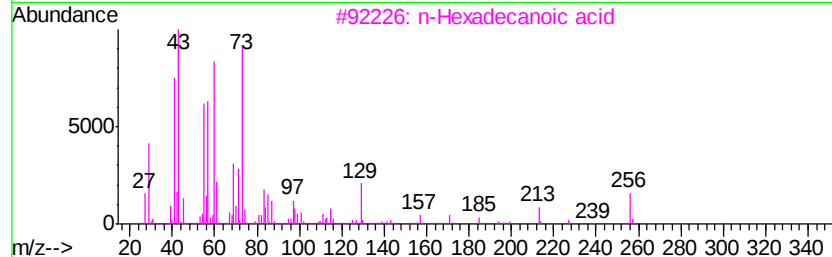
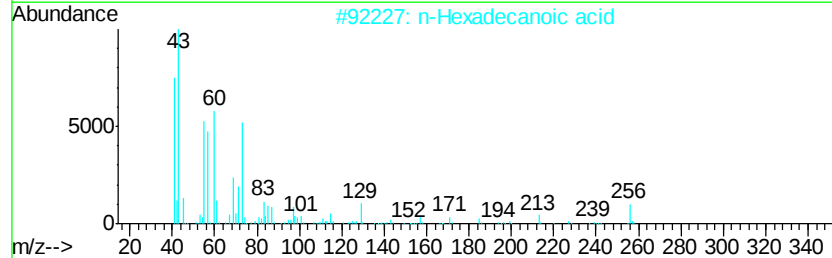
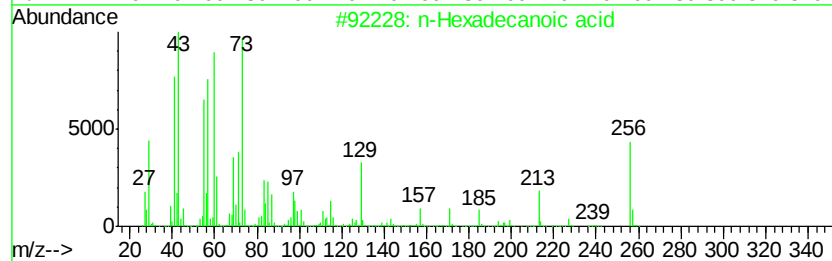
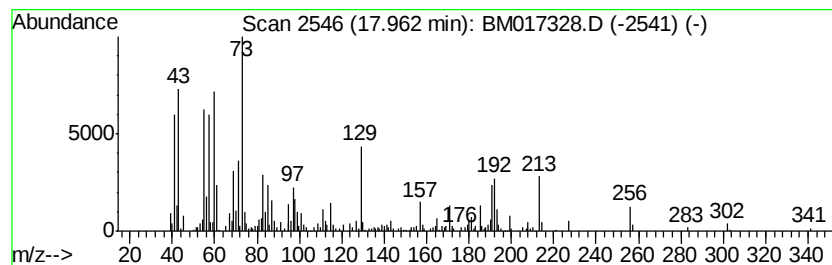
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.88 ng/ul	732333	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	93
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



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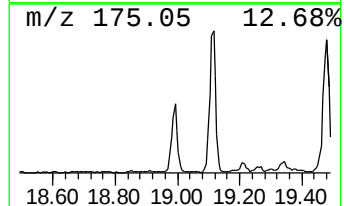
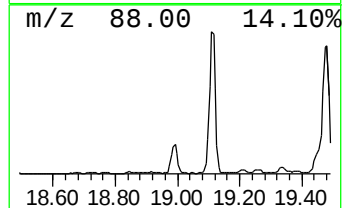
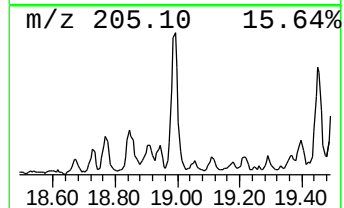
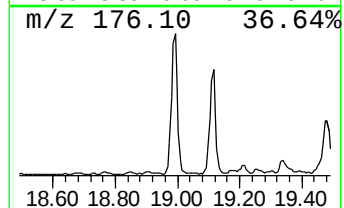
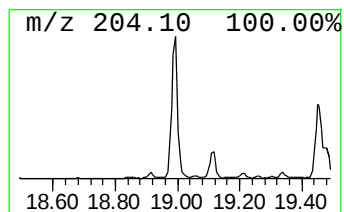
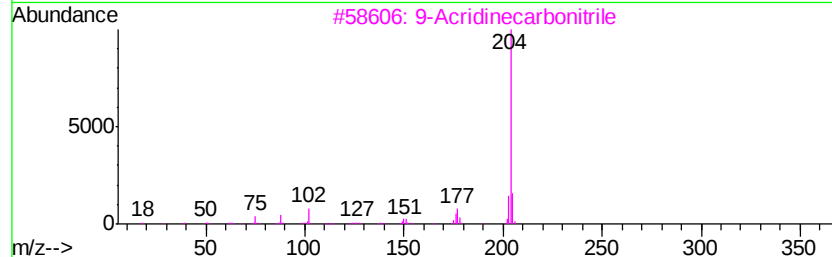
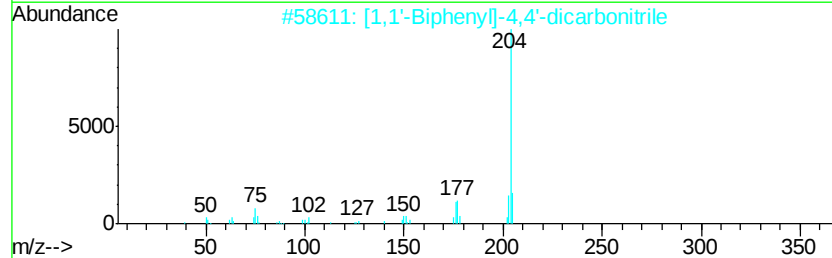
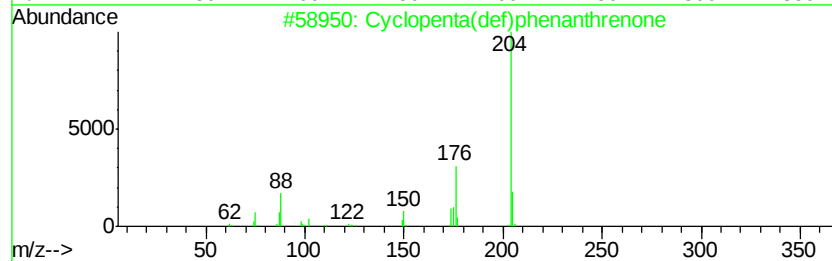
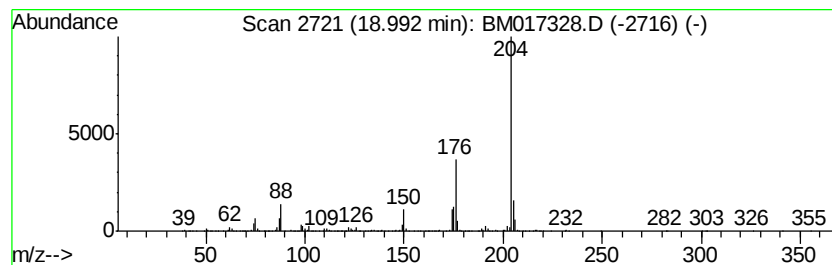
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	3.77 ng/ul	958910	Phenanthrene-d10	17.05

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	50
3		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
4		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	50
5		(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13N03	1000147-59-7	45



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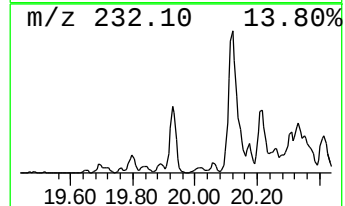
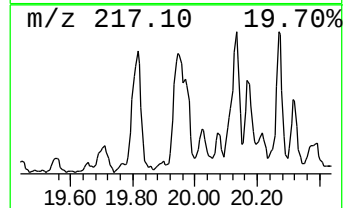
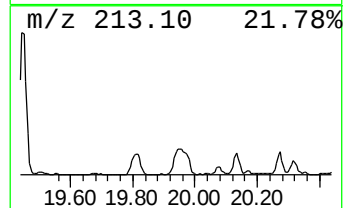
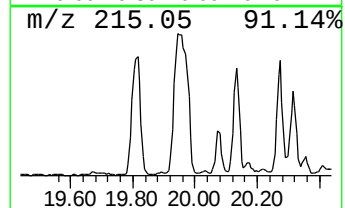
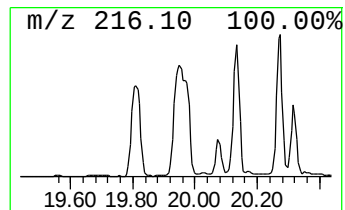
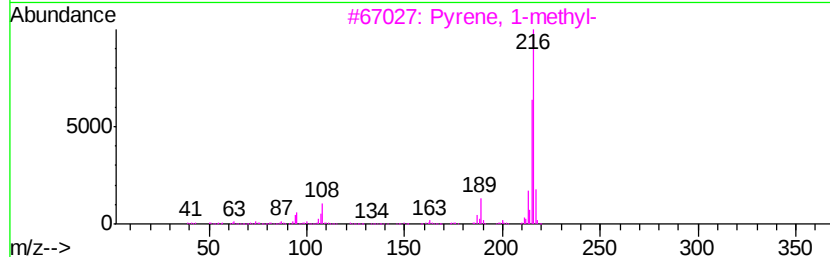
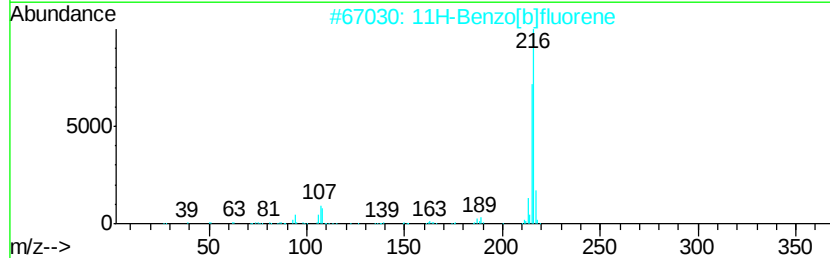
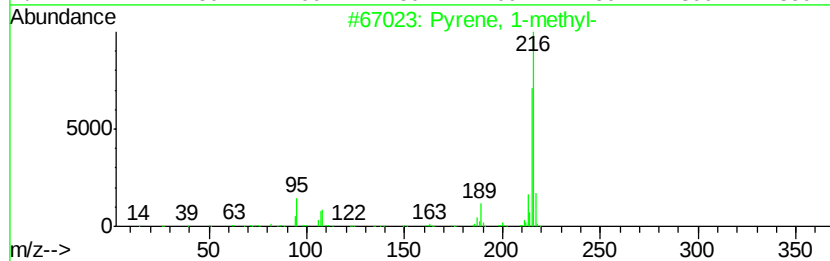
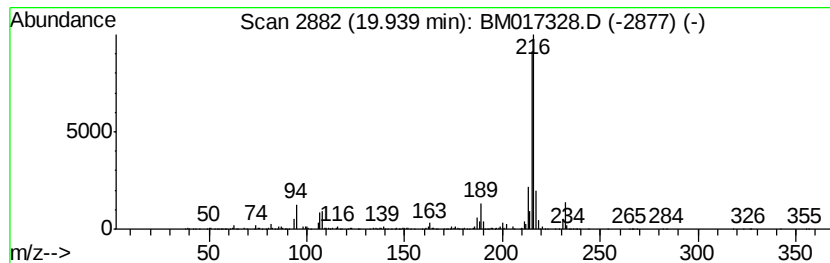
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Peak Number 3 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	2.39 ng/ul	1927250	Chrysene-d12	21.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pyrene, 1-methyl-	216 C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216 C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216 C17H12	002381-21-7	91
4	Pyrene, 1-methyl-	216 C17H12	002381-21-7	90
5	11H-Benzo[a]fluorene	216 C17H12	000238-84-6	87



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Data File : BM017328.D
Acq On : 24 Oct 2018 21:42
Operator : MJ/SJ
Sample : J5598-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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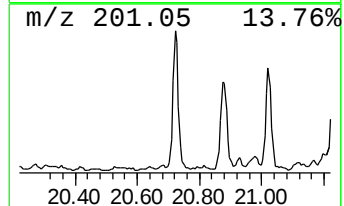
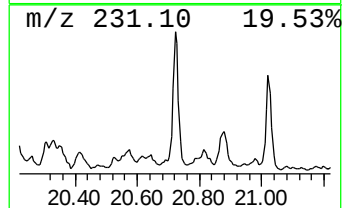
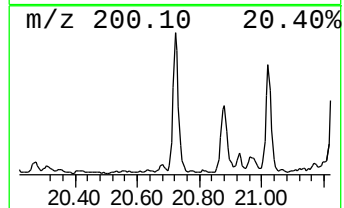
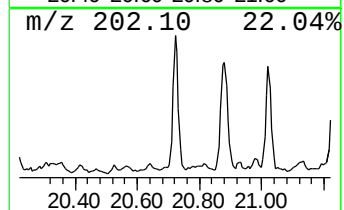
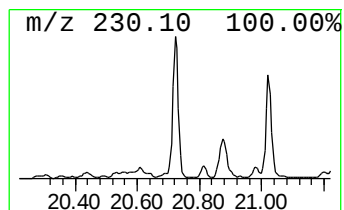
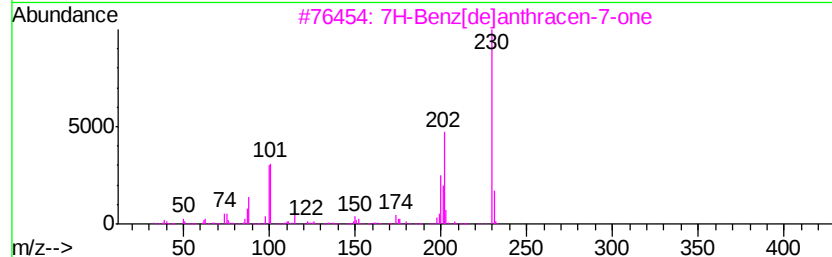
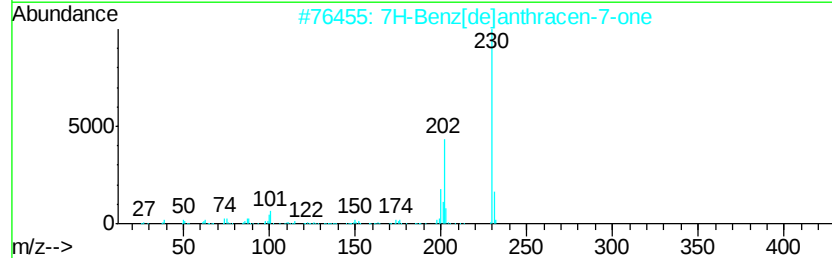
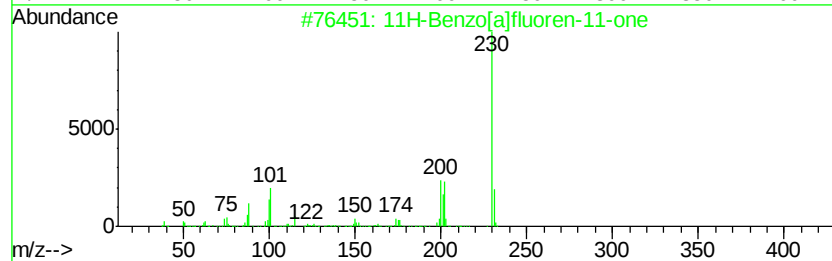
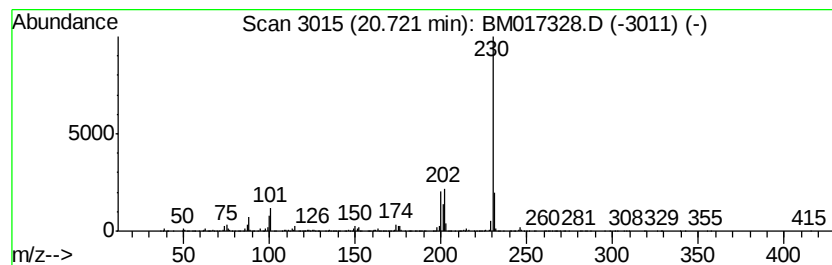
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	2.05 ng/ul	1647630	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
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	76
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017328.D
Acq On : 24 Oct 2018 21:42
Operator : MJ/SJ
Sample : J5598-10
Misc :
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ClientSampleId :
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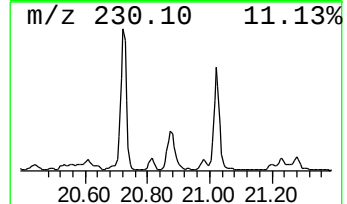
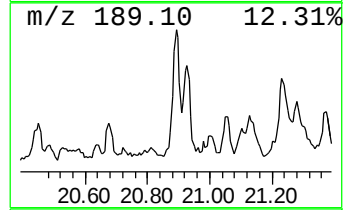
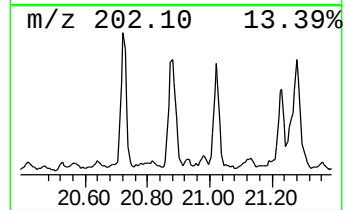
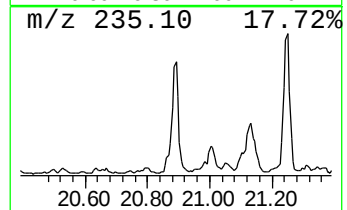
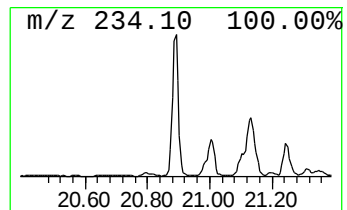
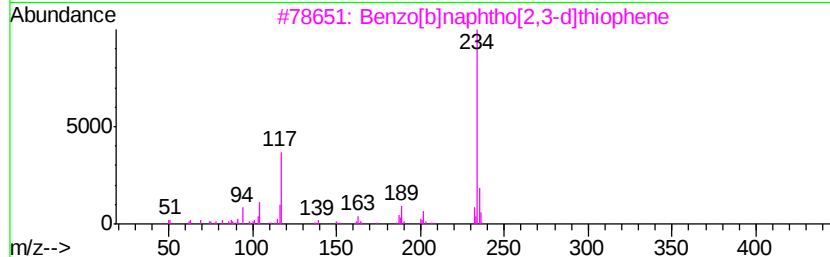
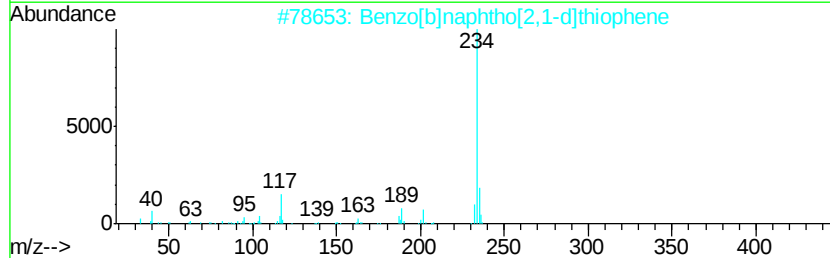
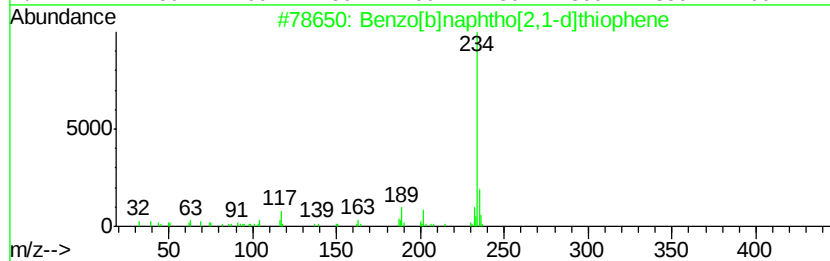
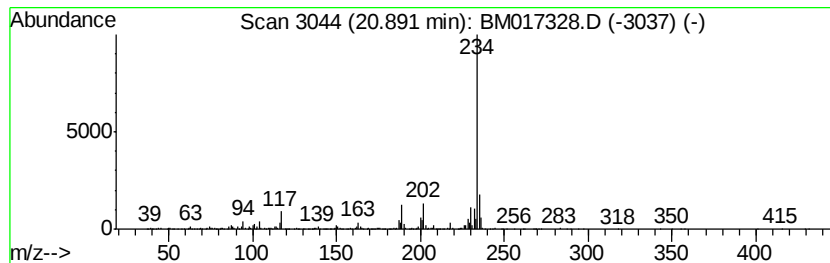
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.07 ng/u1	1664960	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
3		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
4		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
5		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62



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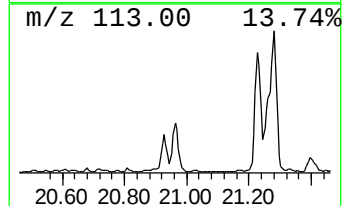
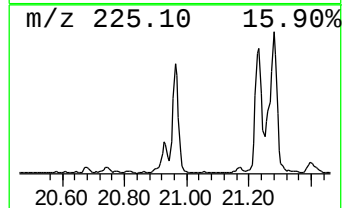
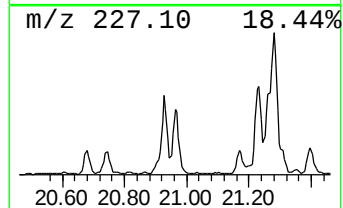
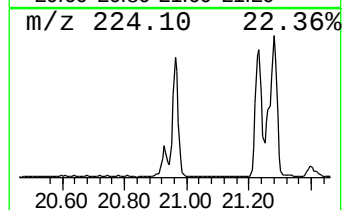
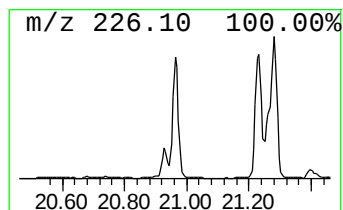
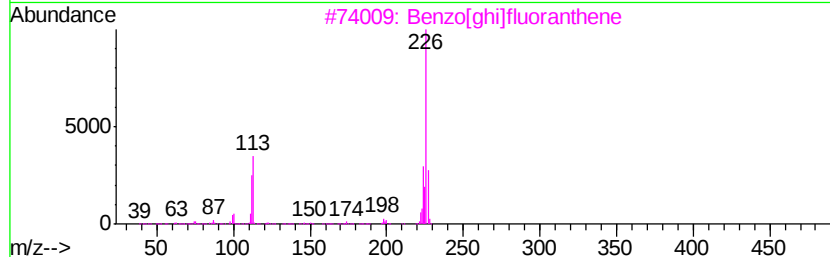
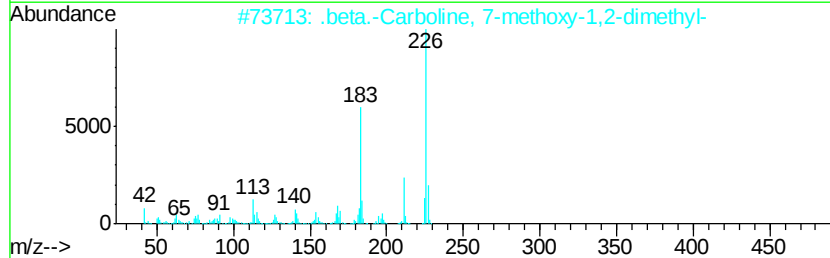
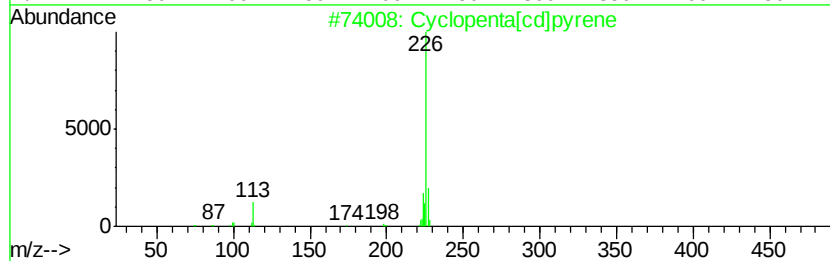
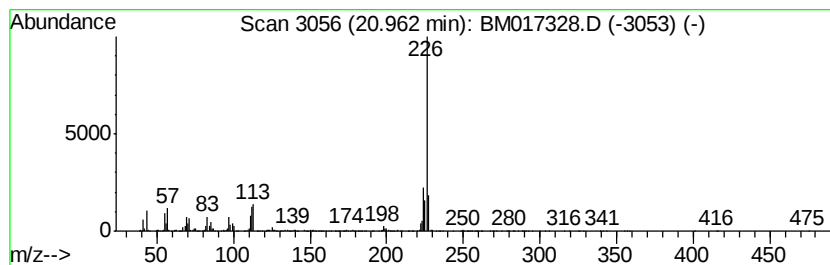
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Cyclopenta[cd]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	3.26 ng/ul	2622820	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	94
2		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
3		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	47
4		9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38
5		9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	33



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
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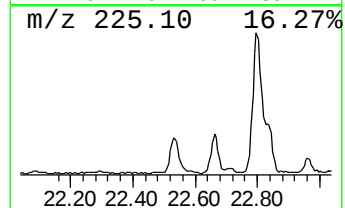
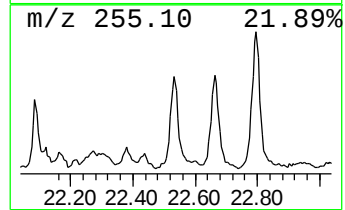
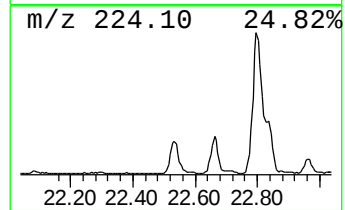
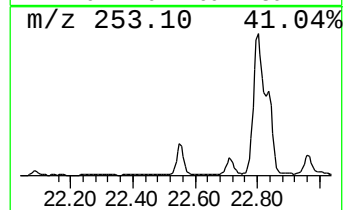
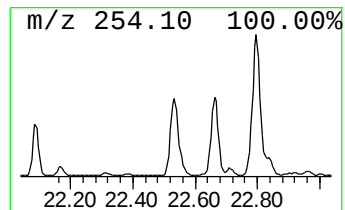
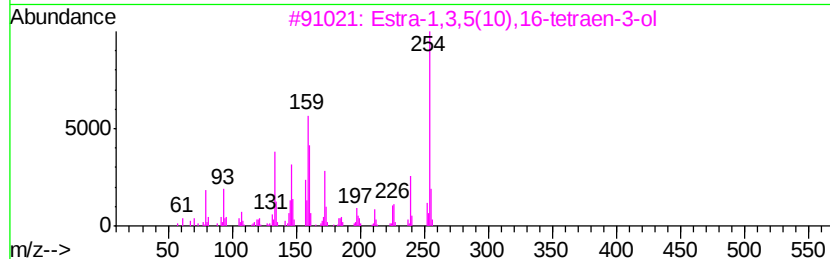
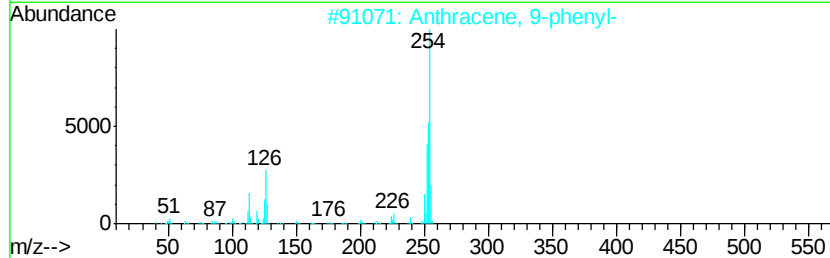
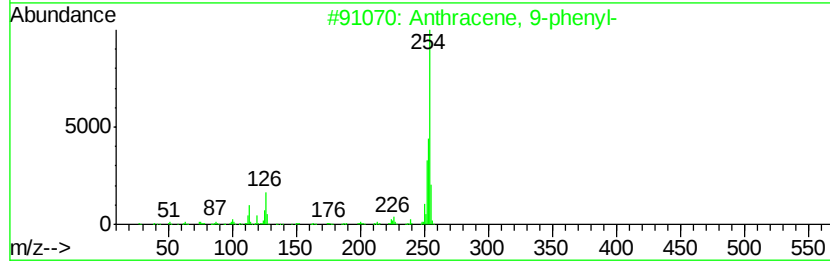
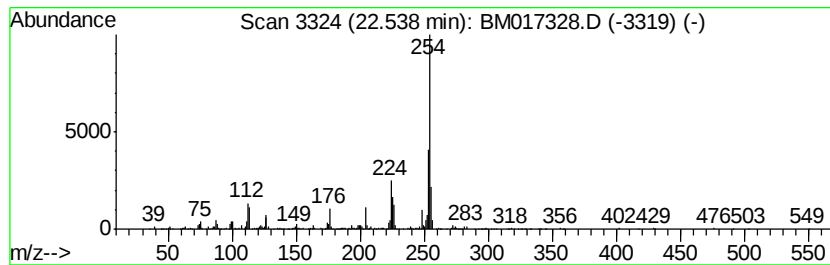
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Anthracene, 9-phenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	4.24 ng/ul	1453990	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	68
2		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	58
3		Estra-1,3,5(10),16-tetraen-3-ol	254	C18H22O	001150-90-9	55
4		Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	49
5		3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017328.D
Acq On : 24 Oct 2018 21:42
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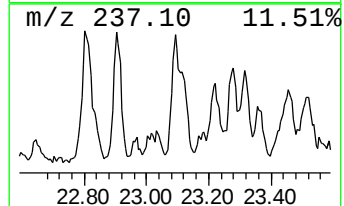
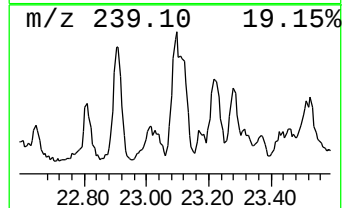
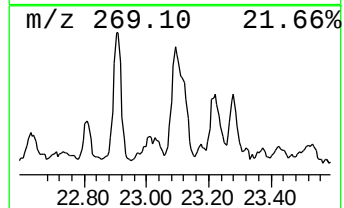
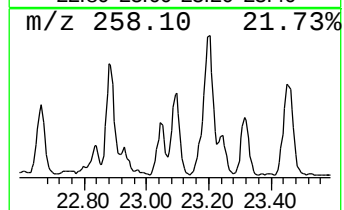
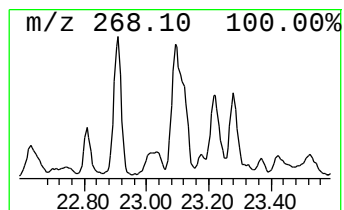
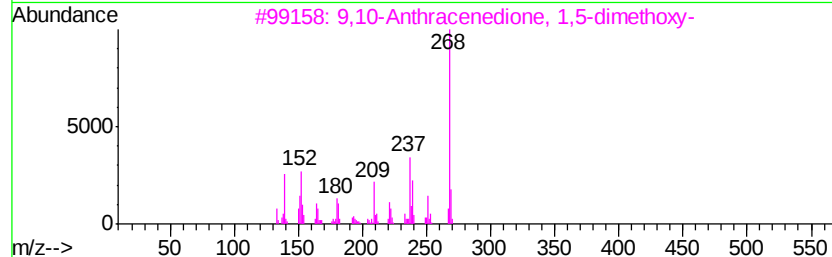
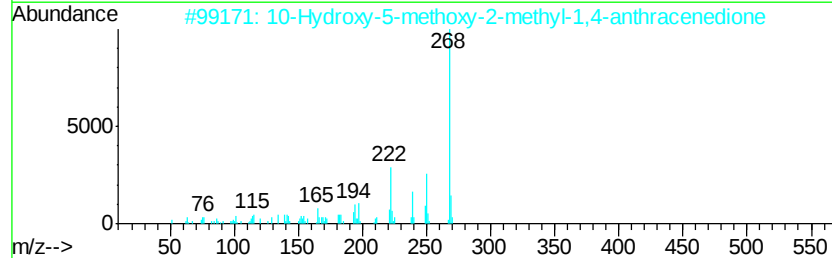
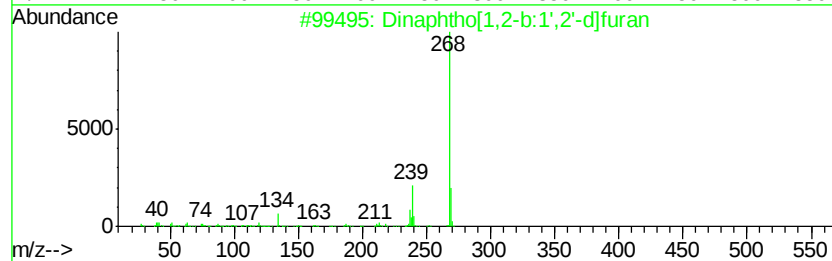
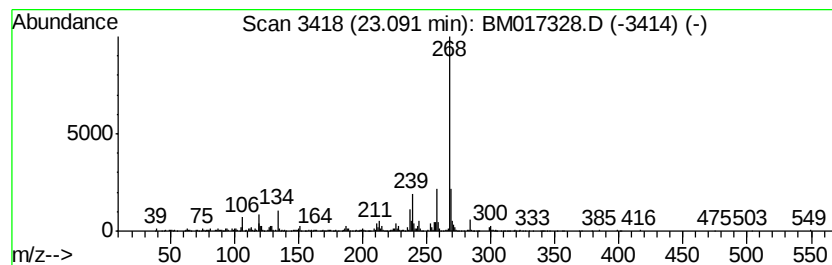
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.09	2.54 ng/ul	870811	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	62
2		10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	58
3		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53
4		N4,N4'-Dipropyl-biphenyl-4,4'-di...	268	C18H24N2	017576-22-6	53
5		1,2,3,4-Tetrahydro-1,4-ethanoant...	268	C18H20O2	177205-54-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017328.D
Acq On : 24 Oct 2018 21:42
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Sample : J5598-10
Misc :
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Instrument :
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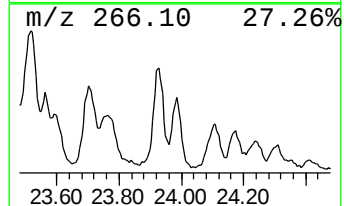
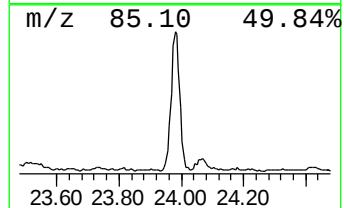
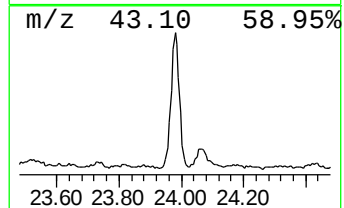
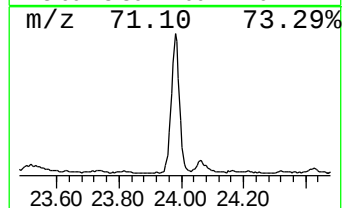
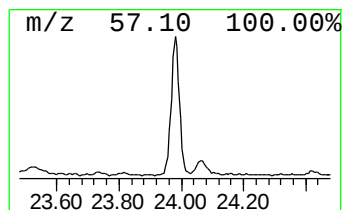
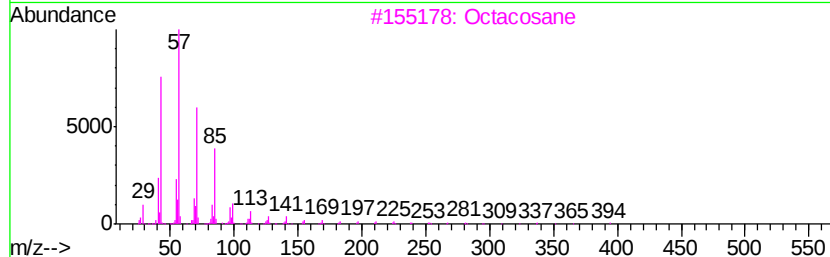
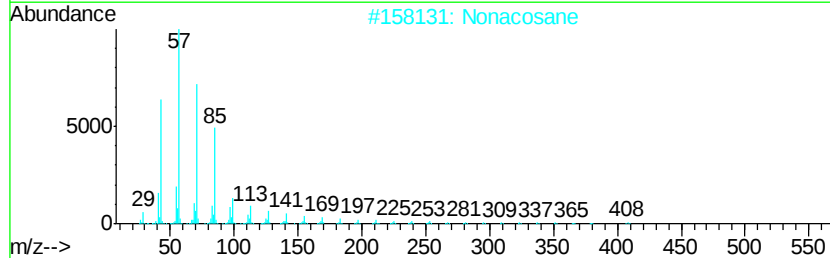
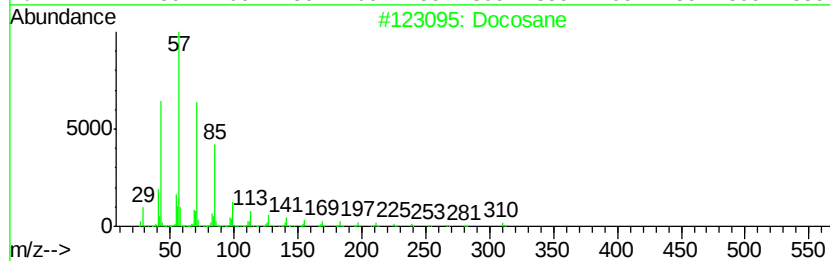
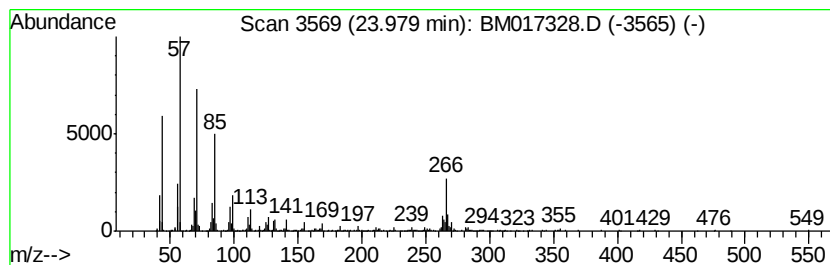
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	3.96 ng/ul	1357230	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	89
2		Nonacosane	408	C29H60	000630-03-5	76
3		Octacosane	394	C28H58	000630-02-4	76
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	76
5		Eicosane	282	C20H42	000112-95-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017328.D
Acq On : 24 Oct 2018 21:42
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Sample : J5598-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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
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Cyclopenta(def)ph...	18.99	3.8	ng/ul	958910	4	17.05	5088470	20.0
Pyrene, 1-methyl-	19.94	2.4	ng/ul	1927250	5	21.24	16112500	20.0
11H-Benzo[a]fluor...	20.72	2.0	ng/ul	1647630	5	21.24	16112500	20.0
Benzo[b]naphtho[2...	20.89	2.1	ng/ul	1664960	5	21.24	16112500	20.0
Cyclopenta[cd]pyrene	20.96	3.3	ng/ul	2622820	5	21.24	16112500	20.0
Anthracene, 9-phe...	22.54	4.2	ng/ul	1453990	6	23.46	6857700	20.0
Dinaphtho[1,2-b:1...	23.09	2.5	ng/ul	870811	6	23.46	6857700	20.0
(DEL) Alkane: Str...	23.98	4.0	ng/ul	1357230	6	23.46	6857700	20.0