

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
 Data File : BM017347.D
 Acq On : 25 Oct 2018 17:00
 Operator : MJ/SJ
 Sample : J5598-09DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE0DL

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	667	rBV2	413276	874212	5.20%	0.569%
2	6.999	676	682	690	rBV	349342	516394	3.07%	0.336%
3	7.193	708	715	725	rVB	428088	700906	4.17%	0.456%
4	7.651	786	793	801	rBV	1022926	1676167	9.97%	1.091%
5	8.187	875	884	891	rBV	54809	95752	0.57%	0.062%
6	8.363	907	914	922	rBV	492777	837505	4.98%	0.545%
7	8.804	982	989	997	rBV	389836	688642	4.10%	0.448%
8	9.522	1100	1111	1119	rBV	345718	589540	3.51%	0.384%
9	10.057	1195	1202	1213	rBV	487005	918855	5.47%	0.598%
10	10.428	1256	1265	1270	rBV	1611410	2741060	16.31%	1.785%
11	10.475	1270	1273	1282	rVB	319844	504007	3.00%	0.328%
12	10.575	1282	1290	1305	rBV	364616	735704	4.38%	0.479%
13	11.969	1518	1527	1533	rVV3	72609	144773	0.86%	0.094%
14	12.098	1544	1549	1557	rVB	115218	186458	1.11%	0.121%
15	12.322	1580	1587	1592	rVB	48377	76001	0.45%	0.049%
16	13.122	1717	1723	1735	rBV2	44037	81982	0.49%	0.053%
17	13.716	1818	1824	1828	rVV	1038332	1449528	8.63%	0.944%
18	13.763	1828	1832	1839	rVV	251330	388222	2.31%	0.253%
19	13.986	1862	1870	1874	rBV	1191930	1967733	11.71%	1.281%
20	14.298	1913	1923	1930	rBV2	2473149	3842953	22.87%	2.502%
21	14.357	1930	1933	1941	rVB	61545	100188	0.60%	0.065%
22	14.533	1954	1963	1973	rBV2	206449	507893	3.02%	0.331%
23	14.698	1986	1991	1996	rBV	176809	260424	1.55%	0.170%
24	15.292	2086	2092	2098	rBV	1577319	2286946	13.61%	1.489%
25	15.351	2098	2102	2109	rVB5	55024	97910	0.58%	0.064%
26	15.427	2109	2115	2121	rBV	402990	634554	3.78%	0.413%
27	15.798	2173	2178	2185	rVB2	36583	80806	0.48%	0.053%
28	16.027	2212	2217	2225	rBV3	113538	230941	1.37%	0.150%
29	16.627	2315	2319	2325	rVV	57198	92041	0.55%	0.060%
30	16.704	2327	2332	2339	rVB	166906	247266	1.47%	0.161%
31	16.868	2356	2360	2364	rVB	50800	73770	0.44%	0.048%
32	17.051	2382	2391	2395	rBV2	3202782	4843257	28.82%	3.153%
33	17.092	2395	2398	2402	rVV	657538	879031	5.23%	0.572%
34	17.145	2402	2407	2411	rVV	1737107	2639627	15.71%	1.719%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	17.180	2411	2413	2419	rVV	708848	849898	5.06%	0.553%
36	17.239	2419	2423	2429	rVB3	75074	126088	0.75%	0.082%
37	17.457	2452	2460	2469	rBV	221744	459069	2.73%	0.299%
38	17.568	2474	2479	2486	rVB3	64250	123490	0.73%	0.080%
39	17.727	2503	2506	2510	rVB4	64213	93074	0.55%	0.061%
40	17.921	2532	2539	2541	rBV2	79092	136070	0.81%	0.089%
41	17.951	2541	2544	2554	rVB2	251875	509244	3.03%	0.332%
42	18.051	2558	2561	2565	rVB	88366	115016	0.68%	0.075%
43	18.121	2567	2573	2577	rBV2	194919	364882	2.17%	0.238%
44	18.321	2602	2607	2613	rVV2	162821	228996	1.36%	0.149%
45	18.427	2622	2625	2629	rVB	81325	99010	0.59%	0.064%
46	18.474	2629	2633	2640	rVB2	182912	270435	1.61%	0.176%
47	18.674	2664	2667	2671	rVB3	55701	75412	0.45%	0.049%
48	18.727	2672	2676	2679	rVV	46841	61541	0.37%	0.040%
49	18.768	2679	2683	2686	rBV	76749	94457	0.56%	0.061%
50	18.857	2692	2698	2703	rBV2	166977	411753	2.45%	0.268%
51	18.910	2704	2707	2710	rVB4	205584	249061	1.48%	0.162%
52	18.992	2716	2721	2727	rBV	497946	760043	4.52%	0.495%
53	19.045	2727	2730	2733	rVV3	74411	94037	0.56%	0.061%
54	19.115	2736	2742	2748	rVV	5464143	7467199	44.43%	4.862%
55	19.180	2750	2753	2755	rVV	107179	146283	0.87%	0.095%
56	19.209	2755	2758	2761	rVV	198278	294853	1.75%	0.192%
57	19.262	2765	2767	2771	rVB	197327	214530	1.28%	0.140%
58	19.339	2777	2780	2787	rVB2	144454	295938	1.76%	0.193%
59	19.445	2793	2798	2800	rBV2	2812093	3871570	23.04%	2.521%
60	19.474	2800	2803	2812	rVV	5933536	8513659	50.66%	5.543%
61	19.551	2812	2816	2822	rVB3	216042	377352	2.25%	0.246%
62	19.657	2830	2834	2839	rBV	298381	437830	2.61%	0.285%
63	19.721	2840	2845	2850	rVB	526377	782742	4.66%	0.510%
64	19.809	2853	2860	2865	rBV4	577104	1314539	7.82%	0.856%
65	19.939	2877	2882	2892	rBV3	606715	1866071	11.10%	1.215%
66	20.074	2901	2905	2908	rBV2	246859	300731	1.79%	0.196%
67	20.127	2908	2914	2919	rBV3	739813	1360331	8.09%	0.886%
68	20.174	2919	2922	2925	rVB	206010	242406	1.44%	0.158%
69	20.209	2926	2928	2934	rVB	122918	153221	0.91%	0.100%
70	20.268	2935	2938	2942	rBV	532362	710176	4.23%	0.462%
71	20.321	2942	2947	2951	rBV3	375807	657995	3.92%	0.428%

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72	20.639	2998	3001	3004	rVB4	180444	182833	1.09%	0.119%
73	20.680	3005	3008	3011	rBV2	169787	209241	1.25%	0.136%
74	20.727	3011	3016	3022	rVV	993799	1445177	8.60%	0.941%
75	20.886	3038	3043	3047	rBV2	779510	1338402	7.96%	0.871%
76	20.927	3047	3050	3053	rVV	894122	1061257	6.31%	0.691%
77	20.962	3053	3056	3062	rVV2	1624291	2330580	13.87%	1.517%
78	21.021	3062	3066	3070	rVB2	628321	856207	5.09%	0.557%
79	21.245	3094	3104	3108	rBV2	6227723	14954324	88.98%	9.736%
80	21.280	3108	3110	3117	rVB	4786053	5770137	34.33%	3.757%
81	21.403	3127	3131	3136	rBV3	491951	1017152	6.05%	0.662%
82	21.545	3152	3155	3161	rBV2	591345	1024178	6.09%	0.667%
83	21.603	3162	3165	3169	rVV2	437579	547693	3.26%	0.357%
84	21.792	3194	3197	3201	rVB	820057	981467	5.84%	0.639%
85	21.839	3202	3205	3212	rVB3	758415	1352085	8.05%	0.880%
86	21.980	3226	3229	3232	rBV	449960	583573	3.47%	0.380%
87	22.262	3274	3277	3279	rBV	291054	368782	2.19%	0.240%
88	22.545	3320	3325	3337	rVB3	616796	1777775	10.58%	1.157%
89	22.803	3362	3369	3373	rBV2	7558744	16805755	100.00%	10.942%
90	22.962	3392	3396	3402	rVB	802888	1223147	7.28%	0.796%
91	23.092	3414	3418	3427	rBV	480221	1021294	6.08%	0.665%
92	23.268	3442	3448	3453	rBV	3498747	6362725	37.86%	4.143%
93	23.315	3453	3456	3459	rVV	1482227	2430631	14.46%	1.583%
94	23.362	3459	3464	3471	rVB	3357414	6235850	37.11%	4.060%
95	23.456	3474	3480	3485	rVV	2982497	5656158	33.66%	3.683%
96	23.503	3485	3488	3495	rVB2	928133	1764244	10.50%	1.149%
97	23.980	3565	3569	3578	rVB2	744058	1427783	8.50%	0.930%
98	24.703	3689	3692	3702	rVB3	486350	980831	5.84%	0.639%
99	25.662	3847	3855	3868	rVB2	1769036	5160918	30.71%	3.360%
100	26.338	3962	3970	3980	rVB	903182	2600965	15.48%	1.693%

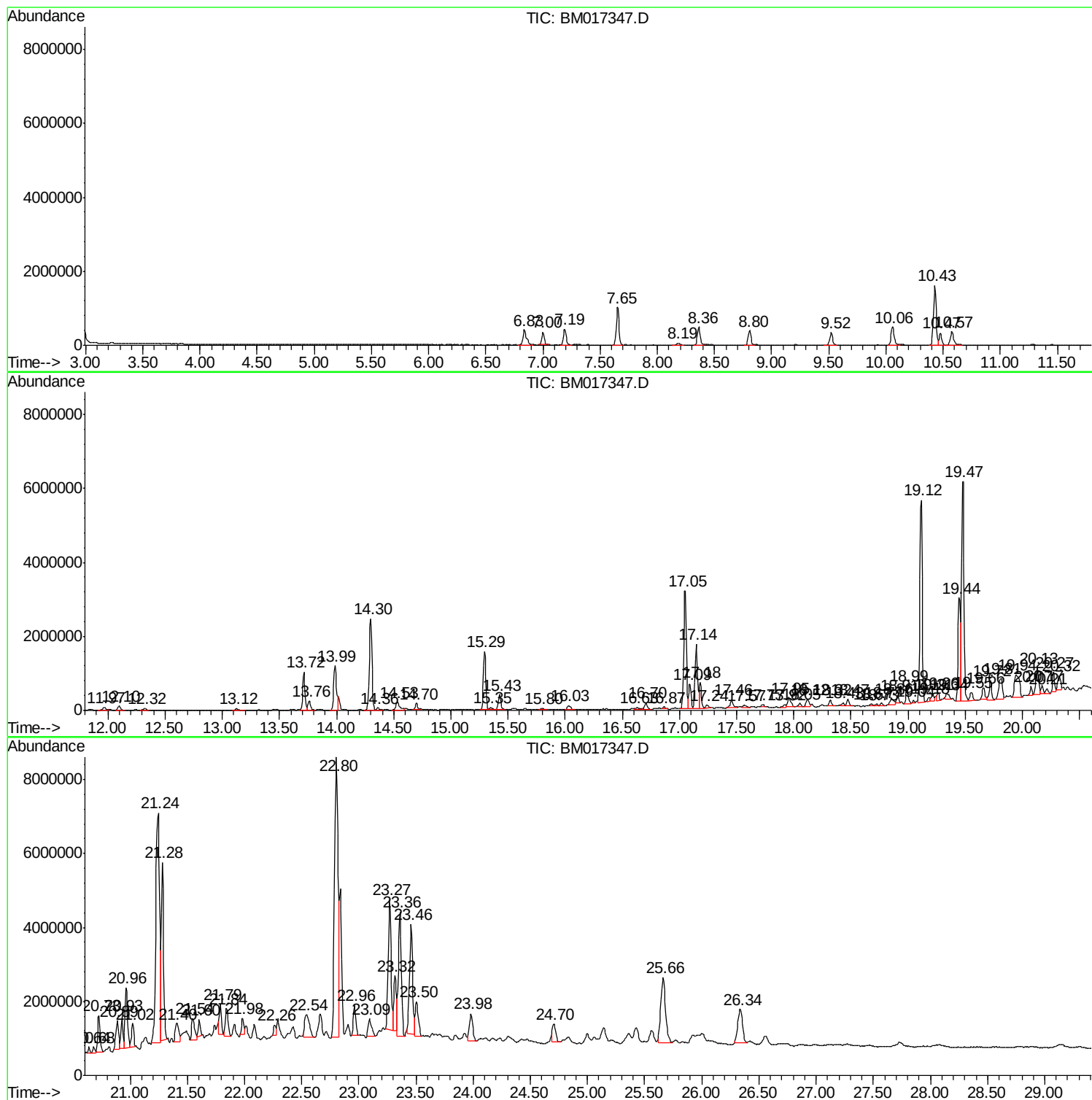
Sum of corrected areas: 153591214

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Instrument :
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ClientSampled :
C0AE0DL

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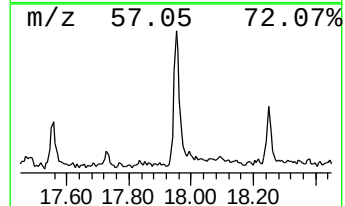
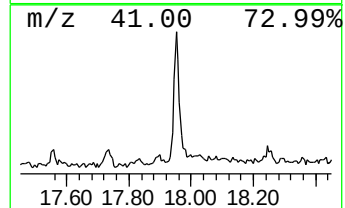
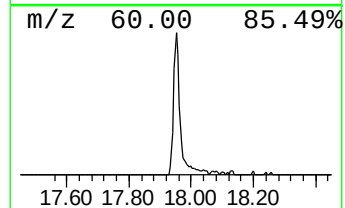
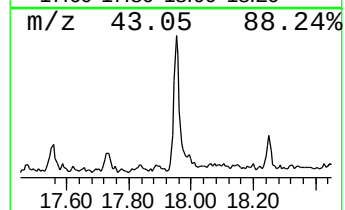
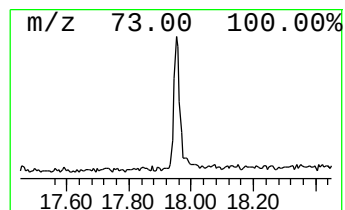
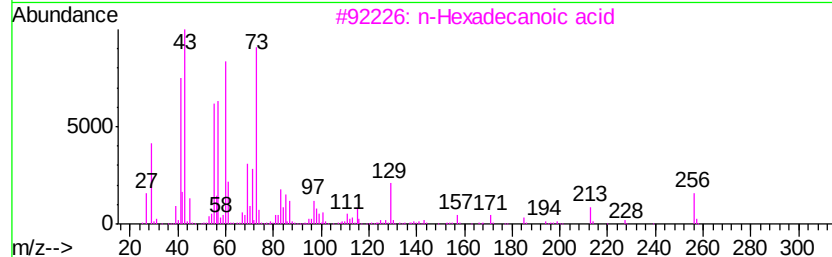
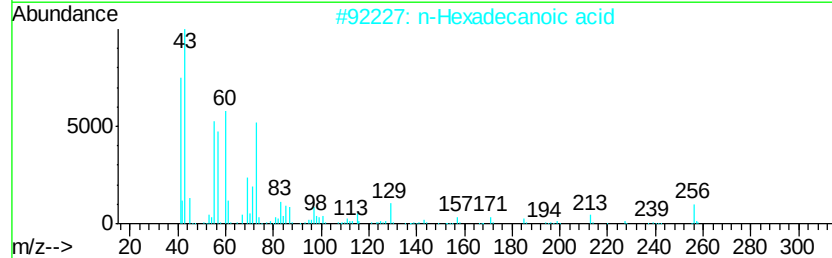
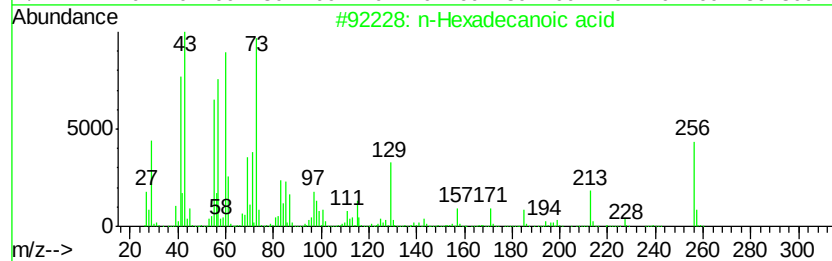
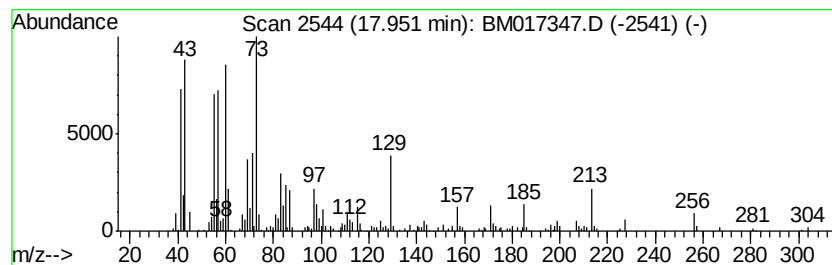
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.95	2.10 ng/ul	509244	Phenanthrene-d10		17.04	
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	95	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	



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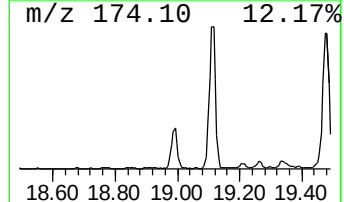
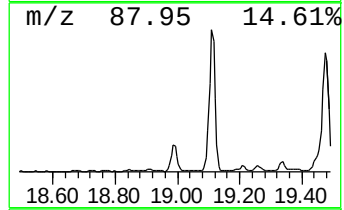
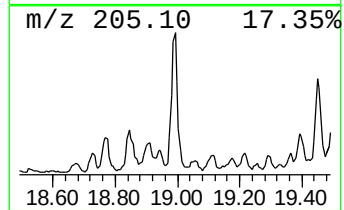
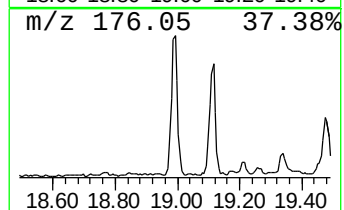
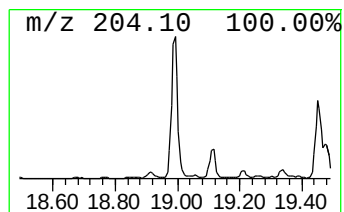
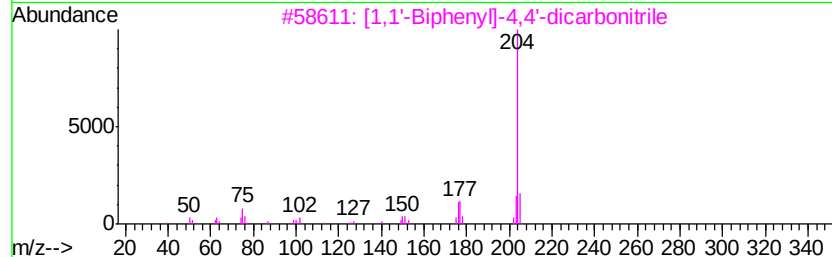
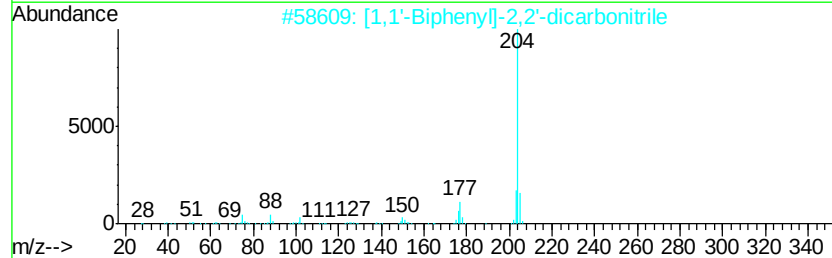
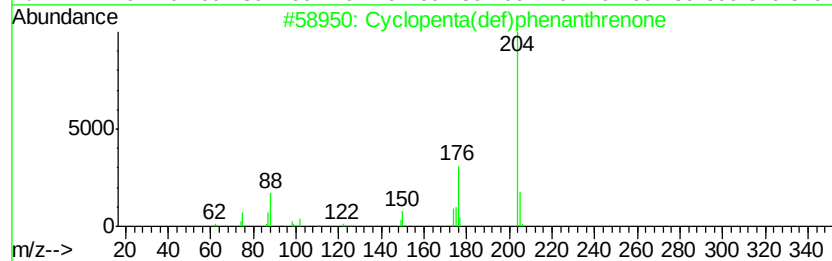
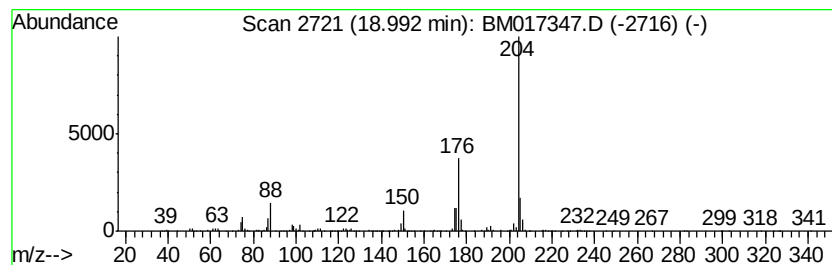
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	3.14 ng/ul	760043	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	64
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	64
4		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50



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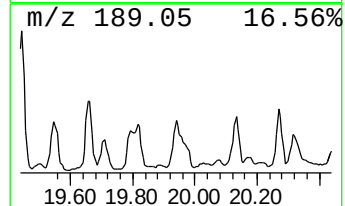
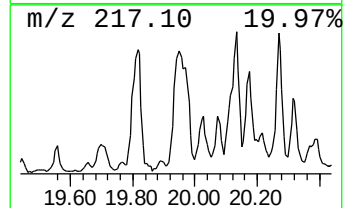
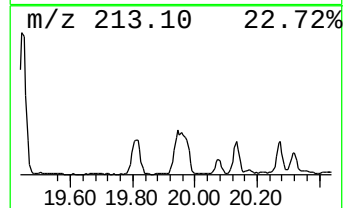
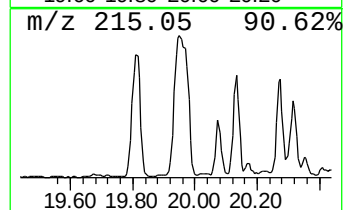
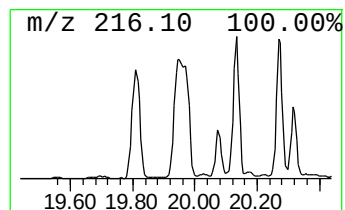
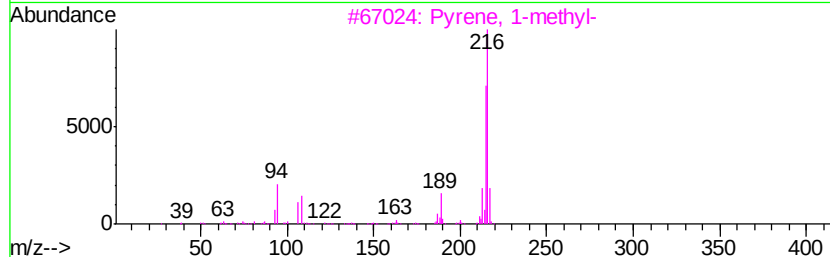
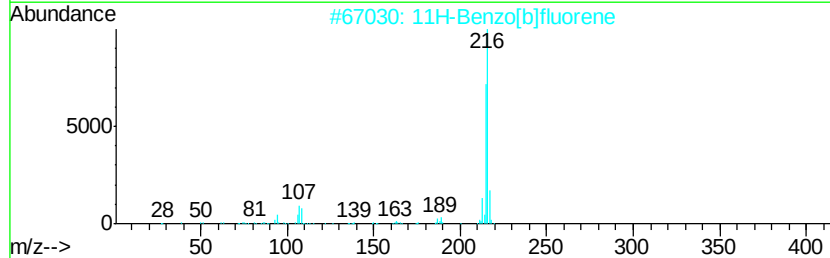
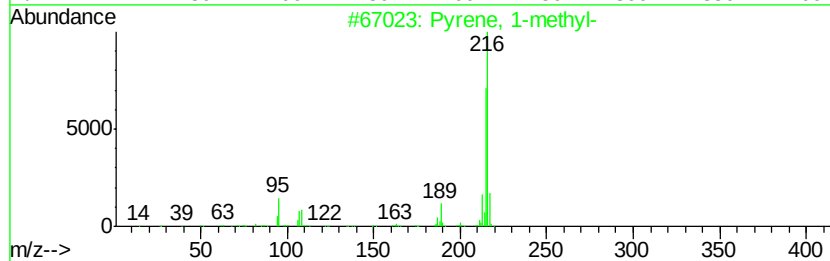
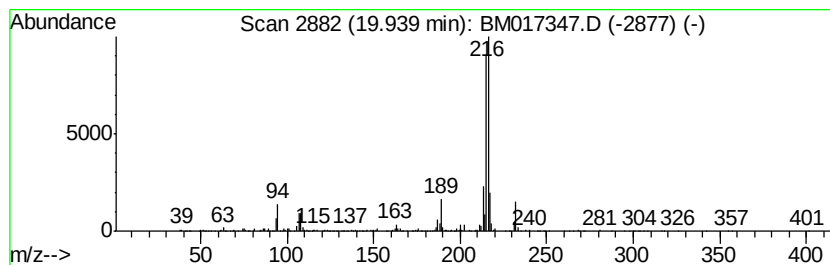
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	2.50 ng/ul	1866070	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	93
3	Pyrene, 1-methyl-	216 C17H12	002381-21-7	91
4	Pyrene, 1-methyl-	216 C17H12	002381-21-7	90
5	11H-Benzo[b]fluorene	216 C17H12	000243-17-4	81



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Data File : BM017347.D
Acq On : 25 Oct 2018 17:00
Operator : MJ/SJ
Sample : J5598-09DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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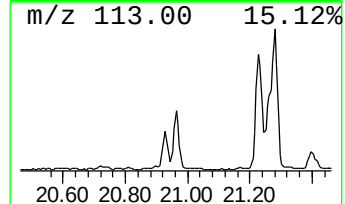
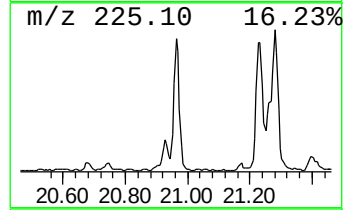
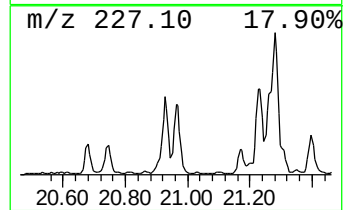
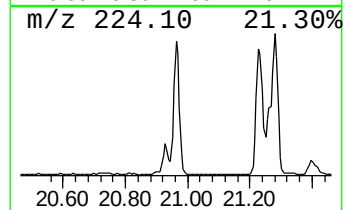
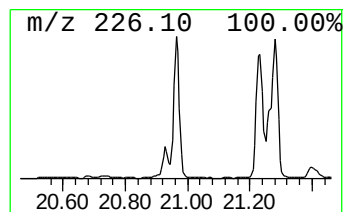
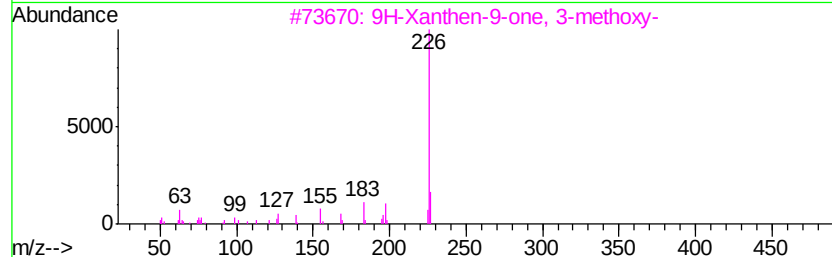
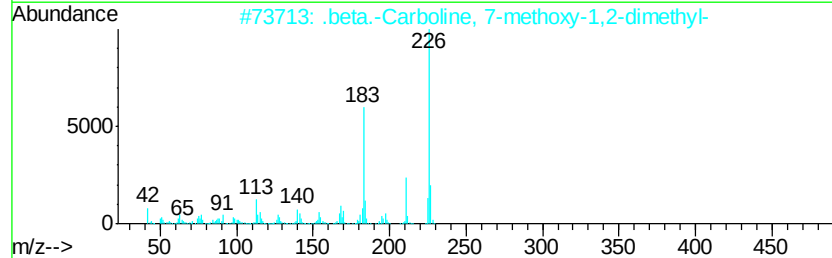
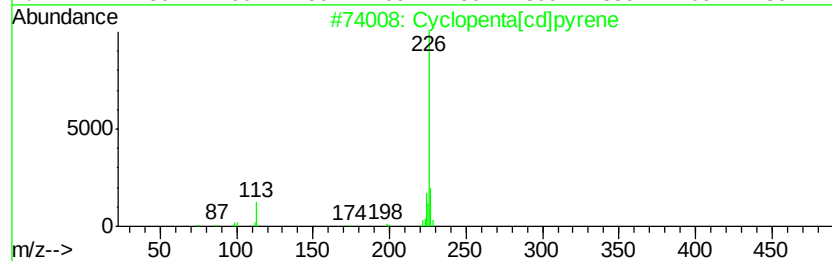
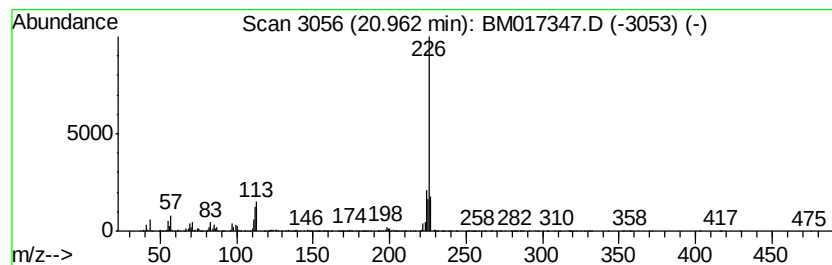
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cyclopenta[cd]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	3.12 ng/ul	2330580	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	42
3		9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38
4		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	33
5		9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	33



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
Data File : BM017347.D
Acq On : 25 Oct 2018 17:00
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Sample : J5598-09DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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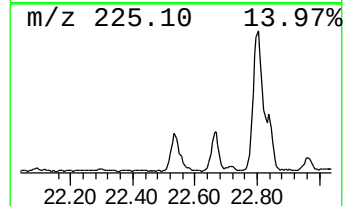
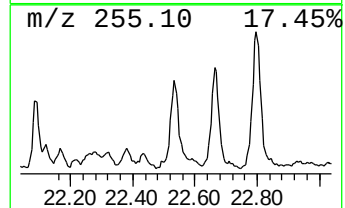
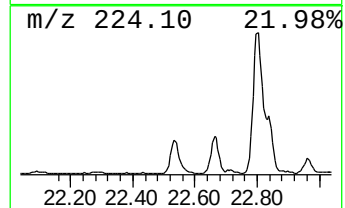
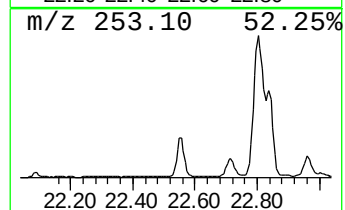
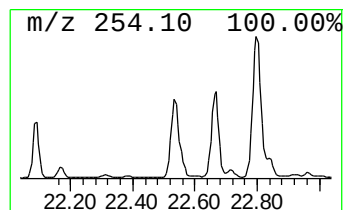
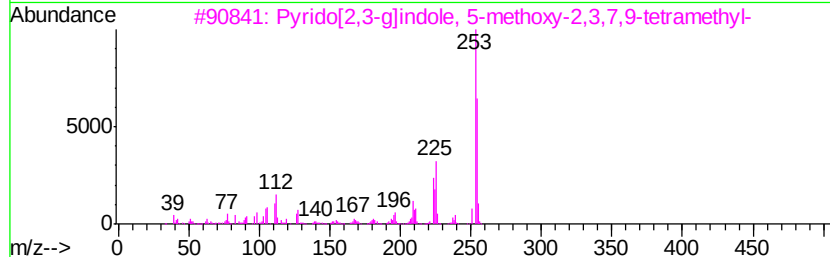
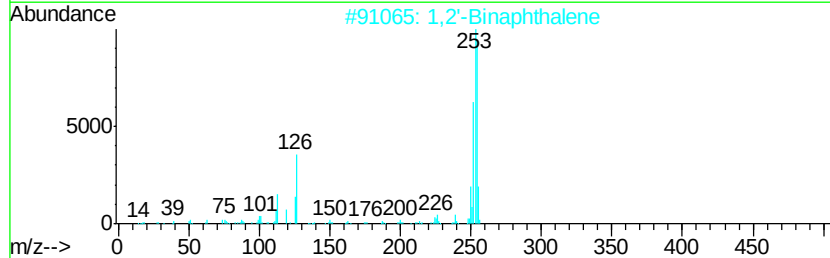
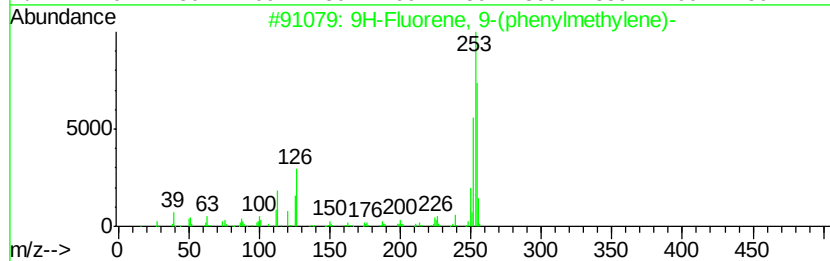
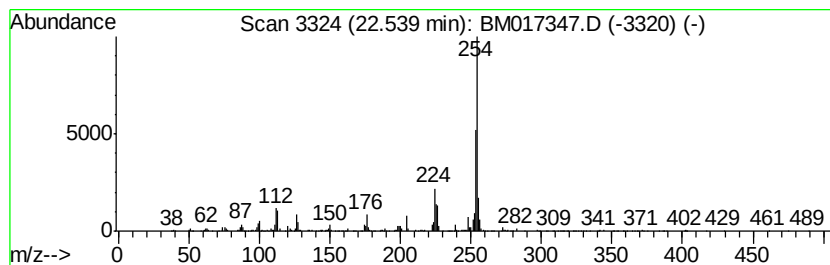
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 9H-Fluorene, 9-(phenylmethy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	6.29 ng/ul	1777780	Perylene-d12	23.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	68	
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	68	
3	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	64	
4	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	59	
5	4,6'-Biazuleny	254	C20H14	094154-49-1	53	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
Data File : BM017347.D
Acq On : 25 Oct 2018 17:00
Operator : MJ/SJ
Sample : J5598-09DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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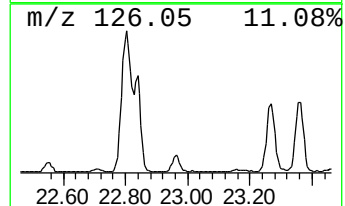
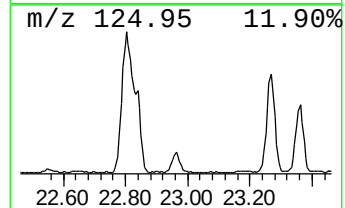
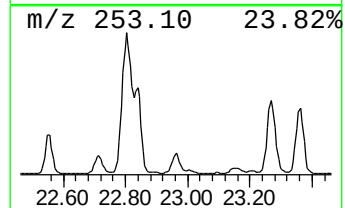
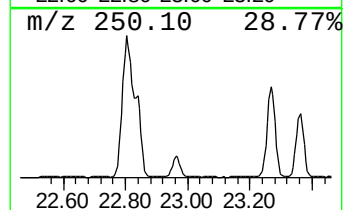
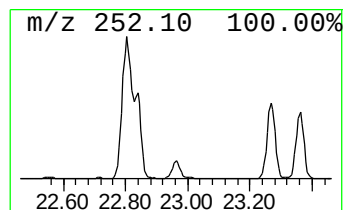
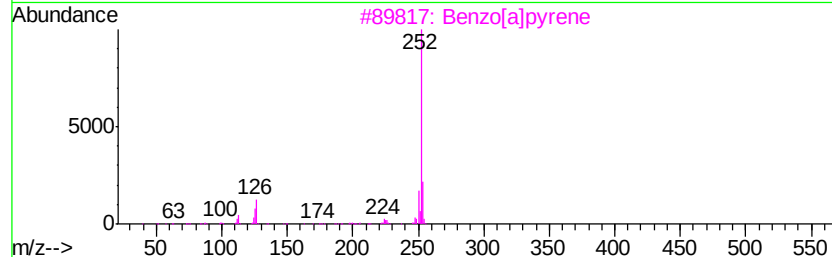
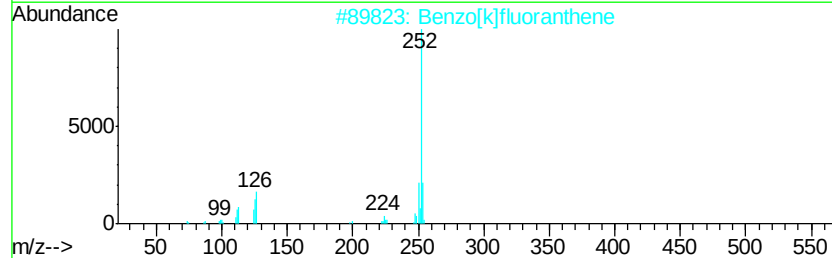
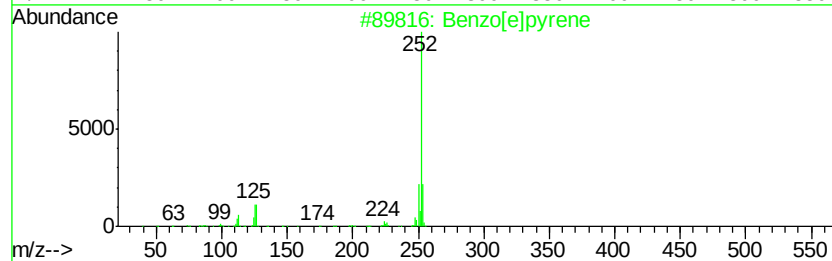
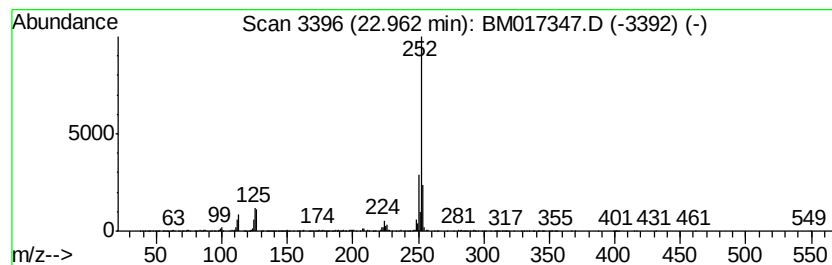
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	4.33 ng/ul	1223150	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
Data File : BM017347.D
Acq On : 25 Oct 2018 17:00
Operator : MJ/SJ
Sample : J5598-09DL 2X
Misc :
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Instrument :
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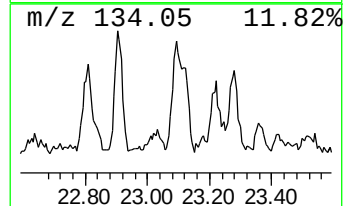
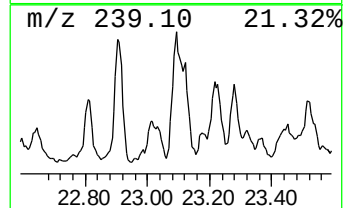
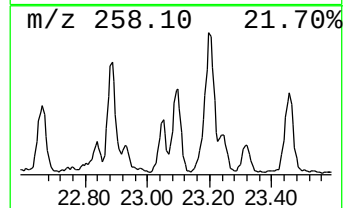
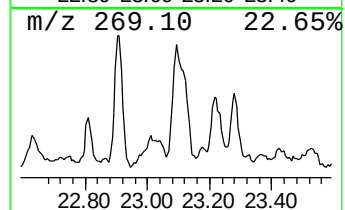
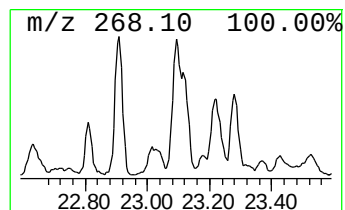
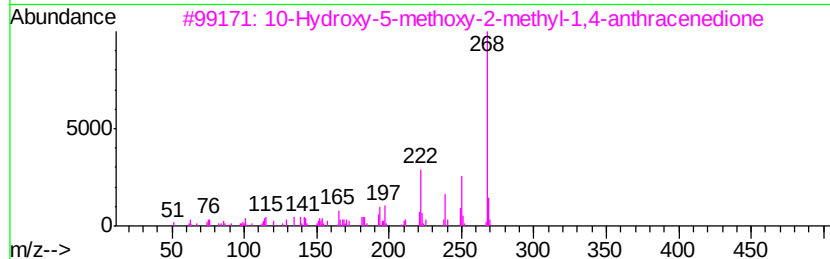
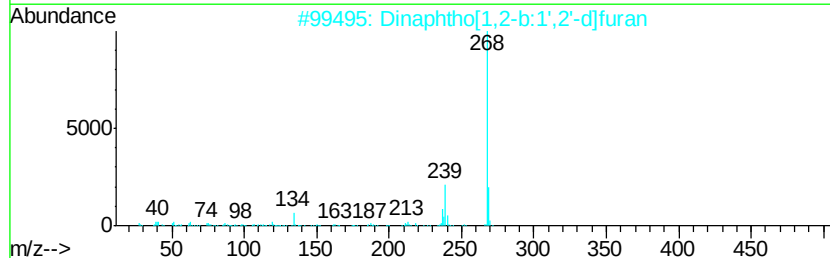
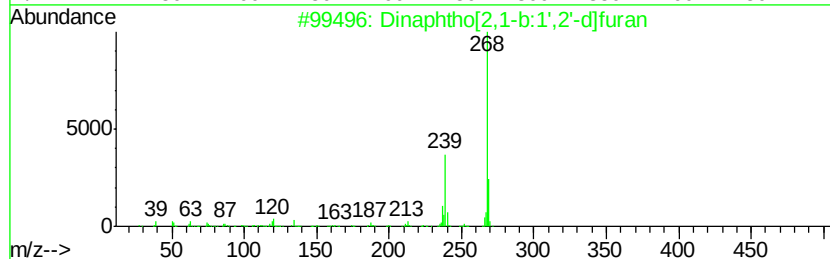
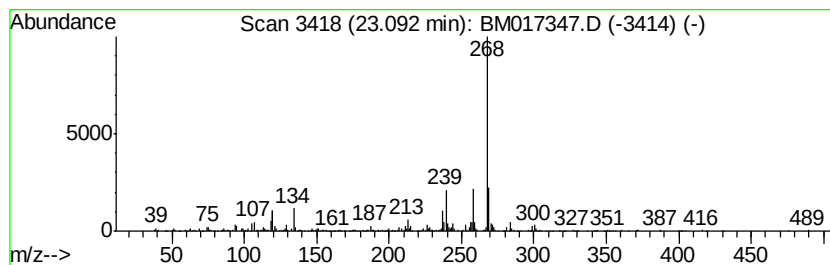
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Dinaphtho[2,1-b:1',2'-d]furan Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.09	3.61 ng/ul	1021290	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	68
2		Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	62
3		10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	47
4		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	47
5		4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
Data File : BM017347.D
Acq On : 25 Oct 2018 17:00
Operator : MJ/SJ
Sample : J5598-09DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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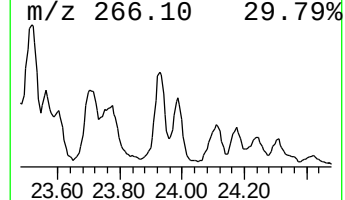
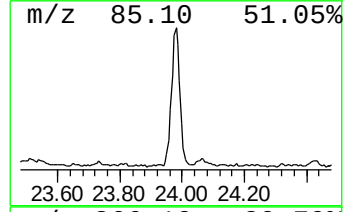
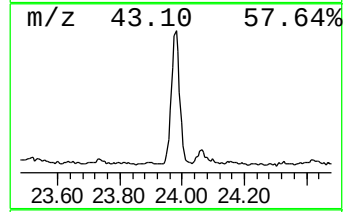
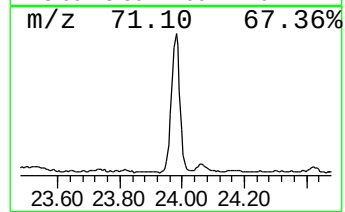
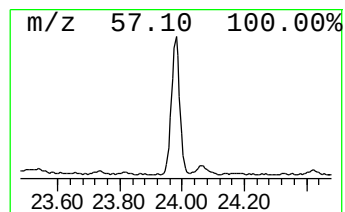
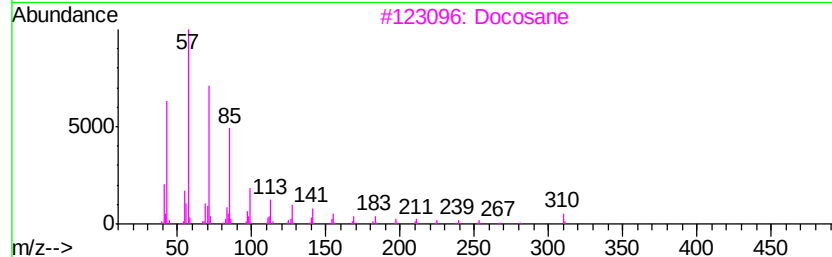
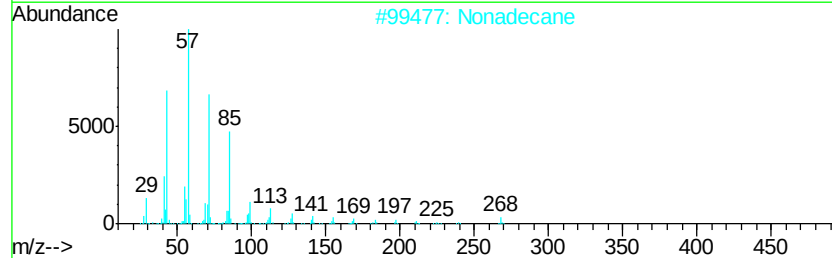
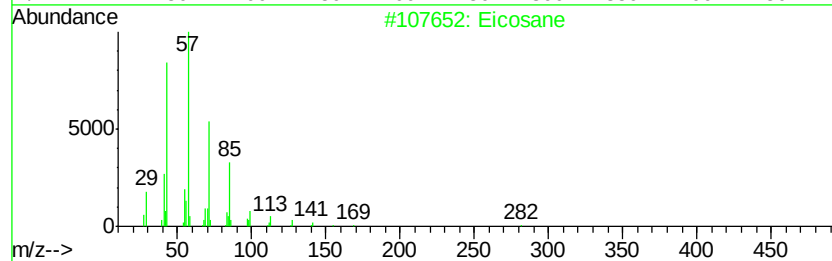
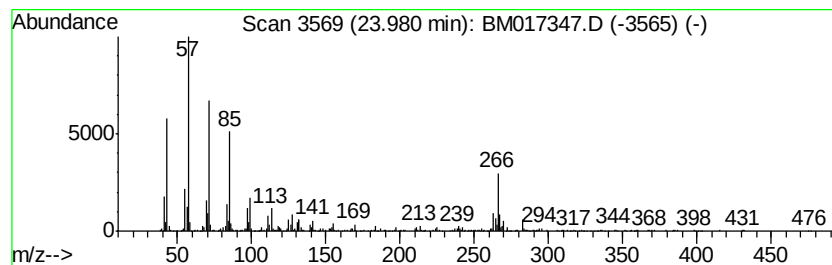
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	5.05 ng/ul	1427780	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Nonadecane	268	C19H40	000629-92-5	93
3		Docosane	310	C22H46	000629-97-0	83
4		Eicosane	282	C20H42	000112-95-8	78
5		Docosane	310	C22H46	000629-97-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
Data File : BM017347.D
Acq On : 25 Oct 2018 17:00
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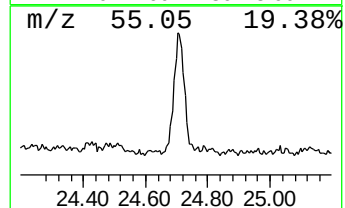
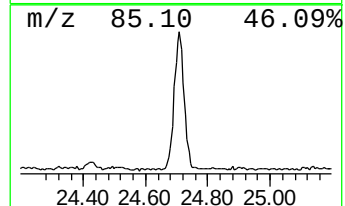
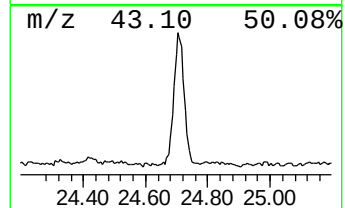
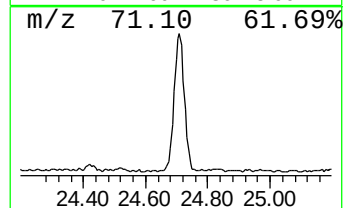
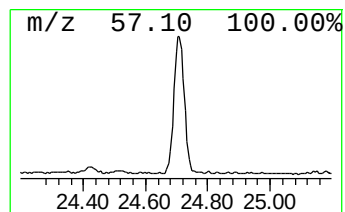
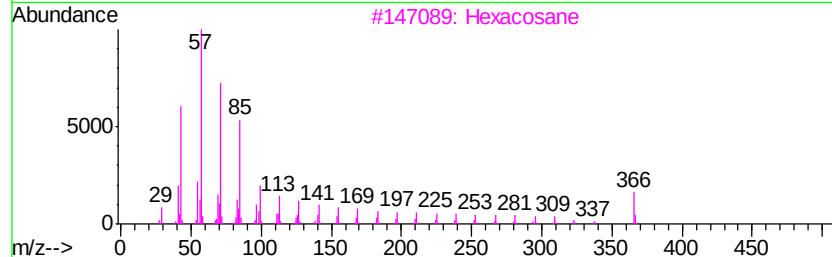
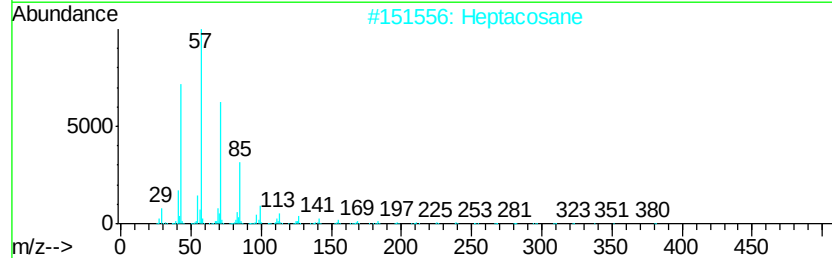
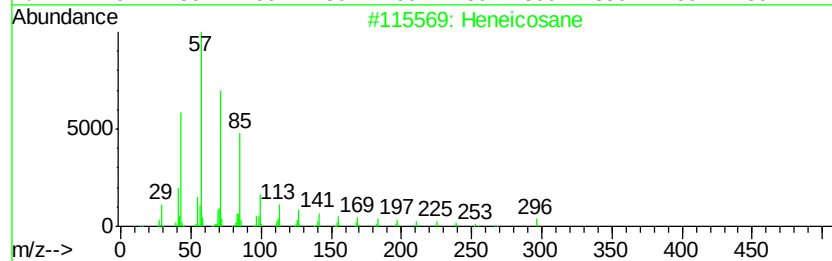
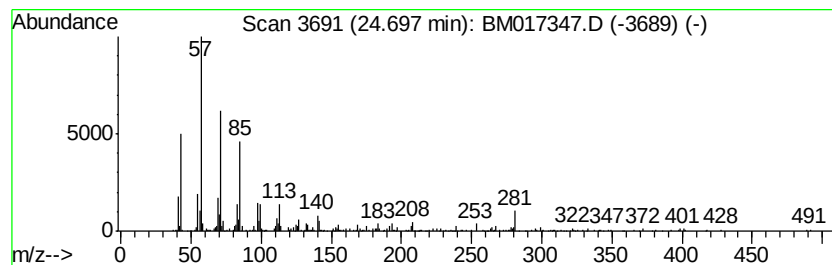
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	3.47 ng/ul	980831	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Heptacosane	380	C27H56	000593-49-7	87
3		Hexacosane	366	C26H54	000630-01-3	83
4		Heptacosane	380	C27H56	000593-49-7	83
5		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
Data File : BM017347.D
Acq On : 25 Oct 2018 17:00
Operator : MJ/SJ
Sample : J5598-09DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Cyclopenta(def)ph...	18.99	3.1	ng/ul	760043	4	17.04	4843260	20.0
Pyrene, 1-methyl-	19.94	2.5	ng/ul	1866070	5	21.24	14954300	20.0
Cyclopenta[cd]pyrene	20.96	3.1	ng/ul	2330580	5	21.24	14954300	20.0
9H-Fluorene, 9-(p...	22.54	6.3	ng/ul	1777780	6	23.46	5656160	20.0
Benzo[e]pyrene	22.96	4.3	ng/ul	1223150	6	23.46	5656160	20.0
Dinaphtho[2,1-b:1...	23.09	3.6	ng/ul	1021290	6	23.46	5656160	20.0
(DEL) Alkane: Str...	23.98	5.0	ng/ul	1427780	6	23.46	5656160	20.0
(DEL) Alkane: Str...	24.70	3.5	ng/ul	980831	6	23.46	5656160	20.0