

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014337.D
 Acq On : 23 Feb 2018 18:56
 Operator : SJ/JU
 Sample : J1631-03 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y6

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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	7.528	766	772	781	rBV	277829	496403	7.83%	2.296%
2	10.298	1236	1243	1257	rBV	399679	738264	11.65%	3.414%
3	13.610	1801	1806	1812	rBV2	53137	97119	1.53%	0.449%
4	13.880	1845	1852	1861	rBV2	76443	126830	2.00%	0.587%
5	14.180	1897	1903	1913	rBV2	602256	985449	15.55%	4.557%
6	15.192	2070	2075	2082	rBV2	83318	146676	2.31%	0.678%
7	16.515	2296	2300	2307	rVB2	217245	347790	5.49%	1.608%
8	16.939	2366	2372	2376	rBV	814769	1171401	18.48%	5.417%
9	16.986	2376	2380	2385	rVV	242623	378416	5.97%	1.750%
10	17.045	2385	2390	2394	rVV	113126	178768	2.82%	0.827%
11	17.080	2394	2396	2401	rVV2	44021	65663	1.04%	0.304%
12	17.145	2401	2407	2416	rVB	154923	255679	4.03%	1.182%
13	17.803	2514	2519	2525	rBV3	111806	229498	3.62%	1.061%
14	17.974	2542	2548	2552	rBV7	39448	74834	1.18%	0.346%
15	18.015	2552	2555	2559	rVV3	50737	82141	1.30%	0.380%
16	18.174	2578	2582	2587	rVB2	74729	115900	1.83%	0.536%
17	18.427	2620	2625	2633	rVB4	91950	144765	2.28%	0.669%
18	18.550	2641	2646	2655	rBV2	171809	267306	4.22%	1.236%
19	18.792	2683	2687	2692	rVV3	109069	175726	2.77%	0.813%
20	19.009	2718	2724	2730	rBV	460493	681594	10.75%	3.152%
21	19.139	2740	2746	2750	rBV7	48261	91448	1.44%	0.423%
22	19.262	2762	2767	2770	rBV5	44347	65718	1.04%	0.304%
23	19.350	2777	2782	2784	rBV	255473	389919	6.15%	1.803%
24	19.374	2784	2786	2797	rVV	419745	563650	8.89%	2.607%
25	19.792	2851	2857	2862	rBV3	145109	228064	3.60%	1.055%
26	19.886	2870	2873	2877	rVB3	52906	74463	1.17%	0.344%
27	20.186	2919	2924	2928	rBV5	34057	66914	1.06%	0.309%
28	20.803	3026	3029	3031	rBV	56859	67804	1.07%	0.314%
29	20.833	3031	3034	3038	rVV4	67776	97855	1.54%	0.453%
30	20.874	3039	3041	3048	rVB3	52873	96828	1.53%	0.448%
31	21.150	3081	3088	3092	rBV2	1368973	2123217	33.50%	9.819%
32	21.186	3092	3094	3104	rVB	279308	382294	6.03%	1.768%
33	22.321	3272	3287	3313	rVB3	1048331	6337663	100.00%	29.308%
34	22.680	3343	3348	3354	rBV	210291	463382	7.31%	2.143%

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Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF
Sampling : 1
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Stop Thrs : 0
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Min Area: 1 % of largest Peak
Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	23.133	3422	3425	3430	rVB	93463	137580	2.17%	0.636%
36	23.321	3451	3457	3464	rBV	686922	1310334	20.68%	6.060%
37	25.015	3732	3745	3748	rBV3	650819	2366646	37.34%	10.945%

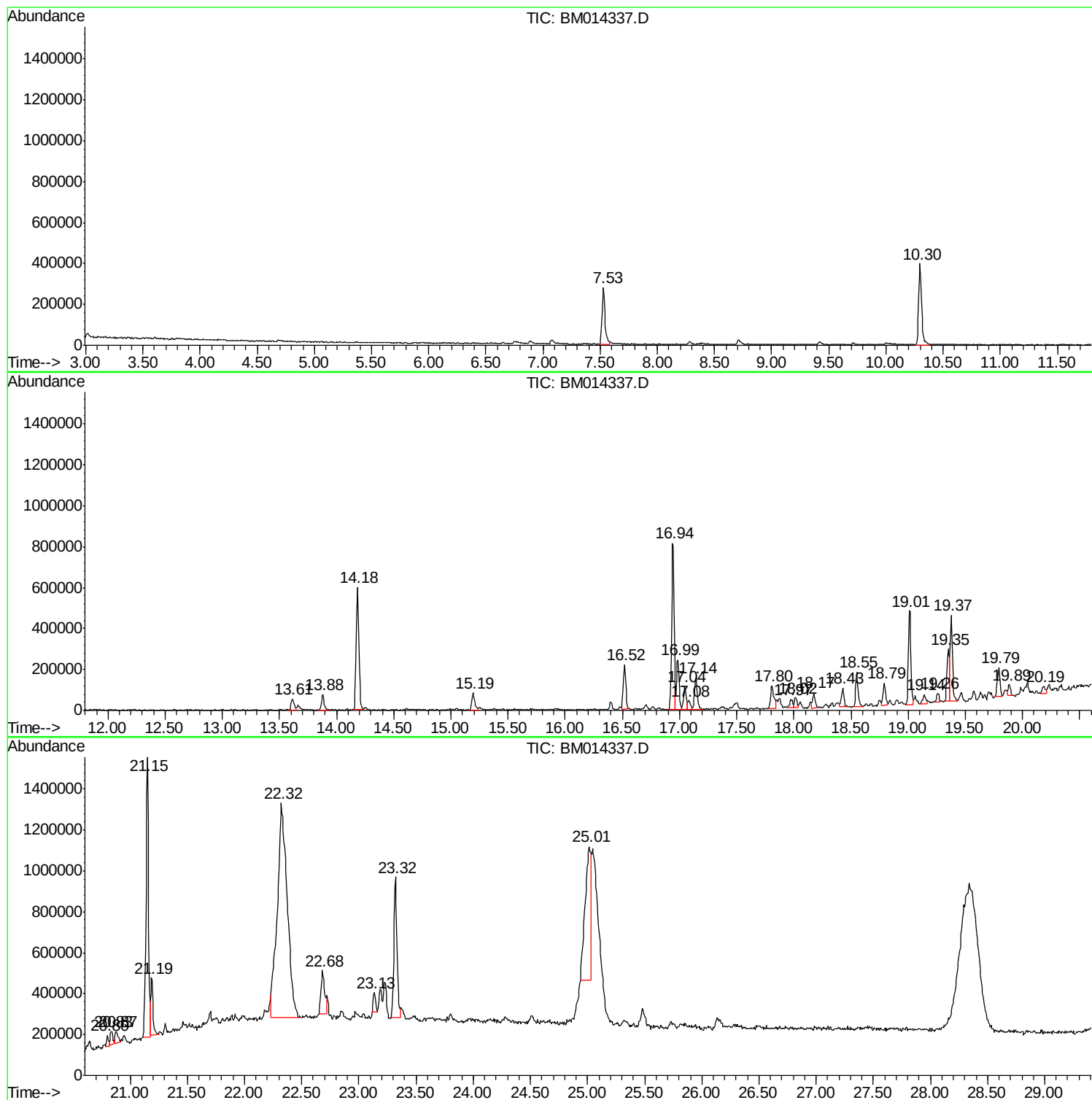
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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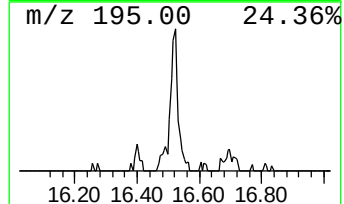
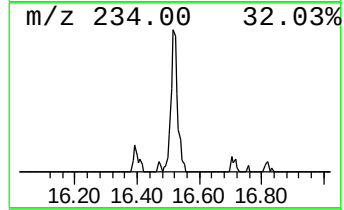
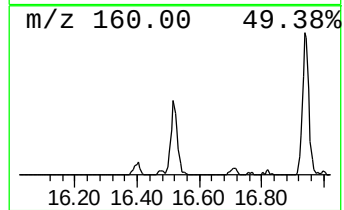
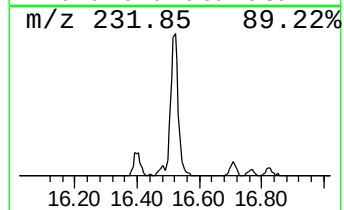
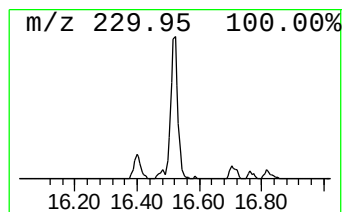
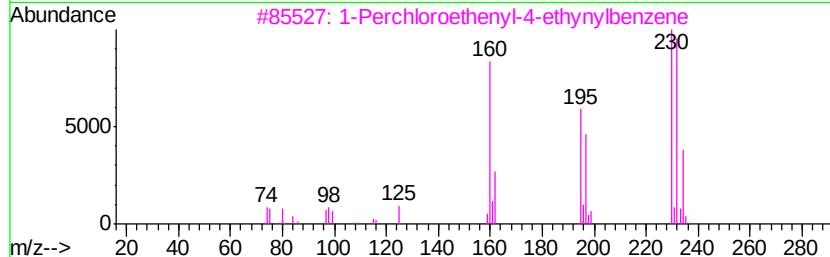
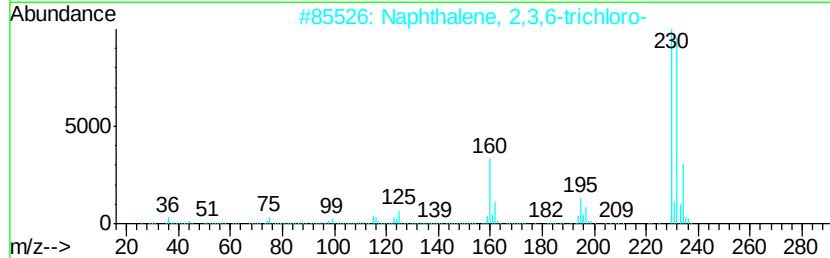
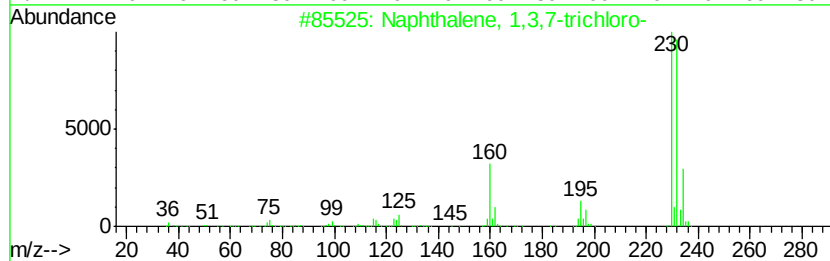
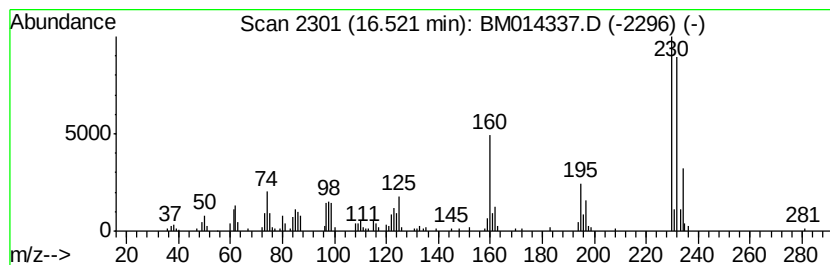
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Naphthalene, 1,3,7-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.52	5.94 ng/ul	347790	Phenanthrene-d10	16.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3,7-trichloro-	230	C10H5Cl3	055720-37-1	95
2	Naphthalene, 2,3,6-trichloro-	230	C10H5Cl3	055720-40-6	94
3	1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	68
4	Benzaldehyde, 3-bromo-4-hydroxy-...	230	C8H7BrO3	002973-76-4	46
5	Toluene, 2-bromo-3,5-dimethoxy-	230	C9H11BrO2	013321-73-8	43



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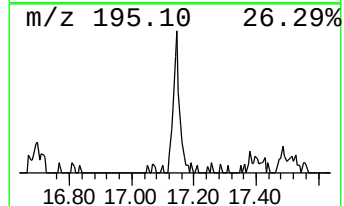
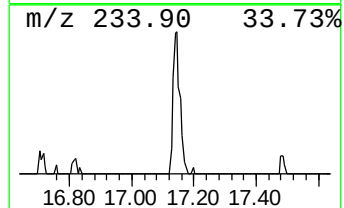
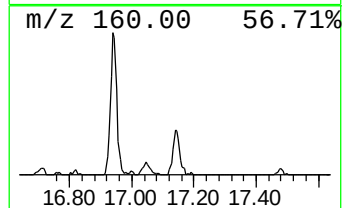
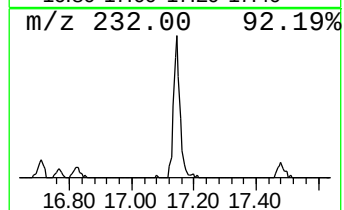
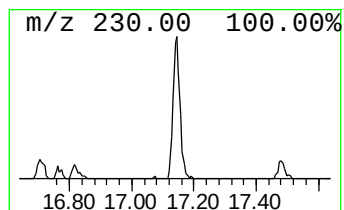
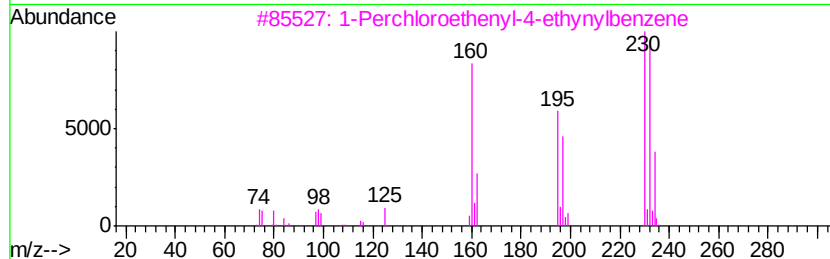
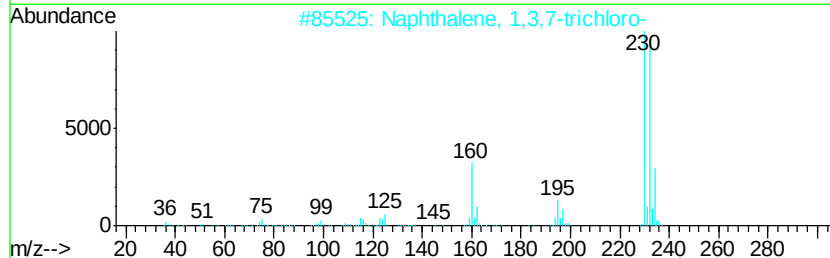
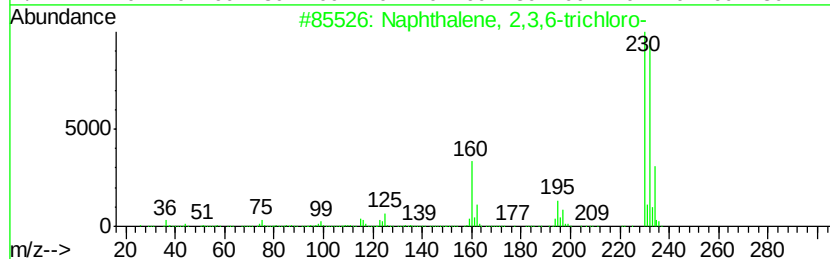
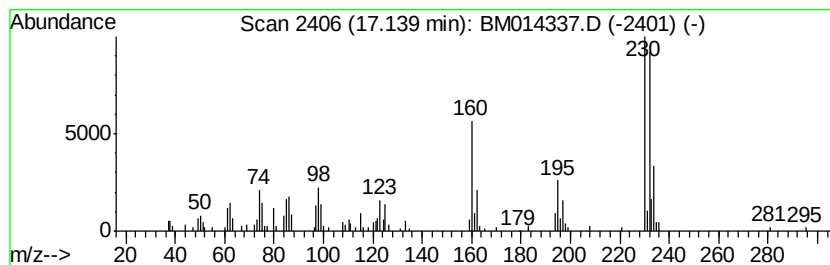
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 2,3,6-trichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	4.37 ng/ul	255679	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trichloro-	230	C10H5Cl3	055720-40-6	89
2		Naphthalene, 1,3,7-trichloro-	230	C10H5Cl3	055720-37-1	89
3		1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	83
4		Acenaphthylene, 1-bromo-	230	C12H7Br	054736-49-1	45
5		Benzenealdehyde, 2-bromo-5-hydro...	230	C8H7BrO3	002973-59-3	38



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ALS Vial : 13 Sample Multiplier: 1

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ClientSampled :
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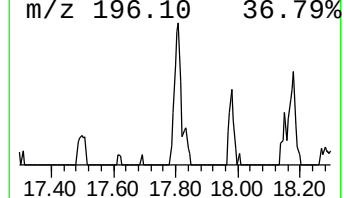
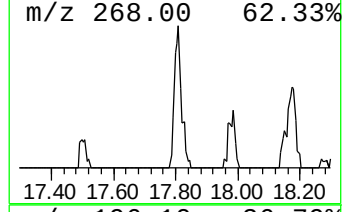
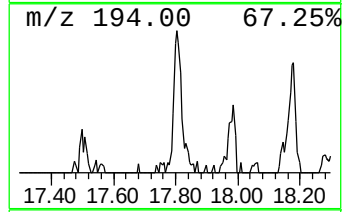
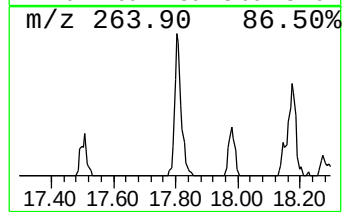
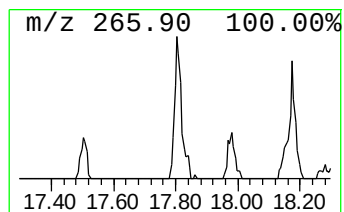
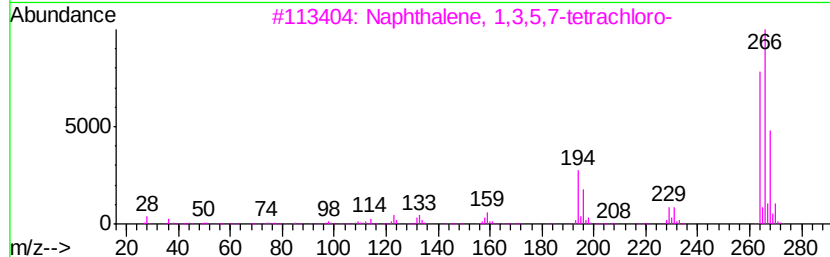
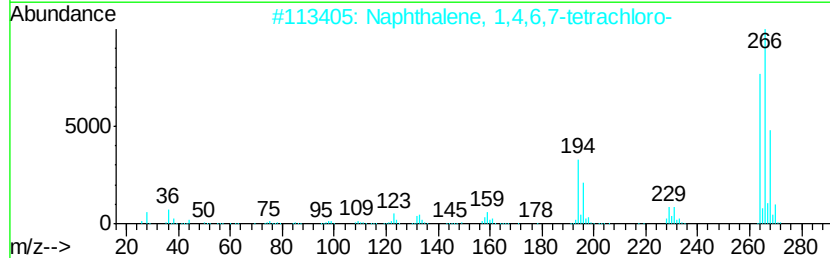
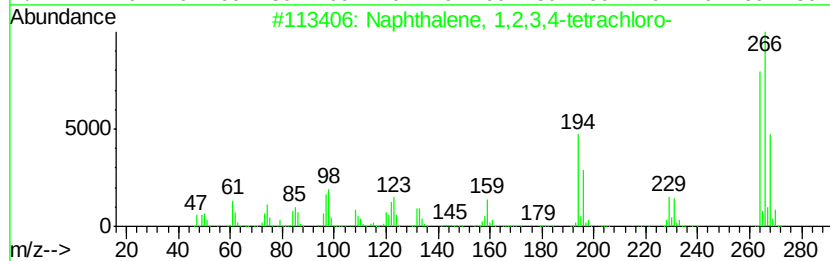
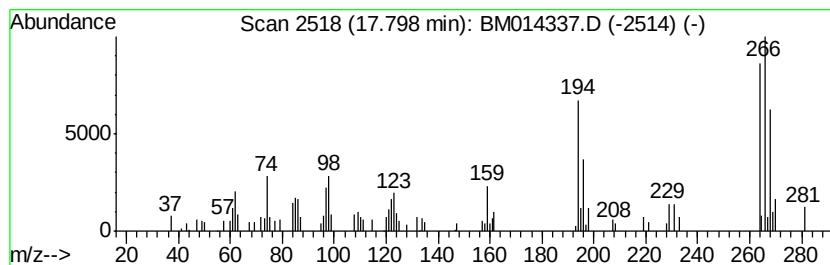
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Peak Number 3 Naphthalene, 1,2,3,4-tetrac... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	3.92 ng/ul	229498	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	96
2		Naphthalene, 1,4,6,7-tetrachloro-	264	C10H4Cl4	055720-43-9	93
3		Naphthalene, 1,3,5,7-tetrachloro-	264	C10H4Cl4	053555-64-9	93
4		Tetrachloroisophthalonitrile	264	C8Cl4N2	001897-45-6	90
5		Tetrachloroisophthalonitrile	264	C8Cl4N2	001897-45-6	90



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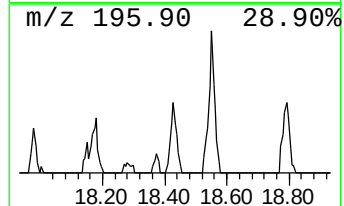
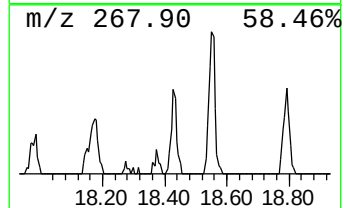
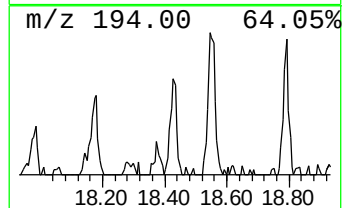
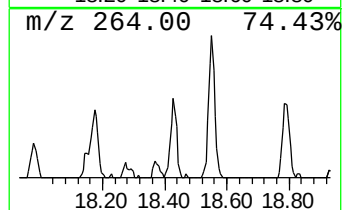
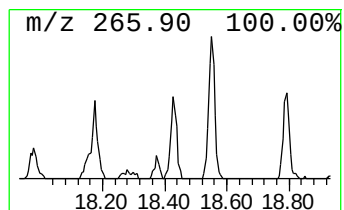
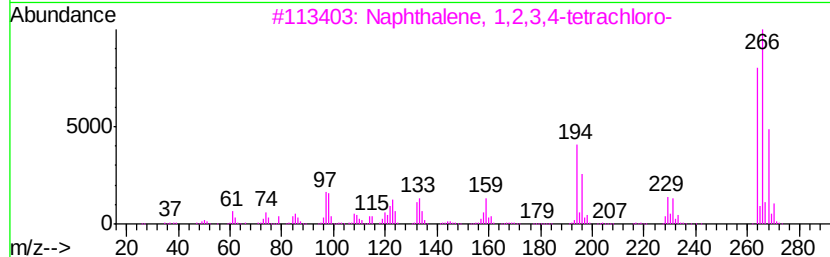
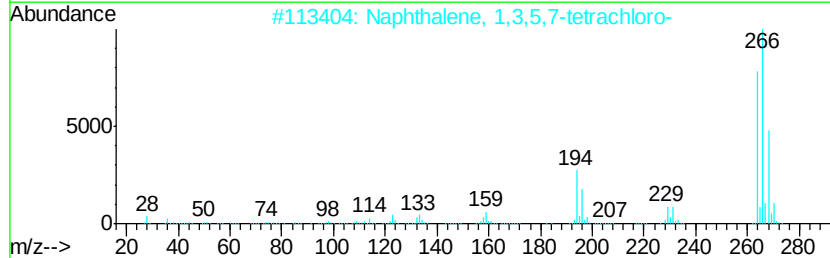
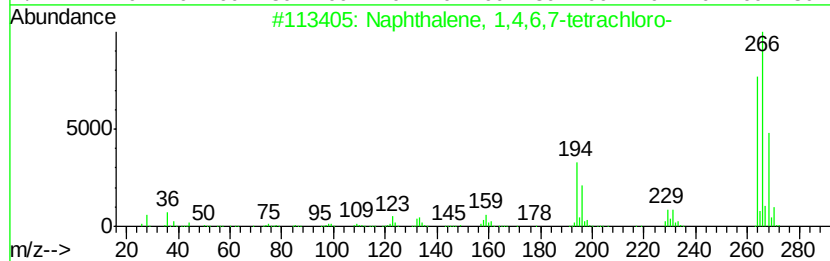
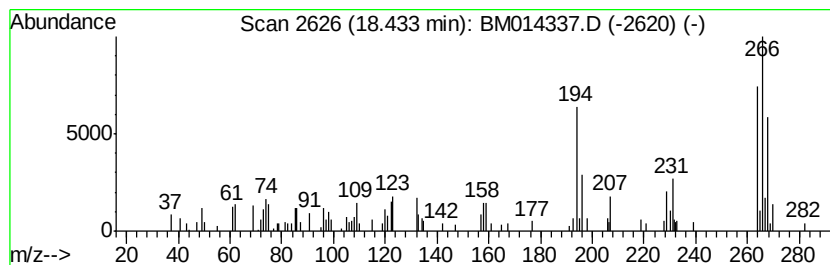
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Peak Number 4 Naphthalene, 1,4,6,7-tetrac... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.43	2.47 ng/ul	144765	Phenanthrene-d10	16.94		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,4,6,7-tetrachloro-	264	C10H4Cl4	055720-43-9	97
2		Naphthalene, 1,3,5,7-tetrachloro-	264	C10H4Cl4	053555-64-9	94
3		Naphthalene, 1,2,3,4-tetrachloro-	264	C10H4Cl4	020020-02-4	94
4		Tetrachloroterephthalonitrile	264	C8Cl4N2	001897-41-2	93
5		Tetrachloroisophthalonitrile	264	C8Cl4N2	001897-45-6	91



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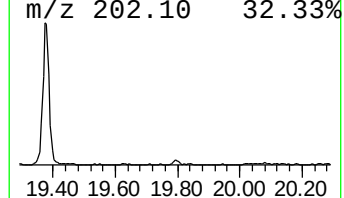
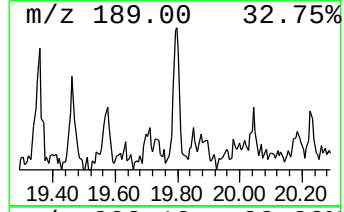
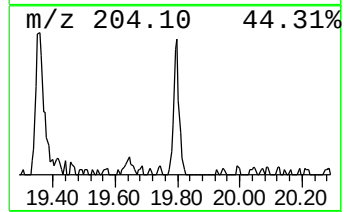
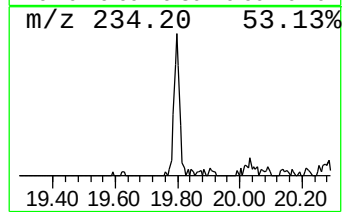
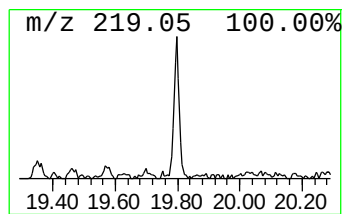
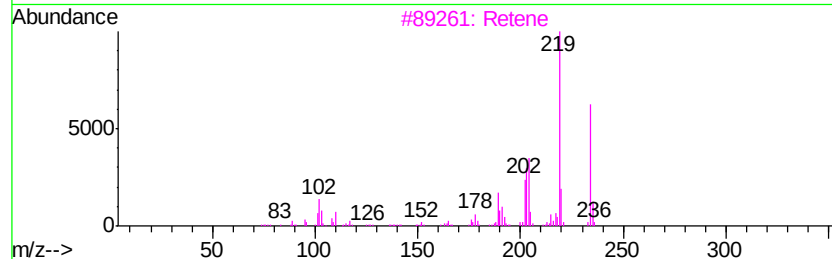
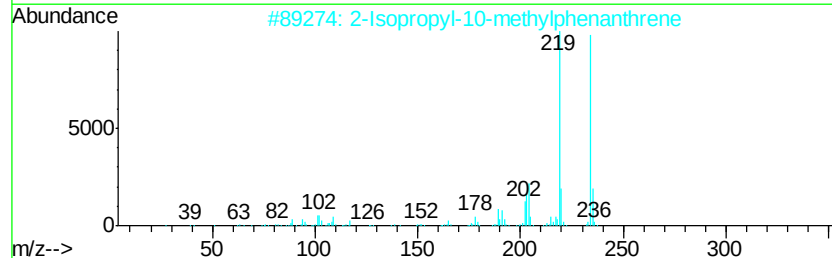
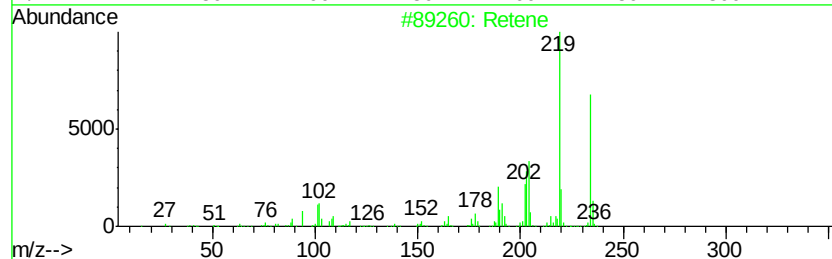
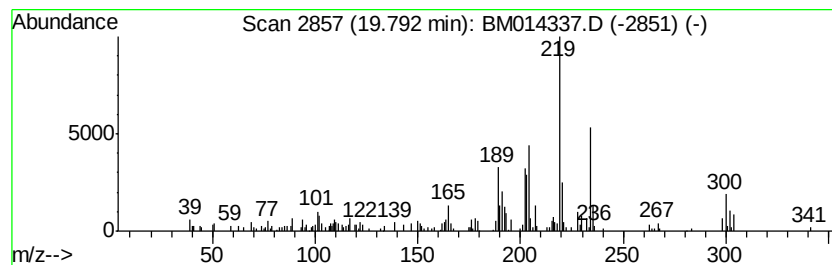
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Peak Number 7 Retene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	2.15 ng/ul	228064	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Retene	234	C18H18	000483-65-8	94
2		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	87
3		Retene	234	C18H18	000483-65-8	87
4		Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	86
5		1,4-Di-(4'-methylphenyl)buta-1,3...	234	C18H18	1000202-17-5	83



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Acq On : 23 Feb 2018 18:56
Operator : SJ/JU
Sample : J1631-03 10X
Misc :
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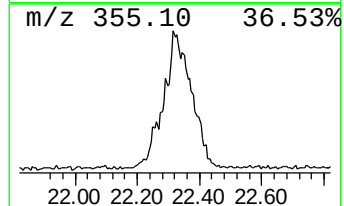
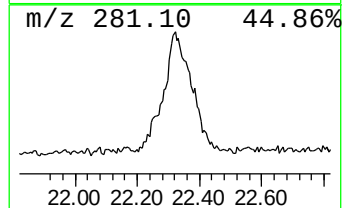
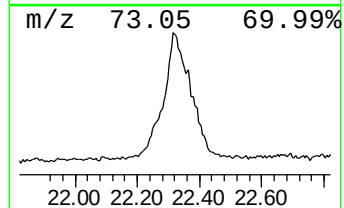
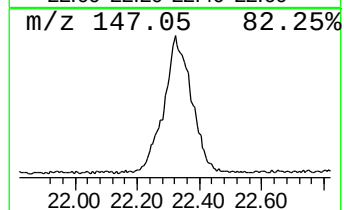
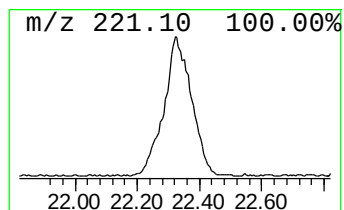
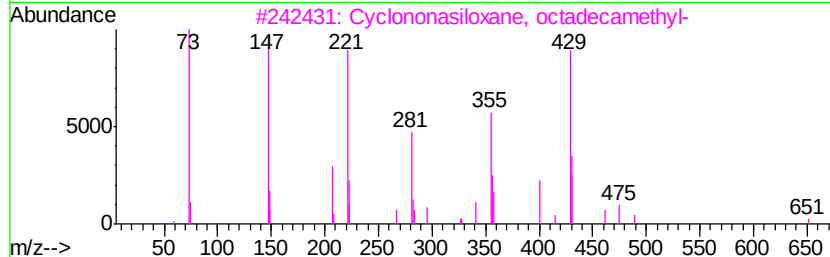
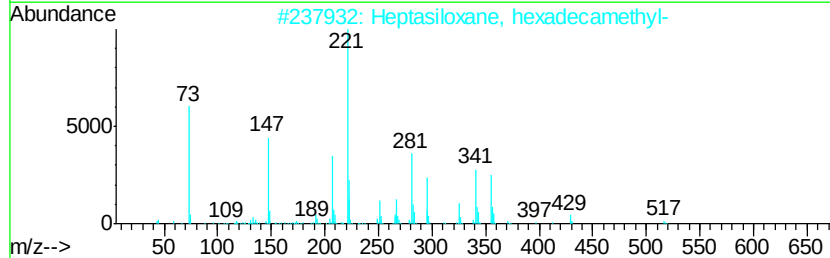
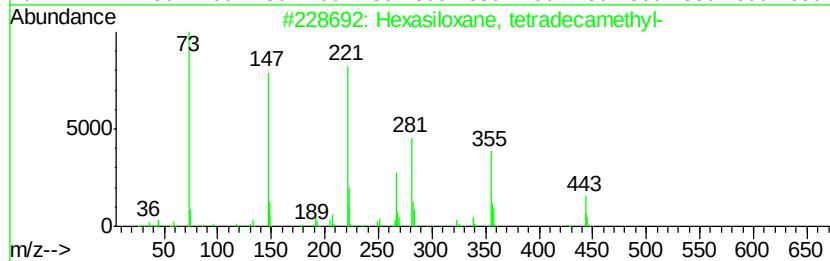
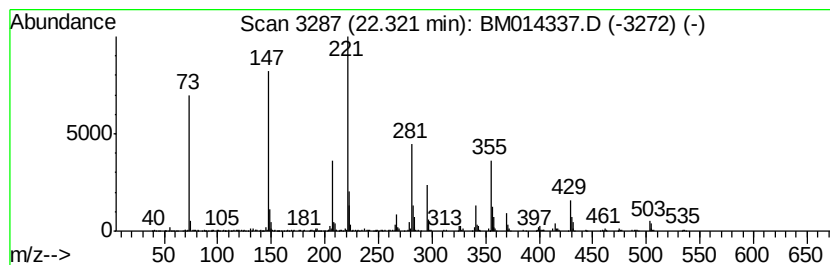
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexasiloxane, tetradecamethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.32	96.73 ng/ul	6337660	Perylene-d12	23.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	80
2	Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	72
3	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	58
4	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	40
5	2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15N03	024451-17-0	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
Data File : BM014337.D
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Operator : SJ/JU
Sample : J1631-03 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y6

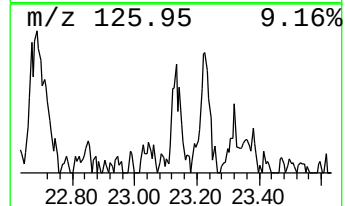
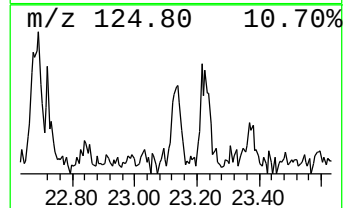
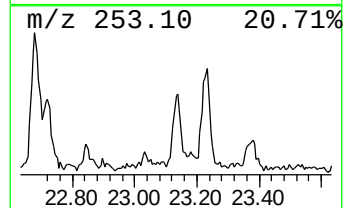
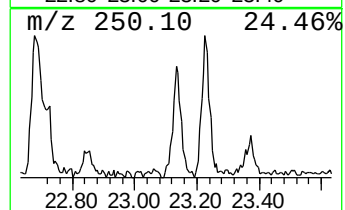
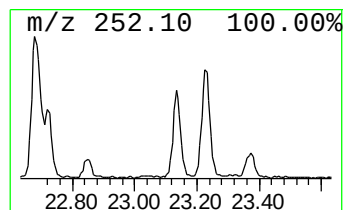
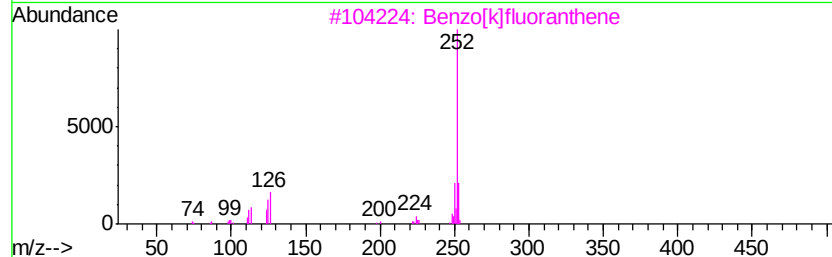
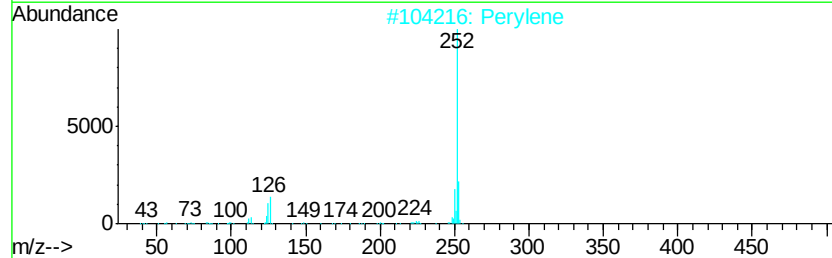
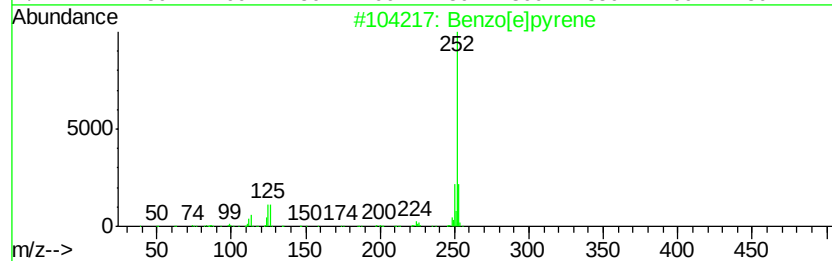
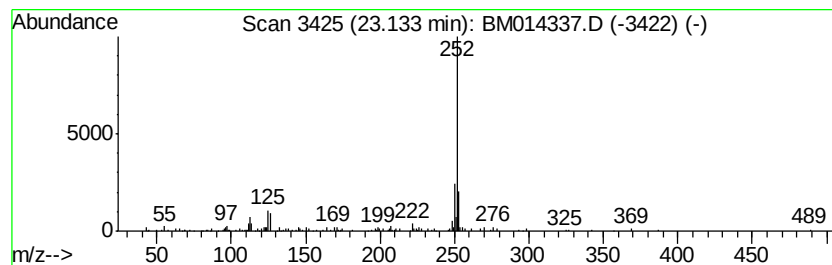
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	2.10 ng/ul	137580	Perylene-d12	23.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2		Perylene	252	C20H12	000198-55-0	86
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	72
5		Benzo[a]pyrene	252	C20H12	000050-32-8	68



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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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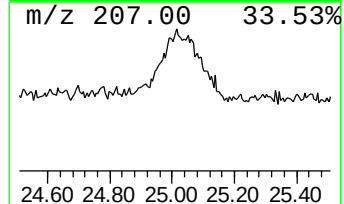
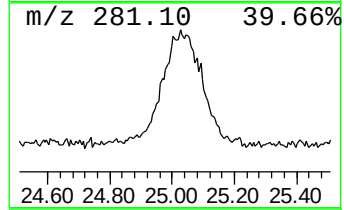
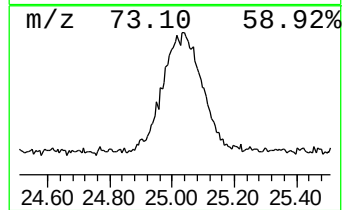
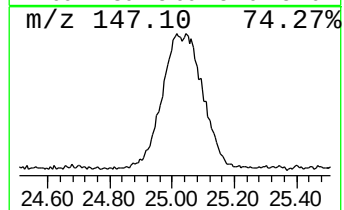
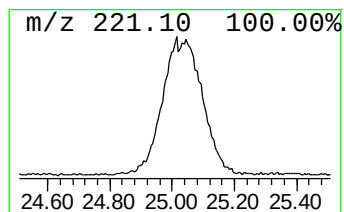
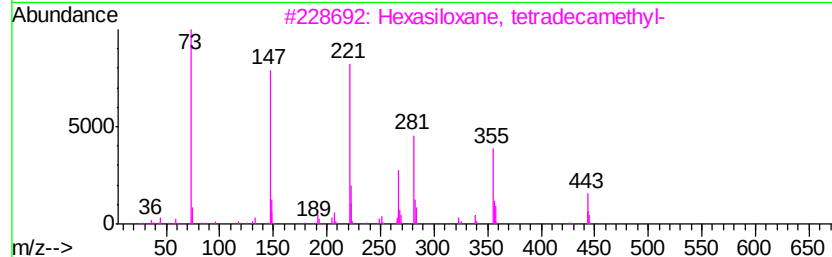
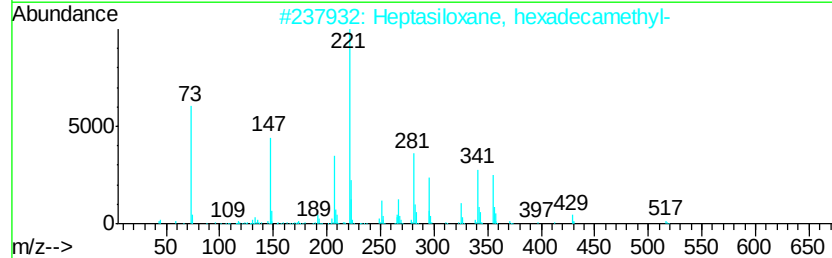
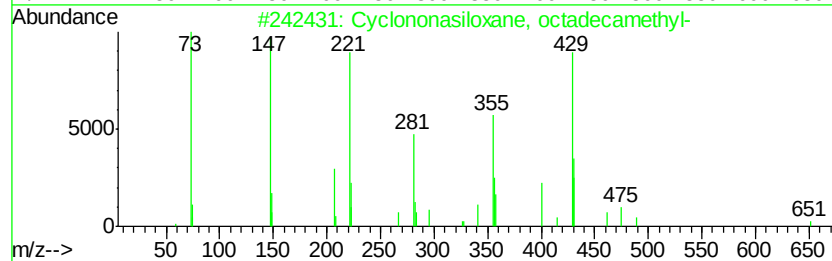
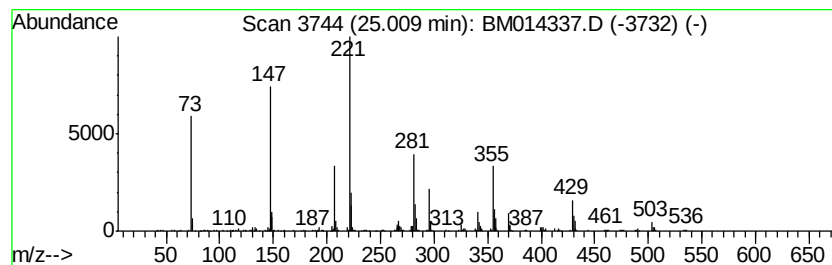
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Cyclononasiloxane, octadeca... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.01	36.12 ng/ul	2366650	Perylene-d12	23.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	87
2		Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	72
3		Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	64
4		2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15N03	024451-17-0	37
5		3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37



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Data File : BM014337.D
Acq On : 23 Feb 2018 18:56
Operator : SJ/JU
Sample : J1631-03 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,3,...	16.52	5.9	ng/ul	347790	4	16.94	1171400	20.0
Naphthalene, 2,3,...	17.14	4.4	ng/ul	255679	4	16.94	1171400	20.0
Naphthalene, 1,2,...	17.80	3.9	ng/ul	229498	4	16.94	1171400	20.0
Naphthalene, 1,4,...	18.43	2.5	ng/ul	144765	4	16.94	1171400	20.0
Retene	19.79	2.1	ng/ul	228064	5	21.15	2123220	20.0
Hexasiloxane, tet...	22.32	96.7	ng/ul	6337660	6	23.32	1310330	20.0
Benzo[e]pyrene	23.13	2.1	ng/ul	137580	6	23.32	1310330	20.0
Cyclononasiloxane...	25.01	36.1	ng/ul	2366650	6	23.32	1310330	20.0