

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042617\
 Data File : BM009719.D
 Acq On : 26 Apr 2017 14:36
 Operator : SJ/MA
 Sample : I2836-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CEM-BF002-02

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-BM042517.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	4.251	193	198	204	rBV3	29874	53625	1.03%	0.097%
2	6.987	656	663	672	rBV	476235	777573	14.93%	1.399%
3	7.157	686	692	703	rBV	364338	572224	10.99%	1.030%
4	7.357	718	726	736	rBV	445158	728941	14.00%	1.312%
5	7.828	799	806	813	rBV	567281	929499	17.85%	1.673%
6	8.522	918	924	934	rBV	546040	902618	17.33%	1.624%
7	8.992	994	1004	1014	rBV	482024	795489	15.27%	1.432%
8	9.710	1119	1126	1133	rBV2	388527	654262	12.56%	1.177%
9	10.239	1209	1216	1226	rBV2	550597	908608	17.45%	1.635%
10	10.622	1272	1281	1288	rBV	833121	1347588	25.88%	2.425%
11	10.763	1299	1305	1316	rBV	448942	803940	15.44%	1.447%
12	13.880	1829	1835	1839	rBV	1014398	1418664	27.24%	2.553%
13	13.927	1839	1843	1848	rVB	225622	313133	6.01%	0.564%
14	14.163	1876	1883	1895	rBV	1086724	1655557	31.79%	2.979%
15	14.468	1929	1935	1943	rVB2	1174187	1843436	35.40%	3.318%
16	14.674	1963	1970	1981	rBV	497116	793863	15.24%	1.429%
17	15.298	2071	2076	2082	rVB	66165	80270	1.54%	0.144%
18	15.463	2096	2104	2110	rBV	1518052	2132018	40.94%	3.837%
19	15.592	2120	2126	2133	rBV	540670	754566	14.49%	1.358%
20	15.704	2138	2145	2149	rVB6	40575	68232	1.31%	0.123%
21	15.821	2157	2165	2169	rBV3	39186	65690	1.26%	0.118%
22	16.162	2217	2223	2234	rBV	81817	159764	3.07%	0.288%
23	16.951	2352	2357	2363	rBV3	62075	88590	1.70%	0.159%
24	17.221	2397	2403	2407	rBV	1650869	2414283	46.36%	4.345%
25	17.262	2407	2410	2414	rVB	474859	610614	11.73%	1.099%
26	17.321	2414	2420	2425	rBV	1699419	2373407	45.57%	4.271%
27	17.504	2444	2451	2457	rBV5	42455	72578	1.39%	0.131%
28	18.092	2547	2551	2556	rBV3	251906	344520	6.62%	0.620%
29	18.145	2556	2560	2567	rVV2	119804	184652	3.55%	0.332%
30	18.227	2569	2574	2578	rVV	35334	54446	1.05%	0.098%
31	18.292	2579	2585	2588	rVV3	95217	183245	3.52%	0.330%
32	18.327	2588	2591	2597	rVB	64896	90059	1.73%	0.162%
33	18.592	2632	2636	2641	rBV2	64290	90680	1.74%	0.163%
34	18.645	2641	2645	2652	rVB5	49220	65236	1.25%	0.117%

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35	19.009	2703	2707	2712	rBV3	65882	105247	2.02%	0.189%
36	19.156	2728	2732	2740	rVB2	78777	140095	2.69%	0.252%
37	19.280	2745	2753	2760	rVB	1727085	2329716	44.74%	4.193%
38	19.368	2765	2768	2775	rVB4	91867	119156	2.29%	0.214%
39	19.521	2789	2794	2803	rVB3	48774	112295	2.16%	0.202%
40	19.615	2803	2810	2813	rBV	2419170	3696377	70.98%	6.652%
41	19.645	2813	2815	2822	rVV	1504245	1616283	31.04%	2.909%
42	19.715	2822	2827	2833	rVB2	88859	157878	3.03%	0.284%
43	19.821	2841	2845	2850	rVB	75797	110660	2.12%	0.199%
44	19.956	2863	2868	2876	rBV4	100428	256379	4.92%	0.461%
45	20.133	2888	2898	2902	rBV4	129421	350866	6.74%	0.631%
46	20.292	2918	2925	2929	rVV4	132547	264860	5.09%	0.477%
47	20.368	2936	2938	2943	rVB4	40773	54277	1.04%	0.098%
48	20.433	2945	2949	2952	rBV	78386	96108	1.85%	0.173%
49	20.480	2953	2957	2960	rVV2	76954	90942	1.75%	0.164%
50	20.786	3007	3009	3014	rVB6	42066	53218	1.02%	0.096%
51	20.880	3021	3025	3033	rBV	205270	301428	5.79%	0.542%
52	21.045	3048	3053	3057	rBV2	155551	258498	4.96%	0.465%
53	21.086	3057	3060	3064	rVV	496249	620060	11.91%	1.116%
54	21.127	3064	3067	3071	rVV2	155817	230510	4.43%	0.415%
55	21.180	3072	3076	3081	rVB	195367	245509	4.71%	0.442%
56	21.403	3106	3114	3117	rBV2	3032591	5207791	100.00%	9.372%
57	21.439	3117	3120	3125	rVB	909026	1150998	22.10%	2.071%
58	21.556	3137	3140	3145	rVB3	87308	129018	2.48%	0.232%
59	21.715	3163	3167	3173	rBV4	111343	216376	4.15%	0.389%
60	21.962	3205	3209	3212	rBV	146932	210550	4.04%	0.379%
61	22.450	3287	3292	3299	rBV	682451	1005938	19.32%	1.810%
62	22.956	3375	3378	3382	rVB	131394	159230	3.06%	0.287%
63	23.015	3382	3388	3393	rBV	966778	2144952	41.19%	3.860%
64	23.197	3414	3419	3423	rVB	127973	226637	4.35%	0.408%
65	23.515	3467	3473	3476	rBV	423463	821757	15.78%	1.479%
66	23.568	3476	3482	3486	rVV2	1473480	2911287	55.90%	5.239%
67	23.615	3486	3490	3497	rVB	675523	1237127	23.76%	2.226%
68	23.715	3500	3507	3513	rBV2	1610850	3167885	60.83%	5.701%
69	24.209	3586	3591	3598	rVB3	204832	389262	7.47%	0.701%
70	26.062	3900	3906	3919	rVB3	357822	1044765	20.06%	1.880%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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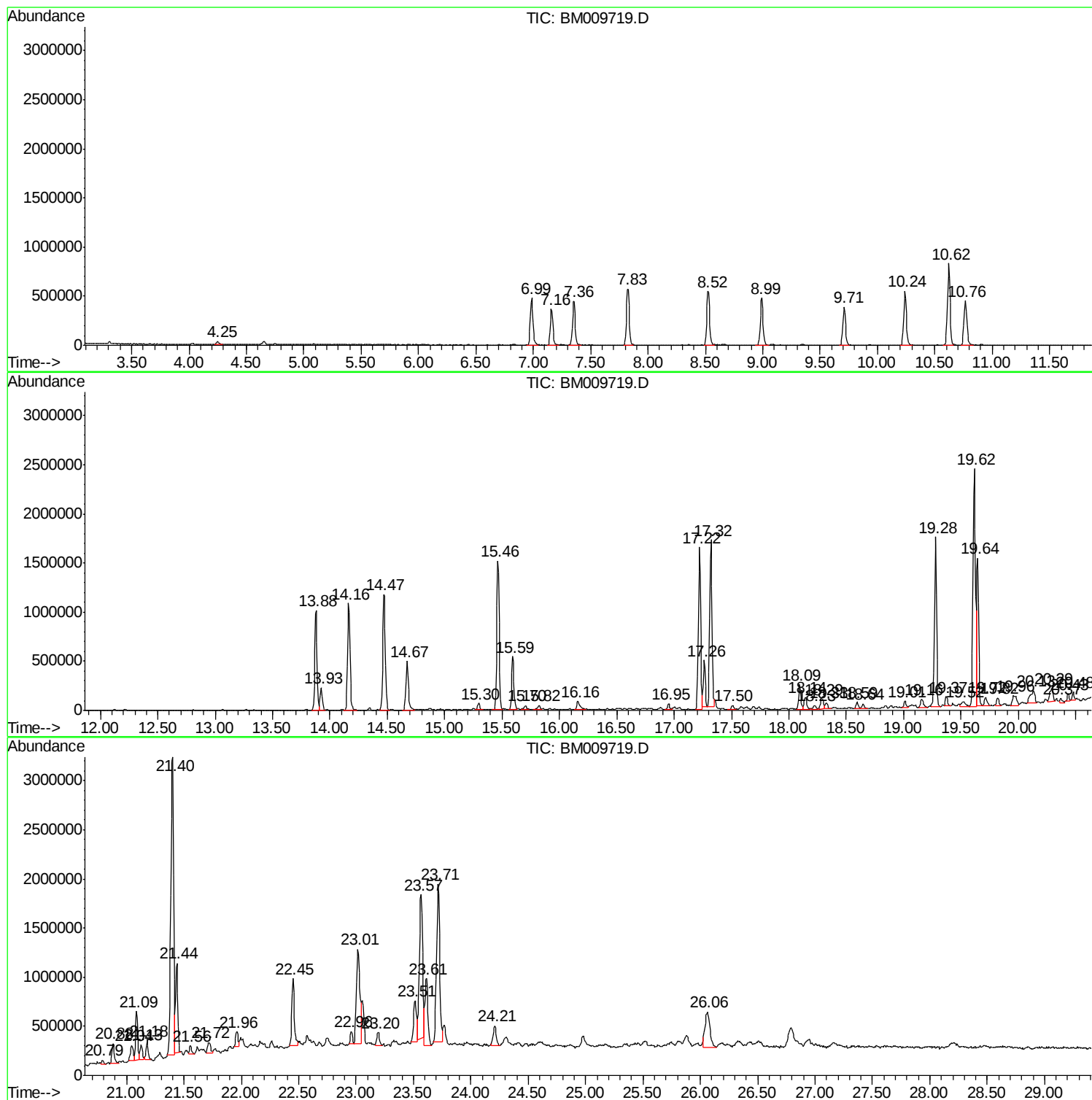
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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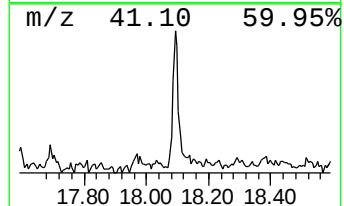
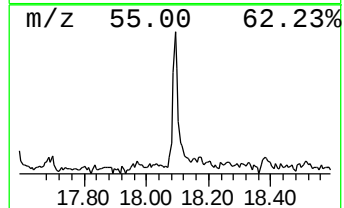
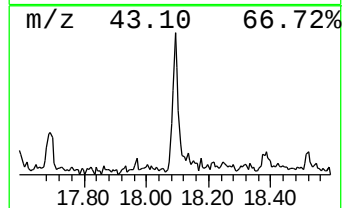
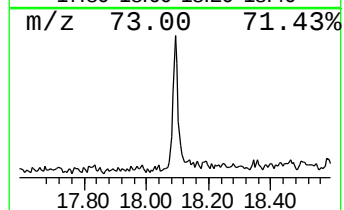
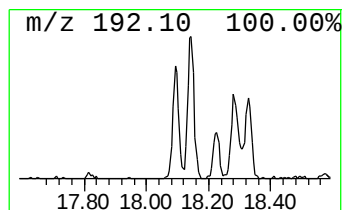
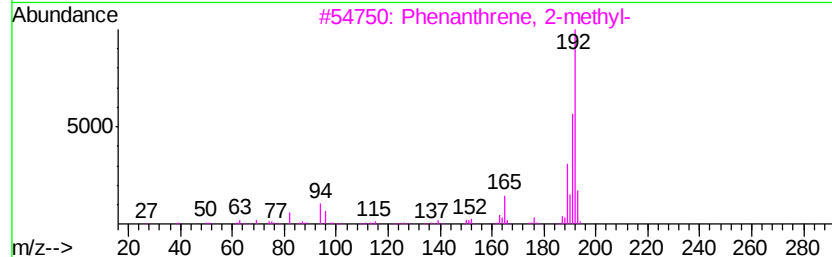
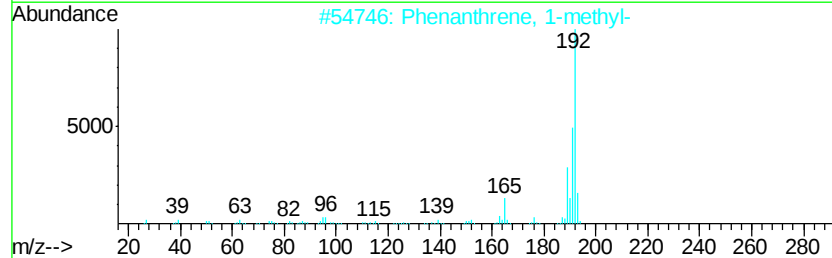
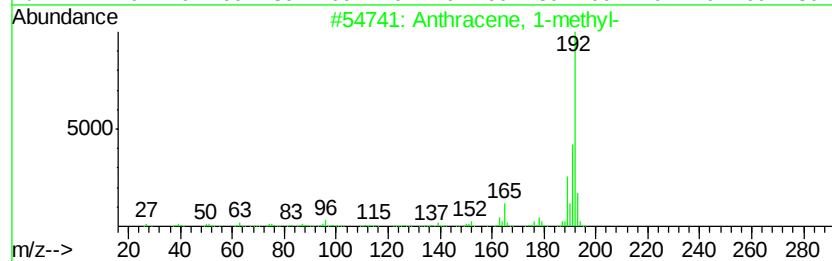
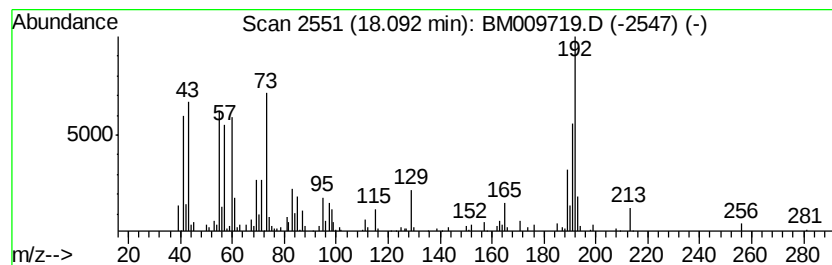
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.09	2.85 ng/ul	344520	Phenanthrene-d10	17.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



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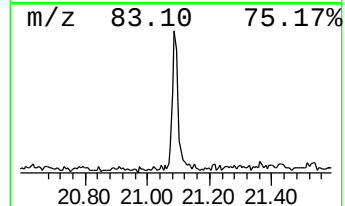
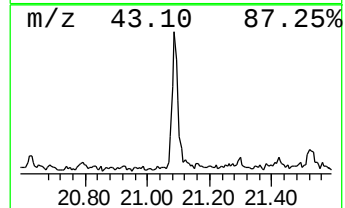
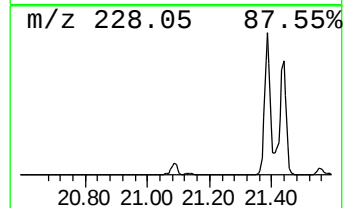
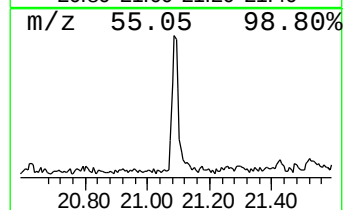
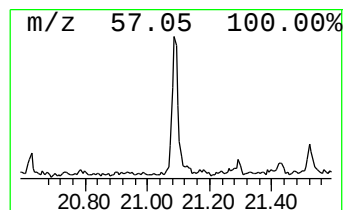
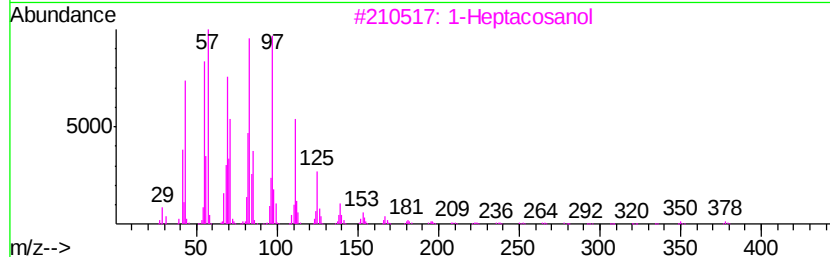
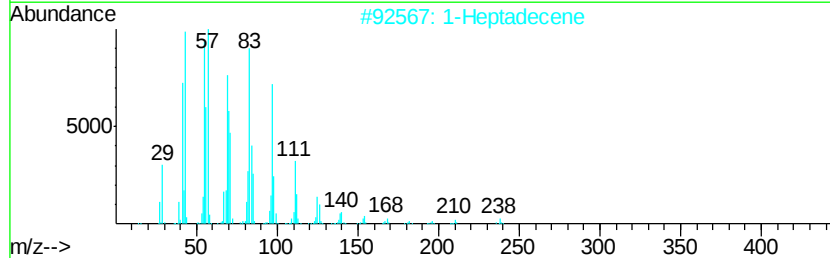
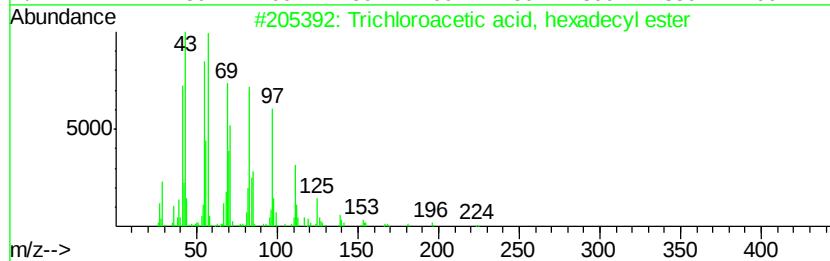
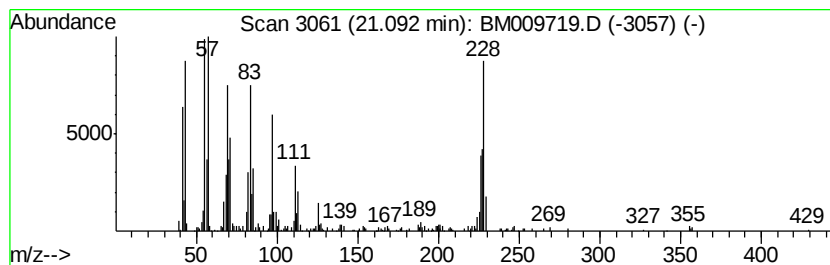
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.38 ng/ul	620060	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	55
2		1-Heptadecene	238	C17H34	006765-39-5	49
3		1-Heptacosanol	396	C27H56O	002004-39-9	49
4		3-Hexadecene, (Z)-	224	C16H32	034303-81-6	38
5		1-Tricosene	322	C23H46	018835-32-0	38



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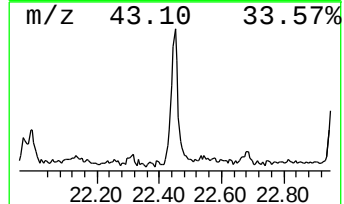
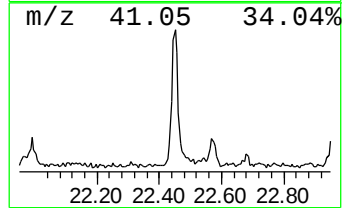
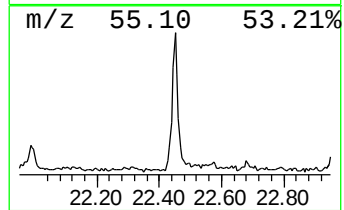
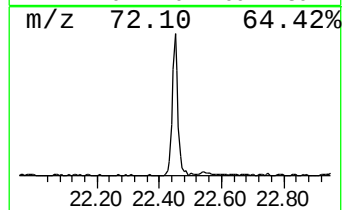
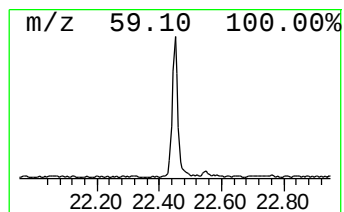
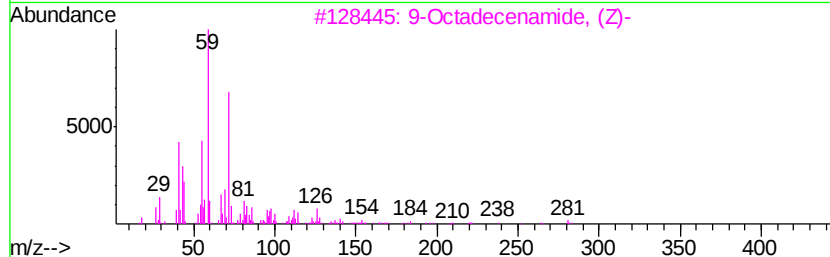
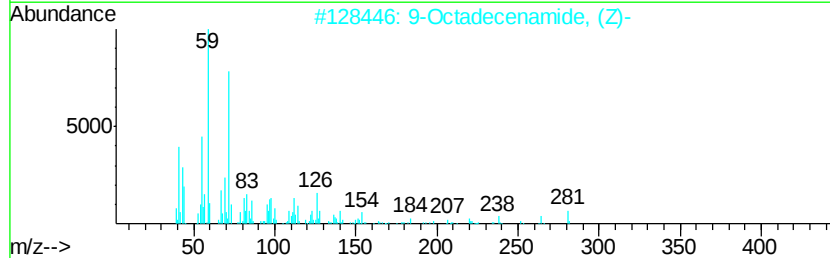
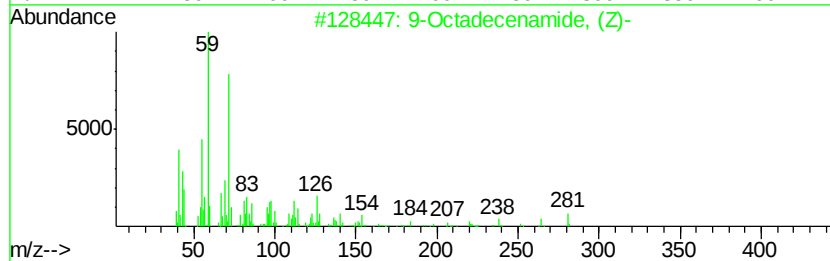
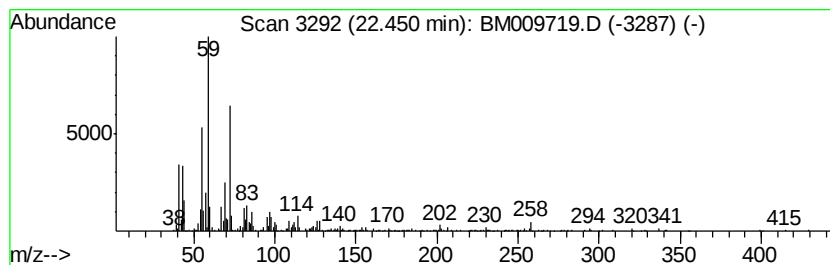
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.			
22.45	3.86 ng/ul	1005940	Chrysene-d12	21.40			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
4			13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
5			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87



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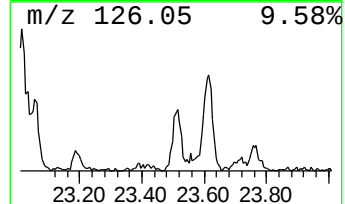
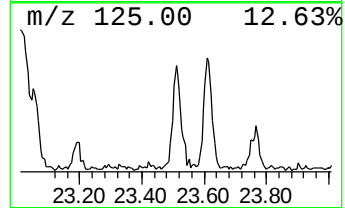
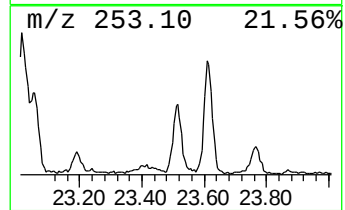
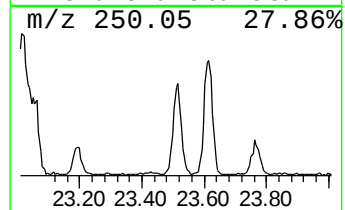
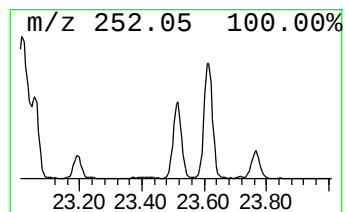
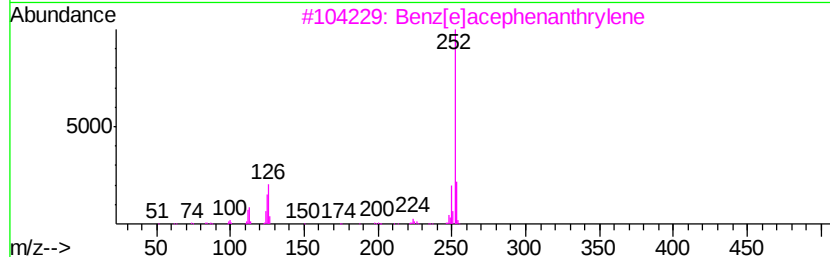
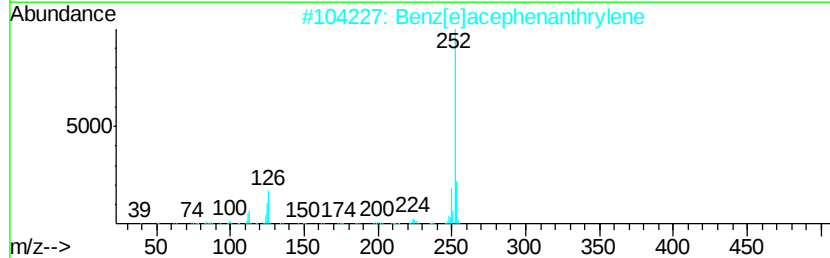
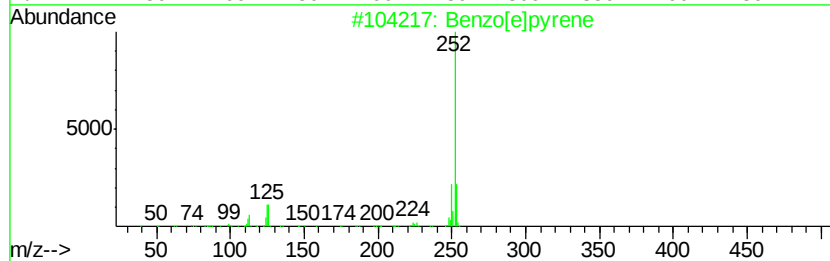
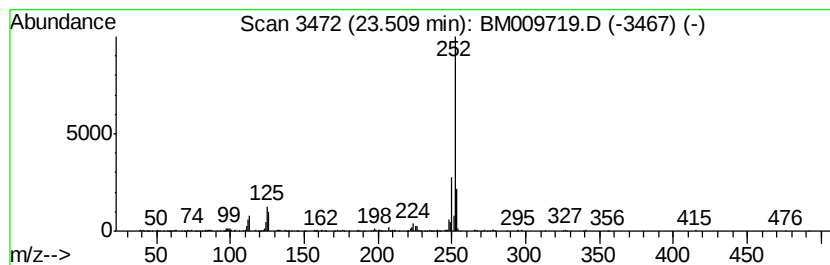
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	5.19 ng/ul	821757	Perylene-d12	23.71
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[e]pyrene	252 C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252 C20H12	000205-99-2	95
3	Benz[e]acephenanthrylene	252 C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252 C20H12	000205-82-3	90
5	Benzo[e]pyrene	252 C20H12	000192-97-2	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042617\
Data File : BM009719.D
Acq On : 26 Apr 2017 14:36
Operator : SJ/MA
Sample : I2836-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CEM-BF002-02

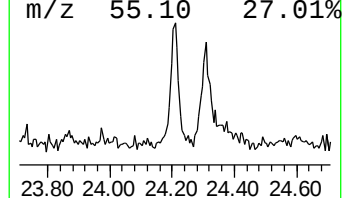
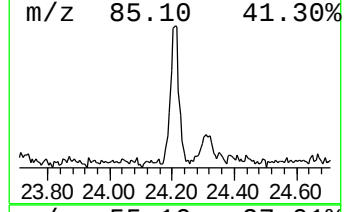
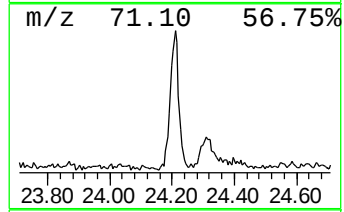
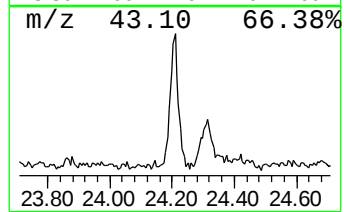
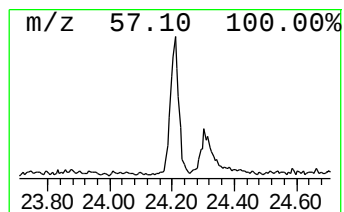
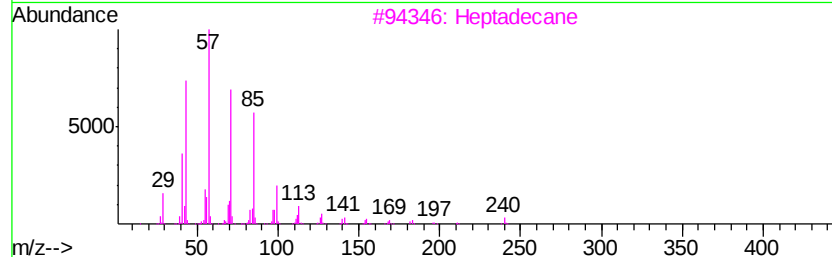
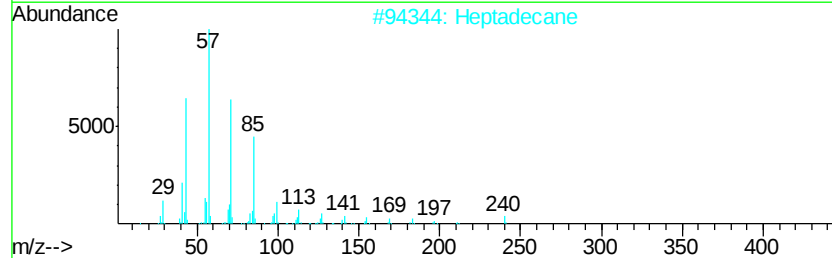
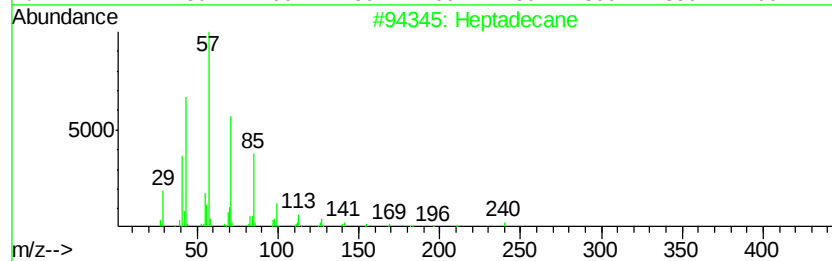
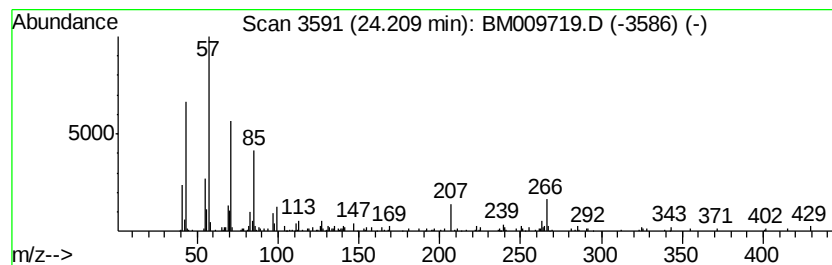
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	2.46 ng/ul	389262	Perylene-d12	23.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Heptadecane		240	C17H36	000629-78-7	93
3	Heptadecane		240	C17H36	000629-78-7	86
4	Octadecane, 2-methyl-		268	C19H40	001560-88-9	76
5	Octacosane		394	C28H58	000630-02-4	68



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042617\
Data File : BM009719.D
Acq On : 26 Apr 2017 14:36
Operator : SJ/MA
Sample : I2836-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CEM-BF002-02

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.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
Anthracene, 1-met...	18.09	2.9	ng/ul	344520	4	17.22	2414280	20.0
Trichloroacetic a...	21.09	2.4	ng/ul	620060	5	21.40	5207790	20.0
9-Octadecenamide, ...	22.45	3.9	ng/ul	1005940	5	21.40	5207790	20.0
Benzo[e]pyrene	23.51	5.2	ng/ul	821757	6	23.71	3167890	20.0
(DEL) Alkane: Str...	24.21	2.5	ng/ul	389262	6	23.71	3167890	20.0