

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070516\
 Data File : BM006270.D
 Acq On : 05 Jul 2016 22:34
 Operator : UM/SJ
 Sample : H3877-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 V001-BF005-01

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\SOM02.2-EPA-BM070216.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	6.822	713	720	734	rBV	686892	1187095	33.02%	1.770%
2	6.981	741	747	761	rBV	536568	850160	23.65%	1.268%
3	7.175	773	780	792	rBV	680411	1100190	30.60%	1.641%
4	7.645	852	860	868	rBV	786216	1290856	35.91%	1.925%
5	8.351	970	980	995	rBV	830938	1423960	39.61%	2.124%
6	8.798	1048	1056	1068	rBV	673337	1149358	31.97%	1.714%
7	9.516	1171	1178	1187	rBV	530937	931004	25.90%	1.389%
8	10.051	1261	1269	1285	rBV	785449	1422623	39.57%	2.122%
9	10.422	1325	1332	1348	rBV	1121234	2005751	55.79%	2.991%
10	10.563	1348	1356	1373	rBV	731714	1382167	38.45%	2.061%
11	13.121	1785	1791	1798	rBV2	20947	38247	1.06%	0.057%
12	13.610	1869	1874	1879	rBV2	36902	62001	1.72%	0.092%
13	13.704	1885	1890	1895	rVV	1340607	2049639	57.01%	3.057%
14	13.751	1895	1898	1907	rVB	412375	576611	16.04%	0.860%
15	13.986	1928	1938	1948	rBV	1604441	2566988	71.40%	3.828%
16	14.198	1968	1974	1981	rBV	39789	64088	1.78%	0.096%
17	14.292	1982	1990	1997	rVV2	1529173	2490999	69.29%	3.715%
18	14.357	1997	2001	2009	rVB	146146	233741	6.50%	0.349%
19	14.510	2020	2027	2040	rBV	453509	833844	23.19%	1.244%
20	14.692	2053	2058	2067	rVB	142521	232426	6.47%	0.347%
21	14.915	2088	2096	2100	rBV3	19498	39949	1.11%	0.060%
22	15.092	2119	2126	2129	rBV4	22388	45927	1.28%	0.068%
23	15.157	2133	2137	2144	rVB	52158	77189	2.15%	0.115%
24	15.292	2153	2160	2165	rBV	2014071	3065983	85.28%	4.573%
25	15.345	2165	2169	2175	rVB	178787	265967	7.40%	0.397%
26	15.421	2177	2182	2188	rBV	386636	582130	16.19%	0.868%
27	15.509	2193	2197	2203	rBV4	26088	61396	1.71%	0.092%
28	15.639	2215	2219	2227	rVB	79800	141238	3.93%	0.211%
29	15.786	2238	2244	2253	rVV	86075	193705	5.39%	0.289%
30	15.874	2253	2259	2266	rVB5	22893	55889	1.55%	0.083%
31	16.021	2280	2284	2291	rBV2	73476	131366	3.65%	0.196%
32	16.356	2333	2341	2345	rBV4	46530	96421	2.68%	0.144%
33	16.398	2345	2348	2355	rVB5	31515	50084	1.39%	0.075%
34	16.580	2375	2379	2383	rBV4	39210	68995	1.92%	0.103%

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35	16.615	2383	2385	2389	rVV2	48769	61152	1.70%	0.091%
36	16.698	2393	2399	2406	rVB	83717	136606	3.80%	0.204%
37	16.774	2408	2412	2414	rBV2	50574	73461	2.04%	0.110%
38	16.809	2414	2418	2423	rVV2	139482	229045	6.37%	0.342%
39	16.862	2423	2427	2436	rVB	147644	250450	6.97%	0.374%
40	17.045	2451	2458	2461	rBV	1743196	2657458	73.92%	3.963%
41	17.086	2461	2465	2470	rVV	2093011	3079893	85.67%	4.593%
42	17.139	2470	2474	2478	rVV	2003507	3034248	84.40%	4.525%
43	17.174	2478	2480	2486	rVB	428394	515246	14.33%	0.768%
44	17.233	2486	2490	2495	rBV3	39645	62795	1.75%	0.094%
45	17.445	2517	2526	2540	rBV3	210491	591265	16.45%	0.882%
46	17.562	2540	2546	2553	rVB3	49526	106697	2.97%	0.159%
47	17.627	2553	2557	2560	rBV3	27606	39863	1.11%	0.059%
48	17.762	2577	2580	2588	rVB3	25856	46263	1.29%	0.069%
49	17.839	2588	2593	2597	rBV4	21859	41753	1.16%	0.062%
50	17.915	2598	2606	2610	rVV	213331	342540	9.53%	0.511%
51	17.962	2610	2614	2620	rVB	313546	459626	12.78%	0.685%
52	18.045	2620	2628	2633	rBV3	105378	179201	4.98%	0.267%
53	18.115	2633	2640	2643	rVV2	276539	509651	14.18%	0.760%
54	18.150	2643	2646	2653	rVB	153862	221474	6.16%	0.330%
55	18.239	2656	2661	2663	rBV4	28113	45712	1.27%	0.068%
56	18.421	2688	2692	2696	rBV	183939	257234	7.16%	0.384%
57	18.462	2696	2699	2704	rVB	170553	235464	6.55%	0.351%
58	18.550	2711	2714	2720	rVB3	30936	42085	1.17%	0.063%
59	18.668	2731	2734	2739	rBV3	53118	65670	1.83%	0.098%
60	18.721	2740	2743	2746	rVB	45199	50643	1.41%	0.076%
61	18.756	2746	2749	2754	rVB2	49016	68016	1.89%	0.101%
62	18.845	2757	2764	2768	rBV	109465	204588	5.69%	0.305%
63	18.980	2783	2787	2797	rBV2	95769	187907	5.23%	0.280%
64	19.109	2803	2809	2815	rVB	2060576	2967028	82.53%	4.425%
65	19.174	2817	2820	2823	rVV	34275	42903	1.19%	0.064%
66	19.209	2823	2826	2830	rVB2	54576	67283	1.87%	0.100%
67	19.309	2837	2843	2844	rBV5	54176	86385	2.40%	0.129%
68	19.350	2848	2850	2853	rVB	60337	69544	1.93%	0.104%
69	19.445	2860	2866	2868	rBV2	2375937	3575525	99.46%	5.333%
70	19.474	2868	2871	2878	rVV	1749376	2396318	66.66%	3.574%
71	19.544	2879	2883	2890	rVB2	114094	191288	5.32%	0.285%

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72	19.650	2897	2901	2907	rBV	117947	167934	4.67%	0.250%
73	19.709	2908	2911	2917	rVB	78279	124007	3.45%	0.185%
74	19.797	2920	2926	2927	rBV2	131186	211930	5.89%	0.316%
75	19.939	2944	2950	2951	rBV3	83468	145222	4.04%	0.217%
76	19.968	2952	2955	2959	rVB2	174420	227895	6.34%	0.340%
77	20.068	2969	2972	2976	rBV	97674	113324	3.15%	0.169%
78	20.127	2976	2982	2987	rBV2	179407	308802	8.59%	0.461%
79	20.197	2991	2994	3002	rVB3	72184	132234	3.68%	0.197%
80	20.268	3002	3006	3009	rBV	94952	126136	3.51%	0.188%
81	20.315	3010	3014	3018	rVB2	92881	136665	3.80%	0.204%
82	20.715	3079	3082	3090	rVB	143461	208963	5.81%	0.312%
83	20.886	3106	3111	3114	rBV3	103358	165843	4.61%	0.247%
84	20.921	3114	3117	3120	rVV	152430	181084	5.04%	0.270%
85	20.962	3120	3124	3129	rVV2	256009	466831	12.99%	0.696%
86	21.015	3130	3133	3139	rVB2	146059	217930	6.06%	0.325%
87	21.239	3164	3171	3174	rBV2	2046530	3595091	100.00%	5.362%
88	21.274	3174	3177	3187	rVB	834435	1102550	30.67%	1.644%
89	21.391	3194	3197	3202	rBV2	141841	180873	5.03%	0.270%
90	21.550	3220	3224	3229	rBV2	99410	156534	4.35%	0.233%
91	21.780	3260	3263	3268	rVB	152897	205212	5.71%	0.306%
92	21.833	3268	3272	3279	rVB2	114432	185046	5.15%	0.276%
93	21.980	3294	3297	3300	rBV2	64027	82777	2.30%	0.123%
94	22.785	3428	3434	3439	rBV	593933	1362657	37.90%	2.032%
95	23.262	3509	3515	3518	rBV	313923	613961	17.08%	0.916%
96	23.309	3518	3523	3528	rVV2	1303542	2605168	72.46%	3.885%
97	23.350	3528	3530	3537	rVB	550689	819505	22.80%	1.222%
98	23.450	3540	3547	3553	rBV	1199875	2291150	63.73%	3.417%
99	23.962	3631	3634	3647	rVB2	124227	270920	7.54%	0.404%
100	25.662	3916	3923	3932	rVB	242552	683990	19.03%	1.020%

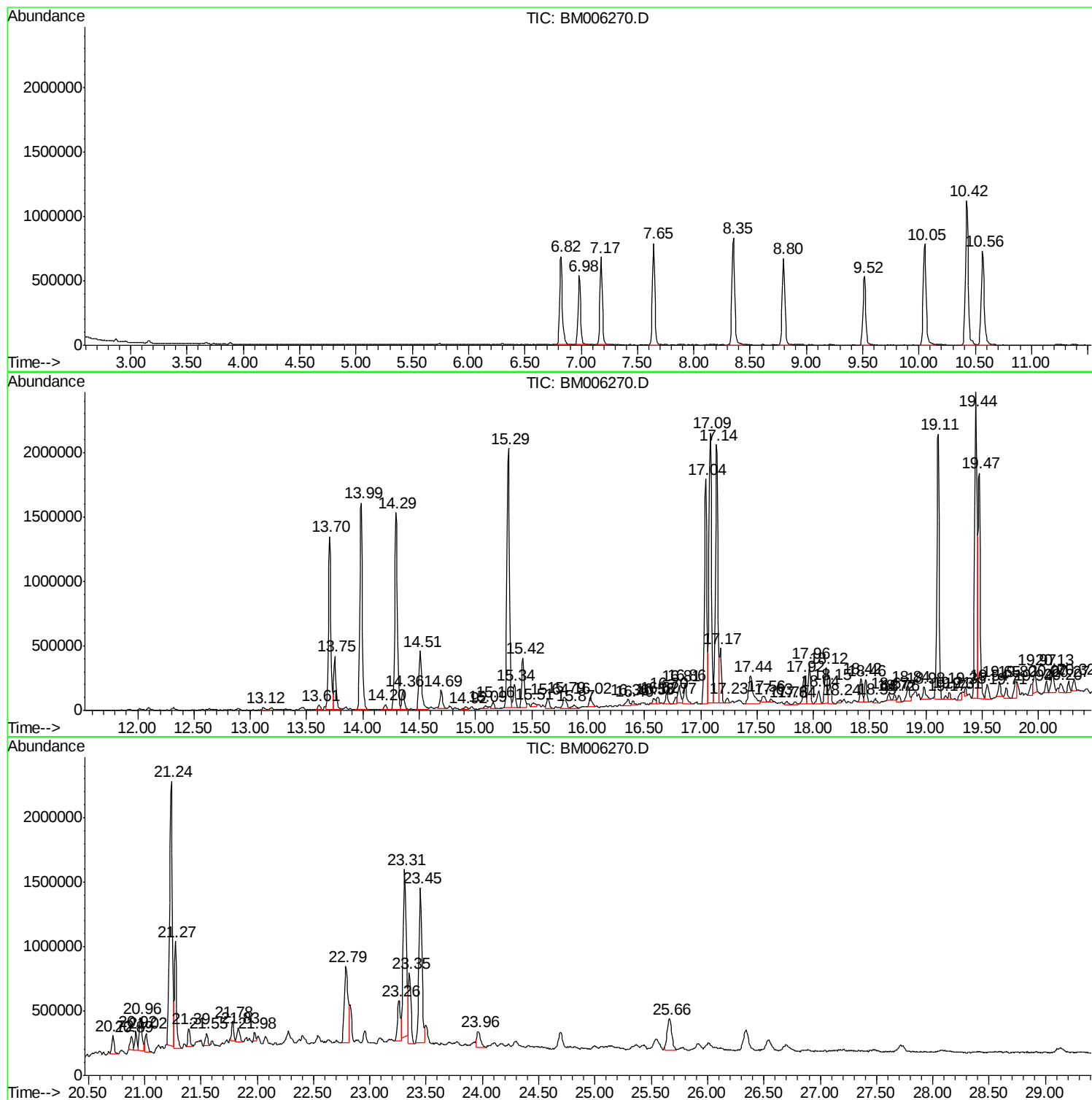
Sum of corrected areas: 67050501

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



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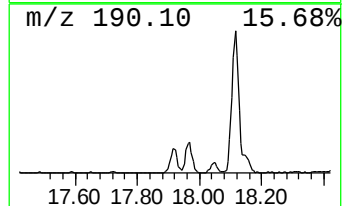
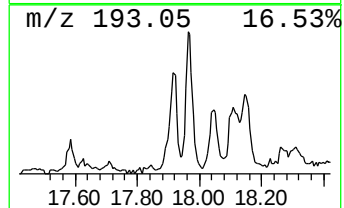
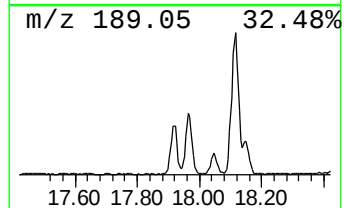
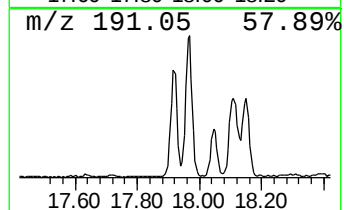
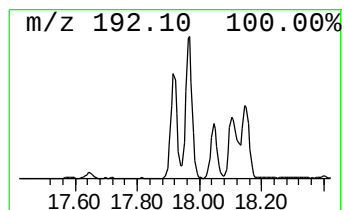
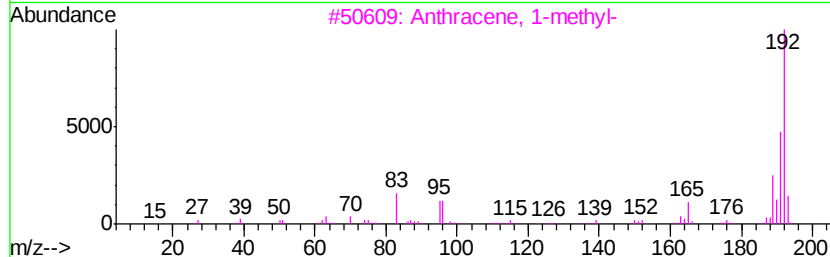
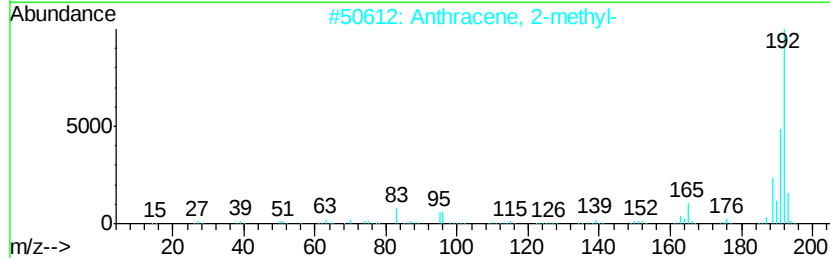
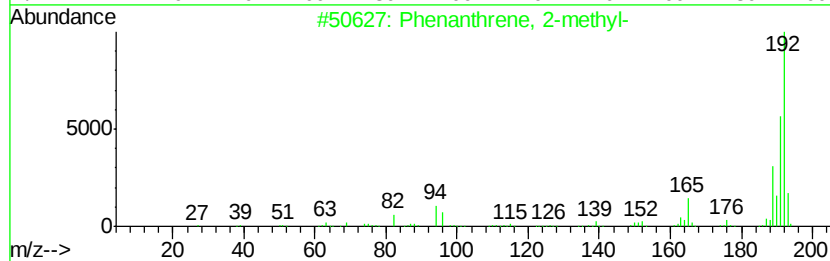
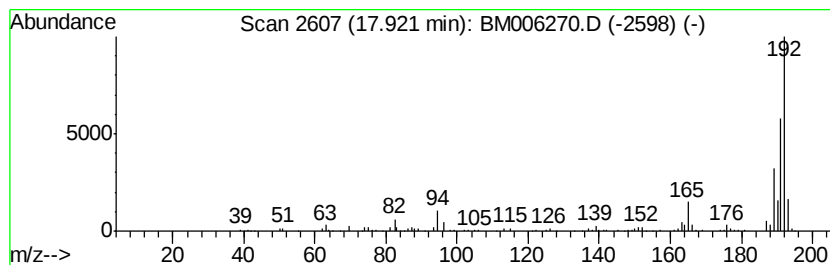
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.92	2.58 ng/ul	342540	Phenanthrene-d10	17.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



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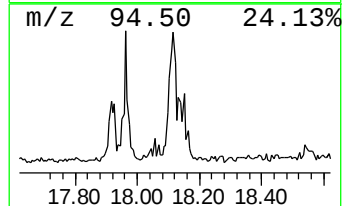
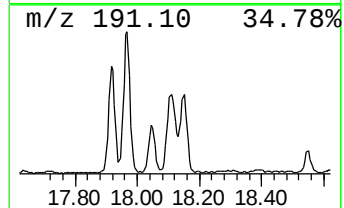
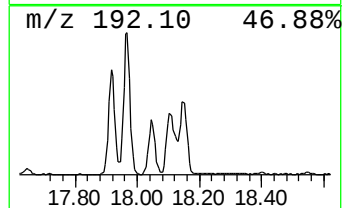
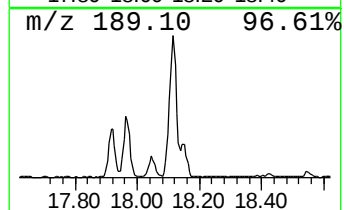
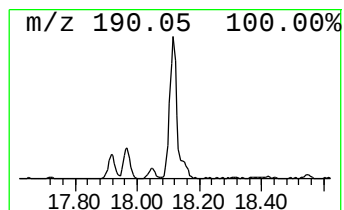
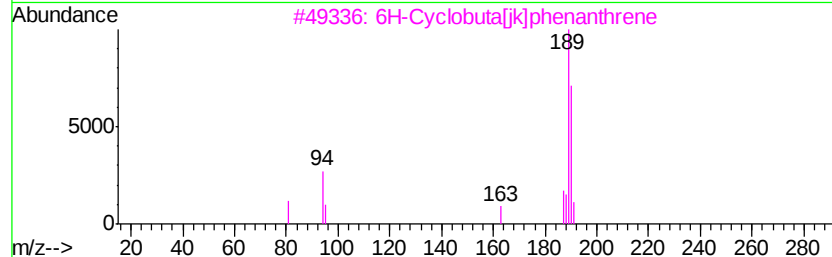
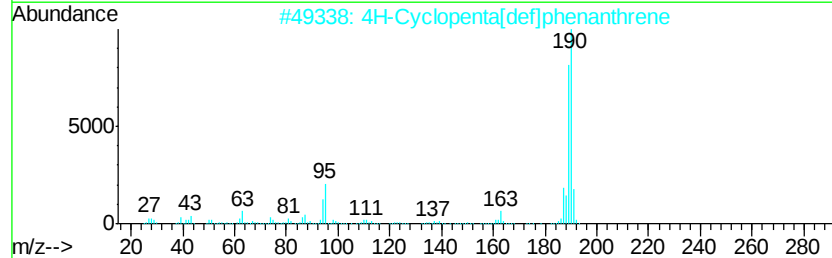
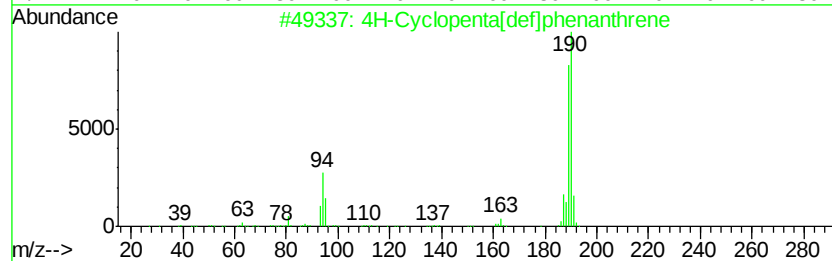
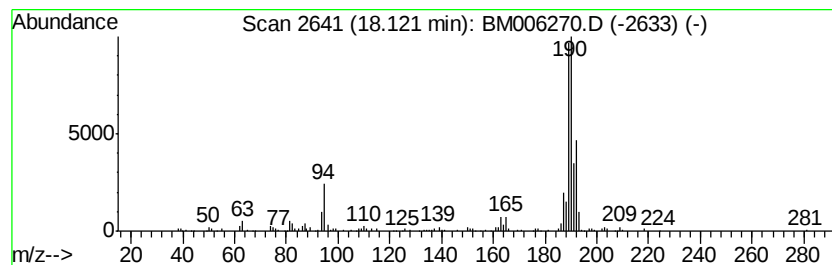
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	3.84 ng/ul	509651	Phenanthrene-d10	17.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		6H-Cyclobuta[i]k]phenanthrene	190	C15H10	083469-43-6	53
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5		Methyl diselenide	190	C2H6Se2	007101-31-7	38



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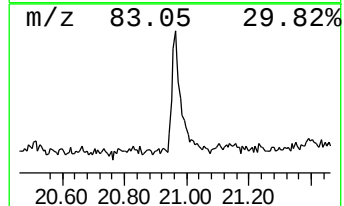
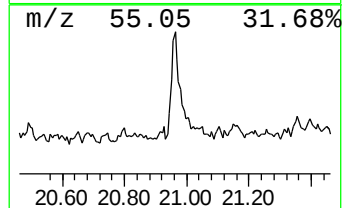
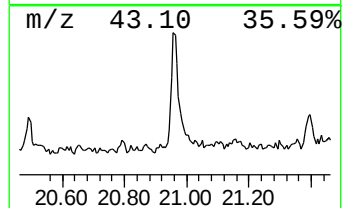
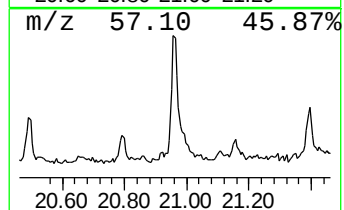
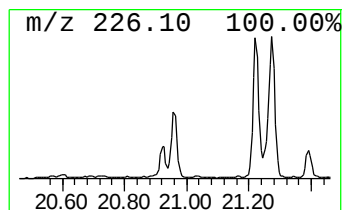
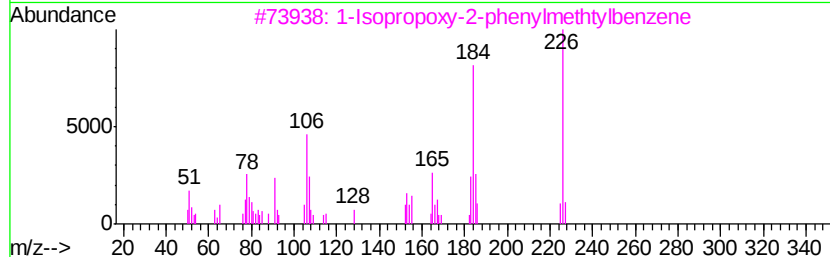
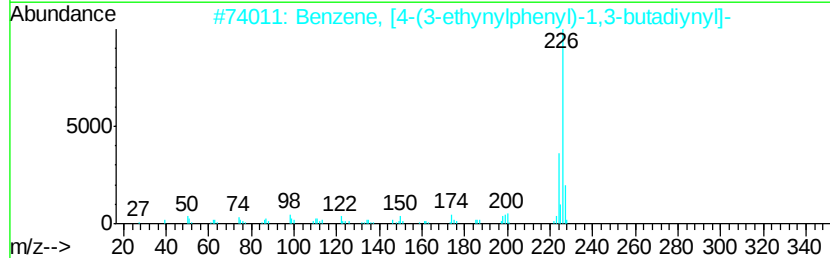
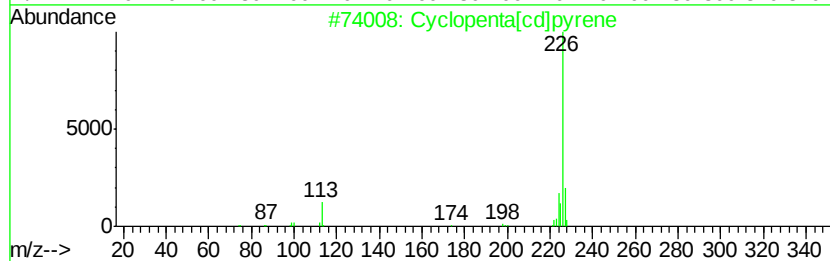
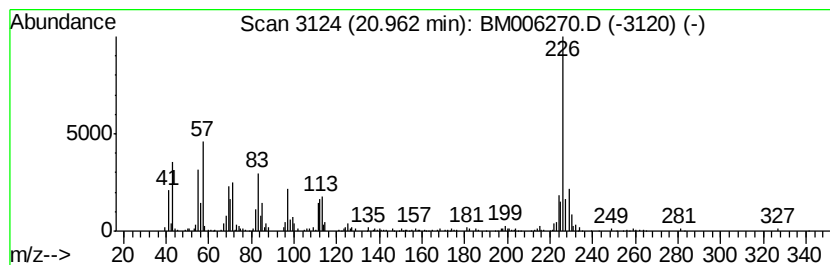
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Peak Number 4 Cyclopenta[cd]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.60 ng/ul	466831	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	58
2		Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	43
3		1-Isopropoxy-2-phenylmethoxybenzene	226	C16H18O	080227-92-5	38
4		p-Anisaldehyde phenylhydrazide	226	C14H14N2O	000622-73-1	37
5		Phosphoric acid, di-(4-nitrophenyl...)	833	C42H49BrN3O8P	049840-37-1	32



Data Path : Z:\HPCHEM1\BNA M\DATA\BM070516\
Data File : BM006270.D
Acq On : 05 Jul 2016 22:34
Operator : UM/SJ
Sample : H3877-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
V001-BF005-01

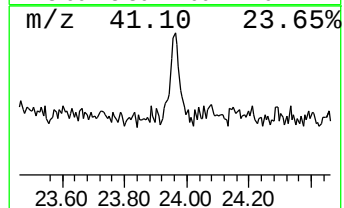
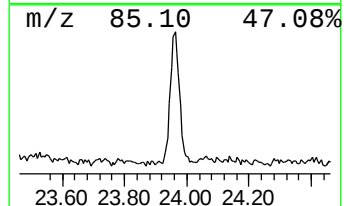
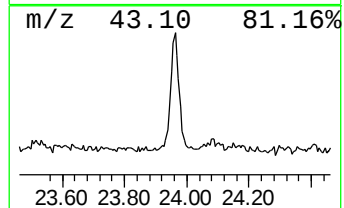
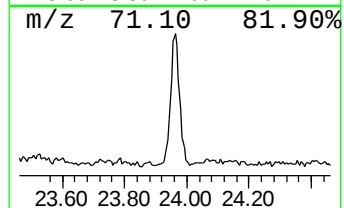
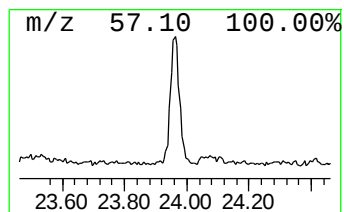
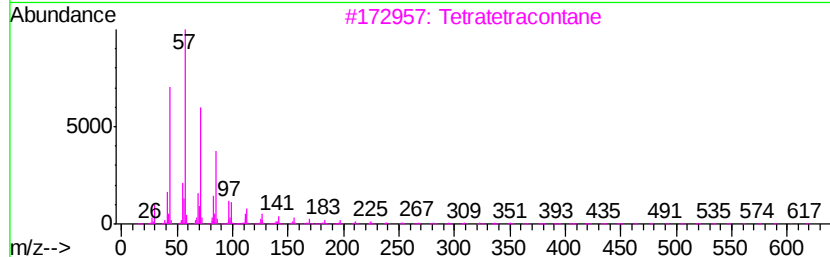
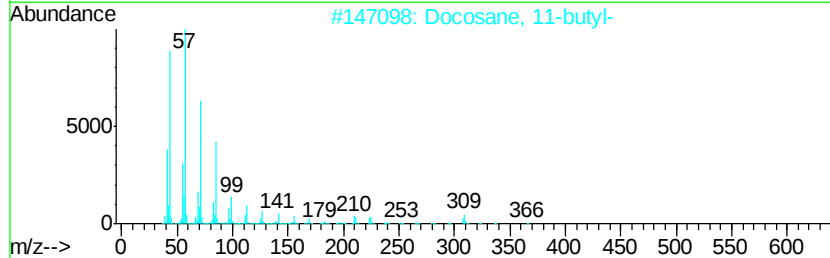
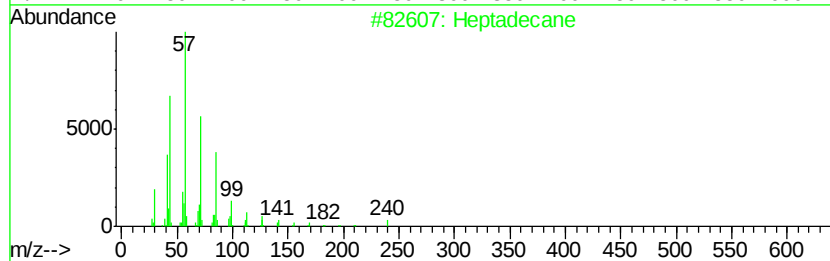
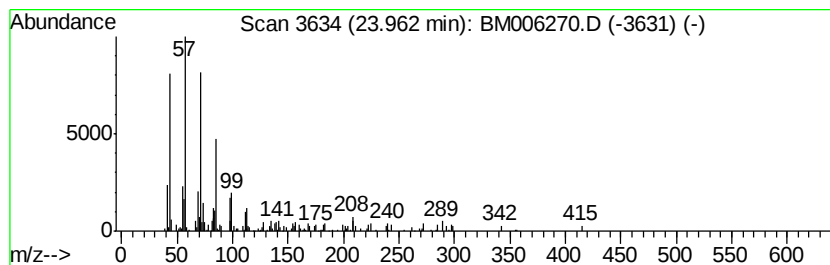
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	2.36 ng/ul	270920	Perylene-d12	23.45

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	87
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	80
3		Tetratetracontane	619	C44H90	007098-22-8	72
4		10-Methylnonadecane	282	C20H42	056862-62-5	72
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070516\
Data File : BM006270.D
Acq On : 05 Jul 2016 22:34
Operator : UM/SJ
Sample : H3877-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
V001-BF005-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.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
Phenanthrene, 2-m...	17.92	2.6	ng/ul	342540	4	17.04	2657460	20.0
4H-Cyclopenta[def...	18.12	3.8	ng/ul	509651	4	17.04	2657460	20.0
Cyclopenta[cd]pyrene	20.96	2.6	ng/ul	466831	5	21.24	3595090	20.0
(DEL) Alkane: Str...	23.96	2.4	ng/ul	270920	6	23.45	2291150	20.0