

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
 Data File : BM013472.D
 Acq On : 16 Dec 2017 11:11
 Operator : SJ/JU
 Sample : I6799-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02B3

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-BM113017.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	3.728	105	109	116	rVB	78284	115831	1.69%	0.134%
2	6.851	634	640	653	rVB	1057824	1692953	24.70%	1.965%
3	7.016	662	668	681	rVB	829808	1237165	18.05%	1.436%
4	7.210	694	701	710	rBV	1075343	1718680	25.07%	1.994%
5	7.675	772	780	788	rBV	1144085	1835071	26.77%	2.130%
6	8.381	894	900	909	rBV	1220037	1961124	28.61%	2.276%
7	8.828	968	976	984	rBV	1087537	1803962	26.32%	2.093%
8	9.545	1089	1098	1110	rBV	962150	1594411	23.26%	1.850%
9	10.080	1181	1189	1200	rBV	1452667	2443665	35.65%	2.836%
10	10.451	1242	1252	1259	rBV	1642725	2718590	39.66%	3.155%
11	10.592	1267	1276	1289	rBV	1176473	2153309	31.41%	2.499%
12	13.733	1803	1810	1814	rBV	2570818	3522606	51.39%	4.088%
13	13.780	1814	1818	1825	rVB	457708	624057	9.10%	0.724%
14	14.010	1845	1857	1868	rBV	2982448	4453583	64.97%	5.168%
15	14.316	1899	1909	1916	rVV2	2249165	3542888	51.69%	4.111%
16	14.533	1939	1946	1958	rBV	795021	1419683	20.71%	1.647%
17	15.127	2040	2047	2051	rBV	76852	114467	1.67%	0.133%
18	15.315	2071	2079	2085	rBV	3626923	5132840	74.88%	5.956%
19	15.368	2085	2088	2095	rVV2	80068	131689	1.92%	0.153%
20	15.445	2095	2101	2113	rVV	449978	660430	9.64%	0.766%
21	15.557	2113	2120	2129	rVB7	46671	113089	1.65%	0.131%
22	16.039	2198	2202	2211	rBV3	58443	98270	1.43%	0.114%
23	16.886	2343	2346	2352	rVB	58436	86324	1.26%	0.100%
24	17.068	2368	2377	2381	rBV2	2878674	4214418	61.48%	4.891%
25	17.109	2381	2384	2388	rVB	951581	1185082	17.29%	1.375%
26	17.168	2388	2394	2398	rBV	3792699	5309394	77.46%	6.161%
27	17.474	2437	2446	2459	rVB2	82061	176611	2.58%	0.205%
28	17.851	2504	2510	2516	rBV9	77689	166672	2.43%	0.193%
29	17.939	2522	2525	2527	rBV	108590	143439	2.09%	0.166%
30	17.974	2527	2531	2539	rVB2	437419	857284	12.51%	0.995%
31	18.074	2544	2548	2553	rVV2	81641	123077	1.80%	0.143%
32	18.139	2553	2559	2563	rVV2	273006	481420	7.02%	0.559%
33	18.174	2563	2565	2573	rVB	99396	114814	1.68%	0.133%
34	18.445	2607	2611	2616	rBV	120159	178206	2.60%	0.207%

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35	18.492	2616	2619	2626	rVB2	104047	137895	2.01%	0.160%
36	18.862	2678	2682	2687	rBV	74183	134977	1.97%	0.157%
37	19.003	2702	2706	2713	rBV3	92688	190434	2.78%	0.221%
38	19.127	2719	2727	2735	rBV	2734229	3734499	54.48%	4.334%
39	19.256	2745	2749	2757	rVB3	323491	489192	7.14%	0.568%
40	19.468	2779	2785	2788	rBV	4437589	6854430	100.00%	7.954%
41	19.492	2788	2789	2798	rVV	2167762	2217749	32.35%	2.574%
42	19.568	2798	2802	2809	rVB3	100186	162675	2.37%	0.189%
43	19.674	2816	2820	2825	rVB	128805	179700	2.62%	0.209%
44	19.733	2827	2830	2837	rVB	71766	118414	1.73%	0.137%
45	19.821	2839	2845	2846	rBV3	151911	256016	3.74%	0.297%
46	19.956	2863	2868	2869	rBV5	103406	156319	2.28%	0.181%
47	19.992	2870	2874	2880	rVB	400820	563088	8.21%	0.653%
48	20.092	2887	2891	2895	rBV	325386	398271	5.81%	0.462%
49	20.150	2897	2901	2904	rVB2	175991	256955	3.75%	0.298%
50	20.292	2921	2925	2928	rBV	94307	123050	1.80%	0.143%
51	20.333	2930	2932	2938	rVB3	113397	140750	2.05%	0.163%
52	20.503	2957	2961	2967	rBV	322183	398694	5.82%	0.463%
53	20.739	2999	3001	3007	rVB	169766	215925	3.15%	0.251%
54	20.903	3026	3029	3032	rBV	172576	201894	2.95%	0.234%
55	20.944	3033	3036	3038	rVV	131229	140447	2.05%	0.163%
56	20.980	3038	3042	3048	rVB2	283533	450725	6.58%	0.523%
57	21.256	3083	3089	3093	rBV2	3208967	5434829	79.29%	6.307%
58	21.292	3093	3095	3104	rVB	1014722	1294611	18.89%	1.502%
59	21.409	3112	3115	3120	rBV	180582	260772	3.80%	0.303%
60	22.815	3349	3354	3359	rBV2	1125362	2291569	33.43%	2.659%
61	23.291	3431	3435	3438	rBV	366187	541249	7.90%	0.628%
62	23.344	3438	3444	3449	rBV2	1974157	3486464	50.86%	4.046%
63	23.485	3462	3468	3473	rBV	1475744	2730963	39.84%	3.169%
64	24.738	3678	3681	3690	rVB8	247375	485060	7.08%	0.563%

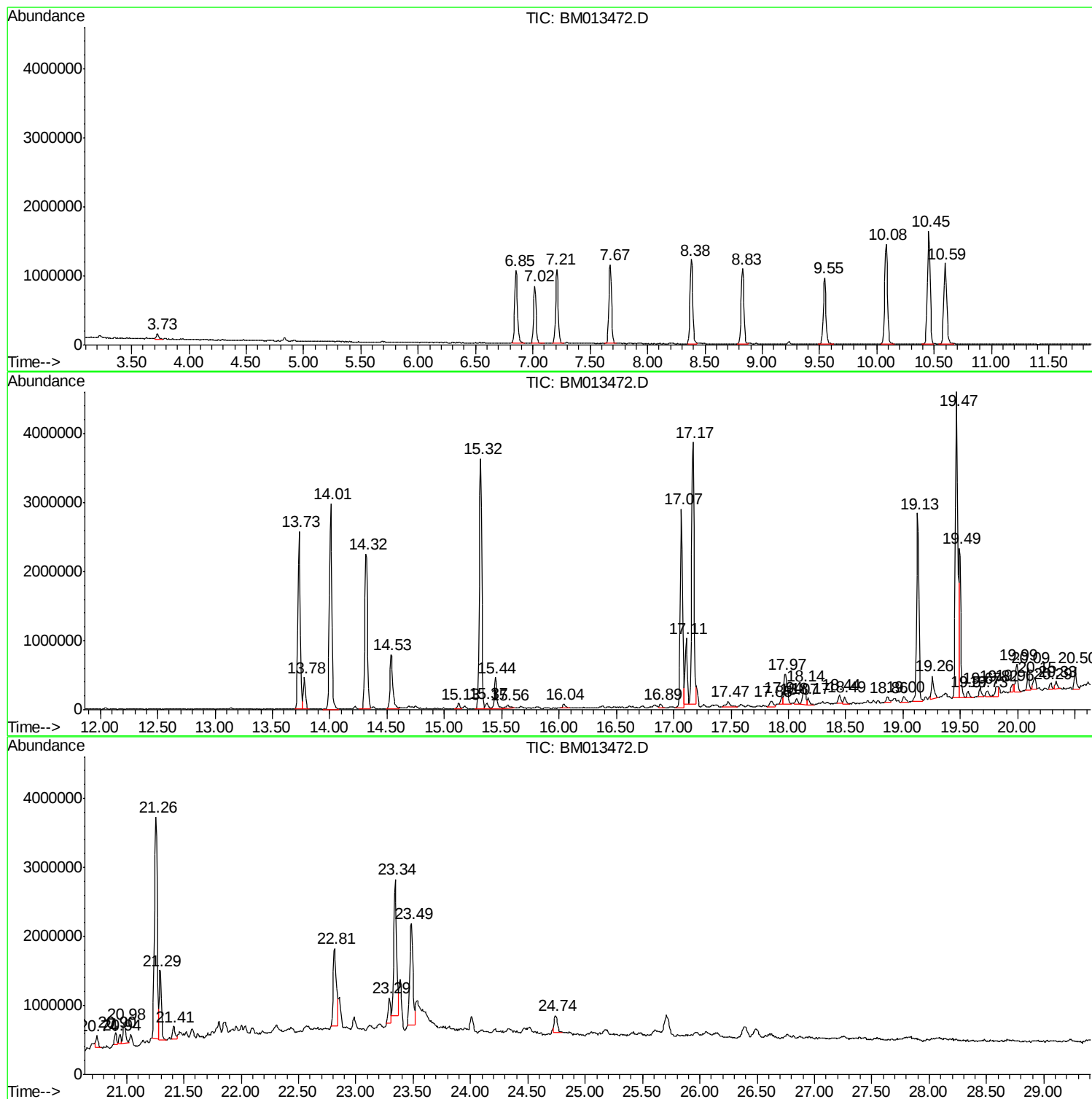
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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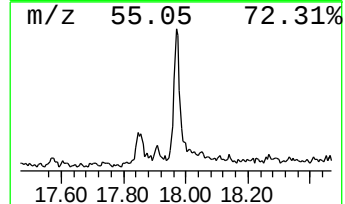
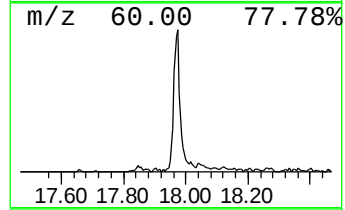
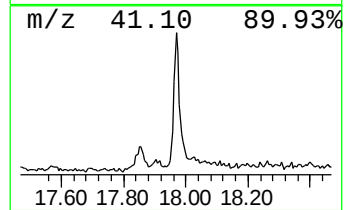
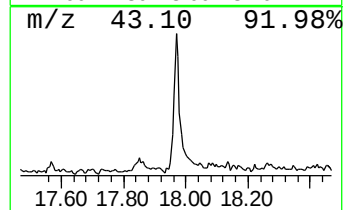
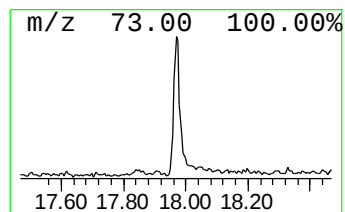
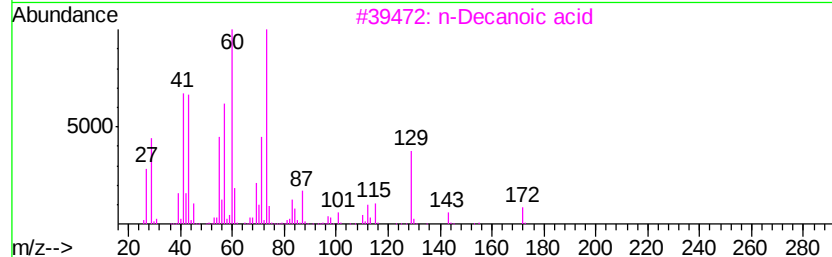
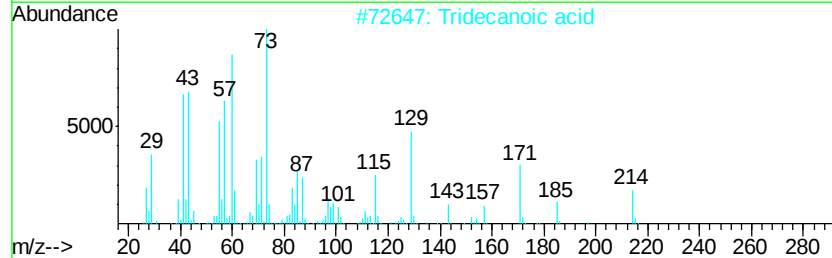
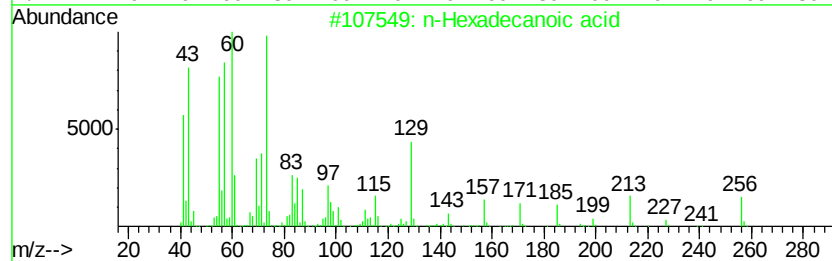
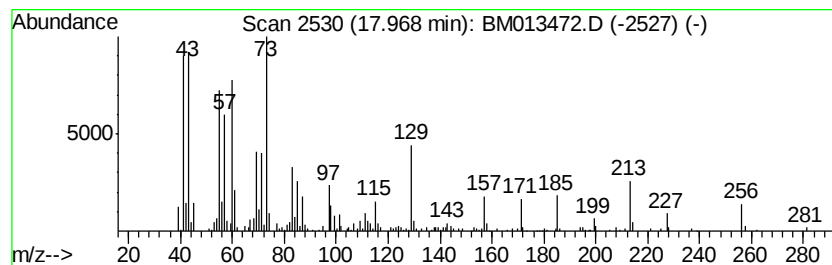
Instrument :
BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	4.07 ng/ul	857284	Phenanthrene-d10	17.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 90
2		Tridecanoic acid	214 C13H26O2	000638-53-9 81
3		n-Decanoic acid	172 C10H20O2	000334-48-5 70
4		Tridecanoic acid	214 C13H26O2	000638-53-9 68
5		Tridecanoic acid	214 C13H26O2	000638-53-9 64



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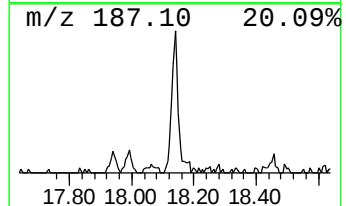
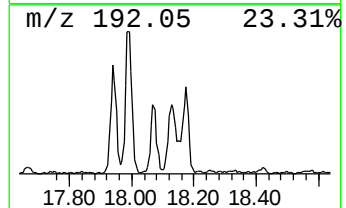
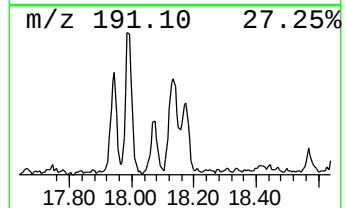
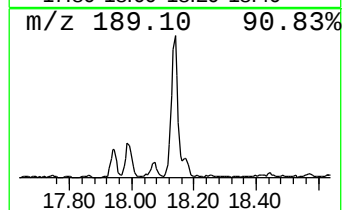
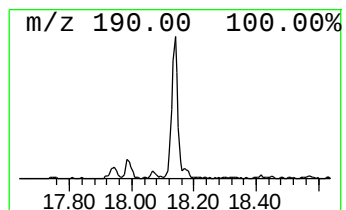
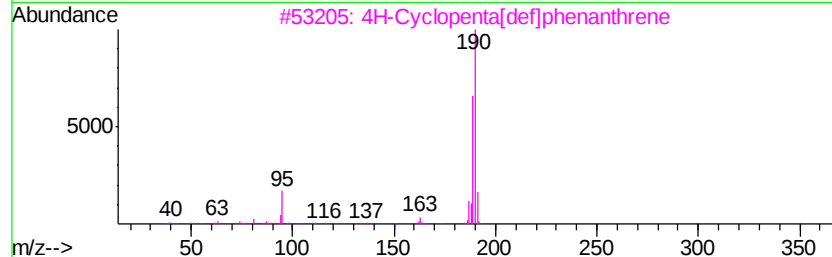
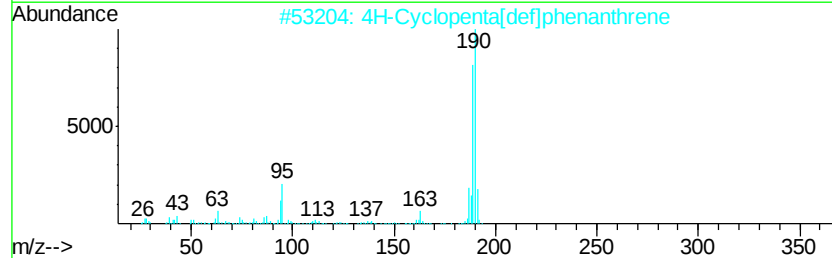
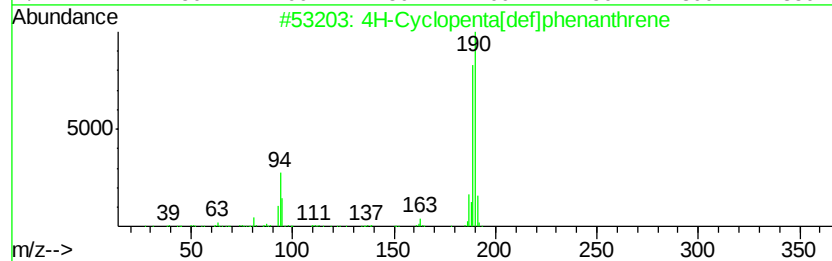
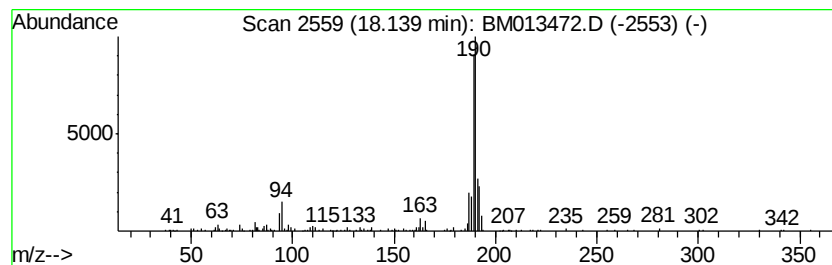
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.28 ng/ul	481420	Phenanthrene-d10	17.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	52
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



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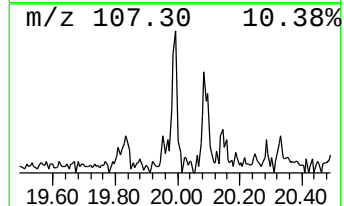
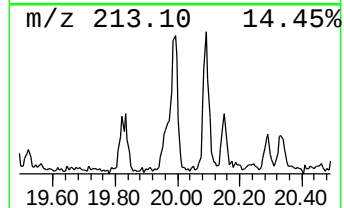
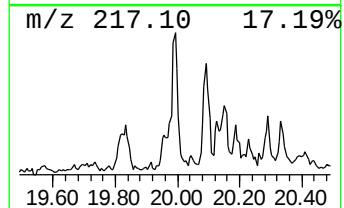
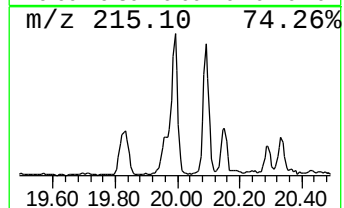
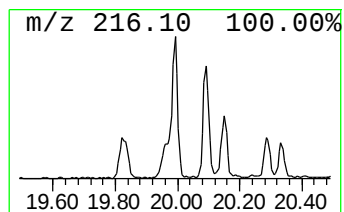
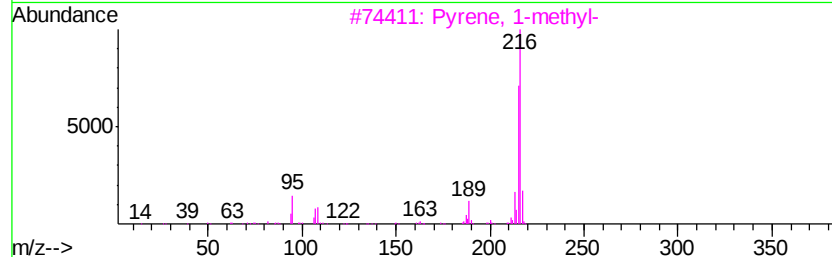
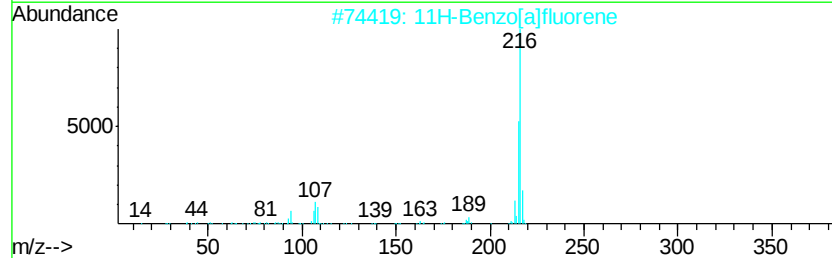
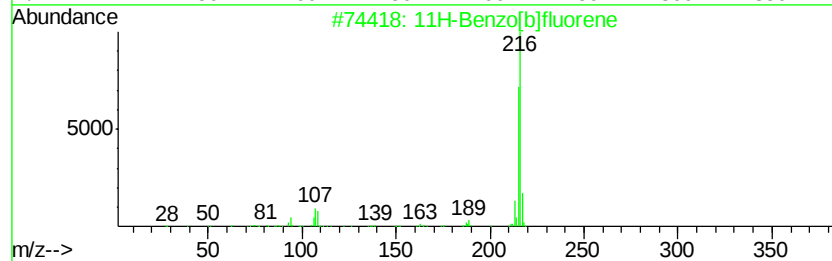
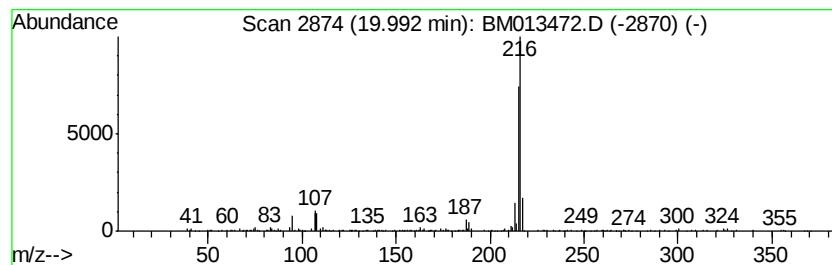
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	2.07 ng/ul	563088	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	72



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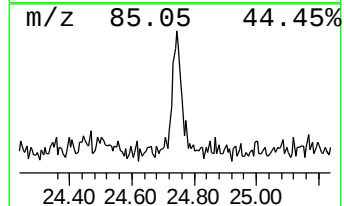
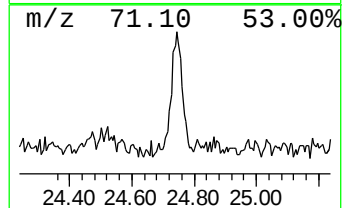
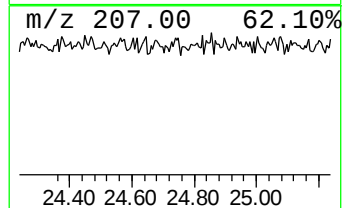
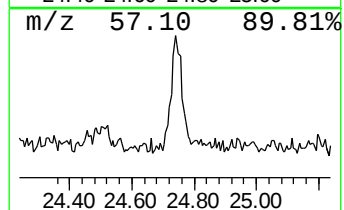
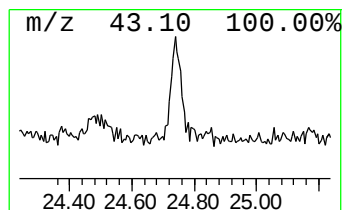
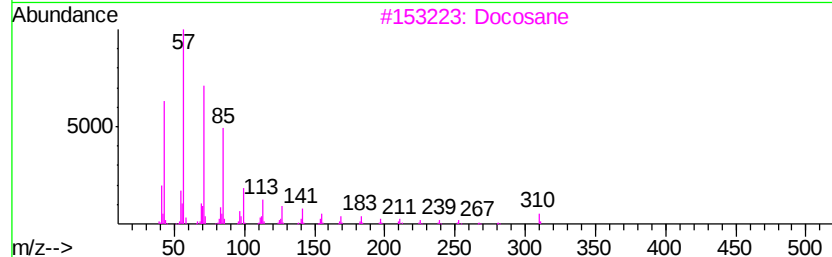
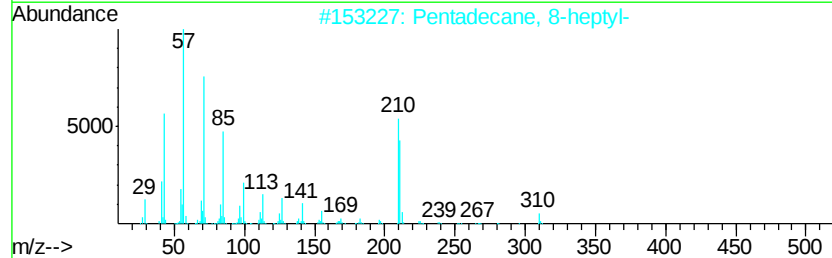
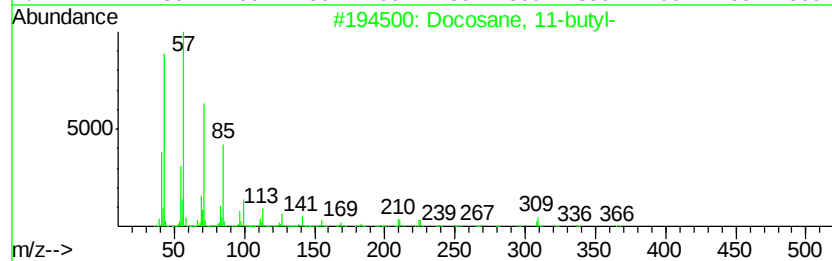
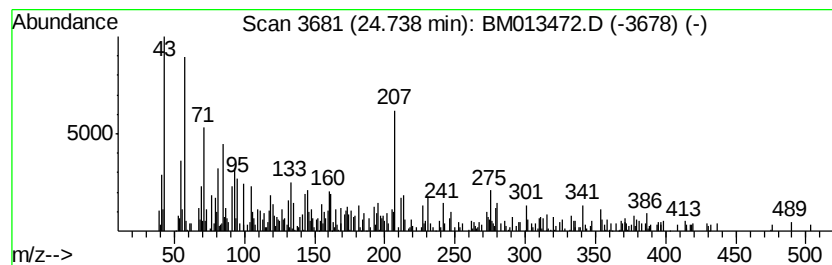
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.74	3.55 ng/ul	485060	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	35
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	20
3		Docosane	310	C22H46	000629-97-0	20
4		Docosane	310	C22H46	000629-97-0	20
5		Nonacosane	408	C29H60	000630-03-5	20



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.97	4.1	ng/ul	857284	4	17.07	4214420	20.0
4H-Cyclopenta[def...	18.14	2.3	ng/ul	481420	4	17.07	4214420	20.0
11H-Benzo[b]fluorene	19.99	2.1	ng/ul	563088	5	21.26	5434830	20.0
(DEL) Alkane: Str...	24.74	3.5	ng/ul	485060	6	23.49	2730960	20.0