

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111416\
 Data File : BM007864.D
 Acq On : 14 Nov 2016 20:35
 Operator : UM/SJ
 Sample : H5610-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD4M7

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-BM102016.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	2.881	47	50	56	rVB	37662	51096	1.24%	0.109%
2	4.504	320	326	336	rVB	133824	220876	5.36%	0.473%
3	6.916	730	736	751	rVB2	447840	893406	21.68%	1.911%
4	7.075	757	763	775	rVB	374352	594222	14.42%	1.271%
5	7.275	790	797	807	rBV	486144	819063	19.87%	1.752%
6	7.734	864	875	883	rBV	615982	1044205	25.34%	2.234%
7	8.439	990	995	1010	rBV	546700	942549	22.87%	2.017%
8	8.563	1010	1016	1024	rVB	33209	60099	1.46%	0.129%
9	8.892	1065	1072	1079	rBV	442287	772135	18.73%	1.652%
10	9.610	1187	1194	1204	rBV	358035	632632	15.35%	1.353%
11	10.145	1278	1285	1298	rBV	501352	956950	23.22%	2.047%
12	10.516	1337	1348	1354	rBV	782002	1386191	33.63%	2.966%
13	10.663	1367	1373	1391	rBV	286869	623686	15.13%	1.334%
14	11.527	1515	1520	1526	rBV2	31893	52594	1.28%	0.113%
15	13.186	1796	1802	1809	rVB3	29801	46023	1.12%	0.098%
16	13.780	1897	1903	1907	rVV	1027793	1441451	34.97%	3.084%
17	13.827	1907	1911	1919	rVB	1262189	1837728	44.59%	3.932%
18	14.063	1944	1951	1961	rVB	1063452	1672920	40.59%	3.579%
19	14.263	1980	1985	1990	rVB	46650	62477	1.52%	0.134%
20	14.368	1993	2003	2010	rBV	1182840	1778065	43.14%	3.804%
21	14.598	2035	2042	2059	rBV	218526	564794	13.70%	1.208%
22	15.162	2132	2138	2143	rBV2	49424	83182	2.02%	0.178%
23	15.215	2143	2147	2152	rVB2	73292	93411	2.27%	0.200%
24	15.362	2166	2172	2179	rBV	1457963	2122332	51.49%	4.541%
25	15.504	2191	2196	2207	rBV	329380	531045	12.88%	1.136%
26	15.615	2209	2215	2220	rVV5	29257	64226	1.56%	0.137%
27	16.080	2289	2294	2303	rBV2	91013	199961	4.85%	0.428%
28	16.427	2345	2353	2359	rBV10	14265	42433	1.03%	0.091%
29	16.657	2386	2392	2394	rBV4	27749	44638	1.08%	0.096%
30	16.780	2408	2413	2420	rBV3	28864	54290	1.32%	0.116%
31	16.868	2422	2428	2432	rVV2	104402	154307	3.74%	0.330%
32	16.921	2432	2437	2447	rVB4	29962	87194	2.12%	0.187%
33	17.115	2464	2470	2475	rBV2	1436930	2103381	51.03%	4.500%
34	17.156	2475	2477	2482	rVV	172389	230853	5.60%	0.494%

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35	17.215	2482	2487	2498	rVB	1584542	2341732	56.82%	5.010%
36	17.609	2550	2554	2558	rVB2	85639	98966	2.40%	0.212%
37	18.003	2616	2621	2624	rBV2	129510	220411	5.35%	0.472%
38	18.045	2624	2628	2636	rVV	127454	212107	5.15%	0.454%
39	18.127	2636	2642	2647	rVV4	29547	61286	1.49%	0.131%
40	18.186	2647	2652	2656	rVV2	108931	196838	4.78%	0.421%
41	18.227	2656	2659	2665	rVB	63688	90407	2.19%	0.193%
42	18.303	2667	2672	2677	rBV2	109203	174874	4.24%	0.374%
43	18.498	2701	2705	2710	rVB2	78952	115367	2.80%	0.247%
44	18.551	2711	2714	2721	rVB8	25615	47091	1.14%	0.101%
45	18.792	2752	2755	2759	rBV	39205	57896	1.40%	0.124%
46	18.909	2771	2775	2782	rBV2	130425	288352	7.00%	0.617%
47	18.968	2782	2785	2789	rVV3	48172	78082	1.89%	0.167%
48	19.009	2789	2792	2795	rVB	45937	55897	1.36%	0.120%
49	19.062	2795	2801	2809	rVB3	81627	155815	3.78%	0.333%
50	19.180	2813	2821	2827	rVB	808659	1136517	27.57%	2.432%
51	19.245	2828	2832	2835	rBV	53632	65876	1.60%	0.141%
52	19.286	2835	2839	2843	rBV4	60021	84980	2.06%	0.182%
53	19.333	2843	2847	2850	rVB	58735	74213	1.80%	0.159%
54	19.515	2872	2878	2881	rBV	2163379	3247891	78.80%	6.949%
55	19.539	2881	2882	2891	rVV	732425	870884	21.13%	1.863%
56	19.621	2892	2896	2902	rVB2	93281	144678	3.51%	0.310%
57	19.727	2908	2914	2919	rVB2	57469	105964	2.57%	0.227%
58	19.780	2921	2923	2929	rVB5	33218	42141	1.02%	0.090%
59	19.862	2933	2937	2940	rBV3	105176	178093	4.32%	0.381%
60	20.009	2956	2962	2964	rBV4	77495	161438	3.92%	0.345%
61	20.197	2989	2994	2998	rVB2	112661	201453	4.89%	0.431%
62	20.339	3014	3018	3022	rBV	87353	131364	3.19%	0.281%
63	20.386	3023	3026	3029	rVB2	59228	80629	1.96%	0.173%
64	20.544	3051	3053	3057	rVB5	42158	45816	1.11%	0.098%
65	20.792	3091	3095	3102	rBV	161322	228951	5.55%	0.490%
66	21.015	3126	3133	3135	rBV2	133036	292697	7.10%	0.626%
67	21.303	3175	3182	3186	rBV2	2641582	4121590	100.00%	8.818%
68	21.344	3186	3189	3199	rVB	568846	808626	19.62%	1.730%
69	22.886	3446	3451	3456	rBV	520737	1180753	28.65%	2.526%
70	23.362	3528	3532	3535	rBV	288926	447550	10.86%	0.958%
71	23.409	3535	3540	3545	rVV2	1616031	2942168	71.38%	6.295%

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72	23.456	3545	3548	3556	rVB	554122	959623	23.28%	2.053%
73	23.556	3559	3565	3570	rBV	1462002	2727536	66.18%	5.835%

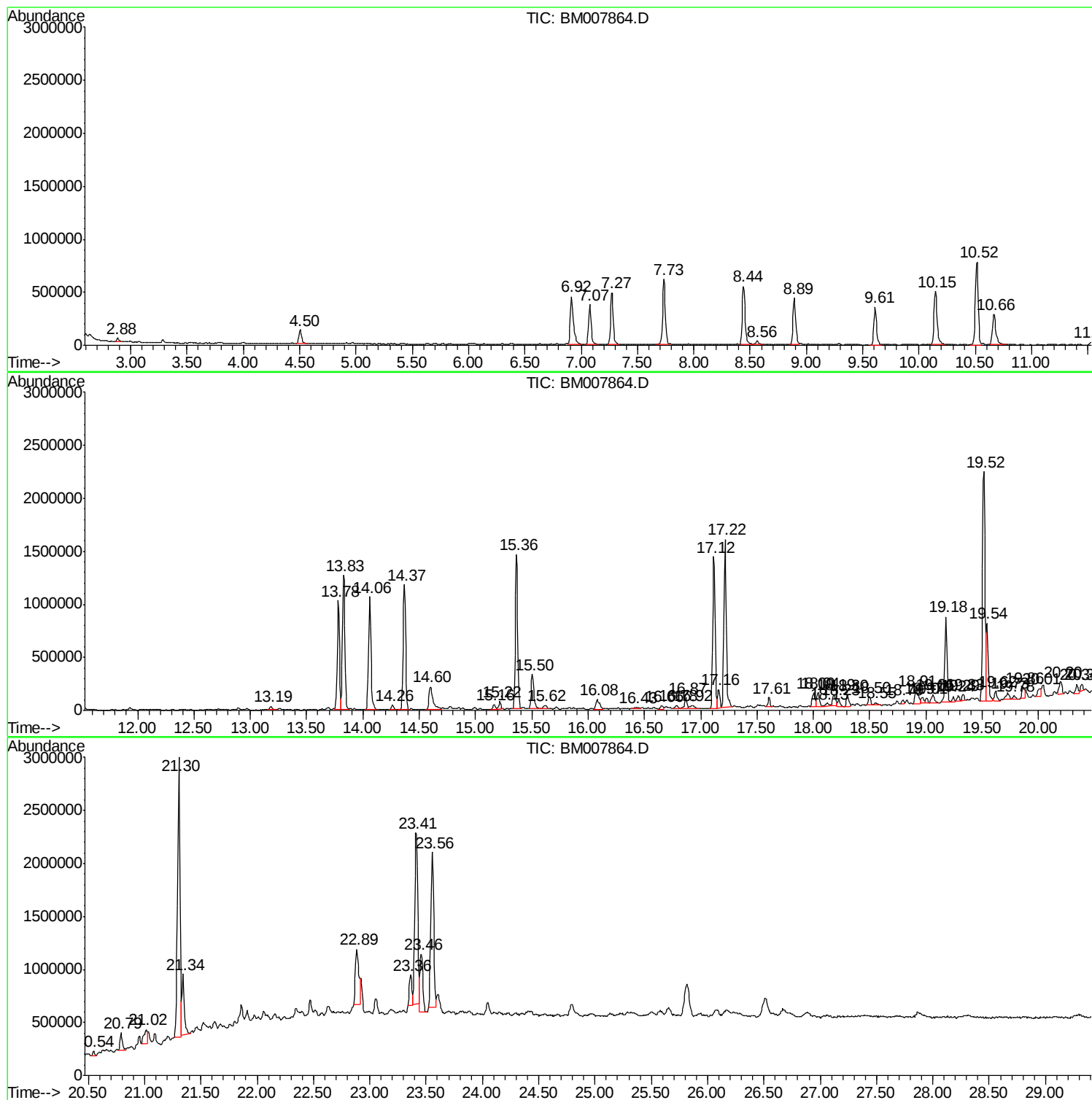
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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



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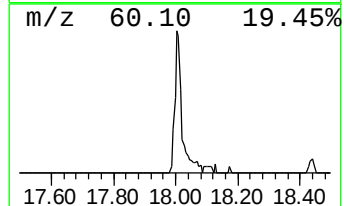
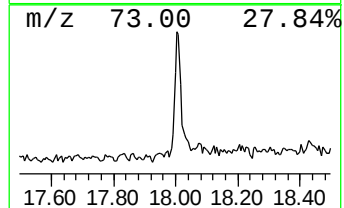
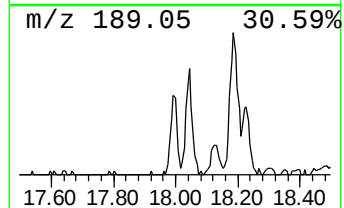
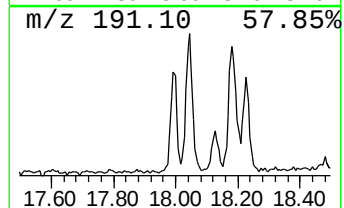
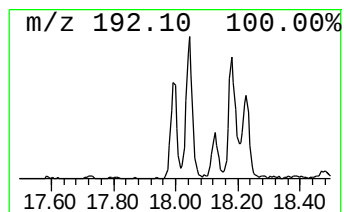
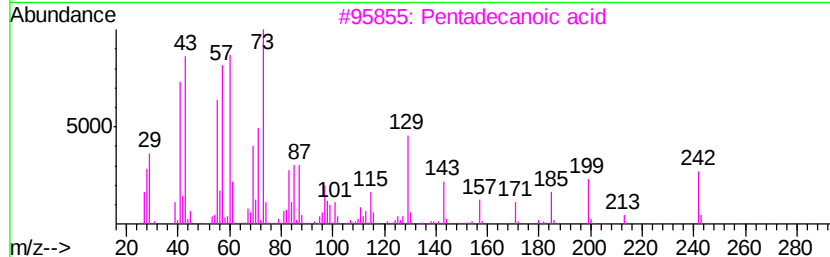
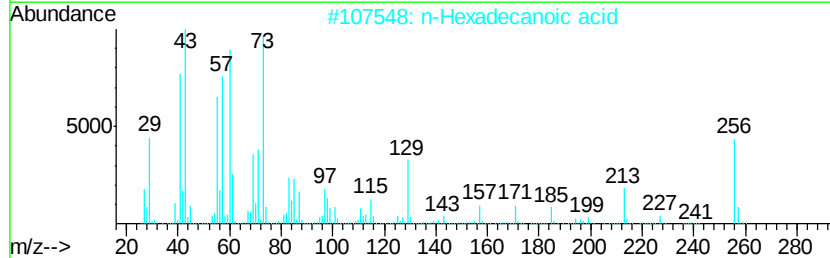
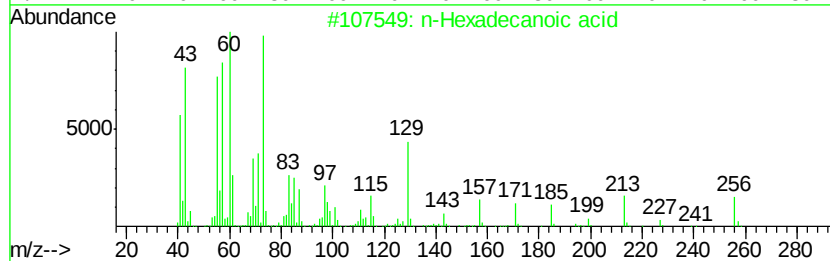
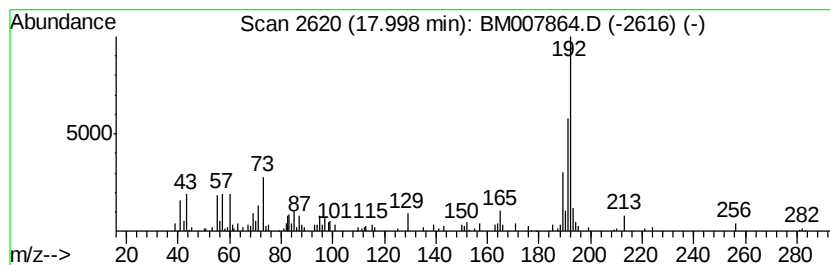
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.10 ng/ul	220411	Phenanthrene-d10	17.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	50
4		Undecanoic acid	186	C11H22O2	000112-37-8	45
5		Tridecanoic acid	214	C13H26O2	000638-53-9	45



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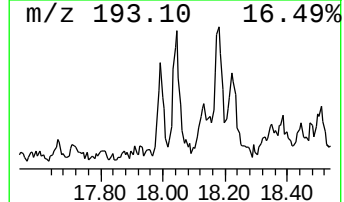
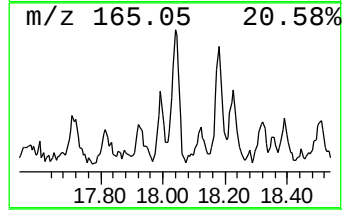
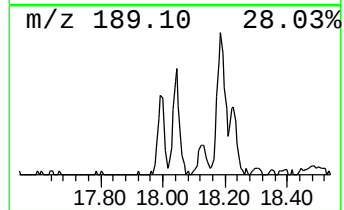
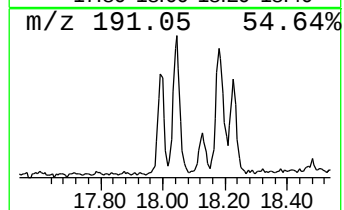
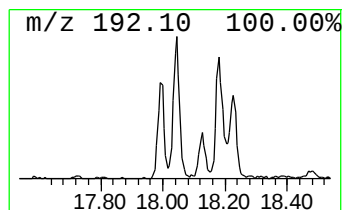
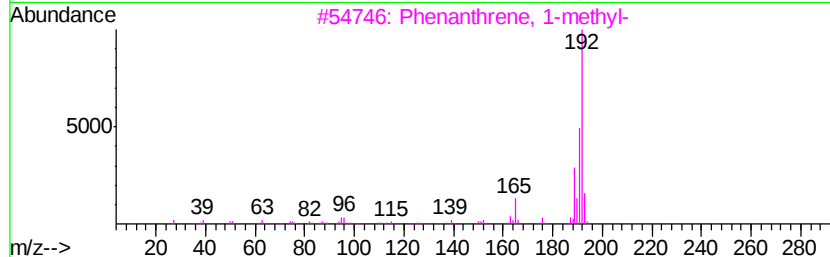
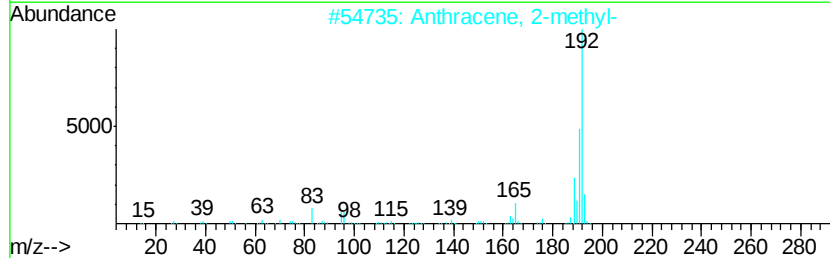
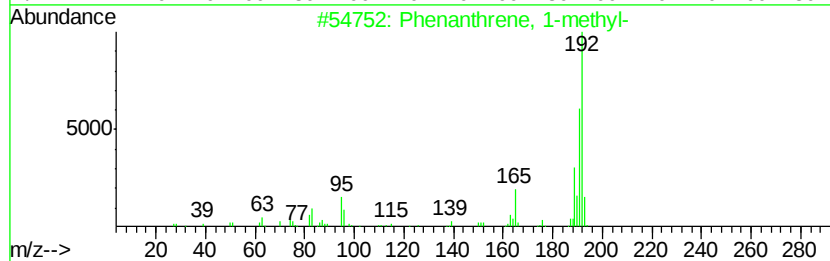
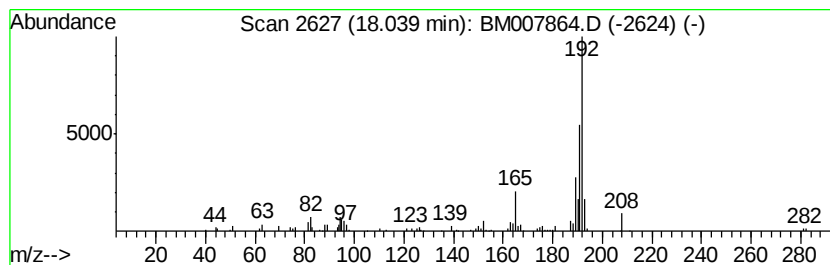
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.02 ng/ul	212107	Phenanthrene-d10	17.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



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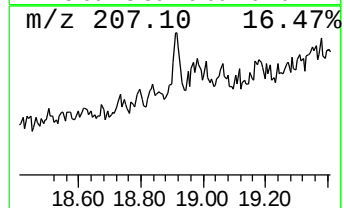
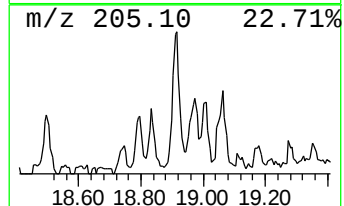
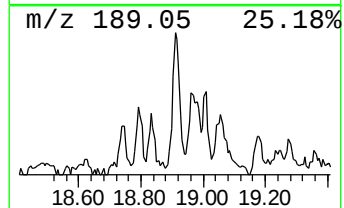
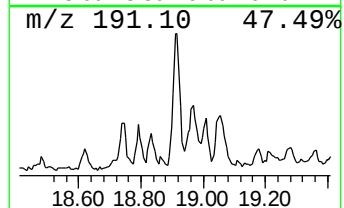
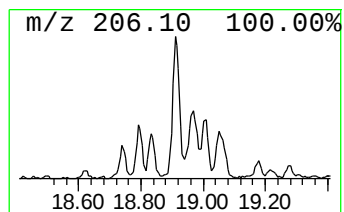
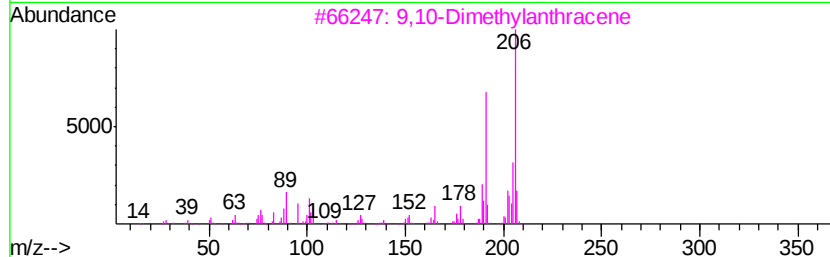
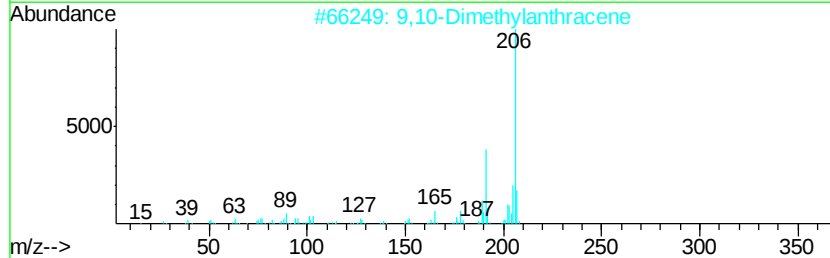
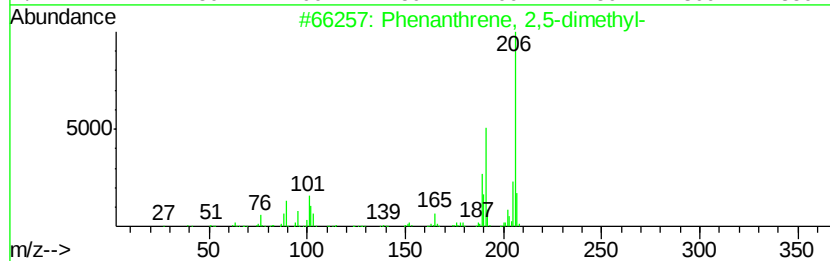
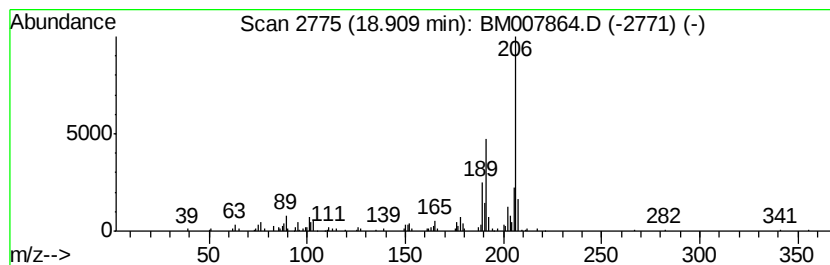
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	2.74 ng/ul	288352	Phenanthrene-d10	17.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.00	2.1	ng/ul	220411	4	17.12	2103380	20.0
Phenanthrene, 1-m...	18.04	2.0	ng/ul	212107	4	17.12	2103380	20.0
Phenanthrene, 2,5...	18.91	2.7	ng/ul	288352	4	17.12	2103380	20.0