

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022460.D
 Acq On : 31 Aug 2019 02:50
 Operator : HP/JU
 Sample : K4439-04 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-1-(5-7)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.145	361	367	376	rBV	118772	184083	29.22%	3.977%
2	6.722	630	635	646	rBV	107938	200560	31.84%	4.333%
3	7.057	686	692	703	rBB	137610	215063	34.14%	4.647%
4	7.516	765	770	777	rBB	91889	137963	21.90%	2.981%
5	7.828	818	823	831	rBB	108349	167281	26.56%	3.614%
6	8.698	965	971	987	rBV	62481	116827	18.55%	2.524%
7	10.292	1236	1242	1250	rBV	94147	163848	26.01%	3.540%
8	12.786	1660	1666	1678	rBV	172273	255999	40.64%	5.531%
9	13.663	1811	1815	1821	rBV	15961	20977	3.33%	0.453%
10	14.180	1898	1903	1913	rVB	148645	219563	34.86%	4.744%
11	15.698	2155	2161	2168	rBV	173373	251014	39.85%	5.423%
12	15.851	2180	2187	2188	rBV6	3131	6432	1.02%	0.139%
13	16.621	2312	2318	2324	rVB5	4458	7824	1.24%	0.169%
14	16.680	2324	2328	2332	rBV4	6321	7875	1.25%	0.170%
15	16.951	2366	2374	2378	rBV2	205502	281958	44.76%	6.092%
16	16.992	2378	2381	2387	rVB	26159	34539	5.48%	0.746%
17	17.280	2427	2430	2434	rVB	6248	7626	1.21%	0.165%
18	17.427	2450	2455	2460	rVB3	7014	11151	1.77%	0.241%
19	17.656	2487	2494	2497	rBV6	3426	6708	1.06%	0.145%
20	17.845	2518	2526	2528	rBV3	23378	47517	7.54%	1.027%
21	17.874	2528	2531	2535	rVB3	23937	31880	5.06%	0.689%
22	18.015	2550	2555	2560	rBV3	16475	25881	4.11%	0.559%
23	18.056	2560	2562	2567	rVB2	9071	11165	1.77%	0.241%
24	18.115	2568	2572	2576	rBV4	5866	6367	1.01%	0.138%
25	18.156	2576	2579	2582	rBV4	5322	7939	1.26%	0.172%
26	18.339	2604	2610	2613	rBV4	13185	23457	3.72%	0.507%
27	18.574	2648	2650	2657	rVB6	11945	16849	2.67%	0.364%
28	18.627	2657	2659	2663	rBV3	12170	13325	2.12%	0.288%
29	18.756	2677	2681	2685	rVB3	32874	50715	8.05%	1.096%
30	18.845	2694	2696	2701	rBV5	9433	10118	1.61%	0.219%
31	19.021	2722	2726	2732	rBV	65664	87881	13.95%	1.899%
32	19.086	2734	2737	2742	rVV5	12459	19436	3.09%	0.420%
33	19.180	2751	2753	2755	rBV3	7649	7100	1.13%	0.153%
34	19.392	2785	2789	2793	rVB	57119	78324	12.43%	1.692%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	19.462	2798	2801	2806	rVB3	24808	41132	6.53%	0.889%
36	19.592	2818	2823	2837	rVB	492290	629893	100.00%	13.609%
37	19.703	2840	2842	2843	rBV2	10645	8275	1.31%	0.179%
38	19.797	2855	2858	2862	rBV5	9510	16207	2.57%	0.350%
39	19.880	2870	2872	2878	rVB4	19351	30307	4.81%	0.655%
40	21.162	3085	3090	3095	rBV	419724	603506	95.81%	13.039%
41	23.356	3458	3463	3469	rVB	333601	563784	89.50%	12.181%

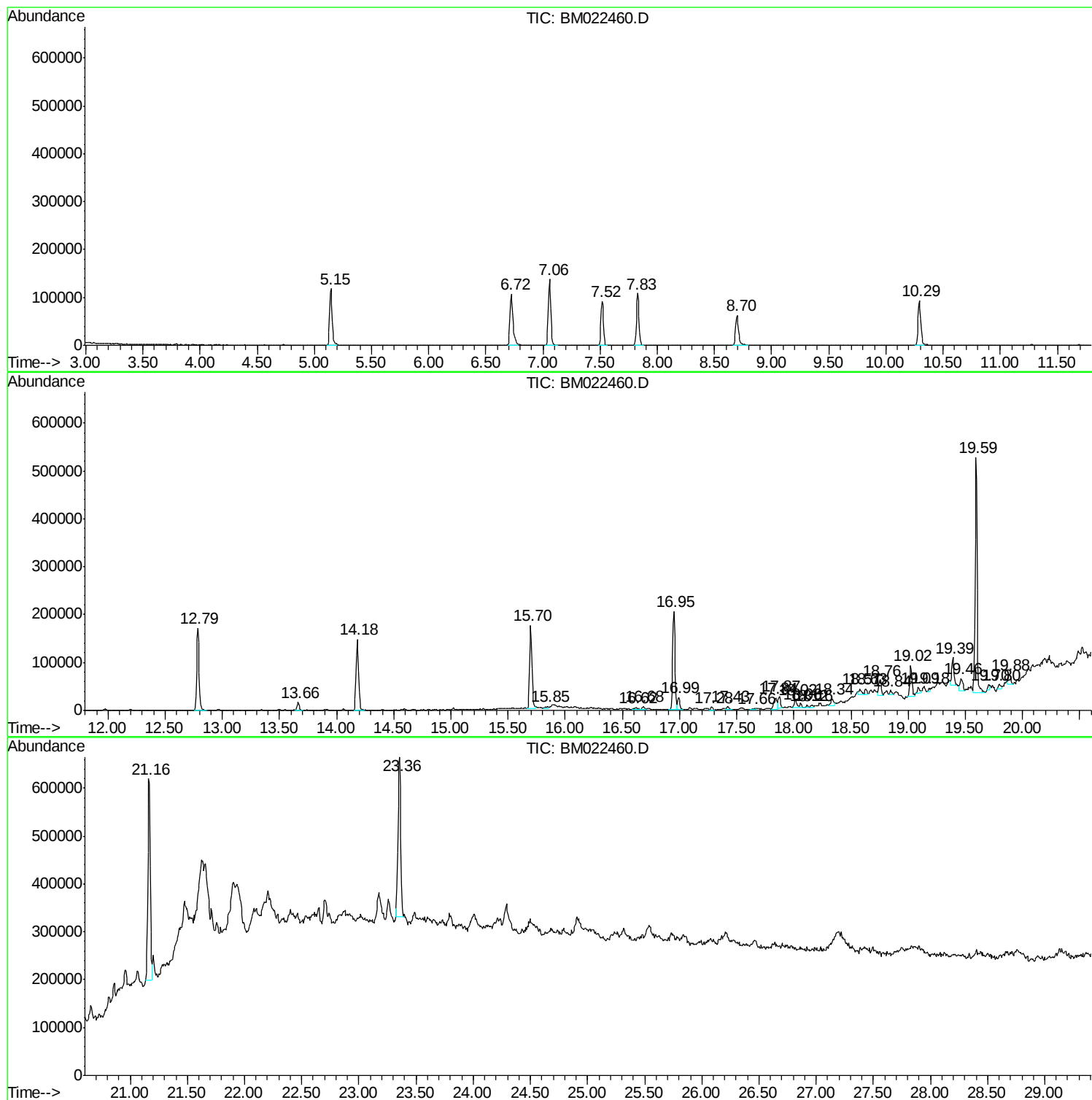
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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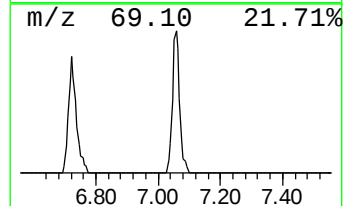
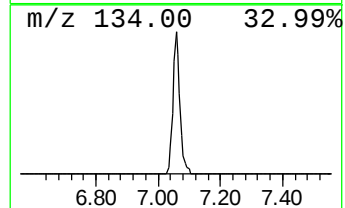
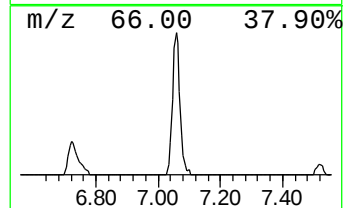
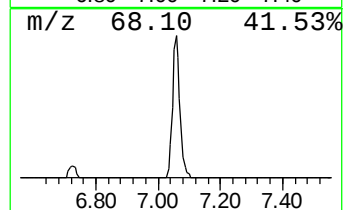
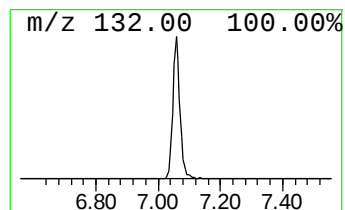
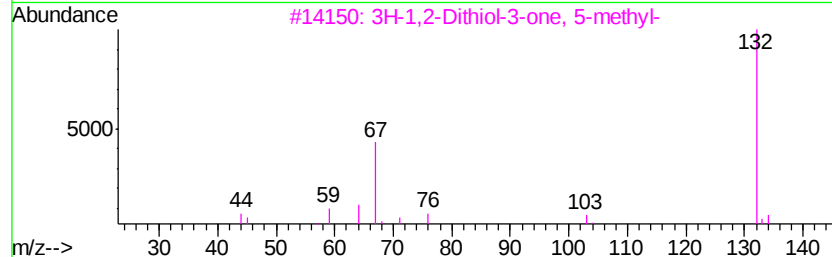
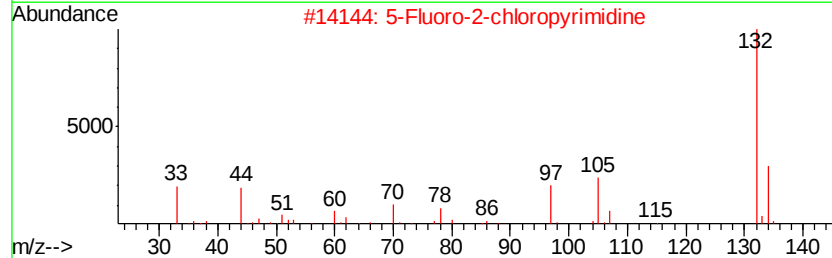
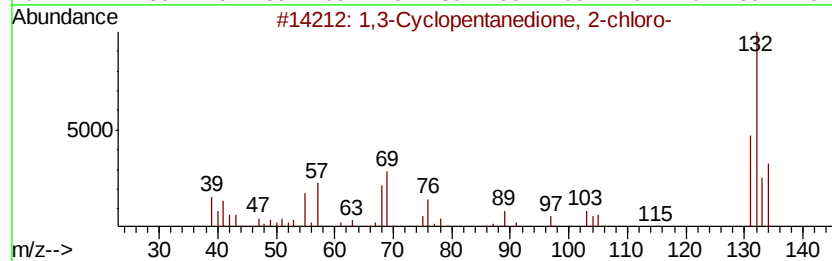
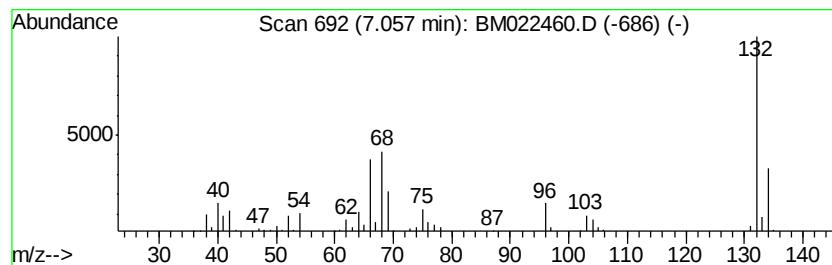
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	31.18 ng	215063	1,4-Dichlorobenzene-d4	7.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	27
4		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22



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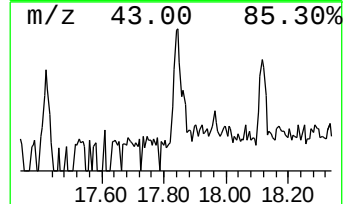
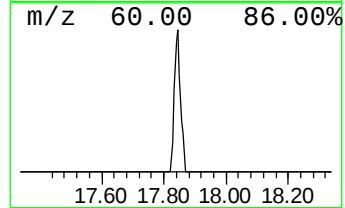
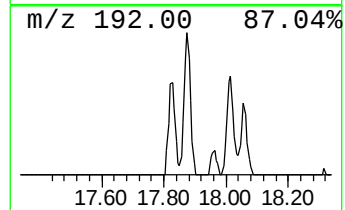
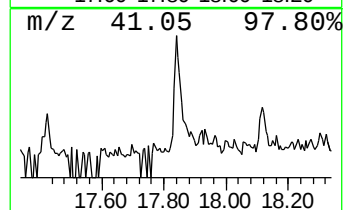
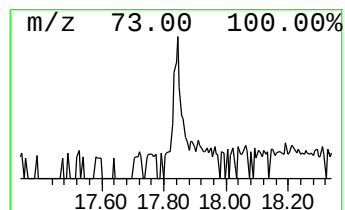
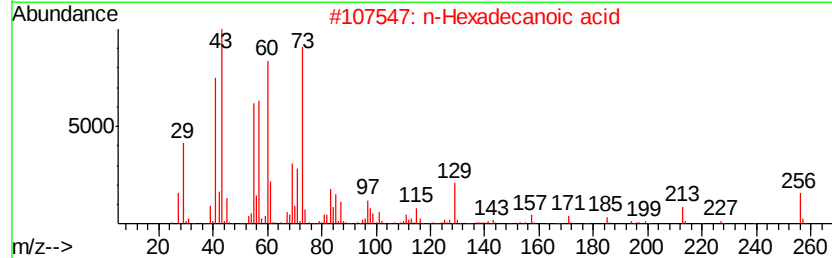
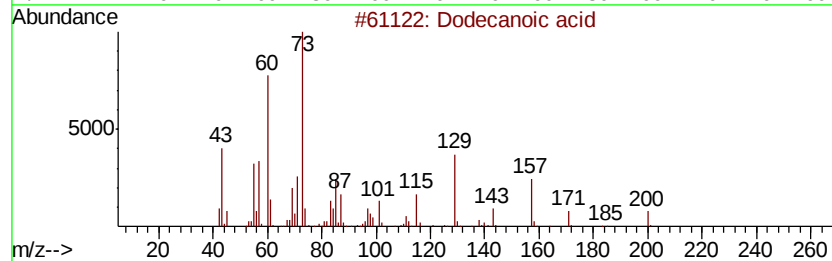
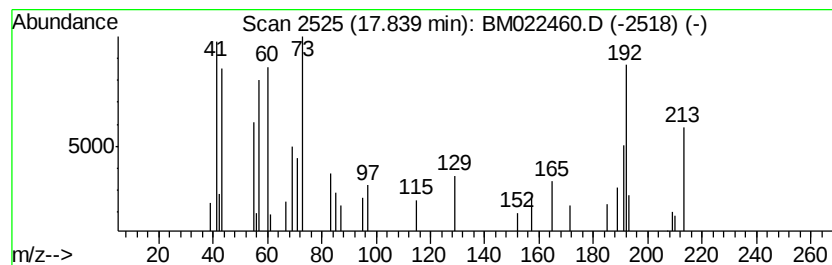
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown17.84 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	3.37 ng	47517	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	27
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	27
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	25
4	n-Decanoic acid	172	C10H20O2	000334-48-5	22
5	Tridecanoic acid	214	C13H26O2	000638-53-9	22



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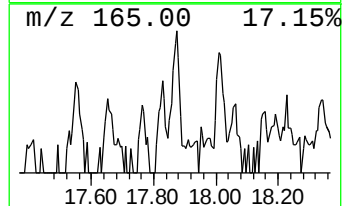
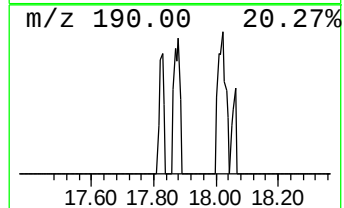
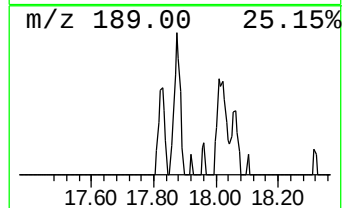
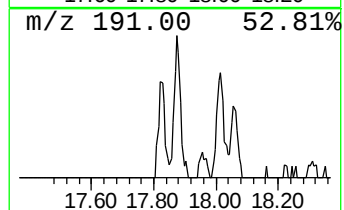
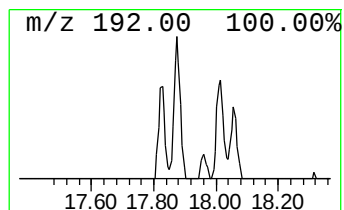
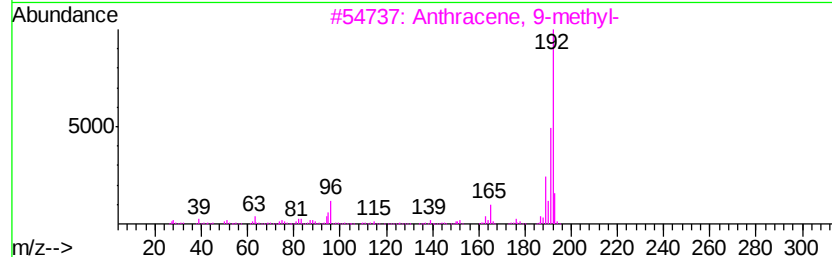
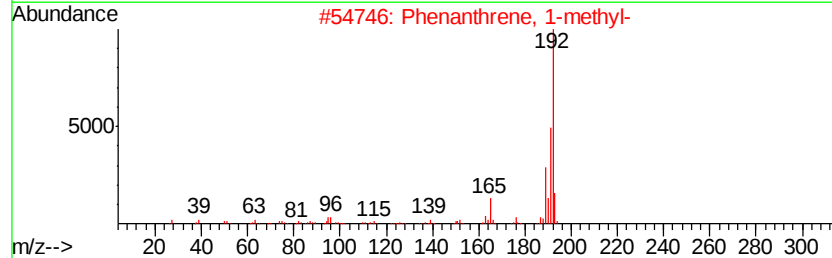
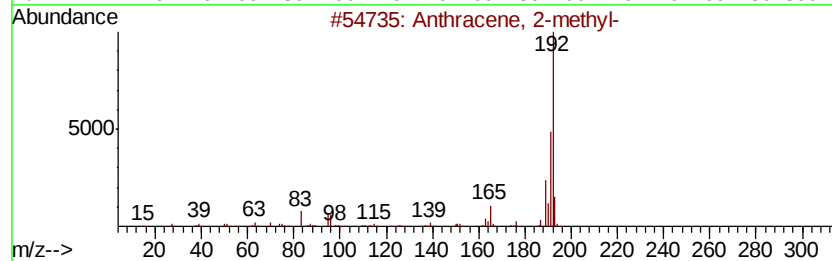
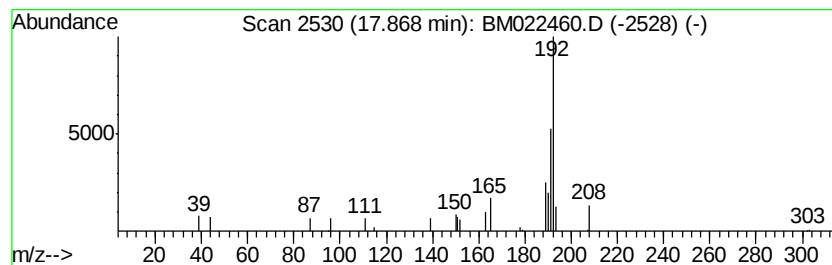
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.26 ng	31880	Phenanthrene-d10	16.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81



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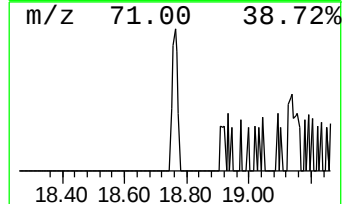
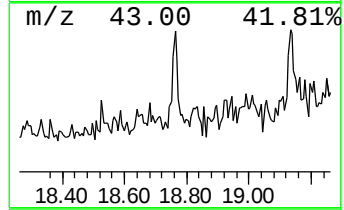
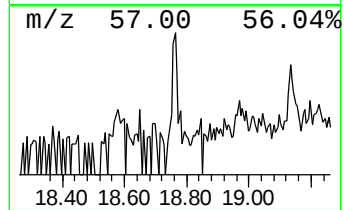
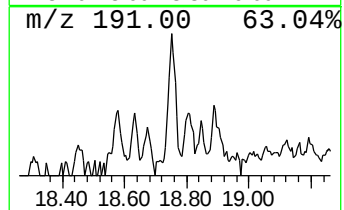
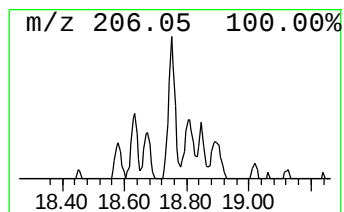
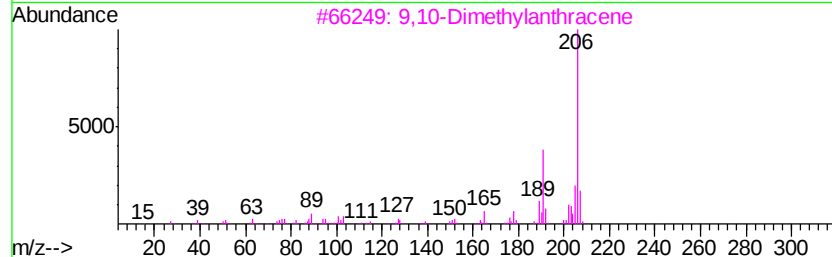
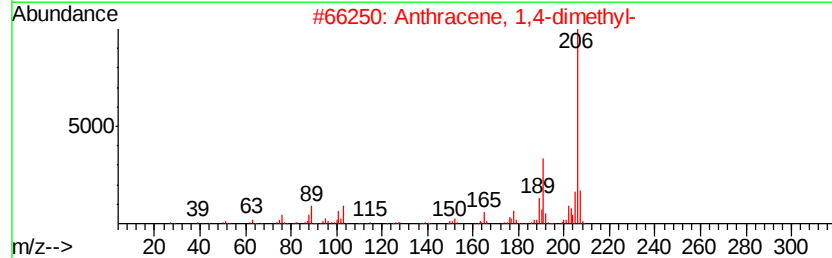
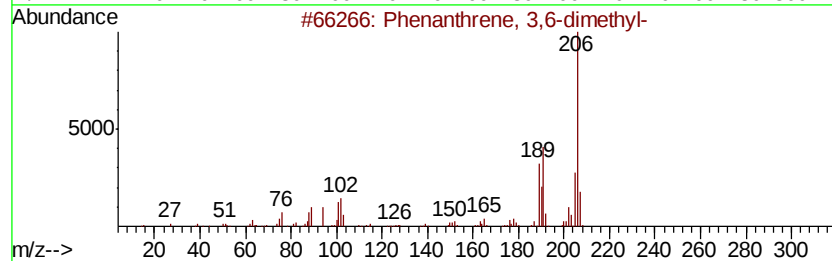
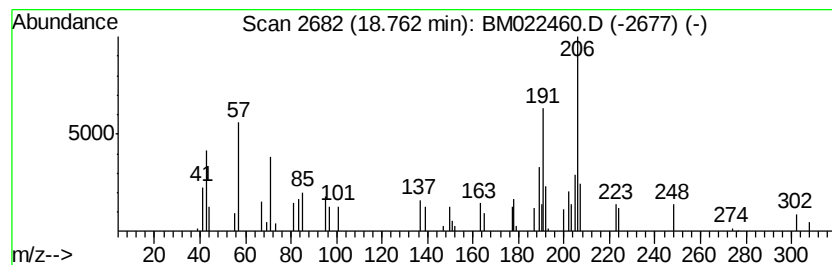
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Phenanthrene, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	3.60 ng	50715	Phenanthrene-d10	16.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	76
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	76
5		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.06	7.06	31.2	ng	215063	1	7.52	137963	20.0
unknown17.84	17.84	3.4	ng	47517	4	16.95	281958	20.0
Anthracene, 2-met...	17.87	2.3	ng	31880	4	16.95	281958	20.0
Phenanthrene, 3,6...	18.76	3.6	ng	50715	4	16.95	281958	20.0