

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011322\
 Data File : BM033715.D
 Acq On : 13 Jan 2022 14:12
 Operator : CG/JU
 Sample : N1097-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2D

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 >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033715.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.037	300	306	313	rVB2	73429	107262	1.69%	0.239%
2	5.513	379	387	399	rBV	2811091	4010328	63.37%	8.945%
3	7.125	650	661	674	rBV	2690943	4321073	68.28%	9.638%
4	7.966	797	804	812	rBV	721298	1119719	17.69%	2.497%
5	9.131	994	1002	1012	rBV	1804392	2873356	45.40%	6.409%
6	10.560	1238	1245	1258	rBV	395398	631237	9.97%	1.408%
7	10.784	1275	1283	1290	rBV	989748	1671762	26.42%	3.729%
8	13.236	1693	1700	1710	rBV	4346153	6328575	100.00%	14.115%
9	14.607	1925	1933	1940	rBV	1489427	2179986	34.45%	4.862%
10	14.666	1940	1943	1951	rVB	49783	78601	1.24%	0.175%
11	15.648	2099	2110	2115	rBV2	45432	82675	1.31%	0.184%
12	16.083	2178	2184	2198	rBV	3038263	4447398	70.27%	9.920%
13	17.160	2363	2367	2377	rVB	40825	65181	1.03%	0.145%
14	17.342	2391	2398	2402	rBV	1525853	2235622	35.33%	4.986%
15	17.383	2402	2405	2411	rVV	558170	749620	11.85%	1.672%
16	17.471	2412	2420	2425	rVB	117427	200774	3.17%	0.448%
17	17.736	2457	2465	2469	rBV2	44283	90226	1.43%	0.201%
18	18.018	2509	2513	2518	rVB2	70811	84257	1.33%	0.188%
19	18.230	2542	2549	2552	rBV2	154793	308320	4.87%	0.688%
20	18.265	2552	2555	2560	rVV	131872	188539	2.98%	0.421%
21	18.407	2574	2579	2584	rVV2	109395	229233	3.62%	0.511%
22	18.448	2584	2586	2591	rVB2	69676	83150	1.31%	0.185%
23	18.712	2627	2631	2635	rBV	51094	74131	1.17%	0.165%
24	19.130	2698	2702	2707	rBV	59768	95586	1.51%	0.213%
25	19.183	2707	2711	2716	rVV4	76288	110145	1.74%	0.246%
26	19.389	2741	2746	2752	rVB	596196	780949	12.34%	1.742%
27	19.748	2803	2807	2816	rVB	514904	778284	12.30%	1.736%
28	19.954	2836	2842	2847	rBV	4976867	5887782	93.03%	13.132%
29	20.065	2858	2861	2869	rBV3	43378	112837	1.78%	0.252%
30	20.242	2888	2891	2895	rVB2	74306	94103	1.49%	0.210%
31	21.218	3054	3057	3063	rVB3	213359	279730	4.42%	0.624%
32	21.500	3099	3105	3109	rBV2	1549655	2336690	36.92%	5.212%
33	21.542	3109	3112	3118	rVB	257519	336065	5.31%	0.750%
34	23.924	3511	3517	3524	rVB2	974509	1861597	29.42%	4.152%

Sum of corrected areas: 44834793

Instrument :

BNA_M

ClientSampleId :

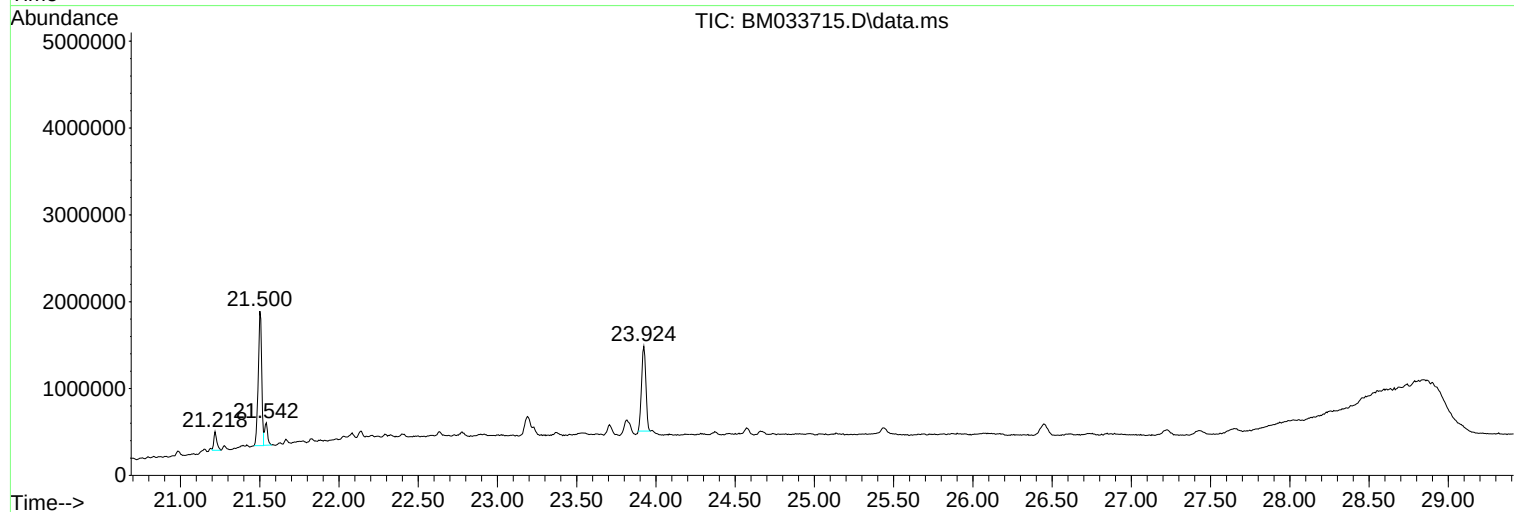
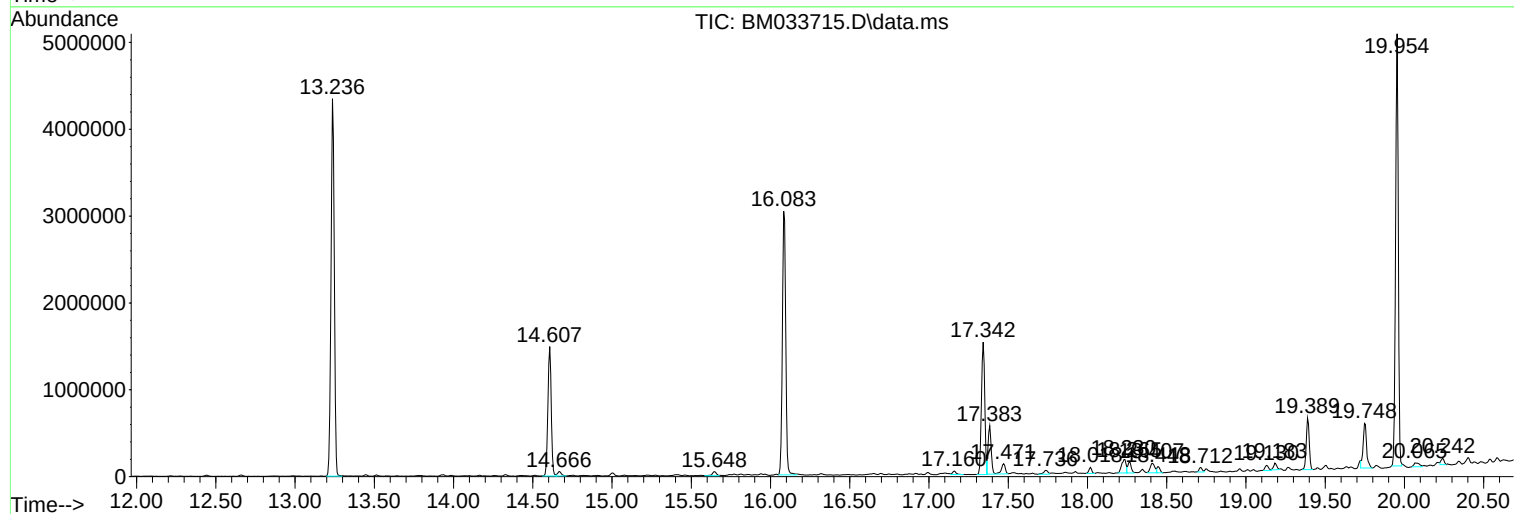
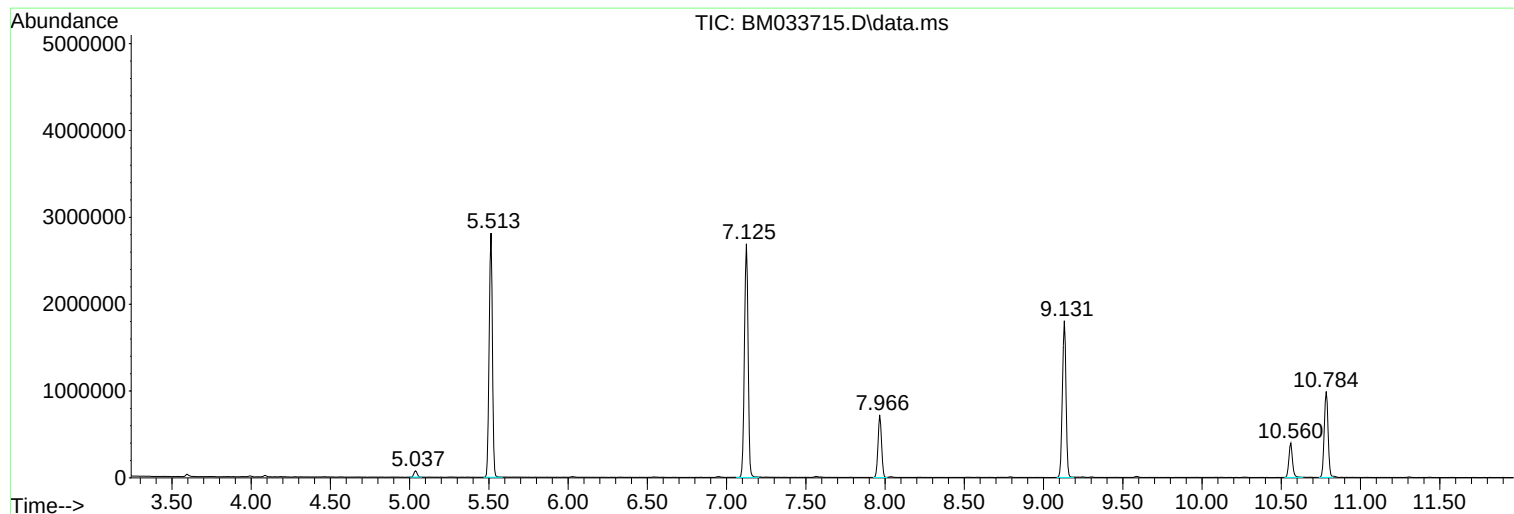
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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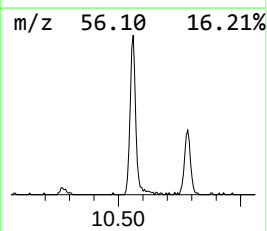
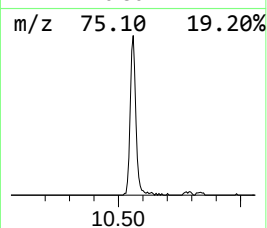
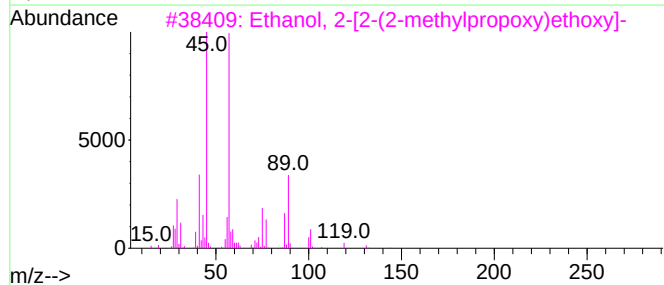
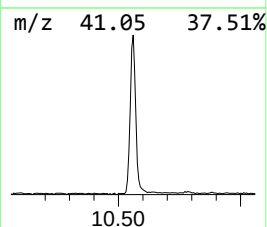
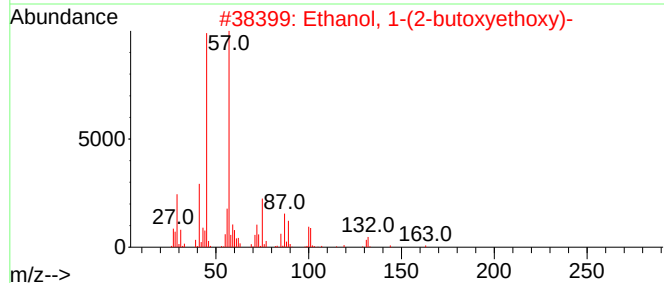
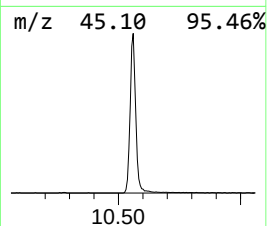
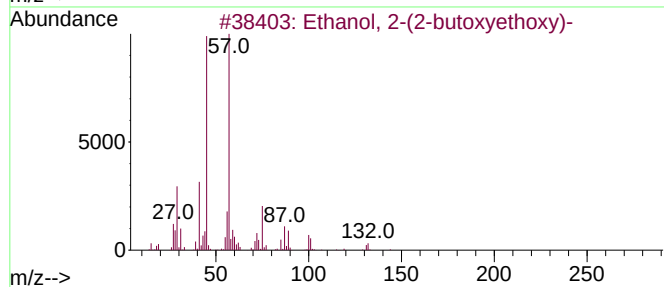
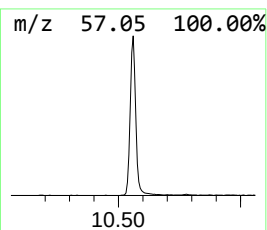
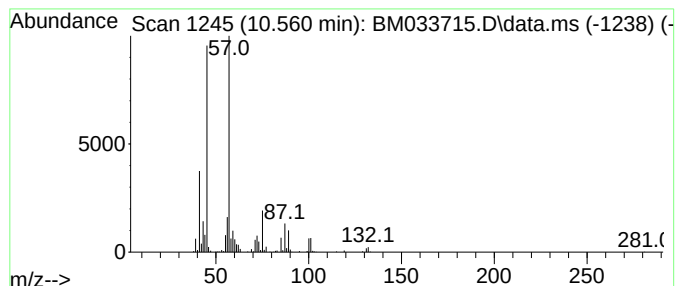
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.560	7.55 ng	631237	Naphthalene-d8	10.784

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	78
4			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5			Pentaethylene glycol	238	C10H22O6	004792-15-8	50



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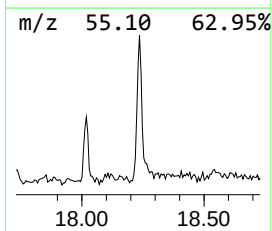
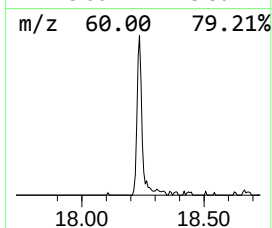
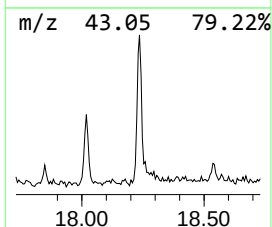
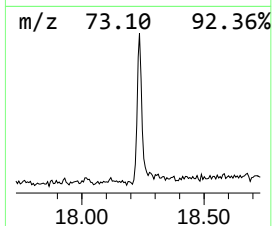
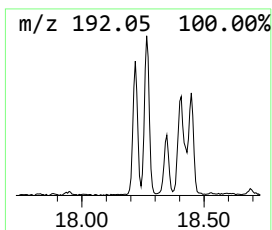
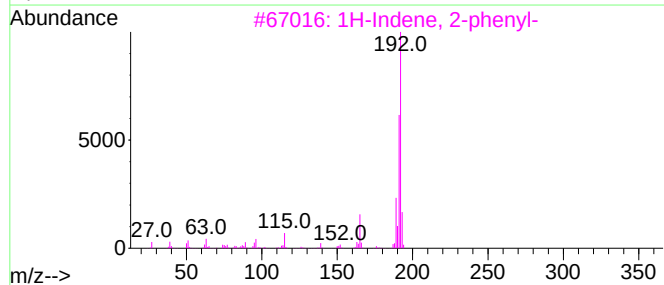
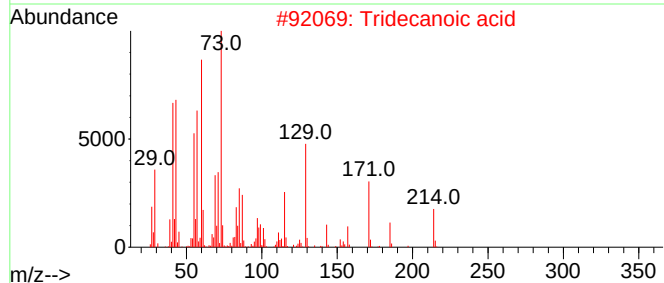
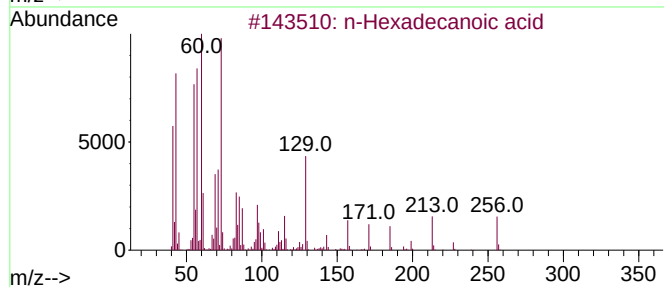
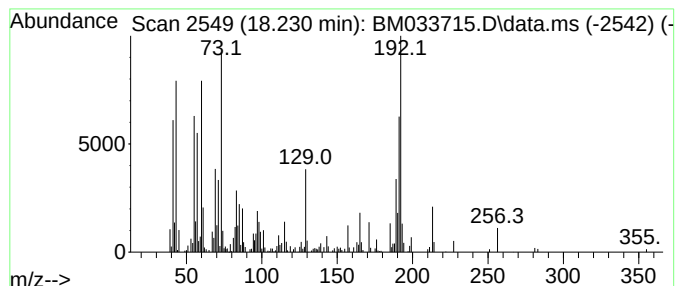
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.230	2.76 ng	308320	Phenanthrene-d10	17.342

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Tridecanoic acid	214	C13H26O2	000638-53-9	83
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	62
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	48



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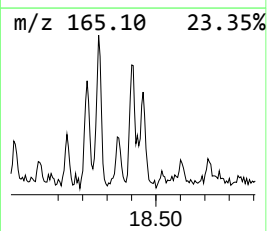
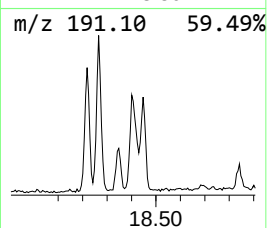
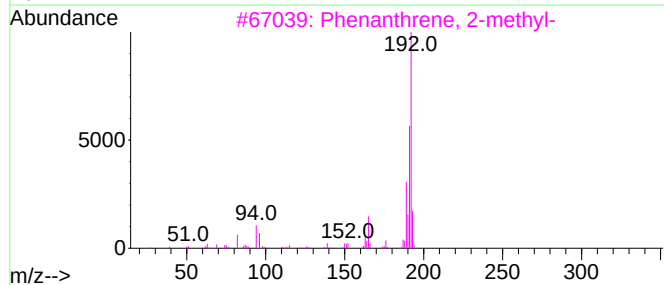
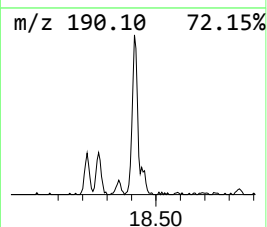
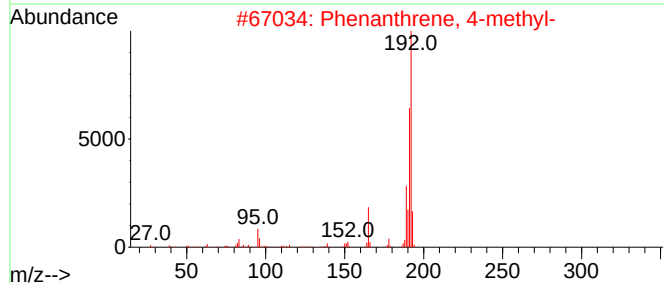
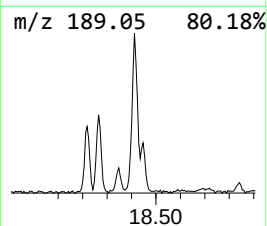
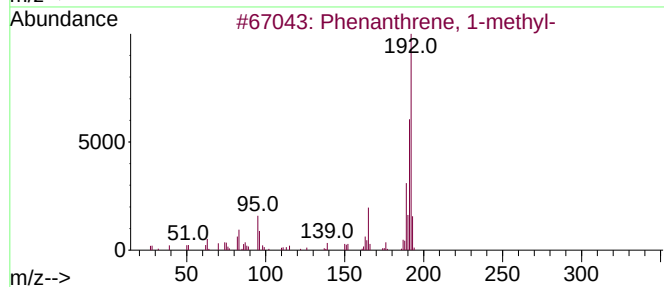
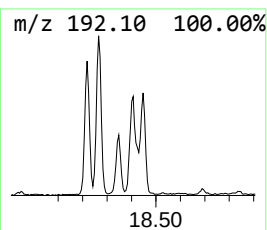
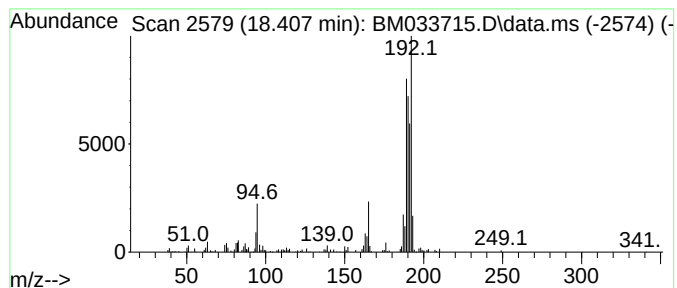
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.407	2.05 ng	229233	Phenanthrene-d10	17.342

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	49
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	49
5			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46



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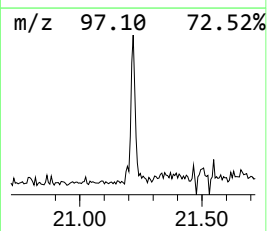
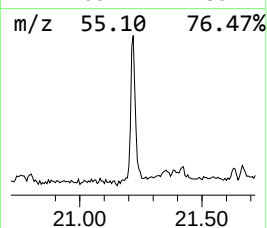
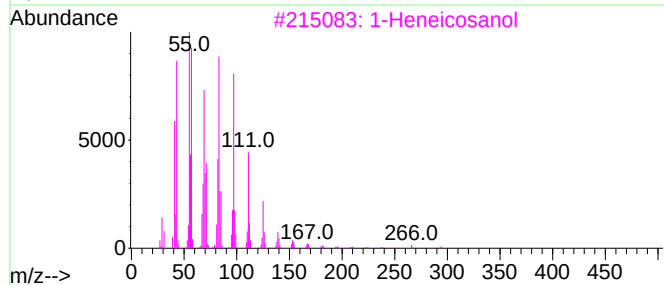
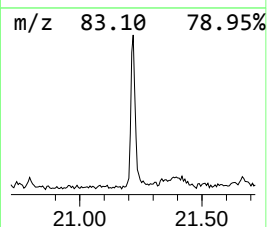
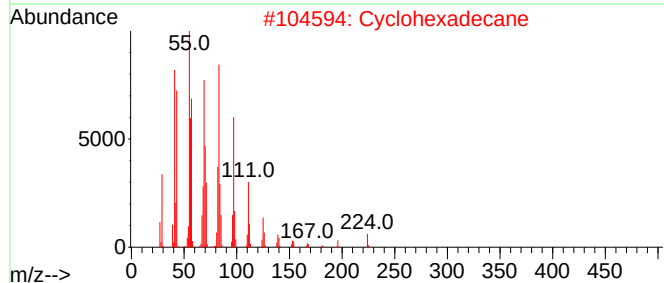
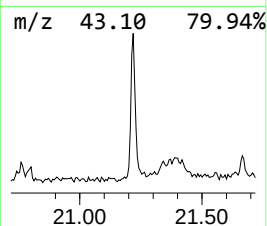
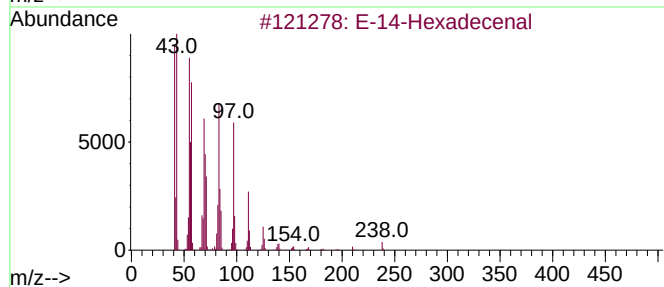
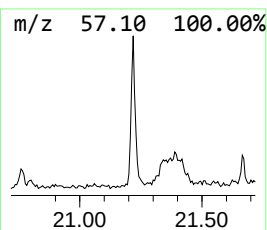
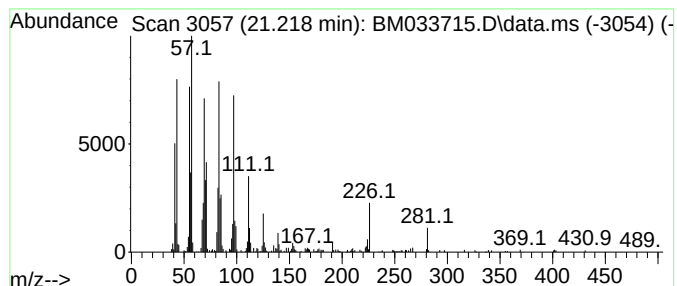
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 E-14-Hexadecenal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.218	2.39 ng	279730	Chrysene-d12	21.500

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			E-14-Hexadecenal	238	C16H30O	330207-53-9	95
2			Cyclohexadecane	224	C16H32	000295-65-8	94
3			1-Heneicosanol	312	C21H44O	015594-90-8	93
4			Behenic alcohol	326	C22H46O	000661-19-8	93
5			1-Tetracosene	336	C24H48	010192-32-2	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.560	7.5	ng	631237	2	10.784	1671760	20.0
n-Hexadecanoic ...	18.230	2.8	ng	308320	4	17.342	2235620	20.0
Phenanthrene, 1...	18.407	2.0	ng	229233	4	17.342	2235620	20.0
E-14-Hexadecenal	21.218	2.4	ng	279730	5	21.500	2336690	20.0