

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
 Data File : BM035801.D
 Acq On : 13 Jul 2022 19:25
 Operator : CG/JU
 Sample : N3687-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-346

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-BM071322.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035801.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.998	318	325	333	rBV2	61328	124439	1.11%	0.141%
2	5.469	398	405	413	rBV	5345138	7391578	66.02%	8.395%
3	7.075	669	678	686	rBV	4991793	7572171	67.63%	8.600%
4	7.910	812	820	826	rBV	1136113	1746097	15.59%	1.983%
5	9.075	1011	1018	1028	rBV	3050009	4852437	43.34%	5.511%
6	10.716	1289	1297	1303	rBV	1508644	2508984	22.41%	2.850%
7	13.174	1708	1715	1722	rBV	6942229	10002856	89.34%	11.361%
8	14.268	1895	1901	1908	rBV	104086	176063	1.57%	0.200%
9	14.545	1940	1948	1954	rBV	2176140	3120312	27.87%	3.544%
10	16.027	2193	2200	2208	rBV	5571122	7718941	68.94%	8.767%
11	17.280	2407	2413	2417	rBV	2448257	3467126	30.97%	3.938%
12	17.321	2417	2420	2427	rVB	1045124	1587784	14.18%	1.803%
13	17.409	2432	2435	2441	rVB	230493	345721	3.09%	0.393%
14	17.680	2474	2481	2485	rBV4	144742	323625	2.89%	0.368%
15	17.962	2526	2529	2533	rBV	119883	144688	1.29%	0.164%
16	18.156	2558	2562	2564	rBV	175499	252329	2.25%	0.287%
17	18.186	2564	2567	2576	rVB2	649809	1189076	10.62%	1.350%
18	18.350	2590	2595	2599	rBV2	259912	441195	3.94%	0.501%
19	18.386	2599	2601	2607	rVB	141430	174097	1.55%	0.198%
20	18.656	2644	2647	2651	rBV	142331	183353	1.64%	0.208%
21	18.692	2651	2653	2659	rVB	145773	185632	1.66%	0.211%
22	19.045	2710	2713	2715	rBV	108876	135377	1.21%	0.154%
23	19.074	2715	2718	2722	rVB	152961	201871	1.80%	0.229%
24	19.139	2725	2729	2732	rVB3	356497	435229	3.89%	0.494%
25	19.333	2757	2762	2767	rBV	2438317	3270973	29.21%	3.715%
26	19.462	2781	2784	2791	rVB3	273740	420952	3.76%	0.478%
27	19.668	2815	2819	2820	rBV	341725	436134	3.90%	0.495%
28	19.697	2820	2824	2832	rVB	2211960	2897485	25.88%	3.291%
29	19.903	2854	2859	2869	rVB	8919863	11196786	100.00%	12.717%
30	20.680	2988	2991	2994	rVB	290212	305291	2.73%	0.347%
31	21.180	3072	3076	3081	rBV3	1018010	1343494	12.00%	1.526%
32	21.386	3108	3111	3115	rBV	720660	747888	6.68%	0.849%
33	21.450	3116	3122	3126	rVV2	3136634	5654829	50.50%	6.422%
34	21.491	3126	3129	3136	rVB	1271838	1817970	16.24%	2.065%
35	23.115	3401	3405	3409	rBV	689516	1422724	12.71%	1.616%
36	23.732	3506	3510	3517	rVB	689574	1177852	10.52%	1.338%

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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 >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	23.838	3523	3528	3534	rBV2	1621133	3073823	27.45%	3.491%
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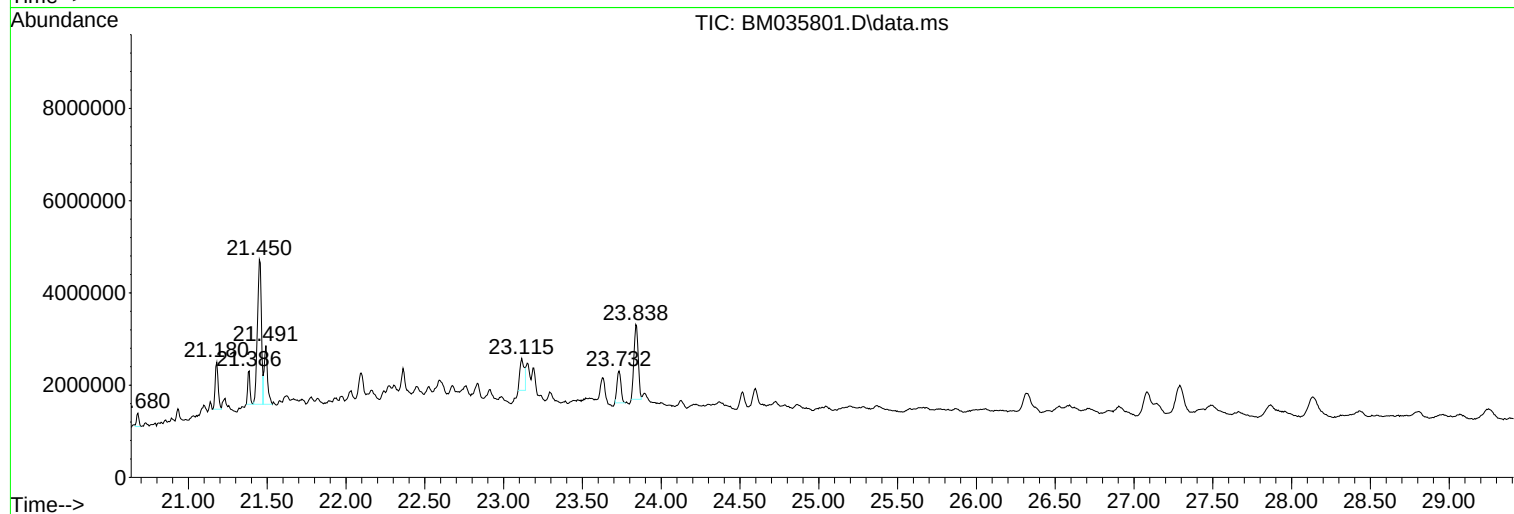
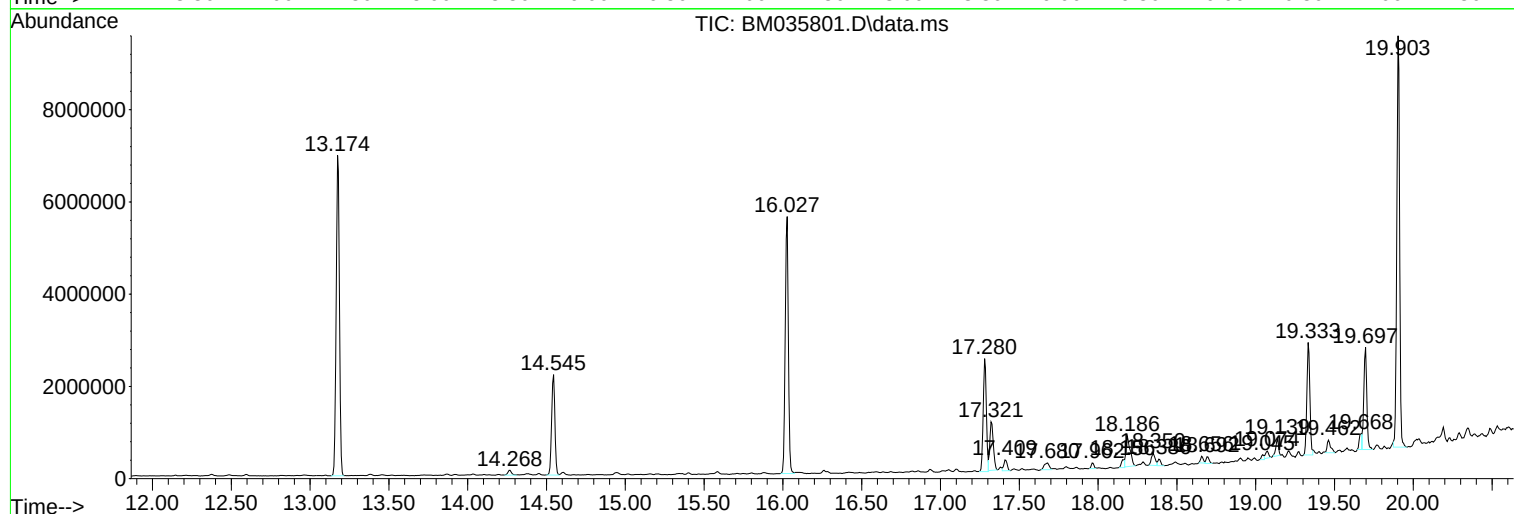
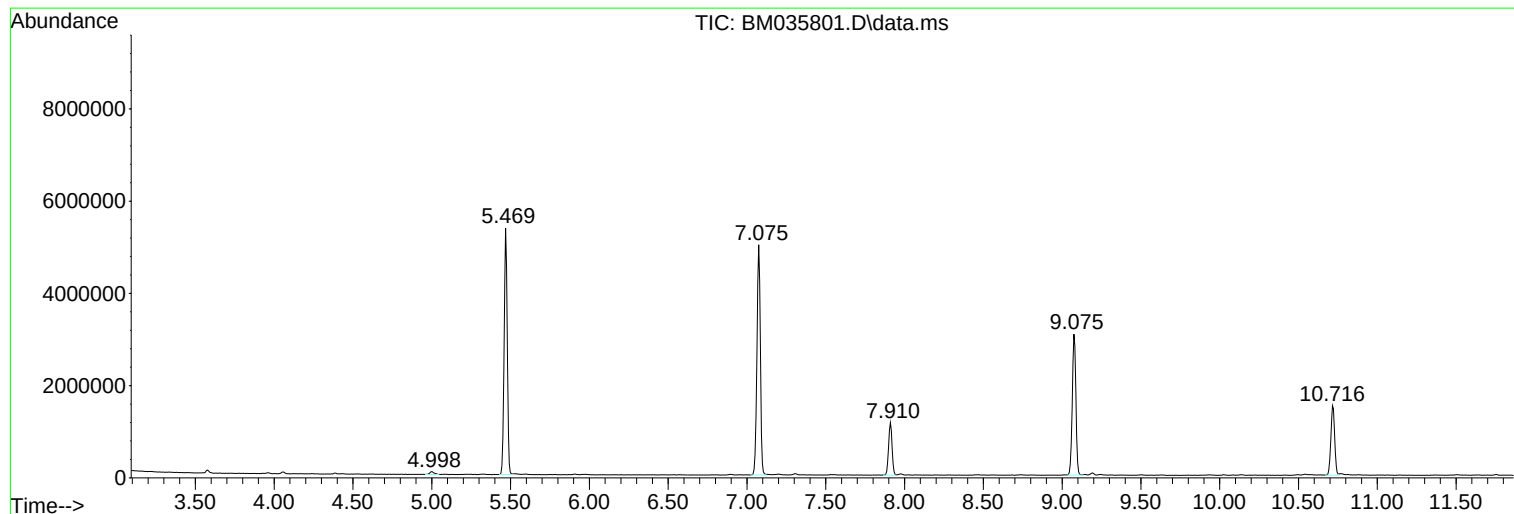
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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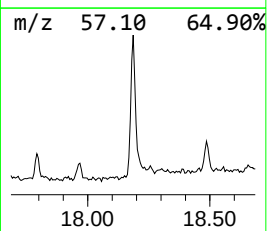
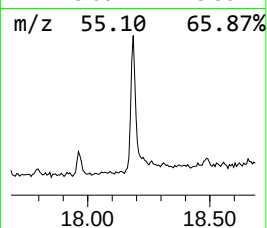
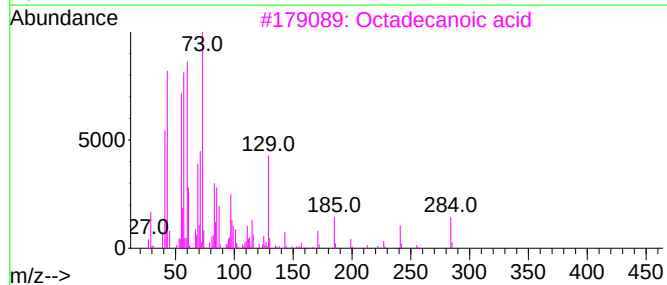
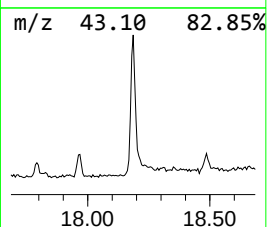
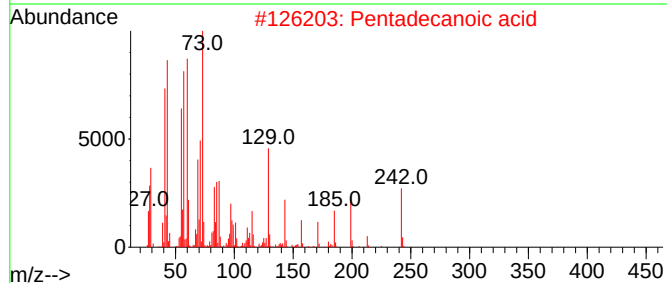
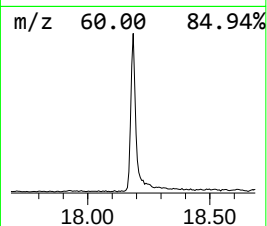
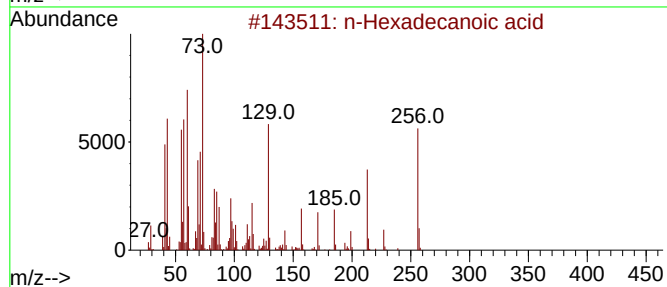
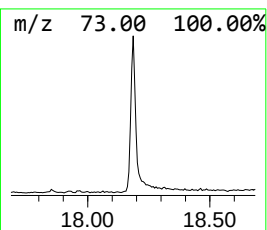
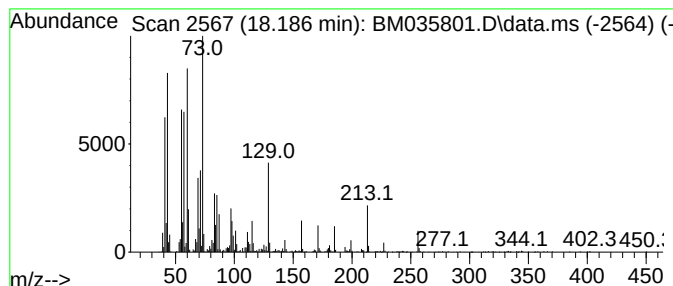
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	6.86 ng	1189080	Phenanthrene-d10	17.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Octadecanoic acid	284	C18H36O2	000057-11-4	81
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



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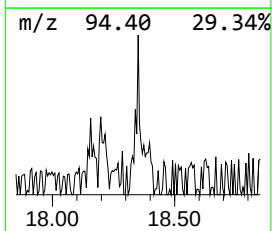
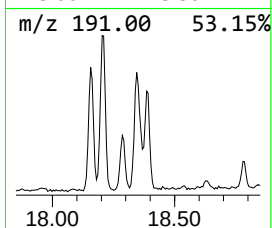
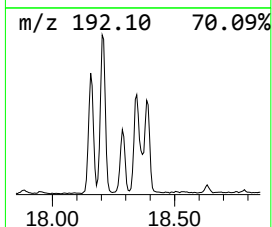
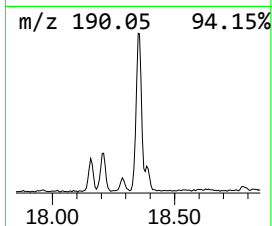
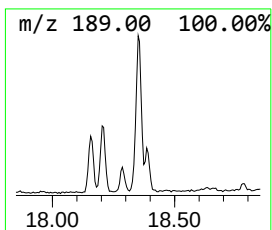
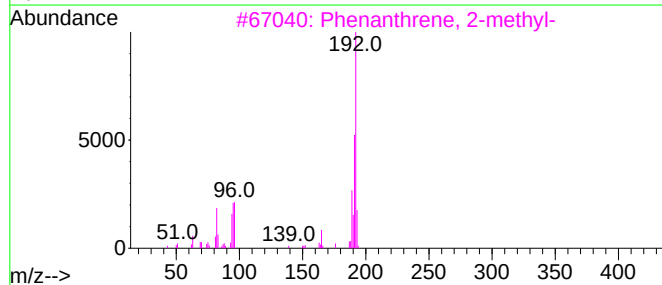
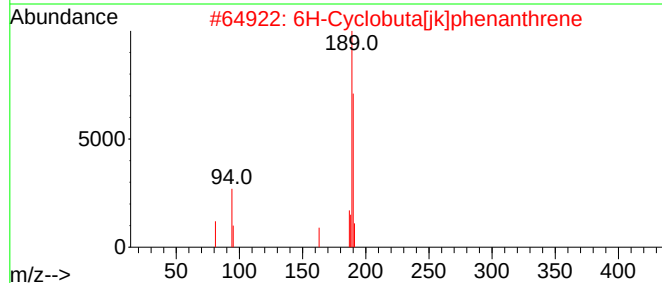
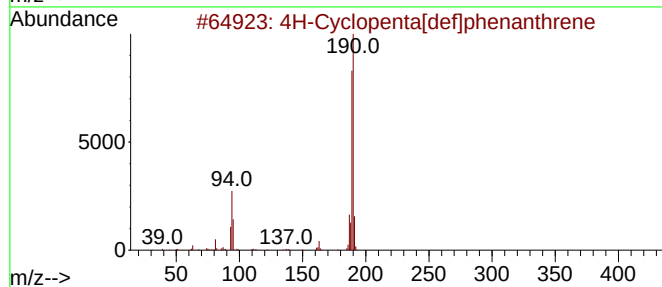
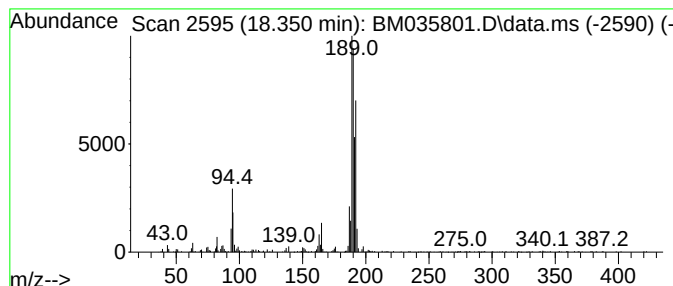
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.351	2.55 ng	441195	Phenanthrene-d10	17.280	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30



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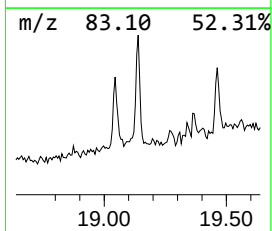
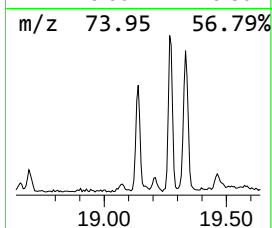
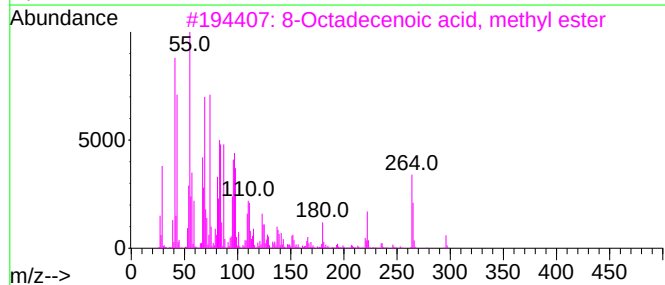
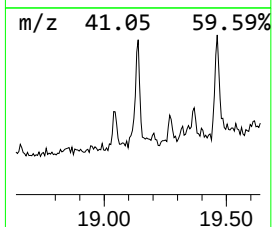
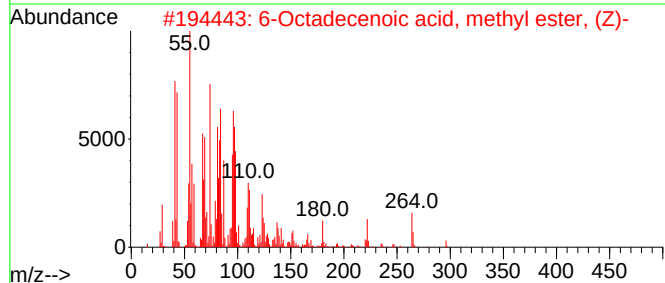
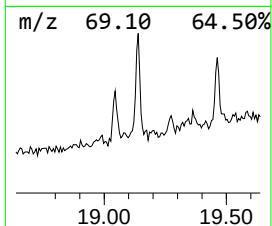
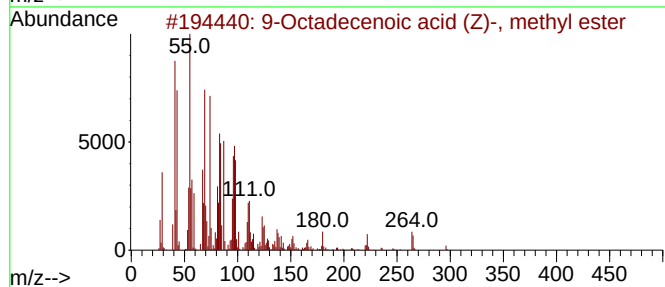
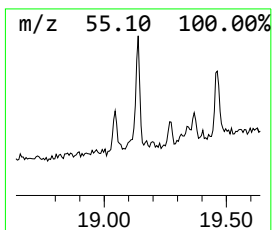
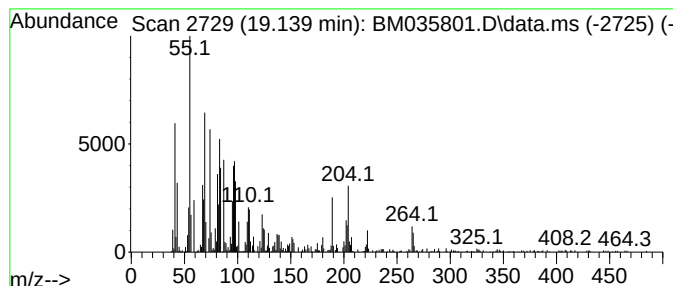
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.139	2.51 ng	435229	Phenanthrene-d10	17.280	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99



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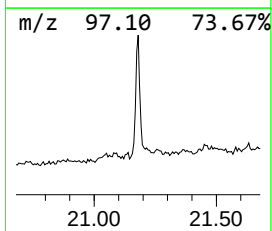
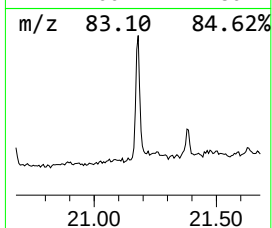
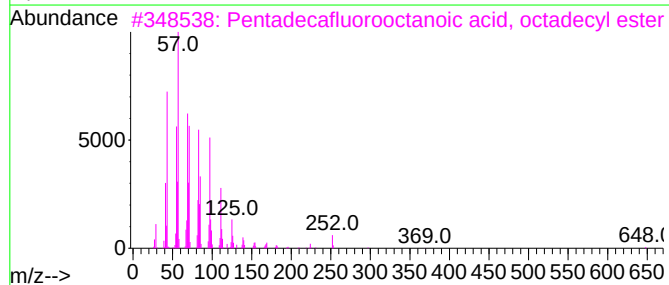
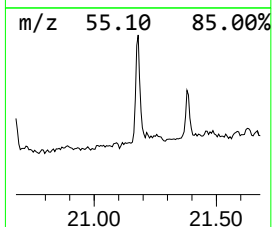
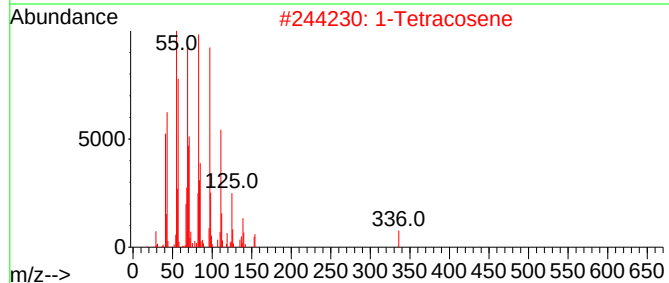
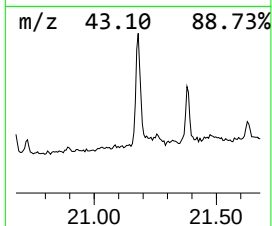
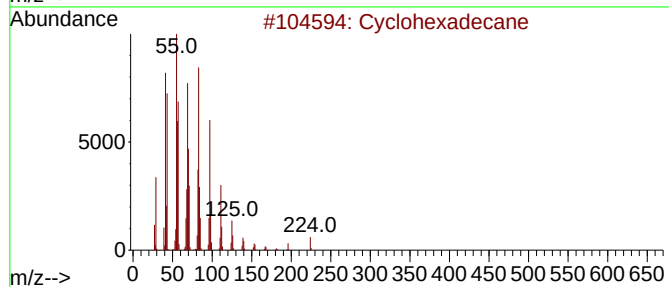
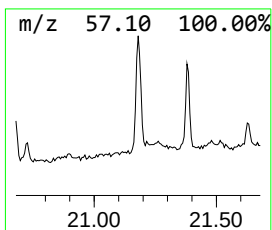
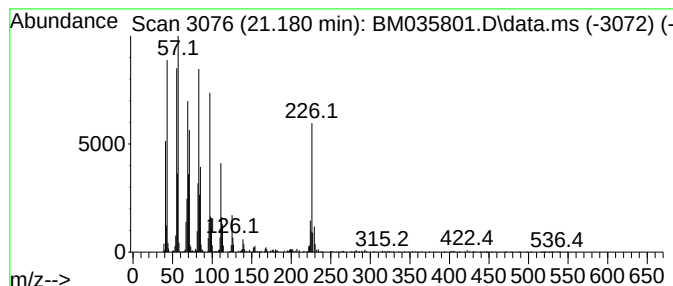
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	4.75 ng	1343490	Chrysene-d12	21.456

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	98
2			1-Tetracosene	336	C24H48	010192-32-2	98
3			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	92
4			Heptacos-1-ene	378	C27H54	015306-27-1	89
5			Nonacos-1-ene	406	C29H58	018835-35-3	89



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.186	6.9	ng	1189080	4	17.280	3467130	20.0
4H-Cyclopenta[d]...	18.351	2.5	ng	441195	4	17.280	3467130	20.0
9-Octadecenoic ...	19.139	2.5	ng	435229	4	17.280	3467130	20.0
Cyclohexadecane	21.180	4.8	ng	1343490	5	21.456	5654830	20.0