

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044825.D
 Acq On : 16 Mar 2020 22:55
 Operator : CG/JU
 Sample : L1902-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-229-13

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_G\METHODS\8270-BG031020.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	3.151	6	11	20	rBV2	67182	142712	3.18%	0.384%
2	3.228	20	24	31	rVB2	36517	55128	1.23%	0.148%
3	5.619	423	431	442	rBV	1503477	2504866	55.79%	6.733%
4	7.205	693	701	710	rBV	1616079	2823660	62.89%	7.590%
5	8.052	838	845	852	rVB	403069	709460	15.80%	1.907%
6	8.375	891	900	909	rBV	1147471	2056622	45.80%	5.529%
7	9.203	1029	1041	1051	rBV	988201	1852743	41.26%	4.980%
8	10.860	1314	1323	1330	rBV	558687	1027322	22.88%	2.762%
9	13.310	1732	1740	1747	rBV	2396828	3888633	86.60%	10.453%
10	14.133	1874	1880	1885	rBV	195860	304330	6.78%	0.818%
11	14.403	1920	1926	1933	rBV3	32797	68236	1.52%	0.183%
12	14.685	1965	1974	1980	rBV	873960	1461420	32.55%	3.929%
13	14.750	1980	1985	1992	rVB	106921	170052	3.79%	0.457%
14	15.079	2034	2041	2048	rBV	66678	112761	2.51%	0.303%
15	15.731	2146	2152	2157	rBV2	66298	103604	2.31%	0.279%
16	16.166	2219	2226	2235	rBV	2048004	3361109	74.86%	9.035%
17	16.395	2257	2265	2274	rBV6	56237	121034	2.70%	0.325%
18	17.247	2406	2410	2417	rVB	31693	56748	1.26%	0.153%
19	17.429	2434	2441	2445	rBV	1047680	1640236	36.53%	4.409%
20	17.470	2445	2448	2454	rVB	380385	540912	12.05%	1.454%
21	17.558	2460	2463	2468	rVB	52689	77698	1.73%	0.209%
22	17.611	2468	2472	2480	rBV6	25054	59923	1.33%	0.161%
23	18.328	2585	2594	2597	rBV3	210511	474793	10.57%	1.276%
24	18.498	2617	2623	2627	rBV3	136277	254246	5.66%	0.683%
25	18.539	2627	2630	2635	rVB	68948	87374	1.95%	0.235%
26	18.798	2671	2674	2677	rBV	60356	80678	1.80%	0.217%
27	18.839	2677	2681	2687	rVB5	69946	110936	2.47%	0.298%
28	19.221	2741	2746	2750	rBV	78991	133327	2.97%	0.358%
29	19.274	2751	2755	2760	rVV8	41919	80713	1.80%	0.217%
30	19.350	2765	2768	2771	rBV4	46251	66781	1.49%	0.180%
31	19.479	2784	2790	2795	rBV	780284	1140122	25.39%	3.065%
32	19.838	2842	2851	2859	rBV	686852	1172067	26.10%	3.151%
33	20.038	2879	2885	2897	rVB	3162341	4490114	100.00%	12.070%
34	20.161	2901	2906	2911	rBV6	91188	194966	4.34%	0.524%

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35	20.325	2931	2934	2939	rVB2	127680	172114	3.83%	0.463%
36	20.484	2959	2961	2966	rVB2	78567	96820	2.16%	0.260%
37	20.631	2982	2986	2989	rBV2	76578	99597	2.22%	0.268%
38	21.360	3106	3110	3117	rBV3	277407	474032	10.56%	1.274%
39	21.606	3148	3152	3157	rBV	128209	185201	4.12%	0.498%
40	21.694	3160	3167	3173	rVV3	958710	2148113	47.84%	5.774%
41	21.741	3173	3175	3186	rVB	321786	513717	11.44%	1.381%
42	23.898	3537	3542	3551	rBV2	150208	404213	9.00%	1.087%
43	24.756	3683	3688	3698	rVB	159278	438010	9.75%	1.177%
44	24.914	3708	3715	3723	rVB2	468404	1243048	27.68%	3.342%

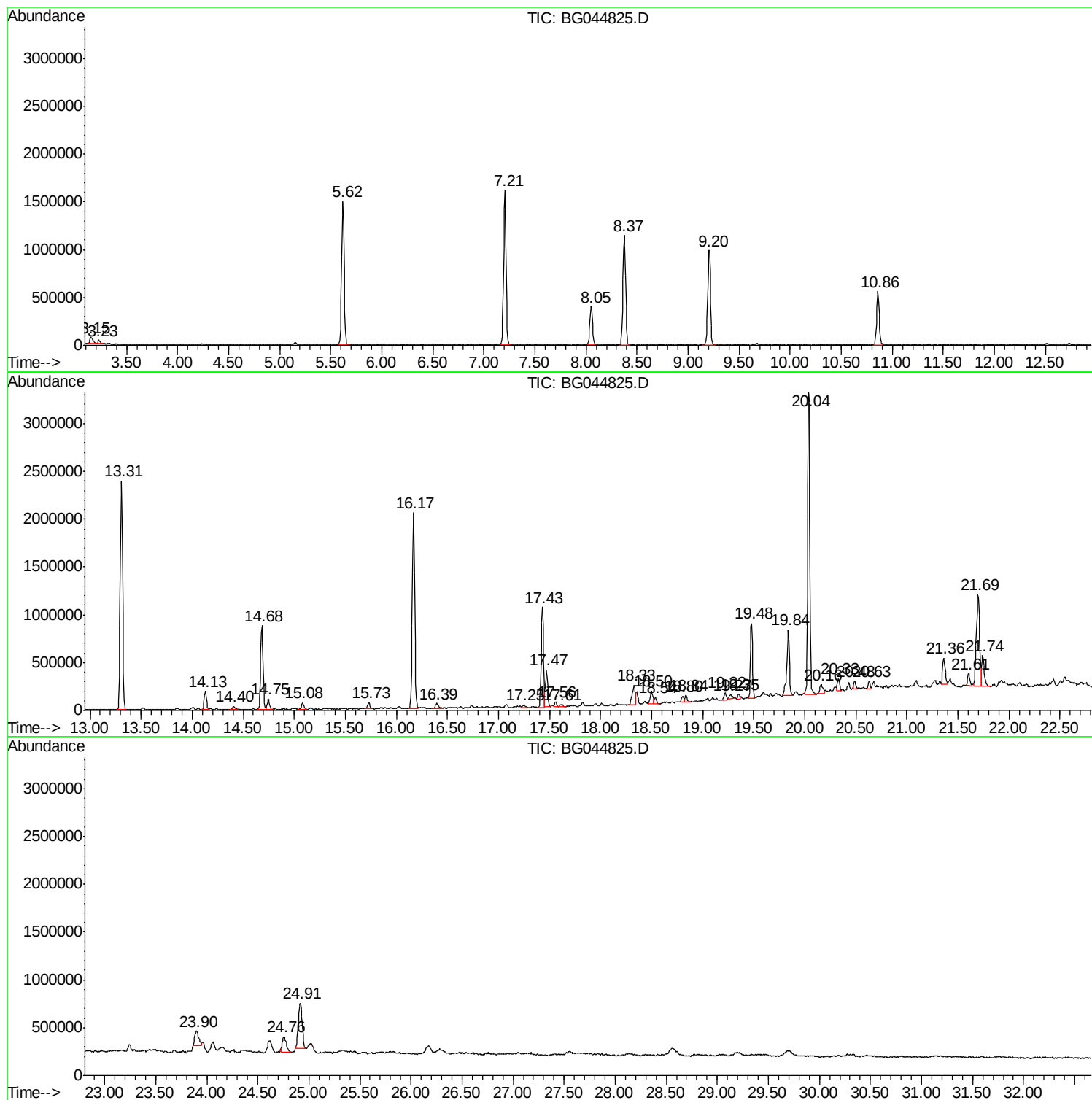
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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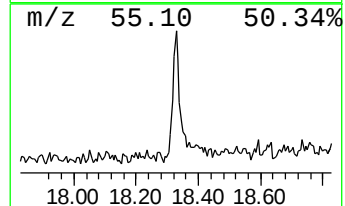
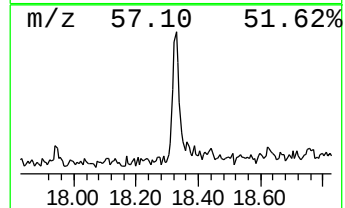
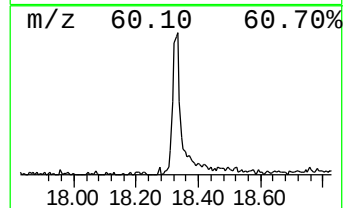
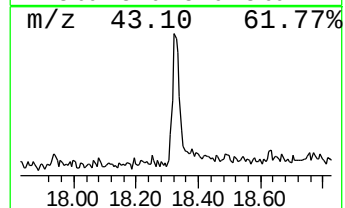
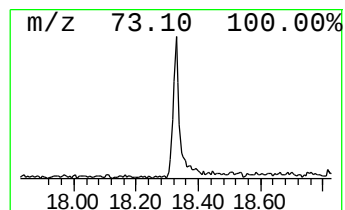
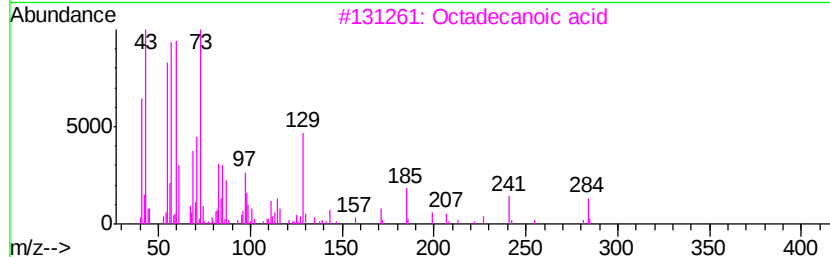
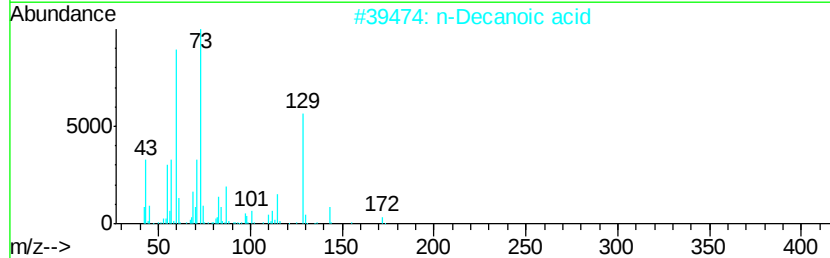
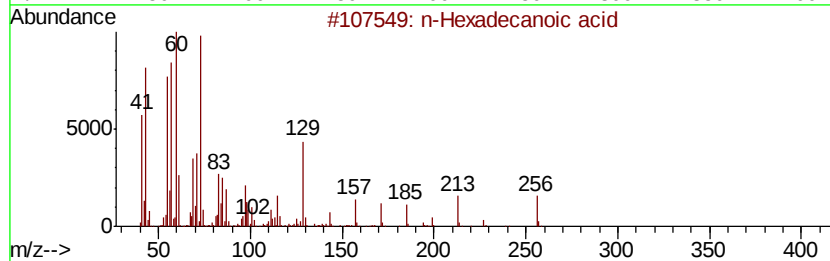
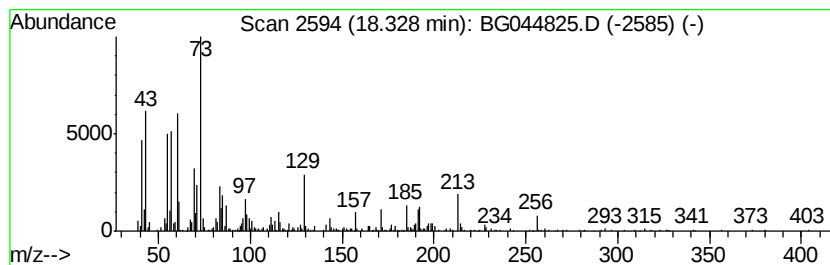
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	5.79 ng	474793	Phenanthrene-d10	17.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Decanoic acid	172	C10H20O2	000334-48-5	86
3		Octadecanoic acid	284	C18H36O2	000057-11-4	55
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	55
5		Tridecanoic acid	214	C13H26O2	000638-53-9	53



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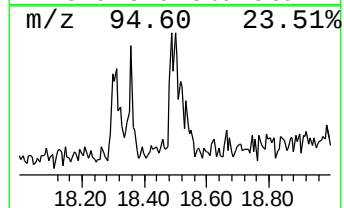
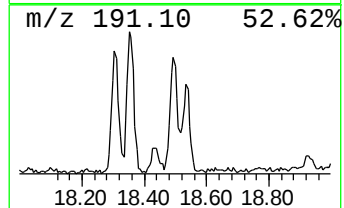
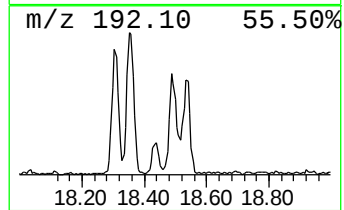
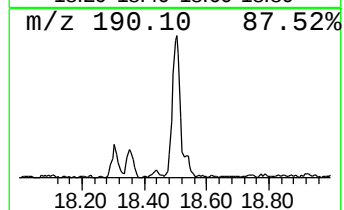
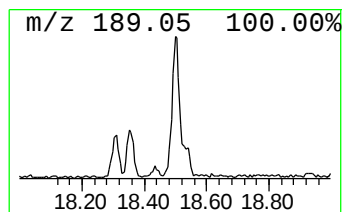
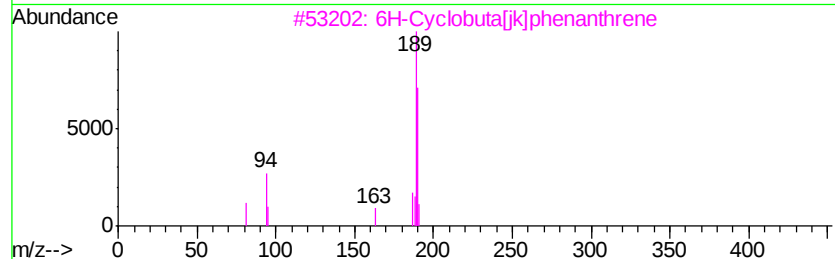
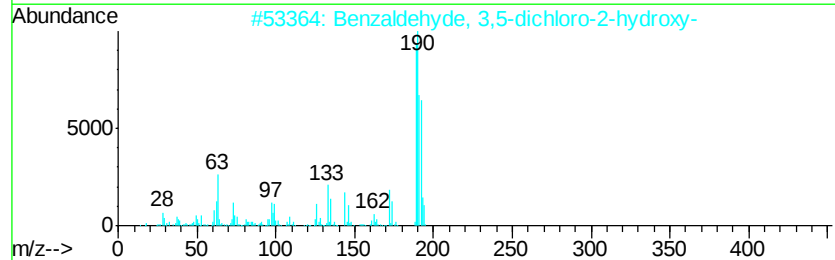
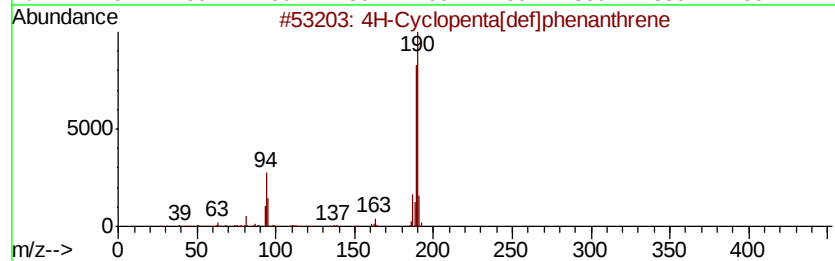
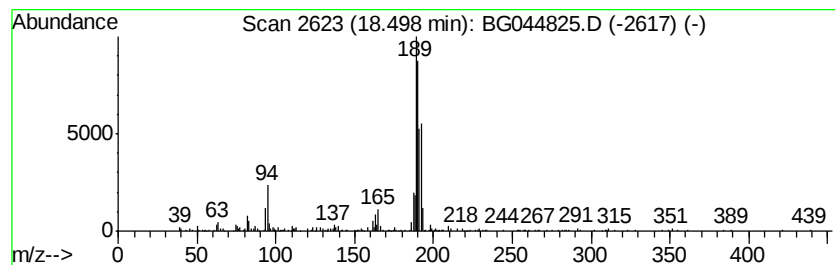
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Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	3.10 ng	254246	Phenanthrene-d10	17.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	58
4		Methyl diselenide	190	C2H6Se2	007101-31-7	30
5		Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	25



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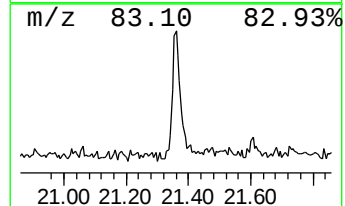
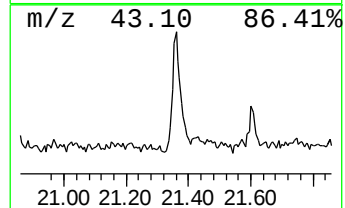
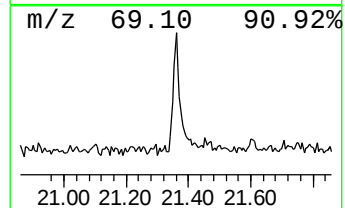
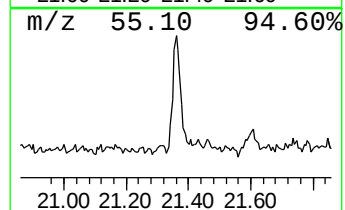
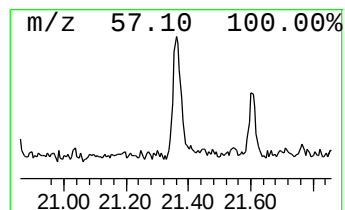
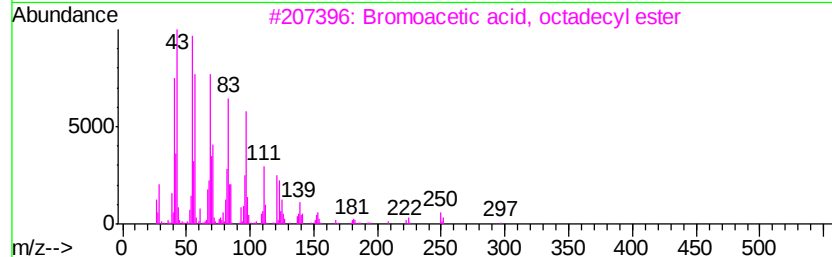
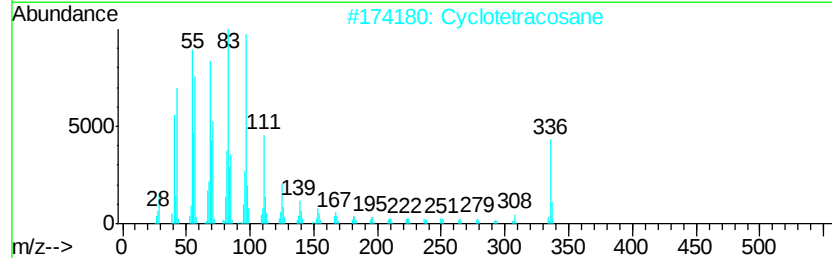
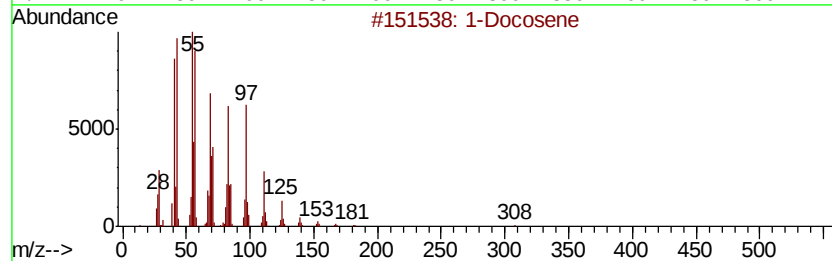
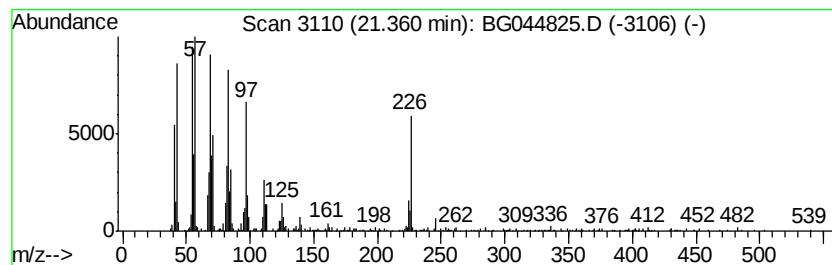
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Peak Number 6 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	4.41 ng	474032	Chrysene-d12	21.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene		308 C22H44	001599-67-3 94
2	Cyclotetracosane		336 C24H48	000297-03-0 90
3	Bromoacetic acid, octadecyl ester		390 C20H39BrO2	018992-03-5 87
4	Nonadecyl trifluoroacetate		380 C21H39F3O2	1000351-76-3 76
5	Tetradecyl trifluoroacetate		310 C16H29F3O2	006222-02-2 74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.33	5.8	ng	474793	4	17.43	1640240	20.0
4H-Cyclopenta[def...	18.50	3.1	ng	254246	4	17.43	1640240	20.0
1-Docosene	21.36	4.4	ng	474032	5	21.69	2148110	20.0