

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
 Data File : BM012004.D
 Acq On : 09 Oct 2017 07:40
 Operator : SJ/JU
 Sample : I5522-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC6

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\SOM-EPA-BM100317.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	7.010	659	667	682	rBV	486976	955653	12.76%	1.537%
2	7.175	689	695	706	rBV	385935	635876	8.49%	1.023%
3	7.375	723	729	738	rBV	526411	905849	12.10%	1.457%
4	7.846	803	809	817	rBV	462626	780371	10.42%	1.255%
5	8.551	923	929	943	rBV	587788	1080619	14.43%	1.738%
6	9.010	1001	1007	1015	rBV	492119	909105	12.14%	1.462%
7	9.734	1122	1130	1145	rBV	436237	810734	10.83%	1.304%
8	10.275	1215	1222	1238	rBV	699242	1307504	17.46%	2.103%
9	10.651	1279	1286	1292	rBV	722142	1228180	16.40%	1.976%
10	10.792	1303	1310	1322	rBV	332323	708468	9.46%	1.140%
11	13.898	1829	1838	1843	rBV	1602246	2265037	30.25%	3.643%
12	13.945	1843	1846	1855	rVB	591577	839651	11.22%	1.351%
13	14.186	1880	1887	1902	rBV	1675587	2557060	34.15%	4.113%
14	14.492	1933	1939	1947	rBV2	1196256	1912483	25.54%	3.076%
15	14.698	1967	1974	1991	rBV	339658	792364	10.58%	1.275%
16	15.486	2101	2108	2115	rBV	2407979	3392379	45.31%	5.457%
17	15.610	2124	2129	2142	rBV	669430	987073	13.18%	1.588%
18	16.186	2223	2227	2239	rVB	55271	112948	1.51%	0.182%
19	16.980	2356	2362	2367	rBV3	50935	78546	1.05%	0.126%
20	17.239	2400	2406	2410	rBV2	1859509	2673827	35.71%	4.301%
21	17.280	2410	2413	2417	rVV	400674	565412	7.55%	0.909%
22	17.339	2417	2423	2438	rVB	2698158	4150753	55.44%	6.677%
23	17.604	2463	2468	2472	rBV4	72227	107873	1.44%	0.174%
24	18.057	2541	2545	2549	rBV2	74362	93734	1.25%	0.151%
25	18.116	2550	2555	2560	rBV2	861803	1185124	15.83%	1.906%
26	18.192	2565	2568	2573	rVB	338734	428995	5.73%	0.690%
27	18.310	2583	2588	2592	rBV4	76136	139124	1.86%	0.224%
28	18.610	2635	2639	2644	rBV	53750	88381	1.18%	0.142%
29	18.663	2644	2648	2653	rVB2	65807	93565	1.25%	0.151%
30	19.033	2706	2711	2714	rBV3	47907	88433	1.18%	0.142%
31	19.174	2730	2735	2737	rBV3	55050	83549	1.12%	0.134%
32	19.292	2744	2755	2763	rBV	1119717	1820295	24.31%	2.928%
33	19.392	2768	2772	2783	rBV	785741	1192820	15.93%	1.919%
34	19.627	2806	2812	2826	rBV2	4325310	7199531	96.16%	11.581%

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35	19.845	2845	2849	2854	rVB2	68427	95931	1.28%	0.154%
36	20.151	2899	2901	2906	rVB3	113010	129226	1.73%	0.208%
37	21.104	3059	3063	3067	rVB2	462172	536347	7.16%	0.863%
38	21.415	3109	3116	3120	rBV2	3349189	5314441	70.98%	8.549%
39	21.451	3120	3122	3131	rVB	585017	683510	9.13%	1.099%
40	23.033	3387	3391	3397	rBV	517488	1001302	13.37%	1.611%
41	23.586	3478	3485	3491	rBV2	3966140	7486759	100.00%	12.043%
42	23.733	3504	3510	3517	rBV2	2422587	4748879	63.43%	7.639%

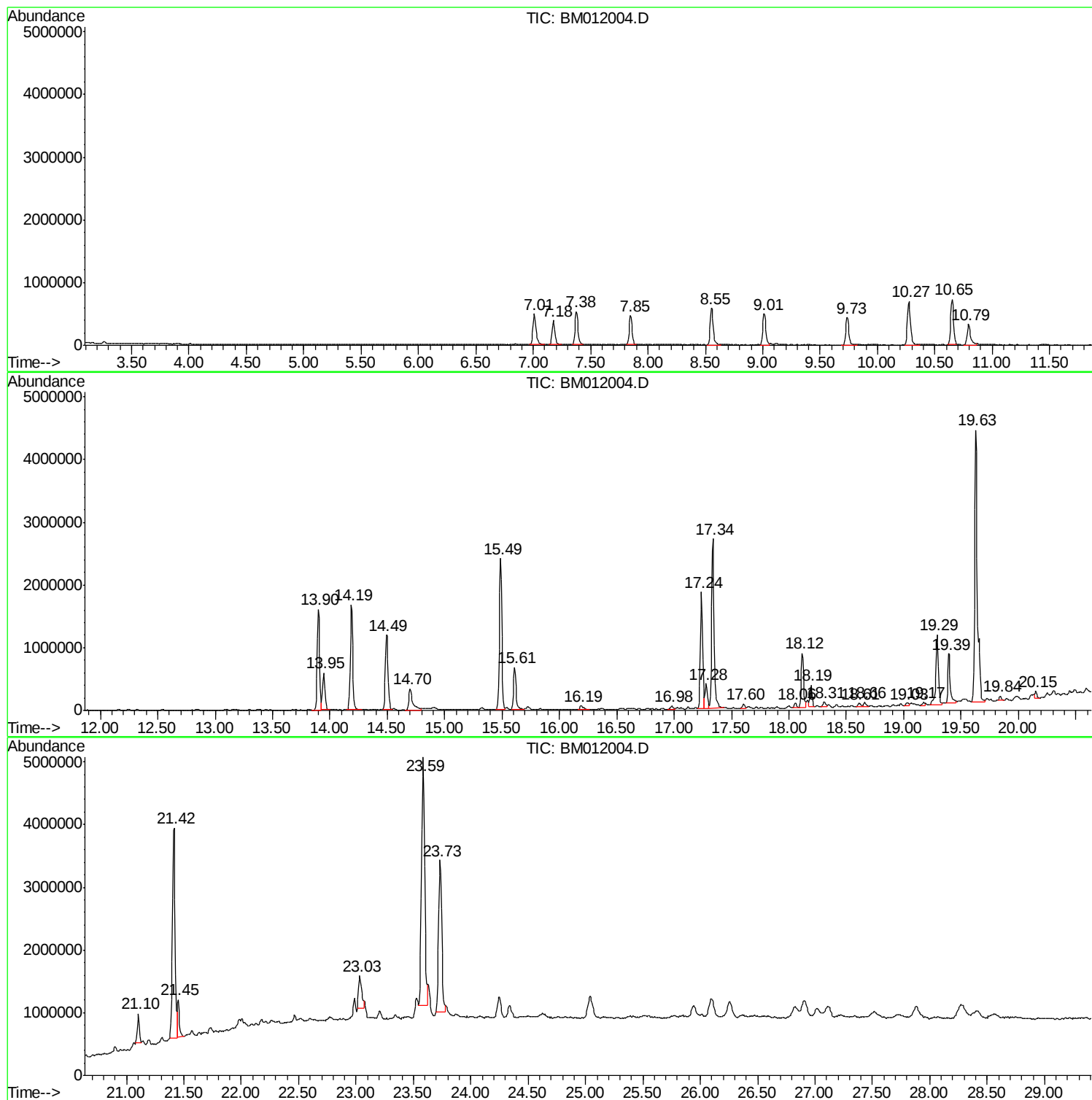
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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



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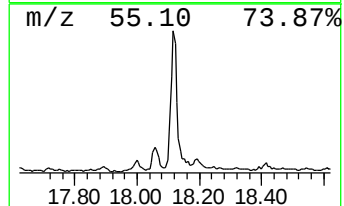
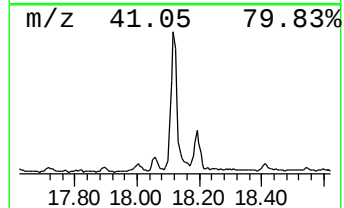
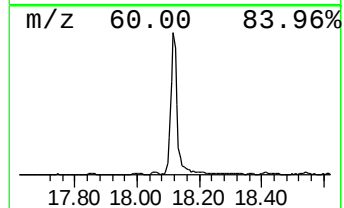
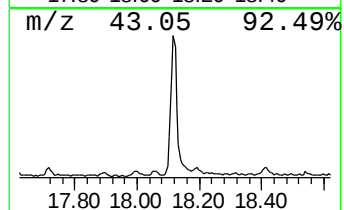
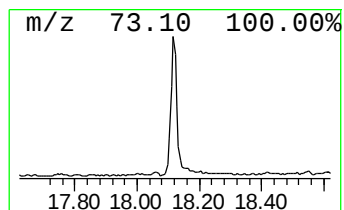
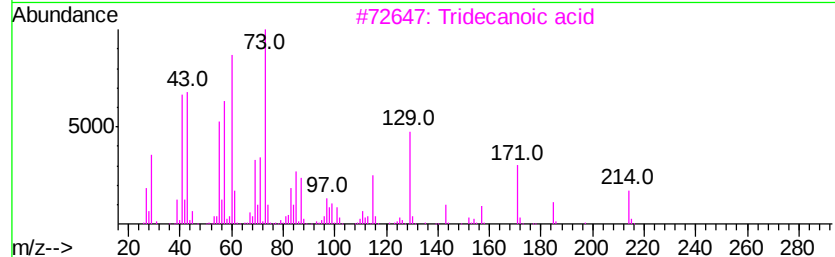
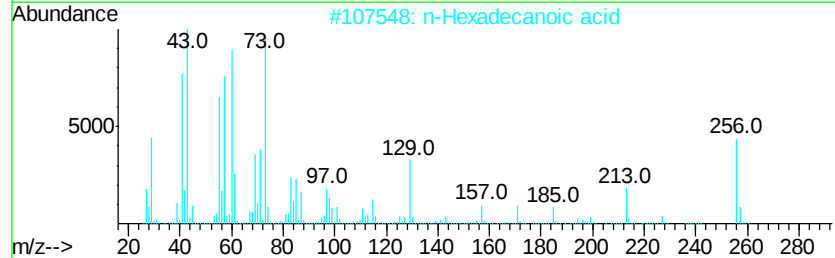
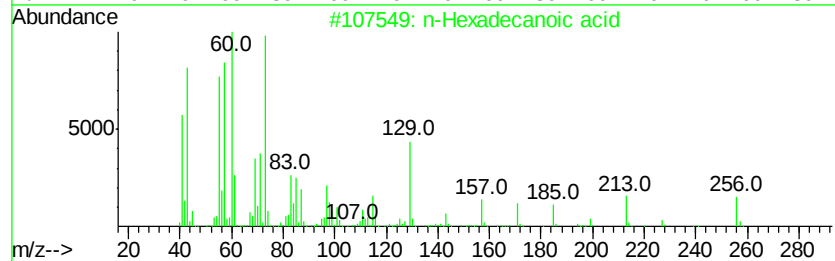
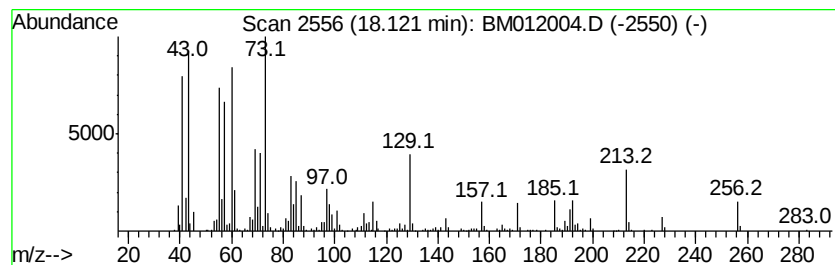
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	8.86 ng/ul	1185120	Phenanthrene-d10	17.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	91
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	86



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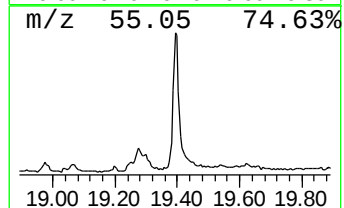
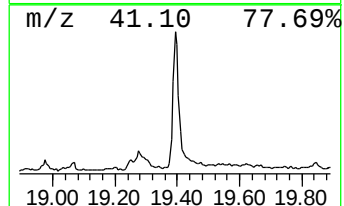
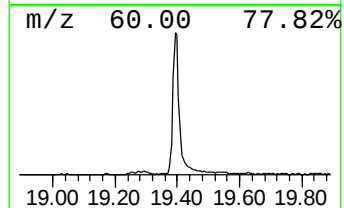
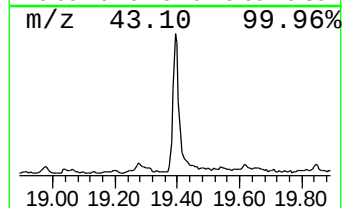
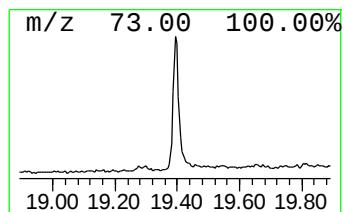
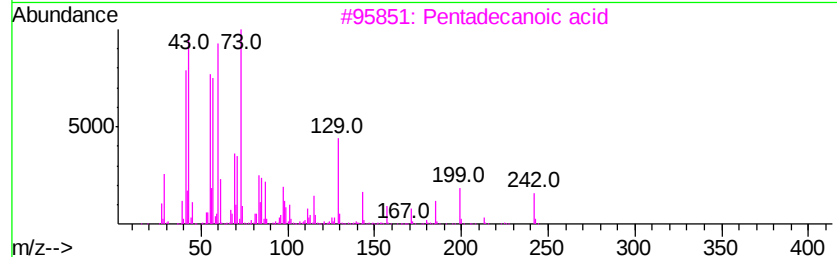
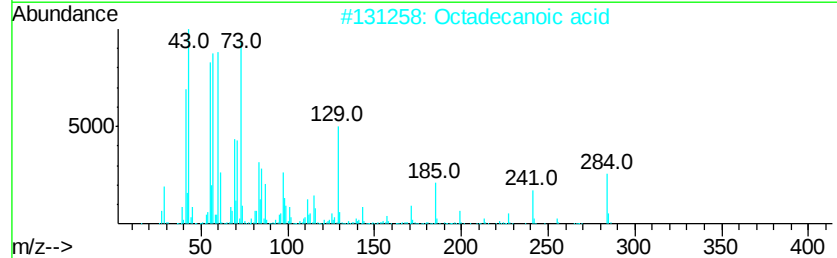
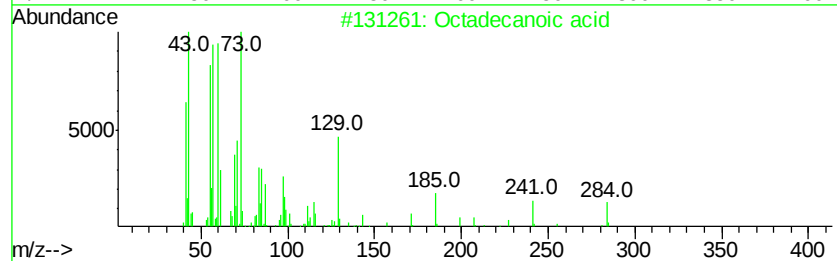
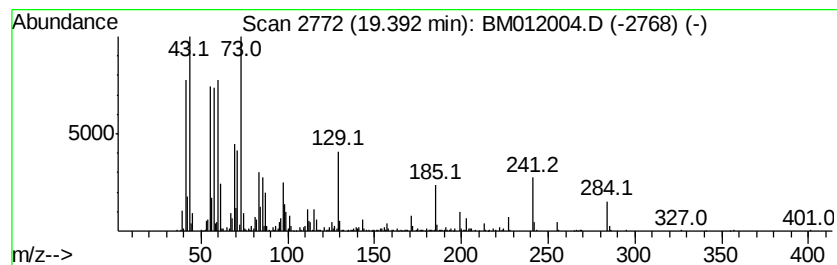
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	4.49 ng/ul	1192820	Chrysene-d12	21.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	86	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	86	



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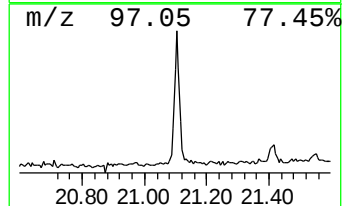
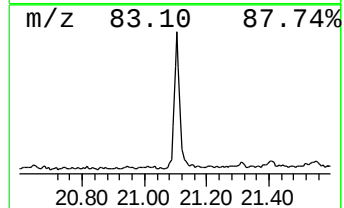
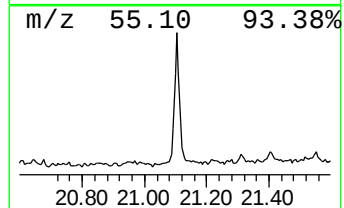
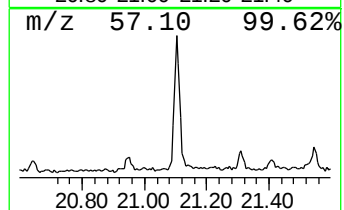
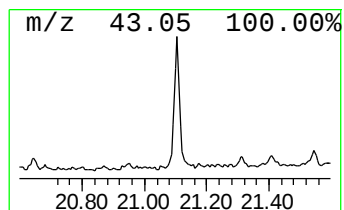
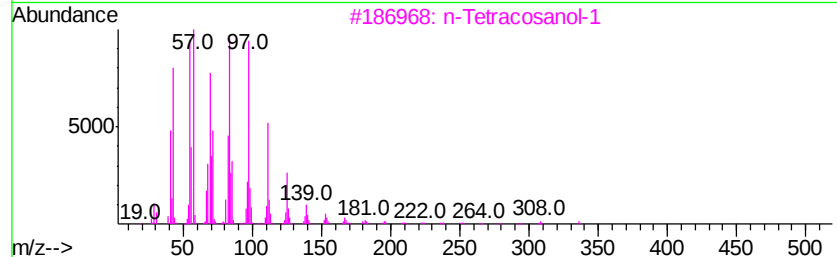
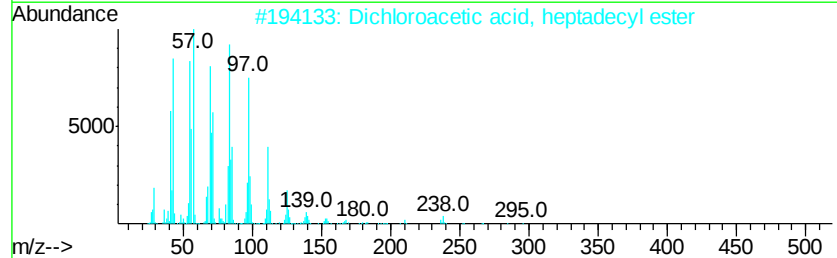
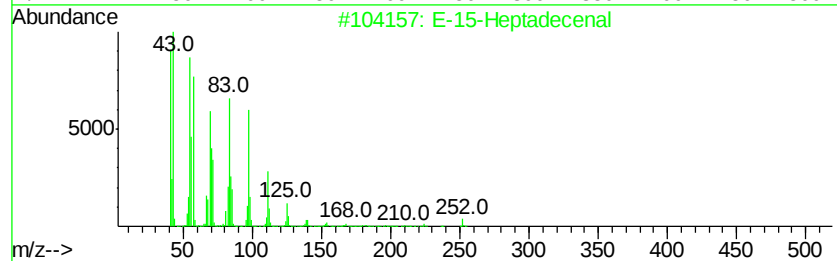
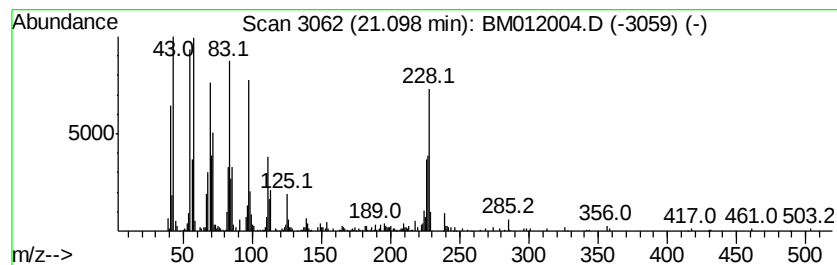
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Peak Number 3 E-15-Heptadecenal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	2.02 ng/ul	536347	Chrysene-d12	21.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	E-15-Heptadecenal	252 C17H32O	1000130-97-9	95
2	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	93
3	n-Tetracosanol-1	354 C24H50O	000506-51-4	90
4	Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3	90
5	5-Eicosene, (E)-	280 C20H40	074685-30-6	89



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.12	8.9	ng/ul	1185120	4	17.24	2673830	20.0
Octadecanoic acid	19.39	4.5	ng/ul	1192820	5	21.42	5314440	20.0
E-15-Heptadecenal	21.10	2.0	ng/ul	536347	5	21.42	5314440	20.0