

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012417\
 Data File : BM008848.D
 Acq On : 24 Jan 2017 21:03
 Operator : UM/SJ
 Sample : I1315-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDN10

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\SOM02.2-EPA-BM012317.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	7.081	758	764	776	rBV3	238528	420150	26.85%	2.301%
2	7.263	788	795	801	rVB	213031	327661	20.94%	1.795%
3	7.463	822	829	835	rBV	292705	467416	29.87%	2.560%
4	7.934	902	909	915	rBV	357259	571824	36.54%	3.132%
5	8.628	1022	1027	1034	rVB2	84362	129631	8.28%	0.710%
6	9.098	1096	1107	1117	rBV	356411	591803	37.82%	3.241%
7	9.469	1165	1170	1175	rBV	47752	65974	4.22%	0.361%
8	9.816	1220	1229	1238	rBV2	188529	324448	20.73%	1.777%
9	10.345	1313	1319	1330	rBV	330222	542438	34.67%	2.971%
10	10.739	1377	1386	1393	rBV	395976	681452	43.55%	3.732%
11	13.974	1931	1936	1940	rBV	136177	185505	11.85%	1.016%
12	14.022	1940	1944	1950	rVB	62623	83406	5.33%	0.457%
13	14.263	1978	1985	1993	rVB	632089	911466	58.25%	4.992%
14	14.445	2010	2016	2022	rVB2	15910	25120	1.61%	0.138%
15	14.569	2031	2037	2044	rVB2	583230	835568	53.40%	4.576%
16	14.751	2063	2068	2077	rVB3	58483	93748	5.99%	0.513%
17	15.345	2165	2169	2174	rBV2	14220	21321	1.36%	0.117%
18	15.398	2174	2178	2184	rVB3	41509	54161	3.46%	0.297%
19	15.563	2199	2206	2213	rBV	854560	1184980	75.73%	6.490%
20	15.668	2220	2224	2231	rVB5	10958	15787	1.01%	0.086%
21	15.804	2240	2247	2252	rVB4	19490	33083	2.11%	0.181%
22	16.263	2320	2325	2327	rBV2	53061	74643	4.77%	0.409%
23	17.051	2454	2459	2464	rBV2	56264	69770	4.46%	0.382%
24	17.098	2464	2467	2472	rVB5	19394	29277	1.87%	0.160%
25	17.315	2498	2504	2510	rBV	726099	1037054	66.27%	5.680%
26	17.415	2514	2521	2528	rVB	882285	1280798	81.85%	7.015%
27	17.786	2580	2584	2589	rBV	56575	70905	4.53%	0.388%
28	18.186	2648	2652	2656	rBV4	21088	23274	1.49%	0.127%
29	18.480	2698	2702	2708	rBV3	21943	32415	2.07%	0.178%
30	19.456	2864	2868	2872	rBV6	9199	18802	1.20%	0.103%
31	19.609	2887	2894	2899	rBV	1486650	1564790	100.00%	8.570%
32	19.698	2904	2909	2915	rBV	1146864	1546363	98.82%	8.469%
33	20.180	2989	2991	2994	rBV4	12670	20379	1.30%	0.112%
34	20.651	3066	3071	3076	rBV	1304703	1364909	87.23%	7.475%

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35	21.168	3155	3159	3164	rBV3	206186	244815	15.65%	1.341%
36	21.480	3207	3212	3219	rBV	1032587	1331683	85.10%	7.294%
37	23.692	3582	3588	3599	rVB2	367569	721681	46.12%	3.953%
38	23.844	3608	3614	3625	rVB2	626991	1259978	80.52%	6.901%

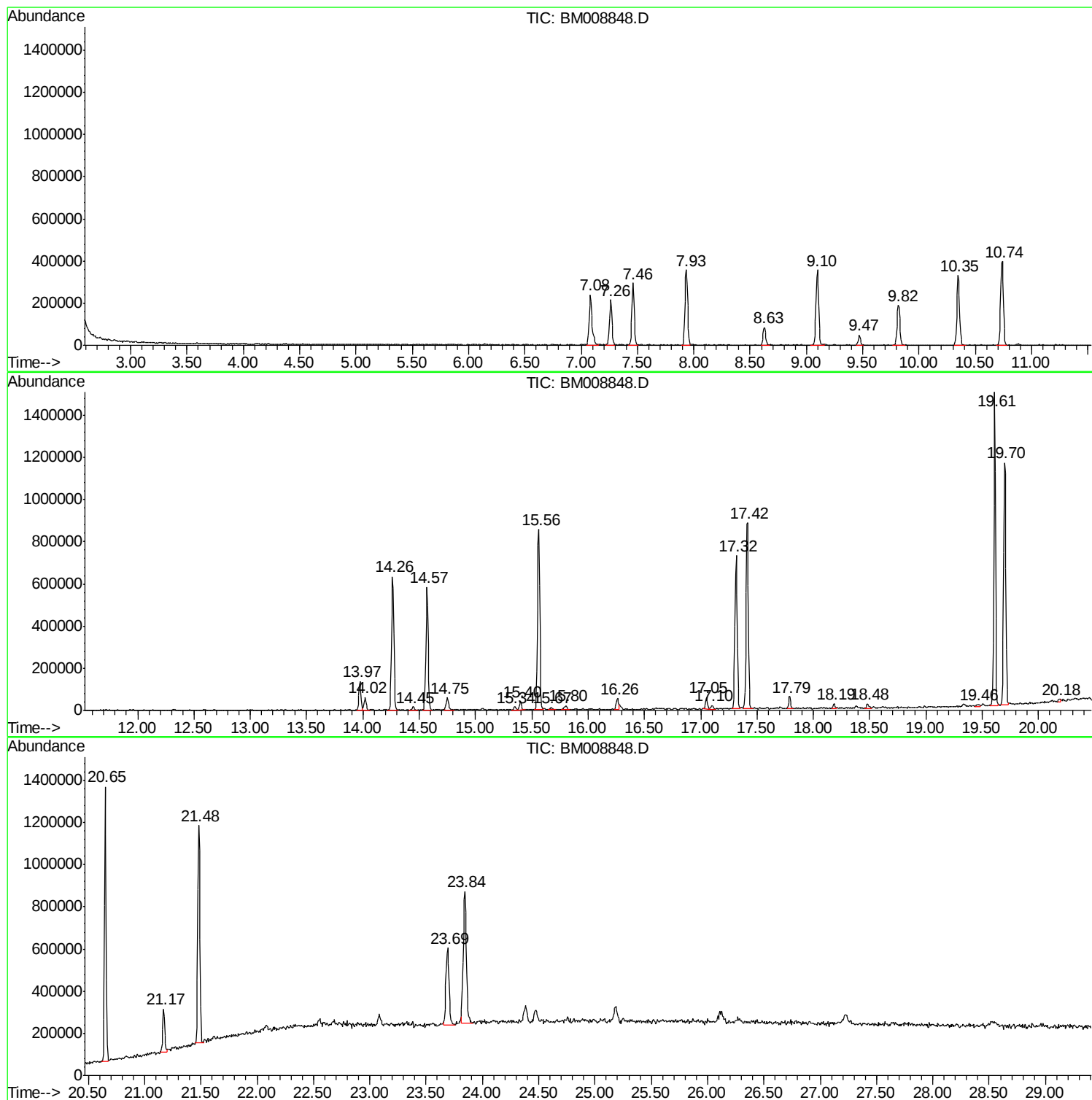
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



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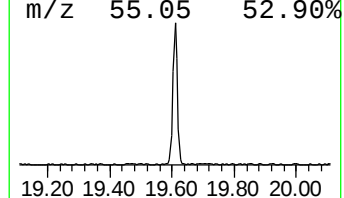
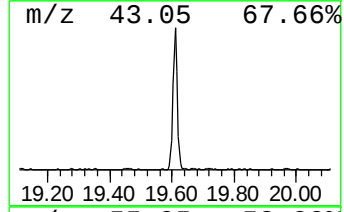
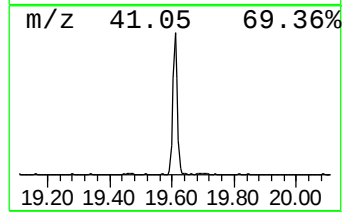
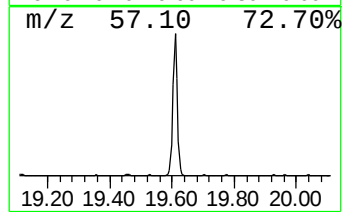
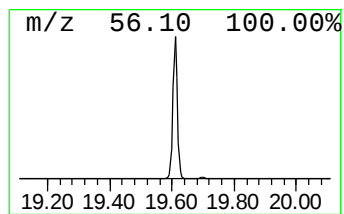
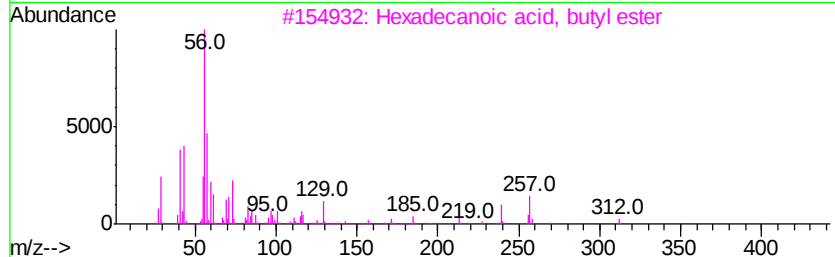
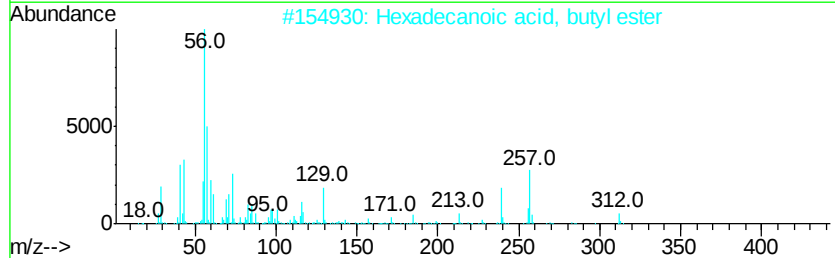
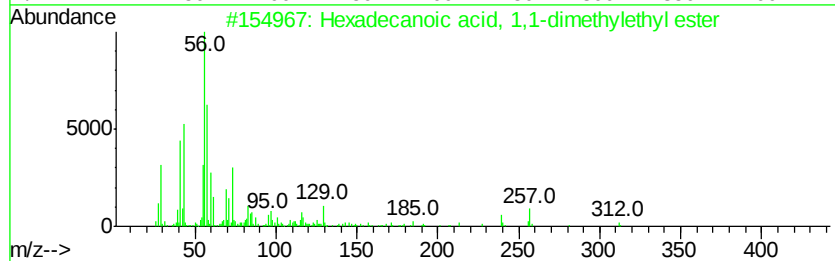
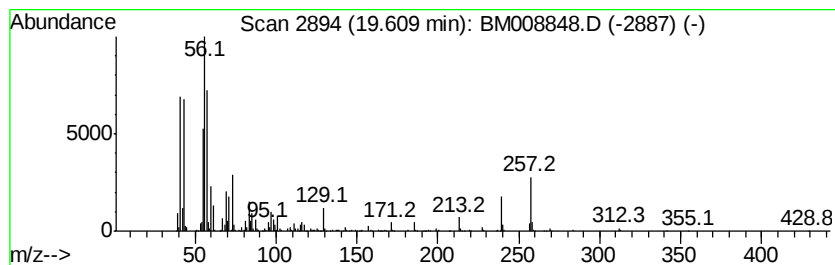
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	23.50 ng/ul	1564790	Chrysene-d12	21.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	91
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	86
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	78
5		1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	38



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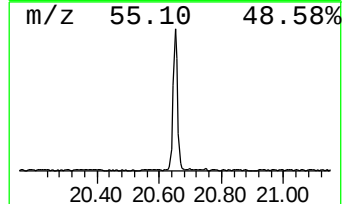
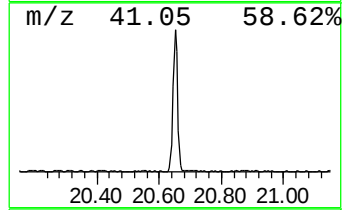
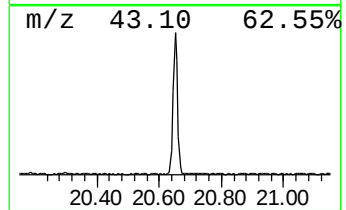
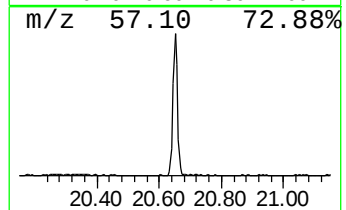
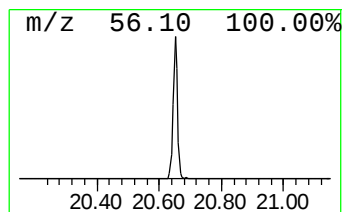
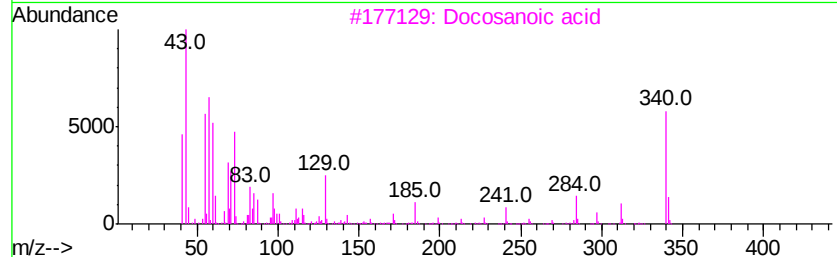
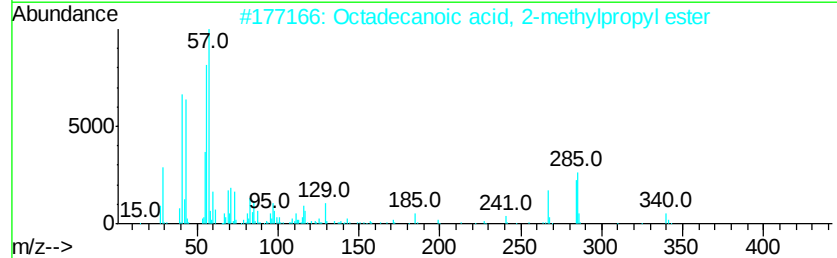
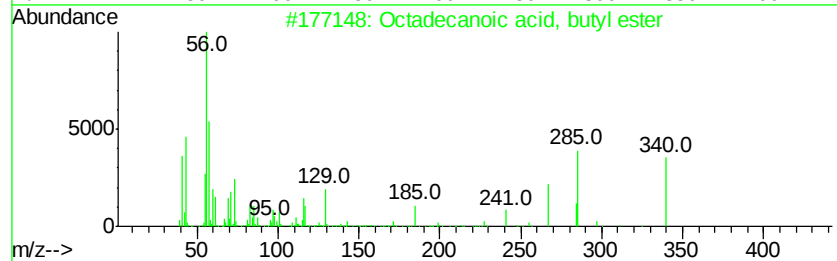
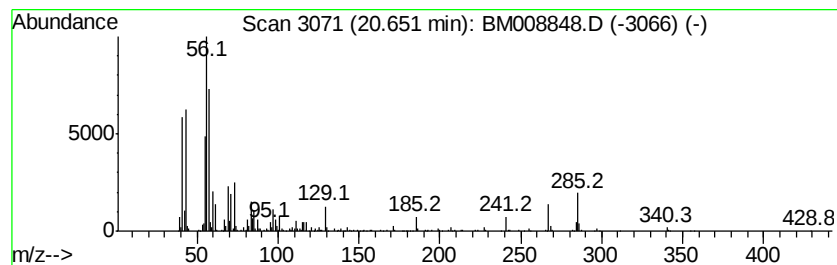
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Peak Number 2 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.65	20.50 ng/ul	1364910	Chrysene-d12	21.48		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
2		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	52
3		Docosanoic acid	340	C22H44O2	000112-85-6	42
4		2-Isopropyl-3-vinylloxirane	112	C7H12O	070777-23-0	38
5		Cyanic acid, propyl ester	85	C4H7NO	001768-36-1	35



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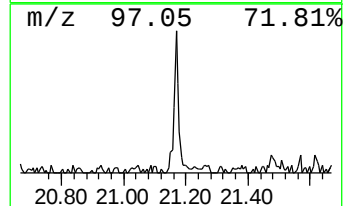
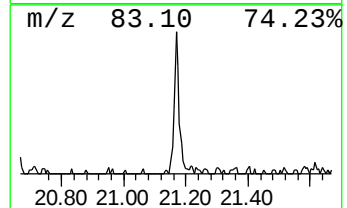
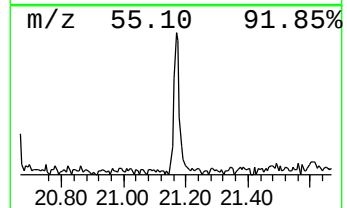
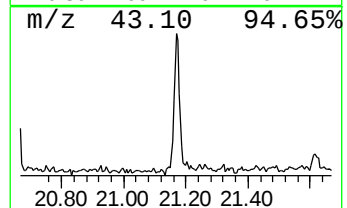
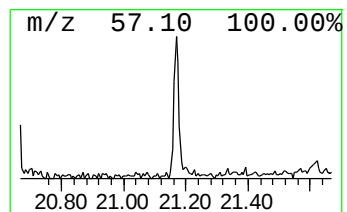
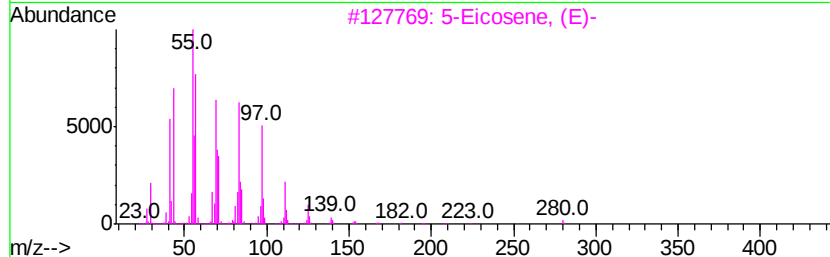
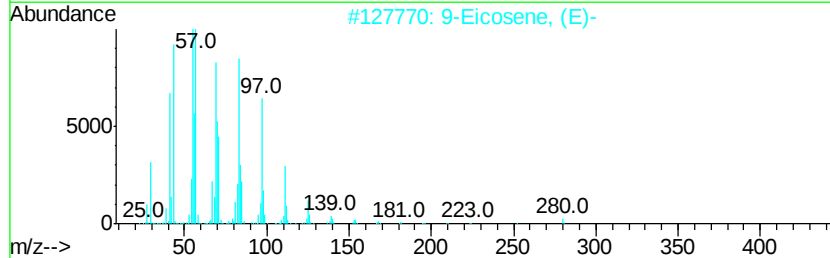
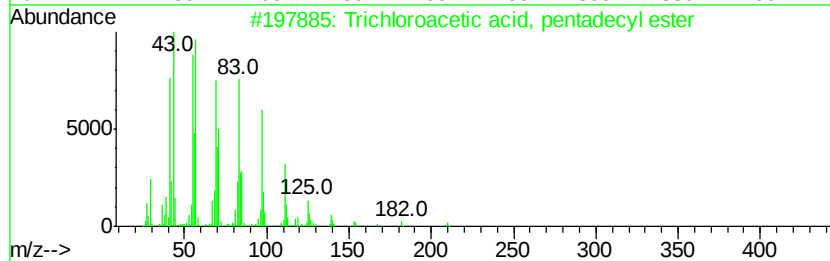
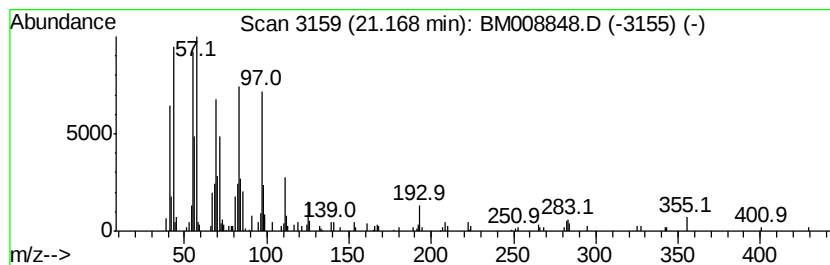
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Peak Number 3 Trichloroacetic acid, penta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	3.68 ng/ul	244815	Chrysene-d12	21.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2		9-Eicosene, (E)-	280	C20H40	074685-29-3	91
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4		Cyclotetracosane	336	C24H48	000297-03-0	90
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecanoic acid...	19.61	23.5	ng/ul	1564790	5	21.48	1331680	20.0
Octadecanoic acid...	20.65	20.5	ng/ul	1364910	5	21.48	1331680	20.0
Trichloroacetic a...	21.17	3.7	ng/ul	244815	5	21.48	1331680	20.0