LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138790.D
Acq On : 05 Aug 2024 17:35
Operator : RC/JU
Sample : P3441-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-08012024

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_F\Methods\8270-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138790.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	10	18	rVB	461182	697476	84.25%	10.805%
2	5.069	501	506	525	rVB	31848	50473	6.10%	0.782%
3	5.475	570	575	601	rBB	627853	826801	99.87%	12.808%
4	6.487	741	747	763	rBV	618837	822932	99.40%	12.748%
5	6.845	803	808	813	rBB	209711	259535	31.35%	4.021%
6	7.410	898	904	912	rBV	401311	524932	63.41%	8.132%
7	7.663	942	947	953	rVB	14379	19112	2.31%	0.296%
8	8.122	1020	1025	1031	rBV	242394	311499	37.63%	4.826%
9	8.439	1075	1079	1087	rBV	15860	26794	3.24%	0.415%
10	9.198	1202	1208	1218	rBV	671146	827868	100.00%	12.825%
11	9.880	1318	1324	1332	rVV	208797	274477	33.15%	4.252%
12	9.969	1335	1339	1345	rVB2	10999	17483	2.11%	0.271%
13	10.669	1453	1458	1472	rBV	260234	340950	41.18%	5.282%
14	11.363	1571	1576	1587	rBV	179159	242180	29.25%	3.752%
15	11.892	1658	1666	1670	rBV3	13829	24337	2.94%	0.377%
16	11.974	1677	1680	1688	rVB2	5543	11299	1.36%	0.175%
17	12.574	1778	1782	1787	rBV	31113	39964	4.83%	0.619%
18	12.804	1815	1821	1827	rBV	35066	53390	6.45%	0.827%
19	12.945	1840	1845	1850	rBV	484265	609887	73.67%	9.448%
20	13.133	1871	1877	1881	rBV2	6271	13069	1.58%	0.202%
21	13.333	1907	1911	1913	rBV3	5633	8461	1.02%	0.131%
22	13.757	1979	1983	1985	rBV4	5428	9370	1.13%	0.145%
23	13.880	1998	2004	2009	rBV7	11161	26853	3.24%	0.416%
24	14.004	2020	2025	2036	rVB2	143890	233756	28.24%	3.621%
25	15.045	2199	2202	2208	rBV	14334	21865	2.64%	0.339%
26	15.474	2270	2275	2288	rVB	91459	160390	19.37%	2.485%

Sum of corrected areas: 6455153

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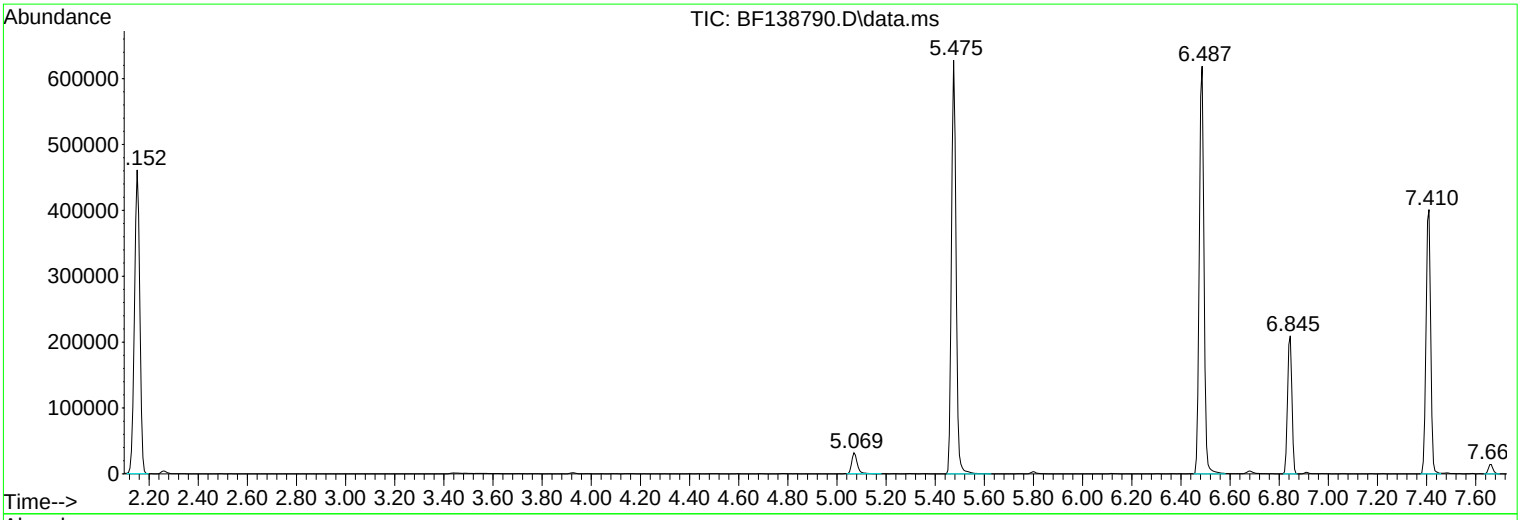
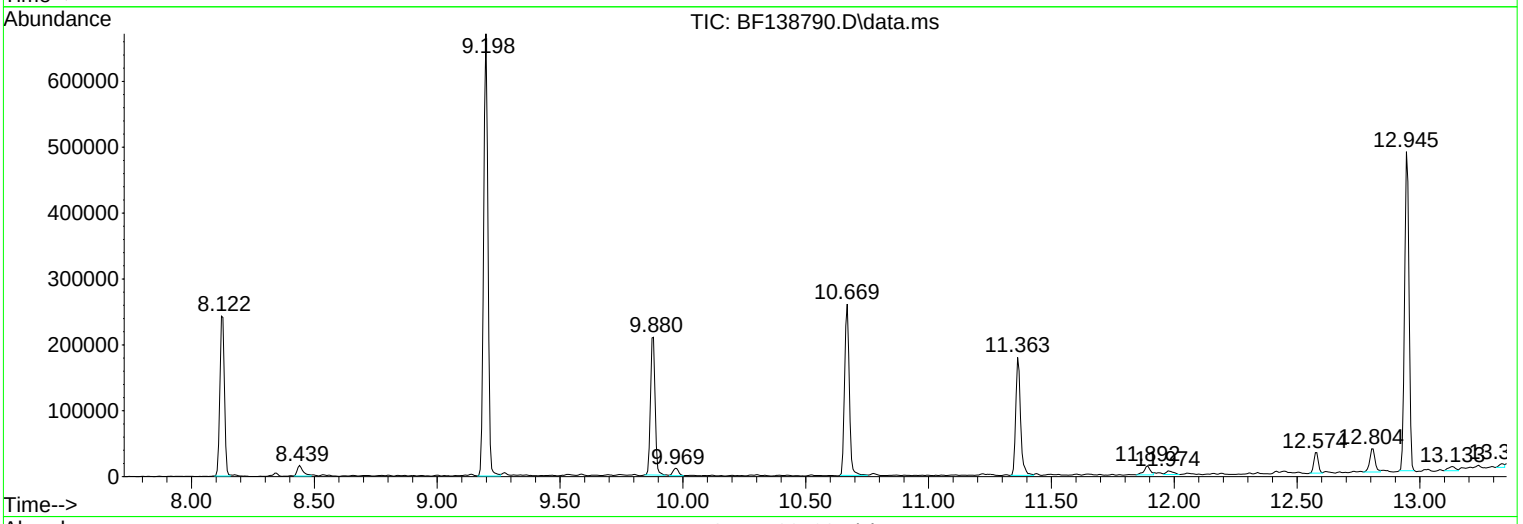
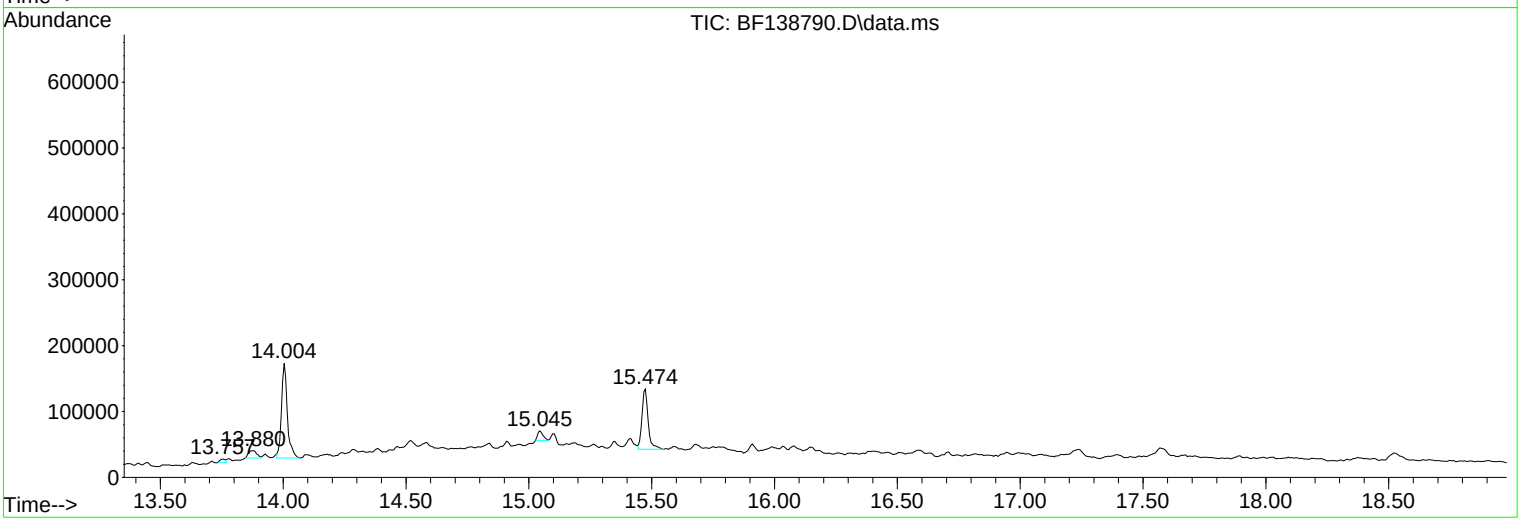
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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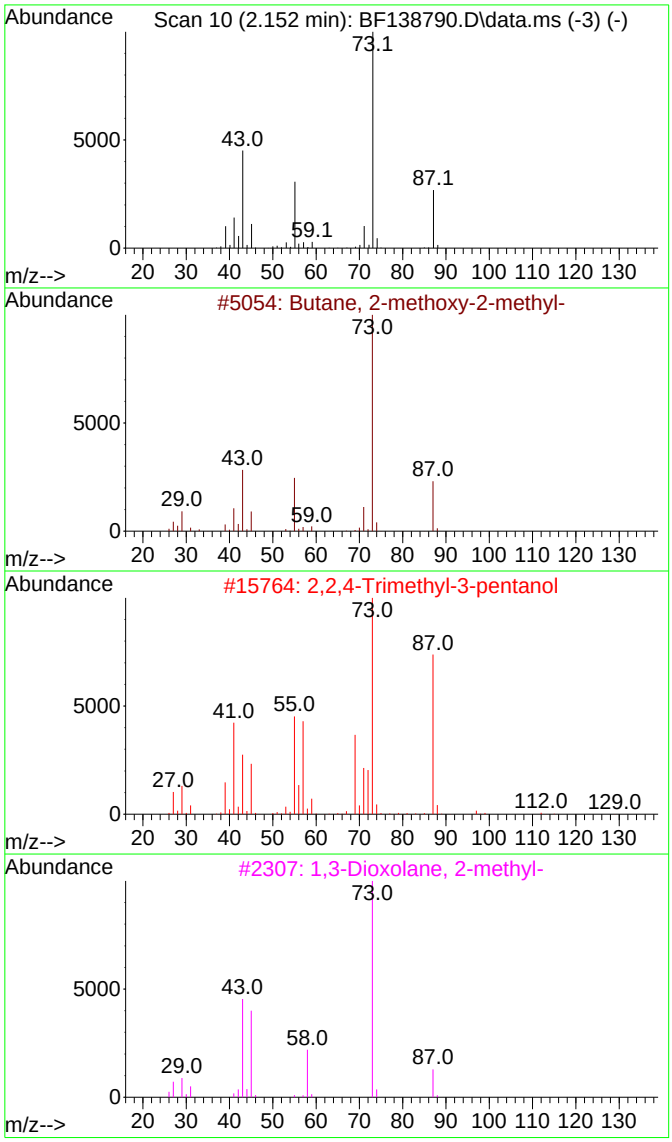
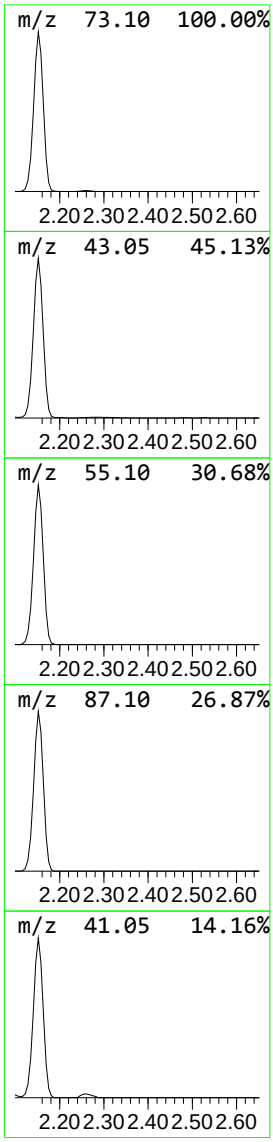
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	53.75 ng	697476	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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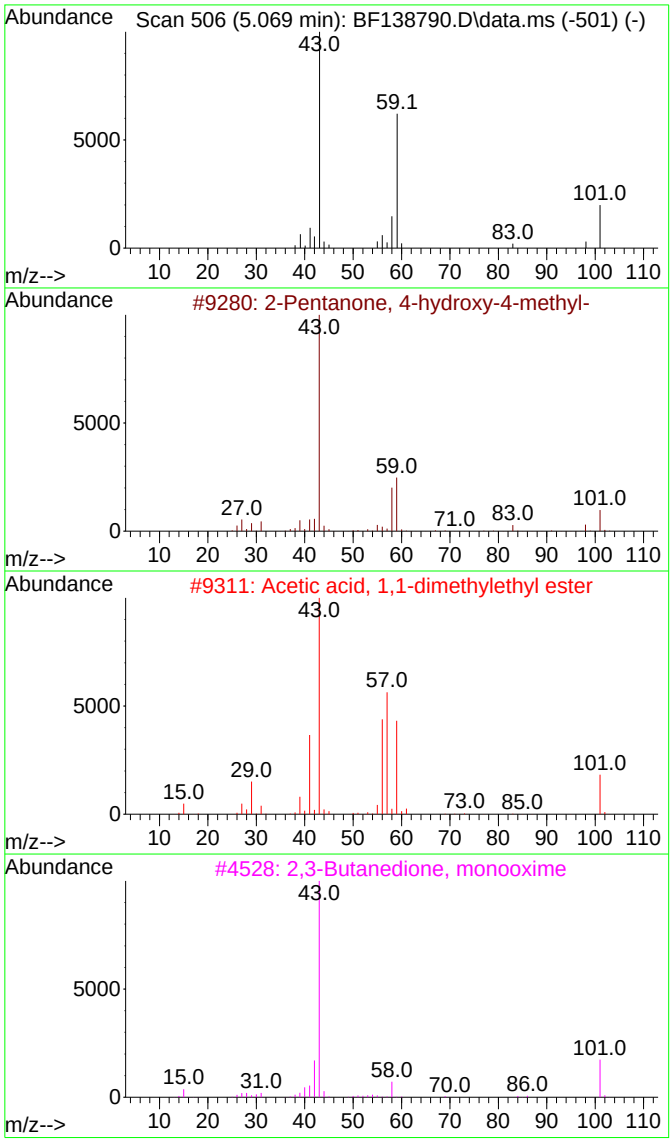
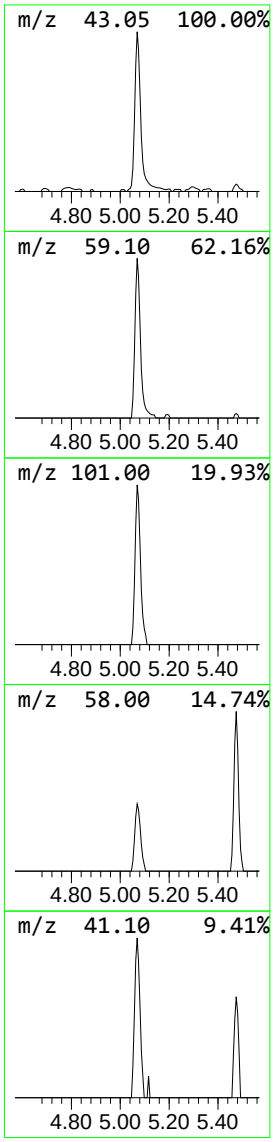
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.069	3.89 ng	50473	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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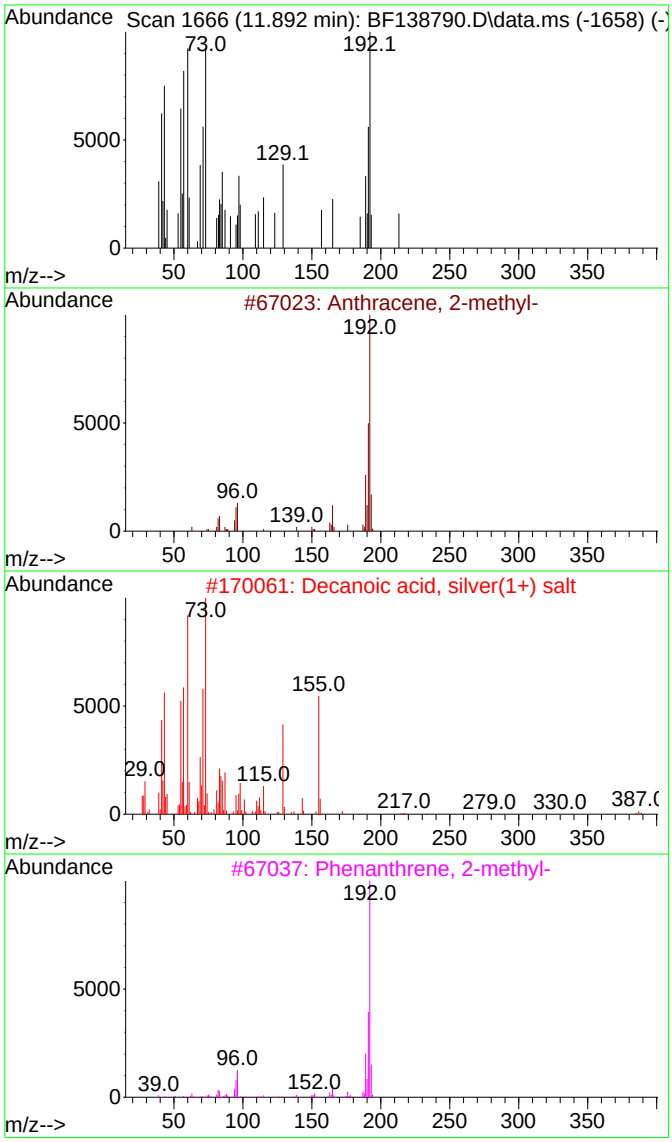
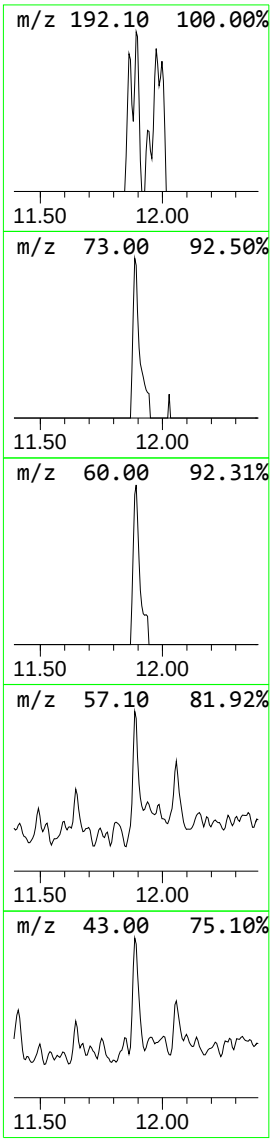
****

Peak Number 3 unknown11.892 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	2.01 ng	24337	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
2	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	35
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	25





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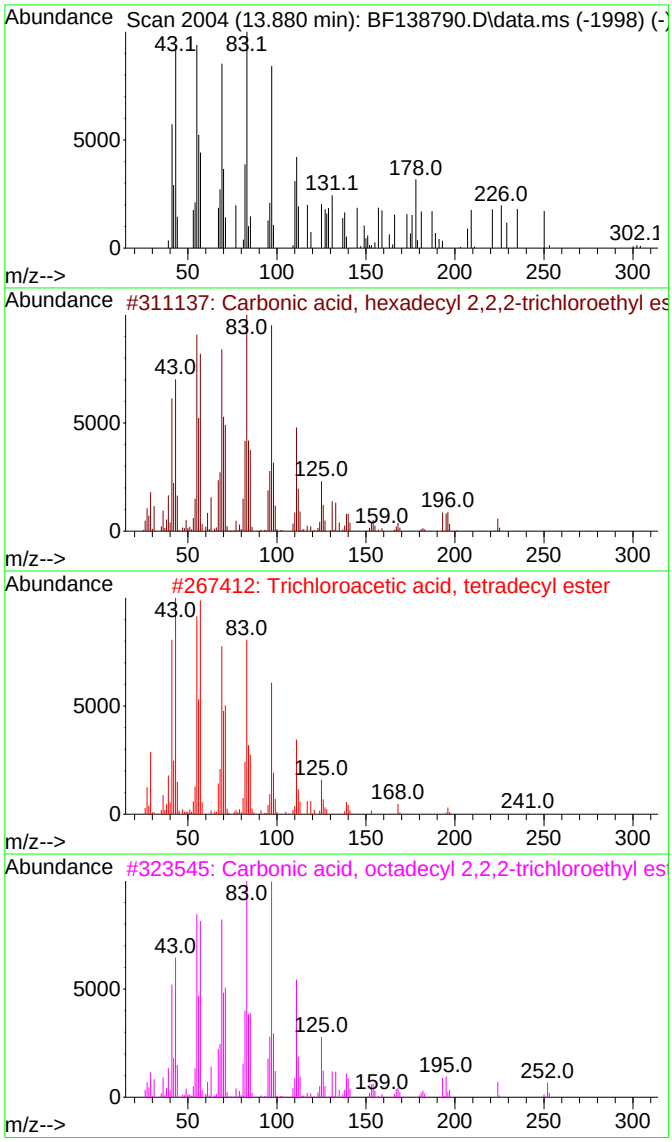
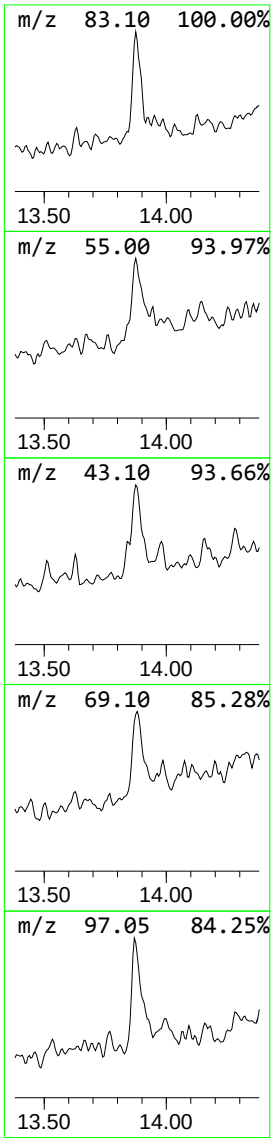
****
Peak Number 4 Carbonic acid, hexadecyl 2,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	2.30 ng	26853	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, hexadecyl 2,2,2-t...	416	C19H35Cl3O3	1000314-56-2	81
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	64
3	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	64
4	n-Pentadecanol	228	C15H32O	000629-76-5	59
5	Pentadec-7-ene, 7-bromomethyl-	302	C16H31Br	1000259-58-5	58





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST20.L
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.152	53.8	ng	697476	1	6.845	259535	20.0
2-Pentanone, 4-...	5.069	3.9	ng	50473	1	6.845	259535	20.0
unknown11.892	11.892	2.0	ng	24337	4	11.363	242180	20.0
Carbonic acid, ...	13.880	2.3	ng	26853	5	14.004	233756	20.0