LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125690.D
Acq On : 28 Sep 2021 15:51
Operator : JU/CG
Sample : M3961-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUB-SLAB-09(20.21)

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-BF092421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125690.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	9	18	23	rBV	1858490	2427035	40.08%	5.714%
2	5.504	576	581	585	rBV	4868889	5254871	86.78%	12.372%
3	6.510	746	752	755	rBV	4805687	5211884	86.07%	12.270%
4	6.887	812	816	819	rBV	1540708	1203350	19.87%	2.833%
5	6.945	822	826	835	rBV	87040	87588	1.45%	0.206%
6	7.445	906	911	914	rBV	3721943	3333825	55.06%	7.849%
7	8.069	1013	1017	1020	rBV	1829050	1451748	23.98%	3.418%
8	8.169	1030	1034	1037	rVB	1934615	1638510	27.06%	3.858%
9	9.245	1212	1217	1220	rBV	6662075	6055176	100.00%	14.256%
10	9.516	1258	1263	1272	rBV	133898	123663	2.04%	0.291%
11	9.922	1328	1332	1335	rBV	2339324	1832379	30.26%	4.314%
12	10.328	1398	1401	1404	rBV	99649	104712	1.73%	0.247%
13	10.710	1461	1466	1469	rBV	3956046	3713162	61.32%	8.742%
14	11.404	1580	1584	1587	rBV	2217847	1772207	29.27%	4.172%
15	11.798	1648	1651	1654	rBV	123813	92907	1.53%	0.219%
16	11.927	1665	1673	1678	rBV	291977	314784	5.20%	0.741%
17	12.710	1803	1806	1818	rBV2	72598	103315	1.71%	0.243%
18	12.992	1849	1854	1857	rBV	5912175	5206564	85.99%	12.258%
19	13.892	2002	2007	2016	rBV3	85029	159487	2.63%	0.375%
20	14.039	2027	2032	2036	rBV	1439599	1231465	20.34%	2.899%
21	15.515	2277	2283	2288	rBV	949196	1156974	19.11%	2.724%

Sum of corrected areas: 42475606

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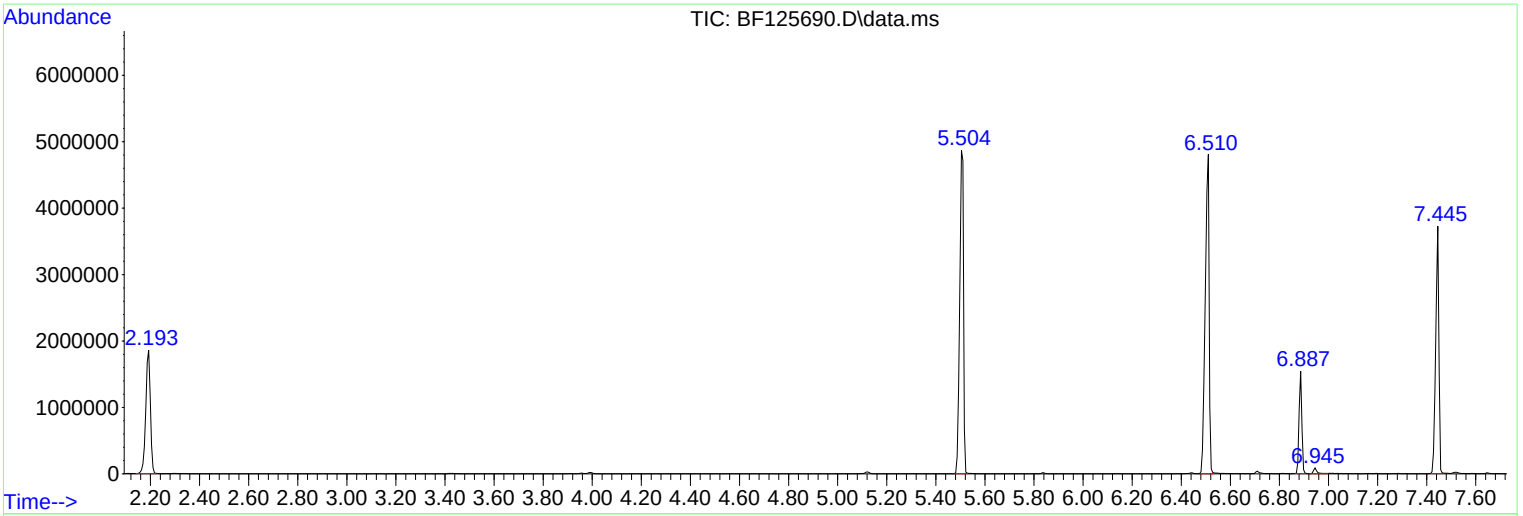
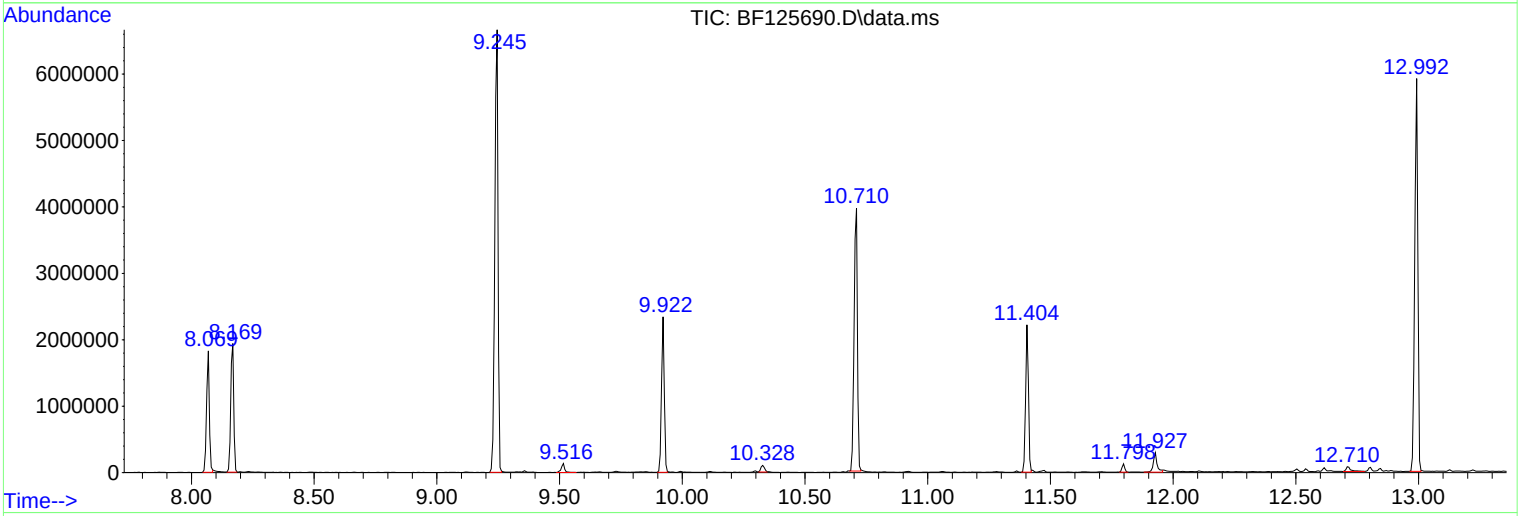
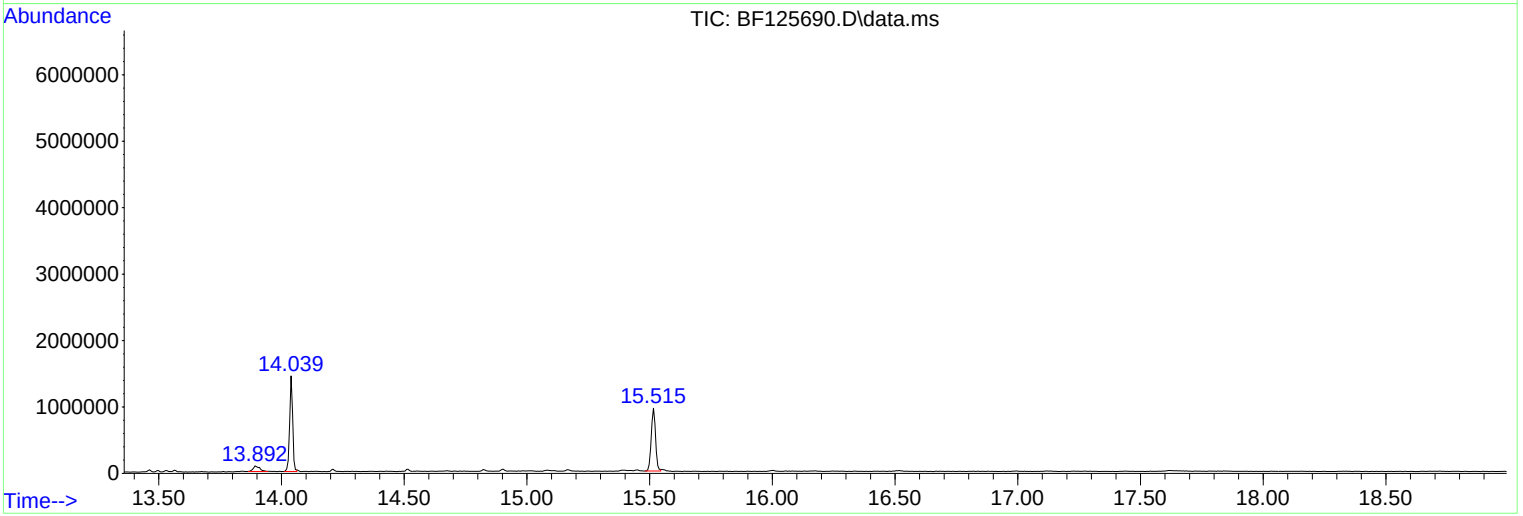
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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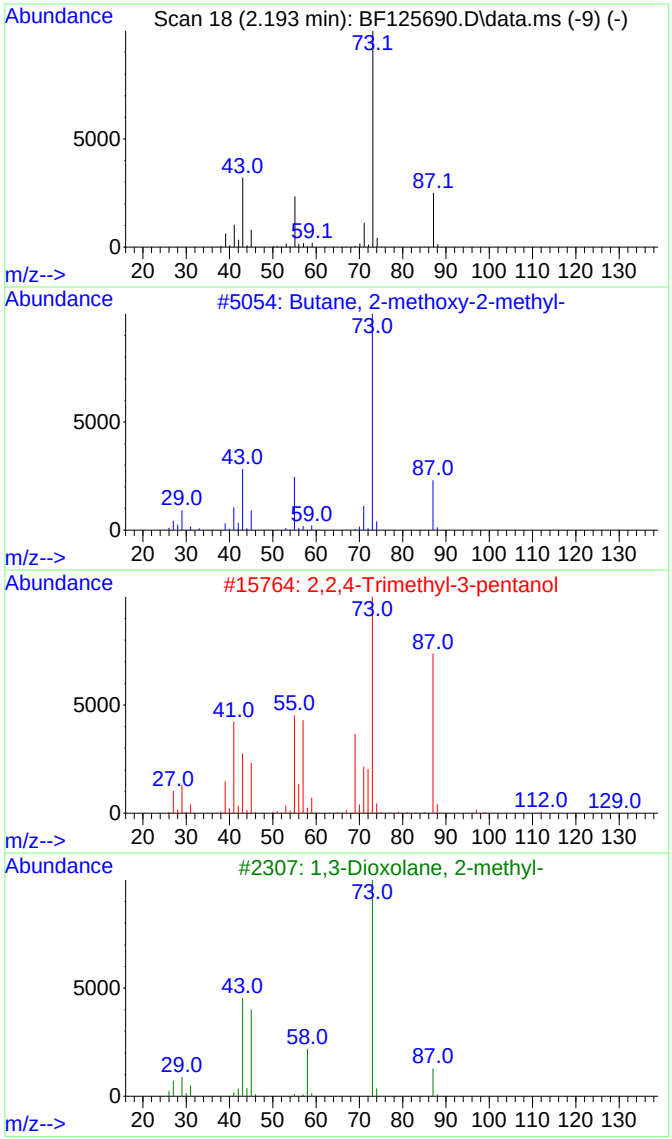
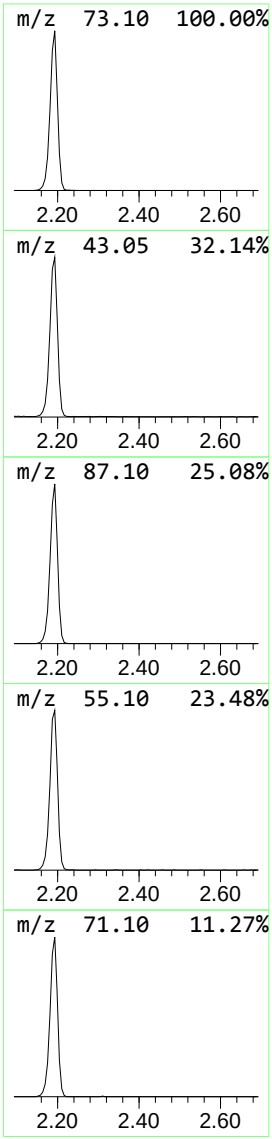
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.193	40.34 ng	2427040	1,4-Dichlorobenzene-d4	6.887

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





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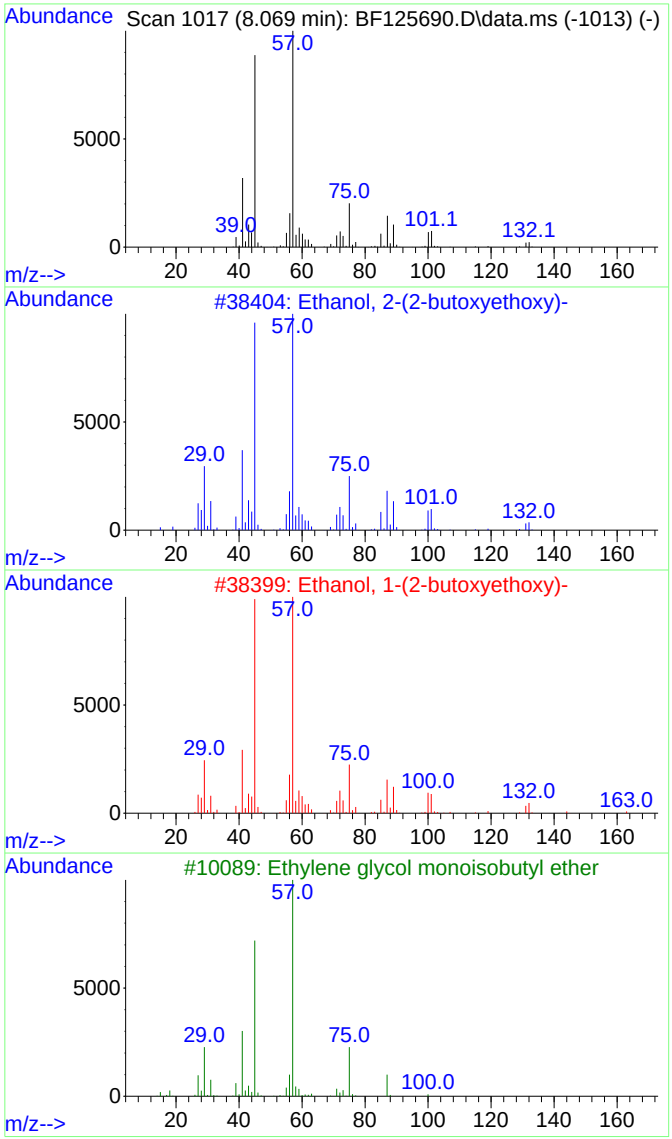
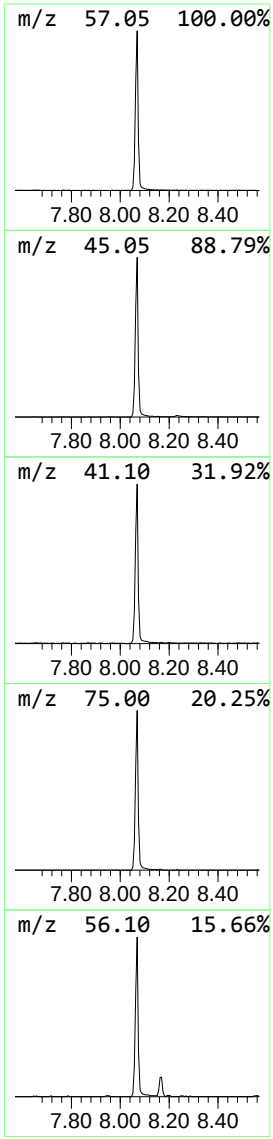
****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.069	17.72 ng	1451750	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	59
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56





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Instrument : BNA_F
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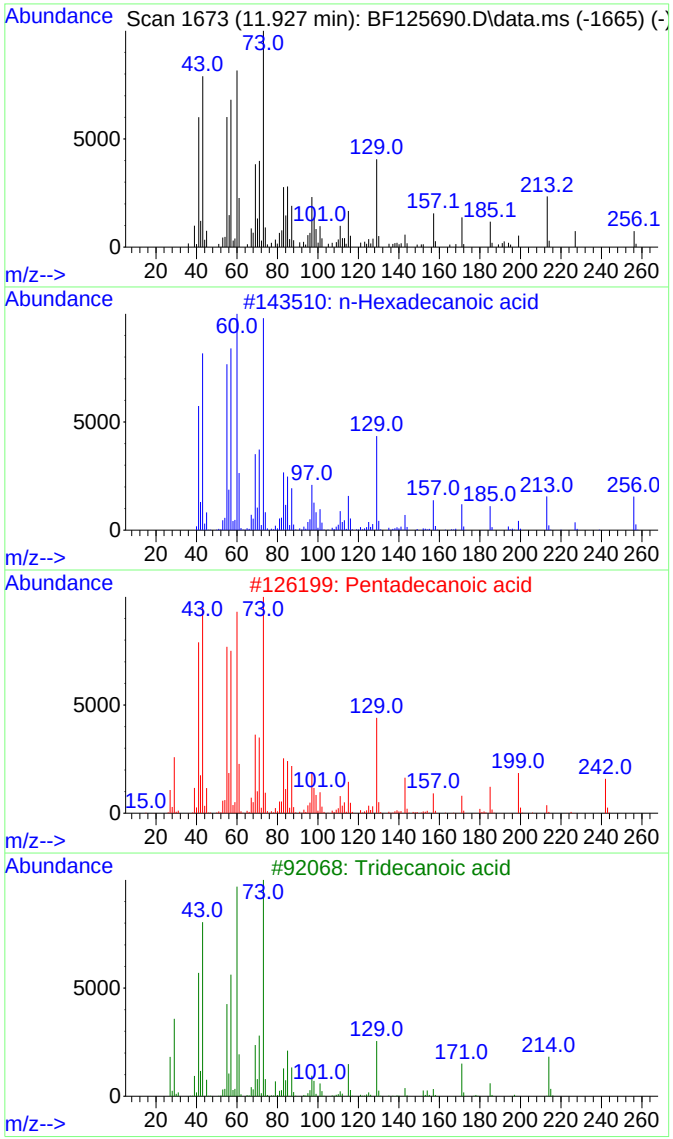
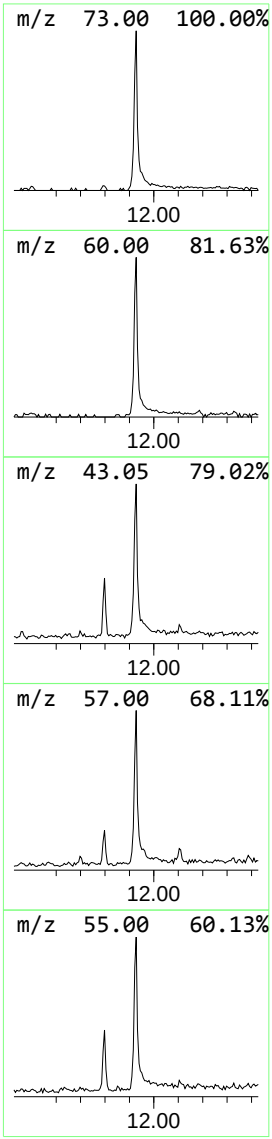
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	3.55 ng	314784	Phenanthrene-d10	11.404

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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	55
5	Nonanoic acid	158	C9H18O2	000112-05-0	38





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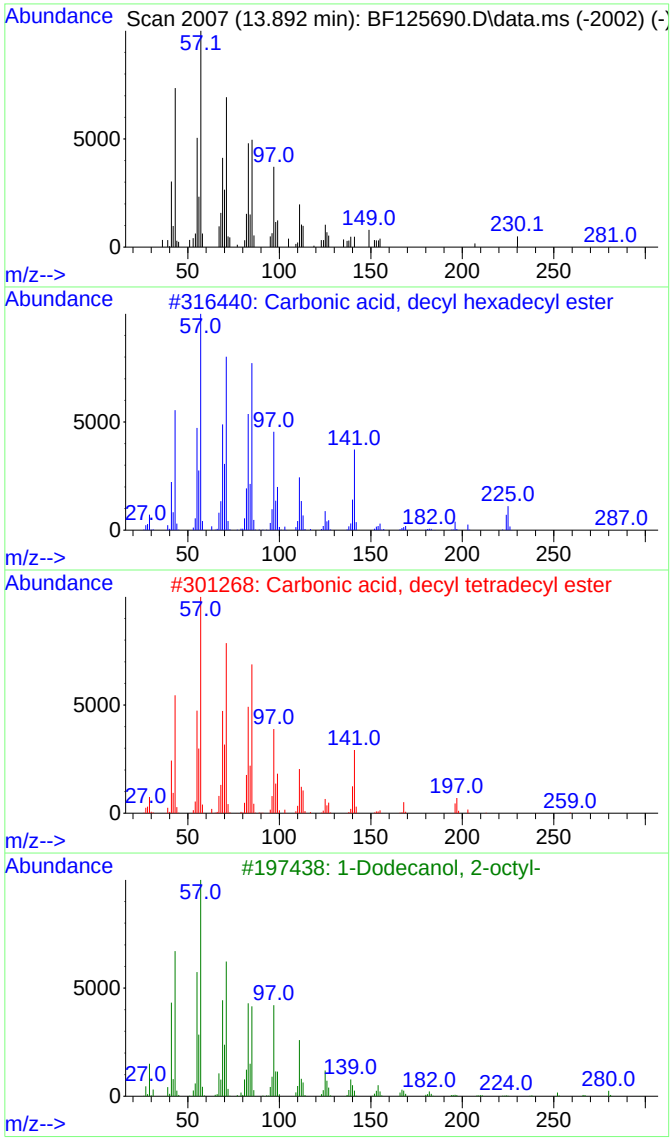
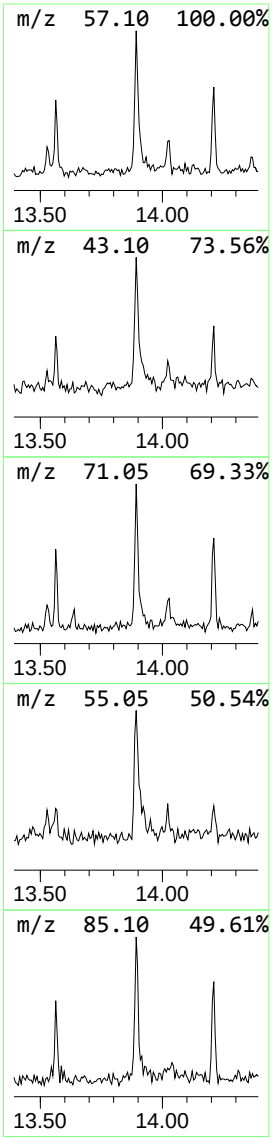
****
Peak Number 4 Carbonic acid, decyl hexade... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	2.59 ng	159487	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, decyl hexadecyl e...	426	C27H54O3	1000383-16-5	91
2	Carbonic acid, decyl tetradecyl ...	398	C25H50O3	1010383-16-3	91
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
4	Isobutyl tetracosyl ether	410	C28H58O	1000406-33-2	90
5	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.193	40.3	ng	2427040	1	6.887	1203350	20.0
Ethanol, 2-(2-b...	8.069	17.7	ng	1451750	2	8.169	1638510	20.0
n-Hexadecanoic ...	11.927	3.5	ng	314784	4	11.404	1772210	20.0
Carbonic acid, ...	13.892	2.6	ng	159487	5	14.039	1231470	20.0