LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140882.D
Acq On : 17 Dec 2024 13:53
Operator : RC/JU
Sample : P5239-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

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-BF121624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140882.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	6	23	rVB	947761	1462485	100.00%	14.462%
2	5.492	573	578	602	rBV	575827	914845	62.55%	9.047%
3	6.492	743	748	775	rBV	640689	969378	66.28%	9.586%
4	6.851	804	809	819	rBV	215869	283920	19.41%	2.808%
5	7.410	899	904	917	rBV	461575	615685	42.10%	6.088%
6	7.669	943	948	960	rBV	16874	26427	1.81%	0.261%
7	8.128	1021	1026	1044	rBV	284063	361748	24.74%	3.577%
8	9.198	1203	1208	1219	rBV	978096	1212807	82.93%	11.993%
9	9.880	1319	1324	1334	rBV	331229	414152	28.32%	4.095%
10	10.592	1441	1445	1454	rBV	115947	145079	9.92%	1.435%
11	10.674	1454	1459	1471	rBV	590087	776623	53.10%	7.680%
12	10.904	1493	1498	1506	rVB	10909	15429	1.05%	0.153%
13	11.369	1572	1577	1585	rBV	336550	445660	30.47%	4.407%
14	11.892	1661	1666	1686	rBV2	78965	143782	9.83%	1.422%
15	12.133	1703	1707	1714	rVB	17082	21095	1.44%	0.209%
16	12.674	1795	1799	1811	rBV4	10871	21856	1.49%	0.216%
17	12.951	1841	1846	1857	rVB	967942	1215457	83.11%	12.020%
18	13.510	1937	1941	1949	rBV	10860	14963	1.02%	0.148%
19	13.845	1993	1998	2017	rBV4	29294	90227	6.17%	0.892%
20	14.021	2023	2028	2037	rVB	302495	399820	27.34%	3.954%
21	14.157	2047	2051	2057	rBV	16030	21306	1.46%	0.211%
22	14.468	2100	2104	2110	rBV	18727	25002	1.71%	0.247%
23	14.774	2151	2156	2162	rBV2	25736	42659	2.92%	0.422%
24	15.109	2209	2213	2218	rVB	14205	20847	1.43%	0.206%
25	15.509	2274	2281	2297	rVB	253642	434312	29.70%	4.295%
26	15.921	2347	2351	2357	rBV2	10274	16807	1.15%	0.166%

Sum of corrected areas: 10112371

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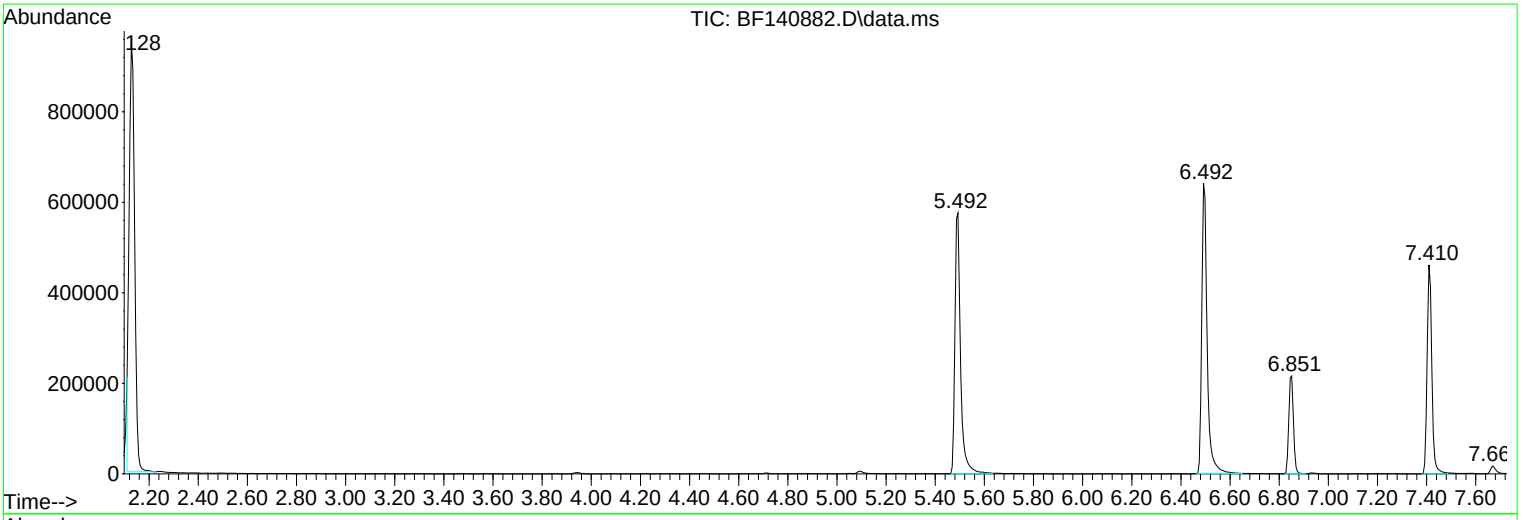
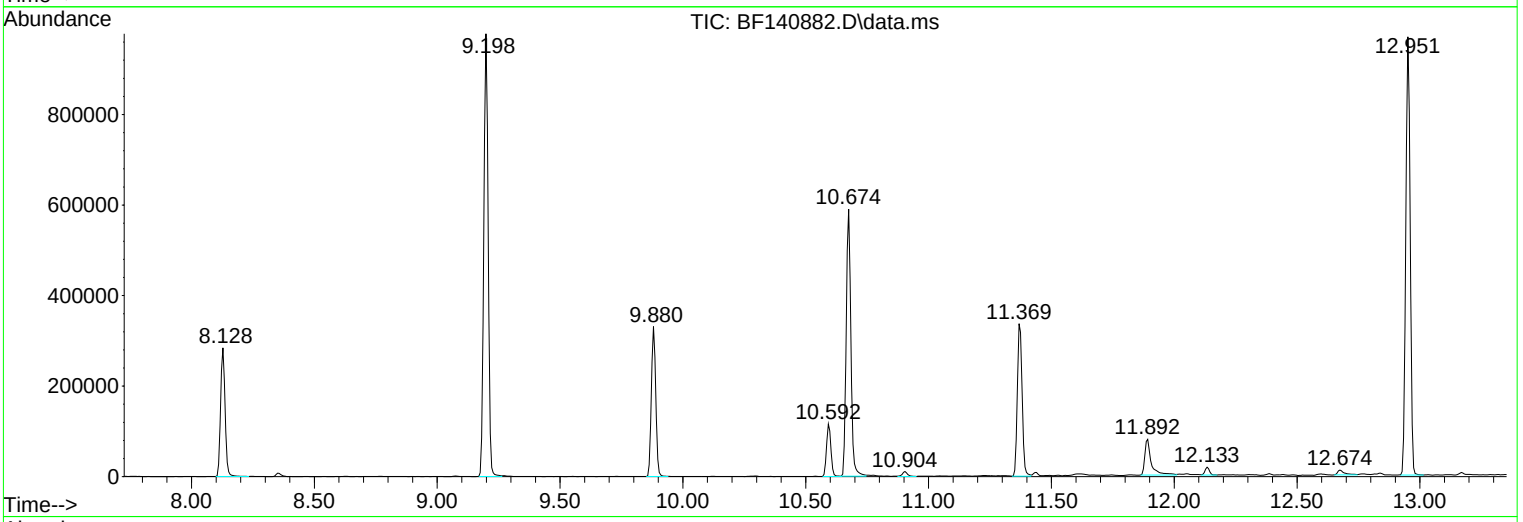
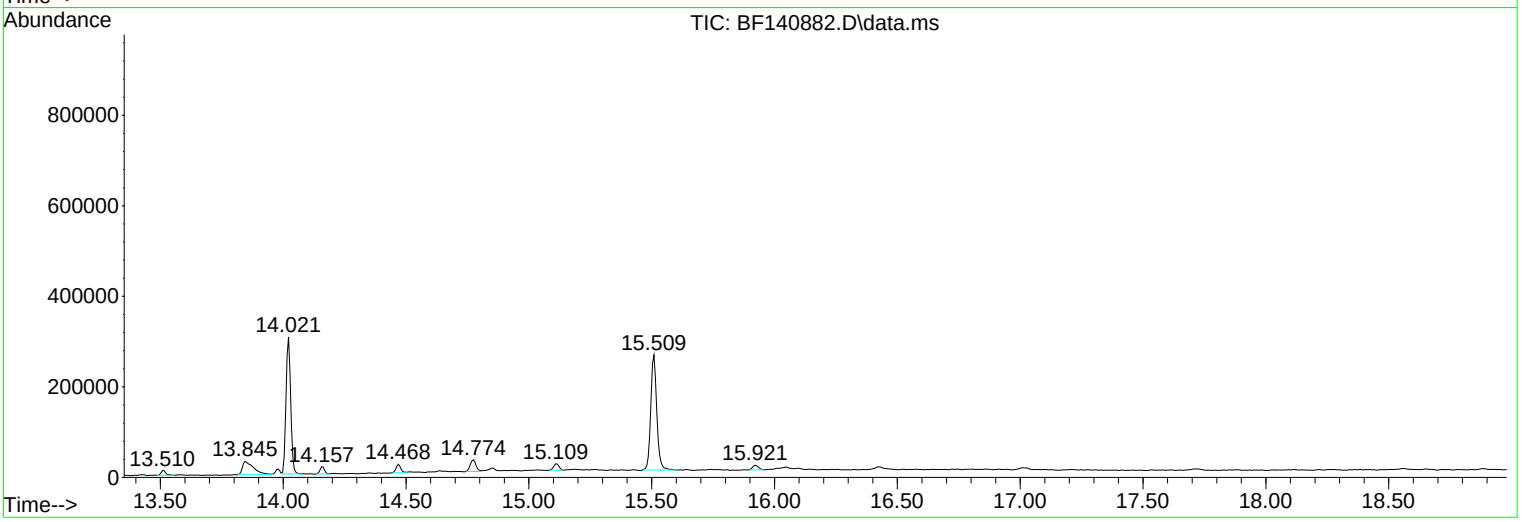
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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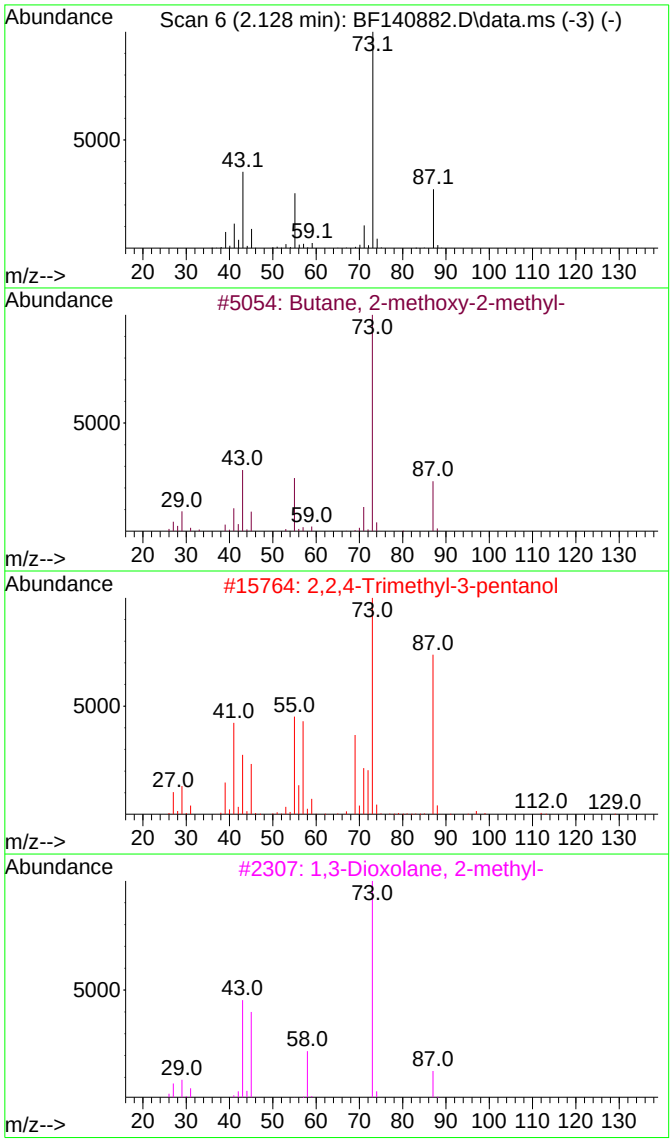
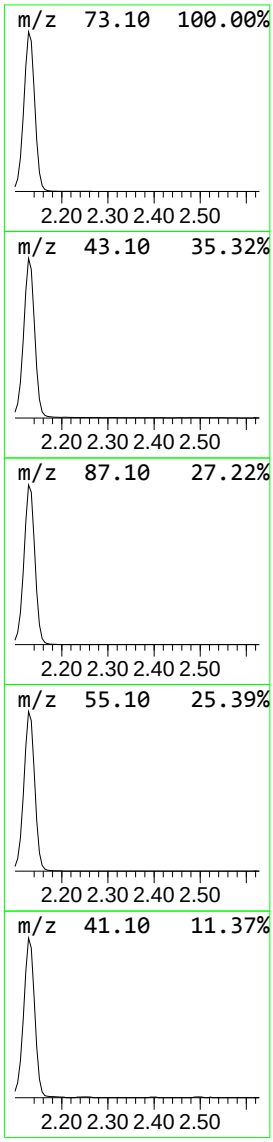
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	103.02 ng	1462490	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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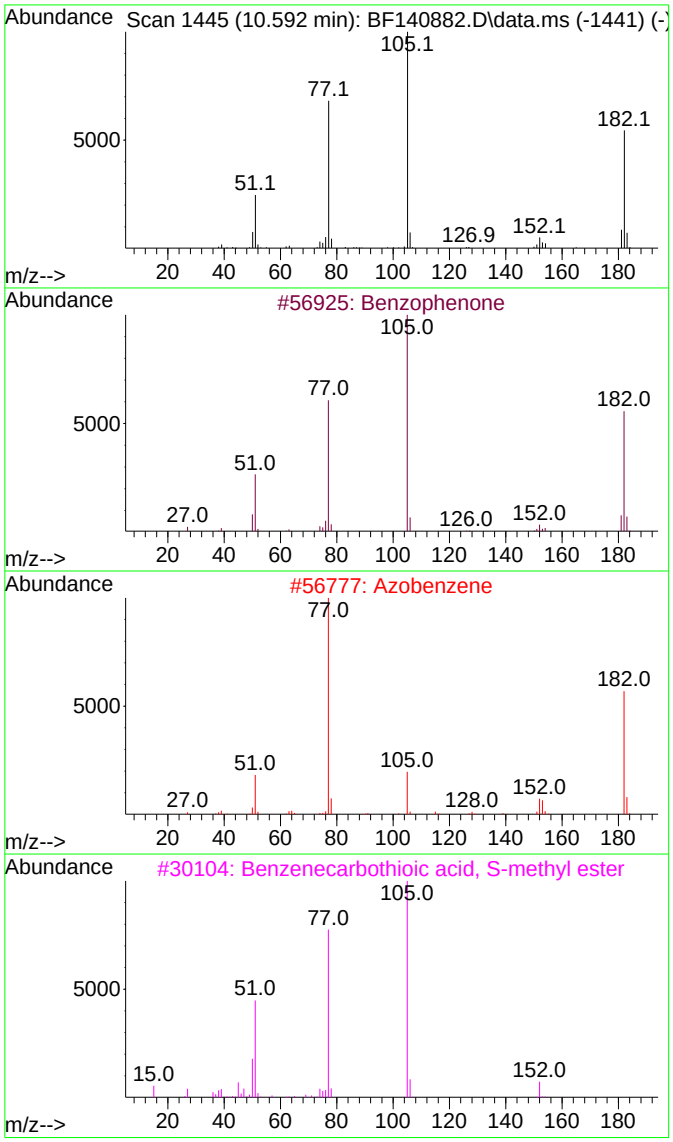
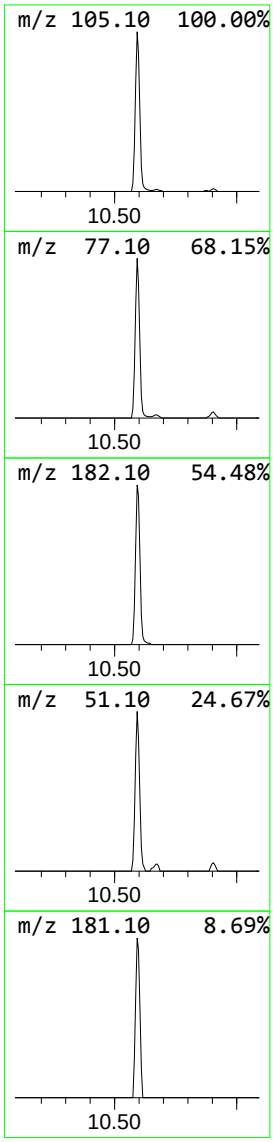
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	7.01 ng	145079	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
4	5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47





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Sample : P5239-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
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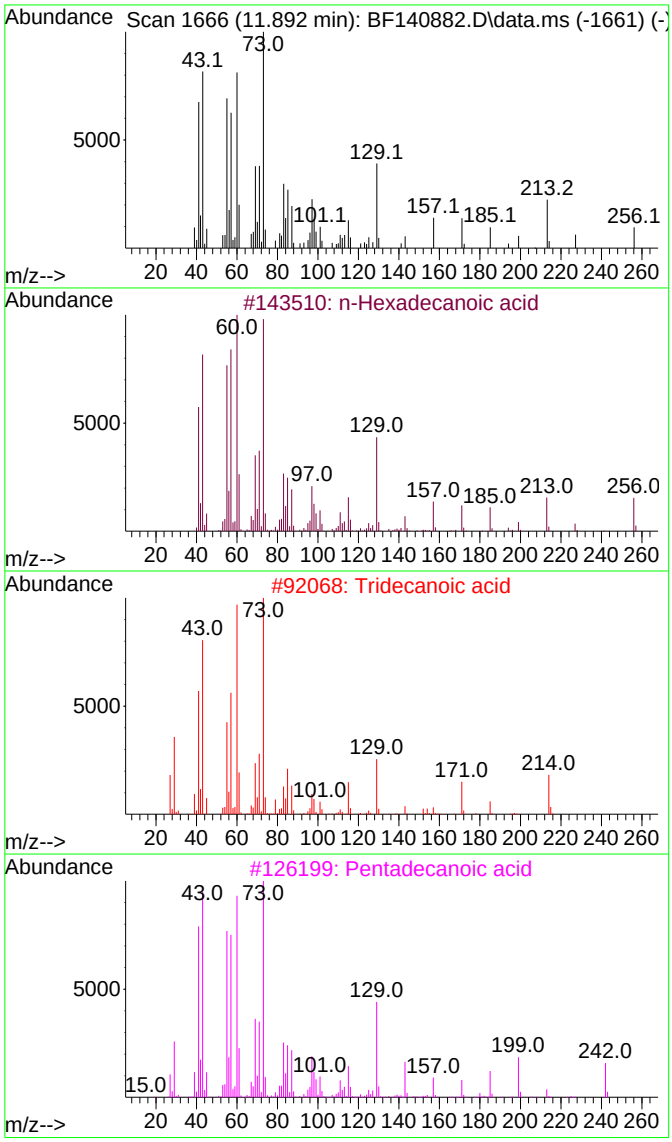
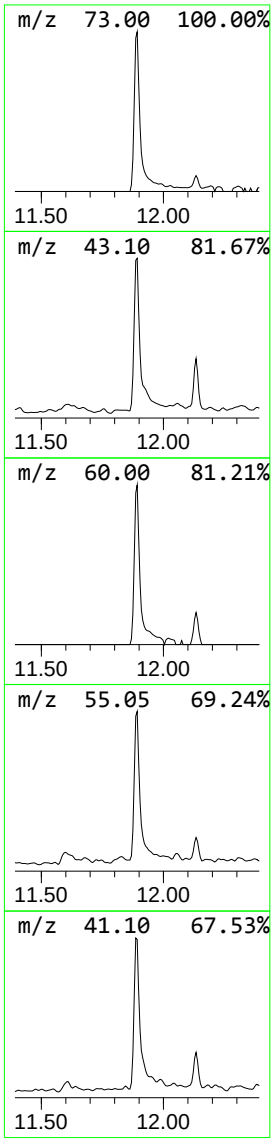
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	6.45 ng	143782	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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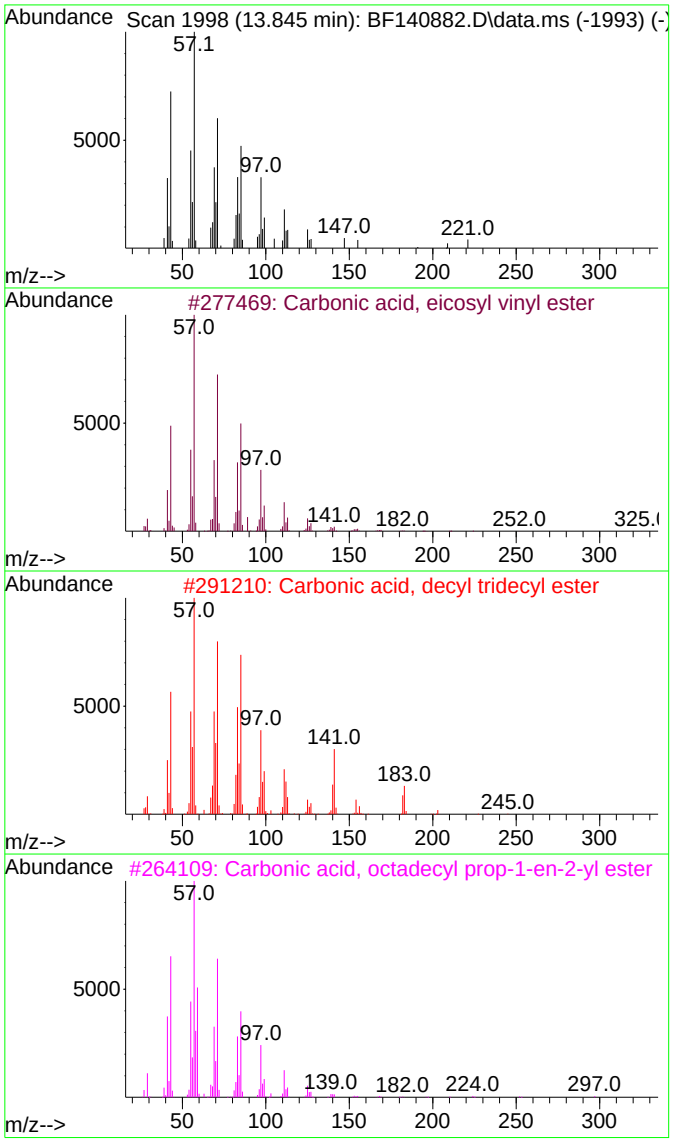
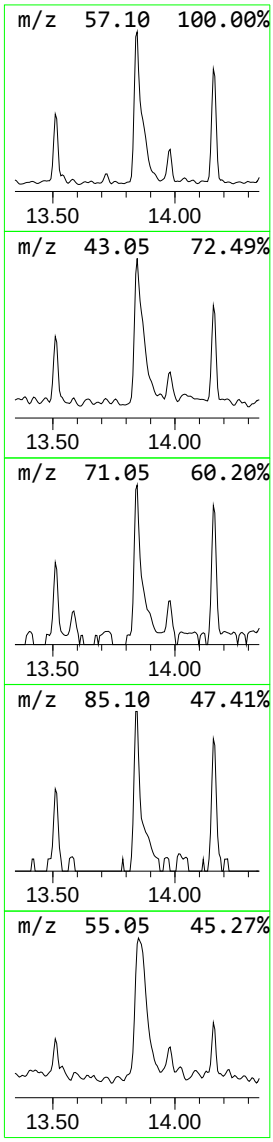
Peak Number 4 Carbonic acid, eicosyl viny... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	4.51 ng	90227	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
2	Carbonic acid, decyl tridecyl ester	384	C24H48O3	1000383-16-2	91
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
4	Carbonic acid, decyl dodecyl ester	370	C23H46O3	1000383-16-1	91
5	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	91





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...	2.128	103.0	ng	1462490	1	6.851	283920	20.0
Benzophenone	10.592	7.0	ng	145079	3	9.880	414152	20.0
n-Hexadecanoic ...	11.892	6.5	ng	143782	4	11.369	445660	20.0
Carbonic acid, ...	13.845	4.5	ng	90227	5	14.021	399820	20.0