LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134226.D
Acq On : 11 Jul 2023 22:28
Operator : CG\JU
Sample : 03412-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUCT-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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134226.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	24	rVB	1105246	1448109	54.36%	7.672%
2	2.252	24	28	37	rVB	34358	50263	1.89%	0.266%
3	5.087	507	510	520	rBV	70711	90833	3.41%	0.481%
4	5.475	572	576	597	rBV	2263529	2263104	84.96%	11.990%
5	6.481	742	747	763	rBV	2265702	2272378	85.30%	12.039%
6	6.840	805	808	818	rBV	868271	742318	27.87%	3.933%
7	7.404	900	904	907	rBV	1610048	1440894	54.09%	7.634%
8	8.122	1022	1026	1034	rBV	1193147	946811	35.54%	5.016%
9	9.198	1205	1209	1212	rBV	3137470	2663878	100.00%	14.114%
10	9.881	1321	1325	1328	rBV	1207141	961358	36.09%	5.093%
11	10.598	1443	1447	1453	rBV	210893	177883	6.68%	0.942%
12	10.675	1456	1460	1471	rBV	1655321	1504496	56.48%	7.971%
13	11.375	1575	1579	1586	rBV	1034727	900017	33.79%	4.768%
14	11.904	1666	1669	1673	rBV	229827	211463	7.94%	1.120%
15	12.698	1801	1804	1806	rBV3	34976	35489	1.33%	0.188%
16	12.827	1823	1826	1831	rBV2	30204	44374	1.67%	0.235%
17	12.969	1846	1850	1854	rBV	2035318	1930457	72.47%	10.228%
18	13.204	1887	1890	1893	rBV3	30651	32261	1.21%	0.171%
19	14.033	2028	2031	2037	rBV	603066	583923	21.92%	3.094%
20	15.545	2283	2288	2296	rVB	405048	574204	21.56%	3.042%

Sum of corrected areas: 18874513

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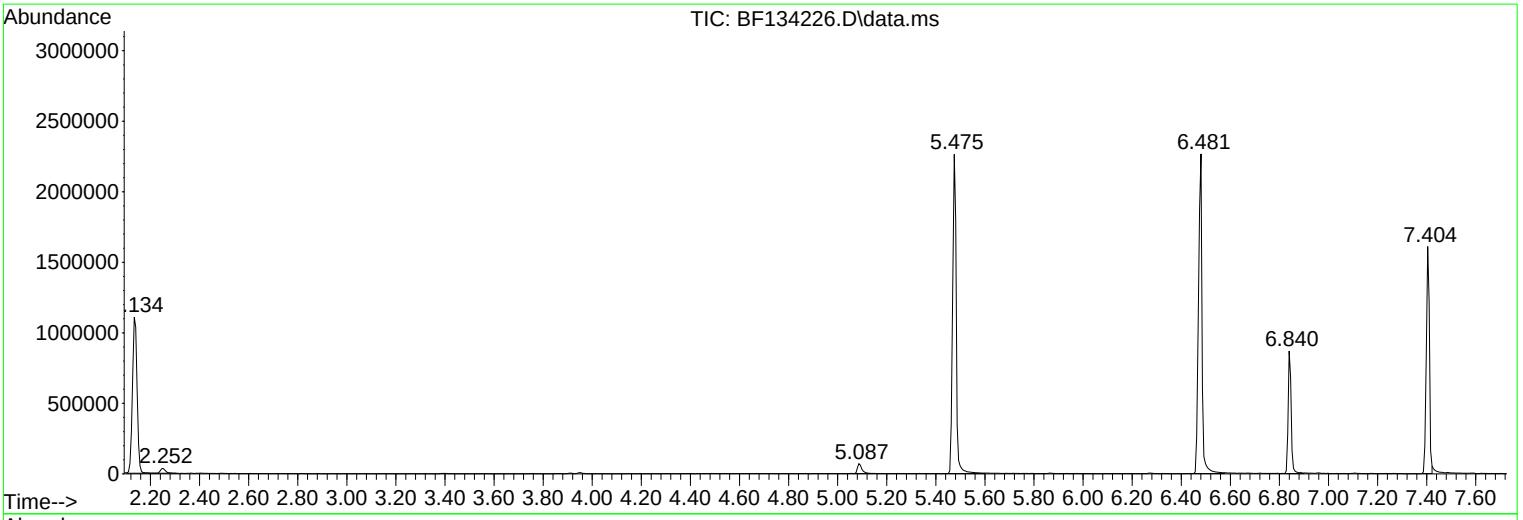
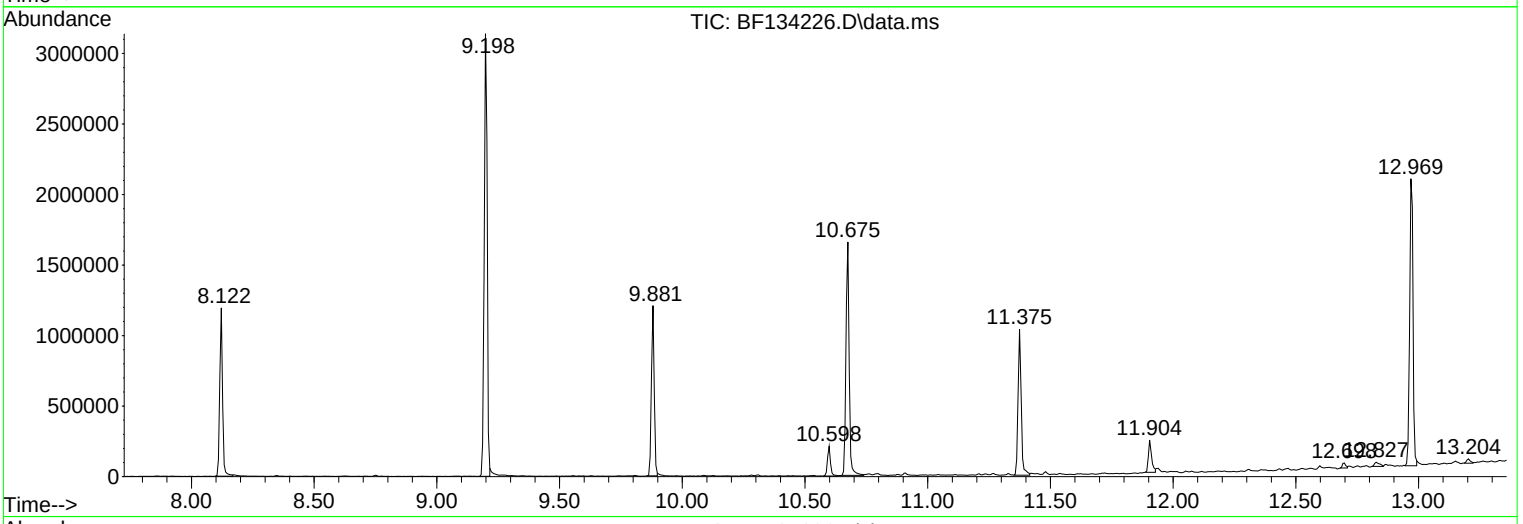
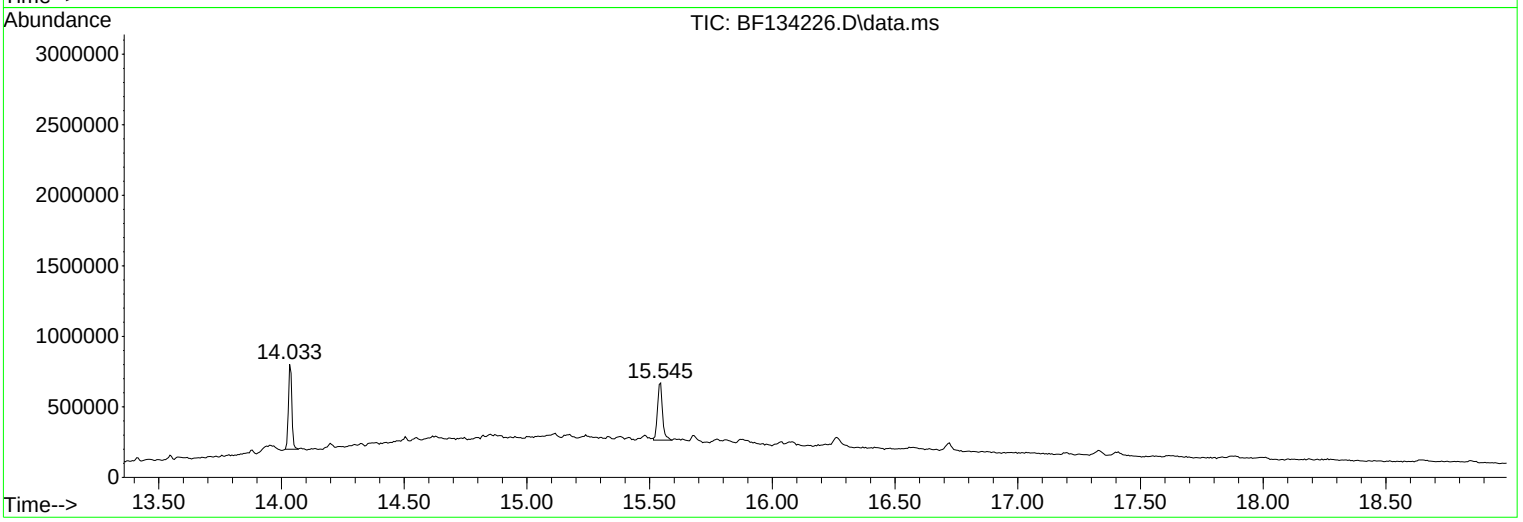
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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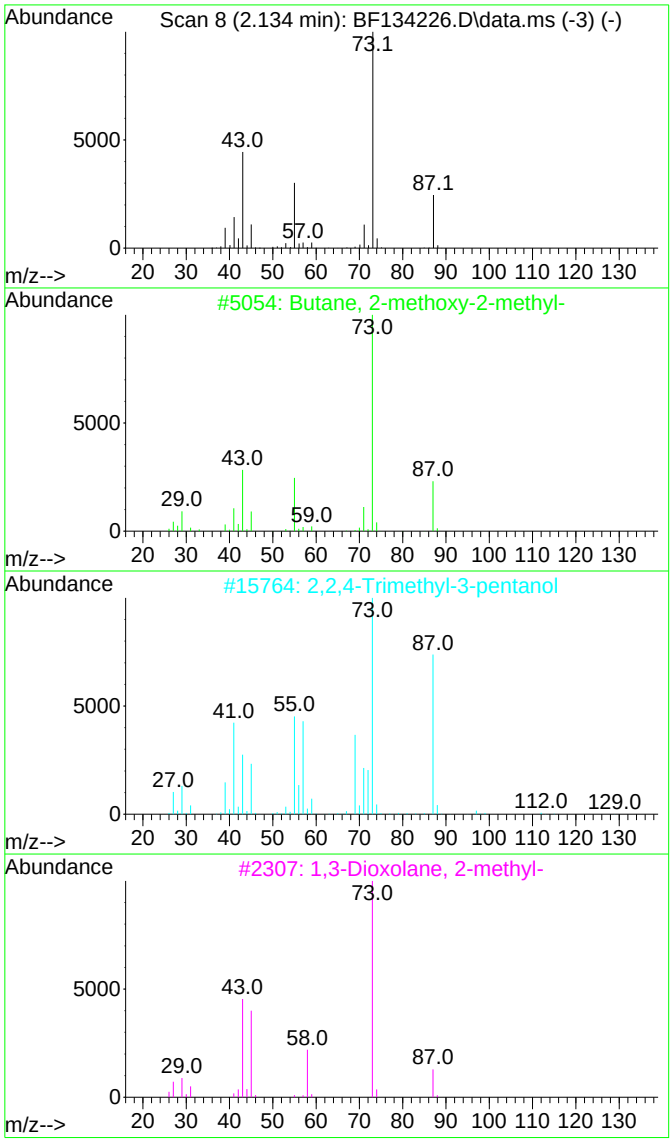
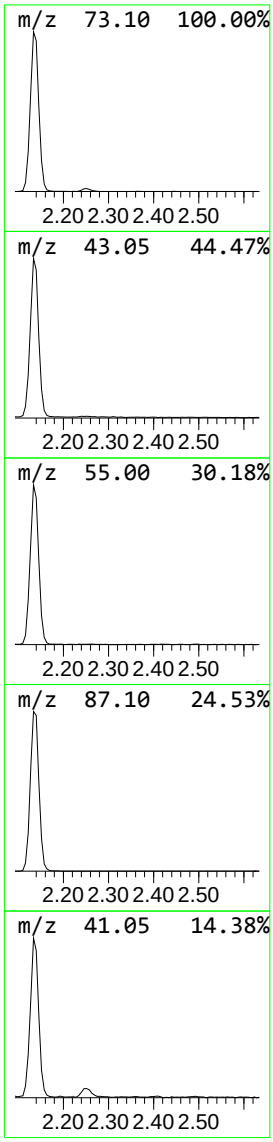
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	39.02 ng	1448110	1,4-Dichlorobenzene-d4	6.840

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	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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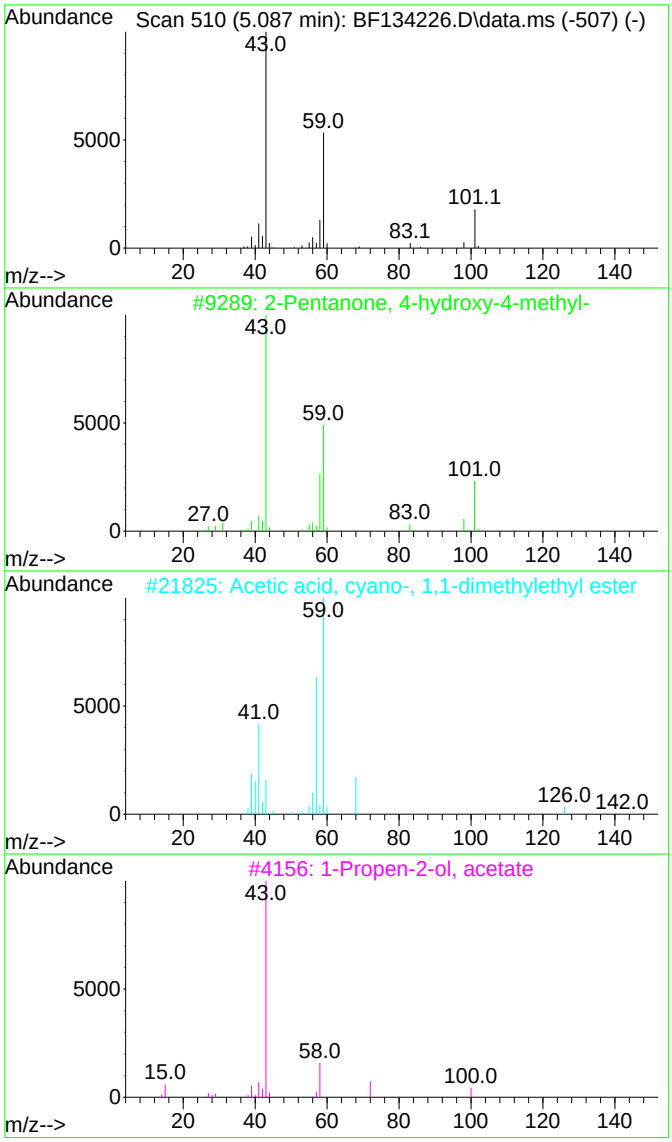
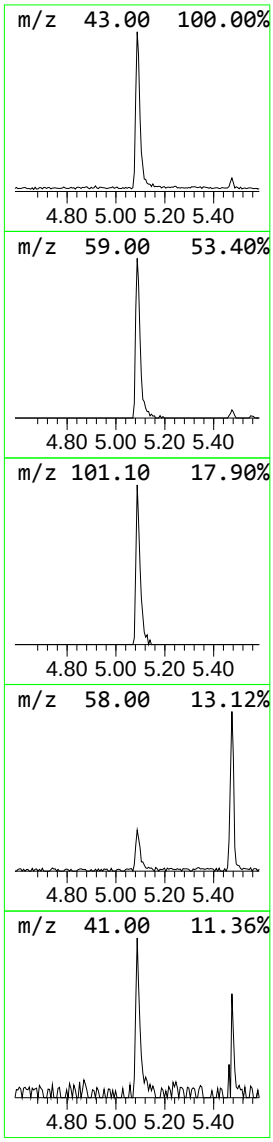
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	2.45 ng	90833	1,4-Dichlorobenzene-d4	6.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane	58	C4H10	000106-97-8	9





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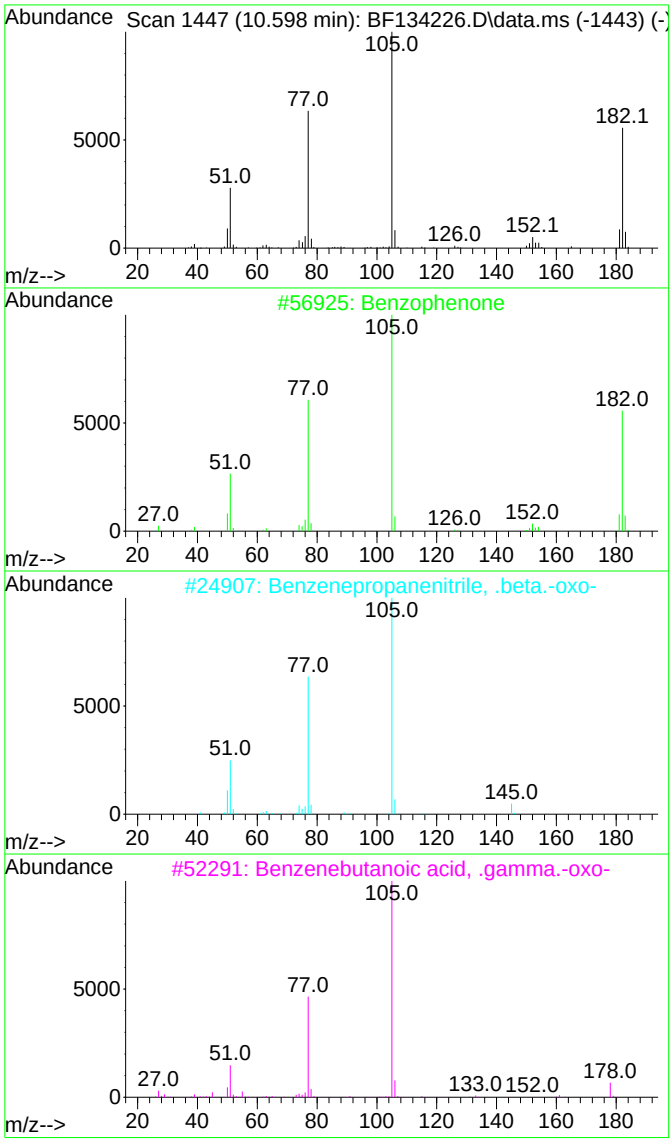
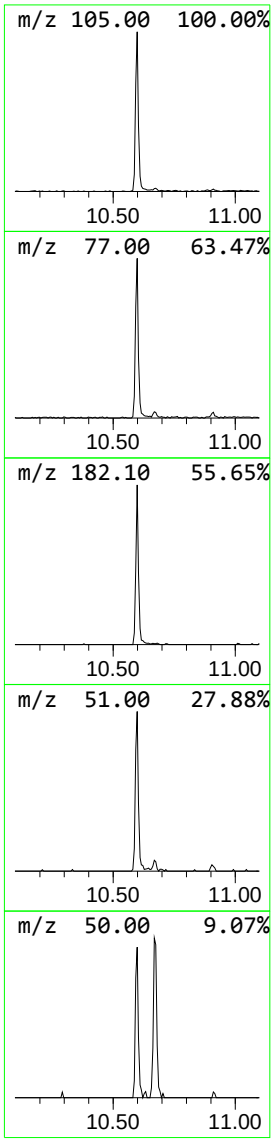
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	3.70 ng	177883	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	52
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
4	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	50
5	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	50





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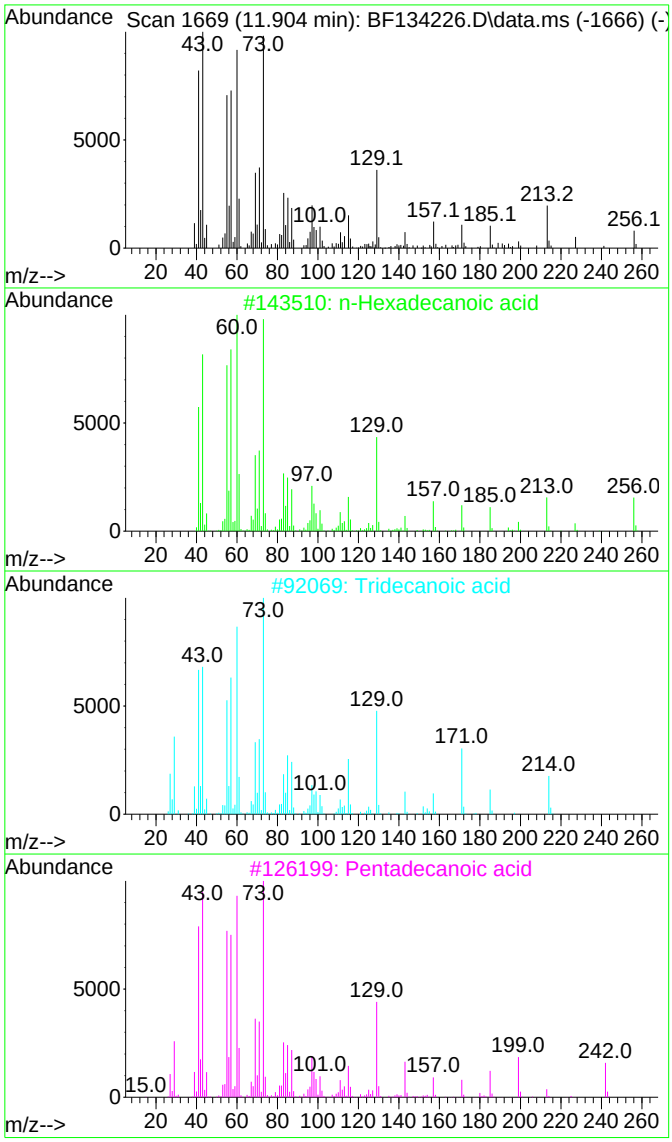
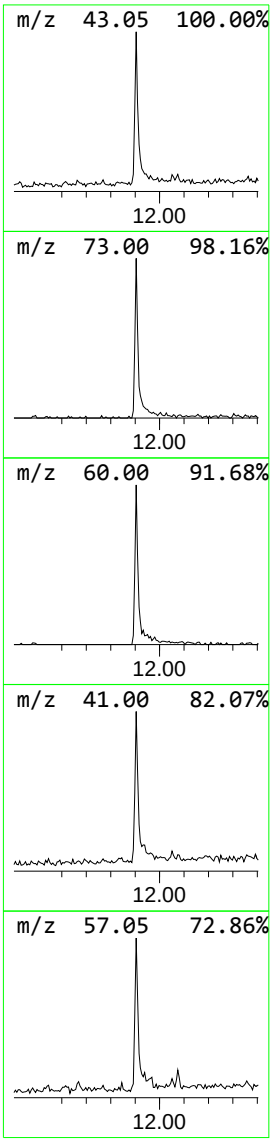
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	4.70 ng	211463	Phenanthrene-d10	11.374

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	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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...	2.134	39.0	ng	1448110	1	6.840	742318	20.0
2-Pentanone, 4-...	5.087	2.5	ng	90833	1	6.840	742318	20.0
Benzophenone	10.598	3.7	ng	177883	3	9.881	961358	20.0
n-Hexadecanoic ...	11.904	4.7	ng	211463	4	11.374	900017	20.0