LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134227.D
Acq On : 11 Jul 2023 23:01
Operator : CG\JU
Sample : 03412-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUCT-2

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: BF134227.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	8	16	26	rVB	735018	1031010	34.88%	5.328%
2	2.299	32	36	43	rVB	23230	33468	1.13%	0.173%
3	5.104	507	513	522	rBV	60731	87202	2.95%	0.451%
4	5.487	573	578	581	rBV	2569352	2529058	85.56%	13.070%
5	6.481	742	747	750	rBV	2446370	2555164	86.44%	13.205%
6	6.845	805	809	824	rBV	734615	679737	23.00%	3.513%
7	7.410	900	905	908	rBV	1760814	1687749	57.10%	8.722%
8	8.122	1022	1026	1038	rBV	1064492	846472	28.64%	4.375%
9	9.198	1205	1209	1213	rBV	3324066	2955861	100.00%	15.276%
10	9.880	1321	1325	1328	rBV	1046695	848502	28.71%	4.385%
11	10.598	1440	1447	1453	rBV	129716	117177	3.96%	0.606%
12	10.674	1456	1460	1471	rBV	1809308	1648459	55.77%	8.519%
13	11.374	1575	1579	1589	rBV	859706	763023	25.81%	3.943%
14	11.904	1666	1669	1674	rBV	140430	144596	4.89%	0.747%
15	12.598	1784	1787	1791	rBV	27184	31918	1.08%	0.165%
16	12.698	1801	1804	1808	rBV6	25289	36353	1.23%	0.188%
17	12.974	1846	1851	1854	rBV	2283786	2119028	71.69%	10.951%
18	13.545	1945	1948	1951	rBV	42610	43000	1.45%	0.222%
19	13.880	2002	2005	2009	rVB2	35211	32978	1.12%	0.170%
20	14.033	2028	2031	2037	rVB	554142	538819	18.23%	2.785%
21	14.198	2057	2059	2064	rVB	46682	40948	1.39%	0.212%
22	14.504	2109	2111	2114	rBV	39246	33838	1.14%	0.175%
23	15.539	2283	2287	2302	rVB	354332	545151	18.44%	2.817%

Sum of corrected areas: 19349511

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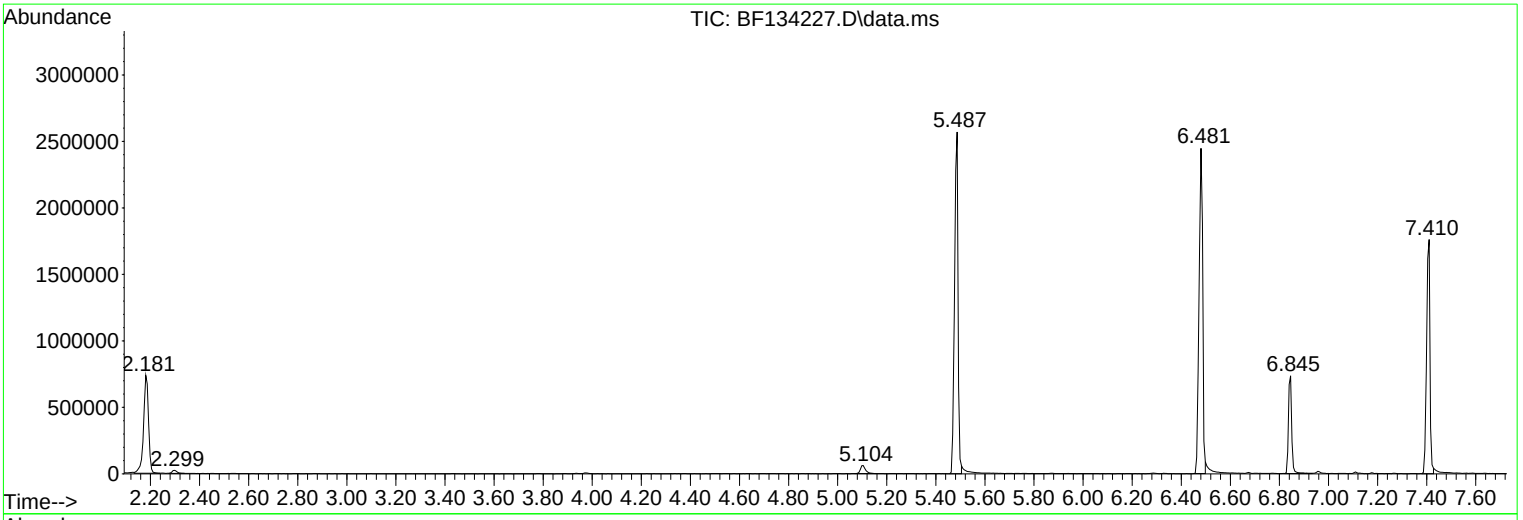
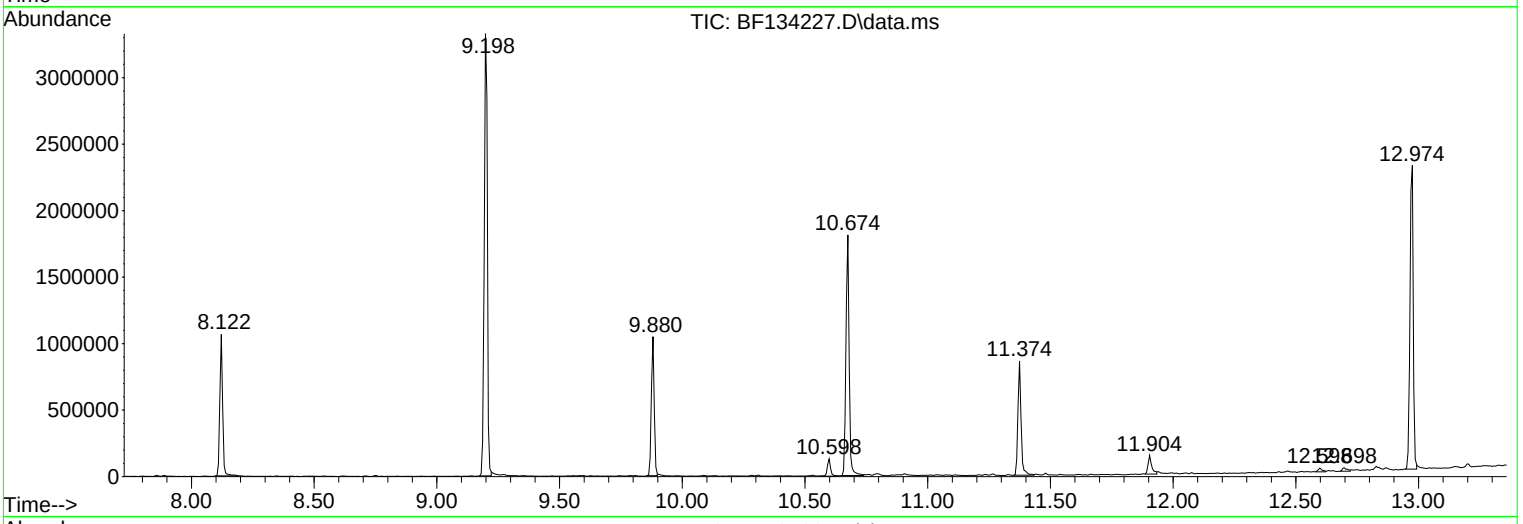
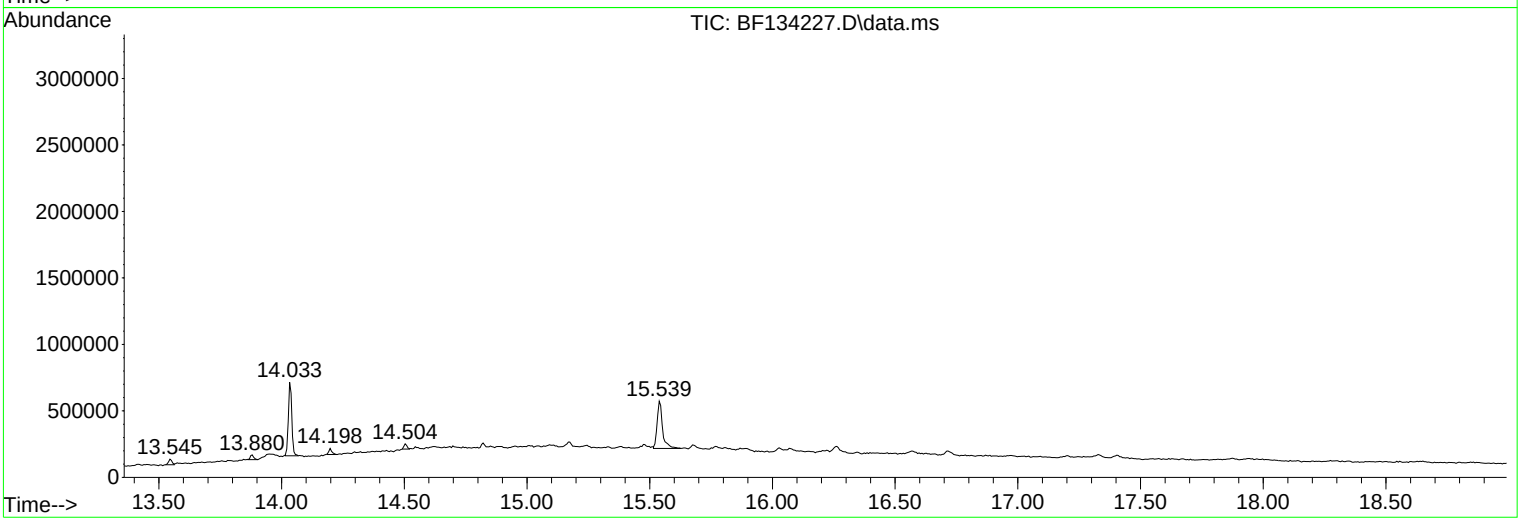
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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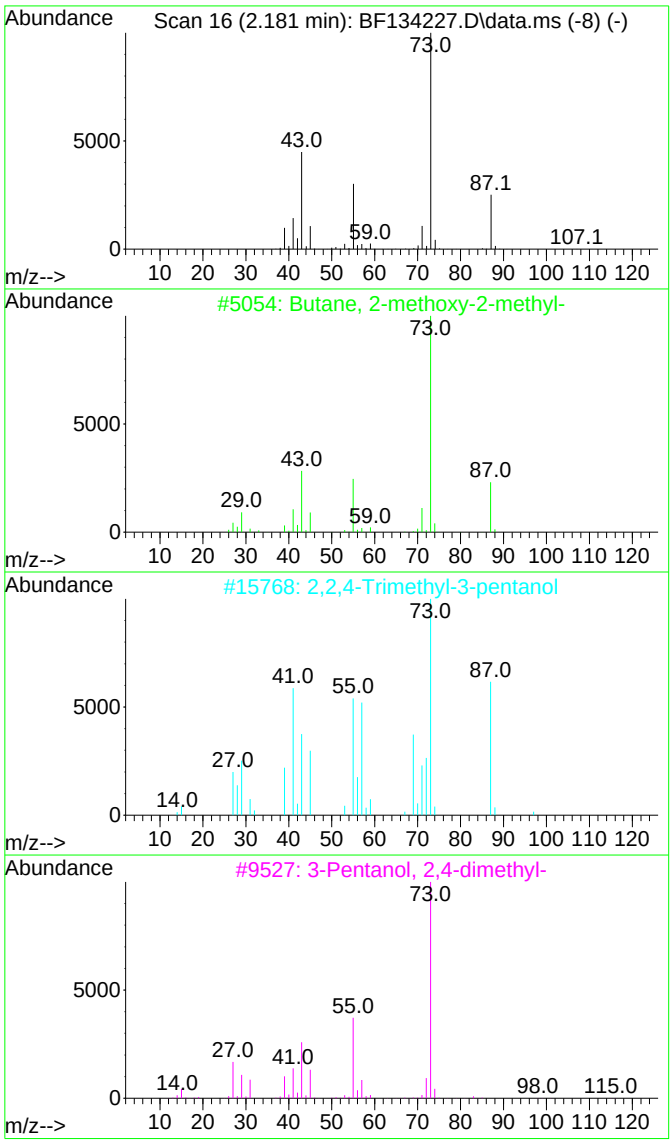
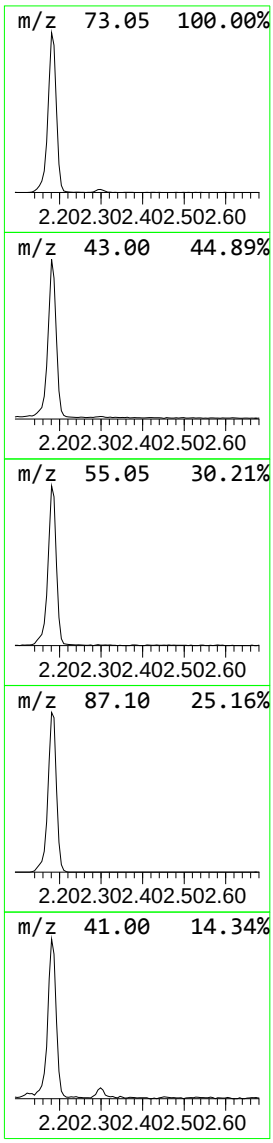
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.181	30.34 ng	1031010	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	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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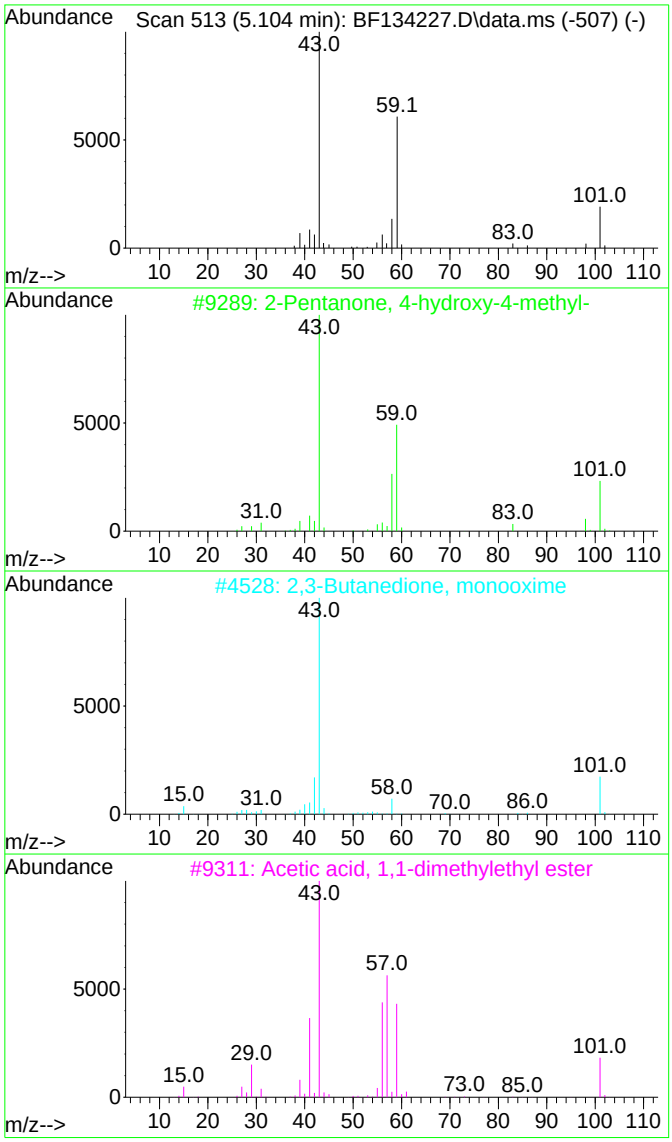
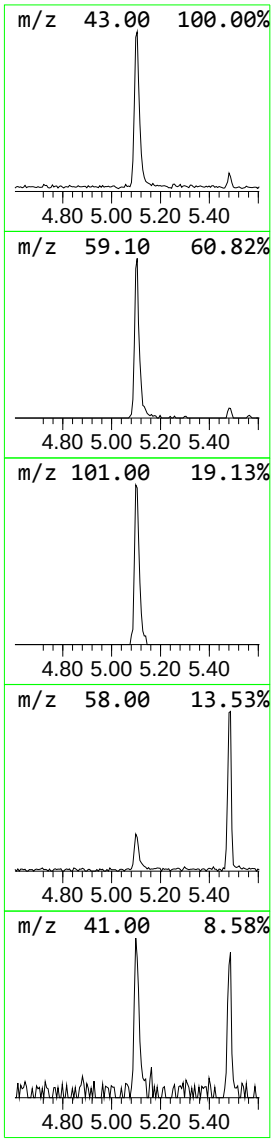
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	2.57 ng	87202	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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	43
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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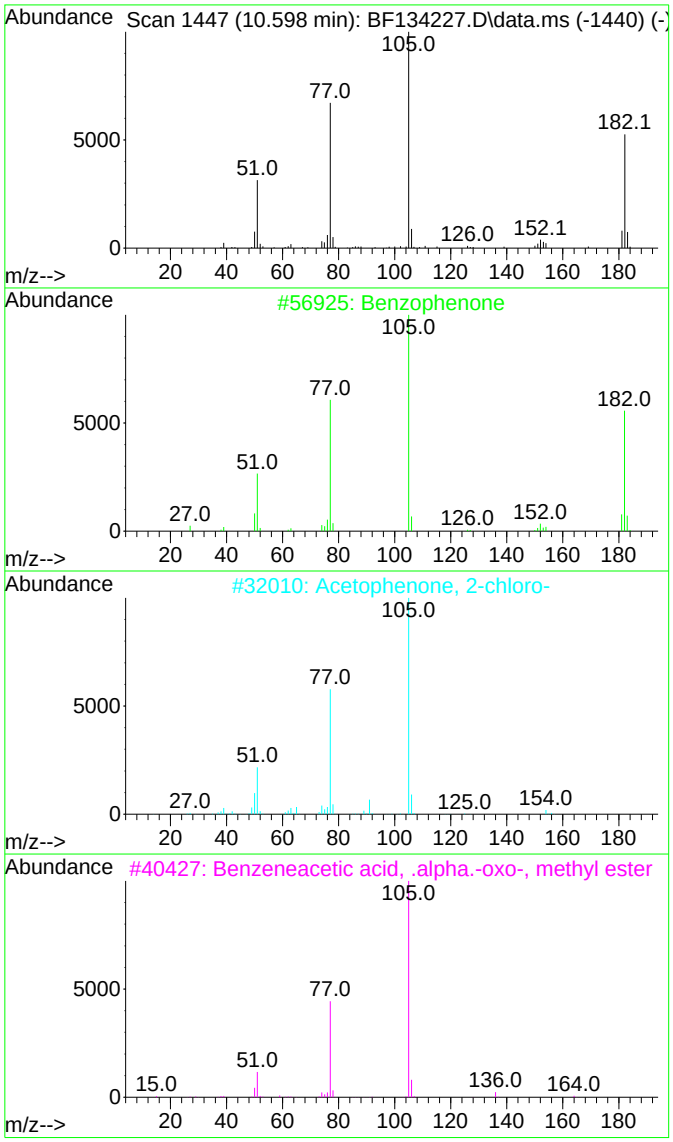
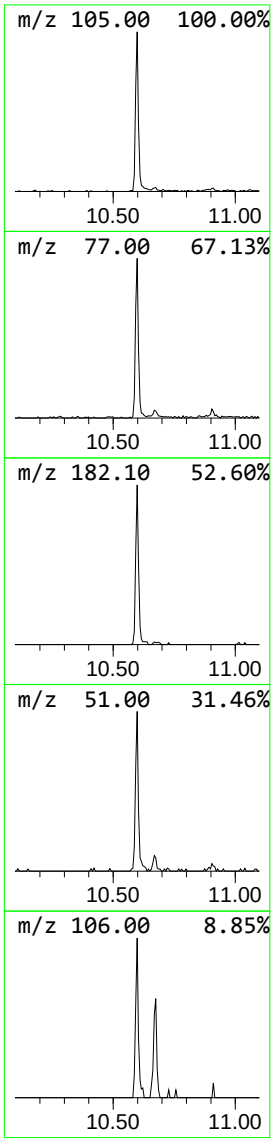
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	2.76 ng	117177	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	Benzilamide	227	C14H13NO2	004746-87-6	47





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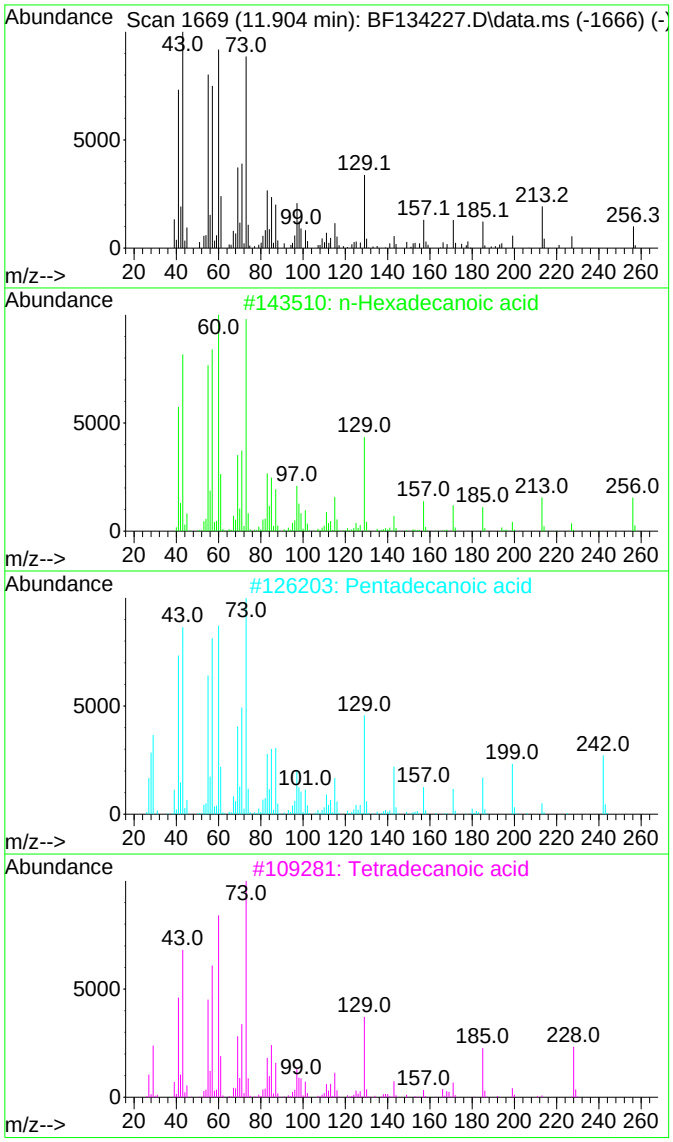
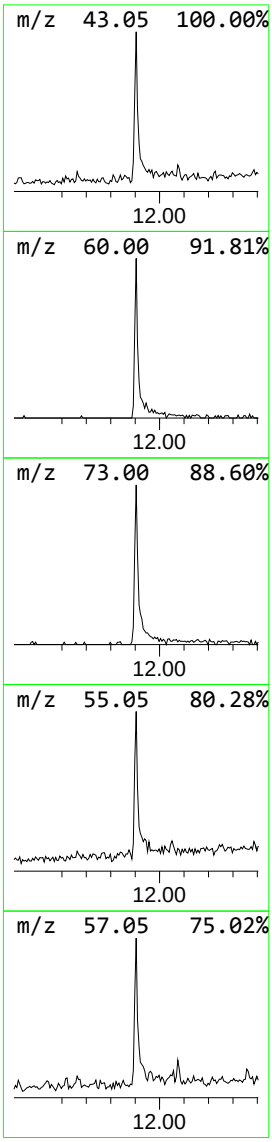
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	3.79 ng	144596	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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...	2.181	30.3	ng	1031010	1	6.845	679737	20.0
2-Pentanone, 4-...	5.104	2.6	ng	87202	1	6.845	679737	20.0
Benzophenone	10.598	2.8	ng	117177	3	9.880	848502	20.0
n-Hexadecanoic ...	11.904	3.8	ng	144596	4	11.374	763023	20.0