LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143406.D
Acq On : 15 Aug 2025 07:20
Operator : RC/JU
Sample : Q2815-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-10P-S

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-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143406.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.304	7	19	37	rVB	2021850	3695405	78.86%	12.468%
2	5.175	498	507	522	rBV	234344	368785	7.87%	1.244%
3	5.575	569	575	597	rBV	2136516	2958652	63.14%	9.982%
4	6.563	737	743	766	rBV	1768604	2453727	52.36%	8.279%
5	6.934	801	806	815	rBV	649909	814386	17.38%	2.748%
6	7.492	894	901	912	rBV	1923068	2818752	60.15%	9.510%
7	8.210	1018	1023	1038	rBV	801598	1078983	23.03%	3.640%
8	9.286	1199	1206	1211	rBV	3501054	4685861	100.00%	15.810%
9	9.969	1316	1322	1335	rBV	930700	1191968	25.44%	4.022%
10	10.345	1379	1386	1389	rBV	69419	89323	1.91%	0.301%
11	10.680	1436	1443	1450	rBV	292712	380861	8.13%	1.285%
12	10.757	1450	1456	1473	rBV	2027496	2733073	58.33%	9.221%
13	10.986	1490	1495	1502	rVB	49590	64679	1.38%	0.218%
14	11.457	1569	1575	1582	rBV	766068	1029466	21.97%	3.473%
15	11.974	1658	1663	1679	rBV2	52883	111247	2.37%	0.375%
16	13.039	1838	1844	1849	rBV	2865071	3738785	79.79%	12.615%
17	14.098	2018	2024	2035	rBV	451019	632463	13.50%	2.134%
18	15.592	2272	2278	2285	rBV	484707	792227	16.91%	2.673%

Sum of corrected areas: 29638643

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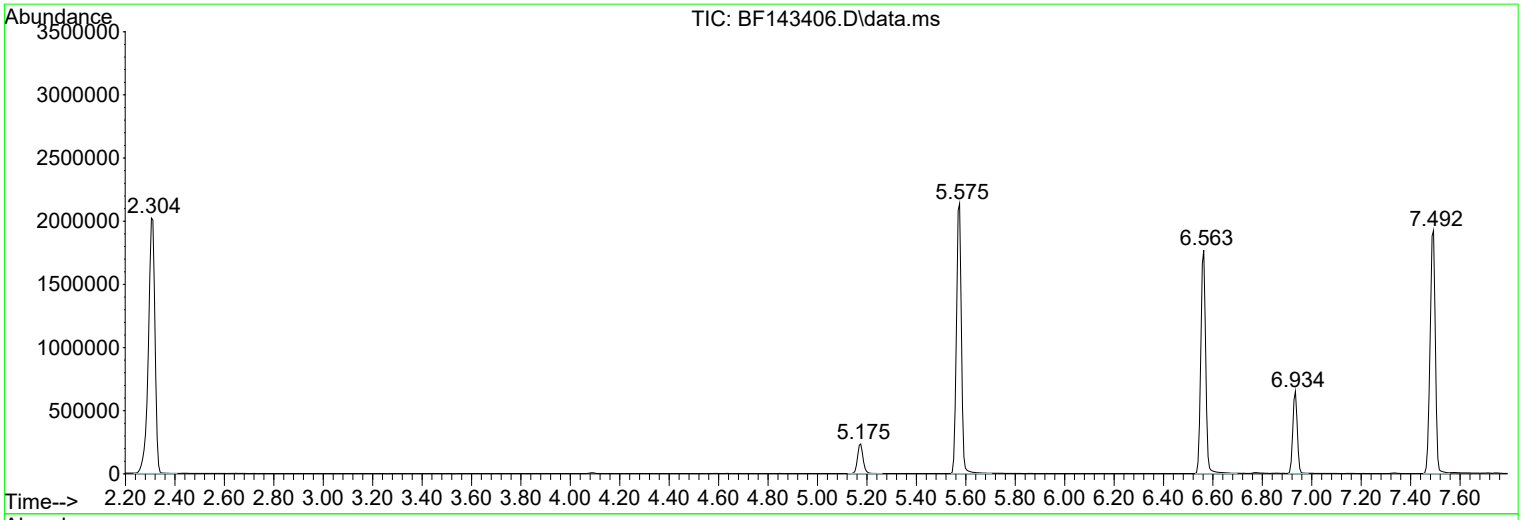
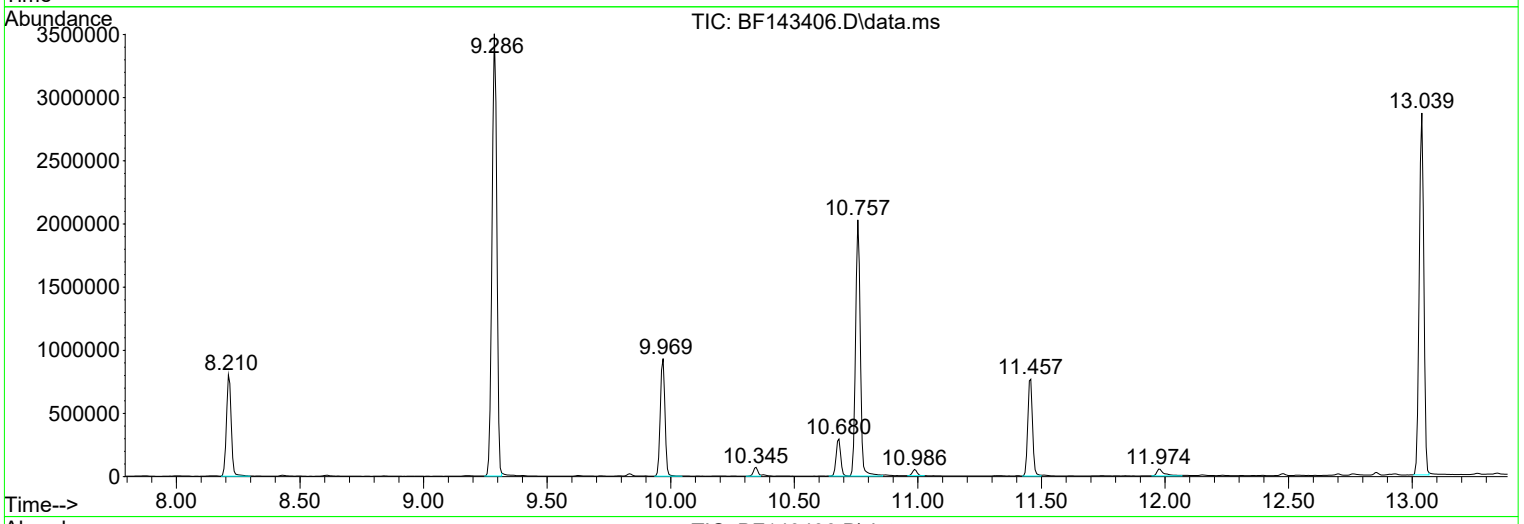
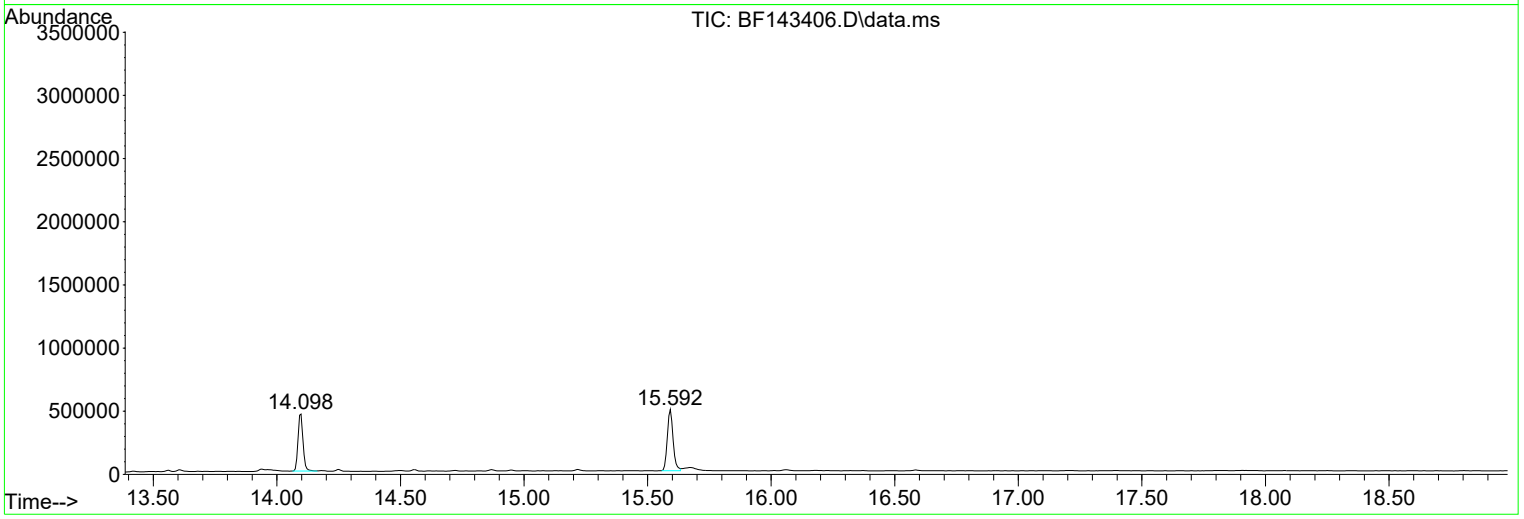
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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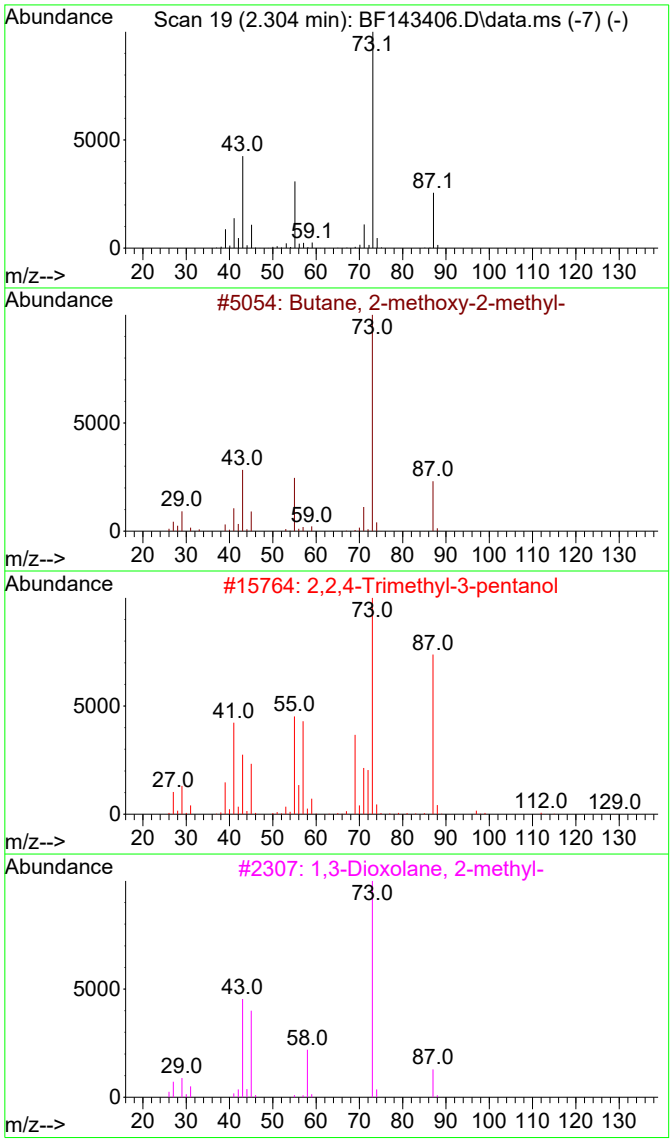
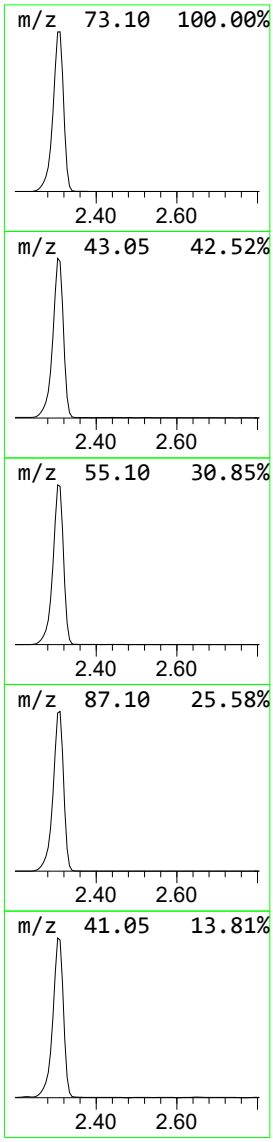
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.304	90.75 ng	3695410	1,4-Dichlorobenzene-d4	6.934

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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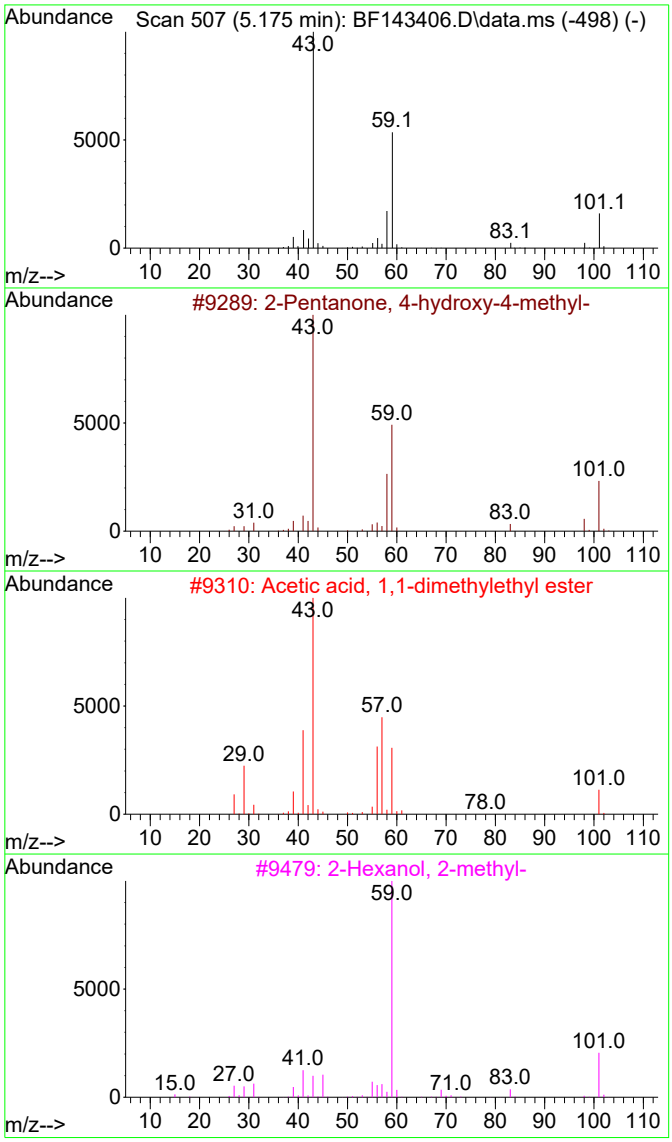
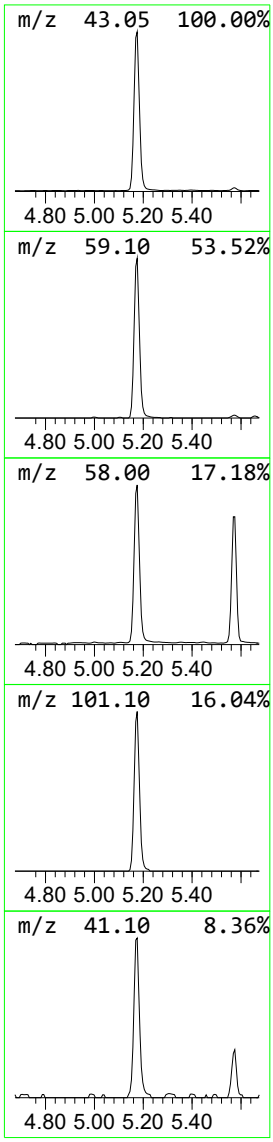
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.175	9.06 ng	368785	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Sample : Q2815-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-10P-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
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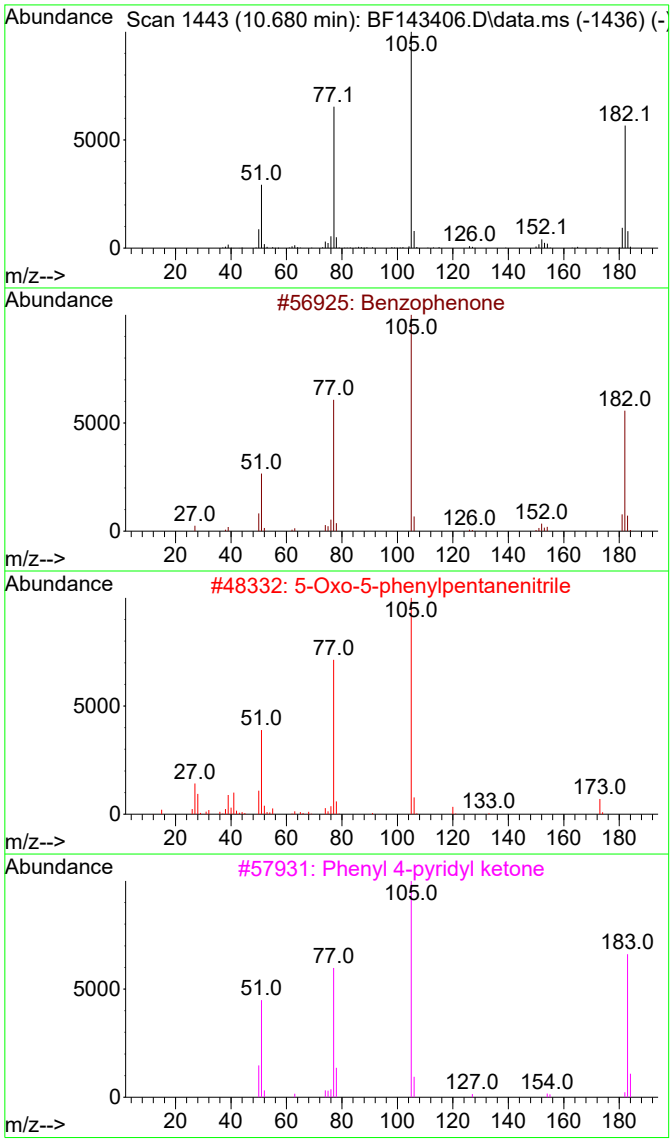
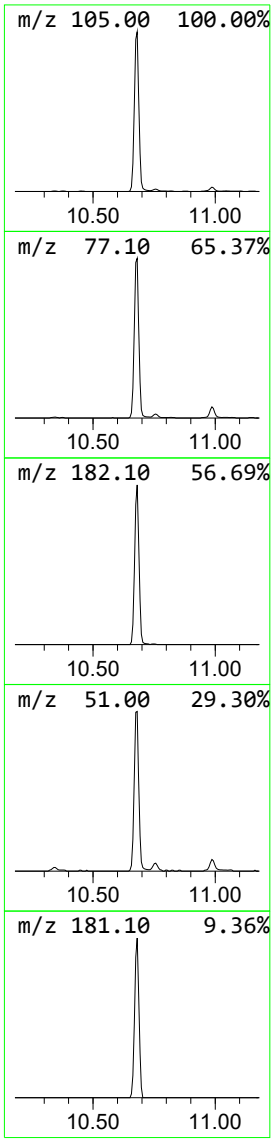
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.680	6.39 ng	380861	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47
3	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
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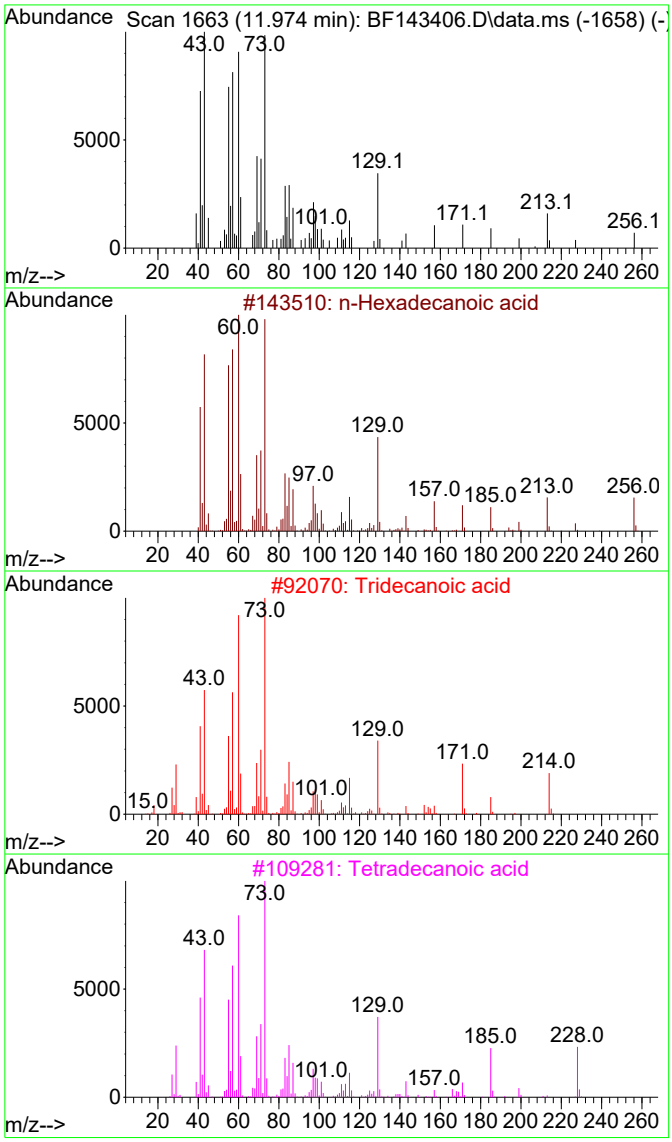
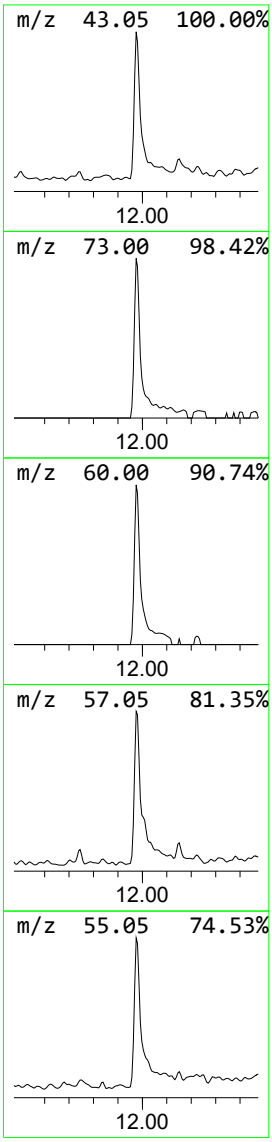
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	2.16 ng	111247	Phenanthrene-d10	11.457

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	22





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...	2.304	90.8	ng	3695410	1	6.934	814386	20.0
2-Pentanone, 4-...	5.175	9.1	ng	368785	1	6.934	814386	20.0
Benzophenone	10.680	6.4	ng	380861	3	9.969	1191970	20.0
n-Hexadecanoic ...	11.974	2.2	ng	111247	4	11.457	1029470	20.0