LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
Data File : BF139675.D
Acq On : 04 Oct 2024 23:36
Operator : RC/JU
Sample : P4277-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-10022024

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-BF100124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139675.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	22	rVB	1126221	1755549	100.00%	15.232%
2	5.075	497	507	516	rBV	60510	89505	5.10%	0.777%
3	5.481	571	576	590	rVB	896057	1190102	67.79%	10.326%
4	6.492	743	748	759	rBV	905642	1184040	67.45%	10.273%
5	6.863	806	811	816	rBV	384176	465568	26.52%	4.039%
6	7.422	901	906	916	rBV	565688	740891	42.20%	6.428%
7	7.681	945	950	956	rBV	30573	39619	2.26%	0.344%
8	8.145	1024	1029	1034	rBV	442778	541059	30.82%	4.694%
9	9.222	1206	1212	1217	rBV	908529	1161219	66.15%	10.075%
10	9.898	1322	1327	1332	rBV	429211	520661	29.66%	4.517%
11	10.610	1443	1448	1456	rBV	256943	322957	18.40%	2.802%
12	10.686	1456	1461	1477	rVV	466933	603663	34.39%	5.238%
13	10.921	1496	1501	1509	rBV	42180	54173	3.09%	0.470%
14	11.116	1530	1534	1544	rVB4	10342	18130	1.03%	0.157%
15	11.386	1575	1580	1587	rBV	409070	534325	30.44%	4.636%
16	11.910	1664	1669	1676	rBV2	83926	147836	8.42%	1.283%
17	12.598	1782	1786	1790	rBV	66530	86128	4.91%	0.747%
18	12.827	1820	1825	1831	rBV	81518	119570	6.81%	1.037%
19	12.968	1844	1849	1857	rVB	824741	1049816	59.80%	9.109%
20	14.021	2024	2028	2038	rVB2	359266	567142	32.31%	4.921%
21	15.492	2274	2278	2287	rVB	207167	333478	19.00%	2.893%

Sum of corrected areas: 11525431

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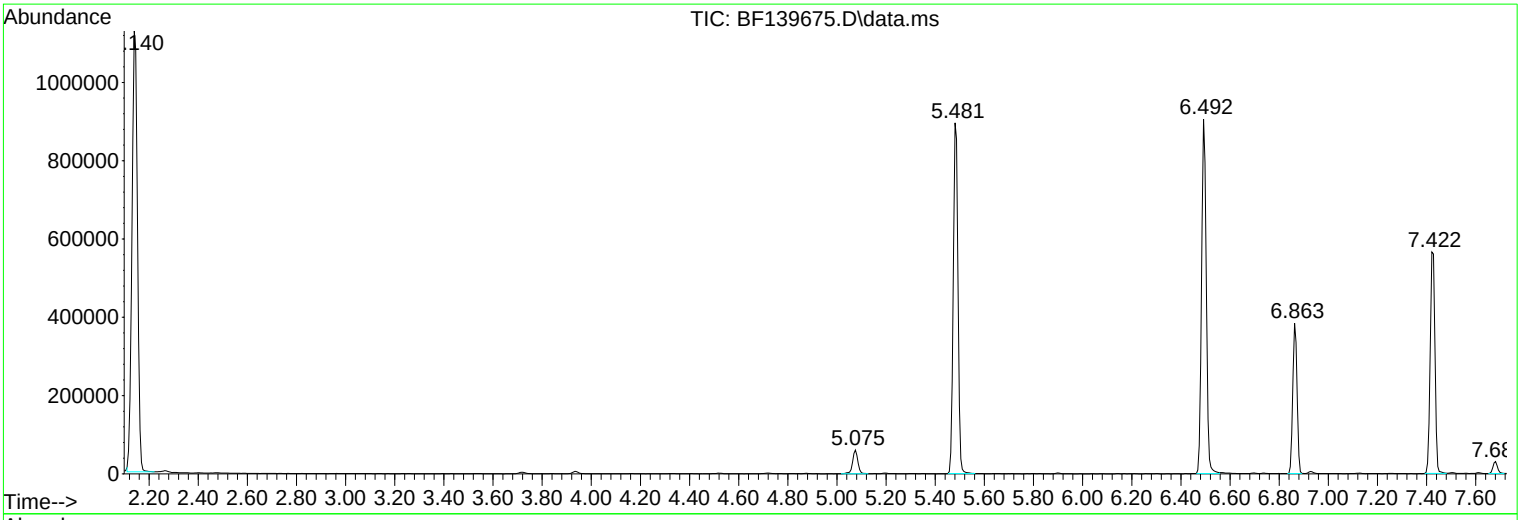
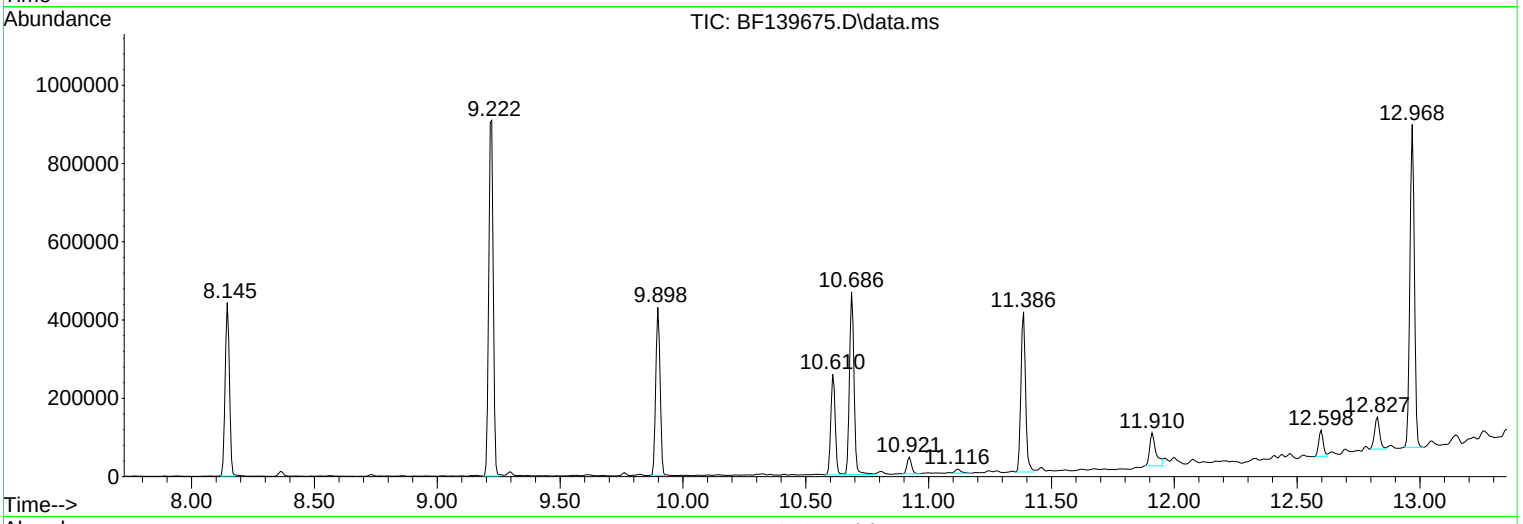
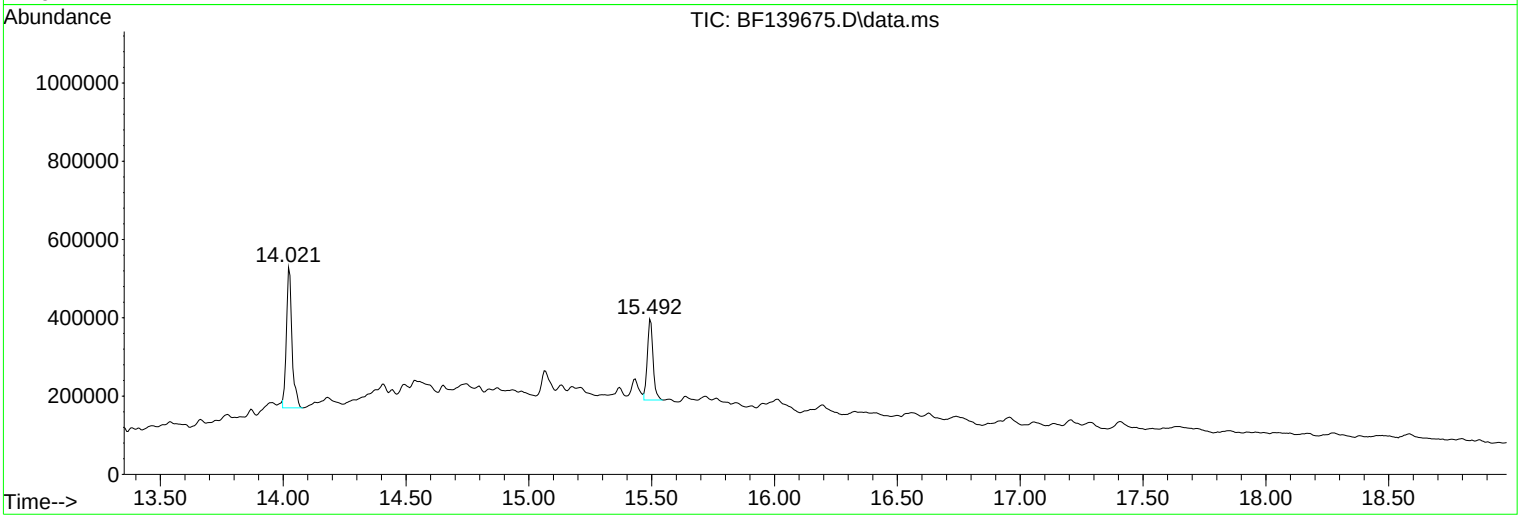
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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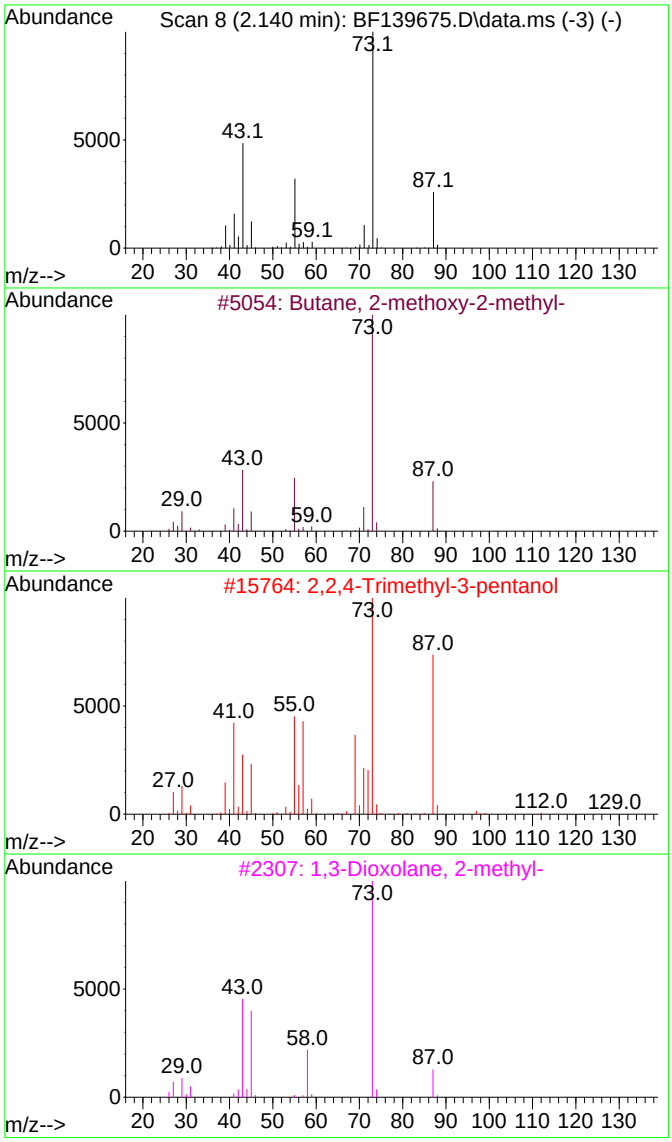
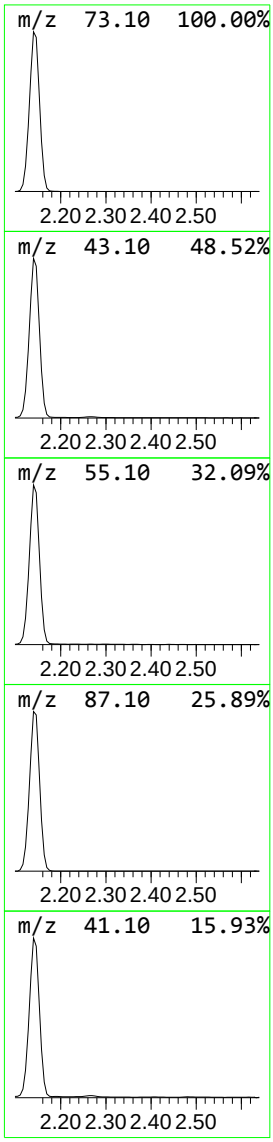
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	75.42 ng	1755550	1,4-Dichlorobenzene-d4	6.863

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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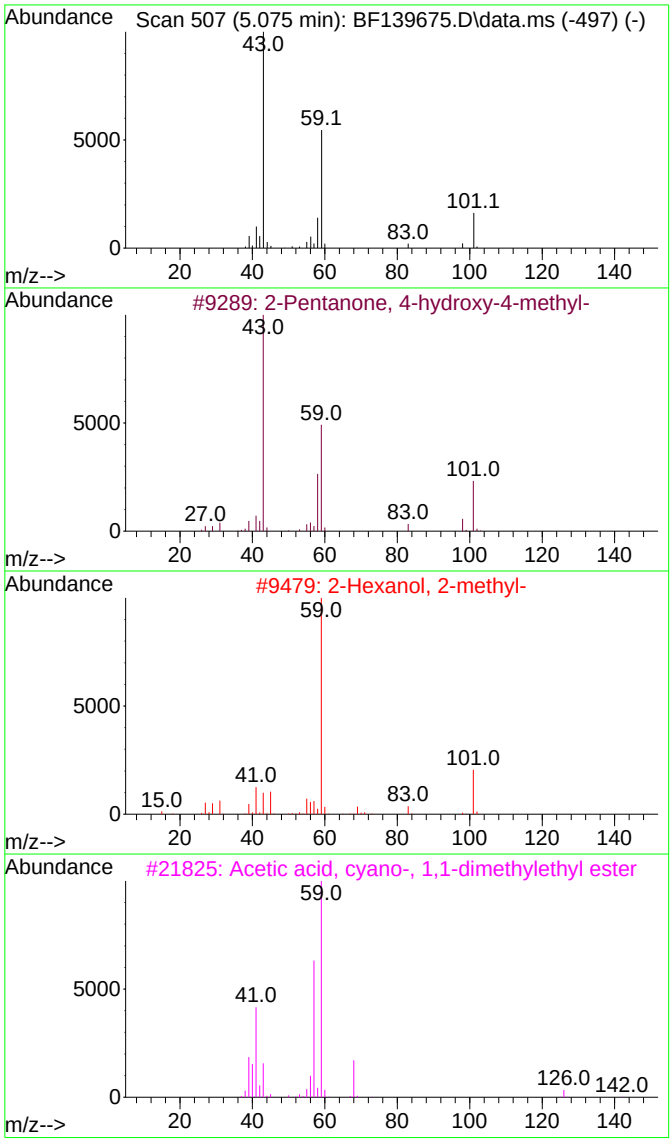
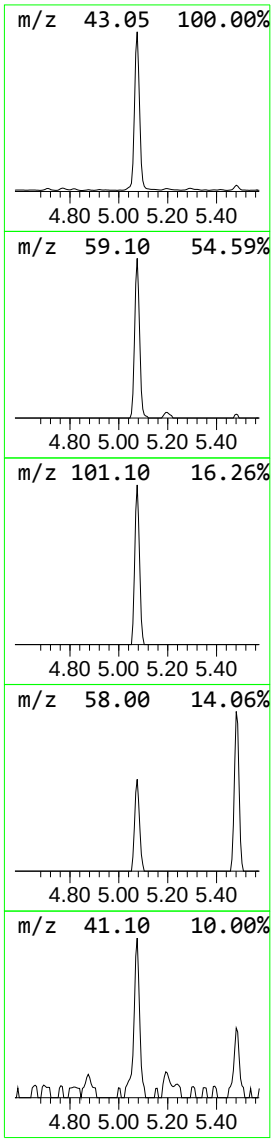
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	3.84 ng	89505	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Sample : P4277-01
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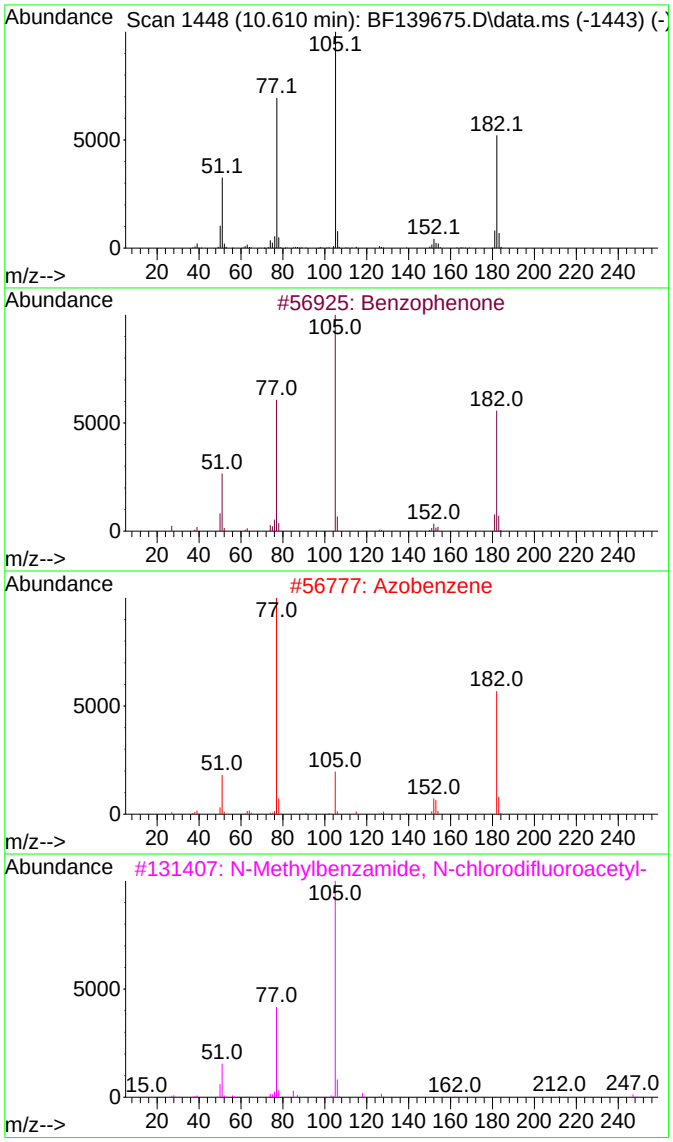
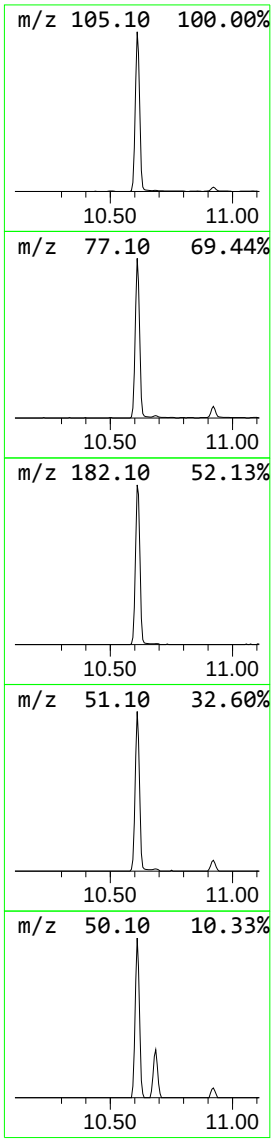
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	12.41 ng	322957	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	58
3	N-Methylbenzamide, N-chlorodiflu...	247	C10H8ClF2NO2	1000446-98-2	50
4	N-Methylbenzamide, N-pentafluoro...	281	C11H8F5NO2	1000446-98-1	50
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50





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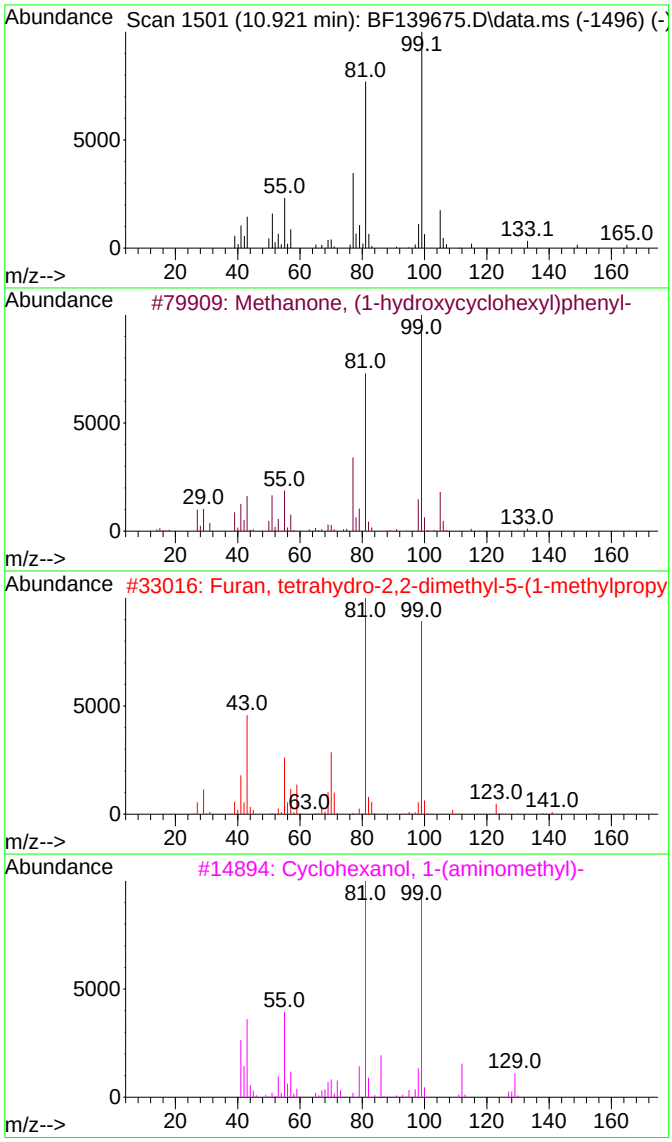
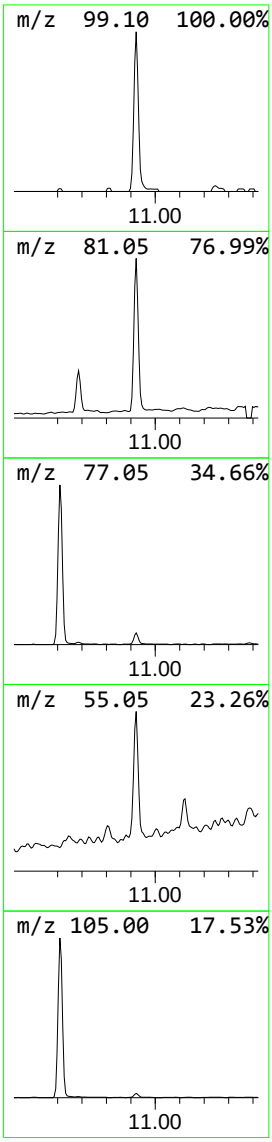
****
Peak Number 4 Methanone, (1-hydroxycycloh... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.922	2.03 ng	54173	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	91
2	Furan, tetrahydro-2,2-dimethyl-5...	156	C10H20O	033978-70-0	59
3	Cyclohexanol, 1-(aminomethyl)-	129	C7H15NO	004000-72-0	50
4	1-Hydroxycyclohexanecarboxylic acid	144	C7H12O3	001123-28-0	45
5	3-Methylcyclohexyl methylphospho...	194	C8H16FO2P	113548-86-0	45





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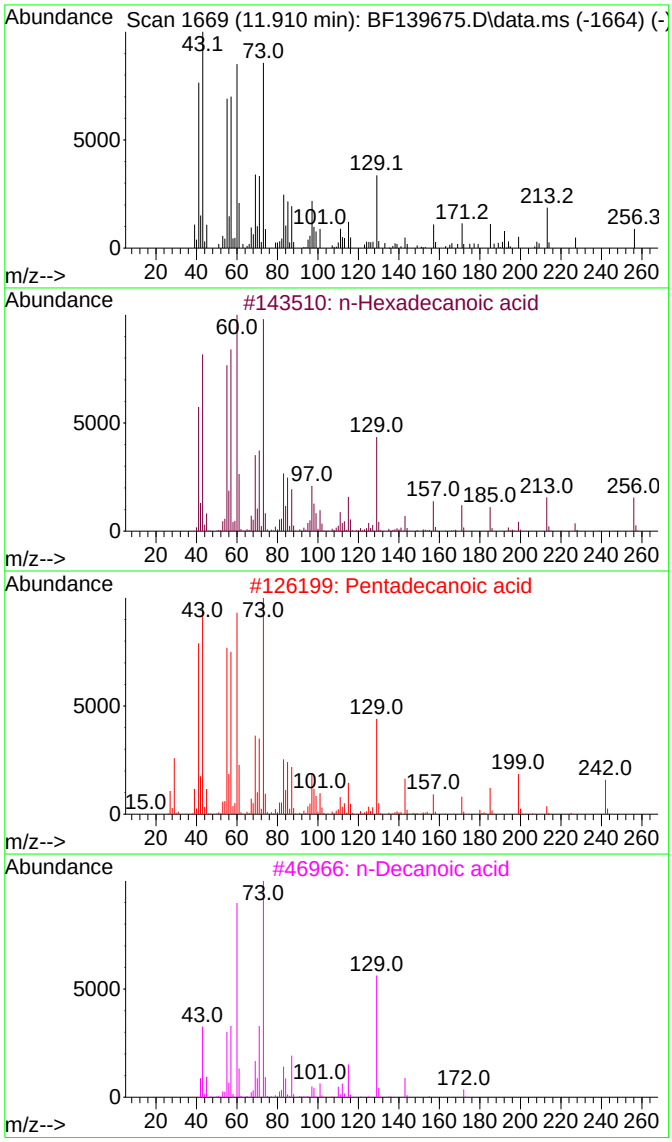
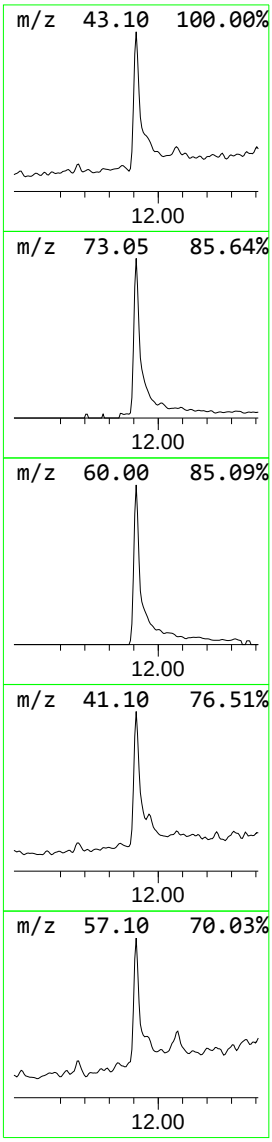
Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	5.53 ng	147836	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	n-Decanoic acid	172	C10H20O2	000334-48-5	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





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...	2.140	75.4	ng	1755550	1	6.863	465568	20.0
2-Pentanone, 4-...	5.075	3.8	ng	89505	1	6.863	465568	20.0
Benzophenone	10.610	12.4	ng	322957	3	9.898	520661	20.0
Methanone, (1-h...	10.922	2.0	ng	54173	4	11.386	534325	20.0
n-Hexadecanoic ...	11.910	5.5	ng	147836	4	11.386	534325	20.0