LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139425.D
Acq On : 18 Sep 2024 14:17
Operator : RC/JU
Sample : P4015-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-1-TANK17

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139425.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	9	17	28	rVB	824297	1257206	68.54%	9.683%
2	5.098	501	511	519	rBV	68910	106087	5.78%	0.817%
3	5.498	573	579	584	rBV	1135609	1488174	81.14%	11.462%
4	6.504	744	750	755	rBV	1150709	1574165	85.82%	12.125%
5	6.875	808	813	818	rBV	371115	455329	24.82%	3.507%
6	7.439	903	909	914	rBV	785092	1027899	56.04%	7.917%
7	7.692	948	952	957	rVB	23760	29298	1.60%	0.226%
8	8.157	1026	1031	1036	rBV	470866	576267	31.42%	4.439%
9	9.233	1208	1214	1219	rBV	1483803	1834190	100.00%	14.127%
10	9.910	1324	1329	1334	rBV	531417	642677	35.04%	4.950%
11	10.622	1445	1450	1457	rBV	87060	104302	5.69%	0.803%
12	10.698	1457	1463	1474	rBV	865193	1100131	59.98%	8.474%
13	11.392	1576	1581	1589	rBV	474994	643977	35.11%	4.960%
14	11.916	1663	1670	1682	rBV3	63707	101024	5.51%	0.778%
15	12.604	1782	1787	1796	rBV	32409	39125	2.13%	0.301%
16	12.833	1819	1826	1830	rBV	23747	33034	1.80%	0.254%
17	12.980	1845	1851	1856	rBV	931736	1190005	64.88%	9.166%
18	13.874	1998	2003	2013	rBV	35226	67956	3.70%	0.523%
19	14.027	2024	2029	2038	rVB	247412	335837	18.31%	2.587%
20	15.068	2202	2206	2216	rBV	10104	22838	1.25%	0.176%
21	15.498	2273	2279	2290	rBV	231308	353638	19.28%	2.724%

Sum of corrected areas: 12983159

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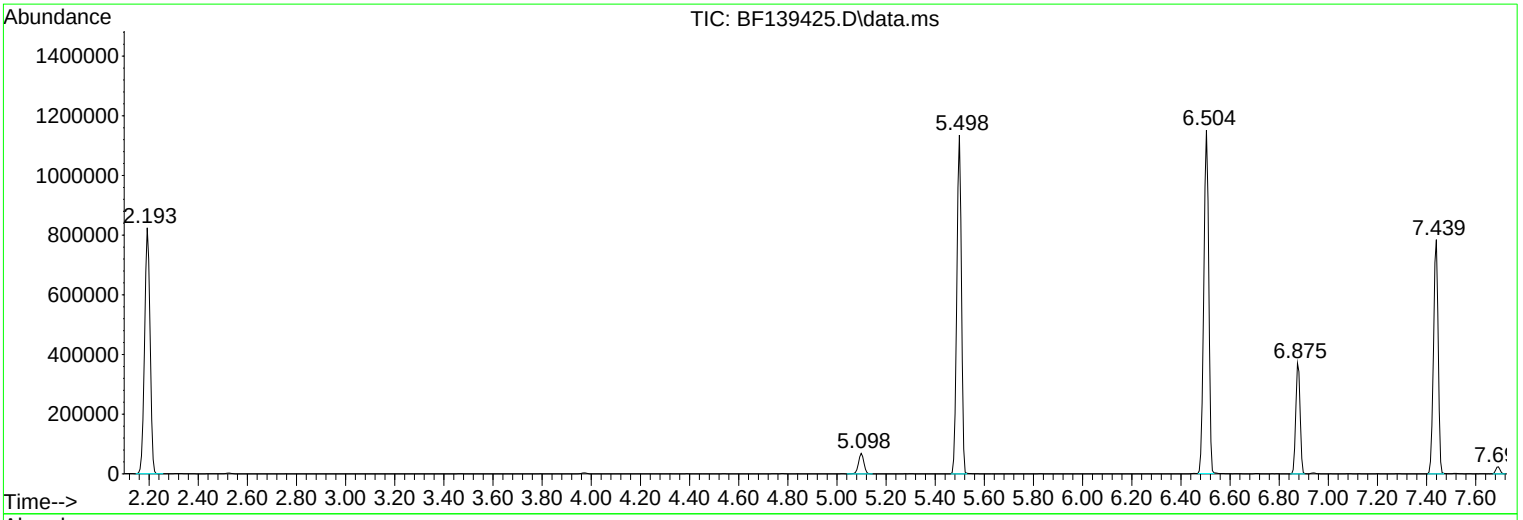
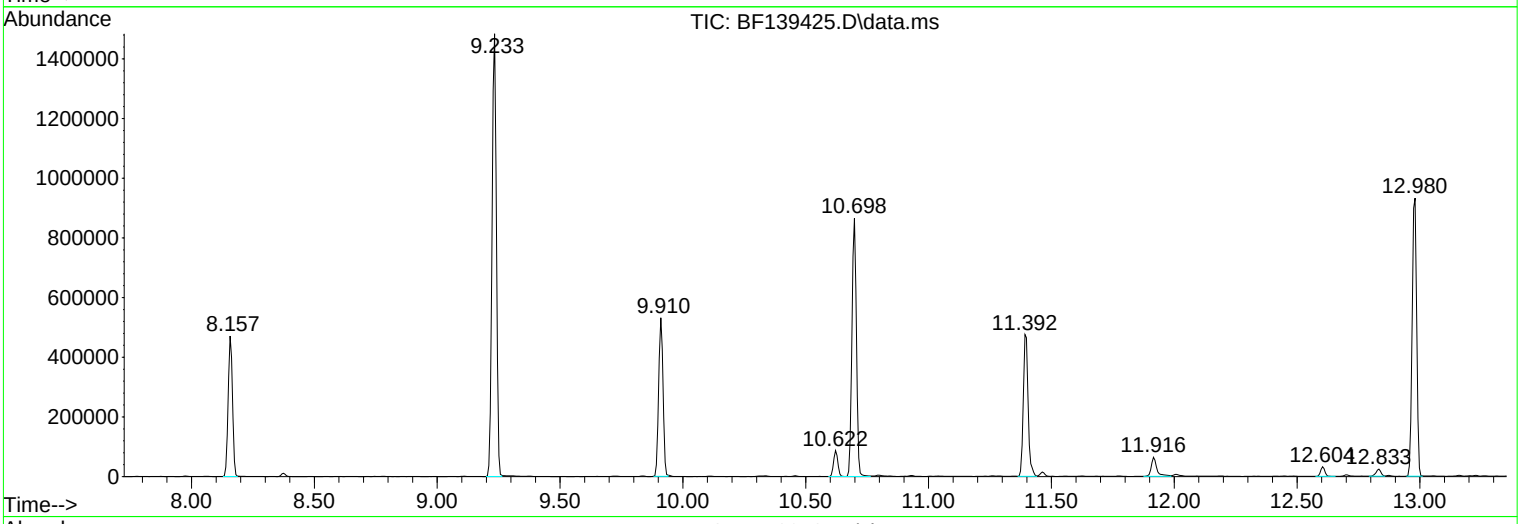
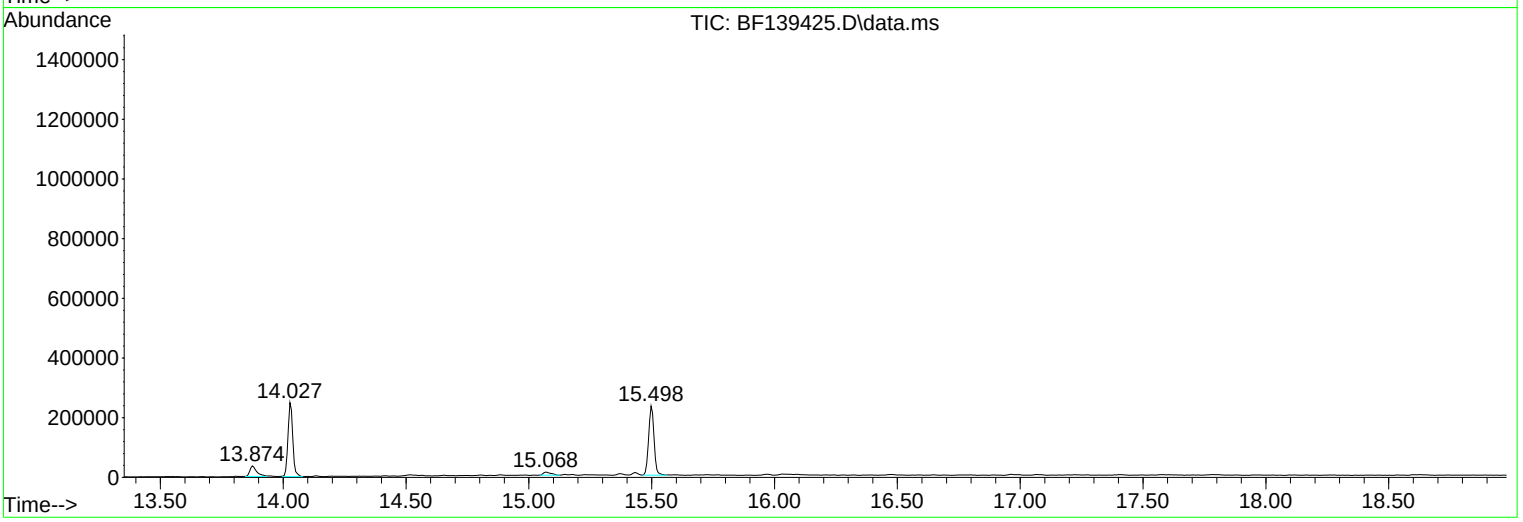
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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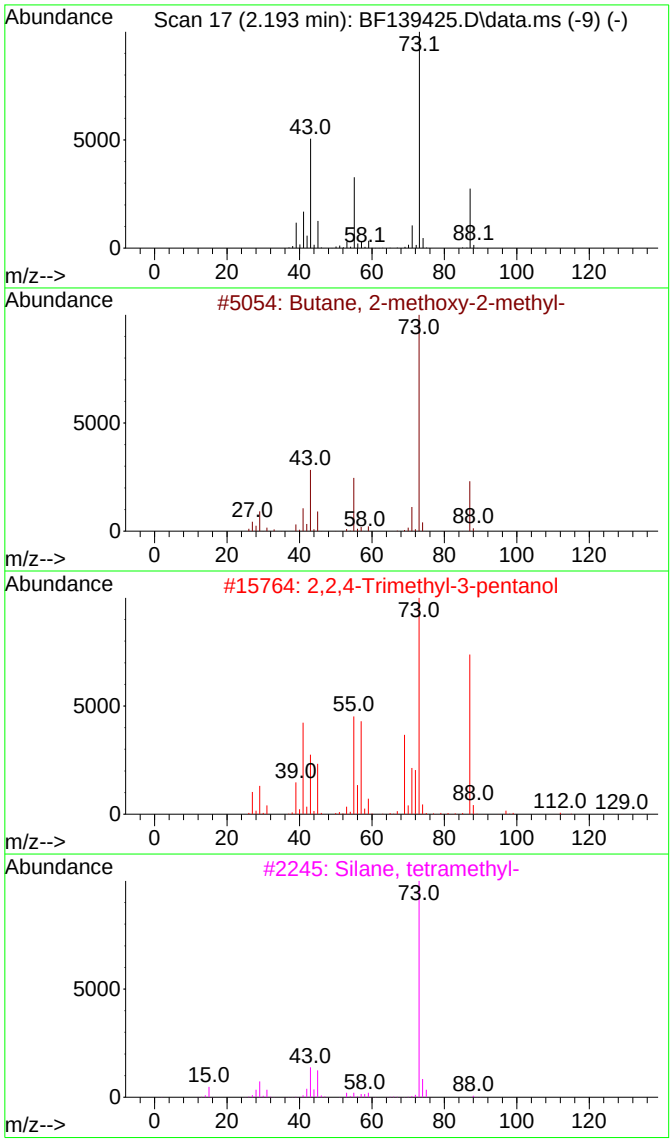
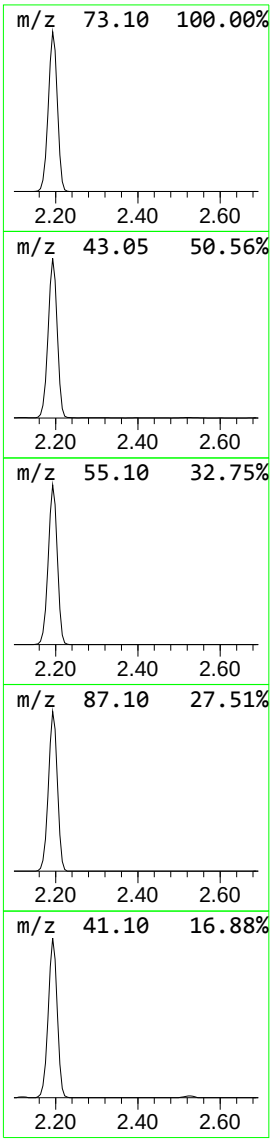
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.193	55.22 ng	1257210	1,4-Dichlorobenzene-d4	6.875

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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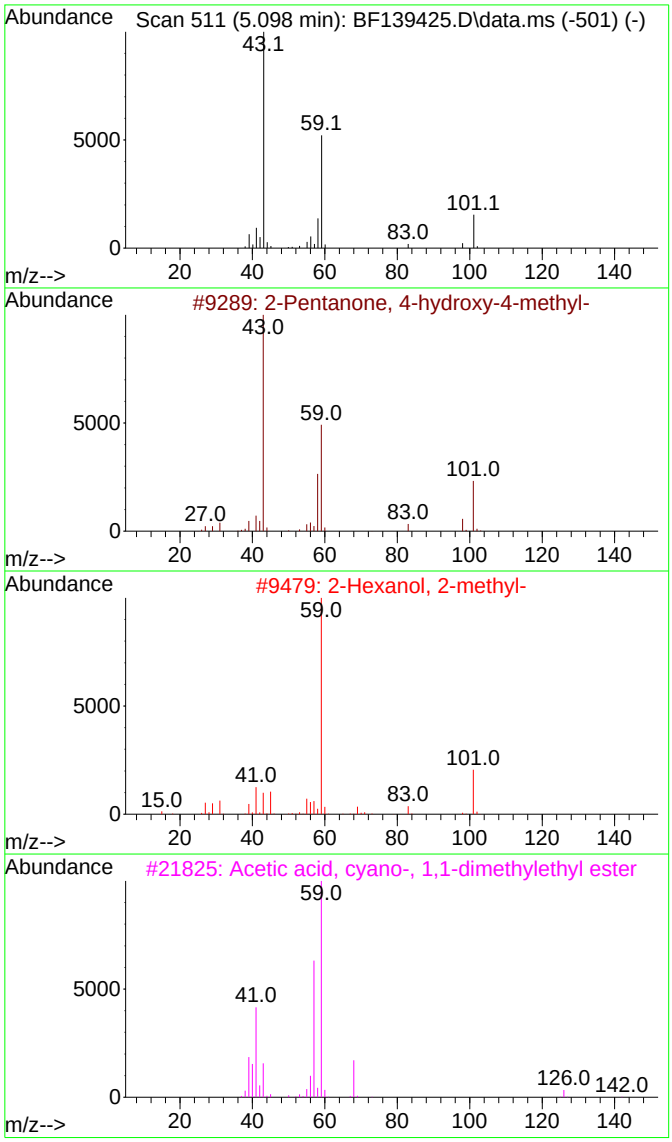
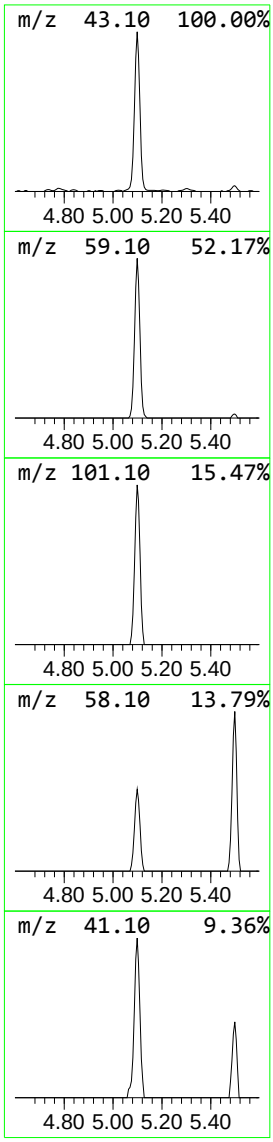
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	4.66 ng	106087	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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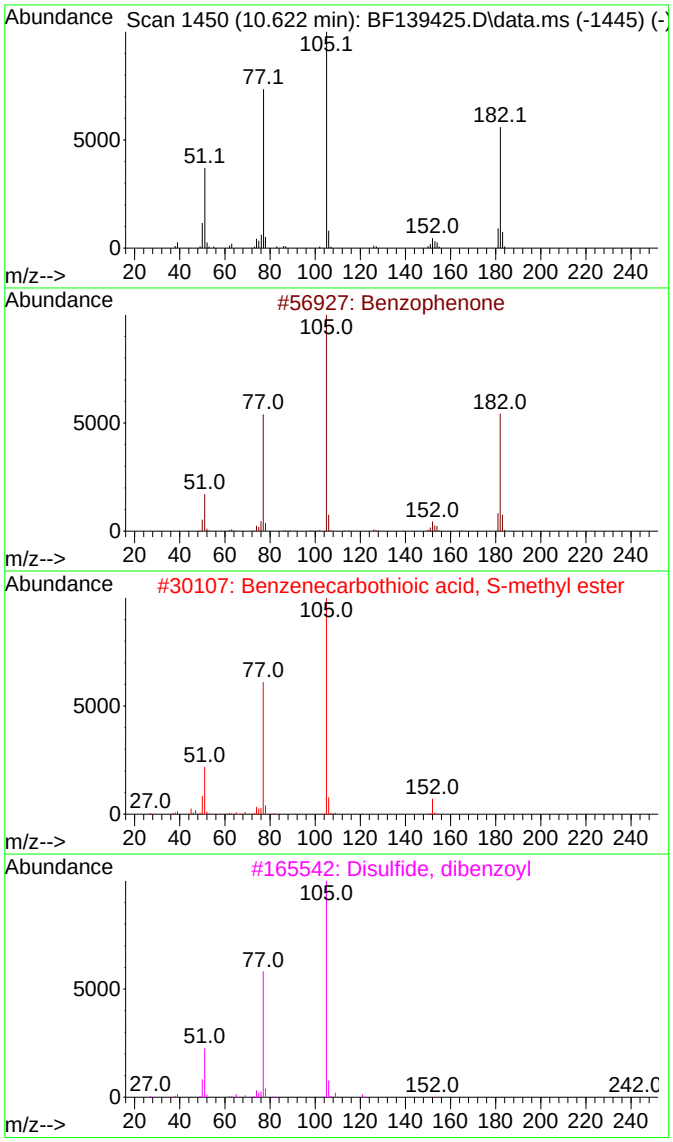
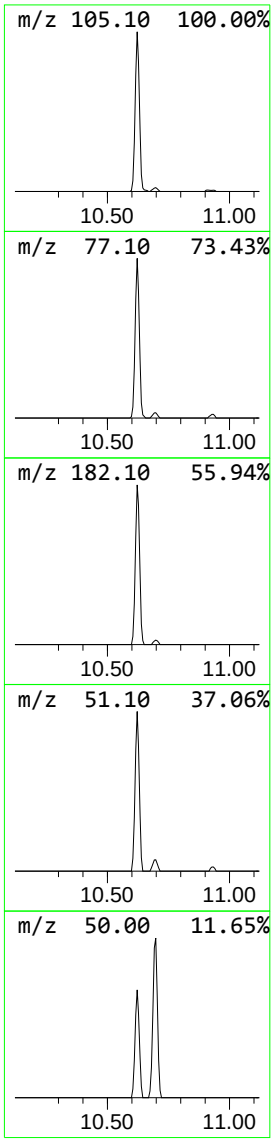
Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	3.25 ng	104302	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
3	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	53
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	53
5	Vinyl benzoate	148	C9H8O2	000769-78-8	53





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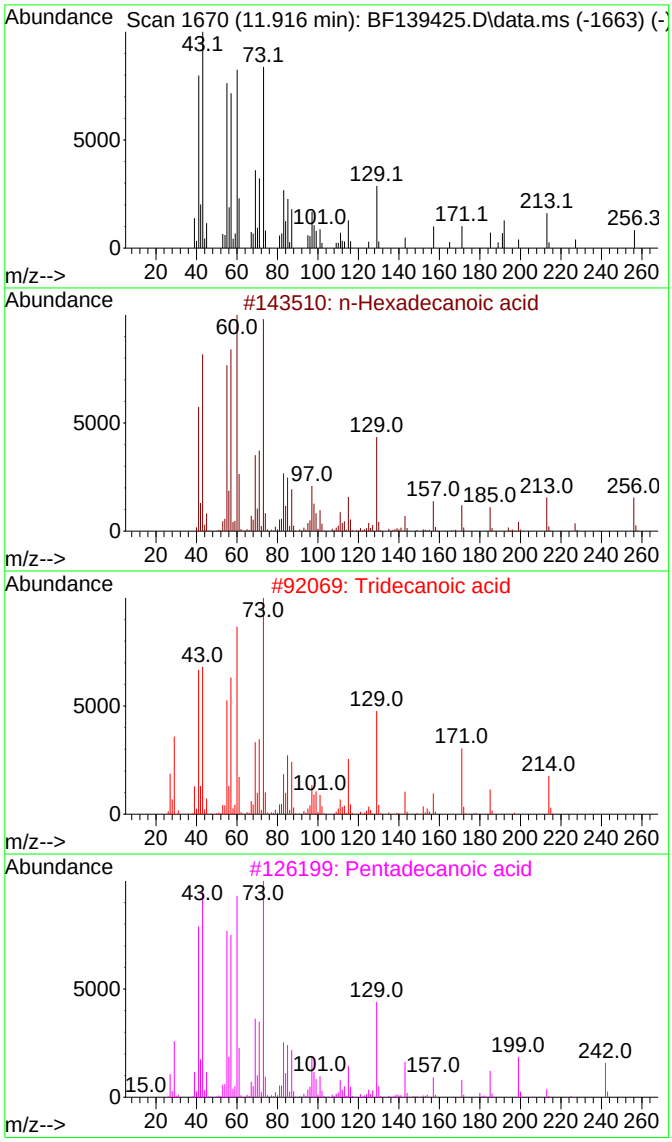
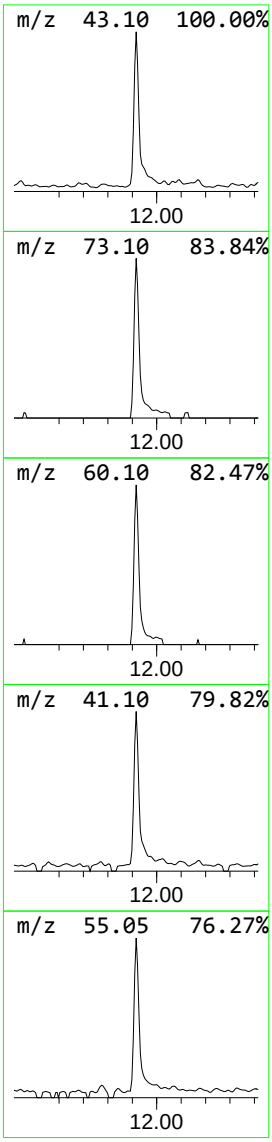
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	3.14 ng	101024	Phenanthrene-d10	11.392

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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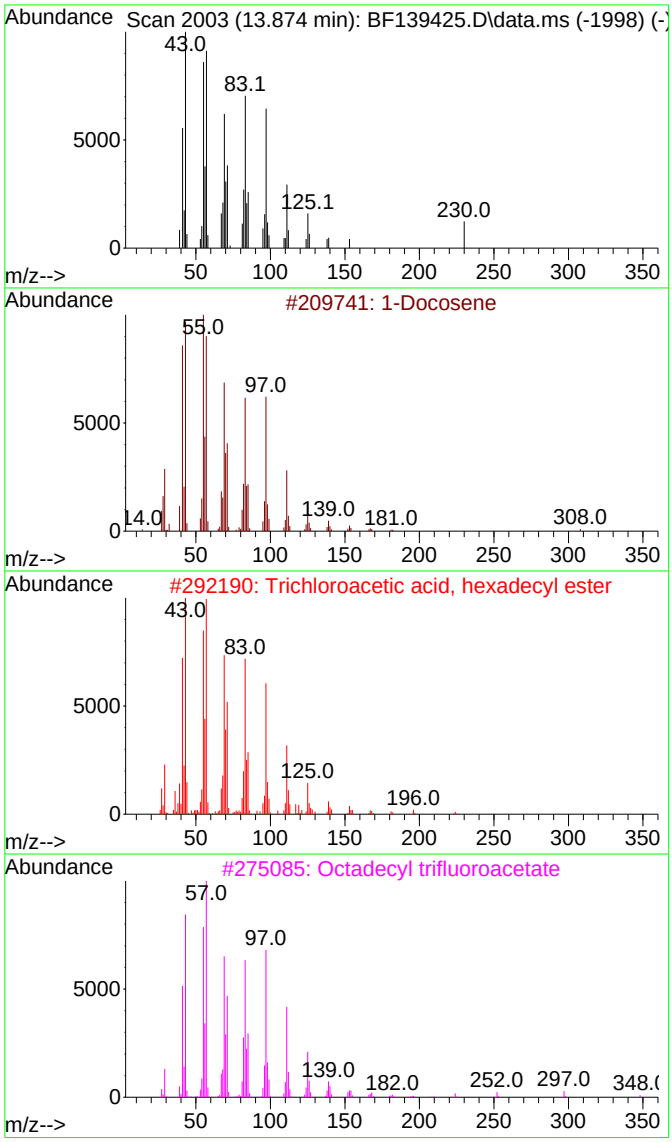
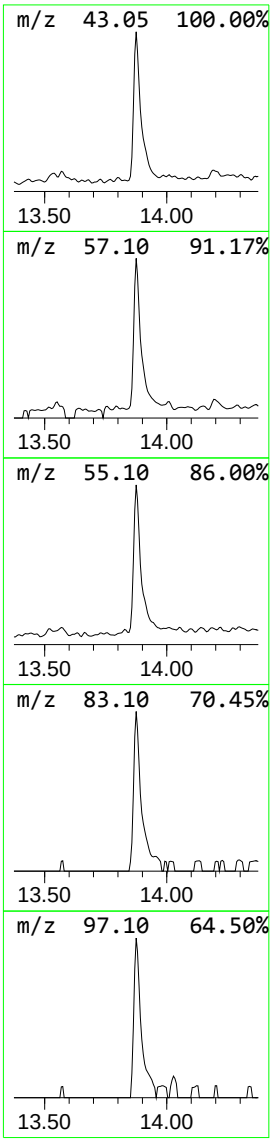
Peak Number 5 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	4.05 ng	67956	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	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...	2.193	55.2	ng	1257210	1	6.875	455329	20.0
2-Pentanone, 4-...	5.098	4.7	ng	106087	1	6.875	455329	20.0
Benzophenone	10.622	3.3	ng	104302	3	9.910	642677	20.0
n-Hexadecanoic ...	11.916	3.1	ng	101024	4	11.392	643977	20.0
1-Docosene	13.874	4.0	ng	67956	5	14.027	335837	20.0