LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139465.D
Acq On : 19 Sep 2024 15:34
Operator : RC/JU
Sample : P4087-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-02

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: BF139465.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	11	18	26	rVB	731303	1119637	66.36%	8.674%
2	5.099	501	511	519	rBV	101816	149356	8.85%	1.157%
3	5.499	573	579	584	rBV	1201762	1569101	92.99%	12.156%
4	6.504	743	750	755	rBV	1234469	1687337	100.00%	13.072%
5	6.875	808	813	818	rBV	417303	508999	30.17%	3.943%
6	7.440	902	909	914	rBV	798786	1045908	61.99%	8.102%
7	7.693	947	952	958	rVB	21716	27223	1.61%	0.211%
8	8.157	1026	1031	1036	rBV	515941	633656	37.55%	4.909%
9	8.375	1061	1068	1074	rBV	14005	18112	1.07%	0.140%
10	9.234	1208	1214	1219	rBV	1285052	1603050	95.00%	12.419%
11	9.910	1324	1329	1334	rBV	547991	665774	39.46%	5.158%
12	10.622	1445	1450	1457	rVB	61971	76178	4.51%	0.590%
13	10.698	1457	1463	1479	rBV	823318	1041339	61.71%	8.067%
14	11.392	1576	1581	1590	rBV	506059	649133	38.47%	5.029%
15	11.916	1665	1670	1686	rBV	80791	128108	7.59%	0.992%
16	12.975	1845	1850	1856	rBV	913446	1185669	70.27%	9.185%
17	13.886	1999	2005	2023	rBV2	27612	92832	5.50%	0.719%
18	14.027	2024	2029	2037	rVB	277464	360473	21.36%	2.793%
19	15.498	2273	2279	2290	rBV	218927	346595	20.54%	2.685%

Sum of corrected areas: 12908480

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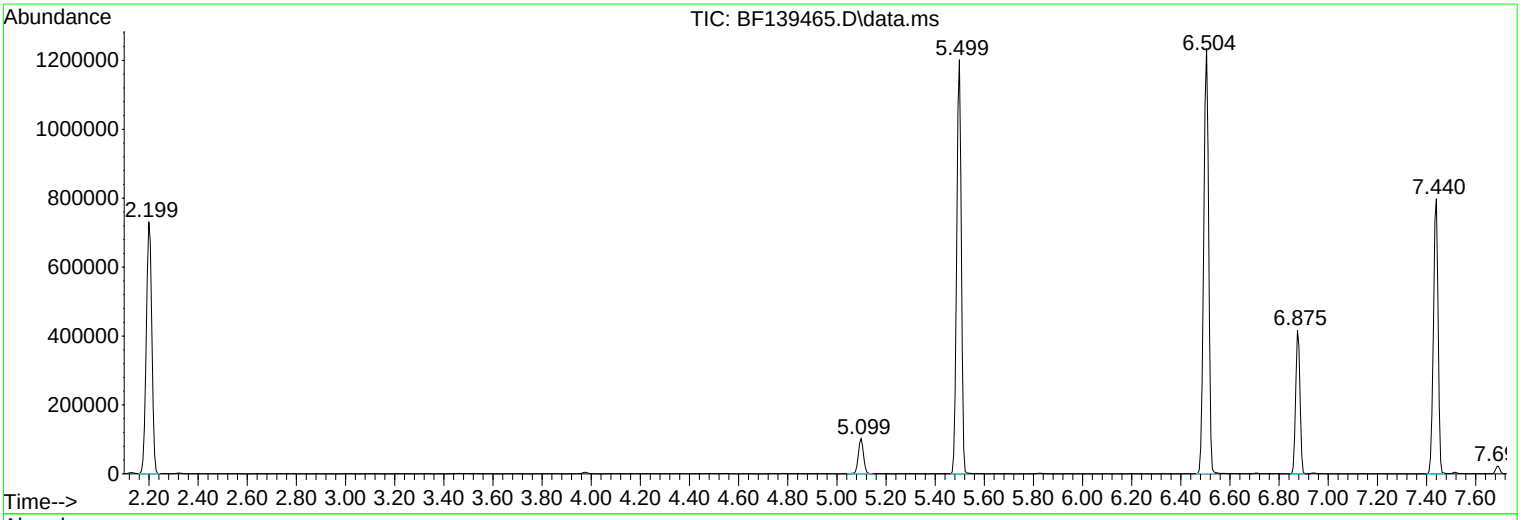
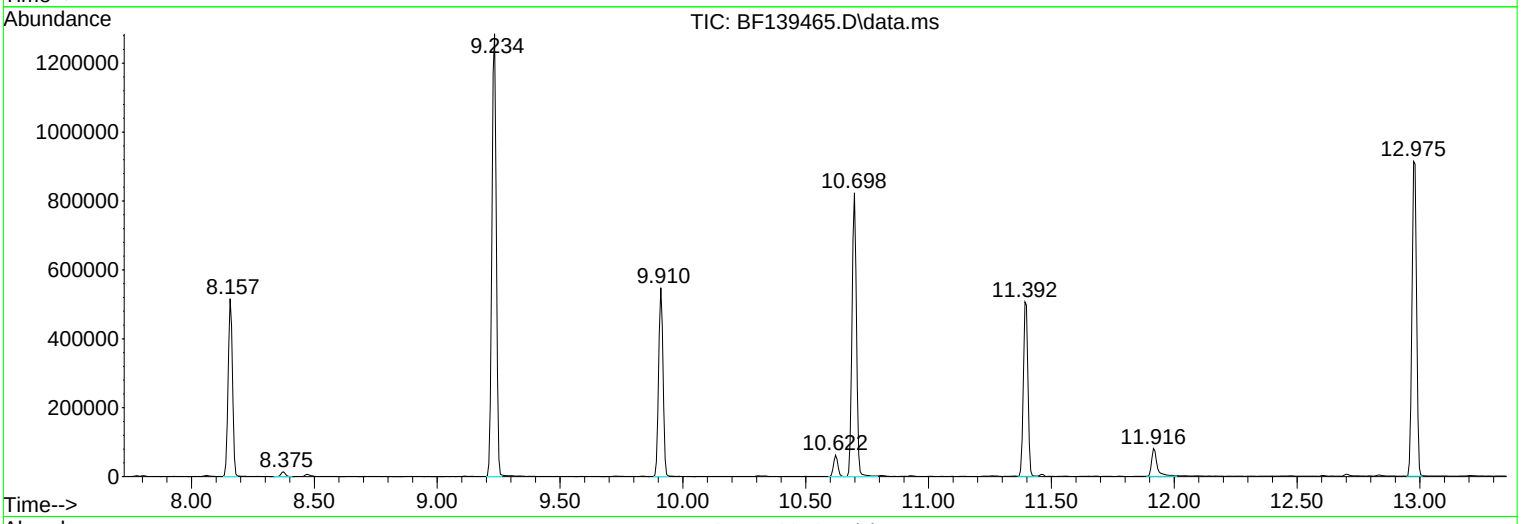
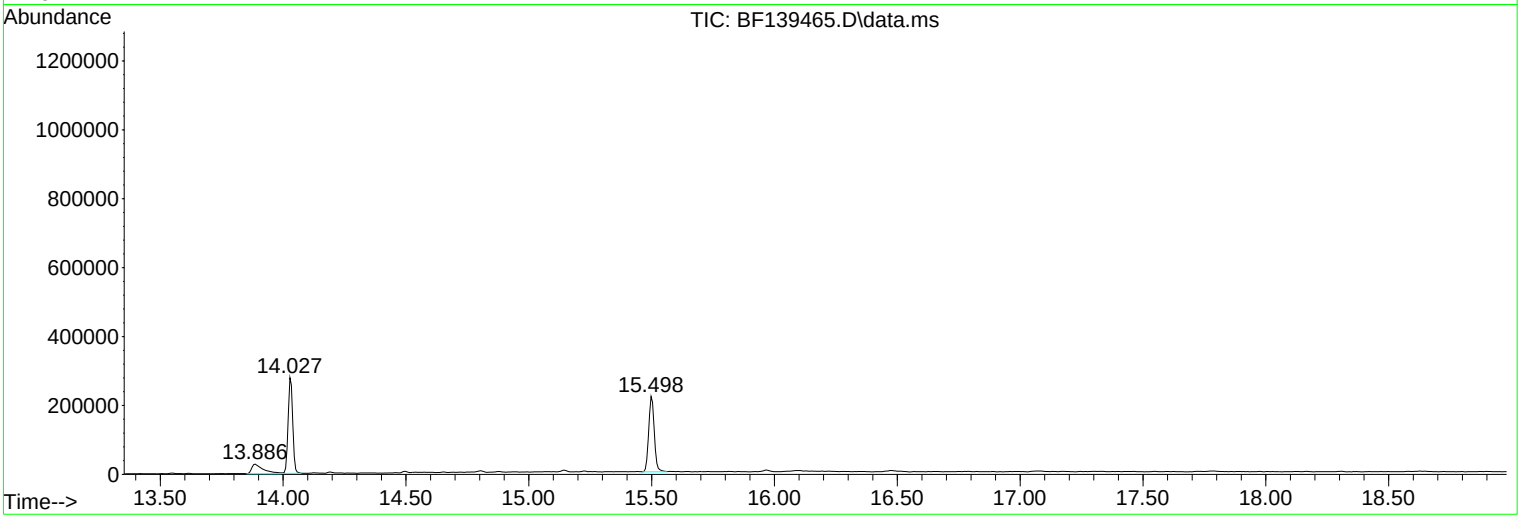
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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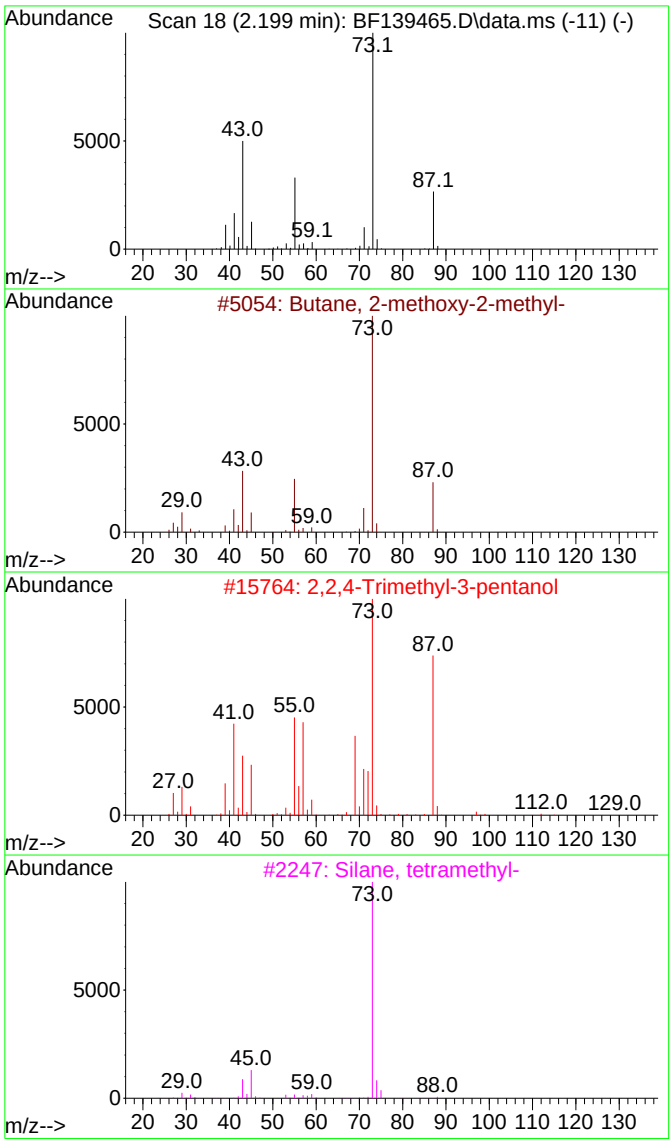
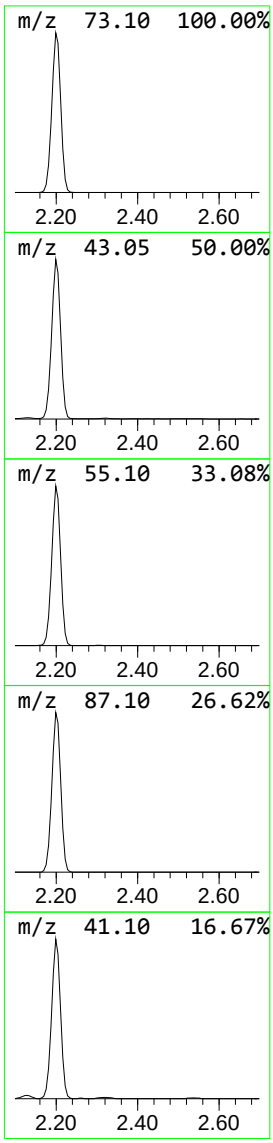
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.199	43.99 ng	1119640	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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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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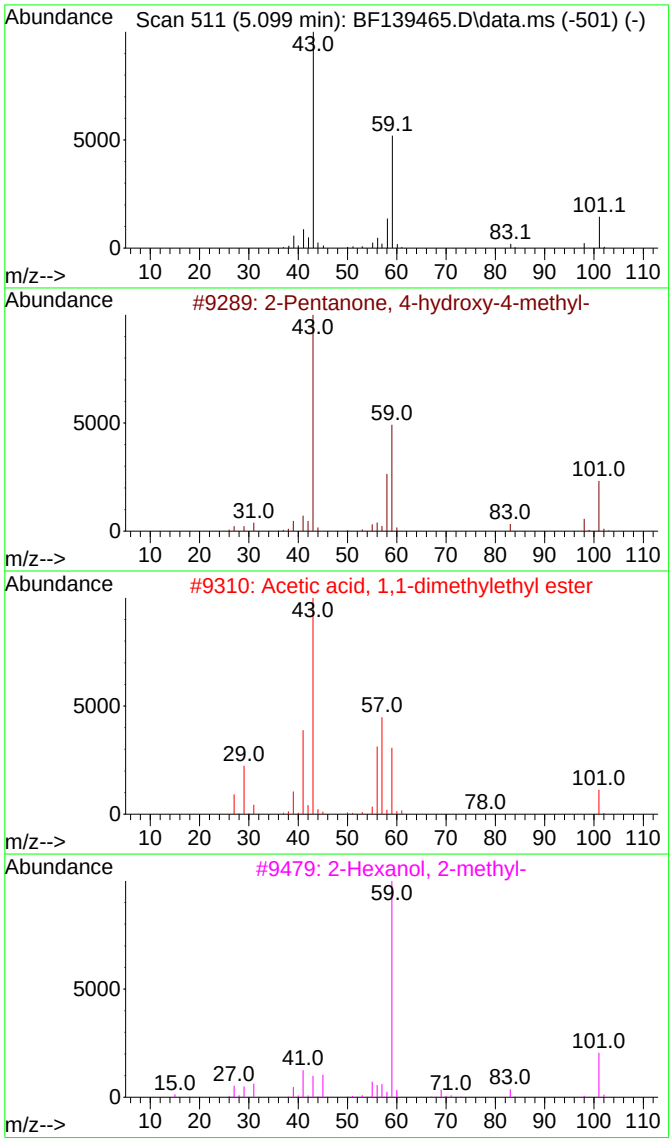
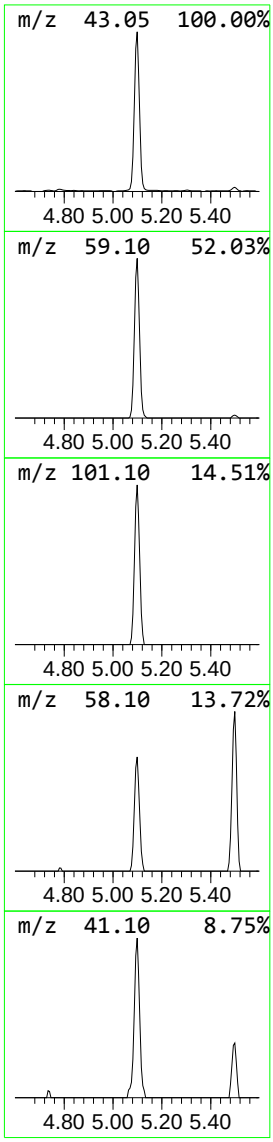
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.099	5.87 ng	149356	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	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	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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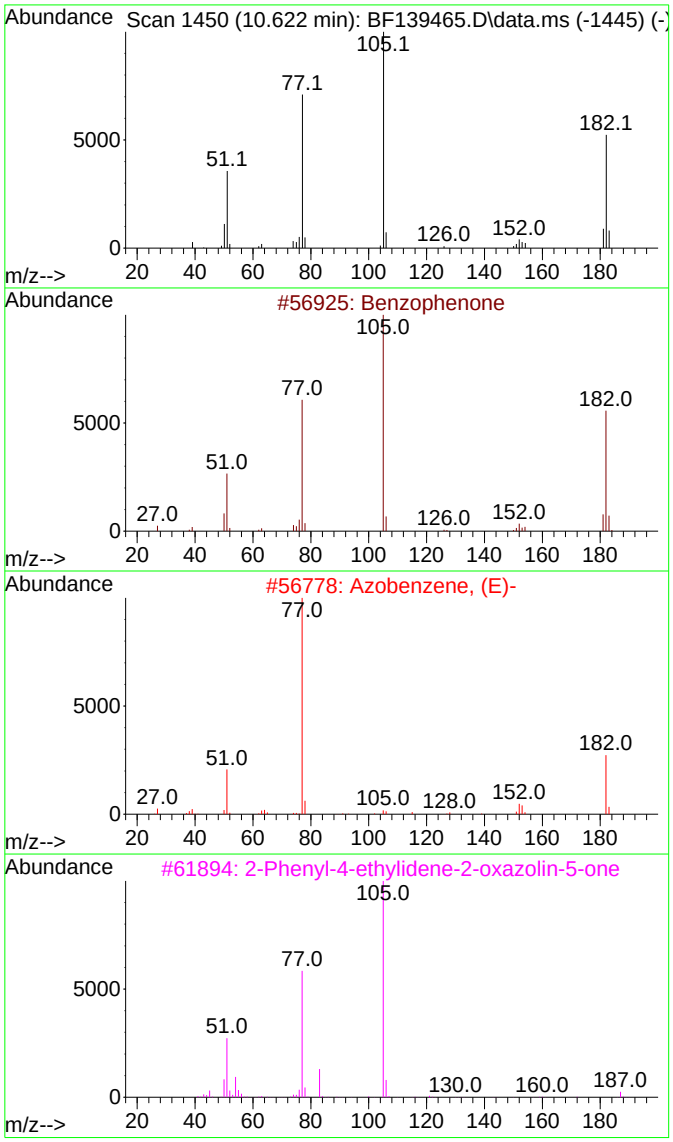
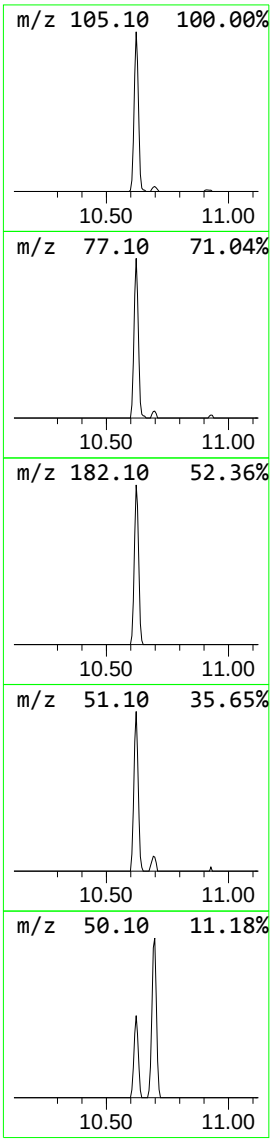
Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	2.29 ng	76178	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
3	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	50
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	50





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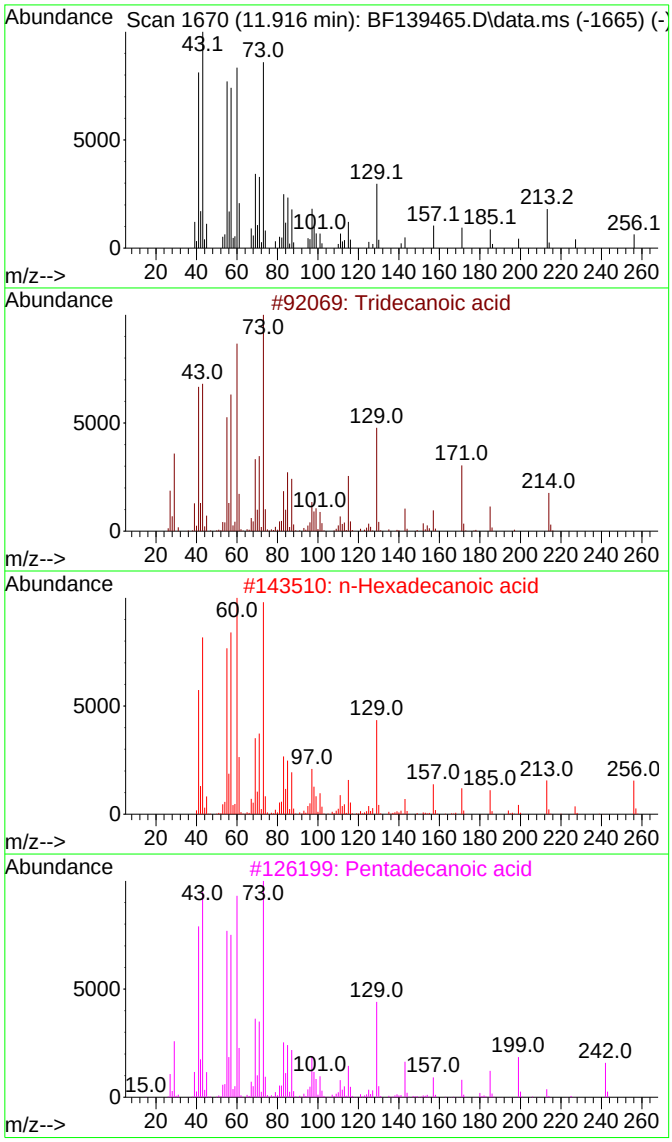
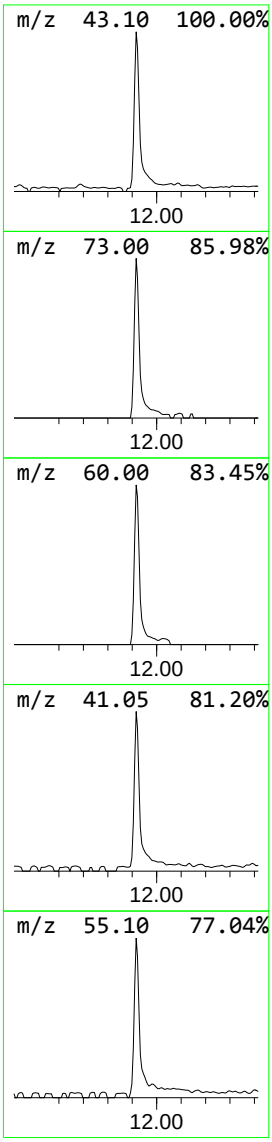
Peak Number 4 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	3.95 ng	128108	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





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ClientSampleId :
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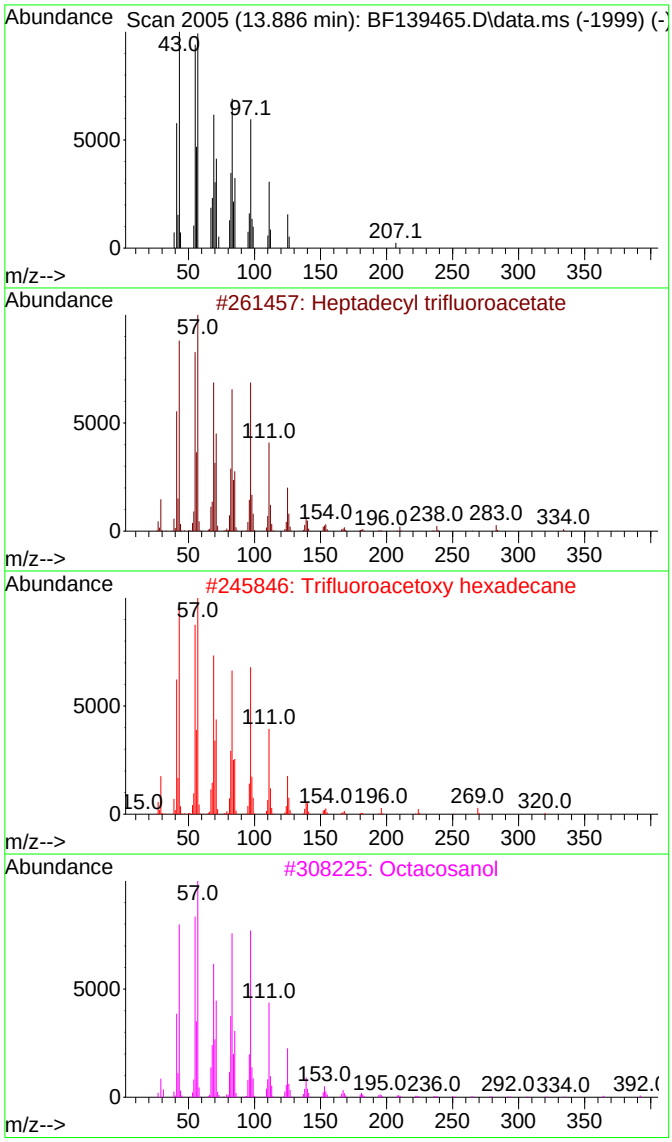
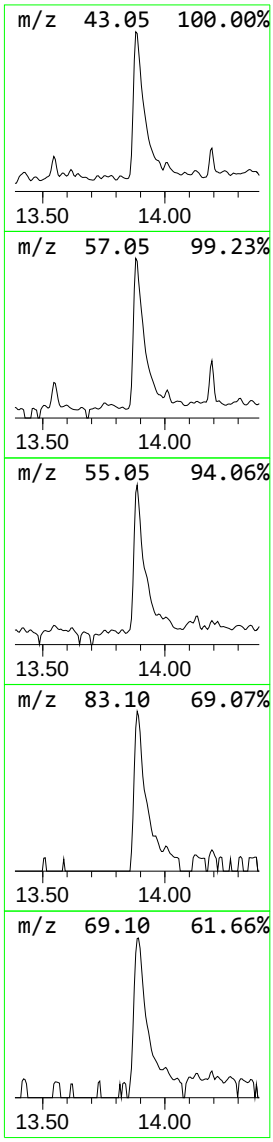
Peak Number 5 Heptadecyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	5.15 ng	92832	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3	Octacosanol	410	C28H58O	000557-61-9	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	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...	2.199	44.0	ng	1119640	1	6.875	508999	20.0
2-Pentanone, 4-...	5.099	5.9	ng	149356	1	6.875	508999	20.0
Benzophenone	10.622	2.3	ng	76178	3	9.910	665774	20.0
Tridecanoic acid	11.916	4.0	ng	128108	4	11.392	649133	20.0
Heptadecyl trif...	13.886	5.2	ng	92832	5	14.027	360473	20.0