LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139638.D
Acq On : 03 Oct 2024 18:26
Operator : RC/JU
Sample : P4236-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2

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: BF139638.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	10	17	rVB	1289807	2007641	100.00%	15.018%
2	2.487	48	67	73	rVB	42345	111408	5.55%	0.833%
3	5.075	498	507	515	rBV	84769	125802	6.27%	0.941%
4	5.481	571	576	591	rBV	1002093	1341512	66.82%	10.035%
5	6.492	742	748	753	rBV	1070860	1360125	67.75%	10.174%
6	6.863	806	811	816	rBV	393801	473945	23.61%	3.545%
7	7.422	901	906	911	rBV	698765	897801	44.72%	6.716%
8	8.145	1024	1029	1034	rBV	495798	607072	30.24%	4.541%
9	9.222	1206	1212	1222	rBV	1178145	1524364	75.93%	11.403%
10	9.898	1322	1327	1332	rBV	560993	678908	33.82%	5.079%
11	10.610	1443	1448	1456	rBV	38130	46238	2.30%	0.346%
12	10.686	1456	1461	1472	rBV	708358	900469	44.85%	6.736%
13	11.386	1575	1580	1588	rBV	562796	707952	35.26%	5.296%
14	11.910	1662	1669	1681	rBV3	67137	112135	5.59%	0.839%
15	12.598	1782	1786	1790	rBV	30699	36540	1.82%	0.273%
16	12.827	1819	1825	1830	rVB	26486	37126	1.85%	0.278%
17	12.968	1844	1849	1854	rBV	1053613	1289319	64.22%	9.645%
18	13.880	1998	2004	2016	rBV2	25920	67136	3.34%	0.502%
19	14.021	2023	2028	2038	rVB	389731	524638	26.13%	3.925%
20	15.062	2201	2205	2213	rVB	12147	25166	1.25%	0.188%
21	15.492	2272	2278	2291	rVB	324246	492882	24.55%	3.687%

Sum of corrected areas: 13368179

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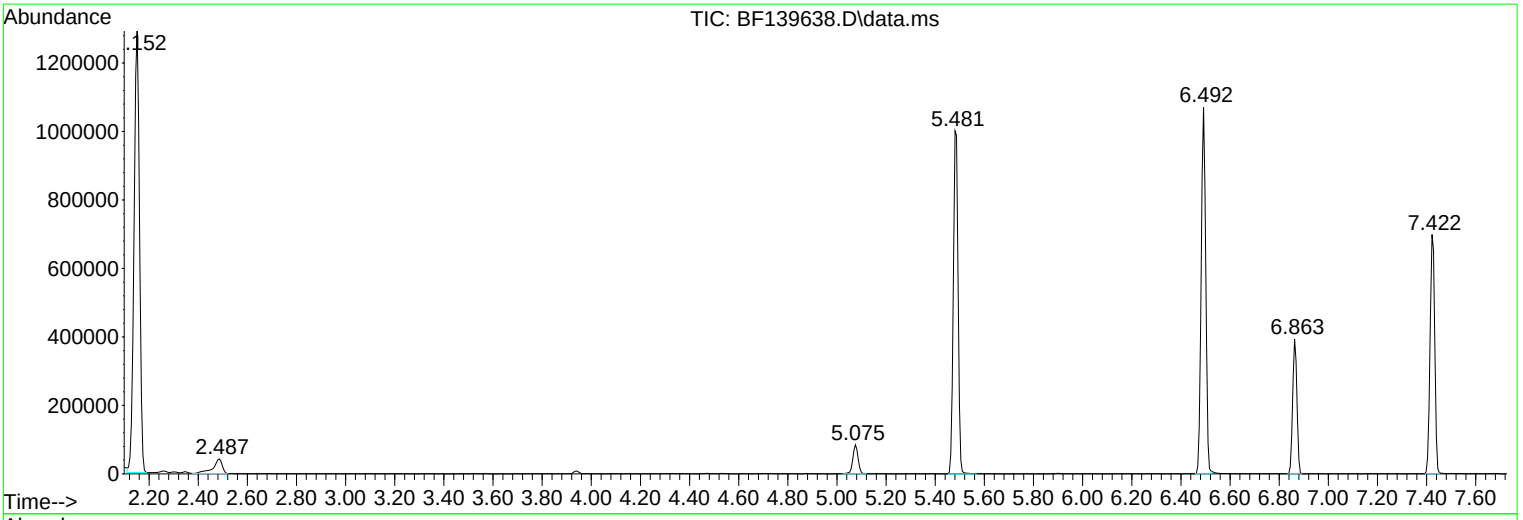
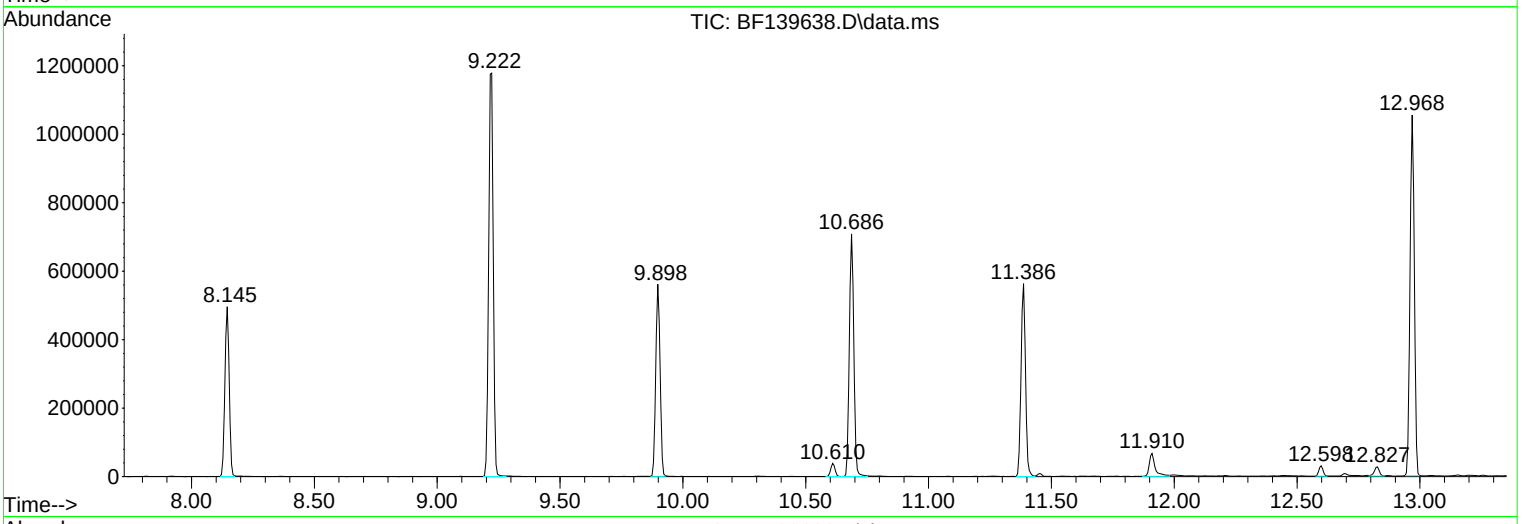
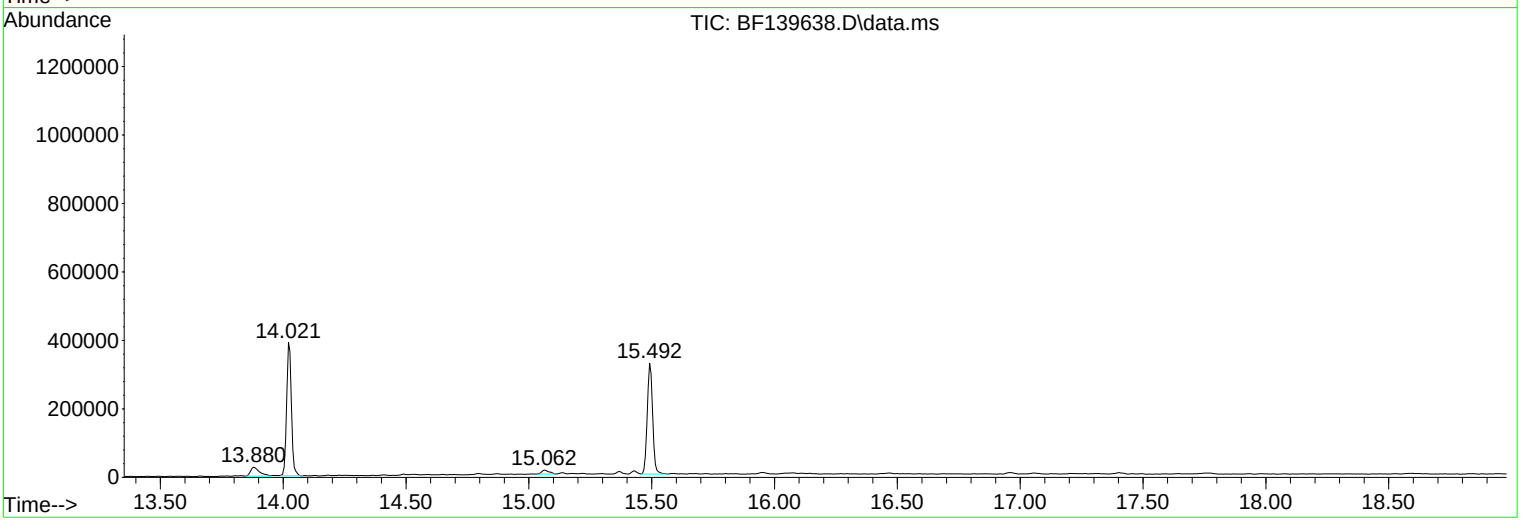
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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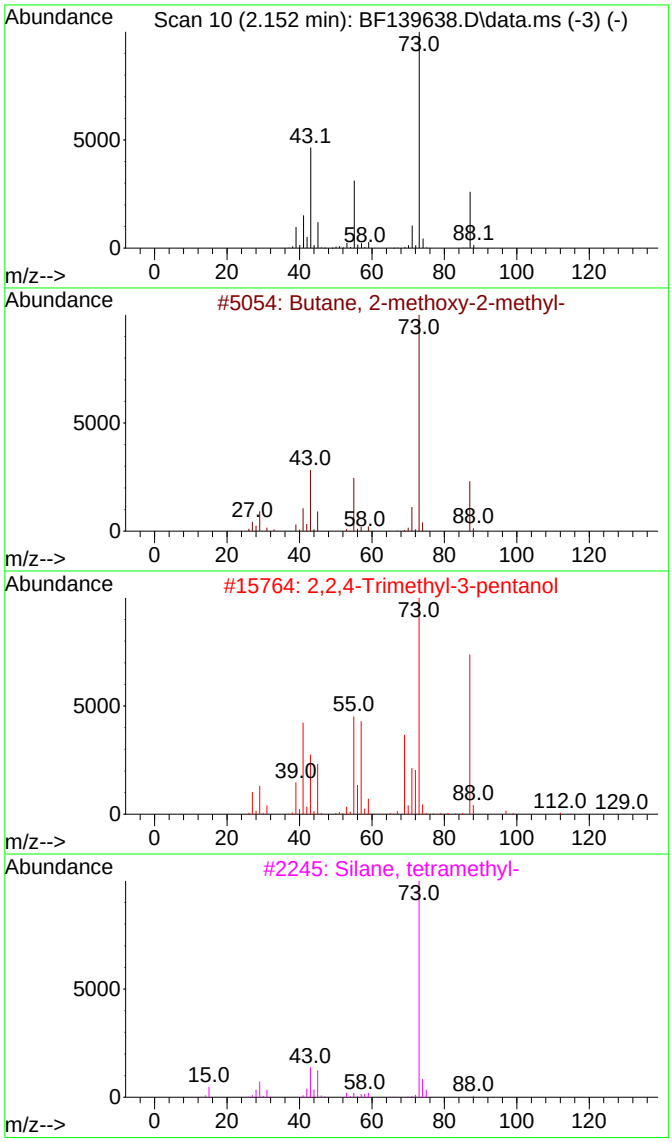
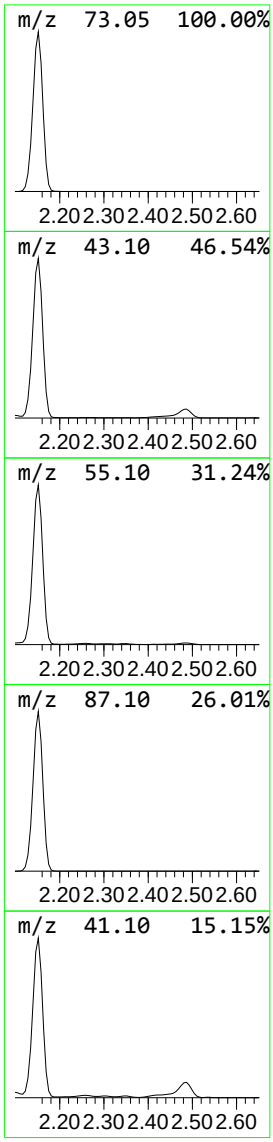
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	84.72 ng	2007640	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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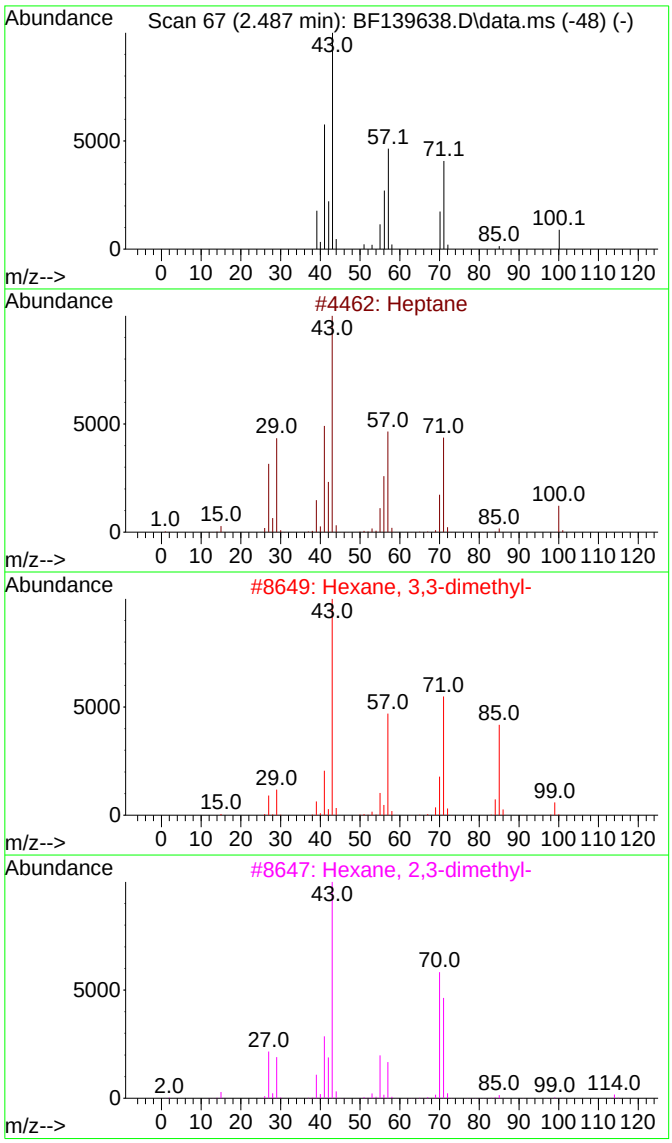
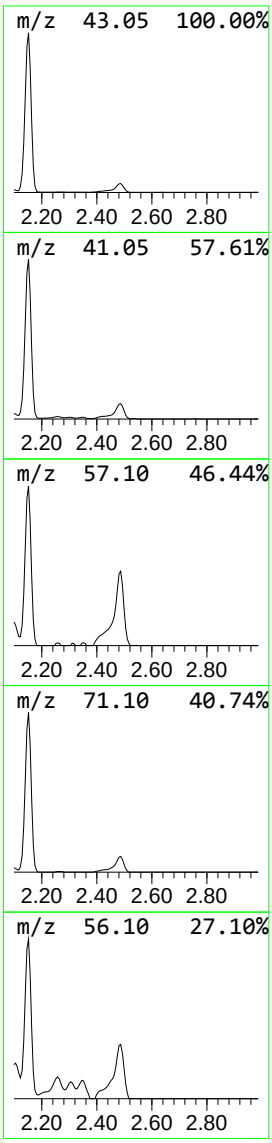
Peak Number 2 Heptane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.487	4.70 ng	111408	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	45
4	Octane	114	C8H18	000111-65-9	45
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	42





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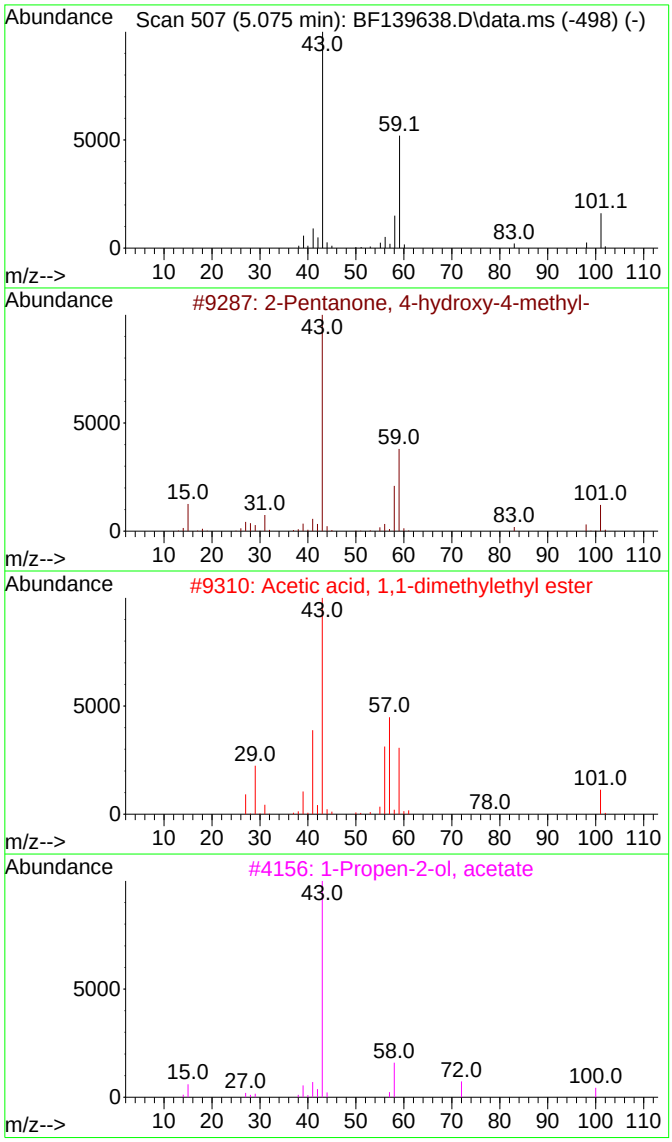
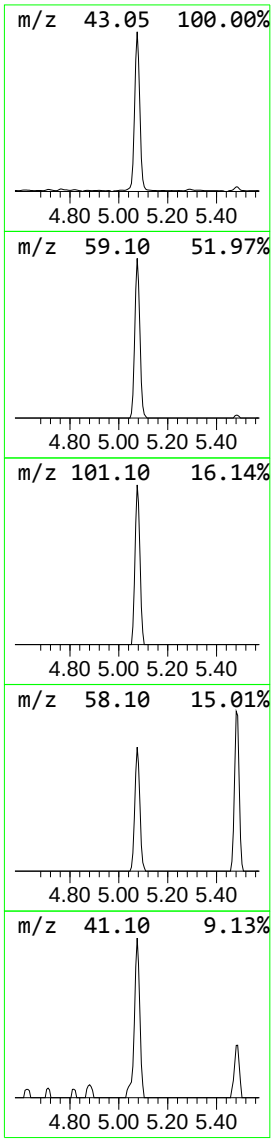
****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	5.31 ng	125802	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	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	9





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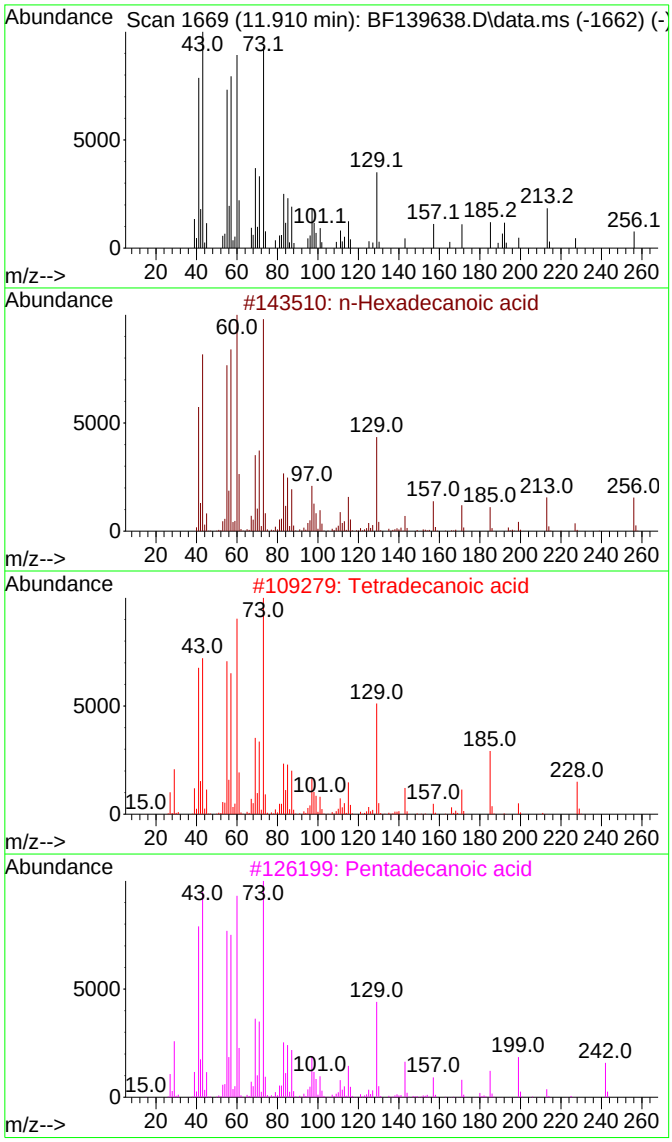
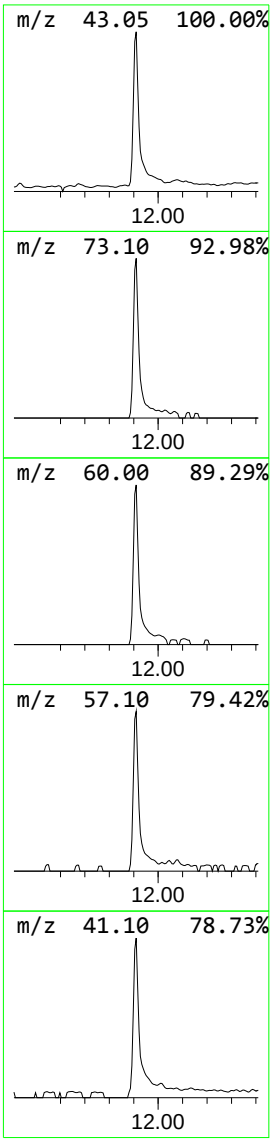
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	3.17 ng	112135	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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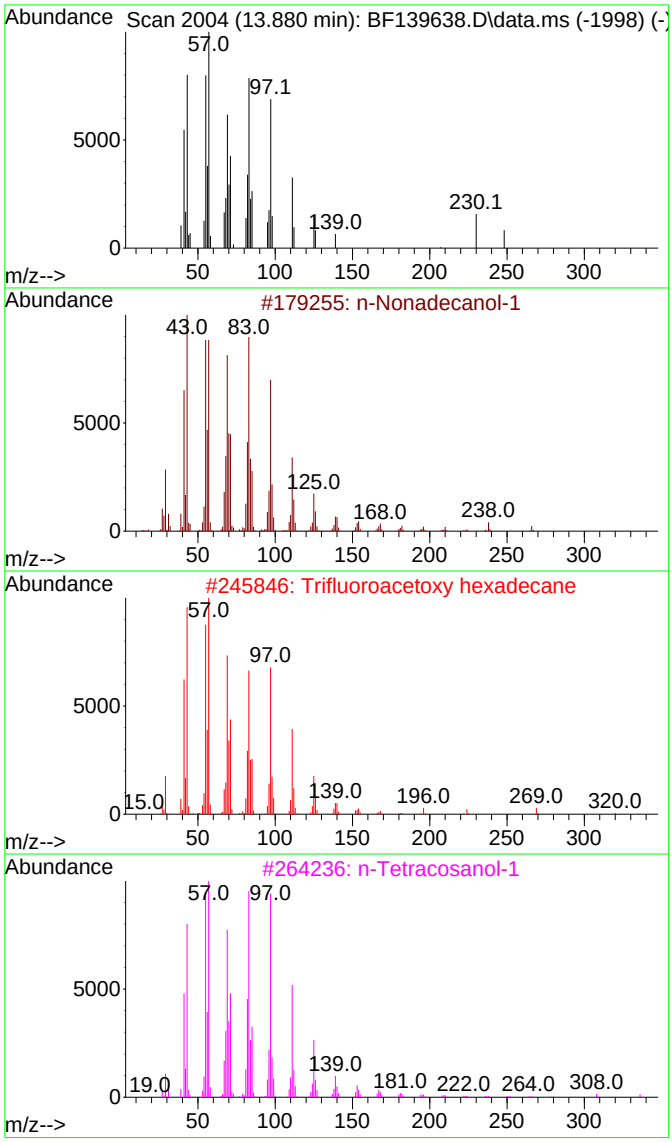
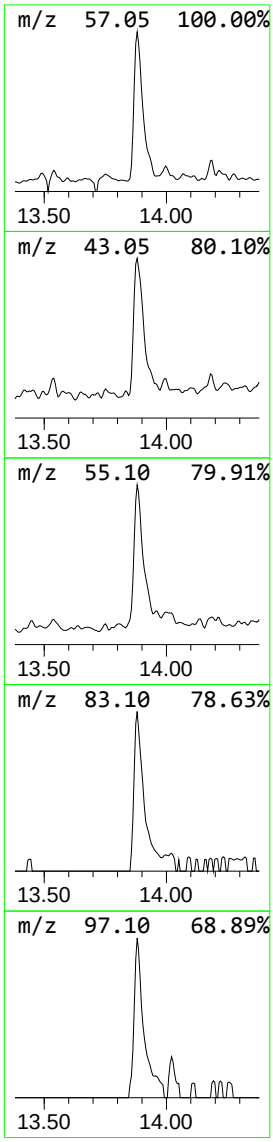
****

Peak Number 5 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	2.56 ng	67136	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	93
5	1-Heptacosanol	396	C27H56O	002004-39-9	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...	2.152	84.7	ng	2007640	1	6.863	473945	20.0
Heptane	2.487	4.7	ng	111408	1	6.863	473945	20.0
2-Pentanone, 4-...	5.075	5.3	ng	125802	1	6.863	473945	20.0
n-Hexadecanoic ...	11.910	3.2	ng	112135	4	11.386	707952	20.0
n-Nonadecanol-1	13.880	2.6	ng	67136	5	14.021	524638	20.0