LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139410.D
Acq On : 17 Sep 2024 19:01
Operator : RC/JU
Sample : P4002-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

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: BF139410.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	5	12	19	rVB	447688	677837	90.65%	9.380%
2	5.087	501	509	518	rBV	36699	52096	6.97%	0.721%
3	5.493	572	578	583	rBV	584237	739581	98.91%	10.234%
4	6.498	744	749	757	rVB	585764	747765	100.00%	10.347%
5	6.710	780	785	794	rVB2	11644	14625	1.96%	0.202%
6	6.875	808	813	819	rVB	340821	426383	57.02%	5.900%
7	7.434	899	908	913	rBV	374933	483277	64.63%	6.688%
8	7.469	913	914	918	rVB	15799	12722	1.70%	0.176%
9	7.692	948	952	959	rVB	12402	15469	2.07%	0.214%
10	8.157	1023	1031	1036	rBV	387050	475176	63.55%	6.575%
11	9.228	1208	1213	1219	rBV	562347	714925	95.61%	9.893%
12	9.910	1324	1329	1334	rBV	342465	413998	55.36%	5.729%
13	10.622	1445	1450	1455	rVB	28820	34737	4.65%	0.481%
14	10.698	1457	1463	1472	rVV	267269	349613	46.75%	4.838%
15	11.392	1576	1581	1589	rBV	303013	393641	52.64%	5.447%
16	11.916	1665	1670	1683	rBV	56984	90312	12.08%	1.250%
17	12.604	1784	1787	1797	rBV	4999	8393	1.12%	0.116%
18	12.704	1799	1804	1812	rBV5	11959	23745	3.18%	0.329%
19	12.833	1822	1826	1829	rBV	6580	8539	1.14%	0.118%
20	12.974	1845	1850	1855	rBV	478899	601989	80.51%	8.330%
21	13.504	1928	1940	1965	rVB	54363	374064	50.02%	5.176%
22	13.874	1998	2003	2011	rBV	31427	61841	8.27%	0.856%
23	14.027	2024	2029	2039	rBV	220580	300020	40.12%	4.152%
24	15.498	2274	2279	2288	rVB	127354	205822	27.52%	2.848%

Sum of corrected areas: 7226570

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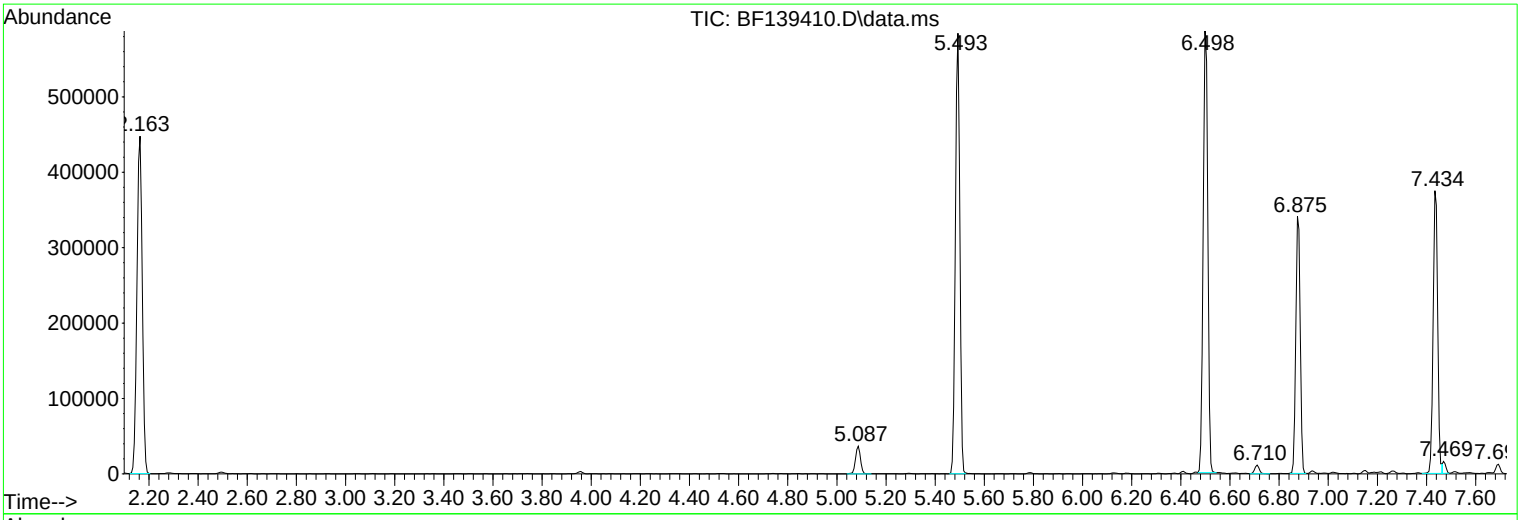
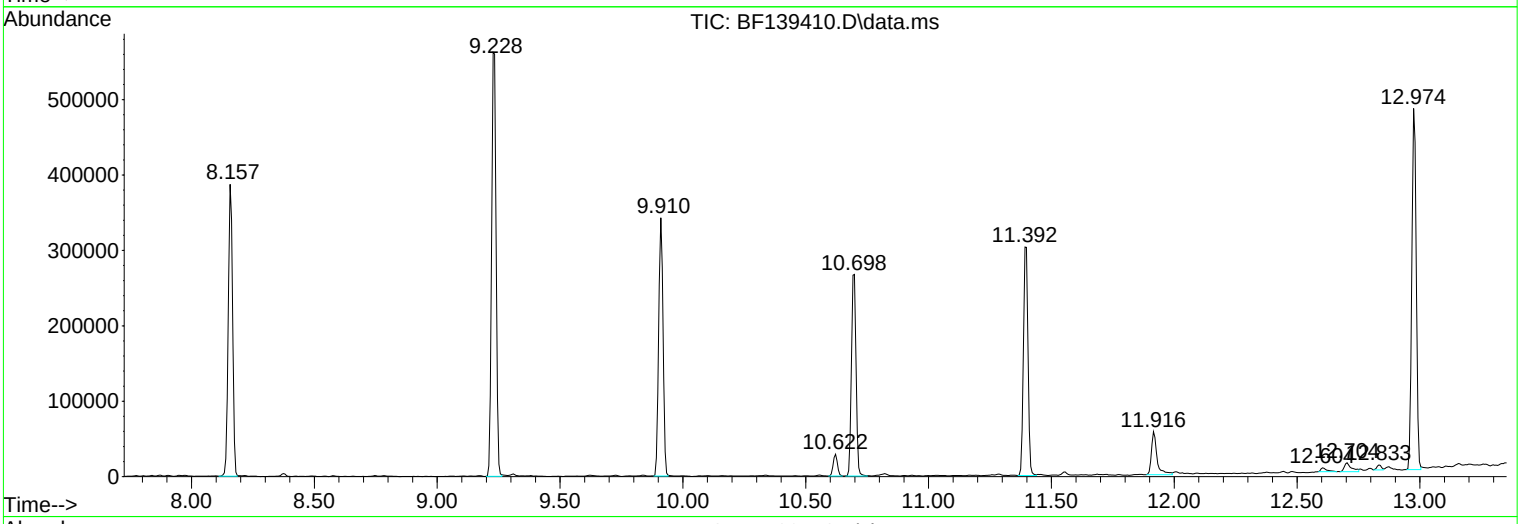
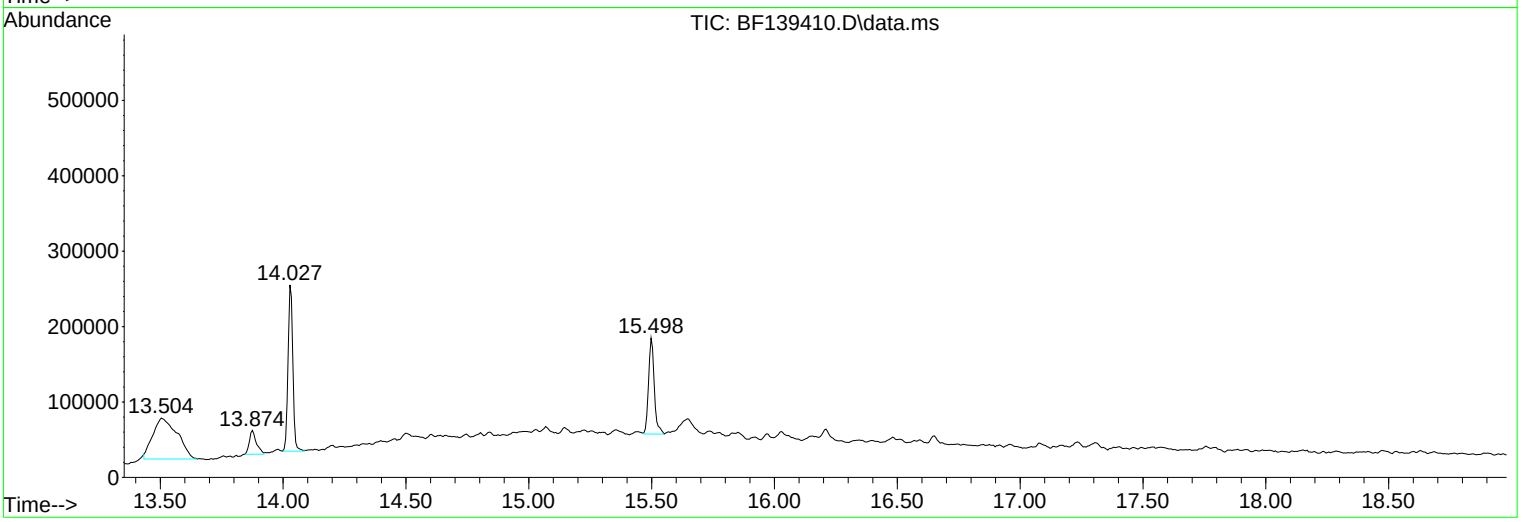
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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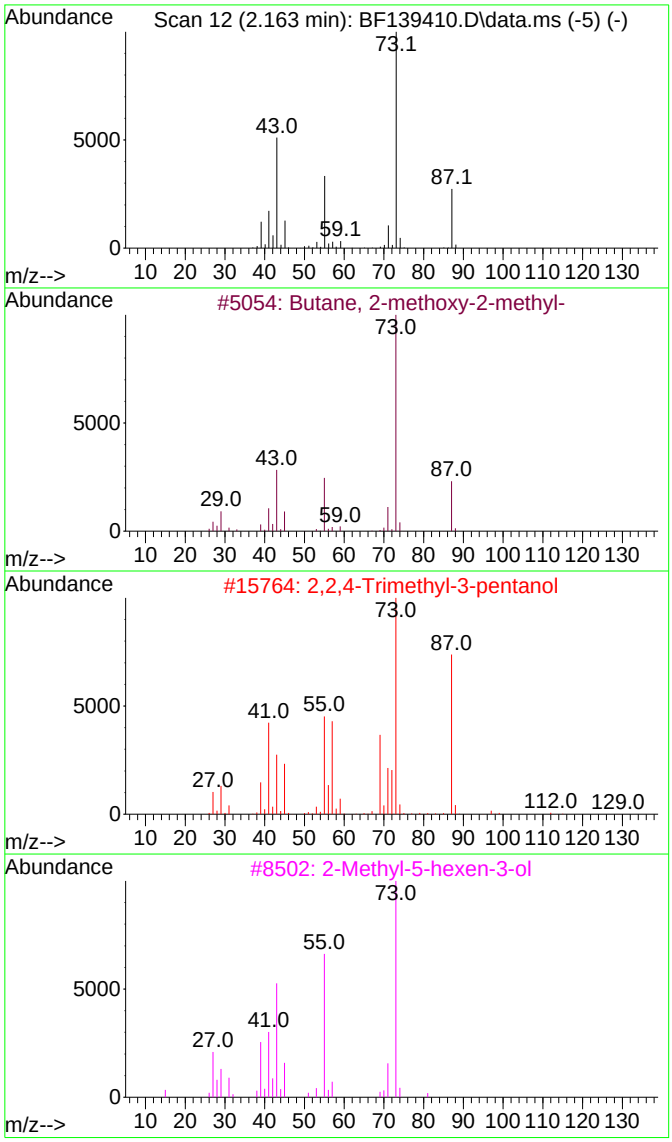
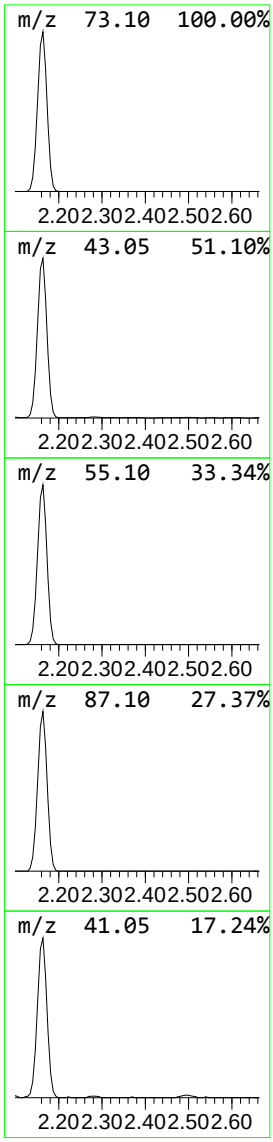
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	31.79 ng	677837	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	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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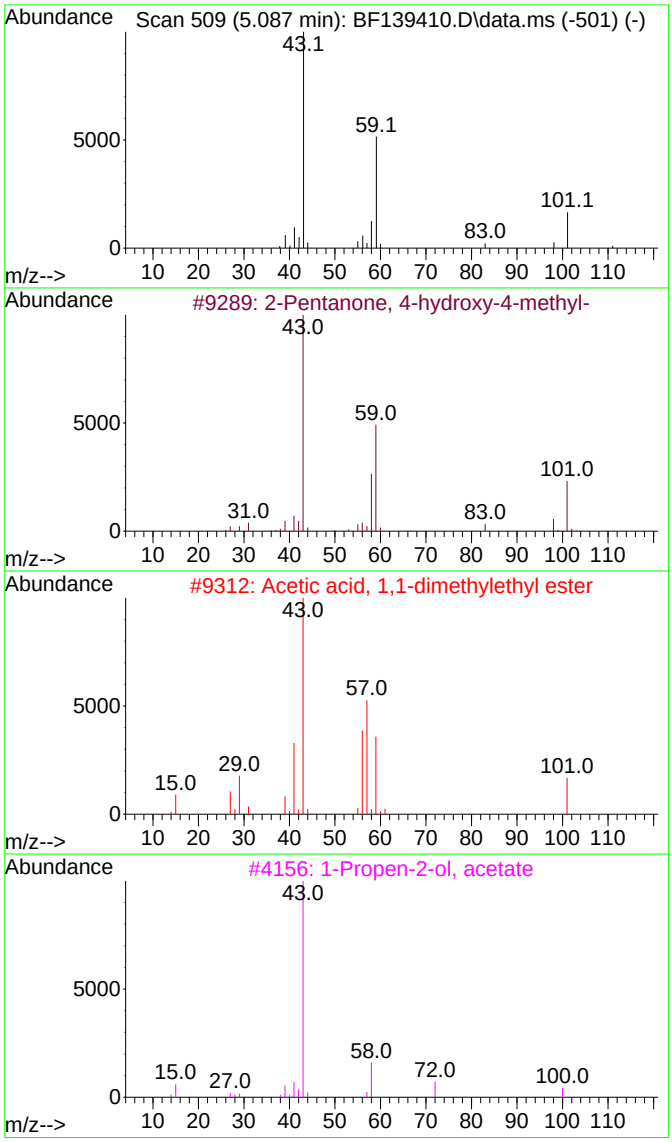
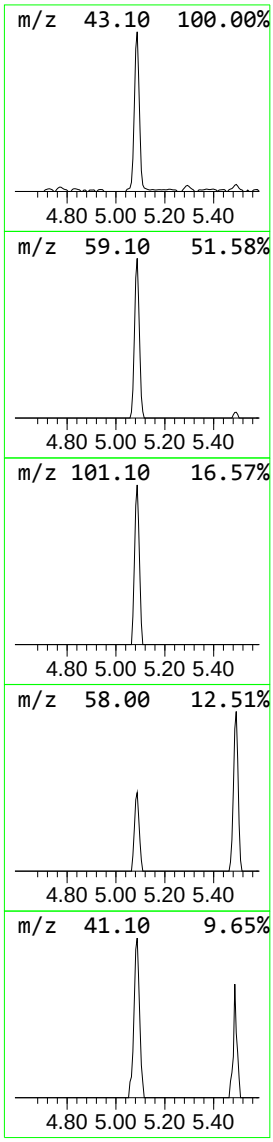
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	2.44 ng	52096	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	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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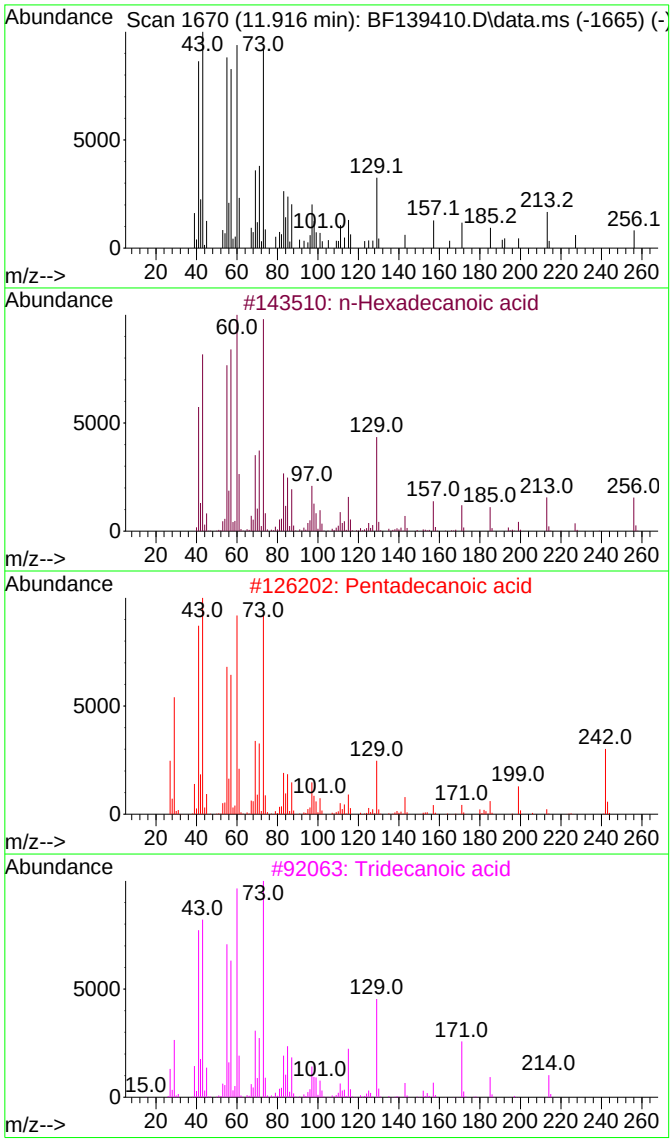
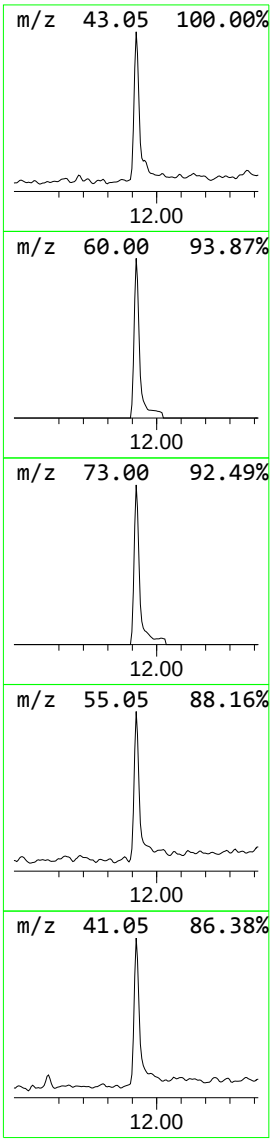
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	4.59 ng	90312	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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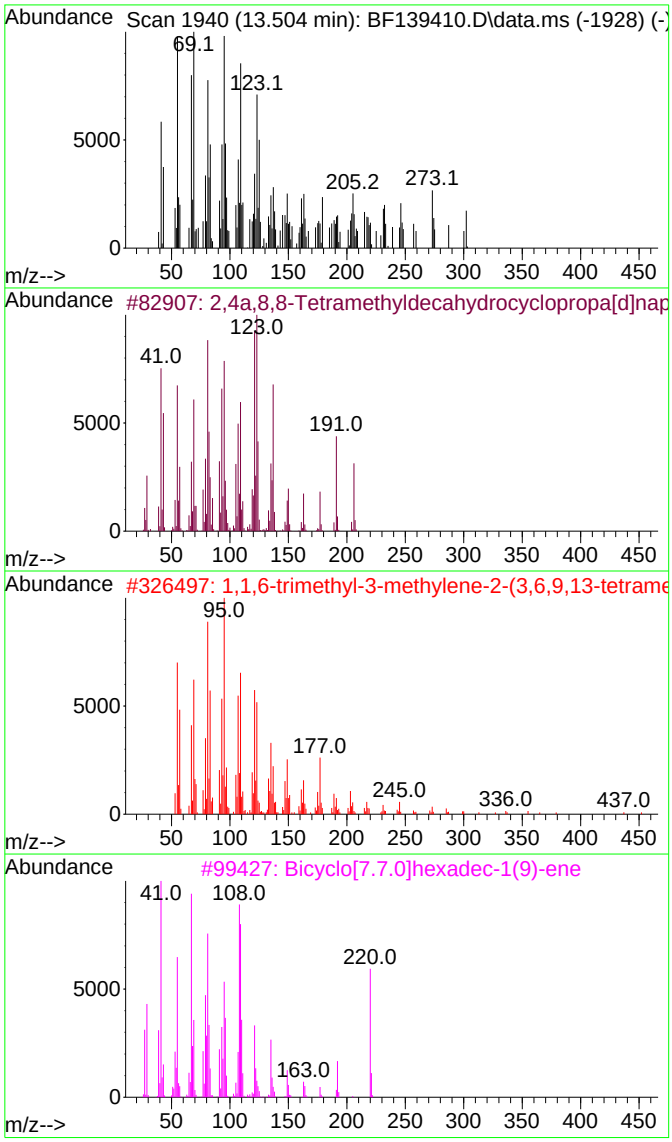
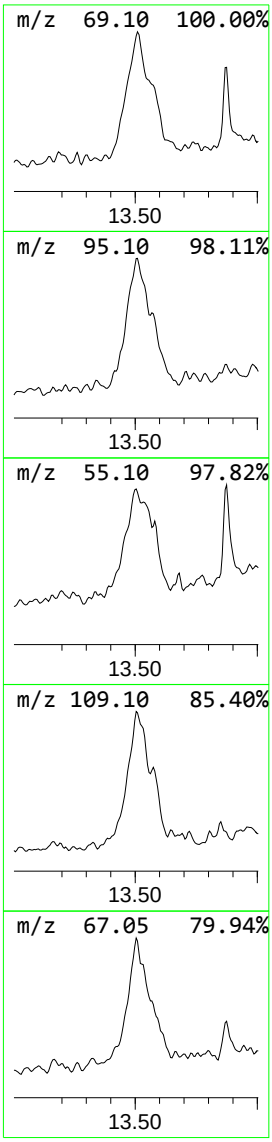
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,4a,8,8-Tetramethyldecahyd... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.504	24.94 ng	374064	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	81
2	1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	49
3	Bicyclo[7.7.0]hexadec-1(9)-ene	220	C16H28	1010159-39-6	45
4	(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	42
5	2(1H)-Naphthalenone, 5-[2-(3-fur...	302	C20H30O2	059742-40-4	42





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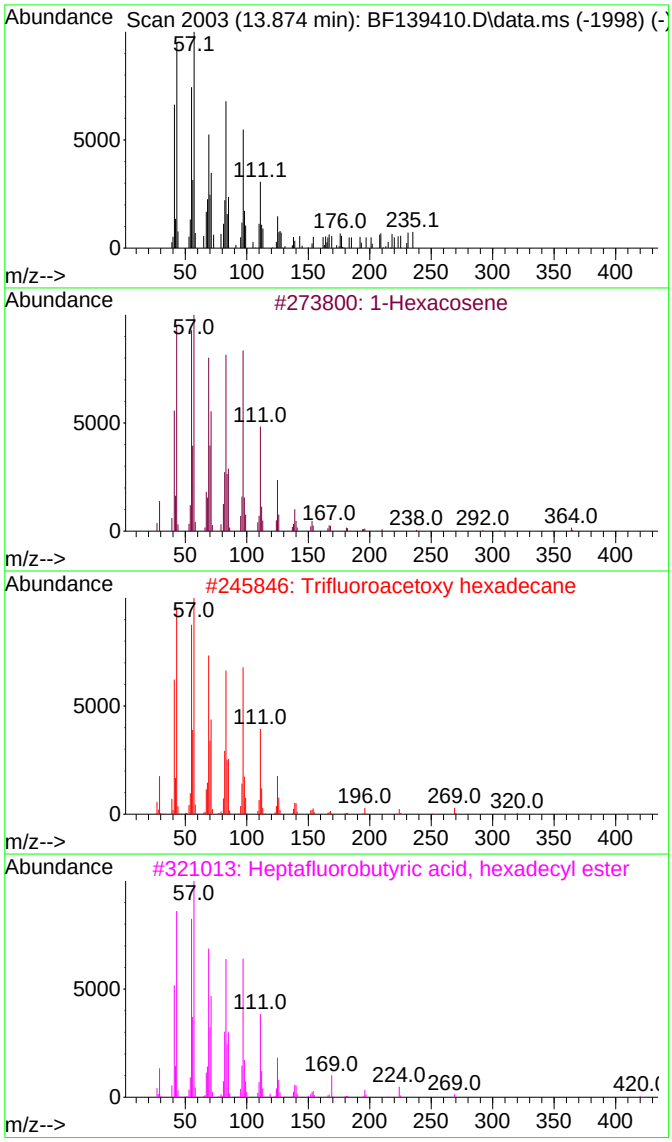
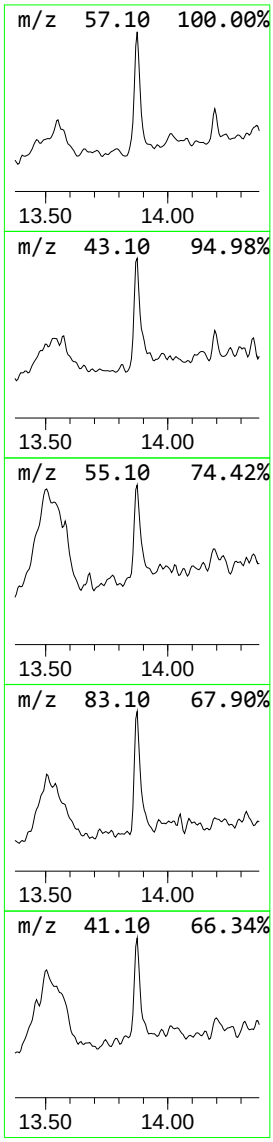
Peak Number 5 1-Hexacosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	4.12 ng	61841	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	90
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	81
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	81
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	81
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	81





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...	2.163	31.8	ng	677837	1	6.875	426383	20.0
2-Pentanone, 4-...	5.087	2.4	ng	52096	1	6.875	426383	20.0
n-Hexadecanoic ...	11.916	4.6	ng	90312	4	11.398	393641	20.0
2,4a,8,8-Tetram...	13.504	24.9	ng	374064	5	14.027	300020	20.0
1-Hexacosene	13.874	4.1	ng	61841	5	14.027	300020	20.0