LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134735.D
Acq On : 11 Aug 2023 16:34
Operator : CG\JU
Sample : 03971-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-PP04B

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134735.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	13	17	24	rVB	36811	53859	1.97%	0.245%
2	4.410	391	395	402	rBV	987967	1168669	42.84%	5.326%
3	5.034	497	501	510	rVB	229009	279302	10.24%	1.273%
4	5.434	564	569	572	rBV	2793430	2664479	97.67%	12.143%
5	6.434	734	739	742	rBV	2940090	2648167	97.07%	12.069%
6	6.798	797	801	804	rBV	1408392	1073252	39.34%	4.891%
7	7.357	891	896	899	rBV	1939637	1707889	62.60%	7.783%
8	8.075	1014	1018	1021	rBV	1641994	1302572	47.75%	5.936%
9	9.151	1197	1201	1213	rBV	3048678	2728069	100.00%	12.433%
10	9.269	1218	1221	1231	rVB	36345	45185	1.66%	0.206%
11	9.833	1313	1317	1329	rVB	1265964	1197284	43.89%	5.456%
12	10.621	1447	1451	1462	rBV	1370473	1344110	49.27%	6.126%
13	10.757	1469	1474	1481	rVB	25879	37395	1.37%	0.170%
14	11.321	1566	1570	1573	rBV	1232739	1073222	39.34%	4.891%
15	11.857	1657	1661	1669	rBV	161542	197077	7.22%	0.898%
16	12.645	1792	1795	1801	rBV2	37426	43529	1.60%	0.198%
17	12.915	1837	1841	1844	rBV	2500916	2284328	83.73%	10.410%
18	13.151	1876	1881	1886	rBV	27624	31538	1.16%	0.144%
19	13.827	1992	1996	2005	rBV	158669	199630	7.32%	0.910%
20	13.968	2016	2020	2032	rVB	1079936	1070206	39.23%	4.877%
21	15.439	2265	2270	2277	rBV	571214	748347	27.43%	3.410%
22	15.862	2339	2342	2348	rVB5	29909	44607	1.64%	0.203%

Sum of corrected areas: 21942716

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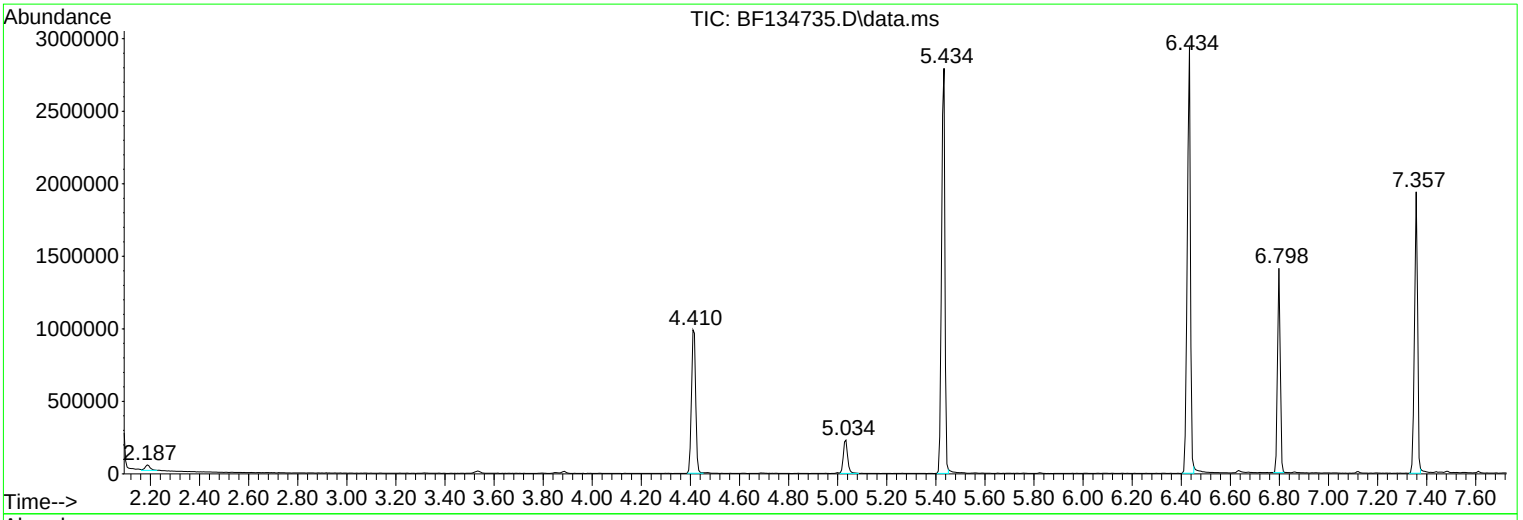
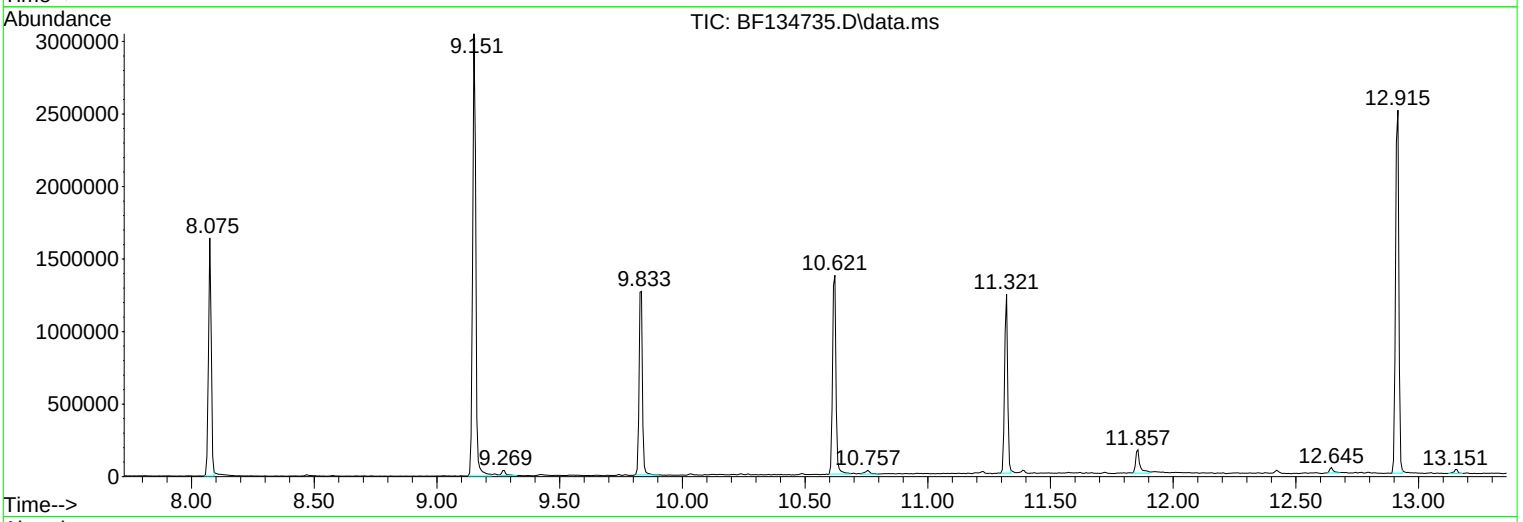
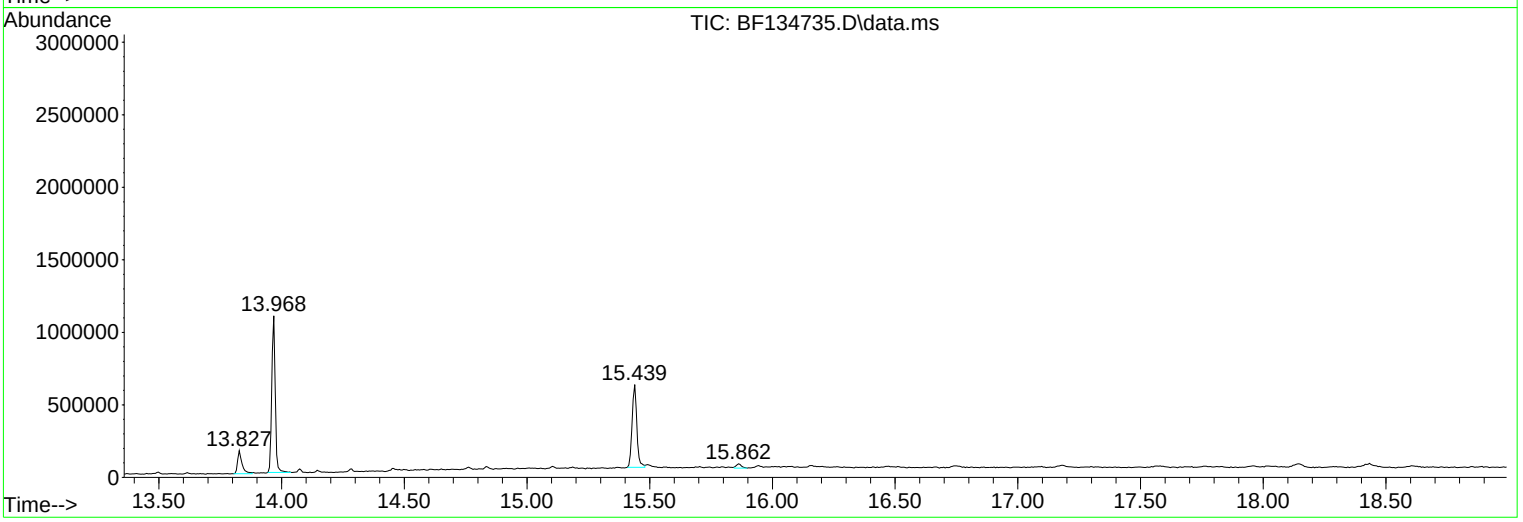
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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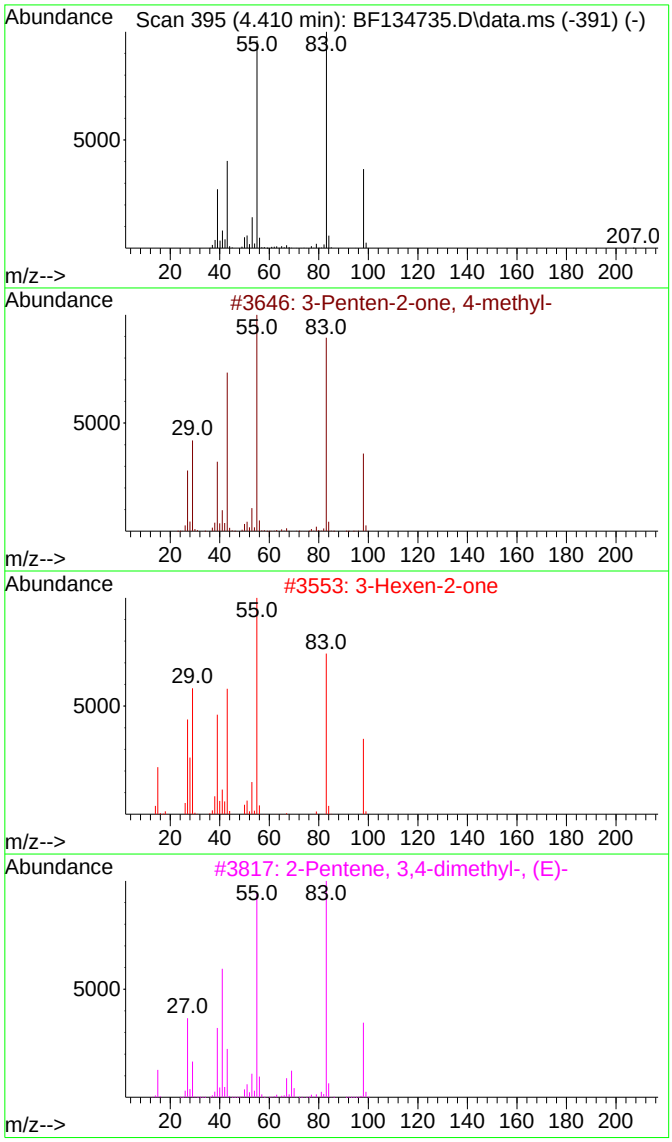
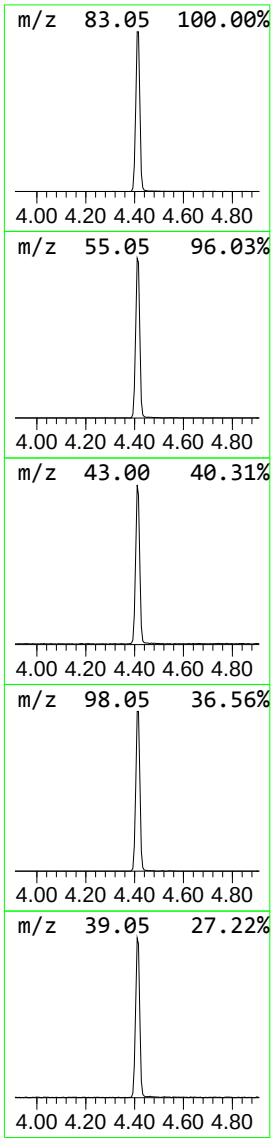
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.410	21.78 ng	1168670	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86





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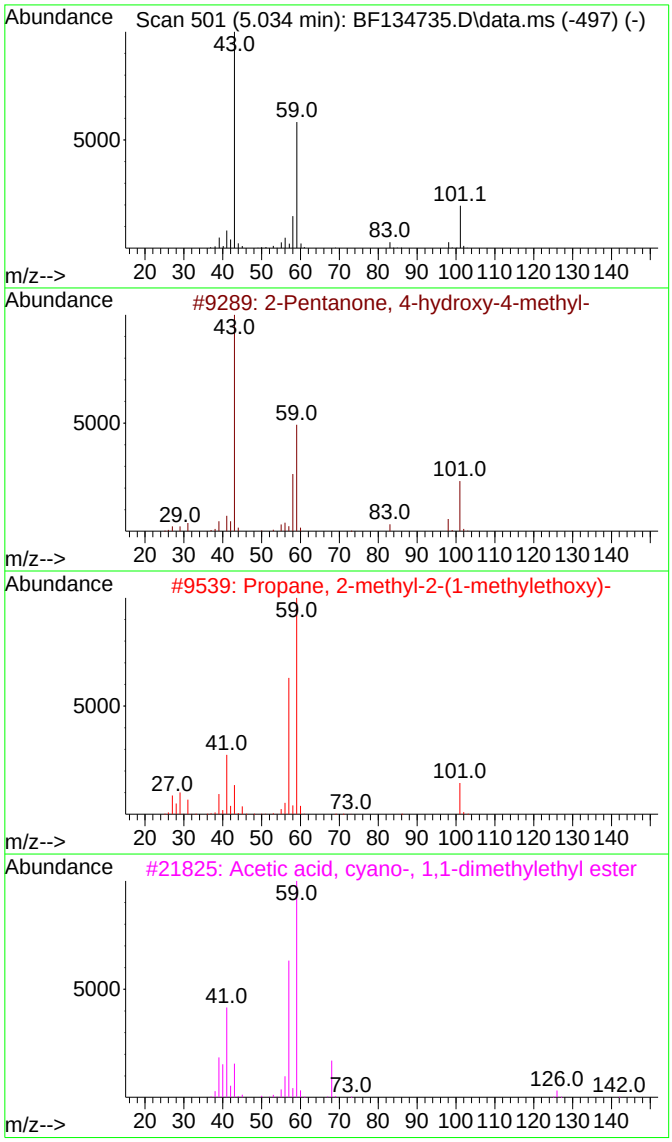
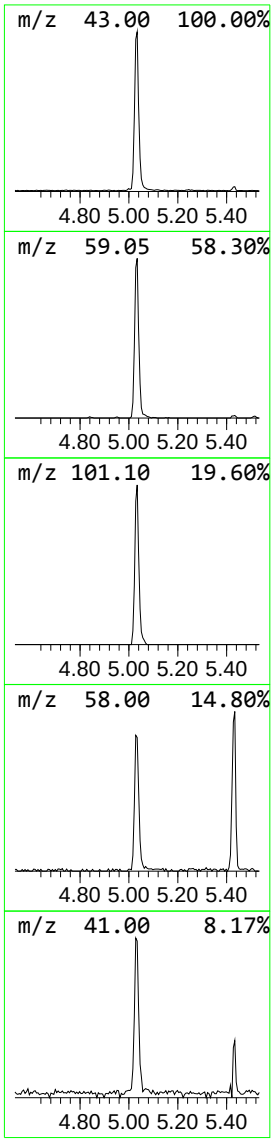
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.034	5.20 ng	279302	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	9





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Sample : 03971-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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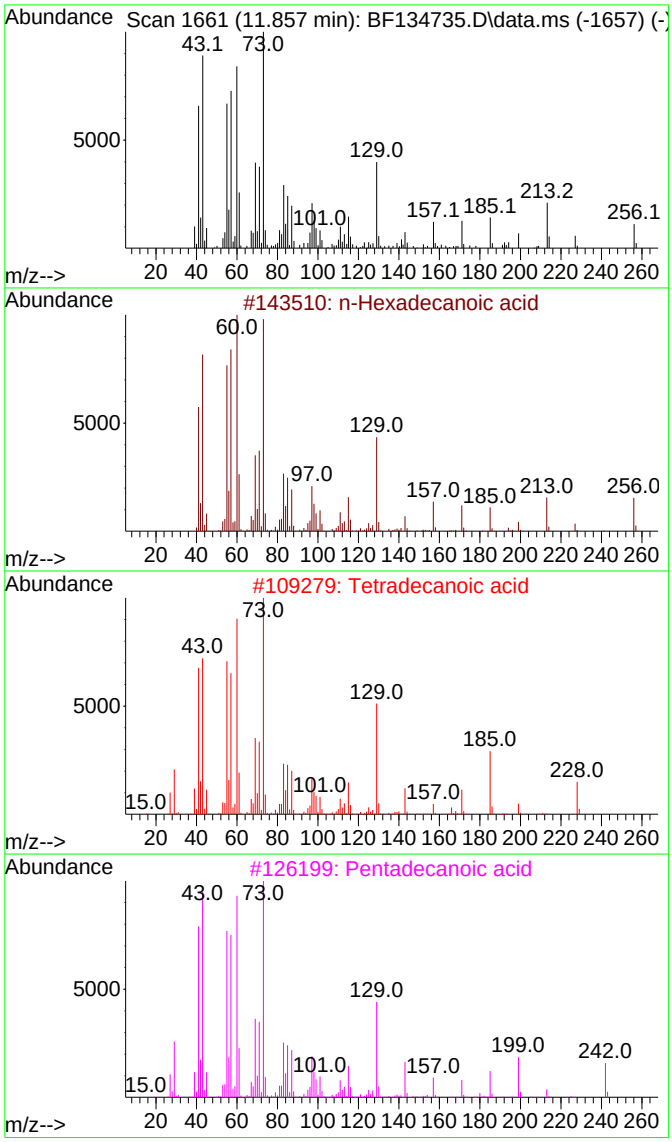
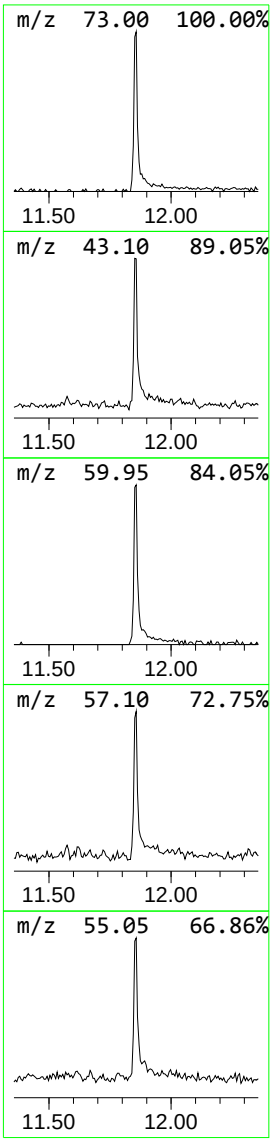
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	3.67 ng	197077	Phenanthrene-d10	11.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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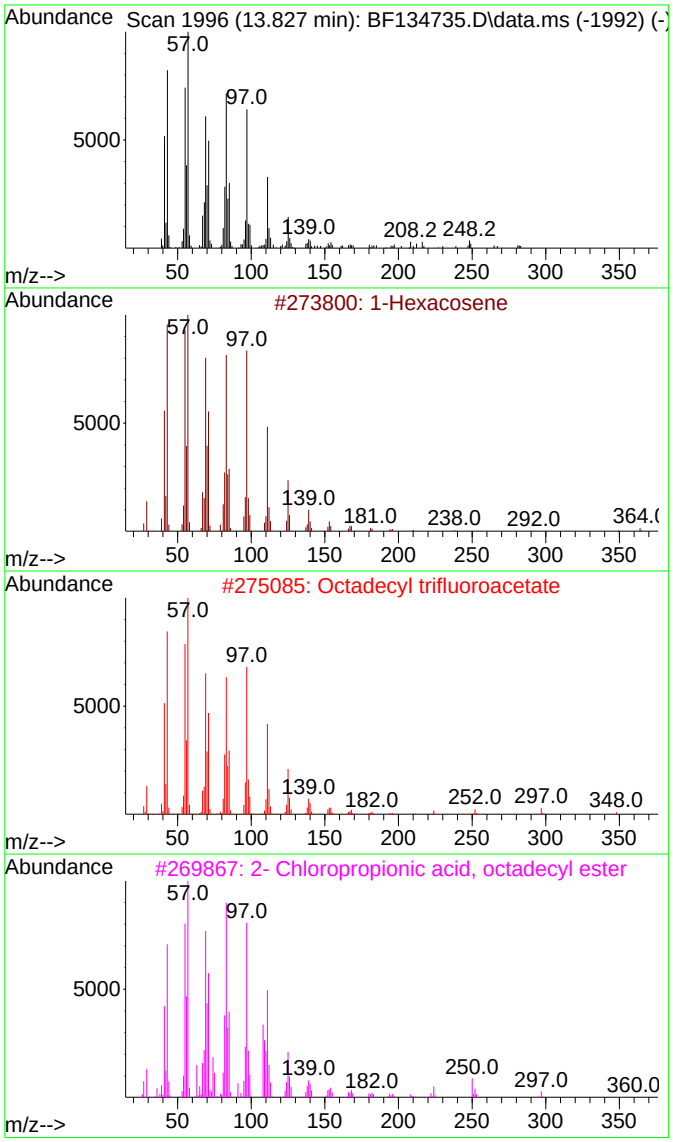
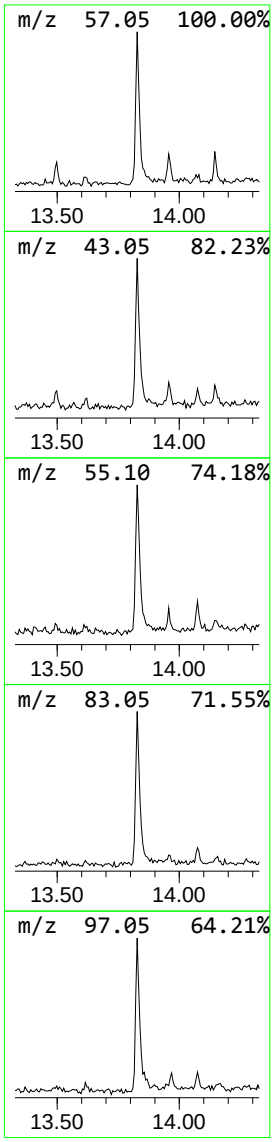
Peak Number 4 1-Hexacosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	3.73 ng	199630	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one,...	4.410	21.8	ng	1168670	1	6.798	1073250	20.0
2-Pentanone, 4-...	5.034	5.2	ng	279302	1	6.798	1073250	20.0
n-Hexadecanoic ...	11.857	3.7	ng	197077	4	11.321	1073220	20.0
1-Hexacosene	13.827	3.7	ng	199630	5	13.968	1070210	20.0