LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123812.D
Acq On : 4 May 2021 17:10
Operator : JU/CG
Sample : M2263-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

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-BF042721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123812.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	4	9	15	rBV	241926	294614	4.11%	0.588%
2	5.010	494	497	506	rVB	318074	383312	5.35%	0.766%
3	5.422	563	567	571	rBV	6858447	6573964	91.70%	13.131%
4	6.440	735	740	743	rBV	6708847	6928439	96.64%	13.839%
5	6.798	797	801	804	rBV	1841920	1410350	19.67%	2.817%
6	7.363	892	897	900	rBV	4921498	4541646	63.35%	9.071%
7	8.081	1015	1019	1023	rBV	2127092	1823473	25.44%	3.642%
8	9.163	1198	1203	1206	rBV	8194612	6889652	96.10%	13.761%
9	9.551	1266	1269	1272	rBV	209913	159227	2.22%	0.318%
10	9.839	1314	1318	1321	rBV	2413374	1972769	27.52%	3.940%
11	10.627	1447	1452	1455	rBV	5339917	4994476	69.67%	9.976%
12	11.180	1539	1546	1551	rBV2	72195	85792	1.20%	0.171%
13	11.322	1567	1570	1574	rBV	2269281	2080506	29.02%	4.156%
14	11.863	1657	1662	1671	rBV2	217503	298187	4.16%	0.596%
15	12.916	1836	1841	1844	rBV	7766054	7169147	100.00%	14.320%
16	13.827	1992	1996	2014	rBV2	404949	1213977	16.93%	2.425%
17	13.968	2015	2020	2023	rVB	1844822	1665057	23.23%	3.326%
18	14.486	2103	2108	2113	rBV6	42586	110579	1.54%	0.221%
19	15.421	2261	2267	2271	rBV	1139006	1389754	19.39%	2.776%
20	15.886	2342	2346	2350	rVB	61591	80610	1.12%	0.161%

Sum of corrected areas: 50065531

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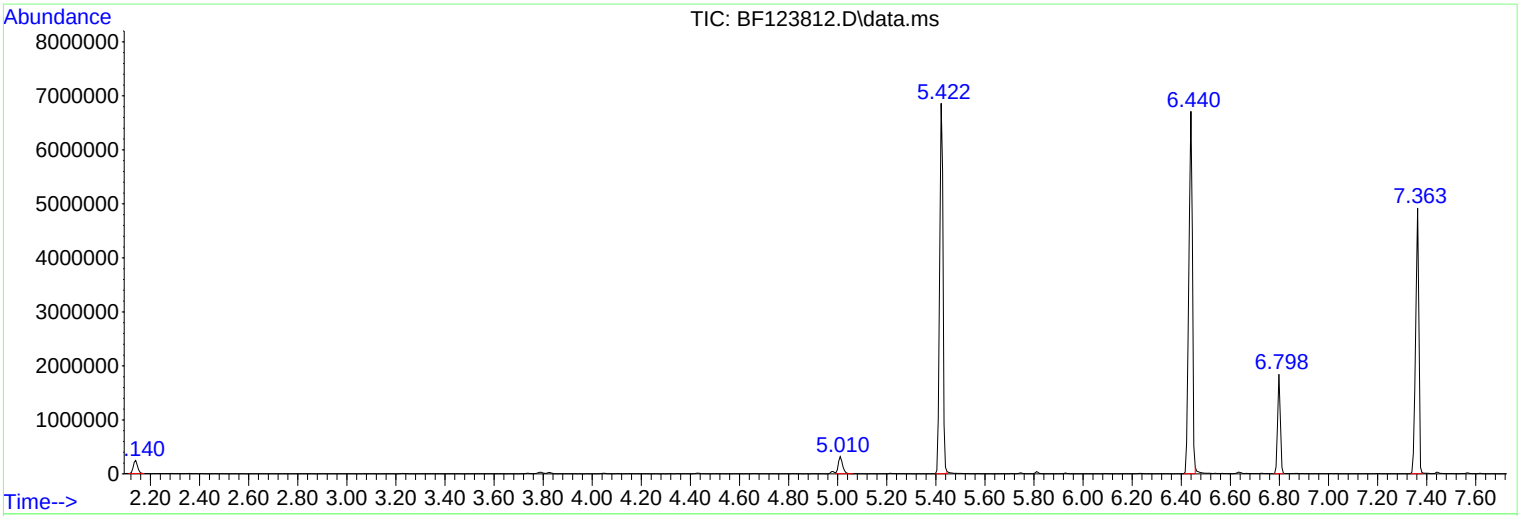
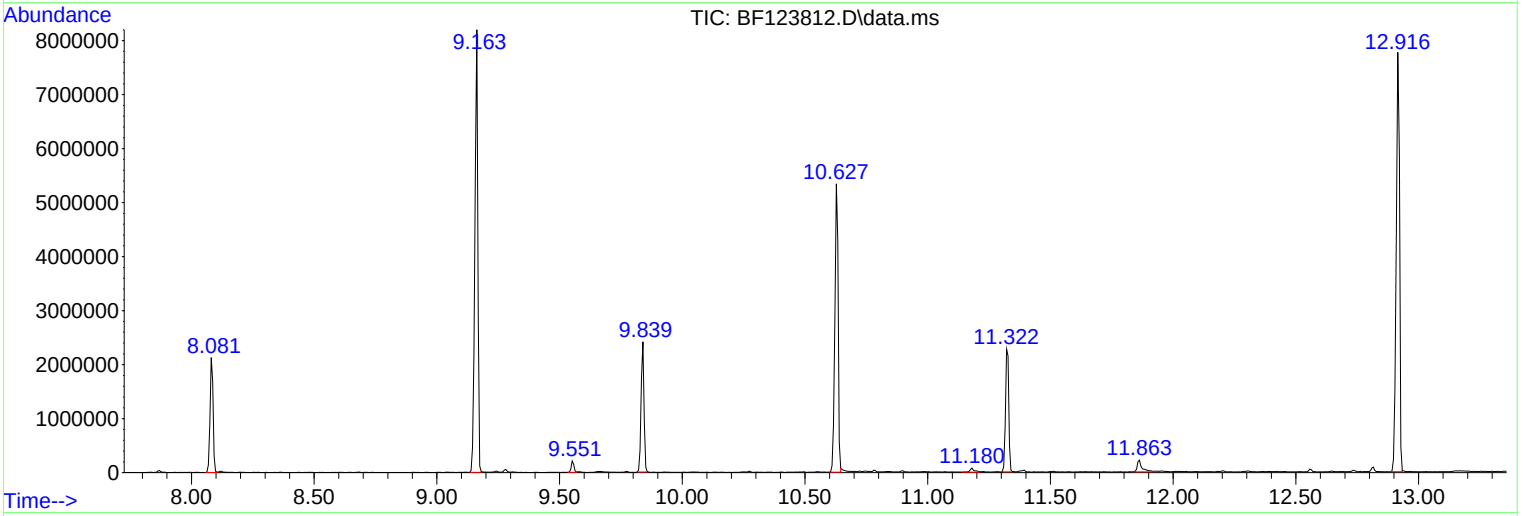
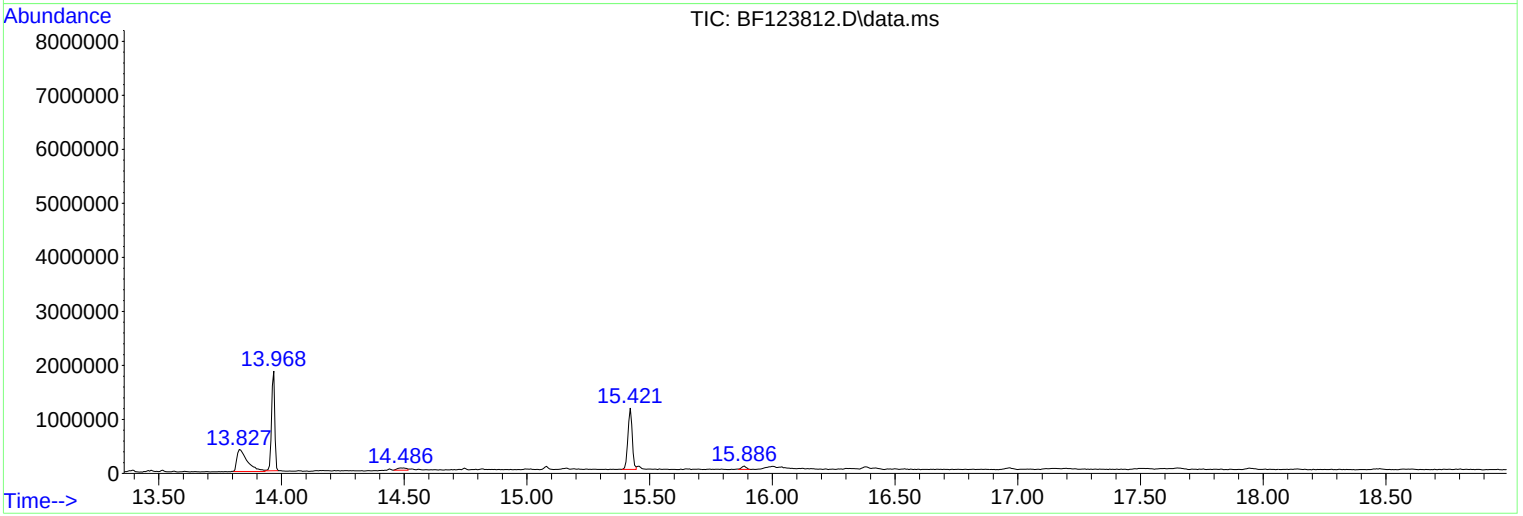
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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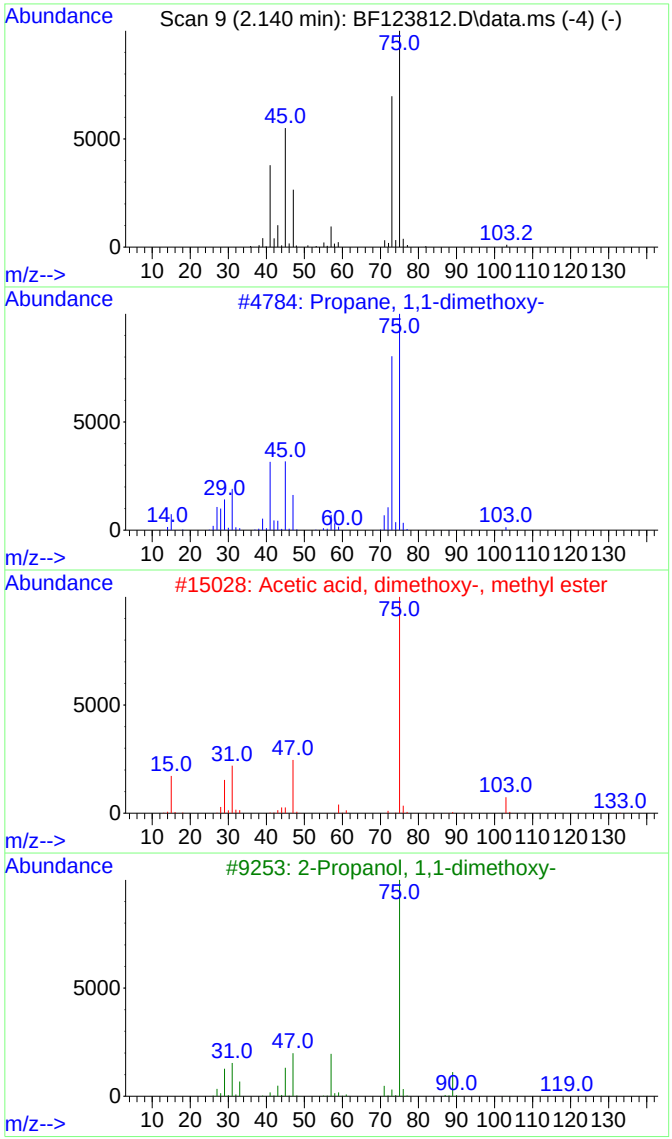
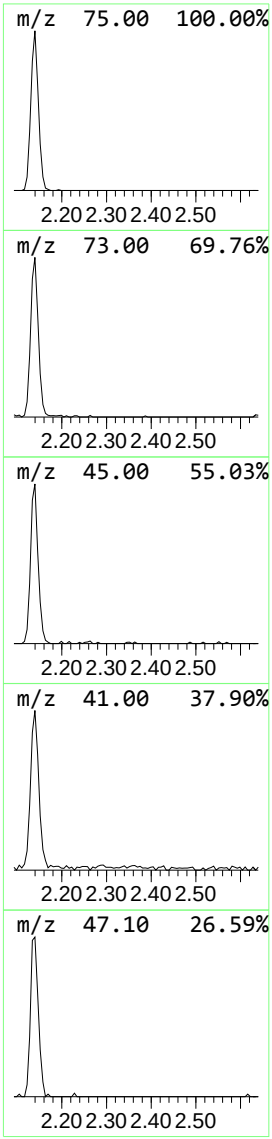
****
Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	4.18 ng	294614	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	74
2	Acetic acid, dimethoxy-, methyl ...	134	C5H10O4	000089-91-8	40
3	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	40
4	Methane, trimethoxy-	106	C4H10O3	000149-73-5	38
5	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	36





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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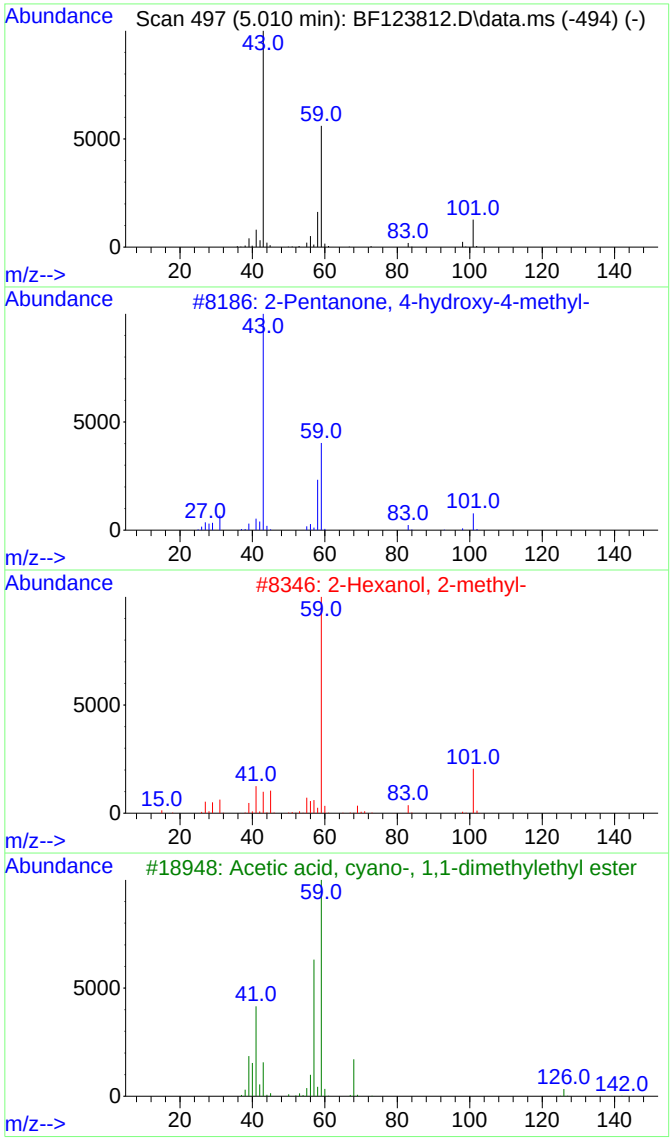
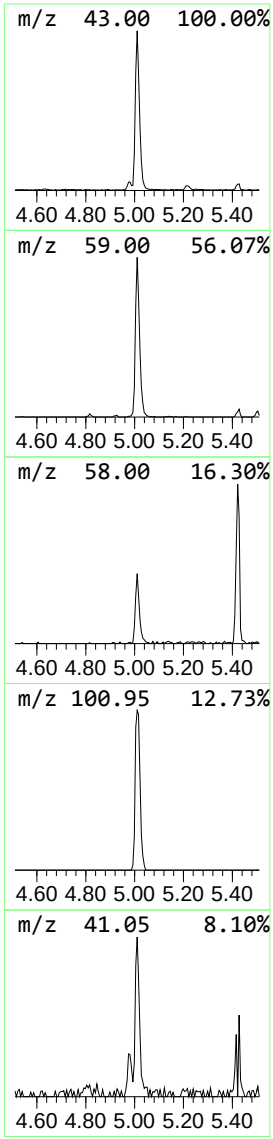
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.010	5.44 ng	383312	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	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Acetone	58	C3H6O	000067-64-1	14
5	Oxirane-2-carboxylic acid, methy...	102	C4H6O3	004538-50-5	9





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

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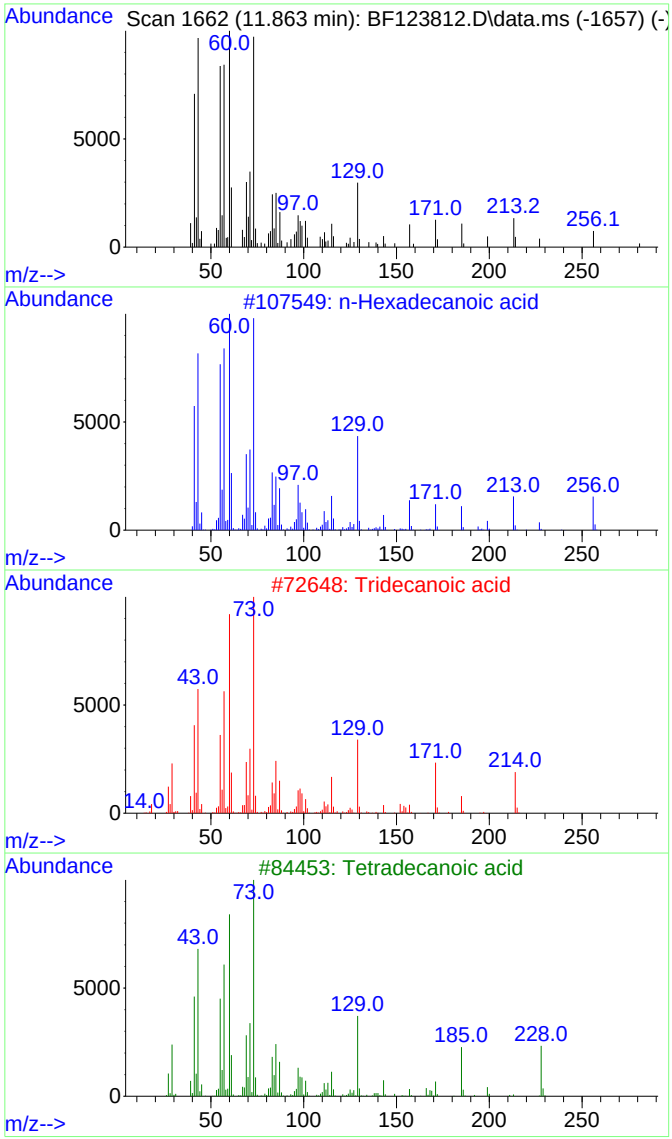
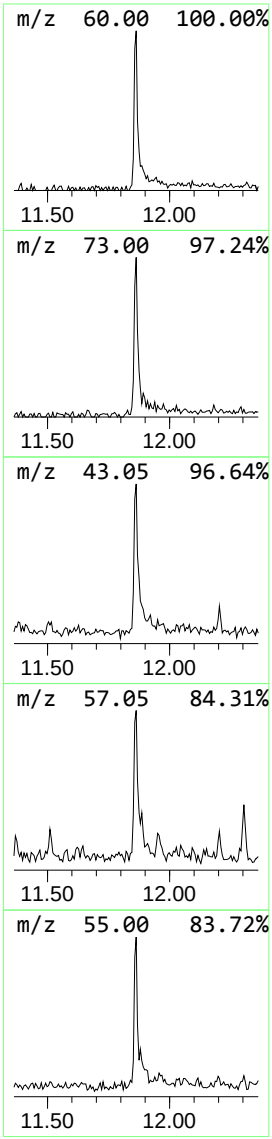
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	2.87 ng	298187	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	76





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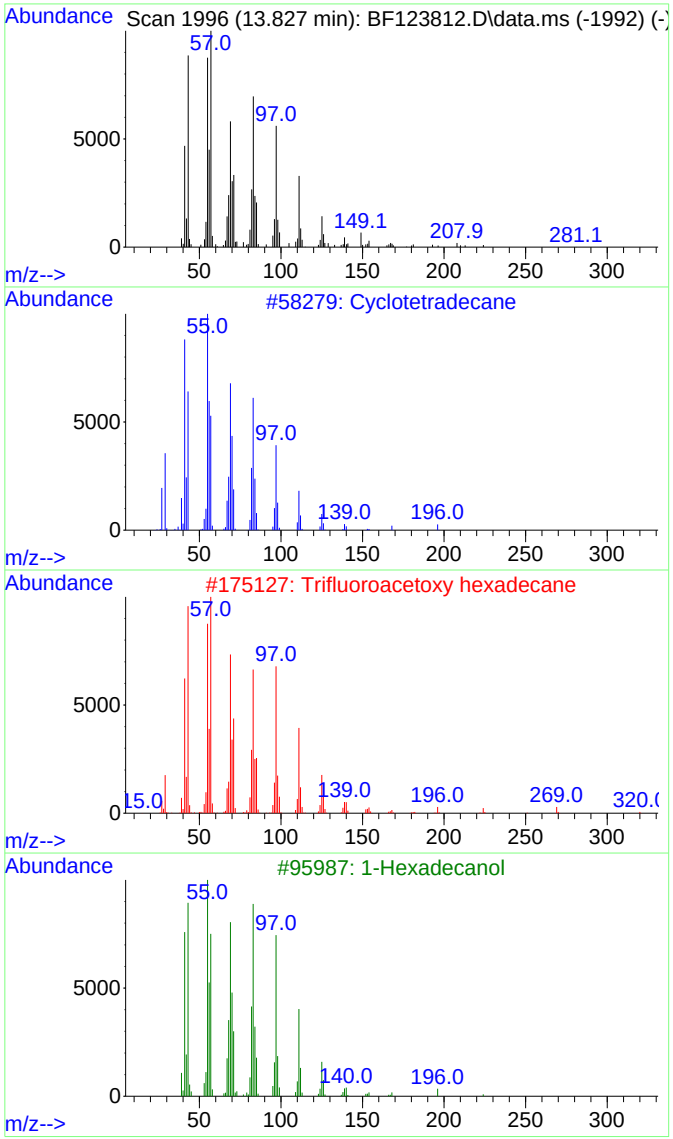
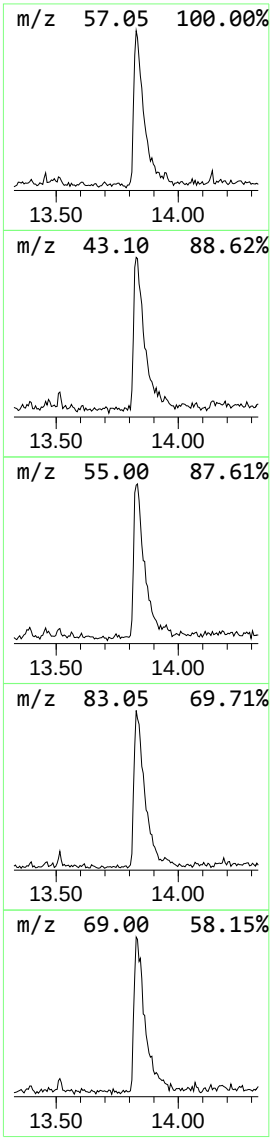
Peak Number 4 Cyclotetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	14.58 ng	1213980	Chrysene-d12	13.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	93
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	Bromoacetic acid, tetradecyl ester	334	C16H31BrO2	018992-01-3	91
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-di...	2.140	4.2	ng	294614	1	6.798	1410350	20.0
2-Pentanone, 4-...	5.010	5.4	ng	383312	1	6.798	1410350	20.0
n-Hexadecanoic ...	11.863	2.9	ng	298187	4	11.322	2080510	20.0
Cyclotetradecane	13.827	14.6	ng	1213980	5	13.968	1665060	20.0