LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
Data File : BF133510.D
Acq On : 26 May 2023 21:06
Operator : CG\JU
Sample : 02899-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP01

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-BF052523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133510.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	18	22	33	rVB4	35937	60561	1.63%	0.288%
2	4.422	393	397	402	rVB	60147	67170	1.81%	0.319%
3	5.046	497	503	506	rBV	835144	890075	24.00%	4.233%
4	5.440	566	570	574	rBV	1255657	1074234	28.96%	5.109%
5	6.446	738	741	748	rVB	741370	667067	17.98%	3.173%
6	6.834	804	807	811	rBV	974778	802417	21.63%	3.817%
7	7.404	898	904	907	rBV	2356260	2315316	62.42%	11.012%
8	8.122	1022	1026	1029	rBV	1208581	1037707	27.98%	4.936%
9	8.798	1137	1141	1150	rBV	67578	74154	2.00%	0.353%
10	9.198	1205	1209	1212	rVB	4304181	3709329	100.00%	17.643%
11	9.875	1320	1324	1327	rBV	1340758	1067203	28.77%	5.076%
12	10.586	1442	1445	1449	rBV	769852	627424	16.91%	2.984%
13	10.663	1453	1458	1461	rBV	1786943	1628156	43.89%	7.744%
14	10.898	1494	1498	1501	rBV	83115	65960	1.78%	0.314%
15	11.075	1525	1528	1538	rBV	97998	101843	2.75%	0.484%
16	11.363	1573	1577	1580	rBV	1224664	1122198	30.25%	5.338%
17	11.892	1663	1667	1671	rBV	209612	212556	5.73%	1.011%
18	12.675	1797	1800	1805	rBV3	48492	56888	1.53%	0.271%
19	12.822	1822	1825	1837	rVB	45312	65575	1.77%	0.312%
20	12.957	1843	1848	1851	rBV	3457717	3534331	95.28%	16.810%
21	13.863	1999	2002	2014	rBV	174142	267471	7.21%	1.272%
22	14.004	2021	2026	2029	rBV	852953	842961	22.73%	4.009%
23	14.863	2169	2172	2176	rBV	50182	53037	1.43%	0.252%
24	15.463	2268	2274	2279	rBV	555245	681029	18.36%	3.239%

Sum of corrected areas: 21024662

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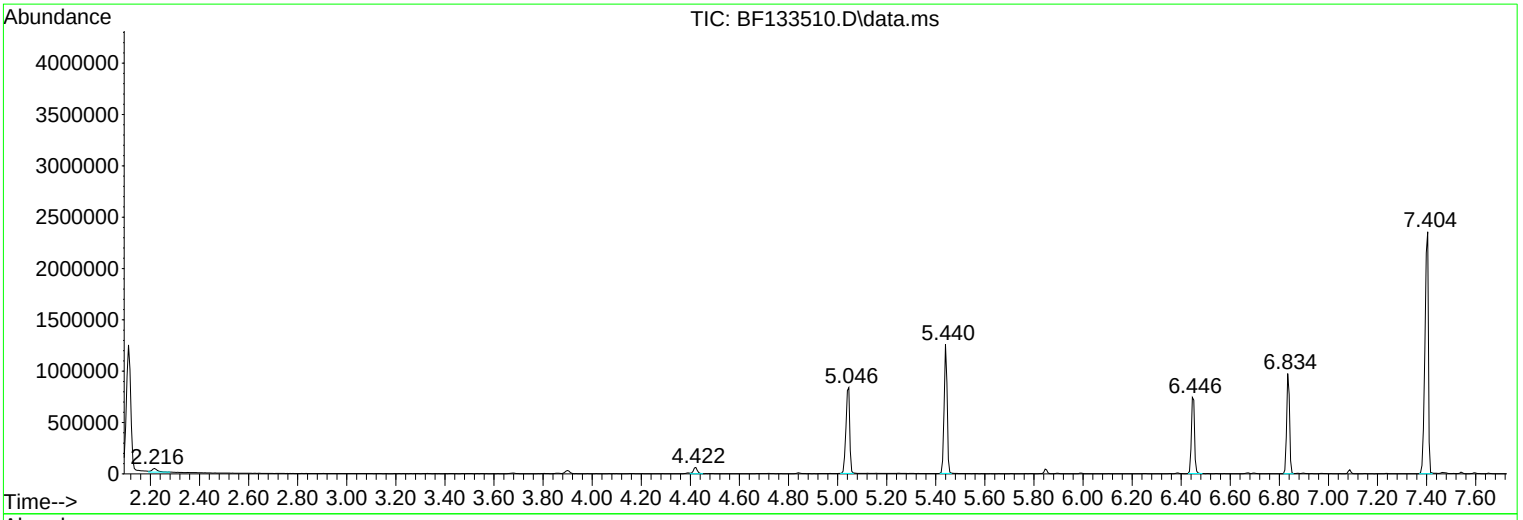
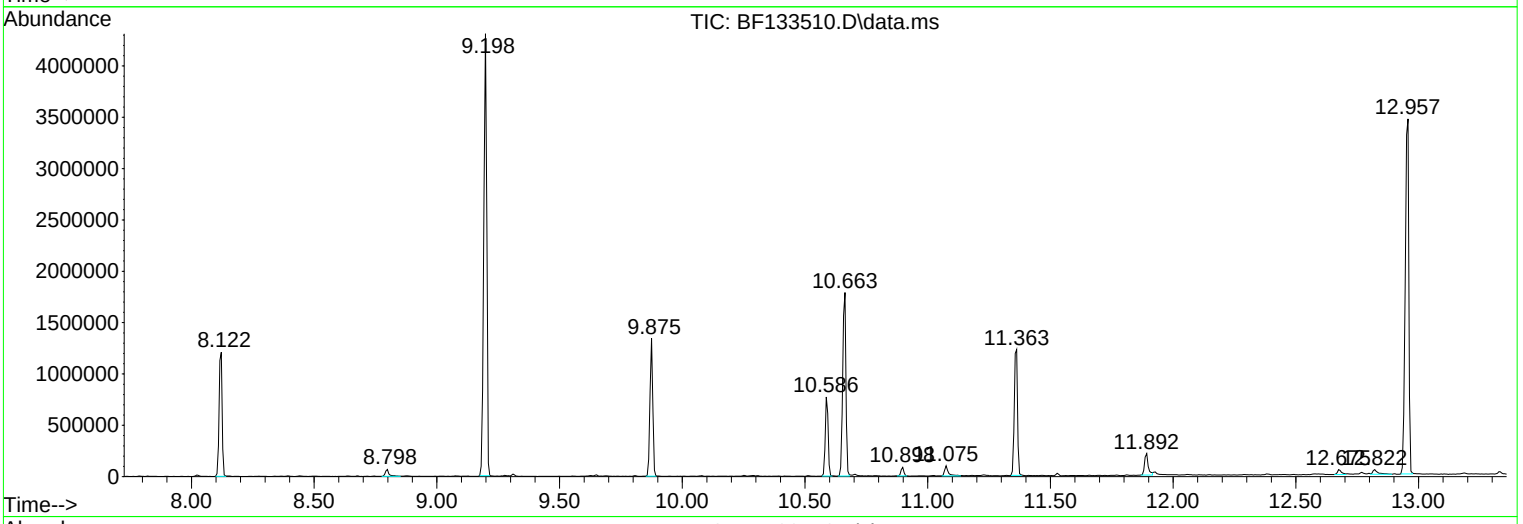
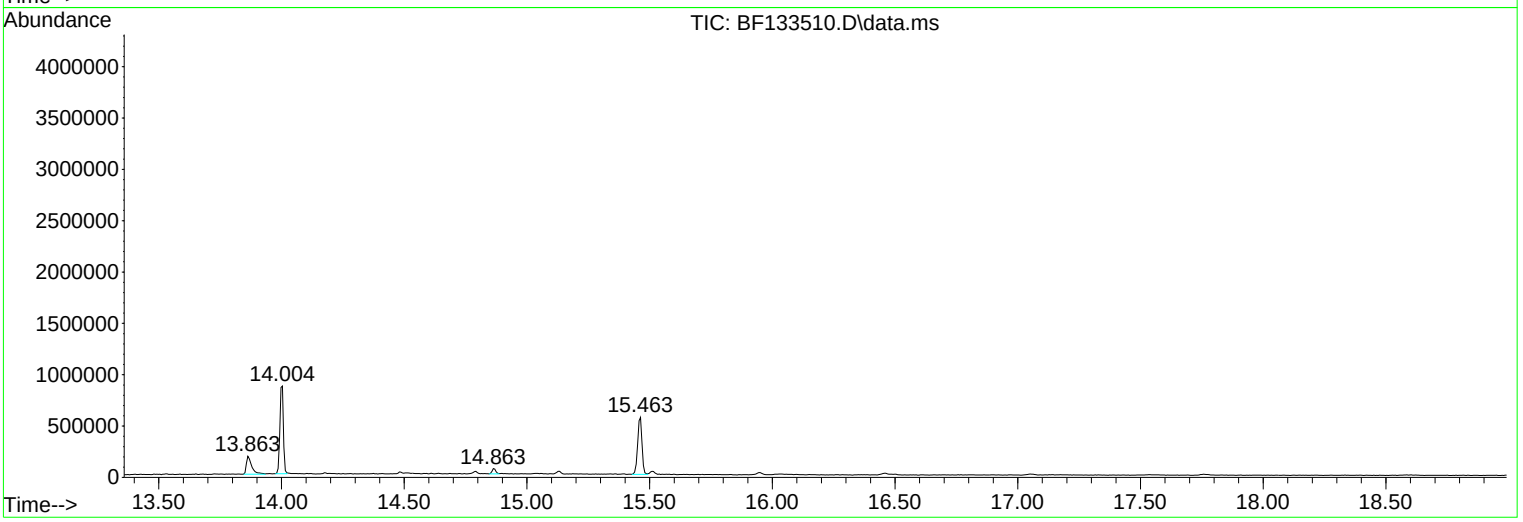
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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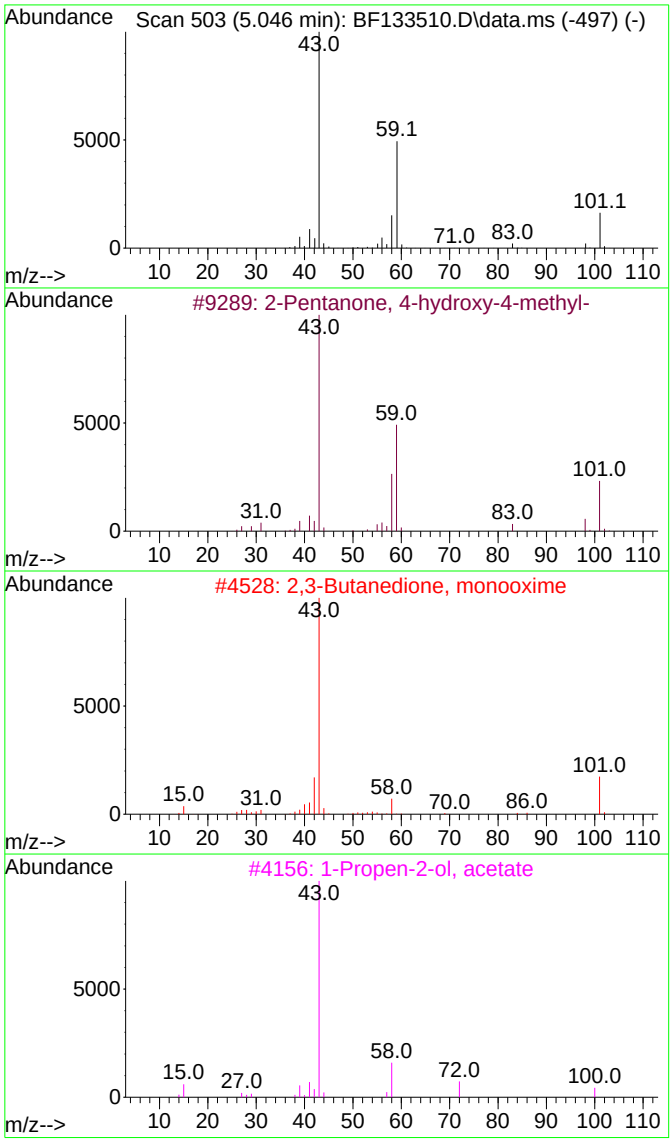
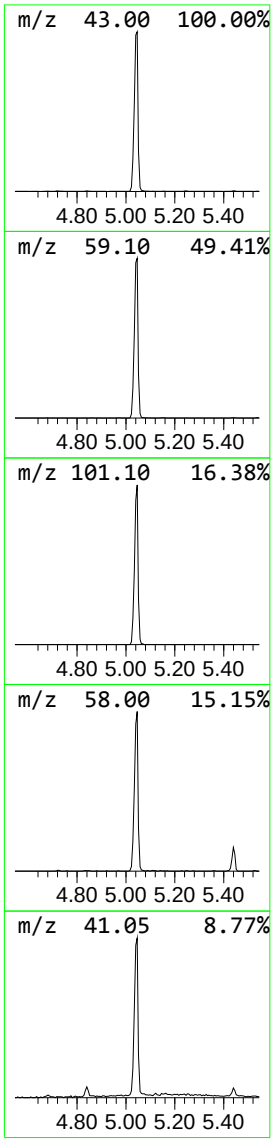
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.046	22.18 ng	890075	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Allyl acetate	100	C5H8O2	000591-87-7	9
5	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9





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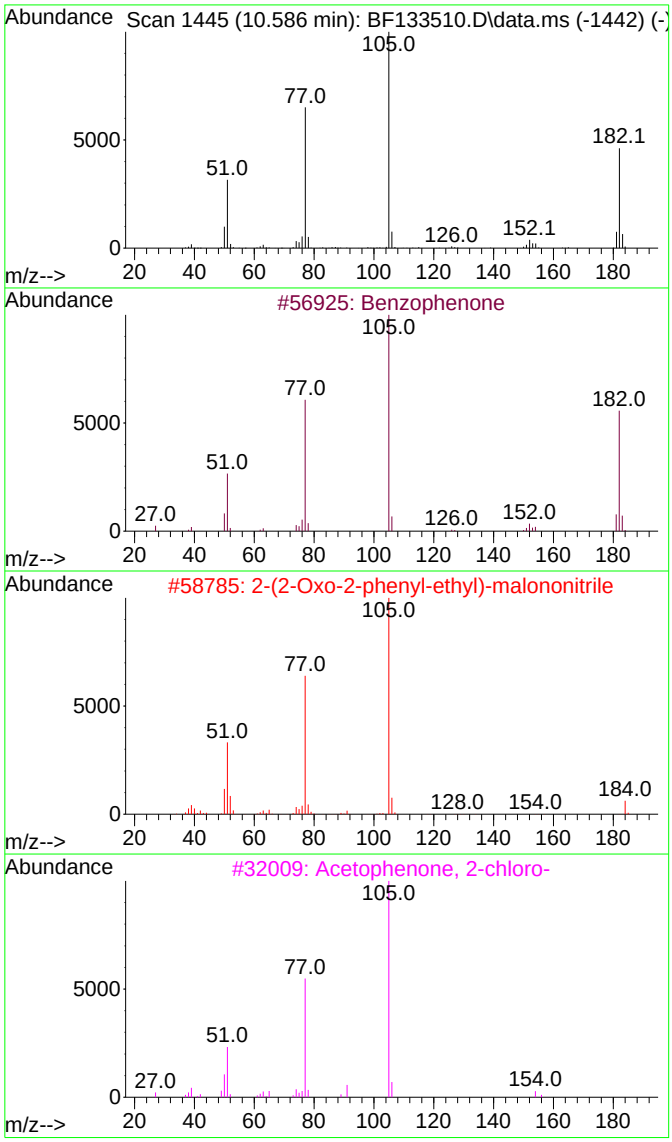
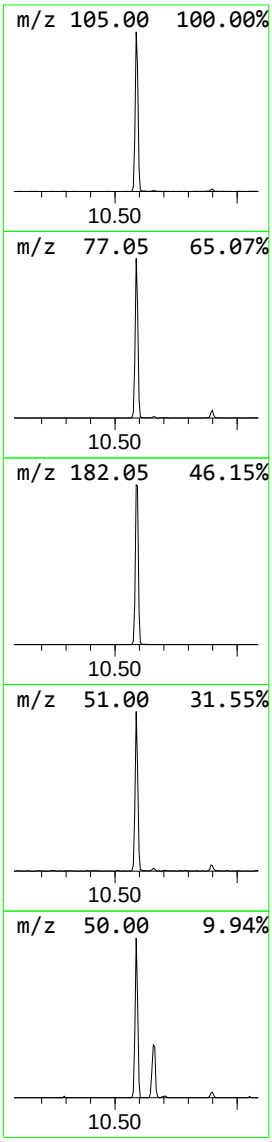
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.586	11.76 ng	627424	Acenaphthene-d10	9.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	58
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	52
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
5	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	50





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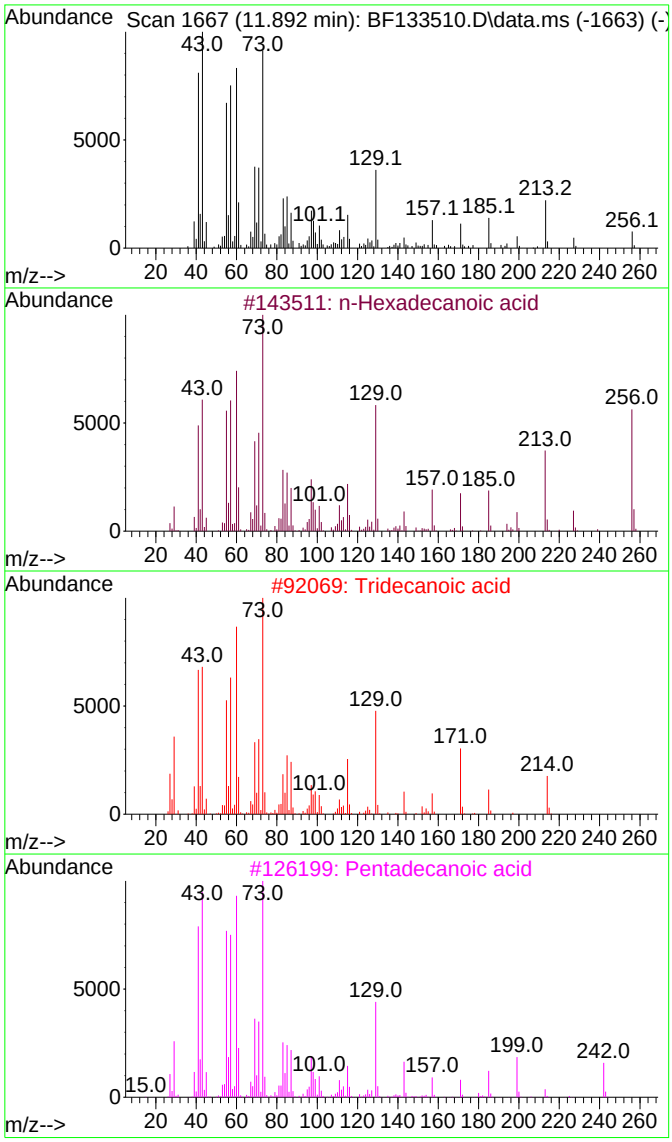
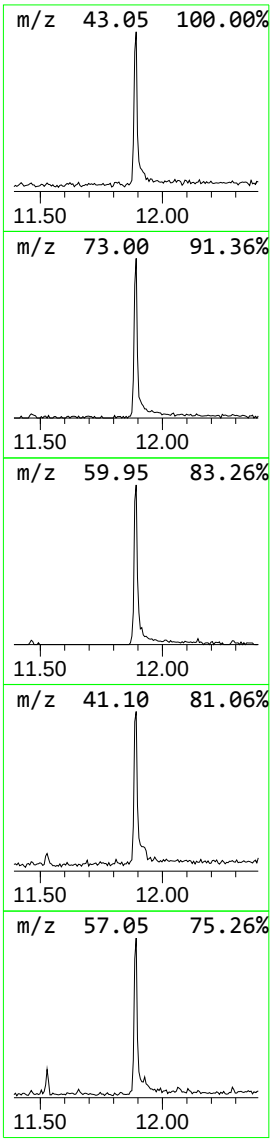
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	3.79 ng	212556	Phenanthrene-d10	11.363

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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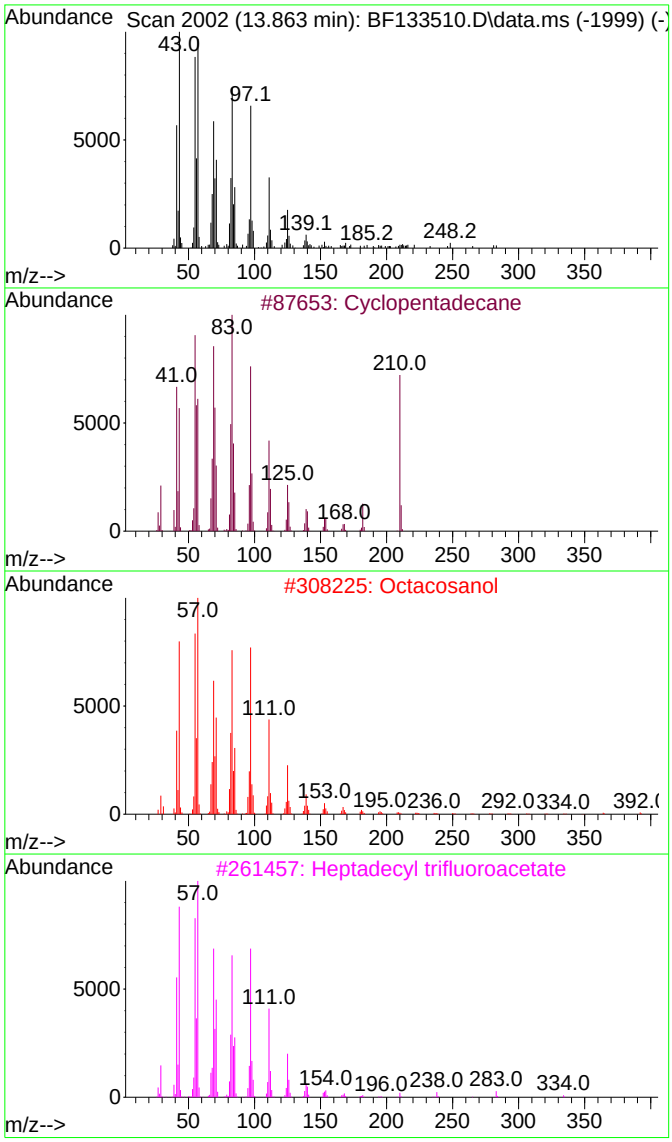
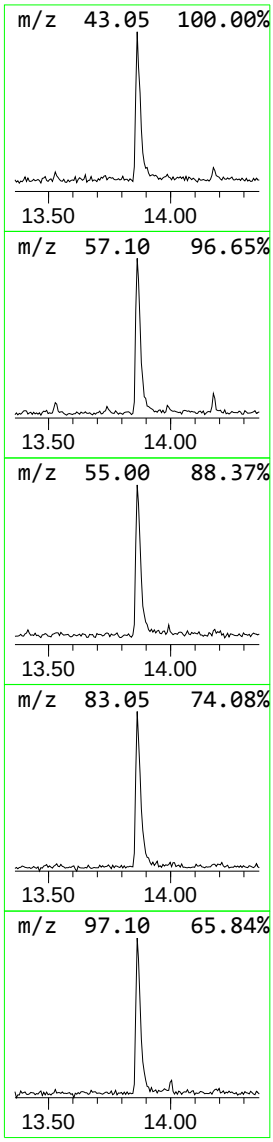
Peak Number 4 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	6.35 ng	267471	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	Octacosanol	410	C28H58O	000557-61-9	94
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.046	22.2	ng	890075	1	6.834	802417	20.0
Benzophenone	10.586	11.8	ng	627424	3	9.875	1067200	20.0
n-Hexadecanoic ...	11.892	3.8	ng	212556	4	11.363	1122200	20.0
Cyclopentadecane	13.863	6.3	ng	267471	5	14.004	842961	20.0