LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
Data File : BF133581.D
Acq On : 05 Jun 2023 23:20
Operator : CG\JU
Sample : 02983-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB24B

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: BF133581.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	11	16	21	rBV	37868	49371	2.02%	0.277%
2	5.040	498	502	509	rVB	76649	88405	3.62%	0.496%
3	5.440	565	570	574	rBV	2327736	2345712	95.97%	13.155%
4	6.457	738	743	746	rBV	2447383	2376852	97.24%	13.329%
5	6.834	803	807	810	rBV	1081439	835779	34.19%	4.687%
6	7.393	898	902	905	rBV	1620977	1412077	57.77%	7.919%
7	8.116	1021	1025	1028	rBV	1315997	1023809	41.89%	5.742%
8	9.192	1204	1208	1211	rBV	3098246	2444321	100.00%	13.708%
9	9.869	1320	1323	1327	rVB	1206690	977572	39.99%	5.482%
10	10.586	1441	1445	1448	rVB	138254	120828	4.94%	0.678%
11	10.657	1453	1457	1460	rBV	1606740	1344165	54.99%	7.538%
12	10.763	1472	1475	1480	rBV	111399	89081	3.64%	0.500%
13	11.357	1572	1576	1579	rBV	1164694	936234	38.30%	5.250%
14	11.886	1663	1666	1671	rBV	131975	123684	5.06%	0.694%
15	12.569	1779	1782	1787	rBV	68330	72103	2.95%	0.404%
16	12.798	1818	1821	1824	rBV	48317	43428	1.78%	0.244%
17	12.945	1842	1846	1850	rBV	2202489	2089620	85.49%	11.719%
18	13.180	1883	1886	1891	rBV3	31566	48516	1.98%	0.272%
19	13.857	1998	2001	2003	rBV	36171	36248	1.48%	0.203%
20	13.904	2004	2009	2015	rBV6	50775	146423	5.99%	0.821%
21	13.998	2022	2025	2028	rVB	761620	674478	27.59%	3.782%
22	14.480	2104	2107	2109	rBV2	47808	49495	2.02%	0.278%
23	15.457	2269	2273	2278	rBV	394995	503346	20.59%	2.823%

Sum of corrected areas: 17831547

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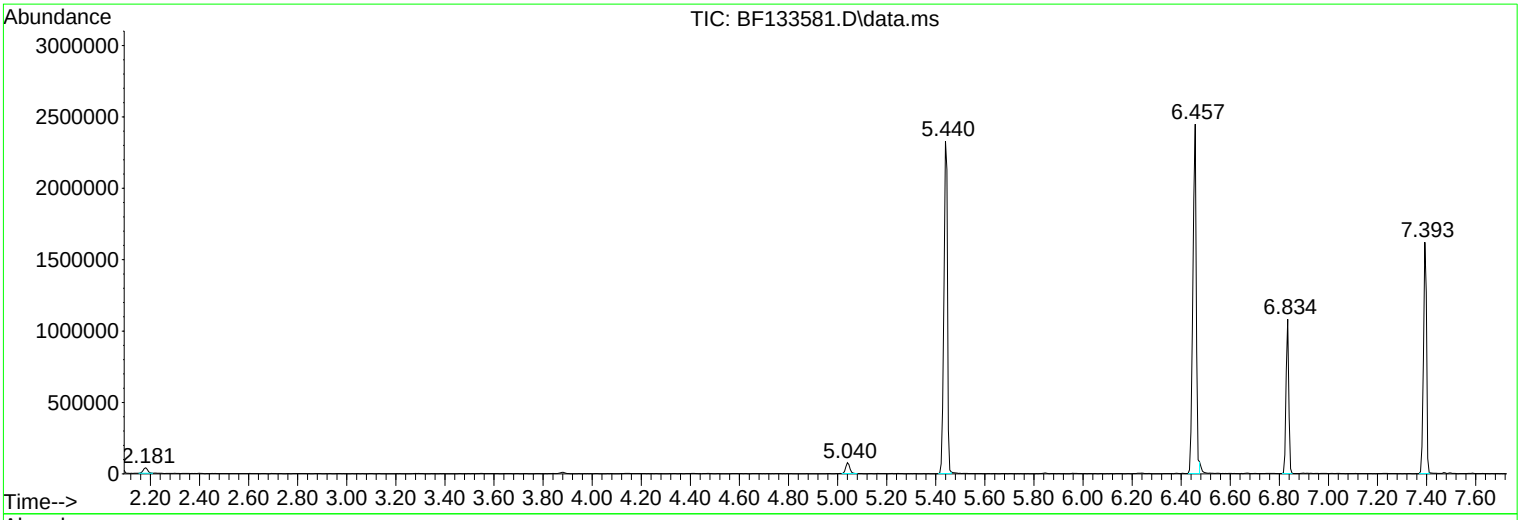
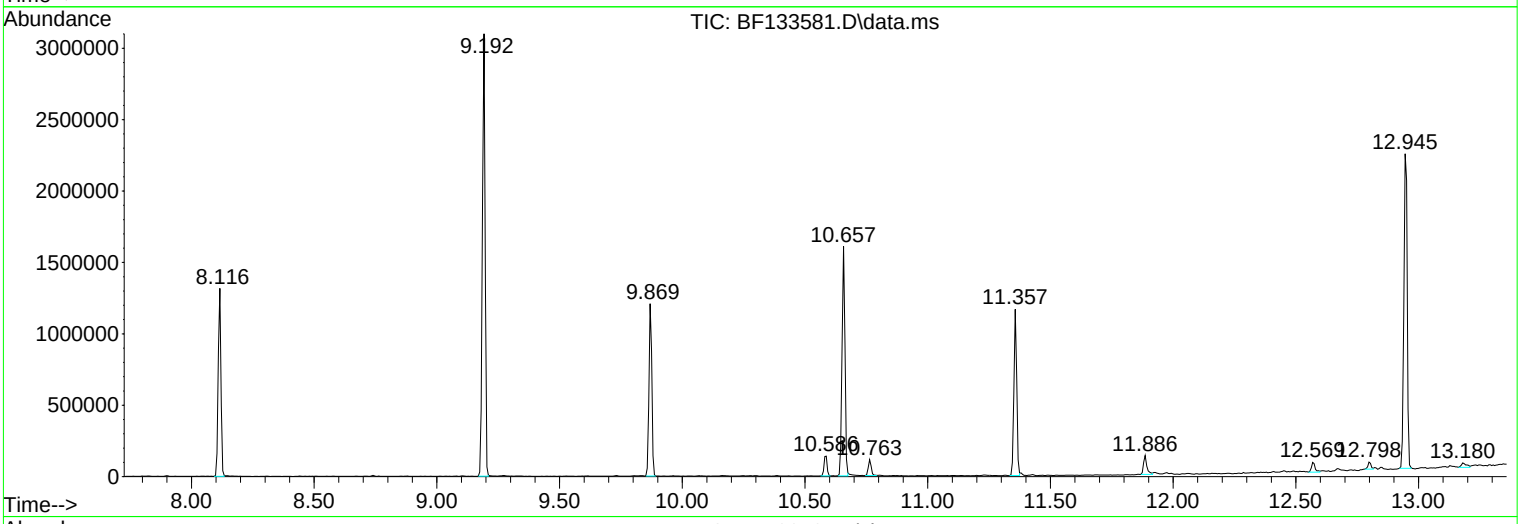
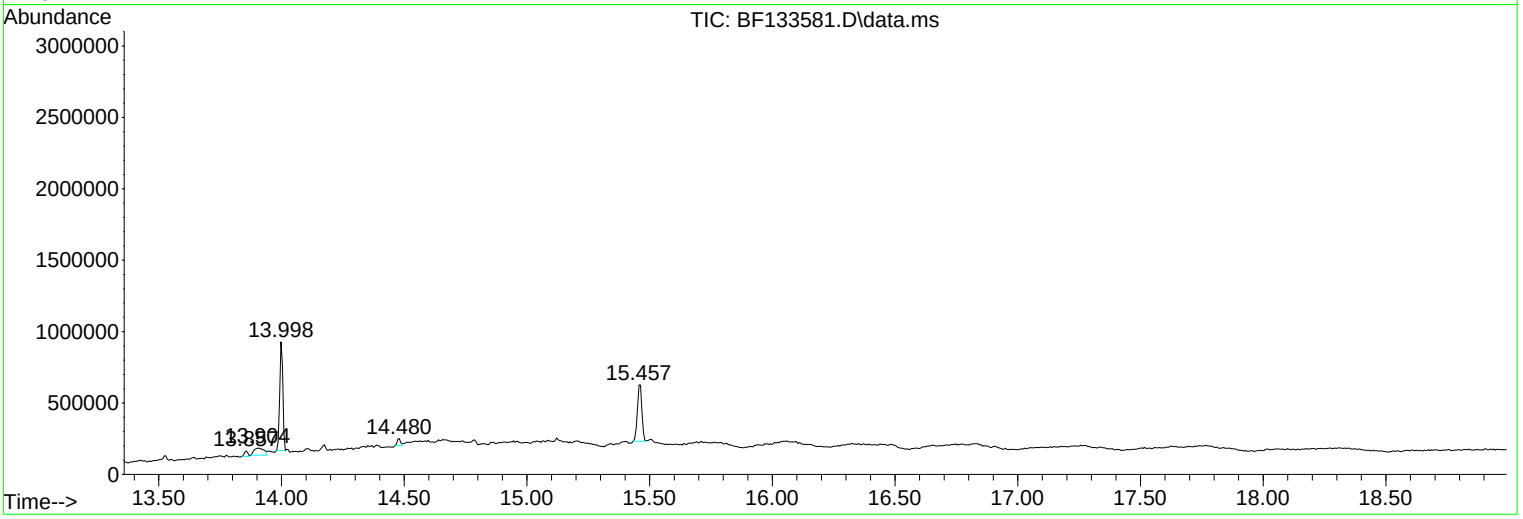
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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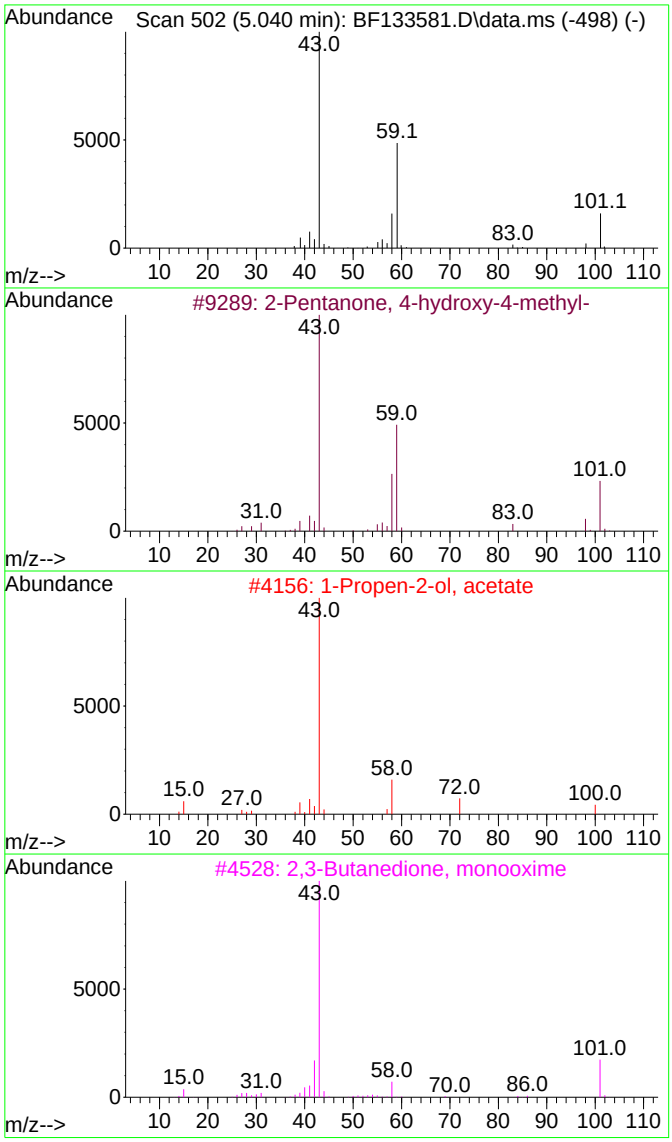
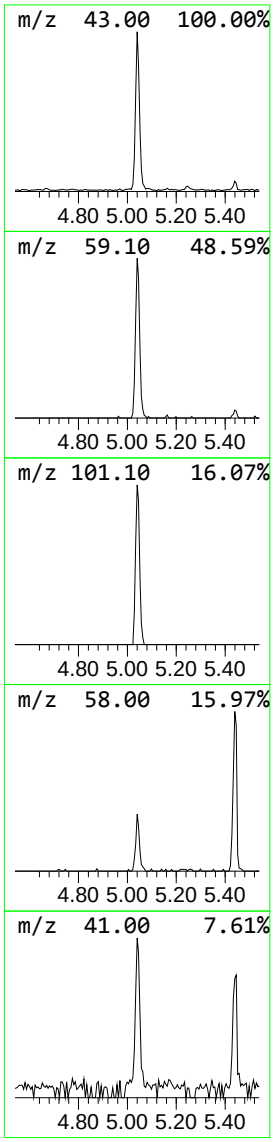
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.040	2.12 ng	88405	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	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





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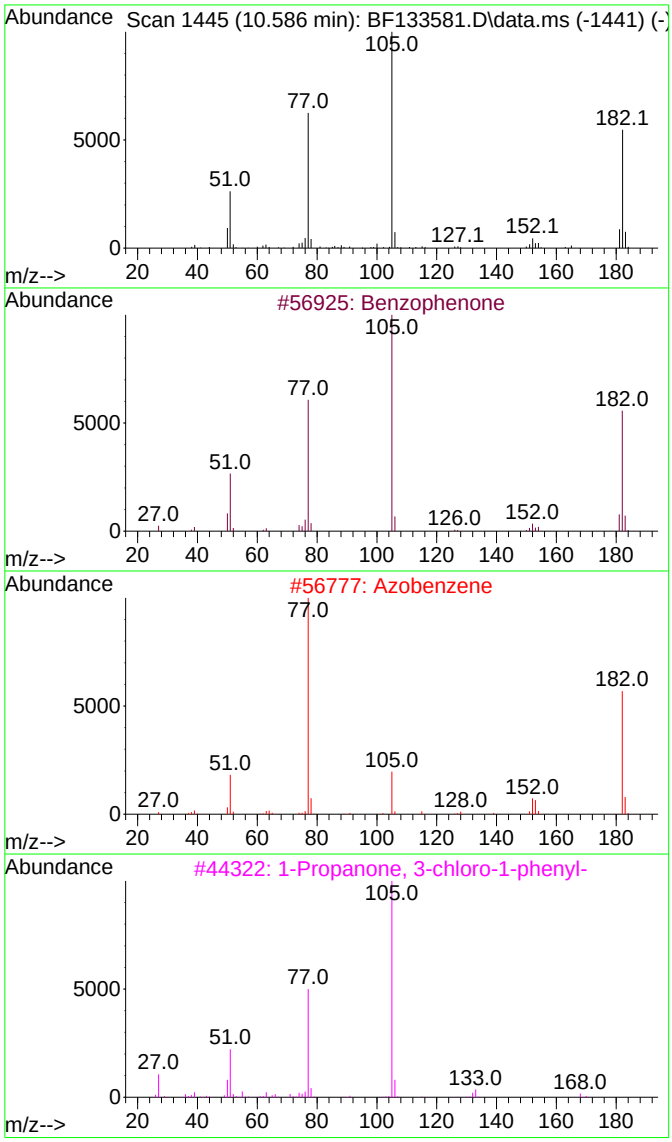
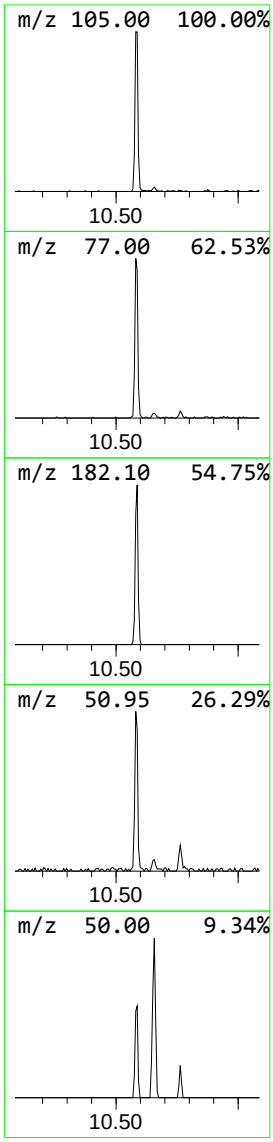
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.586	2.47 ng	120828	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	50
4	N-cyanobenzamide	146	C8H6N2O	015150-25-1	50
5	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	50





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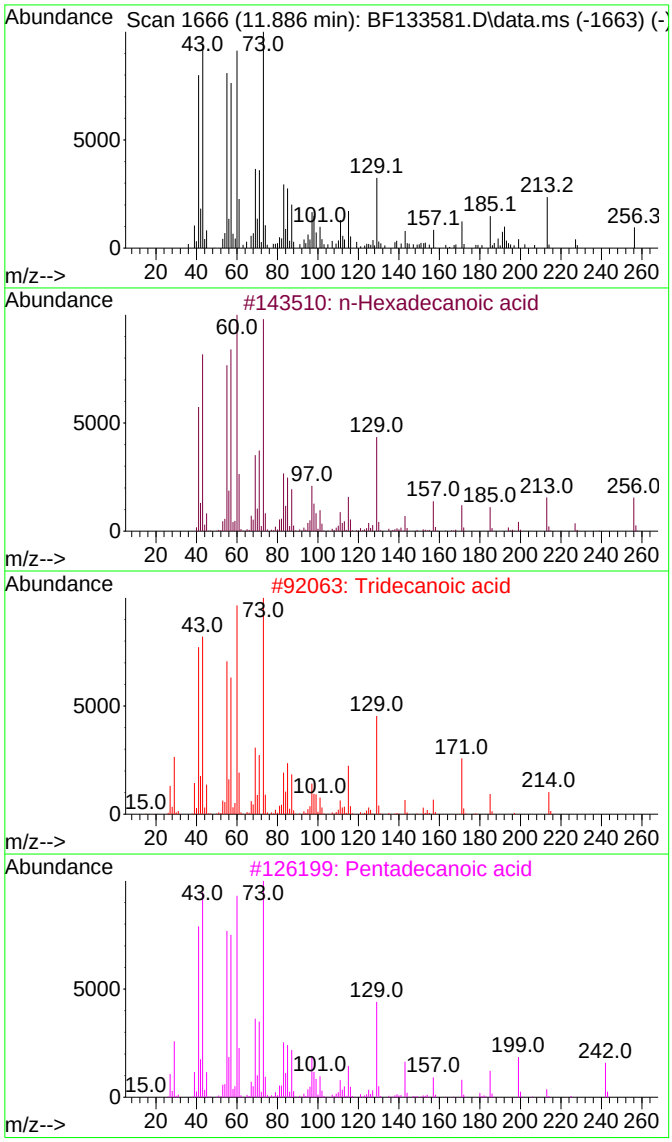
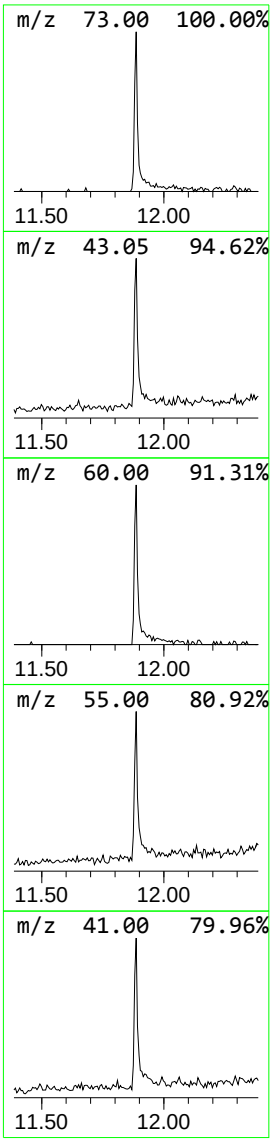
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	2.64 ng	123684	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





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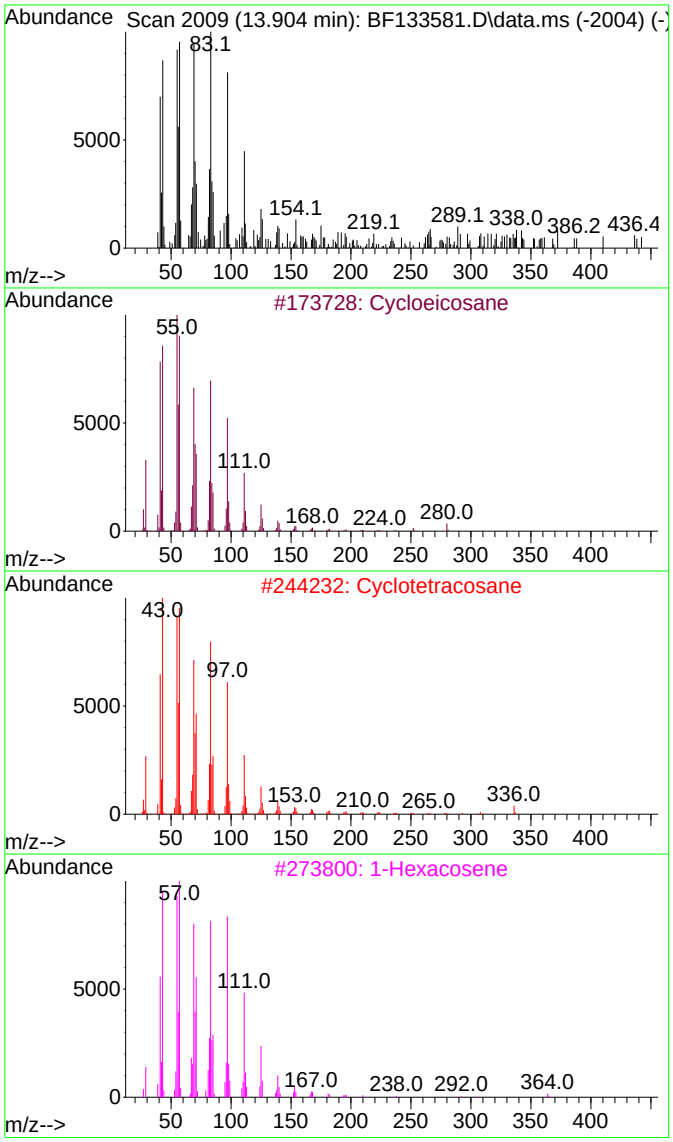
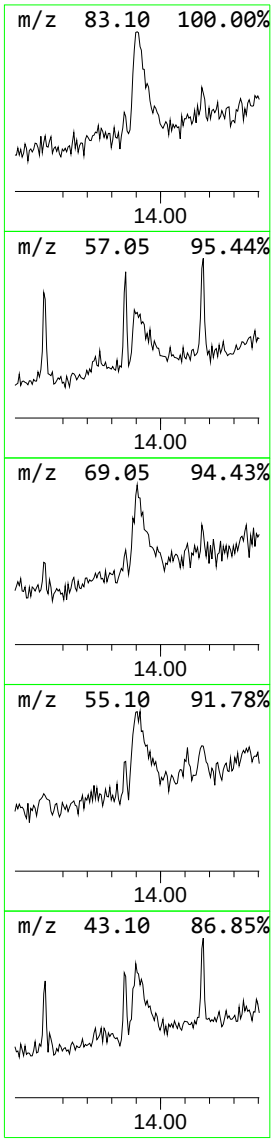
Peak Number 4 Cycloeicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	4.34 ng	146423	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	91
2	Cyclotetracosane	336	C24H48	000297-03-0	91
3	1-Hexacosene	364	C26H52	018835-33-1	90
4	1-Octadecanol	270	C18H38O	000112-92-5	90
5	2-Methyl-7-nonadecene	280	C20H40	219750-68-2	89





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-...	5.040	2.1	ng	88405	1	6.834	835779	20.0
Benzophenone	10.586	2.5	ng	120828	3	9.869	977572	20.0
n-Hexadecanoic ...	11.886	2.6	ng	123684	4	11.357	936234	20.0
Cycloeicosane	13.904	4.3	ng	146423	5	13.998	674478	20.0