LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
Data File : BF133602.D
Acq On : 06 Jun 2023 20:54
Operator : CG\JU
Sample : 03002-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB04

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: BF133602.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.046	493	503	510	rBV	25396	38845	1.76%	0.246%
2	5.451	567	572	575	rBV	2097767	2172137	98.27%	13.760%
3	6.387	725	731	734	rBV3	15602	31344	1.42%	0.199%
4	6.463	739	744	747	rBV	2311042	2210447	100.00%	14.003%
5	6.840	804	808	811	rBV	853117	732703	33.15%	4.642%
6	7.398	899	903	906	rBV	1577298	1324365	59.91%	8.390%
7	8.122	1022	1026	1029	rBV	1101987	879863	39.80%	5.574%
8	8.704	1117	1125	1131	rBV4	29048	61263	2.77%	0.388%
9	8.969	1167	1170	1175	rVB	26668	27911	1.26%	0.177%
10	9.198	1205	1209	1212	rBV	2747182	2201068	99.58%	13.944%
11	9.875	1319	1324	1328	rBV	949667	904311	40.91%	5.729%
12	10.251	1385	1388	1391	rBV	50405	42032	1.90%	0.266%
13	10.533	1433	1436	1439	rVB	138869	103680	4.69%	0.657%
14	10.592	1442	1446	1449	rBV	438127	363711	16.45%	2.304%
15	10.663	1454	1458	1462	rBV	1211087	1103897	49.94%	6.993%
16	10.898	1495	1498	1504	rVB	36552	31798	1.44%	0.201%
17	11.363	1574	1577	1580	rBV	801464	722255	32.67%	4.575%
18	11.727	1635	1639	1644	rBV	108417	99358	4.49%	0.629%
19	11.892	1664	1667	1670	rBV2	90082	91647	4.15%	0.581%
20	11.927	1671	1673	1676	rVB	38201	32016	1.45%	0.203%
21	12.580	1781	1784	1788	rVB	50324	45878	2.08%	0.291%
22	12.810	1821	1823	1826	rVB	35522	28780	1.30%	0.182%
23	12.957	1844	1848	1851	rBV	1789122	1582244	71.58%	10.023%
24	13.868	2000	2003	2008	rBV5	80457	133283	6.03%	0.844%
25	14.010	2024	2027	2030	rBV	474836	403636	18.26%	2.557%
26	15.480	2274	2277	2289	rVB	290261	416889	18.86%	2.641%

Sum of corrected areas: 15785361

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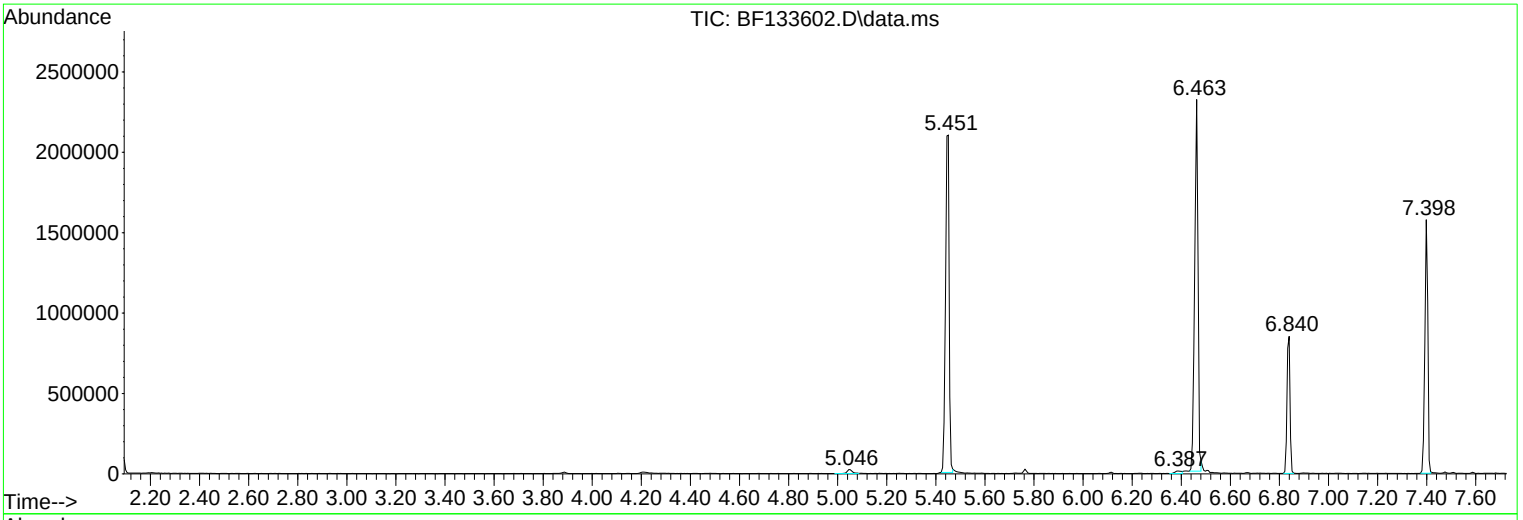
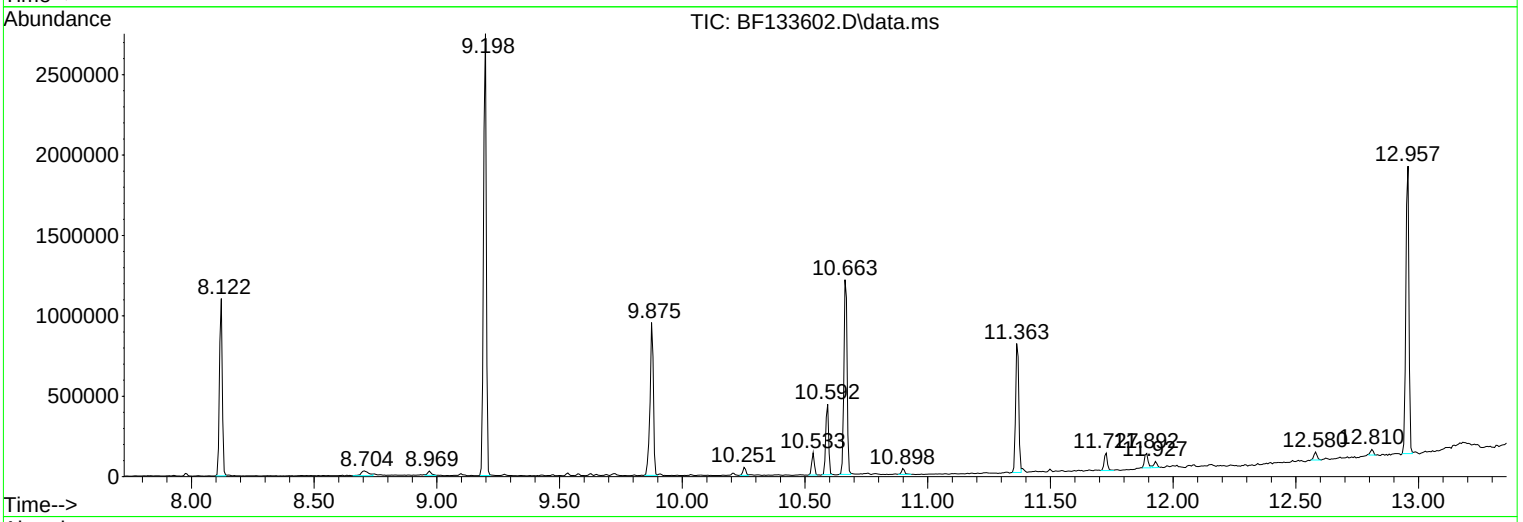
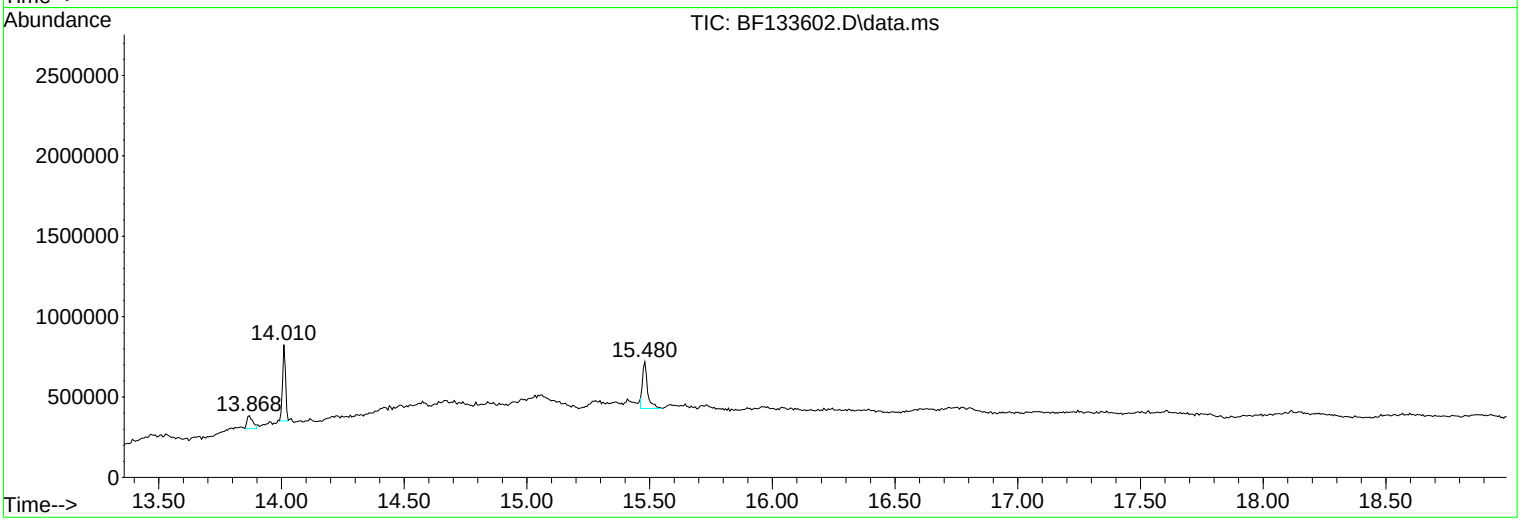
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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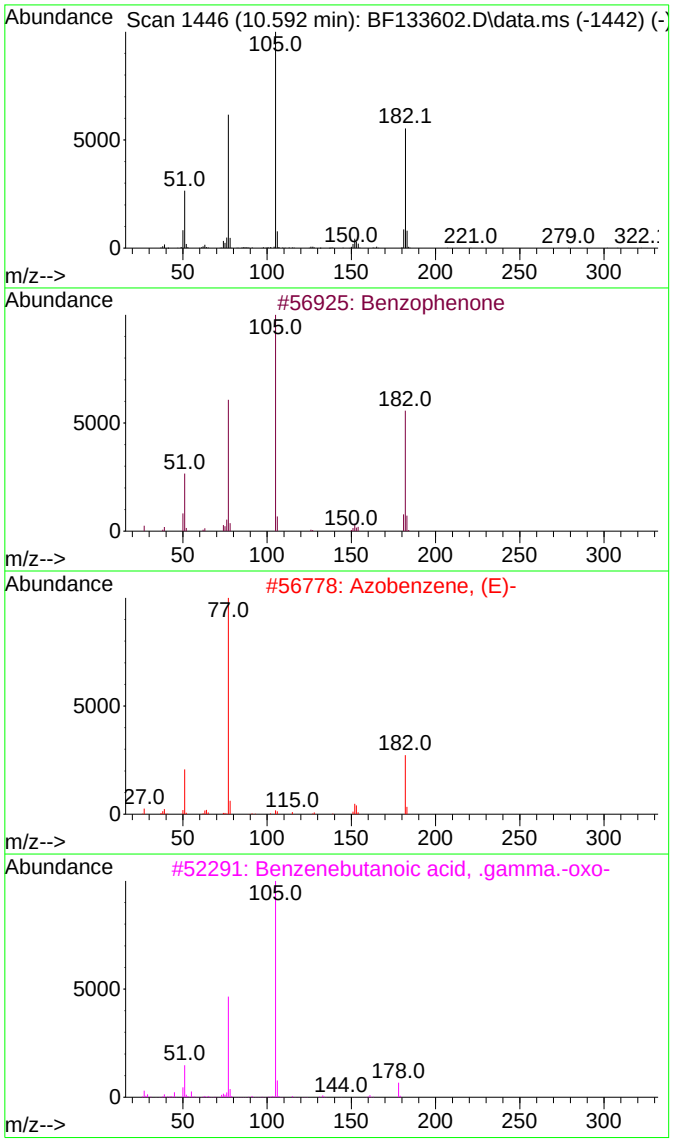
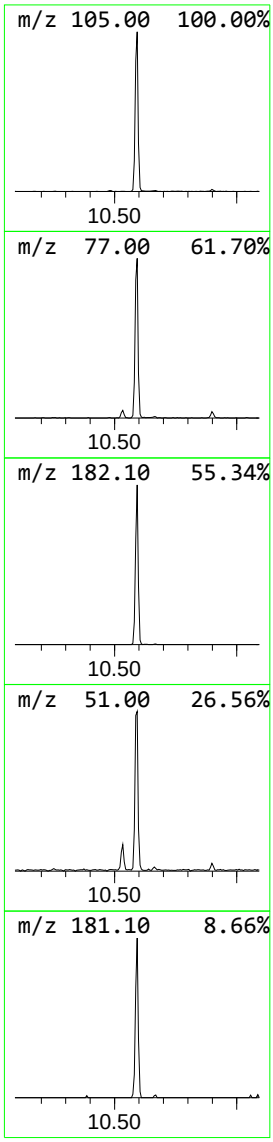
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	8.04 ng	363711	Acenaphthene-d10	9.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	59
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





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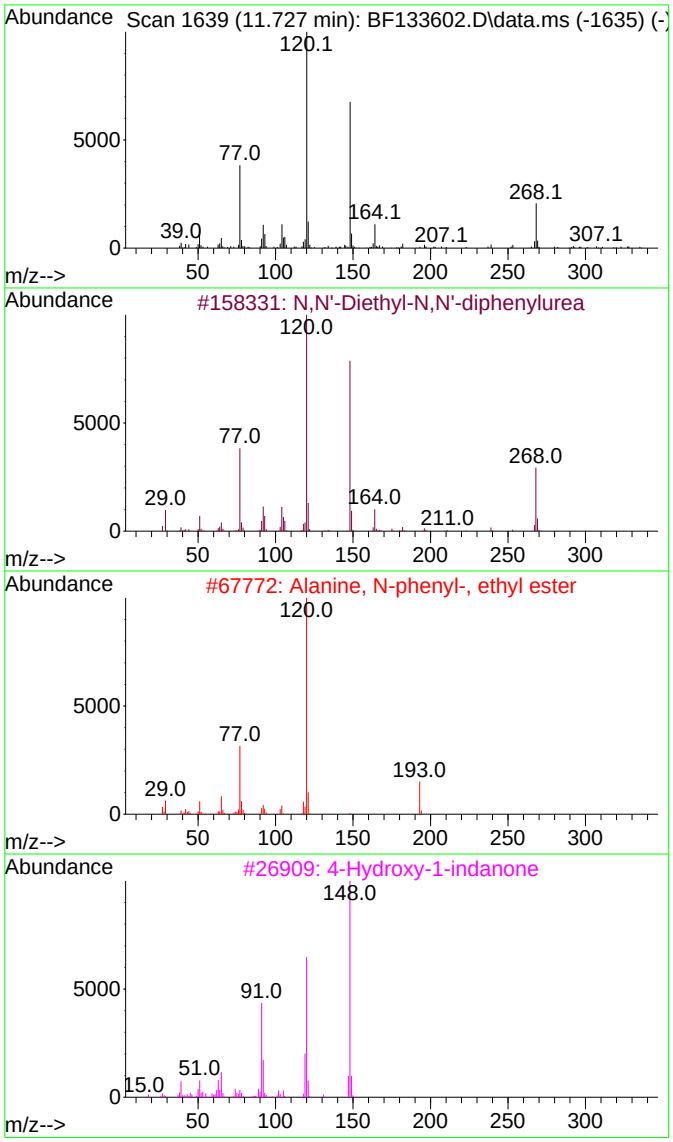
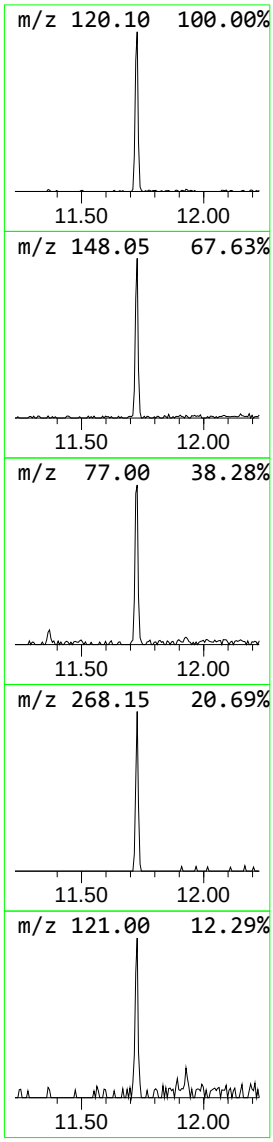
Peak Number 2 N,N'-Diethyl-N,N'-diphenylurea Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.727	2.75 ng	99358	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Diethyl-N,N'-diphenylurea	268	C17H20N2O	000085-98-3	97
2	Alanine, N-phenyl-, ethyl ester	193	C11H15NO2	088912-03-2	47
3	4-Hydroxy-1-indanone	148	C9H8O2	040731-98-4	47
4	4H-1-Benzopyran-4-one, 2,3-dihydro-	148	C9H8O2	000491-37-2	46
5	3-Acetyl-6-methylpyridine 6-meth...	268	C15H16N4O	026491-71-4	45





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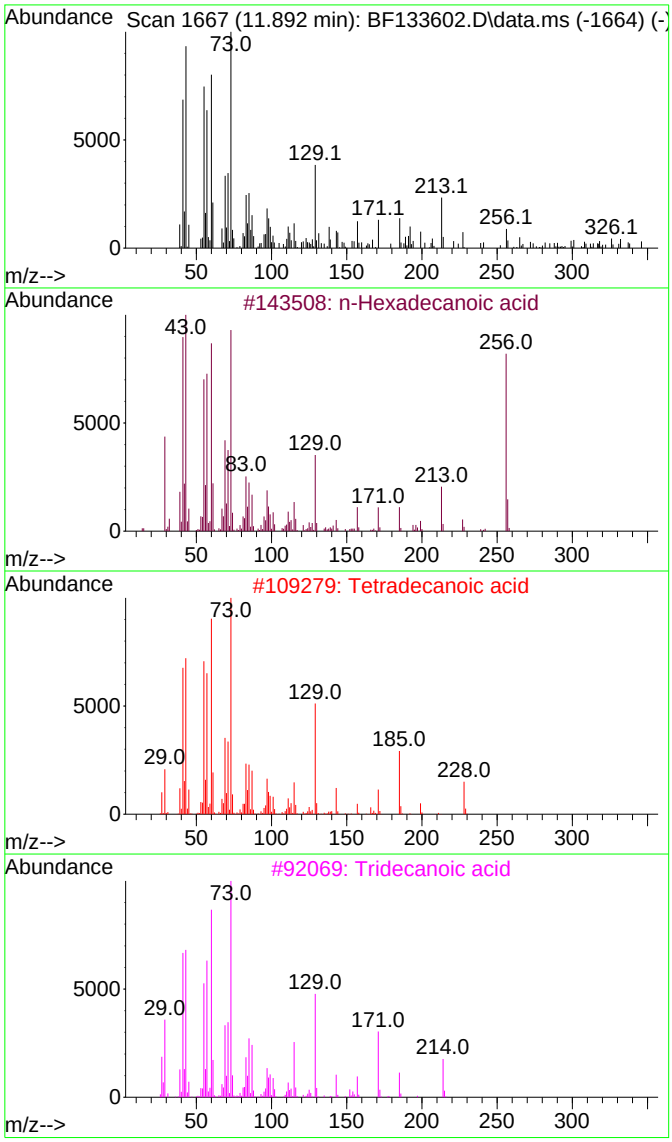
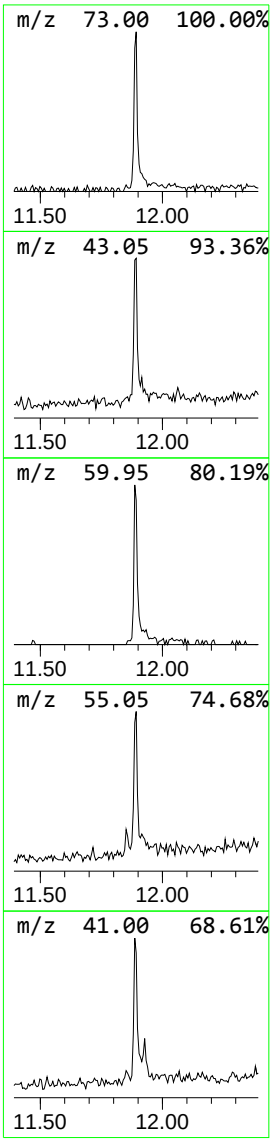
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	2.54 ng	91647	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





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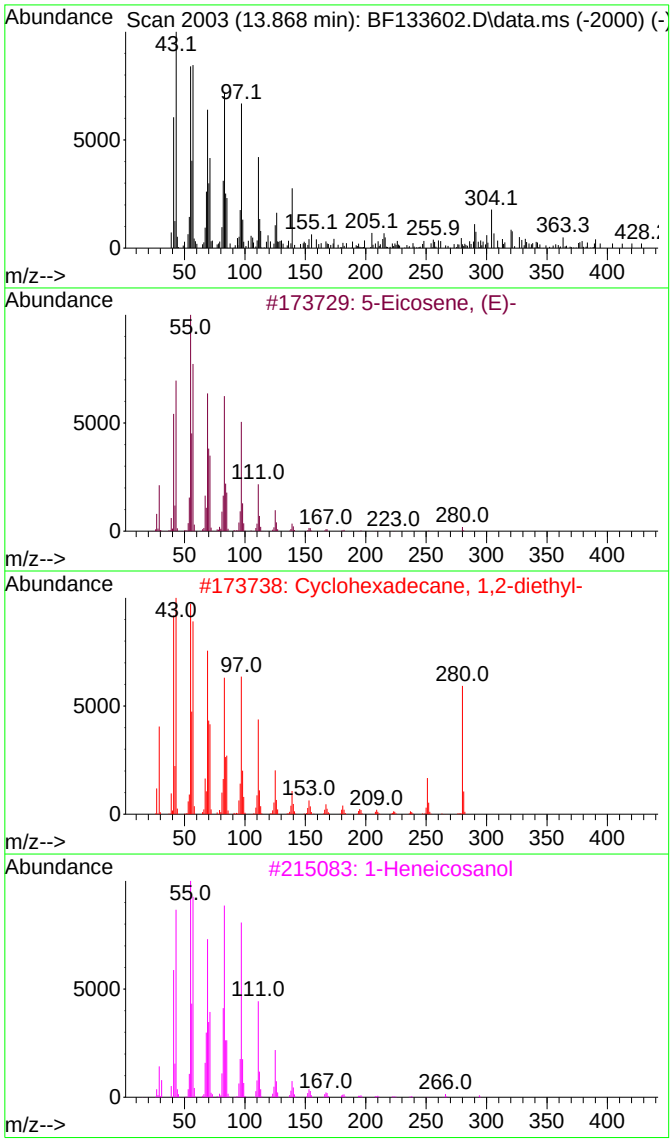
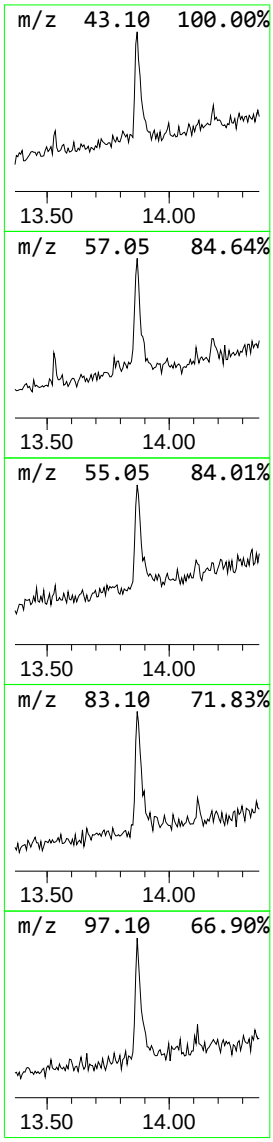
Peak Number 4 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.868	6.60 ng	133283	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	10.592	8.0	ng	363711	3	9.875	904311	20.0
N,N'-Diethyl-N,...	11.727	2.8	ng	99358	4	11.363	722255	20.0
n-Hexadecanoic ...	11.892	2.5	ng	91647	4	11.363	722255	20.0
5-Eicosene, (E)-	13.868	6.6	ng	133283	5	14.010	403636	20.0