LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
Data File : BF140578.D
Acq On : 22 Nov 2024 15:32
Operator : RC/JU
Sample : P4860-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-007

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140578.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	3	8	15	rVB	632045	997274	50.50%	6.785%
2	5.087	501	509	520	rBV	20430	34982	1.77%	0.238%
3	5.499	573	579	598	rBV	1091468	1462476	74.05%	9.951%
4	6.504	744	750	774	rBV	1163733	1541971	78.08%	10.492%
5	6.869	807	812	817	rBV	449413	544959	27.59%	3.708%
6	7.428	902	907	918	rBV	755586	995695	50.42%	6.775%
7	7.687	947	951	963	rVB	11169	23683	1.20%	0.161%
8	8.151	1024	1030	1043	rBV	534347	690774	34.98%	4.700%
9	9.222	1207	1212	1223	rBV	1535184	1974892	100.00%	13.437%
10	9.904	1323	1328	1341	rBV	595458	773003	39.14%	5.260%
11	10.616	1445	1449	1458	rBV	282552	368338	18.65%	2.506%
12	10.698	1458	1463	1478	rVV	826556	1113695	56.39%	7.578%
13	10.928	1495	1502	1512	rBV	47805	65079	3.30%	0.443%
14	11.398	1576	1582	1590	rBV	597238	805271	40.78%	5.479%
15	11.922	1666	1671	1680	rBV	88391	156485	7.92%	1.065%
16	12.416	1751	1755	1761	rBV	16245	22820	1.16%	0.155%
17	12.980	1846	1851	1859	rBV	1454675	1855529	93.96%	12.625%
18	13.886	2000	2005	2018	rBV4	42820	123822	6.27%	0.842%
19	14.045	2027	2032	2041	rVB	403201	552594	27.98%	3.760%
20	14.886	2172	2175	2180	rVB	28716	39381	1.99%	0.268%
21	15.533	2279	2285	2295	rVB	312999	518542	26.26%	3.528%
22	16.439	2435	2439	2444	rVB4	20877	35879	1.82%	0.244%

Sum of corrected areas: 14697144

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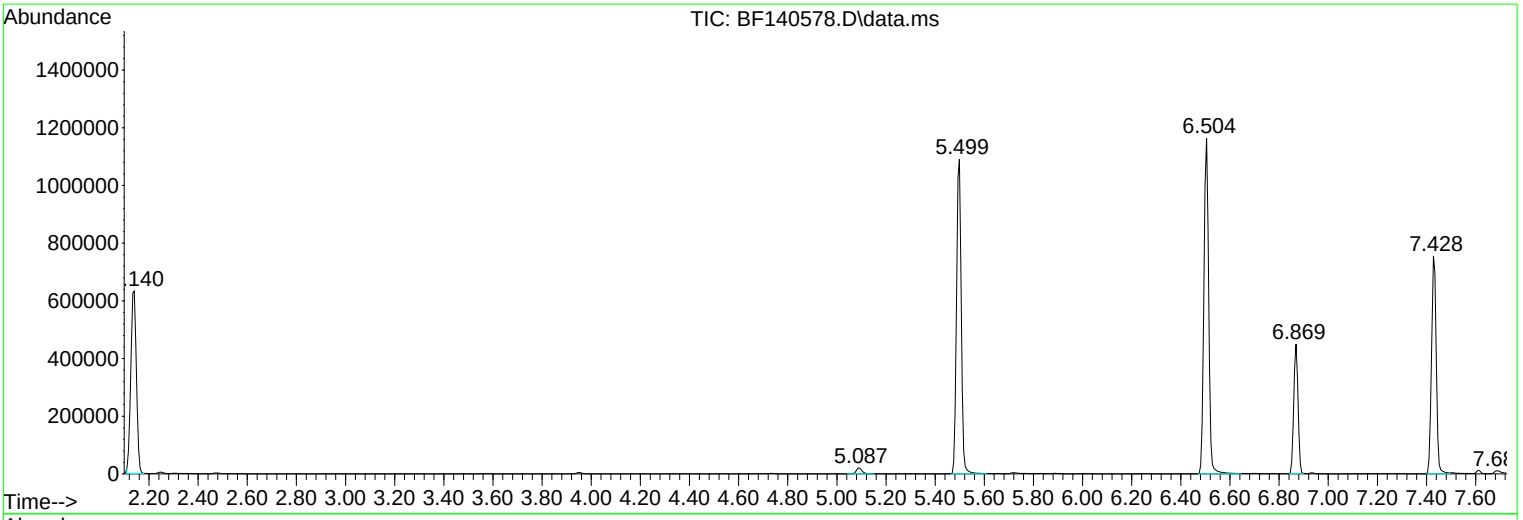
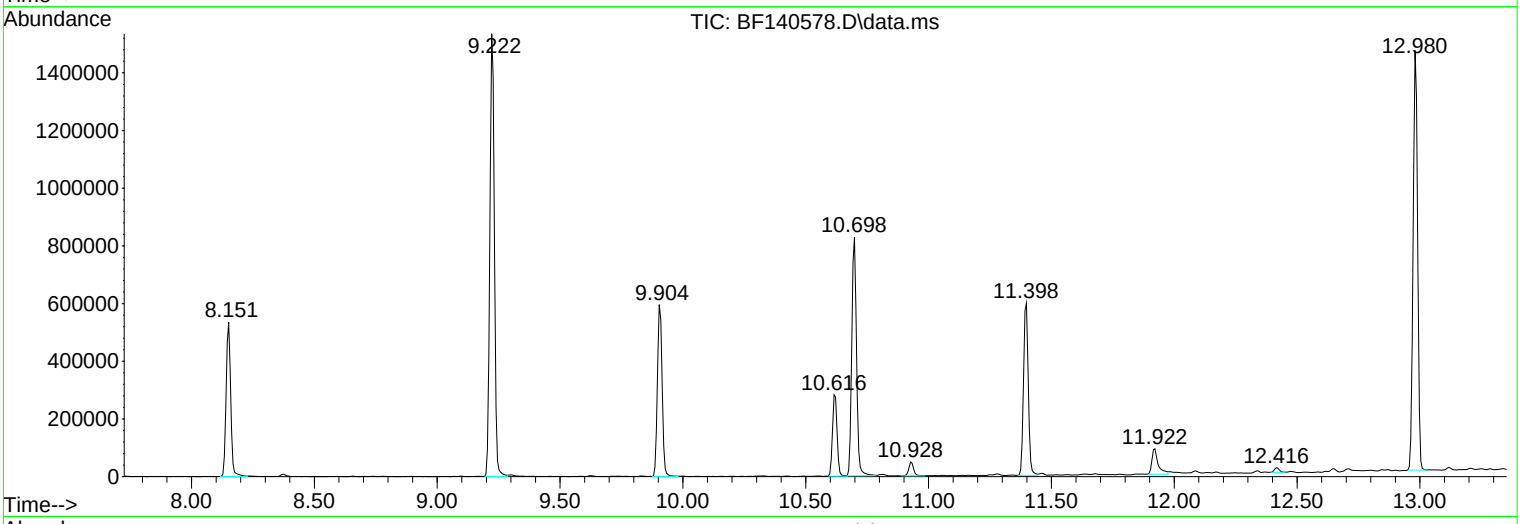
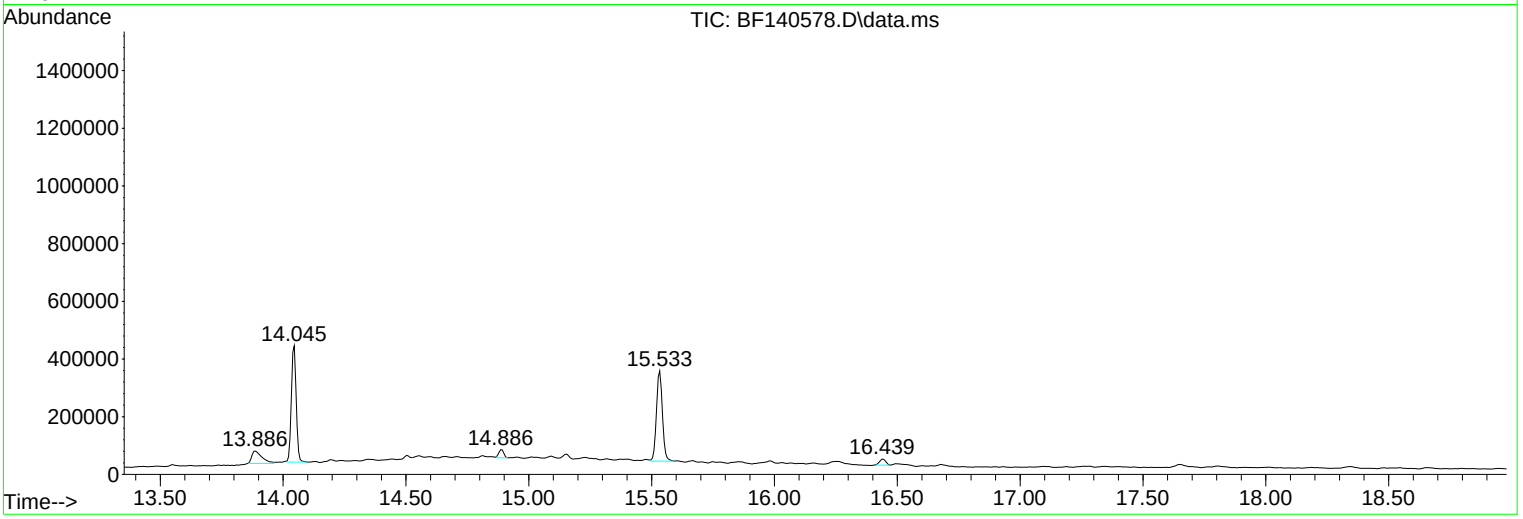
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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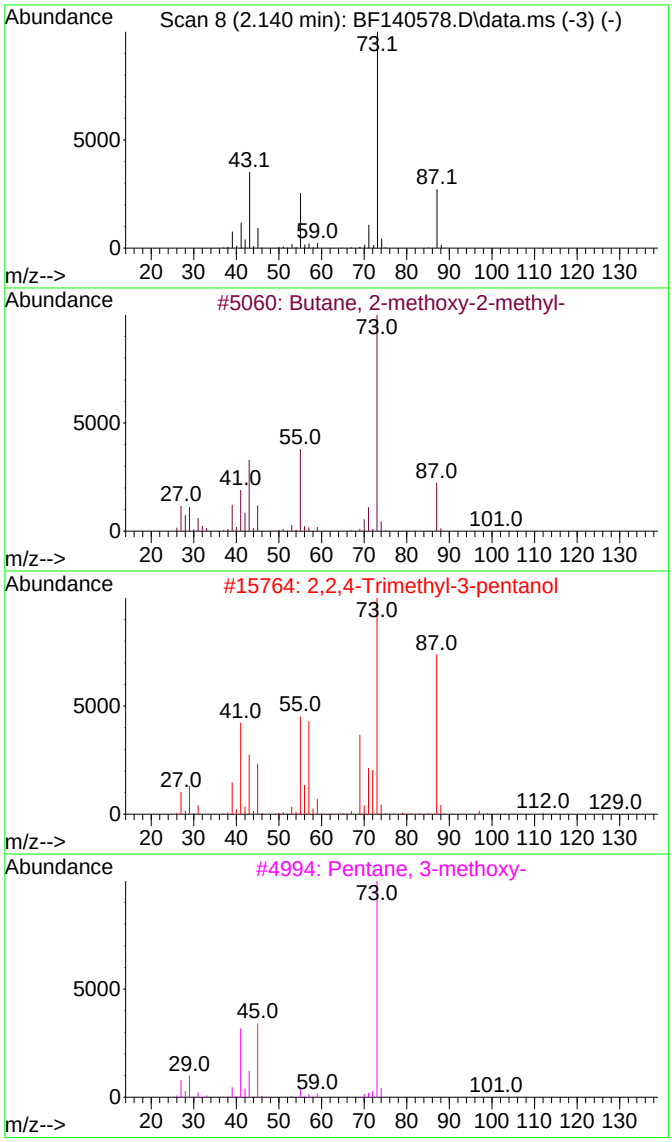
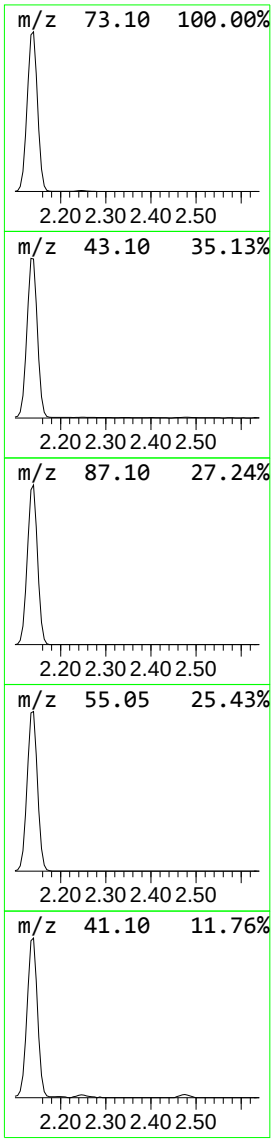
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	36.60 ng	997274	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





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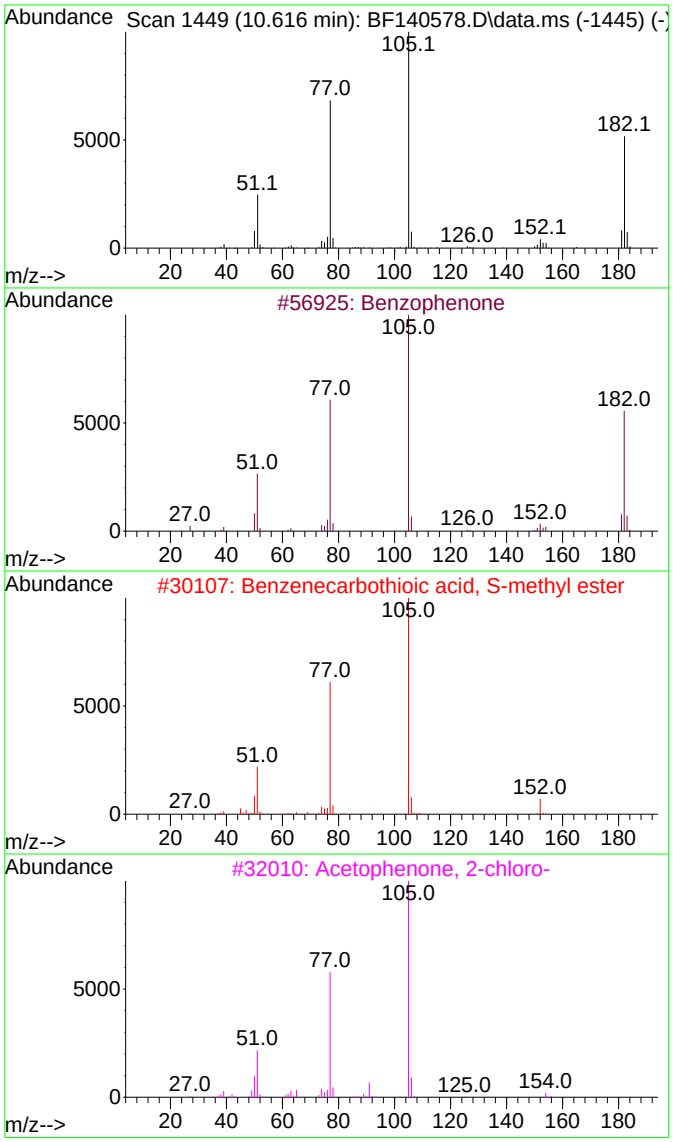
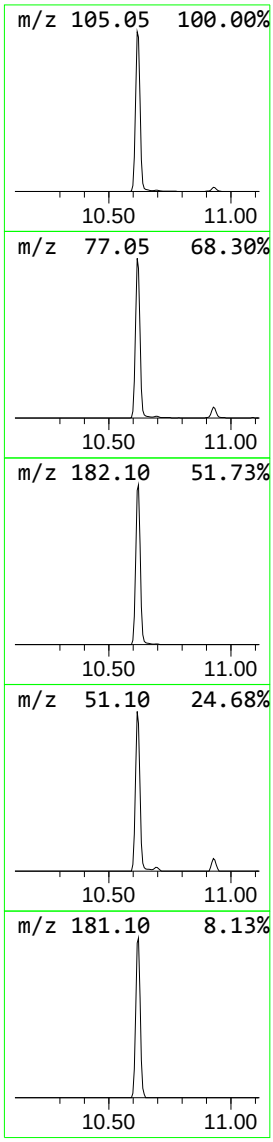
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	9.53 ng	368338	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
5	.alpha.,.alpha.-Dichloroacetophe...	188	C8H6Cl2O	002648-61-5	47





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Misc :
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Instrument :
BNA_F
ClientSampleId :
PH2-BOT-007

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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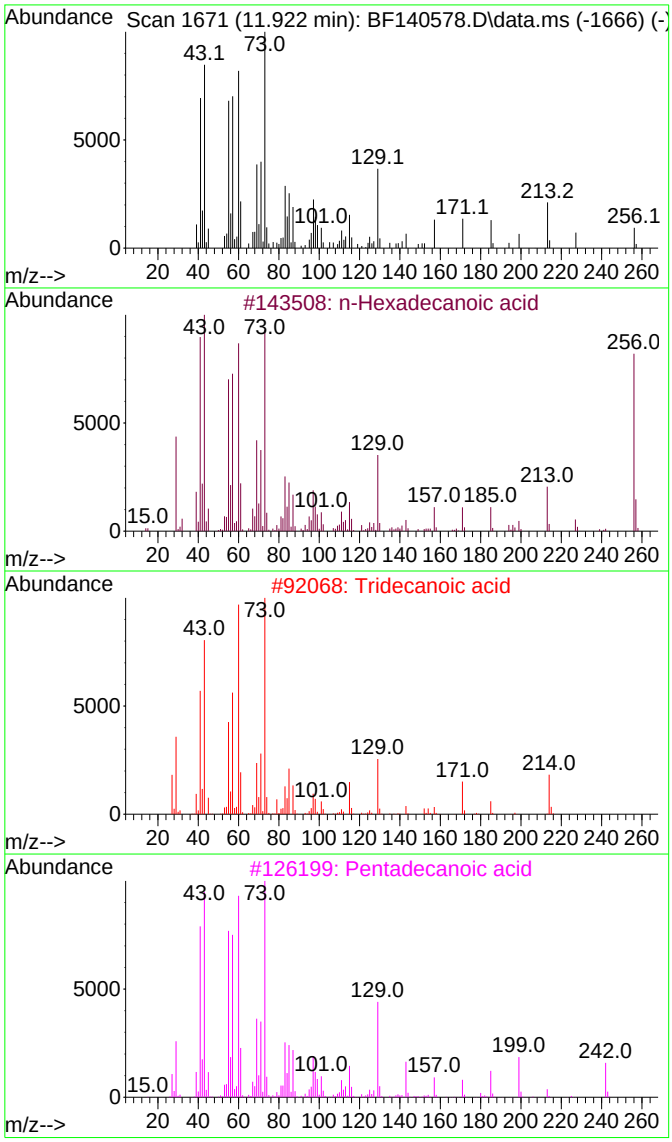
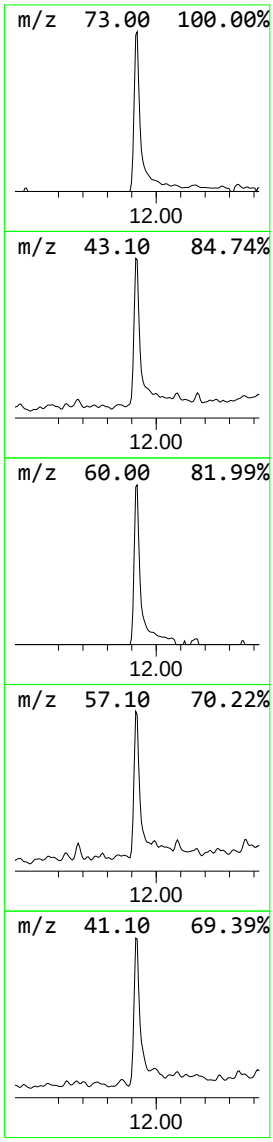
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	3.89 ng	156485	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	30





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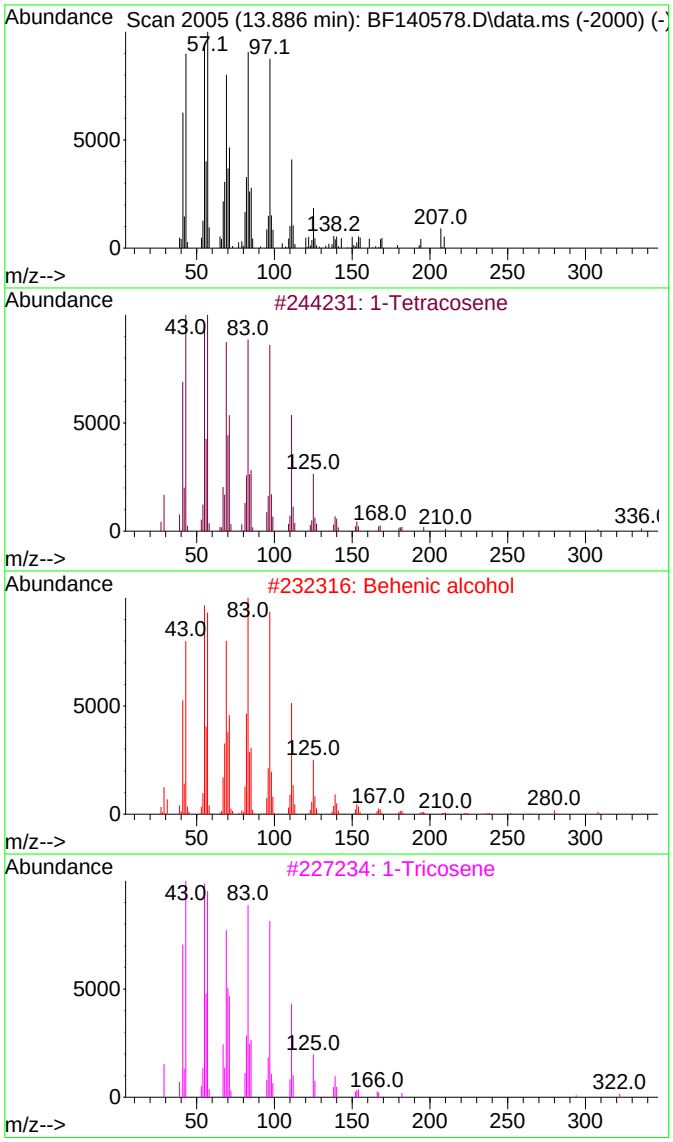
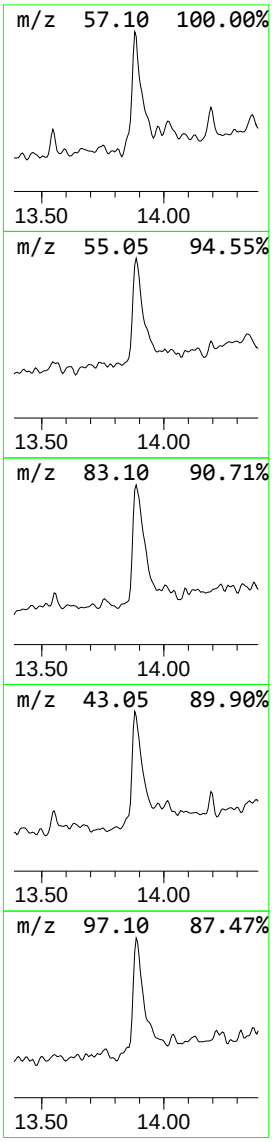
Peak Number 4 1-Tetracosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	4.48 ng	123822	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Tricosene	322	C23H46	018835-32-0	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	1-Hexacosene	364	C26H52	018835-33-1	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.140	36.6	ng	997274	1	6.869	544959	20.0
Benzophenone	10.616	9.5	ng	368338	3	9.904	773003	20.0
n-Hexadecanoic ...	11.922	3.9	ng	156485	4	11.398	805271	20.0
1-Tetracosene	13.886	4.5	ng	123822	5	14.045	552594	20.0