LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
Data File : BF088621.D
Acq On : 2 Jul 2016 17:09
Operator : UM/SJ
Sample : H3871-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K8-B1(0-12)C

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:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.724	10	12	18	rVB	13639	33311	1.23%	0.150%
2	1.861	22	24	34	rVB	155392	269166	9.98%	1.216%
3	4.959	292	295	300	rBV	137217	174445	6.47%	0.788%
4	5.381	329	332	335	rBV	1860266	2342855	86.85%	10.582%
5	6.433	420	424	426	rBV	2053348	2697516	100.00%	12.184%
6	6.559	432	435	438	rBV	2483600	2313731	85.77%	10.450%
7	6.787	453	455	458	rBV	478774	627691	23.27%	2.835%
8	6.947	467	469	472	rVB	1904358	1808106	67.03%	8.167%
9	7.359	502	505	507	rBV	1784332	1731607	64.19%	7.821%
10	8.079	565	568	570	rBV	1109045	894375	33.16%	4.040%
11	9.153	660	662	665	rBV	2273297	2491312	92.36%	11.252%
12	9.428	684	686	688	rBV	26651	34740	1.29%	0.157%
13	9.553	695	697	699	rBV	244266	274303	10.17%	1.239%
14	9.771	715	716	719	rBV	27421	27290	1.01%	0.123%
15	9.828	719	721	724	rVB	1025991	867869	32.17%	3.920%
16	10.273	758	760	761	rVB	47062	35766	1.33%	0.162%
17	10.616	787	790	792	rBV	1204879	1316944	48.82%	5.948%
18	10.742	800	801	806	rBV	47267	50523	1.87%	0.228%
19	11.188	838	840	842	rBV	80150	73196	2.71%	0.331%
20	11.302	848	850	852	rVB	700402	672800	24.94%	3.039%
21	11.371	852	856	860	rVB3	16331	41369	1.53%	0.187%
22	11.542	869	871	876	rVV	74918	82996	3.08%	0.375%
23	11.611	876	877	885	rVB	21797	34305	1.27%	0.155%
24	11.839	895	897	899	rBV	47805	56146	2.08%	0.254%
25	12.891	987	989	991	rBV	1900732	1639700	60.79%	7.406%
26	13.794	1066	1068	1073	rBV2	128275	168497	6.25%	0.761%
27	13.931	1077	1080	1082	rBV	711351	622470	23.08%	2.811%
28	14.422	1121	1123	1125	rBV	24720	33681	1.25%	0.152%
29	14.788	1153	1155	1159	rVB	83311	90374	3.35%	0.408%
30	14.937	1163	1168	1169	rBV5	10847	34685	1.29%	0.157%
31	15.325	1199	1202	1205	rBV	465461	598619	22.19%	2.704%

Sum of corrected areas: 22140388

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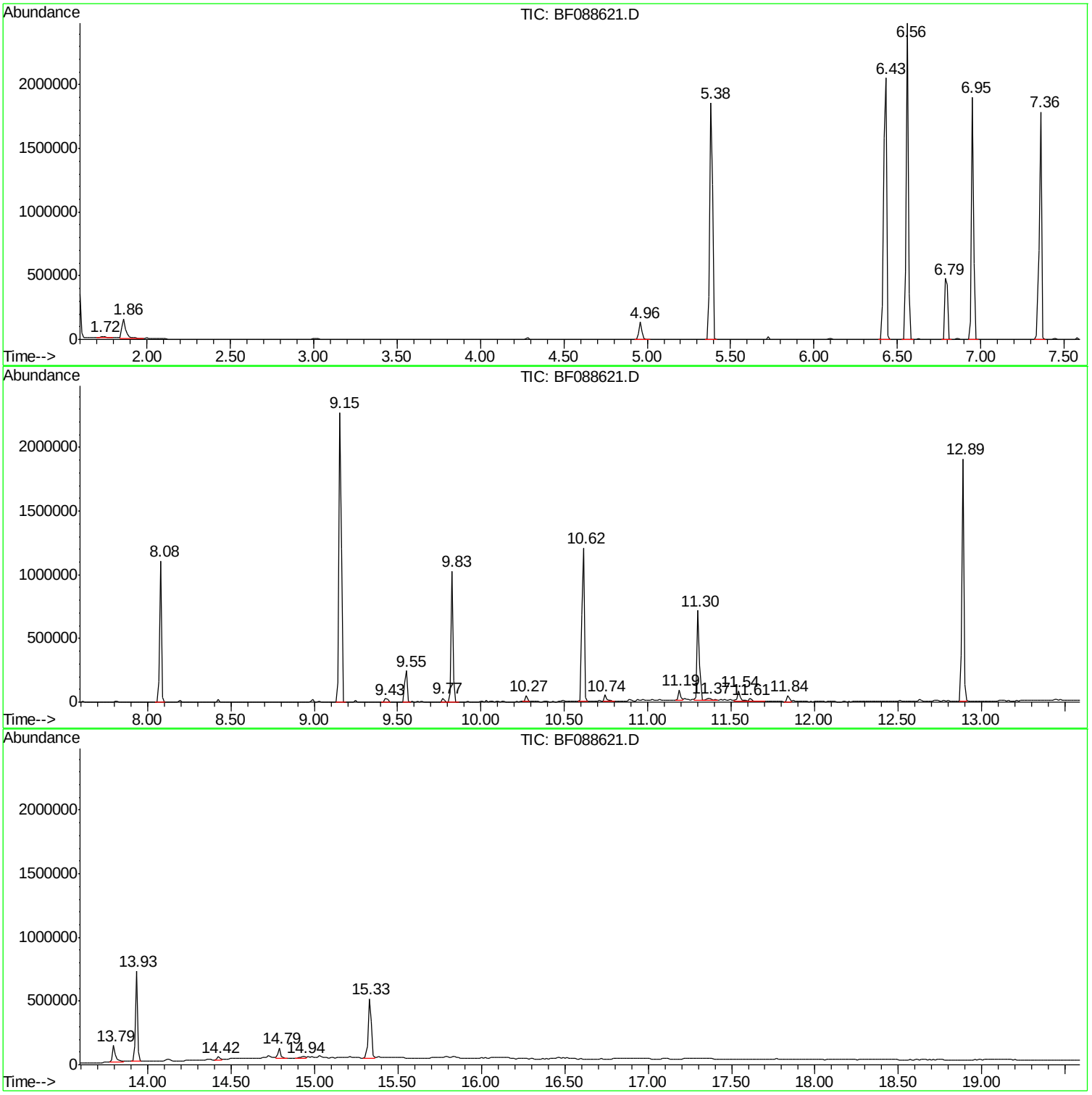
K8-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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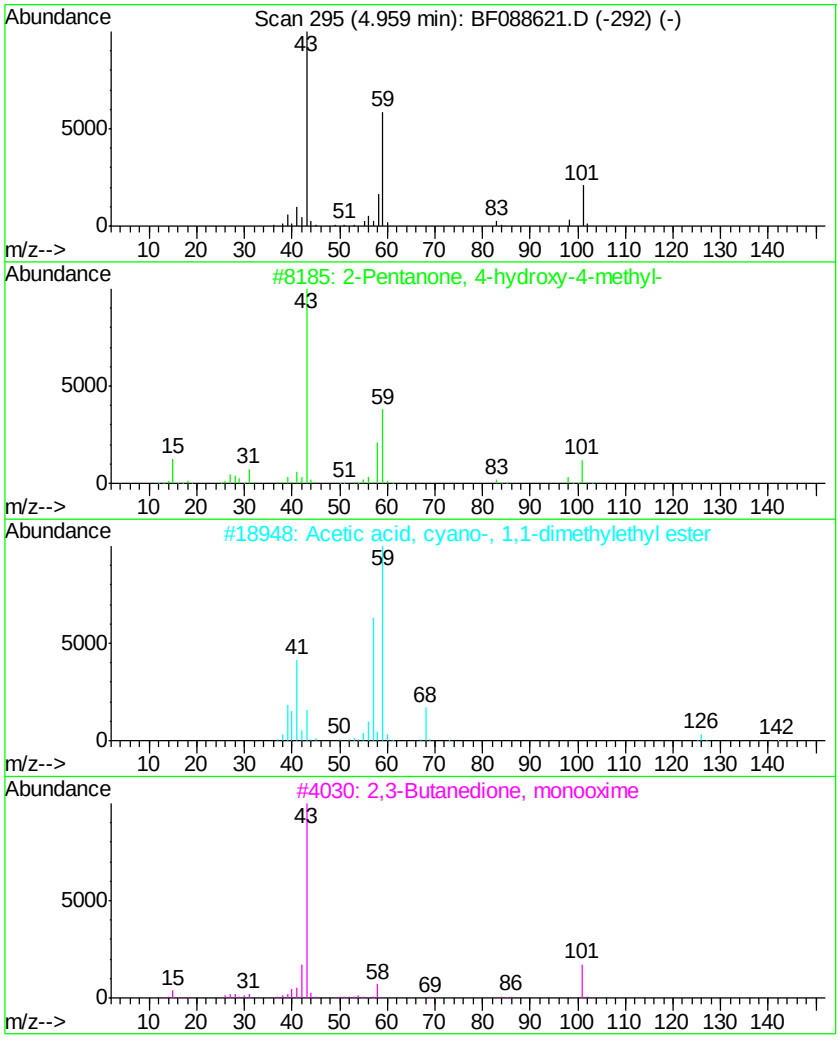
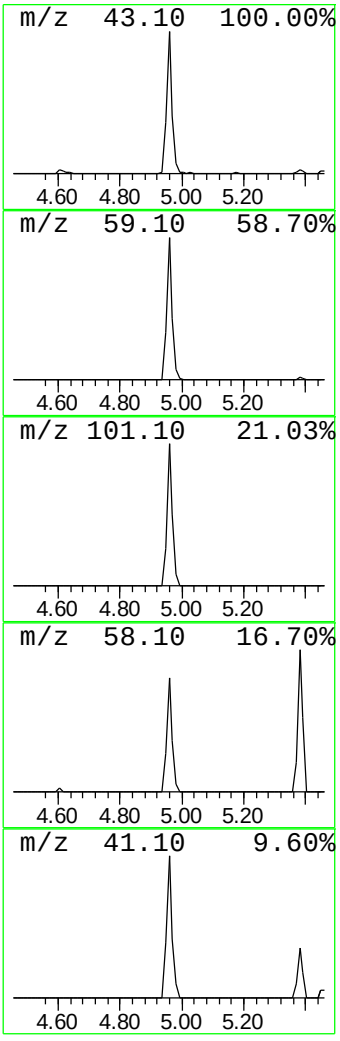
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	5.56 ng	174445	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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ClientSampleId : K8-B1(0-12)C

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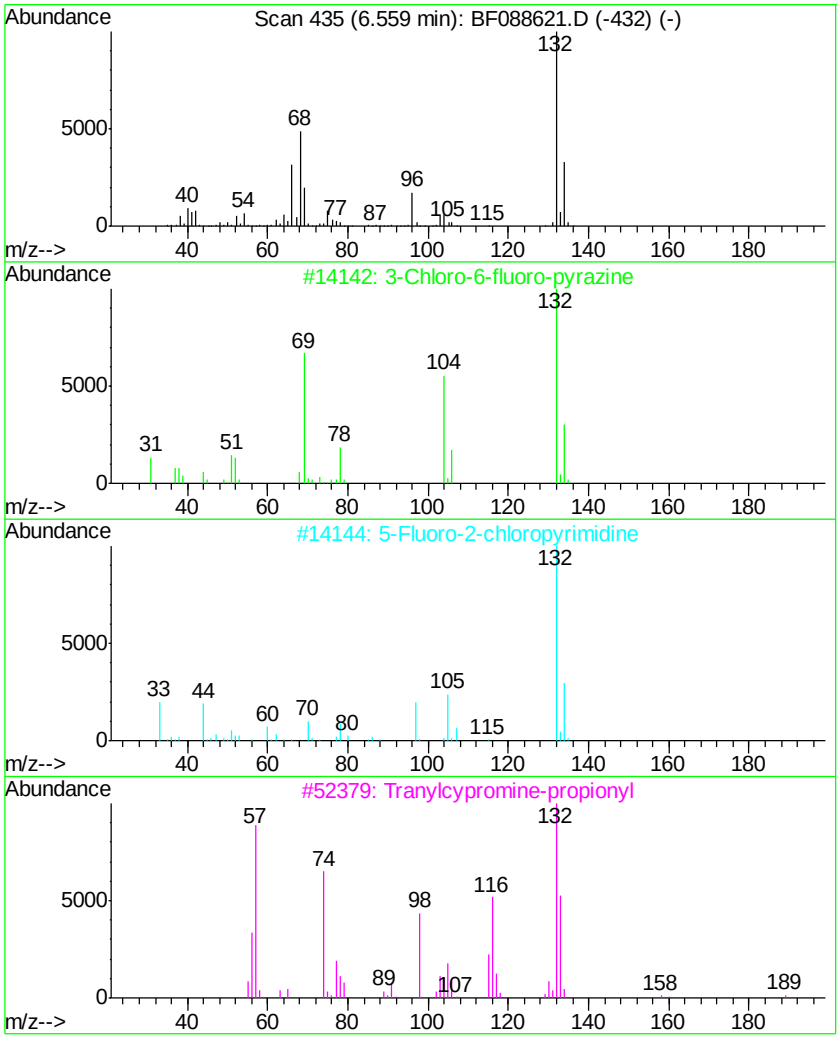
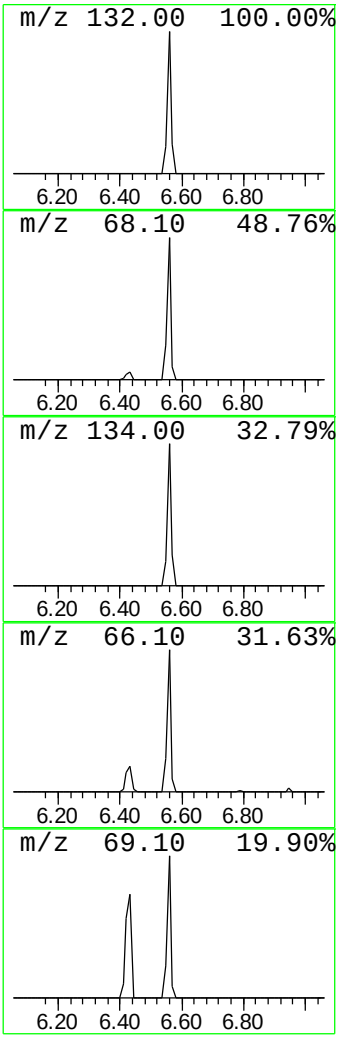
Peak Number 3 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	73.72 ng	2313730	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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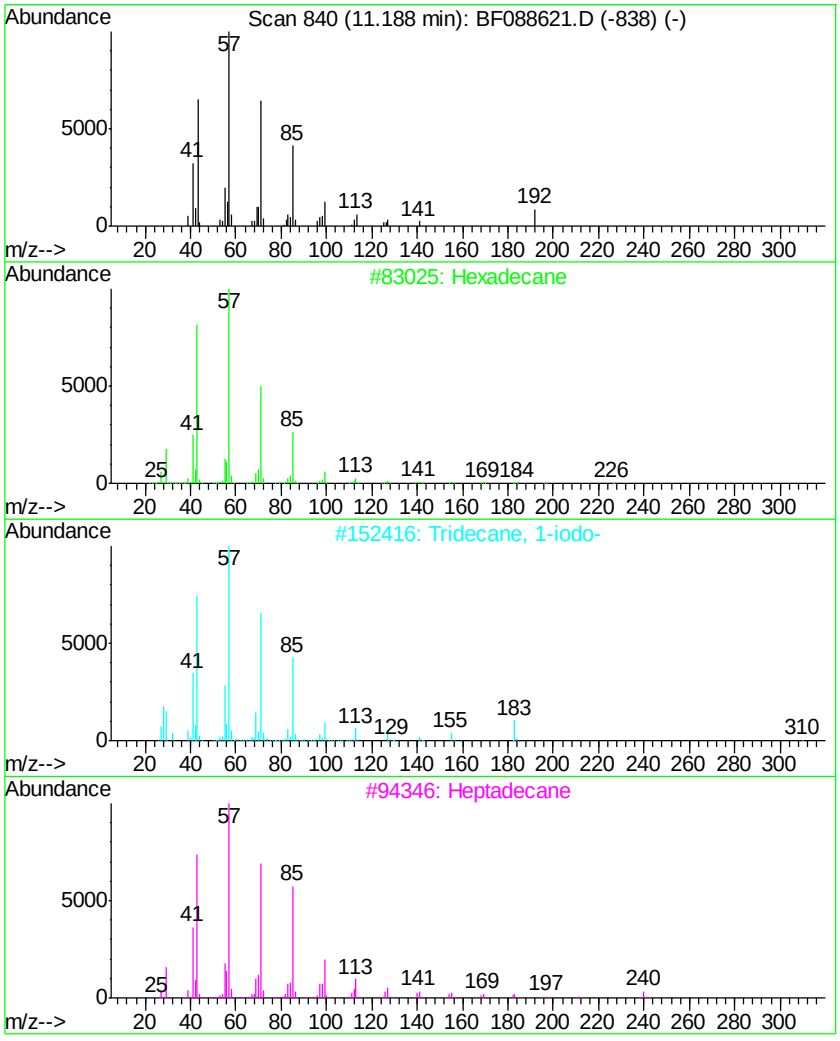
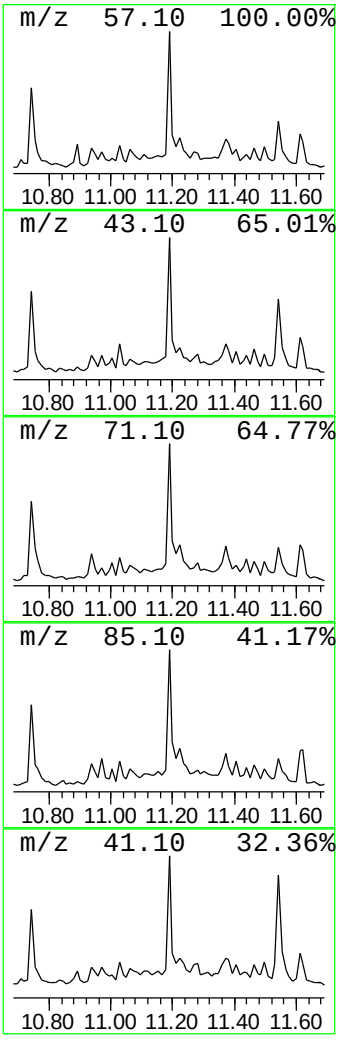
Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	2.18 ng	73196	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
3	Heptadecane	240	C17H36	000629-78-7	87
4	Tetradecane	198	C14H30	000629-59-4	86
5	Pentadecane	212	C15H32	000629-62-9	80





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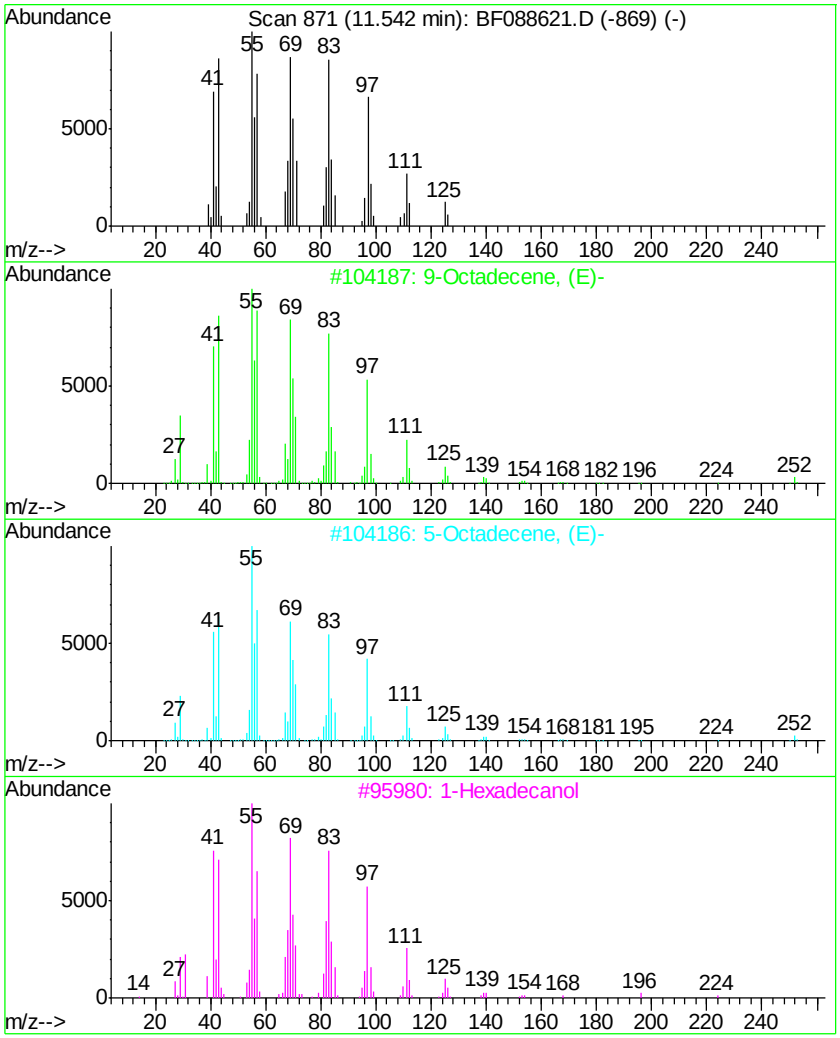
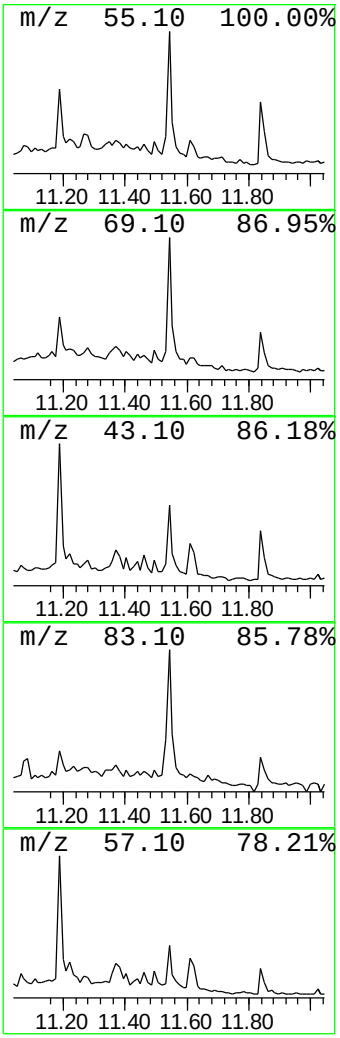
Peak Number 6 9-Octadecene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	2.47 ng	82996	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	90
3	1-Hexadecanol	242	C16H34O	036653-82-4	83
4	Cetene	224	C16H32	000629-73-2	76
5	Cyclotetradecane	196	C14H28	000295-17-0	64





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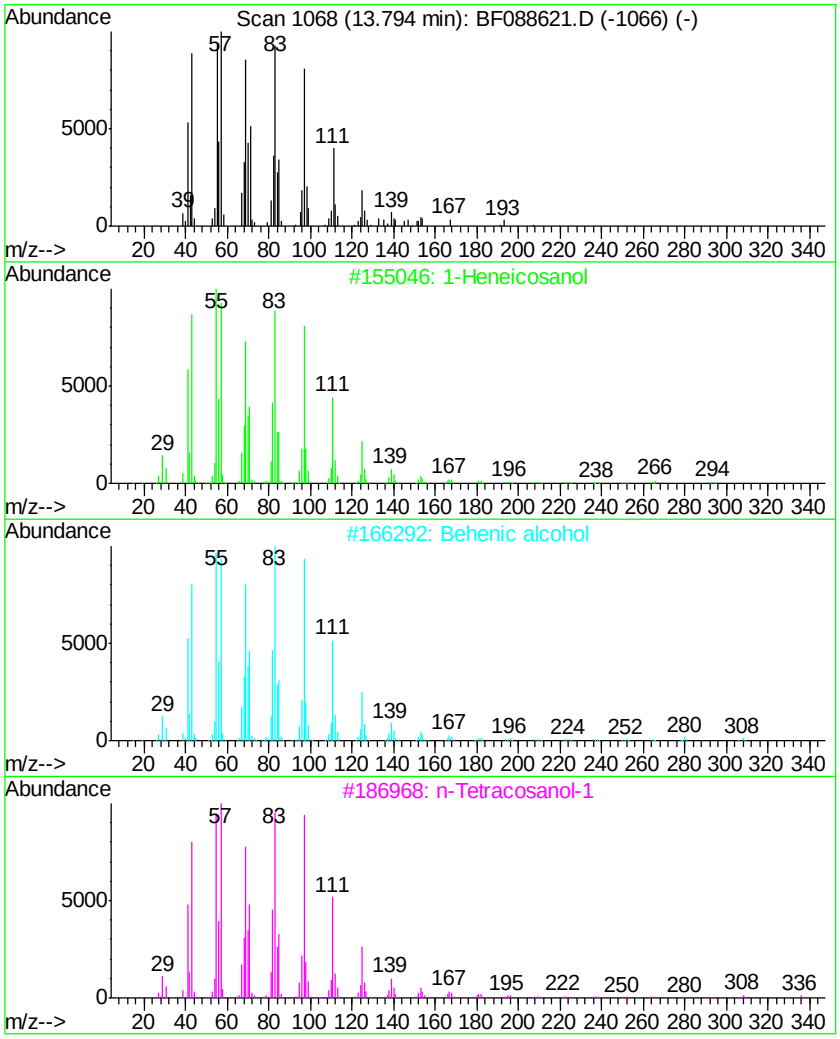
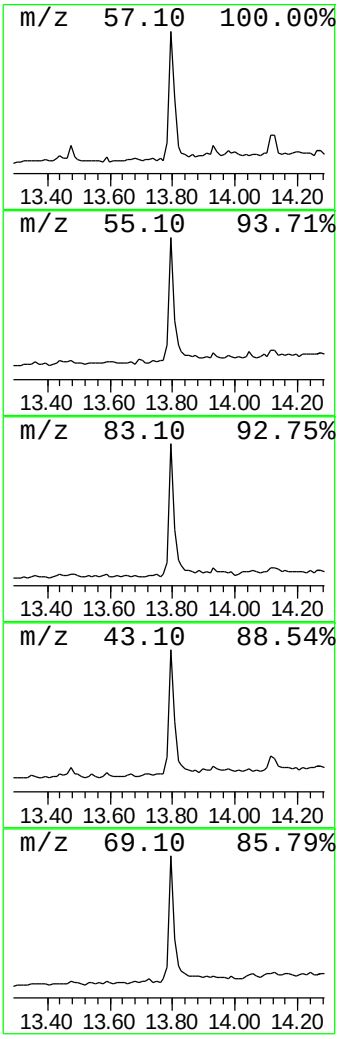
Peak Number 7 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	5.41 ng	168497	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	93





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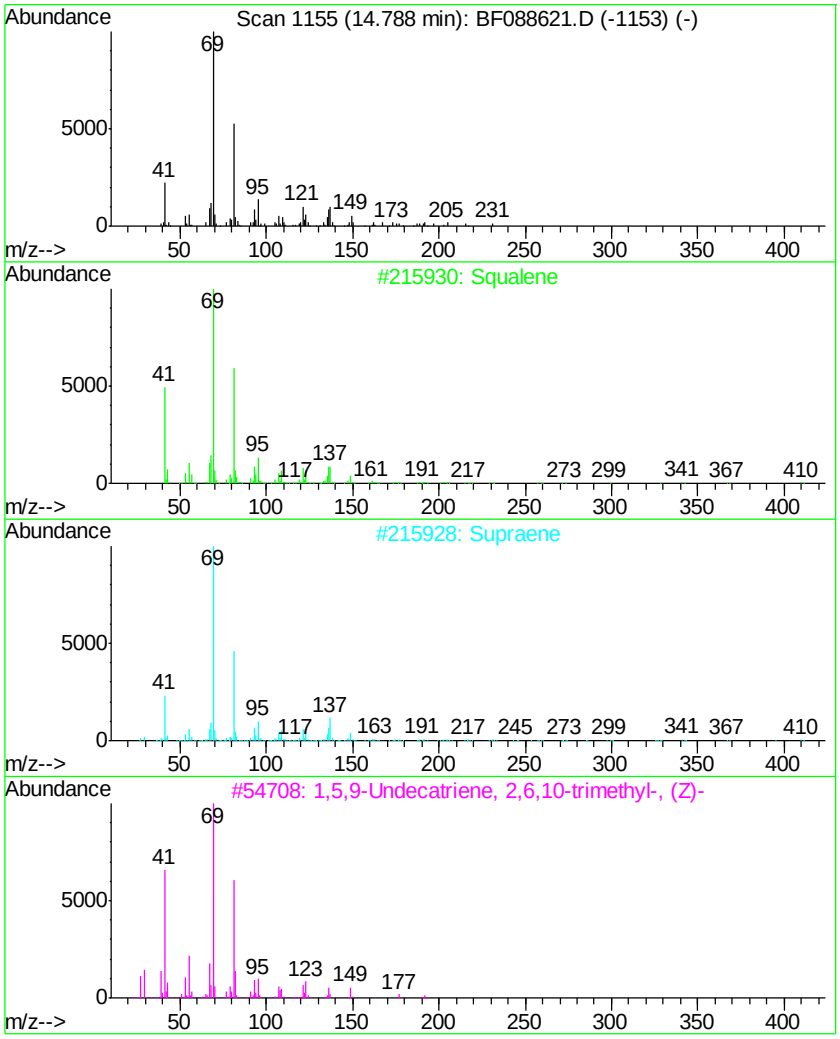
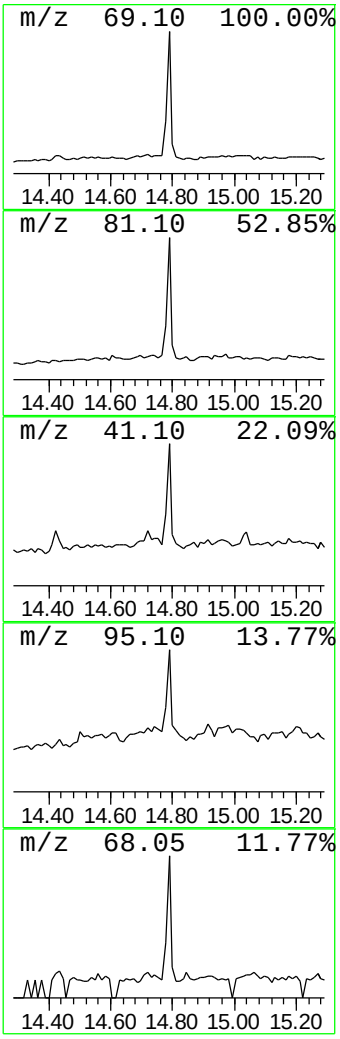
Peak Number 8 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.02 ng	90374	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	83
4	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	72
5	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	53





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-hy...	4.96	5.6	ng	174445	1	6.80	627691	20.0
unknown6.56	6.56	73.7	ng	2313730	1	6.80	627691	20.0
Hexadecane	11.19	2.2	ng	73196	4	11.30	672800	20.0
9-Octadecene, (E)-	11.54	2.5	ng	82996	4	11.30	672800	20.0
1-Heneicosanol	13.79	5.4	ng	168497	5	13.93	622470	20.0
Squalene	14.79	3.0	ng	90374	6	15.33	598619	20.0