LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092445.D
Acq On : 24 Jan 2017 22:46
Operator : UM/SJ
Sample : I1382-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-001-B

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-BF012417.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	5.162	265	269	280	rVB	1637023	2567781	42.72%	4.990%
2	5.573	301	305	307	rBV	3909556	6010242	100.00%	11.680%
3	6.590	390	394	397	rBV	4209140	5689709	94.67%	11.057%
4	6.739	403	407	409	rBV	4519270	5783045	96.22%	11.239%
5	6.967	424	427	429	rBV	1161428	989245	16.46%	1.922%
6	7.127	438	441	443	rBV	4273383	4236344	70.49%	8.233%
7	7.539	473	477	479	rBV	2688648	4016751	66.83%	7.806%
8	8.259	537	540	542	rVB	1483330	1355436	22.55%	2.634%
9	9.345	632	635	638	rBV	4866639	5632032	93.71%	10.945%
10	9.733	667	669	671	rBV	308554	332262	5.53%	0.646%
11	10.031	692	695	697	rVB	1032952	1467700	24.42%	2.852%
12	10.465	729	733	734	rBV	116388	139367	2.32%	0.271%
13	10.682	749	752	753	rBV	51631	61386	1.02%	0.119%
14	10.819	760	764	766	rBV	2898687	3440010	57.24%	6.685%
15	10.934	772	774	779	rVB	191017	211027	3.51%	0.410%
16	11.379	811	813	815	rBV	109299	114533	1.91%	0.223%
17	11.516	822	825	827	rBV	1227146	1460297	24.30%	2.838%
18	12.042	868	871	878	rBV	206315	249055	4.14%	0.484%
19	12.831	937	940	946	rBV2	41168	75638	1.26%	0.147%
20	13.105	961	964	967	rBV	4596528	5047645	83.98%	9.809%
21	13.997	1040	1042	1046	rBV	258000	287780	4.79%	0.559%
22	14.145	1053	1055	1058	rVB	1159621	1131932	18.83%	2.200%
23	14.625	1094	1097	1100	rBV4	38454	70460	1.17%	0.137%
24	15.014	1129	1131	1134	rBV	107708	136155	2.27%	0.265%
25	15.631	1182	1185	1187	rBV	562795	881732	14.67%	1.714%
26	16.648	1271	1274	1280	rVB2	31125	69456	1.16%	0.135%

Sum of corrected areas: 51457020

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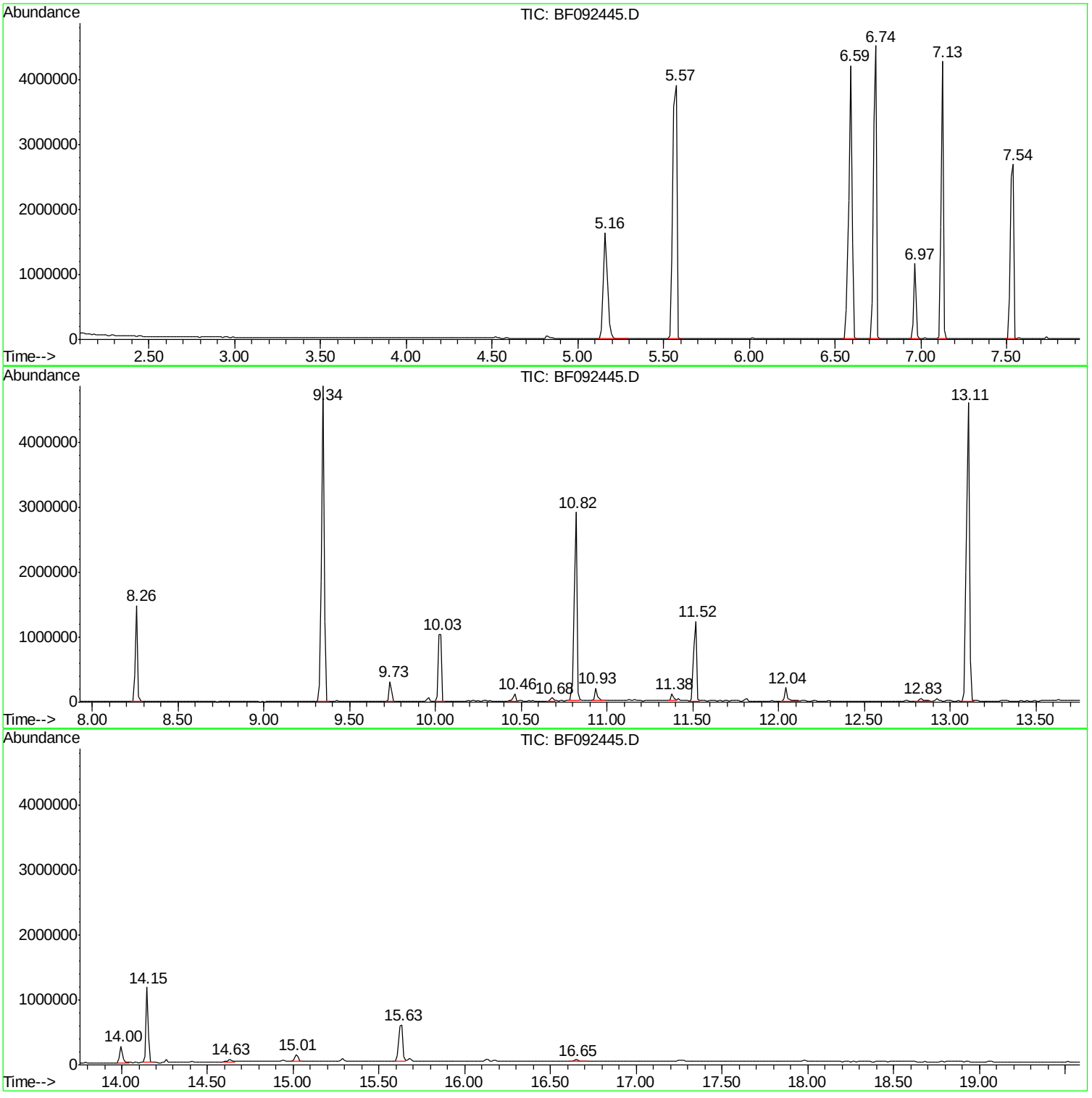
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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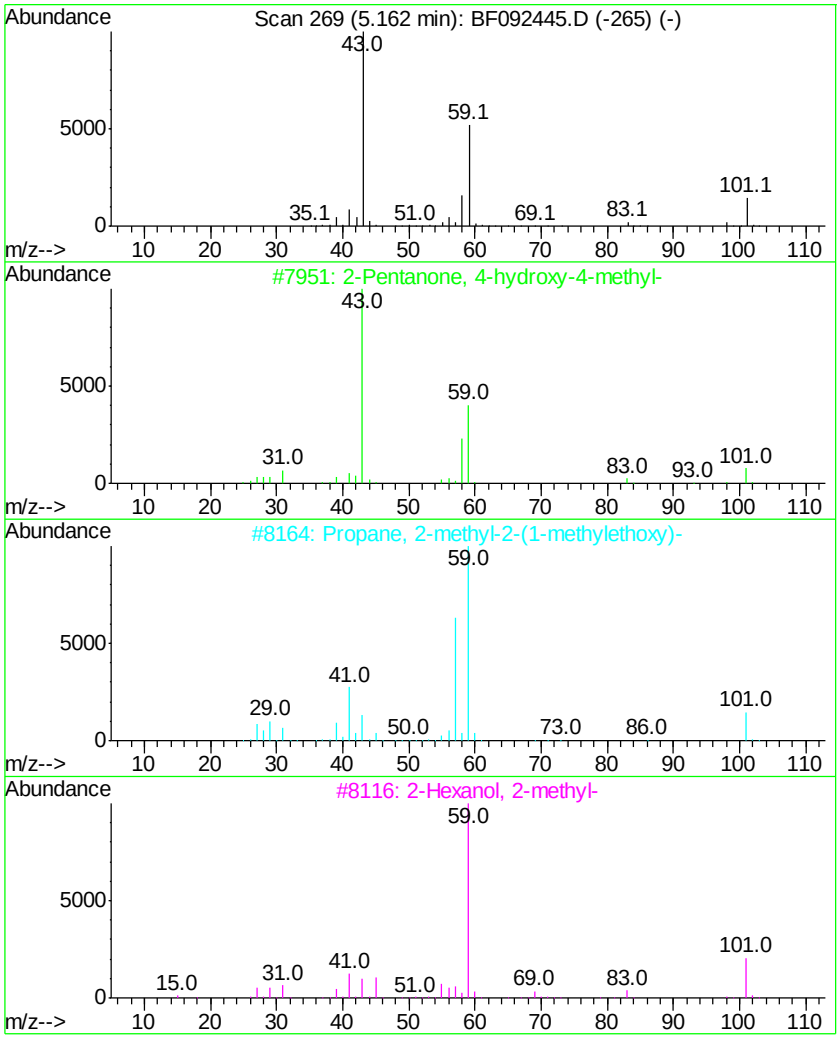
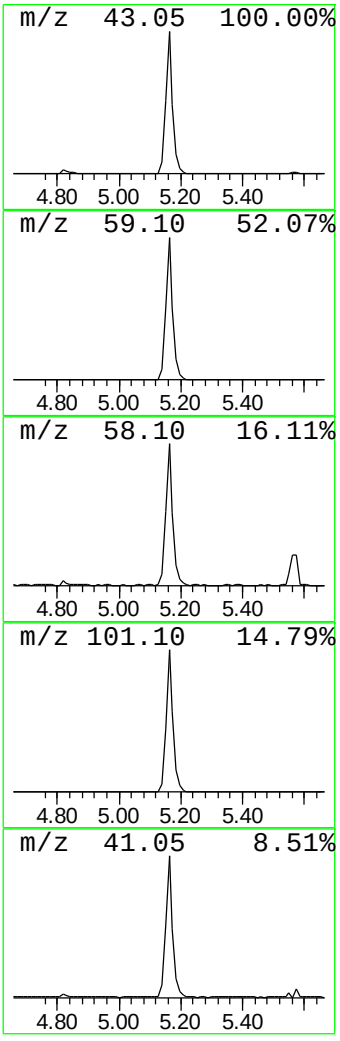
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	51.91 ng	2567780	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Instrument : BNA_F
ClientSampleId : FK-GF-01-001-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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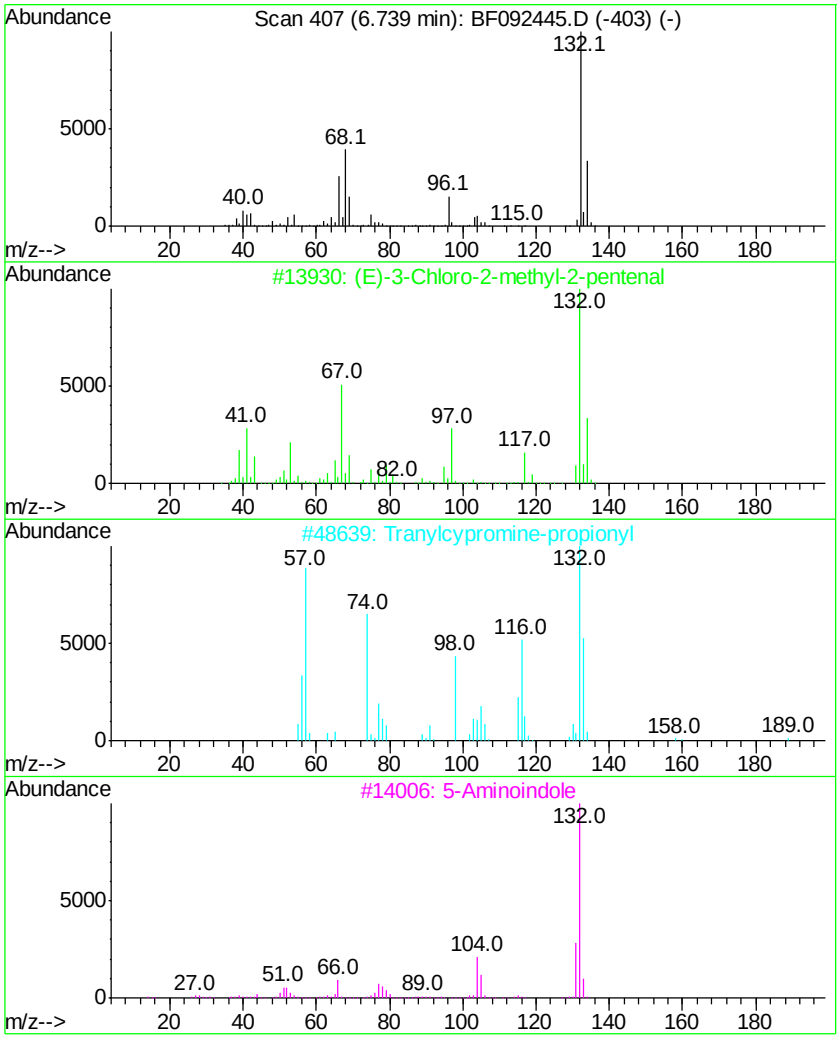
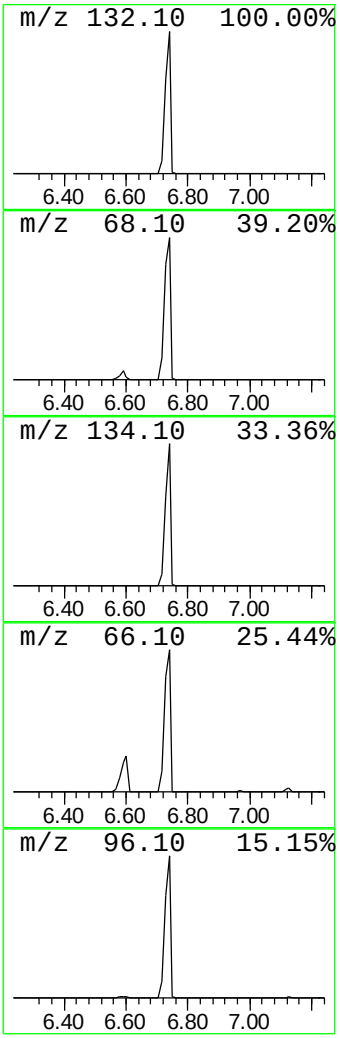
Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	116.92 ng	5783050	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	5-Aminoindole	132	C8H8N2	005192-03-0	9
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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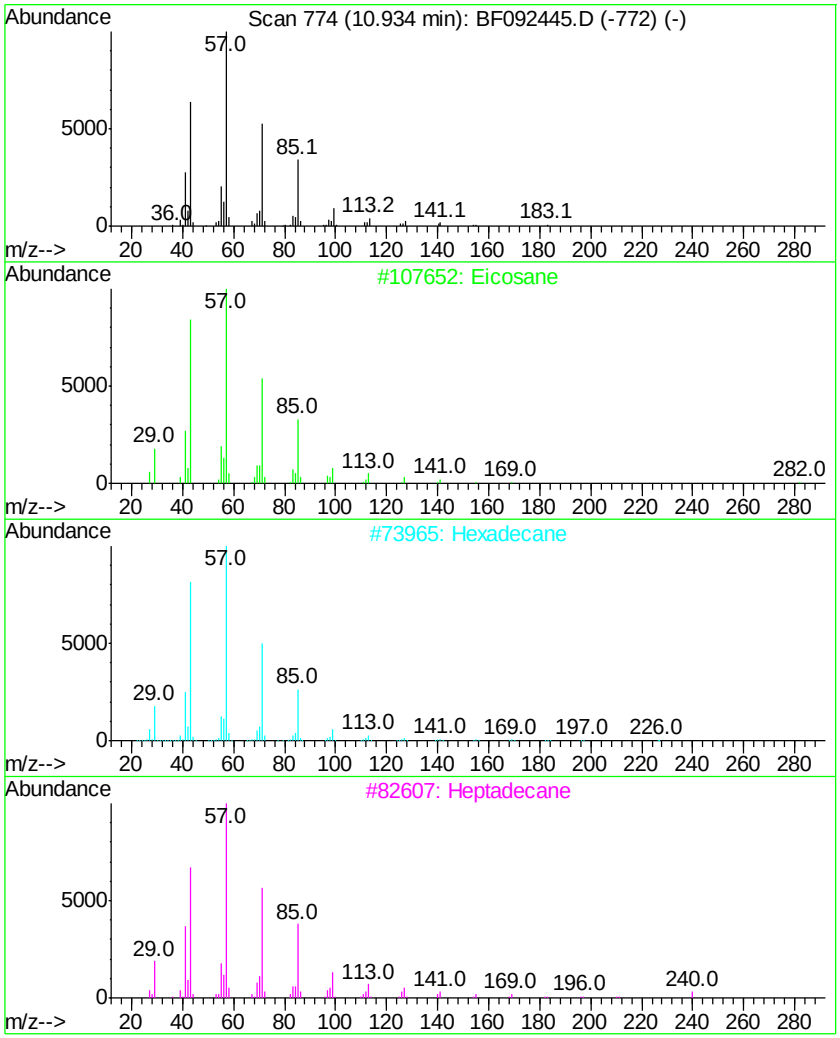
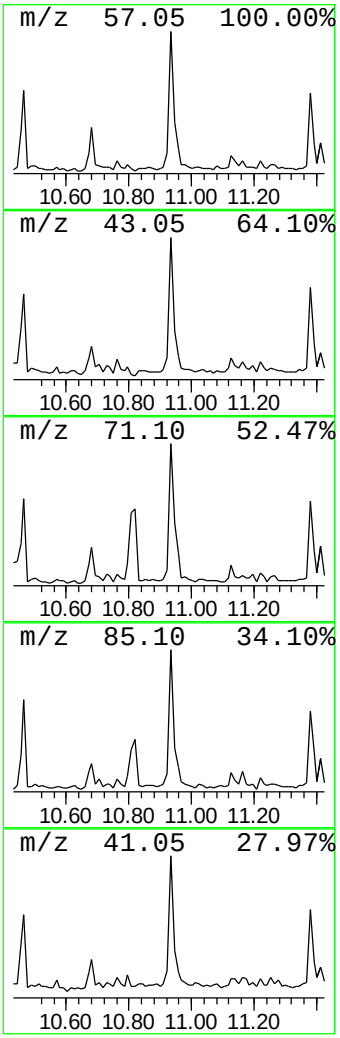
Peak Number 4 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	2.89 ng	211027	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83





Library Search Compound Report

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ClientSampleId : FK-GF-01-001-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
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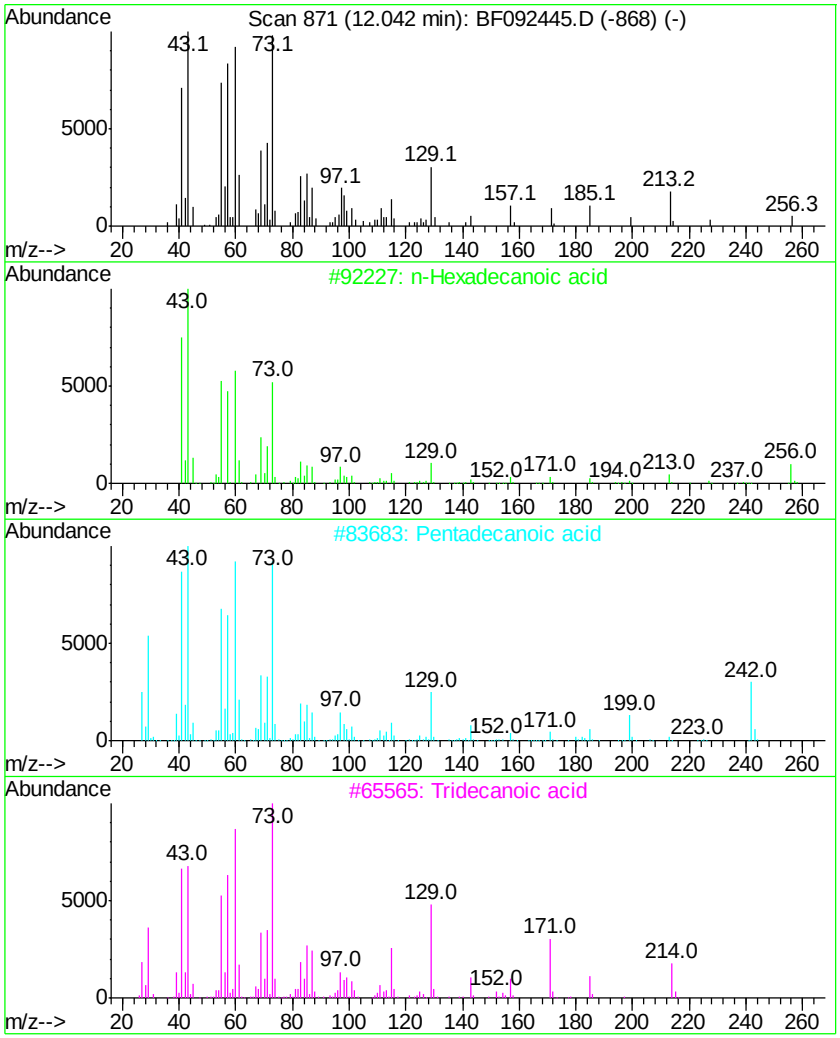
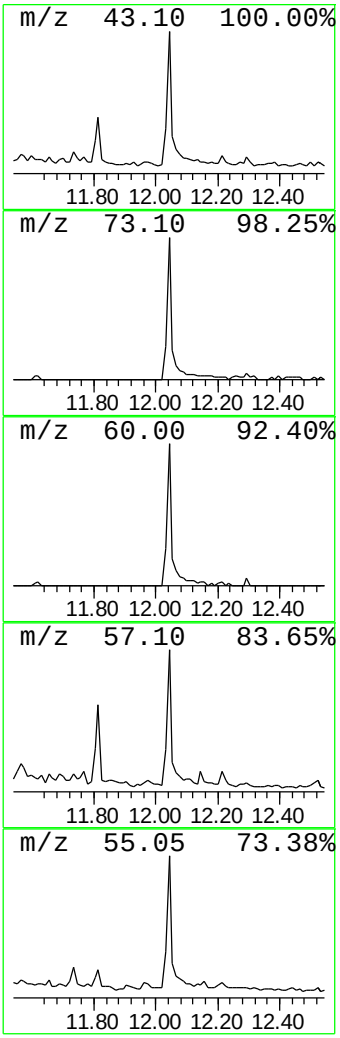
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.41 ng	249055	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Undecane	156	C11H24	001120-21-4	11





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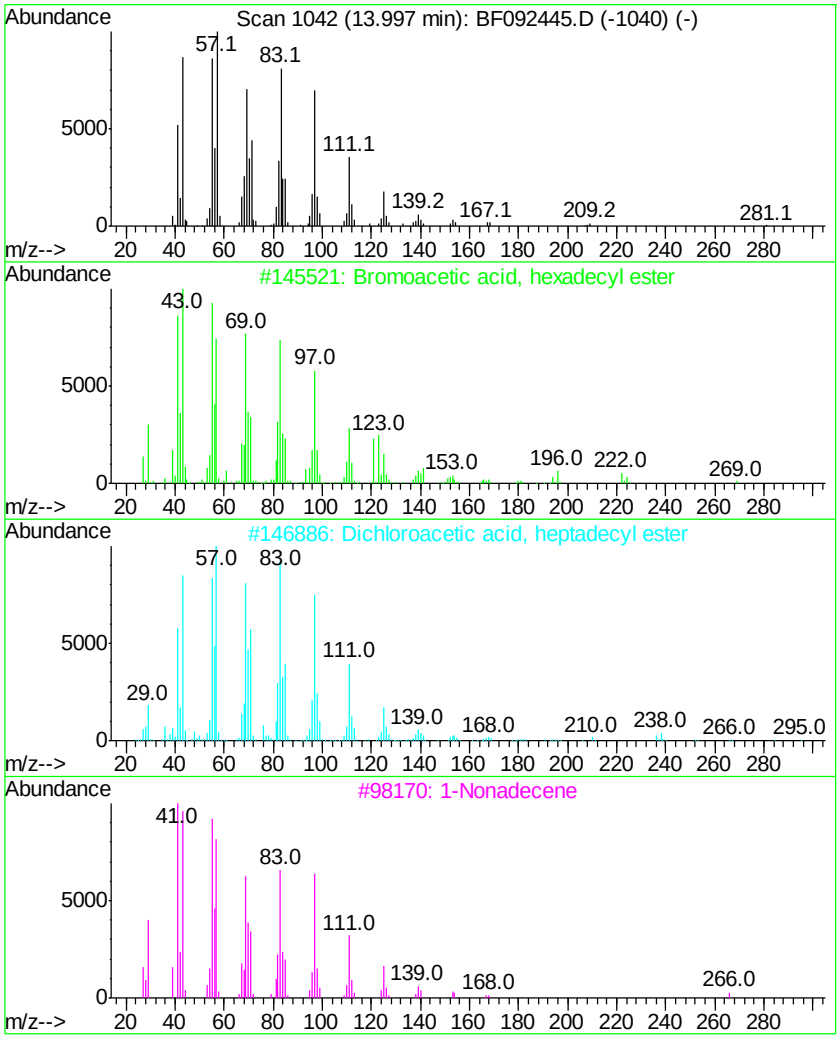
TIC Integration Parameters: LSCINT.P

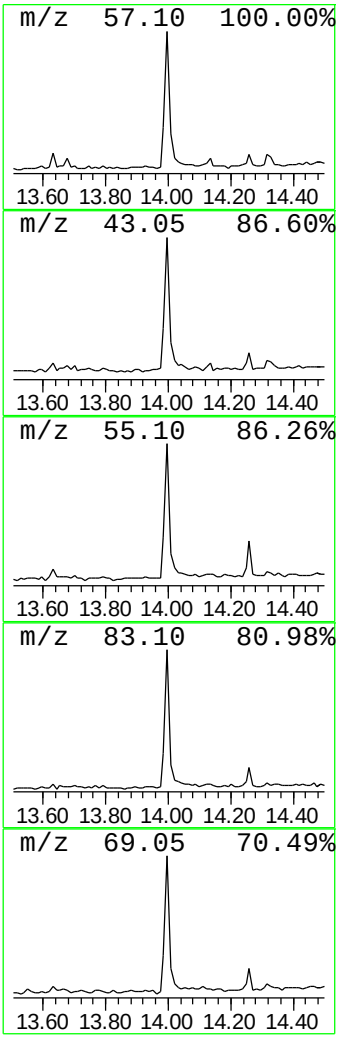
****

Peak Number 6 Bromoacetic acid, hexadecyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	5.08 ng	287780	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





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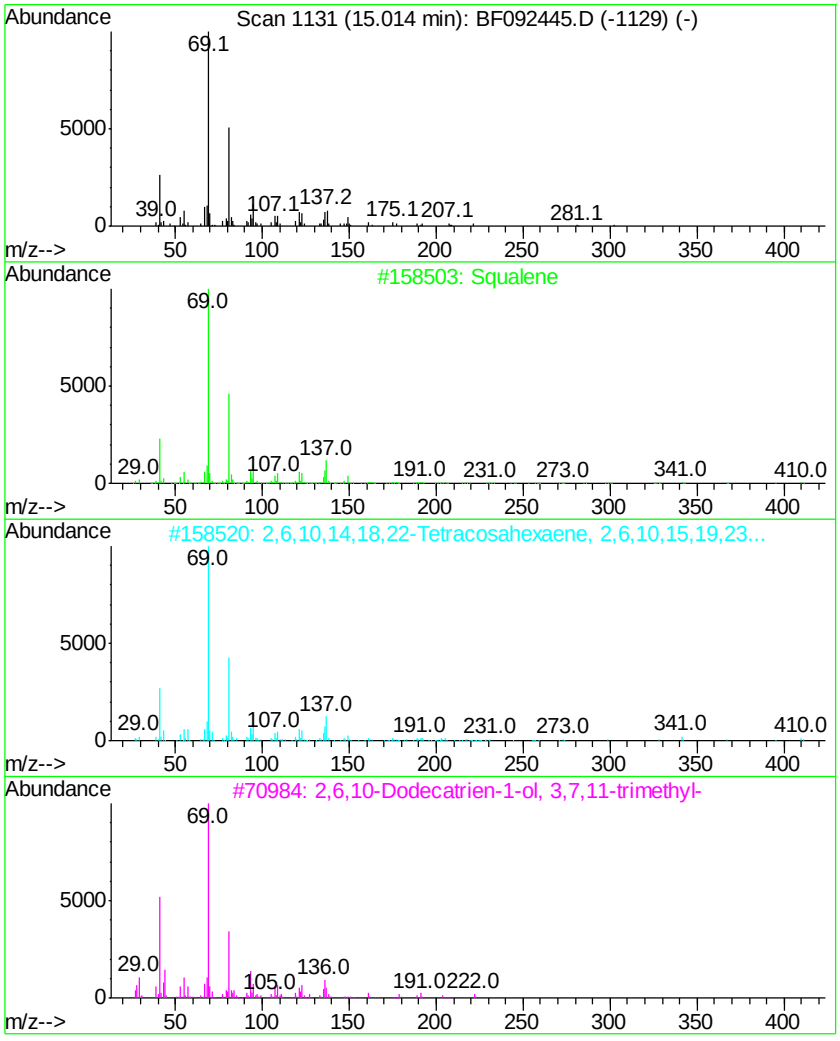
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

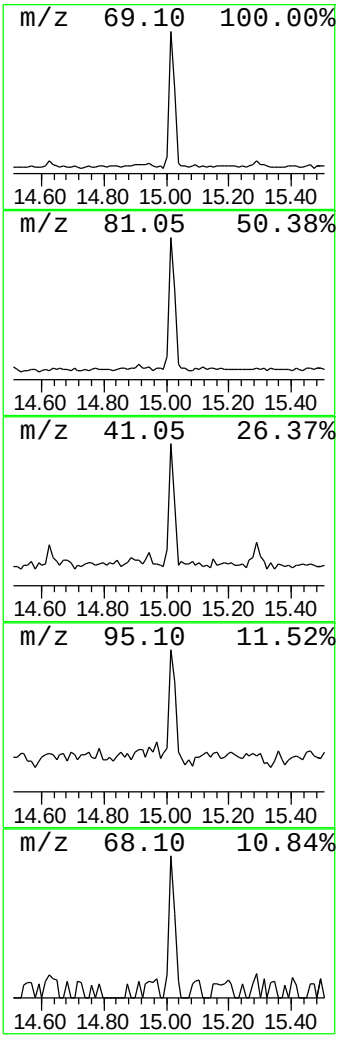
****

Peak Number 7 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	3.09 ng	136155	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	83
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.16	51.9	ng	2567780	1	6.97	989245	20.0
unknown6.74	6.74	116.9	ng	5783050	1	6.97	989245	20.0
Eicosane	10.93	2.9	ng	211027	4	11.52	1460300	20.0
n-Hexadecanoic acid	12.04	3.4	ng	249055	4	11.52	1460300	20.0
Bromoacetic acid,...	14.00	5.1	ng	287780	5	14.15	1131930	20.0
Squalene	15.01	3.1	ng	136155	6	15.63	881732	20.0