LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088967.D
Acq On : 13 Jul 2016 19:40
Operator : UM/SJ
Sample : H3988-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4.2-5

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	1.667	6	7	16	rVB	188859	287581	14.45%	1.914%
2	1.781	16	17	25	rVB	1216068	1989929	100.00%	13.243%
3	4.844	282	285	292	rVB	118909	161844	8.13%	1.077%
4	5.290	321	324	326	rBV	1289151	1215844	61.10%	8.091%
5	6.342	413	416	418	rVB	1286879	1264082	63.52%	8.412%
6	6.467	424	427	429	rBV	1085931	1387980	69.75%	9.237%
7	6.696	445	447	449	rBV	403354	398910	20.05%	2.655%
8	6.845	458	460	463	rBV	847127	1017384	51.13%	6.771%
9	7.256	493	496	499	rBB	735475	762371	38.31%	5.074%
10	7.976	557	559	562	rBB	566807	498677	25.06%	3.319%
11	9.062	651	654	656	rBV	1633756	1619763	81.40%	10.780%
12	9.450	686	688	691	rBV	290797	264921	13.31%	1.763%
13	9.725	710	712	715	rBB	529928	517007	25.98%	3.441%
14	10.513	779	781	783	rBV	913408	814890	40.95%	5.423%
15	10.651	791	793	796	rBV	16126	27590	1.39%	0.184%
16	11.096	829	832	833	rBV	21961	27667	1.39%	0.184%
17	11.199	839	841	844	rVV	421943	439528	22.09%	2.925%
18	11.439	860	862	867	rVV	65739	99599	5.01%	0.663%
19	12.262	932	934	937	rBV	301608	288048	14.48%	1.917%
20	12.788	978	980	982	rBV	1086338	951386	47.81%	6.331%
21	13.245	1017	1020	1022	rBV	33571	33752	1.70%	0.225%
22	13.691	1057	1059	1068	rBV	57966	73094	3.67%	0.486%
23	13.828	1068	1071	1073	rBV	388809	371808	18.68%	2.474%
24	14.331	1112	1115	1120	rBV	20528	32804	1.65%	0.218%
25	14.822	1155	1158	1161	rBV	13171	22017	1.11%	0.147%
26	15.200	1188	1191	1194	rBV	303039	353366	17.76%	2.352%
27	15.634	1226	1229	1231	rBV	14280	21124	1.06%	0.141%
28	16.320	1286	1289	1293	rVB3	11729	22631	1.14%	0.151%
29	16.583	1309	1312	1314	rBV3	9532	21374	1.07%	0.142%
30	16.628	1314	1316	1322	rVB5	19483	39327	1.98%	0.262%

Sum of corrected areas: 15026298

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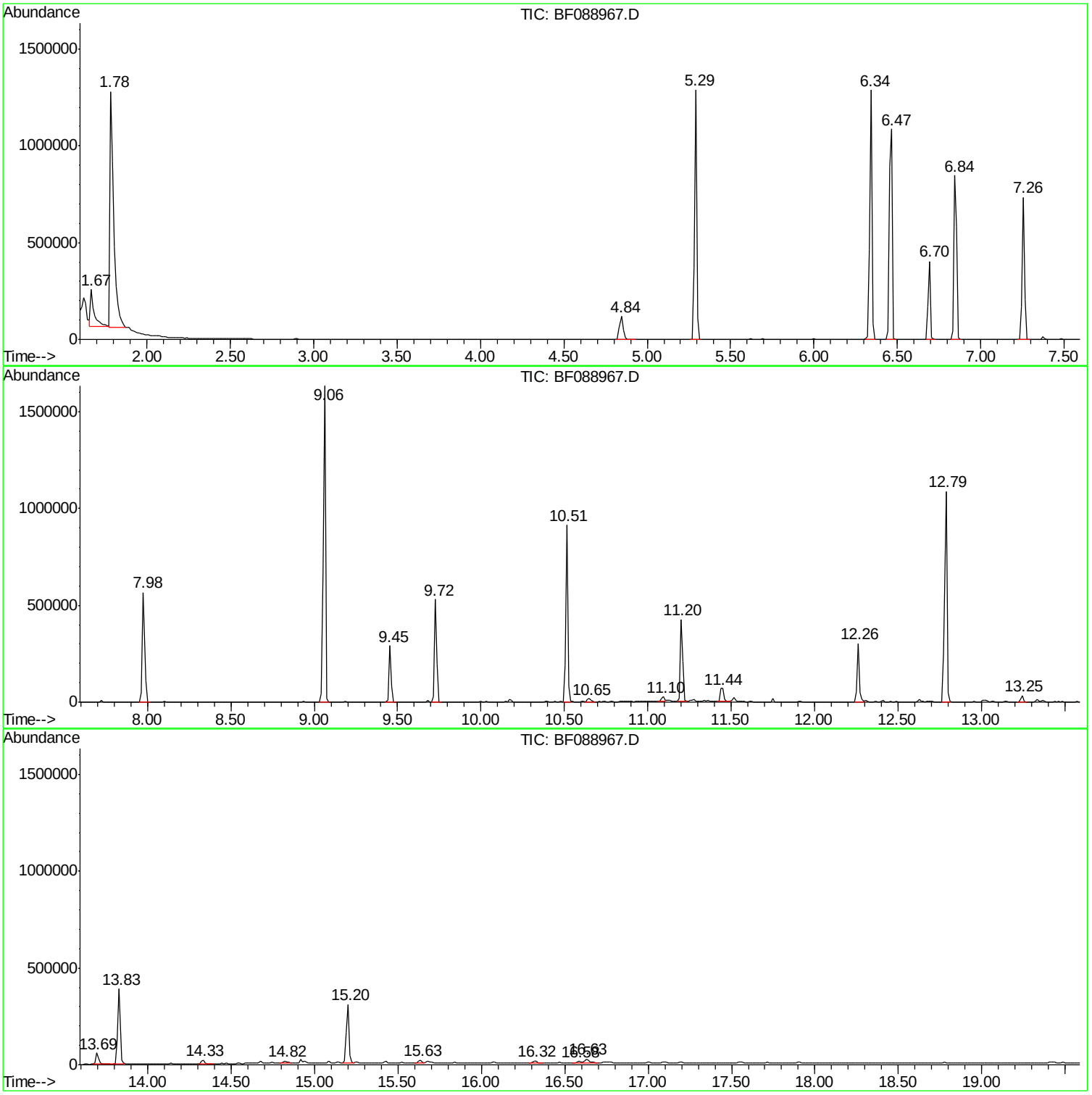
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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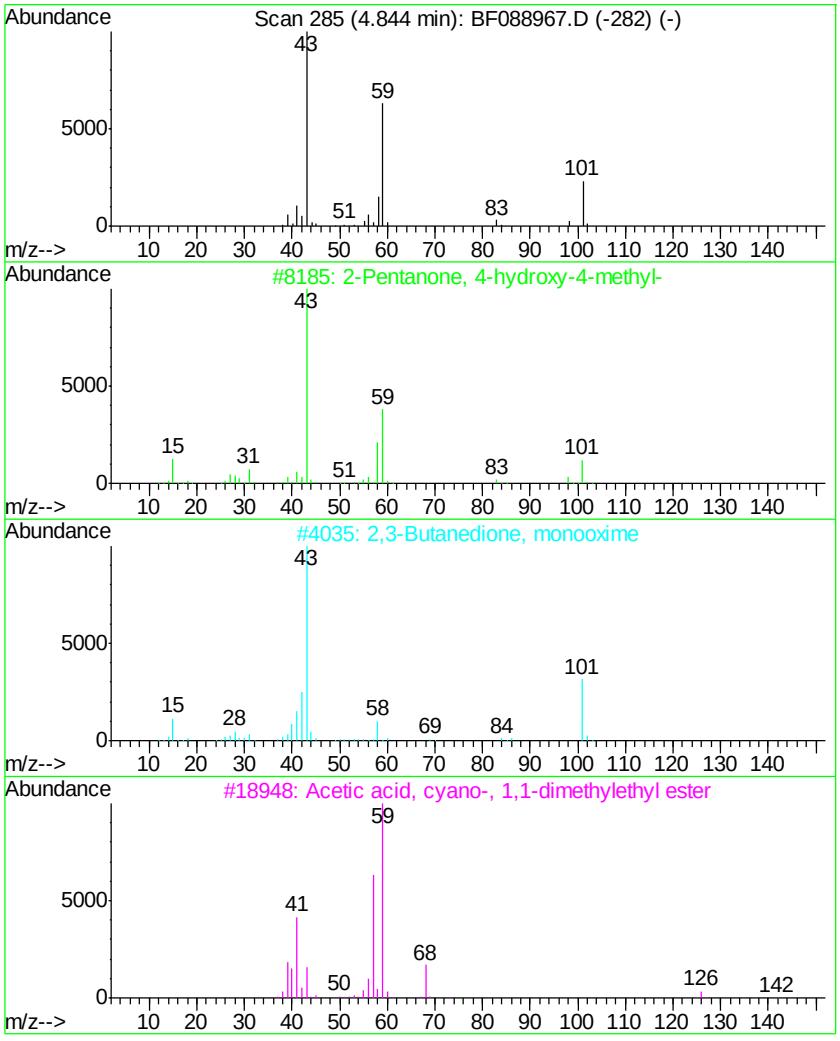
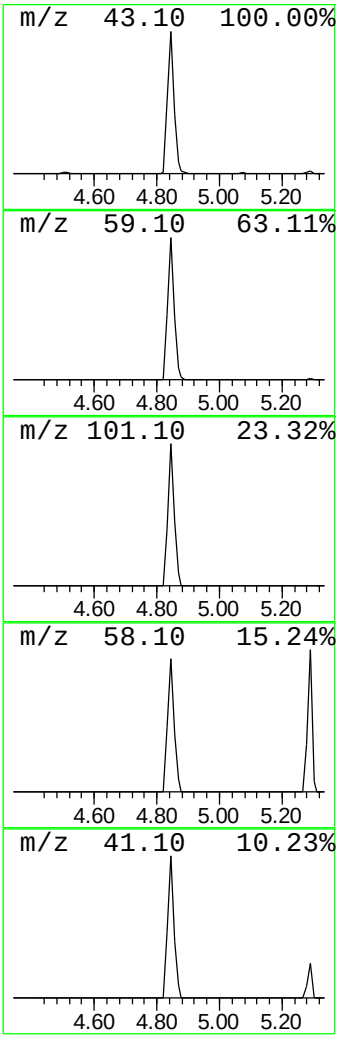
****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	8.11 ng	161844	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Sample : H3988-08
Misc :
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Instrument : BNA_F
ClientSampleId : C4.2-5

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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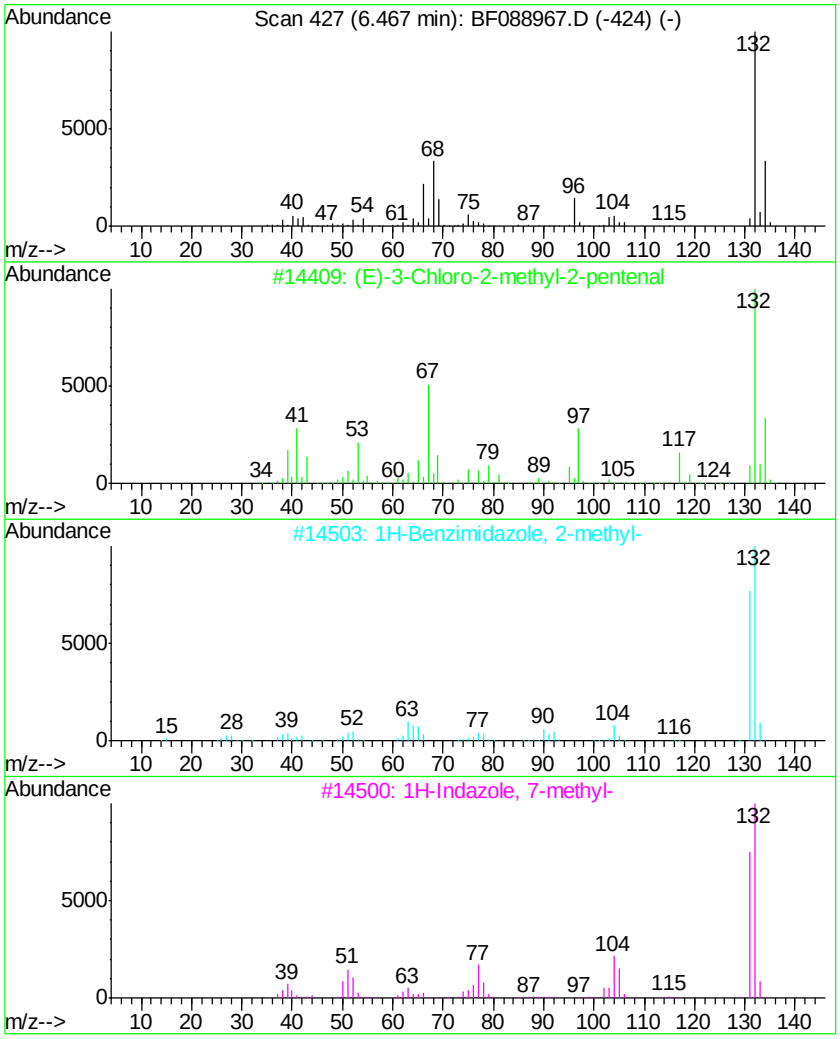
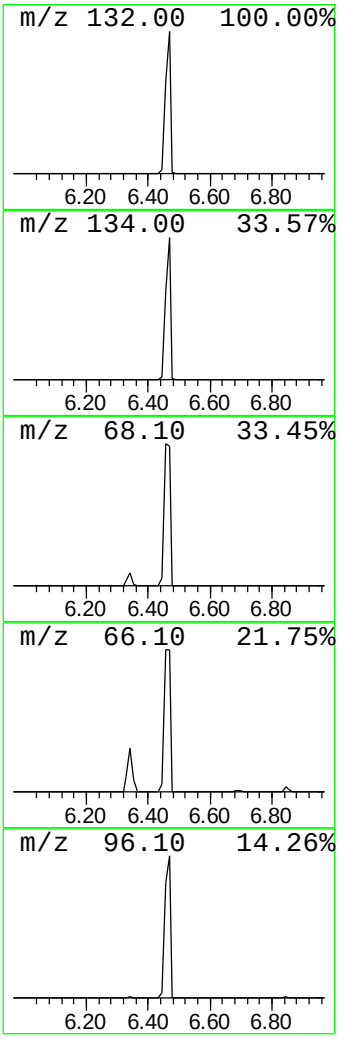
Peak Number 4 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	69.59 ng	1387980	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
4	Xenon	132	Xe	007440-63-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

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Sample : H3988-08
Misc :
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Instrument : BNA_F
ClientSampleId : C4.2-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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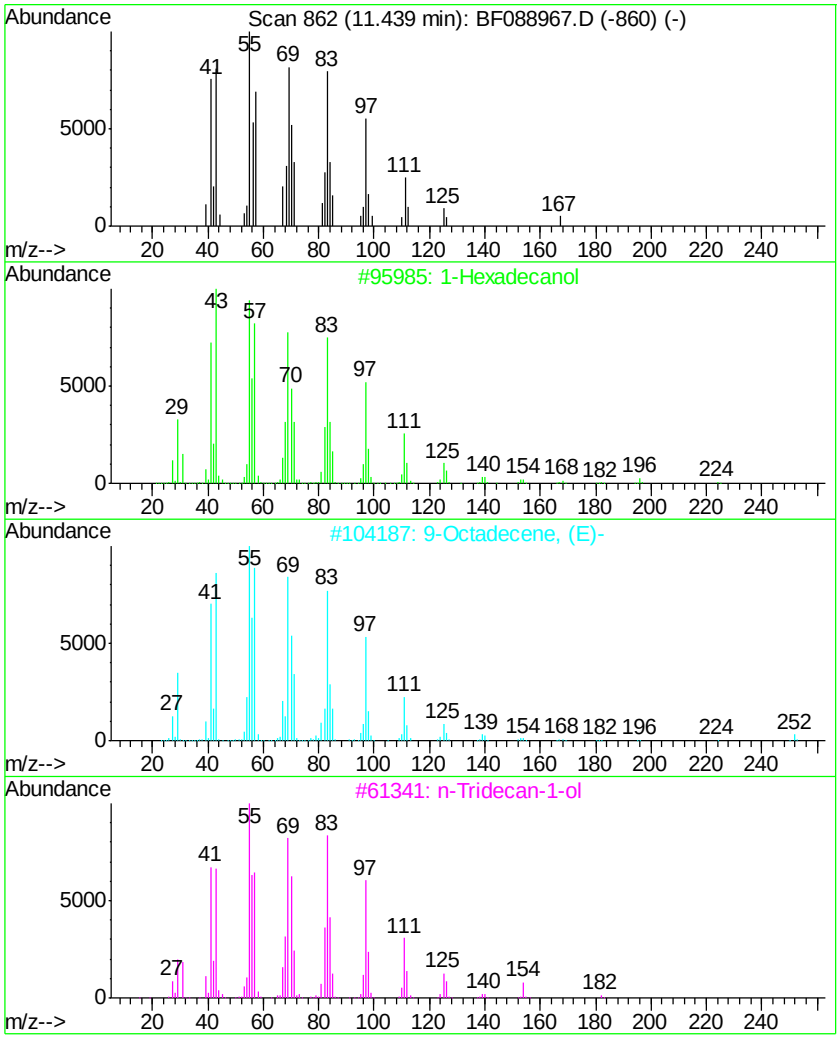
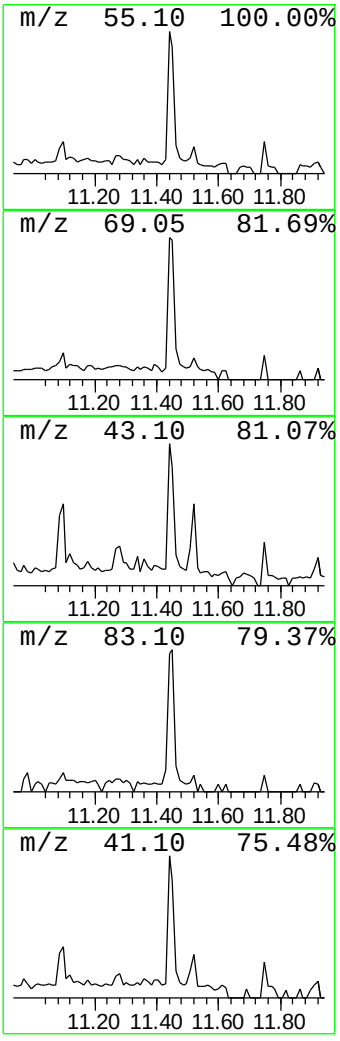
Peak Number 6 1-Hexadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	4.53 ng	99599	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	95
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
3	n-Tridecan-1-ol	200	C13H28O	000112-70-9	91
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





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ClientSampleId : C4.2-5

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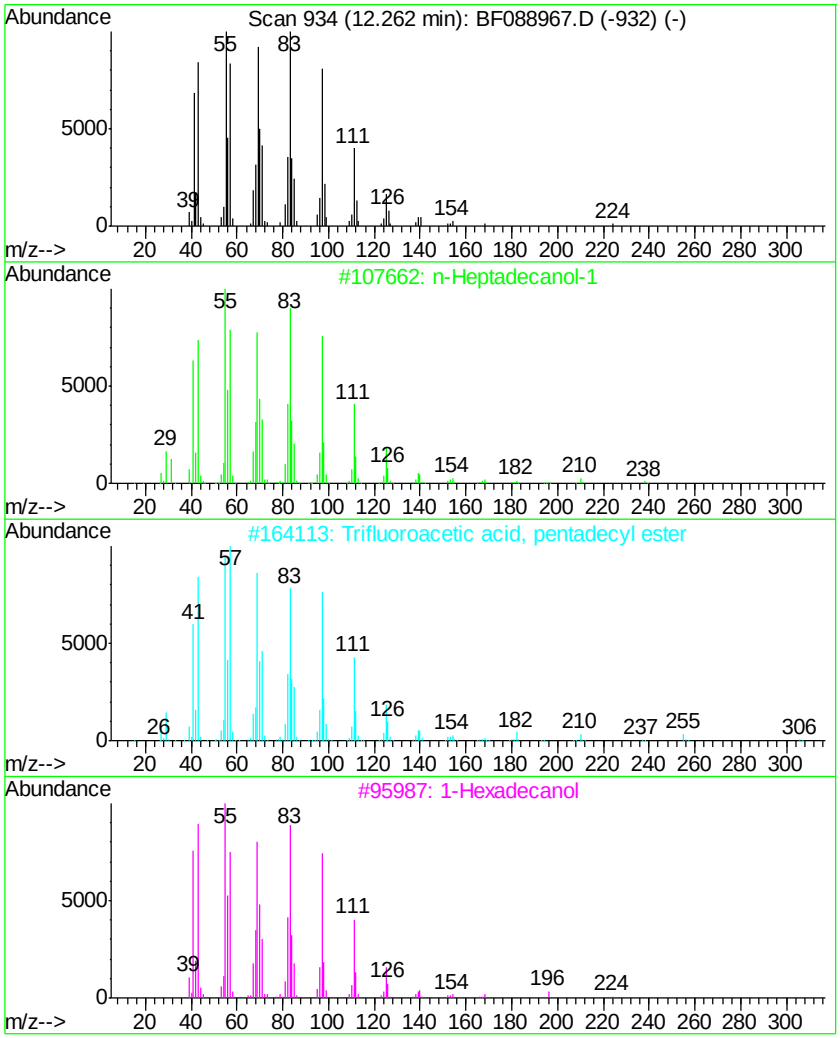
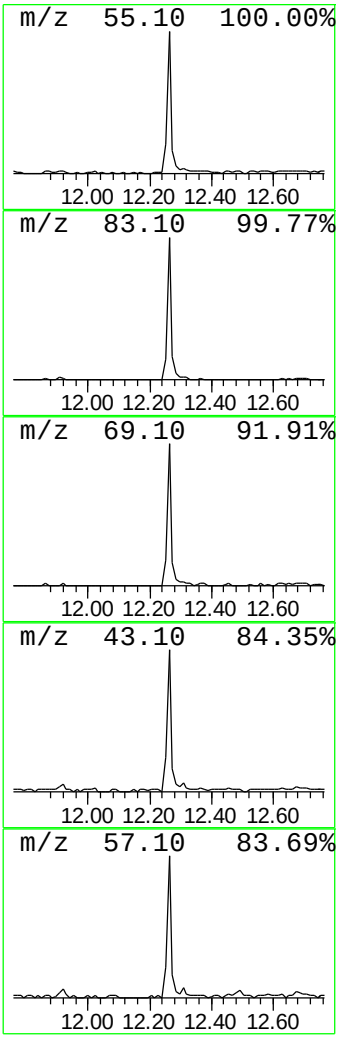
Peak Number 7 n-Heptadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	13.11 ng	288048	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
3	1-Hexadecanol	242	C16H34O	036653-82-4	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	93





Library Search Compound Report

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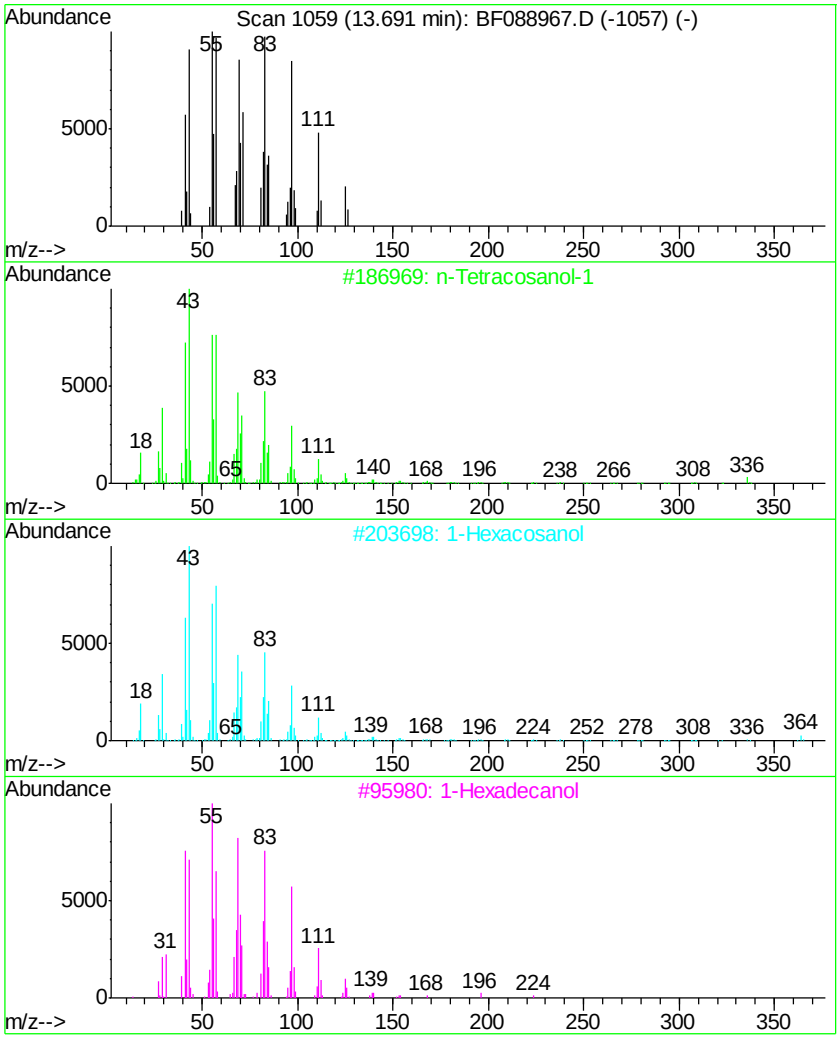
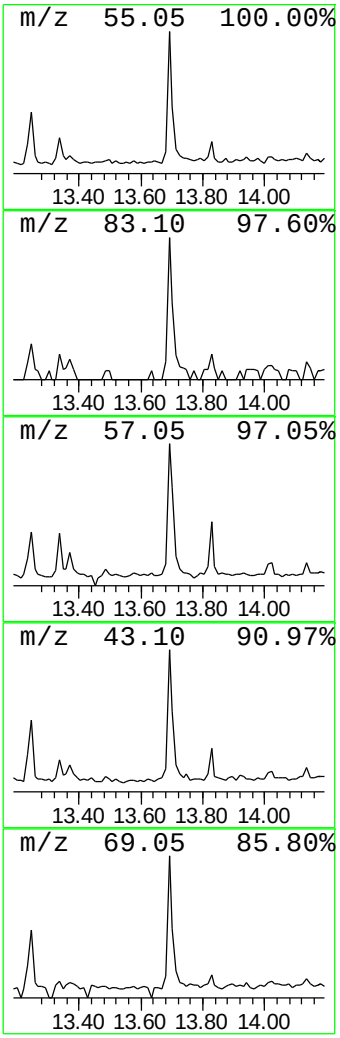
Peak Number 8 n-Tetracosanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	3.93 ng	73094	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
2	1-Hexacosanol	382	C26H54O	000506-52-5	87
3	1-Hexadecanol	242	C16H34O	036653-82-4	80
4	11-Tricosene	322	C23H46	052078-56-5	68
5	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	50





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Instrument : BNA_F
ClientSampleId : C4.2-5

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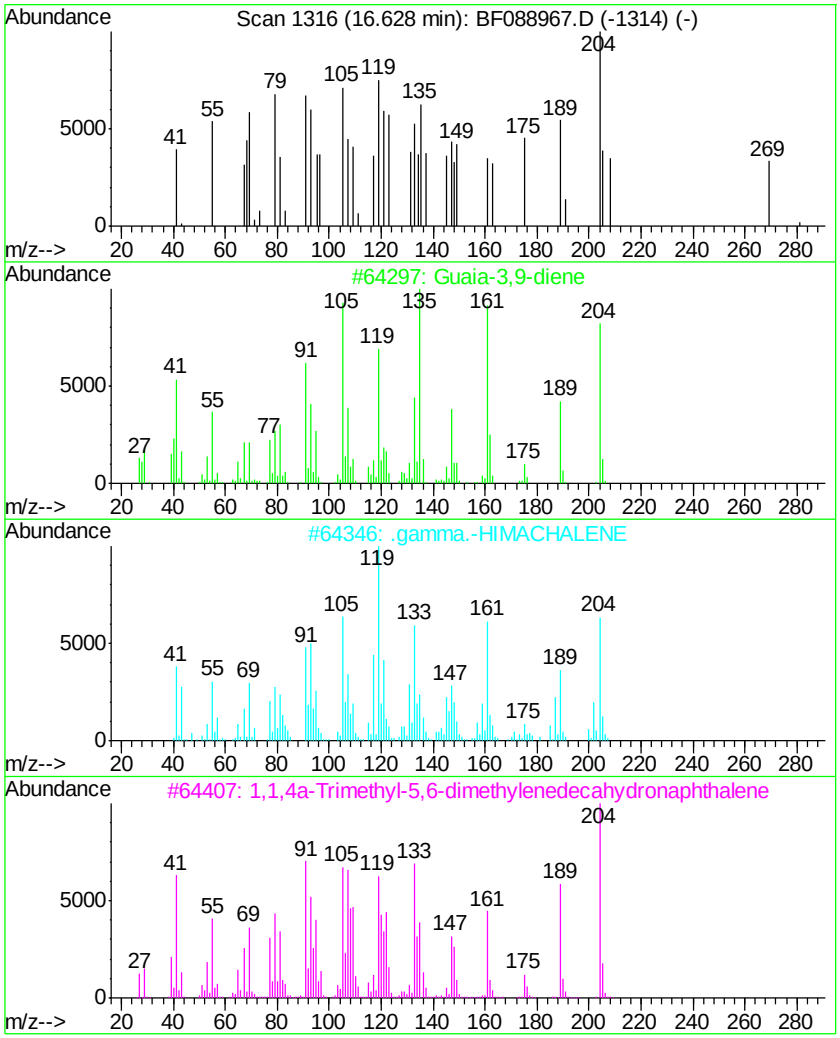
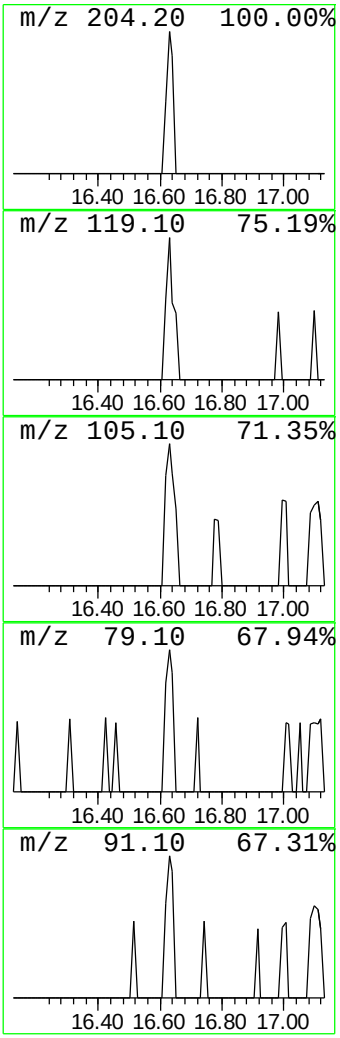
Peak Number 9 Guaia-3,9-diene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	2.23 ng	39327	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guaia-3,9-diene	204	C15H24	000489-83-8	64
2	.gamma.-HIMACHALENE	204	C15H24	1000140-08-0	55
3	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	50
4	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	49
5	cis-Thujopsene	204	C15H24	000470-40-6	49





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.84	8.1	ng	161844	1	6.70	398910	20.0
unknown6.47	6.47	69.6	ng	1387980	1	6.70	398910	20.0
1-Hexadecanol	11.44	4.5	ng	99599	4	11.20	439528	20.0
n-Heptadecanol-1	12.26	13.1	ng	288048	4	11.20	439528	20.0
n-Tetracosanol-1	13.69	3.9	ng	73094	5	13.83	371808	20.0
Guaia-3,9-diene	16.63	2.2	ng	39327	6	15.20	353366	20.0