LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
Data File : BF088750.D
Acq On : 6 Jul 2016 22:57
Operator : UM/SJ
Sample : H3878-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C1.2-01

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	1.701	8	10	18	rVB	200294	314284	9.44%	1.400%
2	1.827	18	21	70	rVB	1554232	3327982	100.00%	14.827%
3	4.913	288	291	295	rBB	80112	112821	3.39%	0.503%
4	5.336	325	328	331	rBV	1460049	1514141	45.50%	6.746%
5	6.387	416	420	422	rBV	1526989	1940312	58.30%	8.644%
6	6.513	428	431	433	rBV	1879063	1747853	52.52%	7.787%
7	6.742	449	451	453	rBV	461659	502014	15.08%	2.237%
8	6.902	463	465	467	rBB	1550382	1350149	40.57%	6.015%
9	7.313	498	501	503	rBV	1210340	1262604	37.94%	5.625%
10	8.033	561	564	566	rBV	802105	757148	22.75%	3.373%
11	8.650	616	618	620	rVB	210635	180208	5.41%	0.803%
12	9.108	655	658	661	rVB	2208983	2097056	63.01%	9.343%
13	9.496	690	692	695	rVB	209139	246324	7.40%	1.097%
14	9.782	714	717	719	rBV	888559	856185	25.73%	3.814%
15	10.228	754	756	757	rVB	35632	35426	1.06%	0.158%
16	10.559	783	785	788	rBV	1062776	1100017	33.05%	4.901%
17	10.696	795	797	802	rBV	57560	83131	2.50%	0.370%
18	11.142	834	836	837	rBV	78172	64856	1.95%	0.289%
19	11.256	843	846	848	rBV	997120	885716	26.61%	3.946%
20	11.565	871	873	879	rVB	47639	45849	1.38%	0.204%
21	12.845	982	985	987	rBV	1748202	2298883	69.08%	10.242%
22	13.748	1061	1064	1073	rVB	145728	243400	7.31%	1.084%
23	13.874	1073	1075	1078	rBV	811532	756163	22.72%	3.369%
24	14.388	1116	1120	1125	rBV2	17067	51463	1.55%	0.229%
25	14.491	1125	1129	1137	rVB3	21216	64549	1.94%	0.288%
26	15.257	1193	1196	1199	rBV	425487	509406	15.31%	2.269%
27	16.731	1322	1325	1328	rVB	38011	63087	1.90%	0.281%
28	18.937	1513	1518	1523	rVB4	12663	35050	1.05%	0.156%

Sum of corrected areas: 22446077

LSC Report - Integrated Chromatogram

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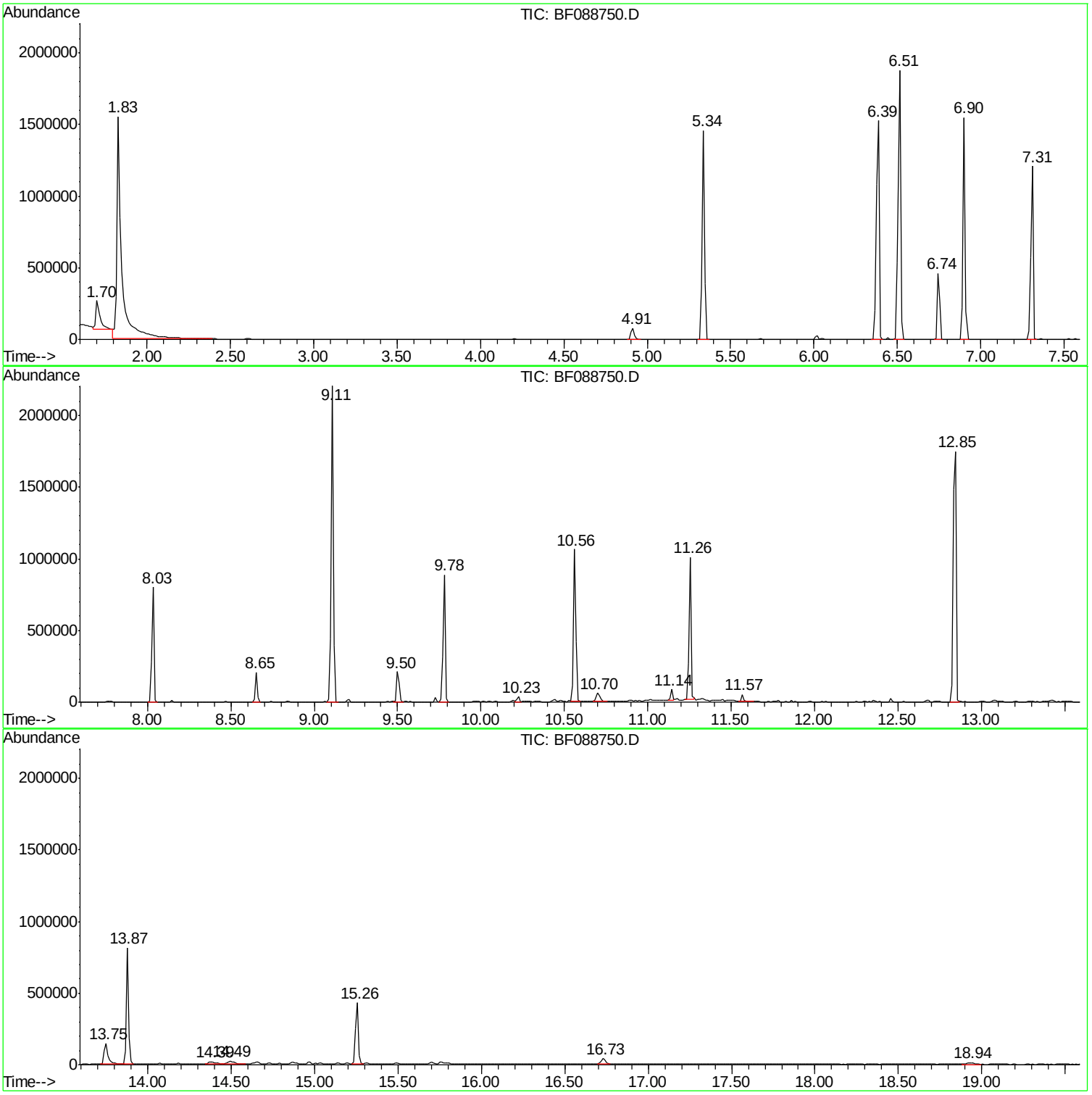
ClientSampleId : C1.2-01

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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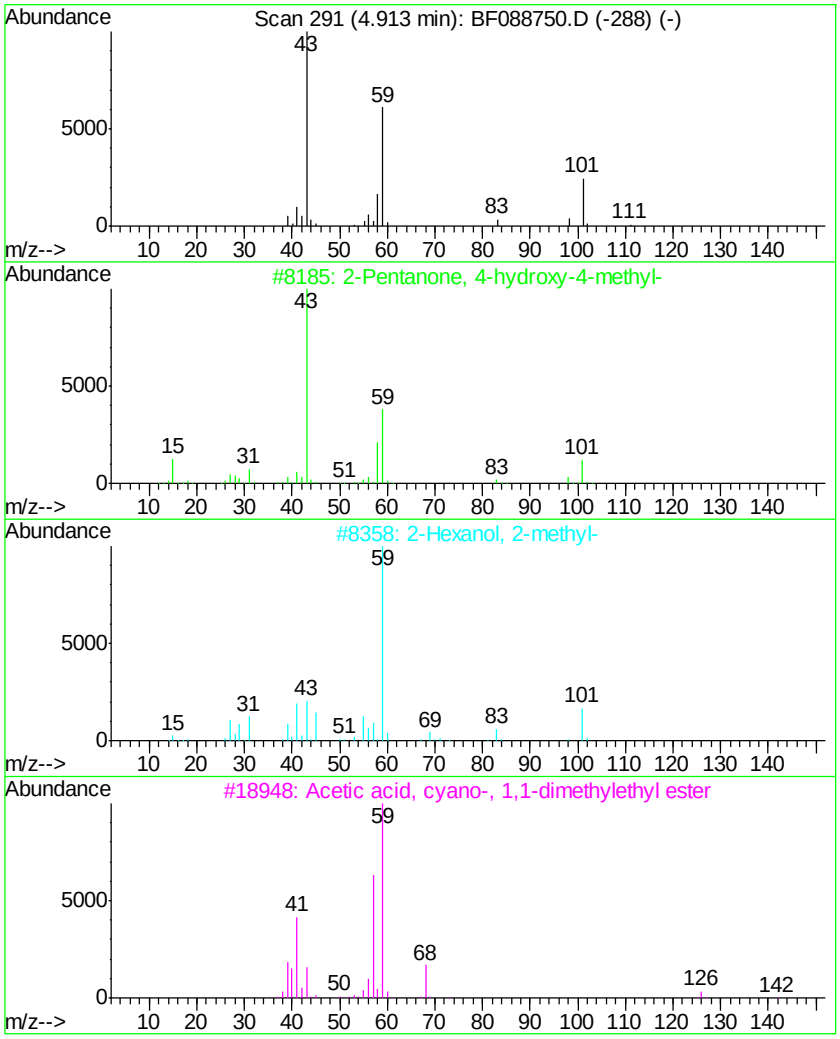
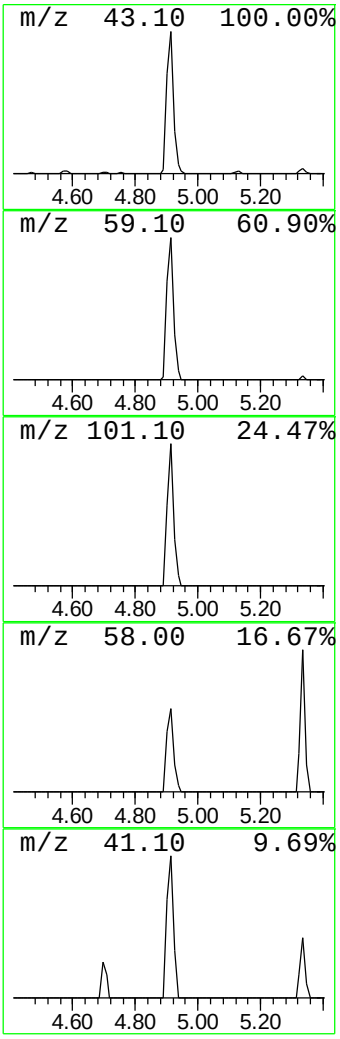
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	4.49 ng	112821	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Instrument : BNA_F
ClientSampleId : C1.2-01

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TIC Library : C:\Database\NIST11.L
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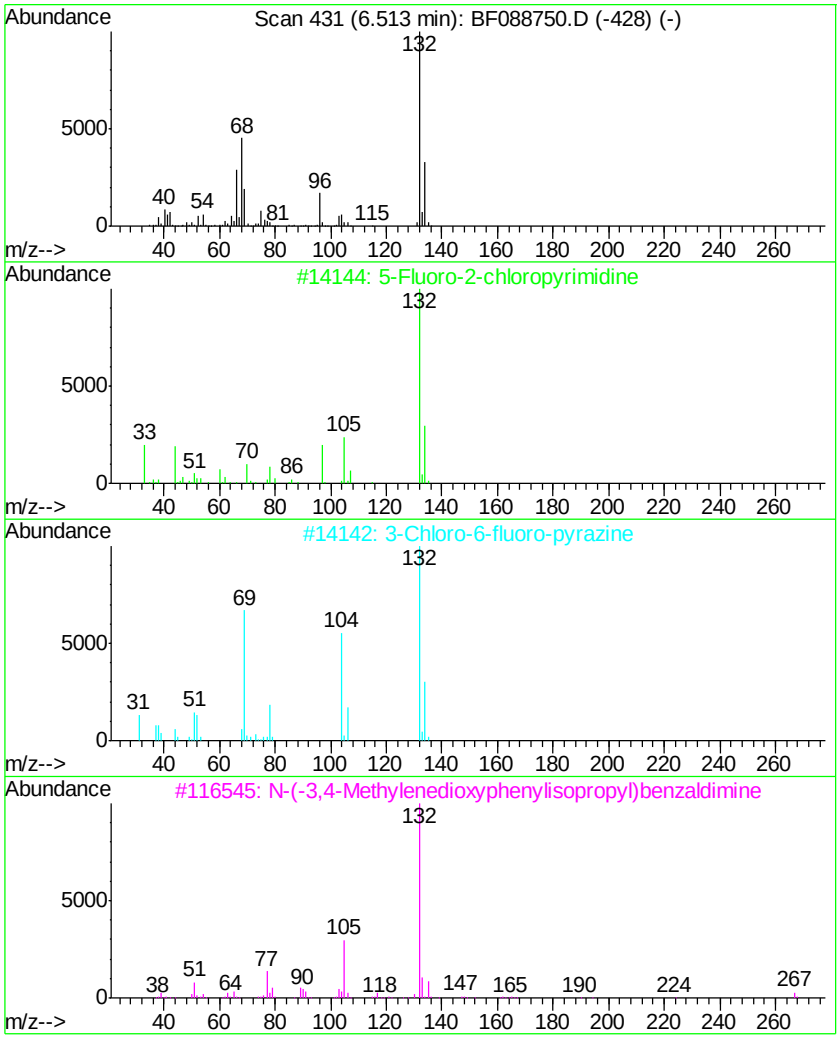
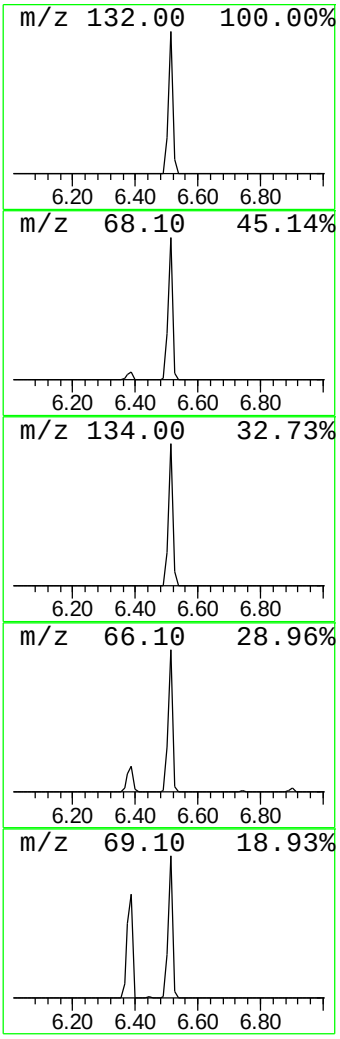
Peak Number 4 unknown6.51 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	69.63 ng	1747850	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Instrument : BNA_F
ClientSampleId : C1.2-01

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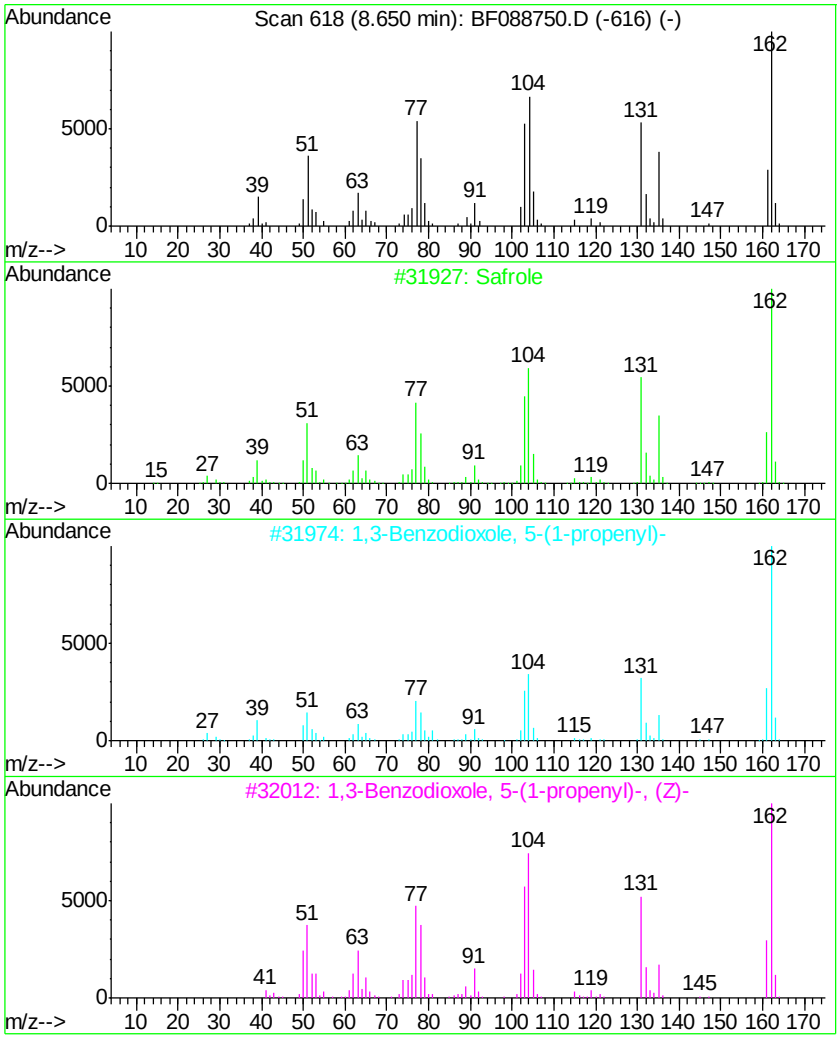
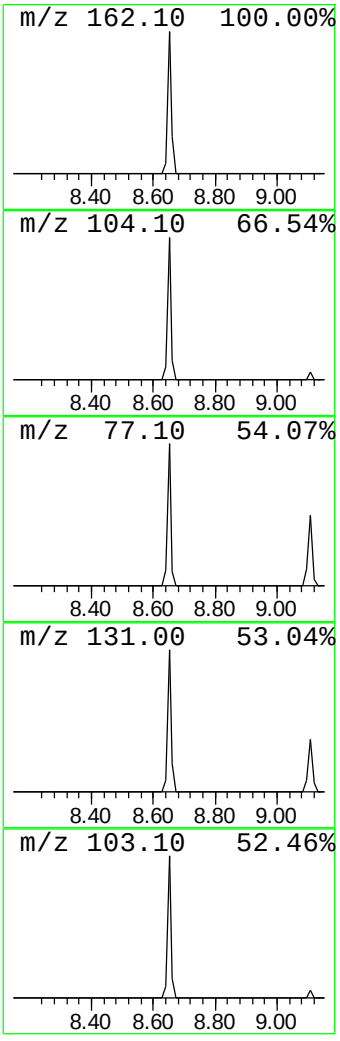
Peak Number 6 Safrole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	4.76 ng	180208	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Safrole	162	C10H10O2	000094-59-7	99
2	1,3-Benzodioxole, 5-(1-propenyl)-	162	C10H10O2	000120-58-1	98
3	1,3-Benzodioxole, 5-(1-propenyl)...	162	C10H10O2	017627-76-8	97
4	Benzene, 1,2-(methylenedioxy)-4-...	162	C10H10O2	004043-71-4	96
5	Sydnone, 3-phenyl-	162	C8H6N2O2	000120-06-9	55





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ClientSampleId : C1.2-01

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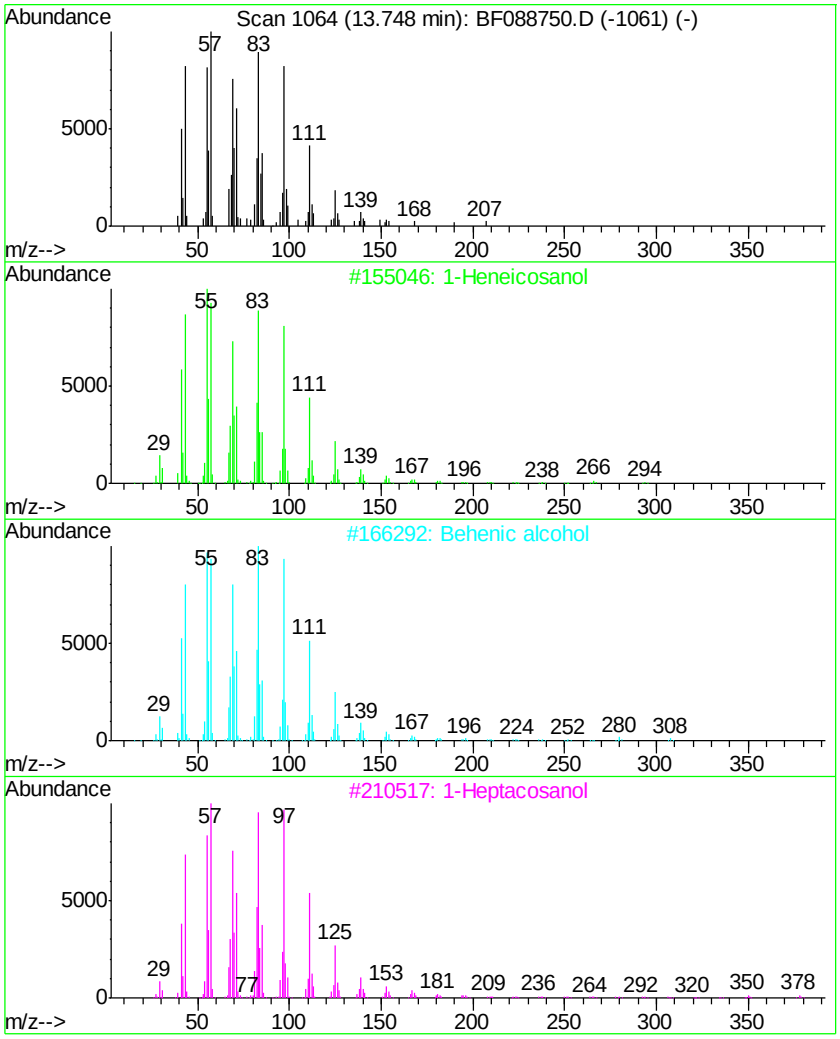
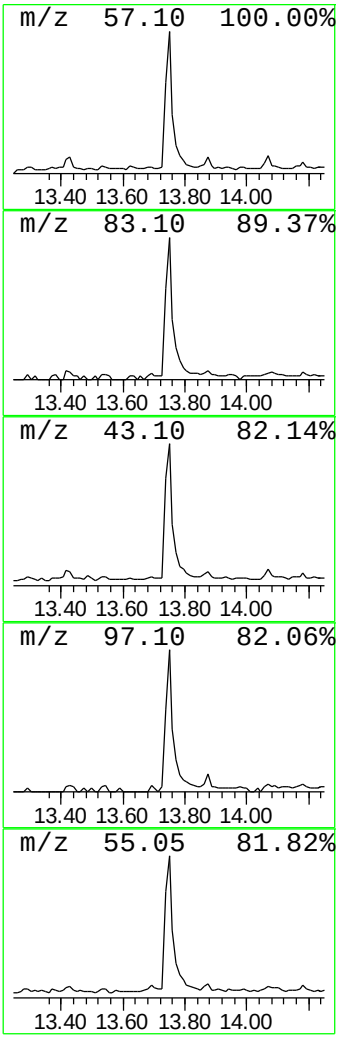
Peak Number 7 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	6.44 ng	243400	Chrysene-d12	13.87

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	95
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91





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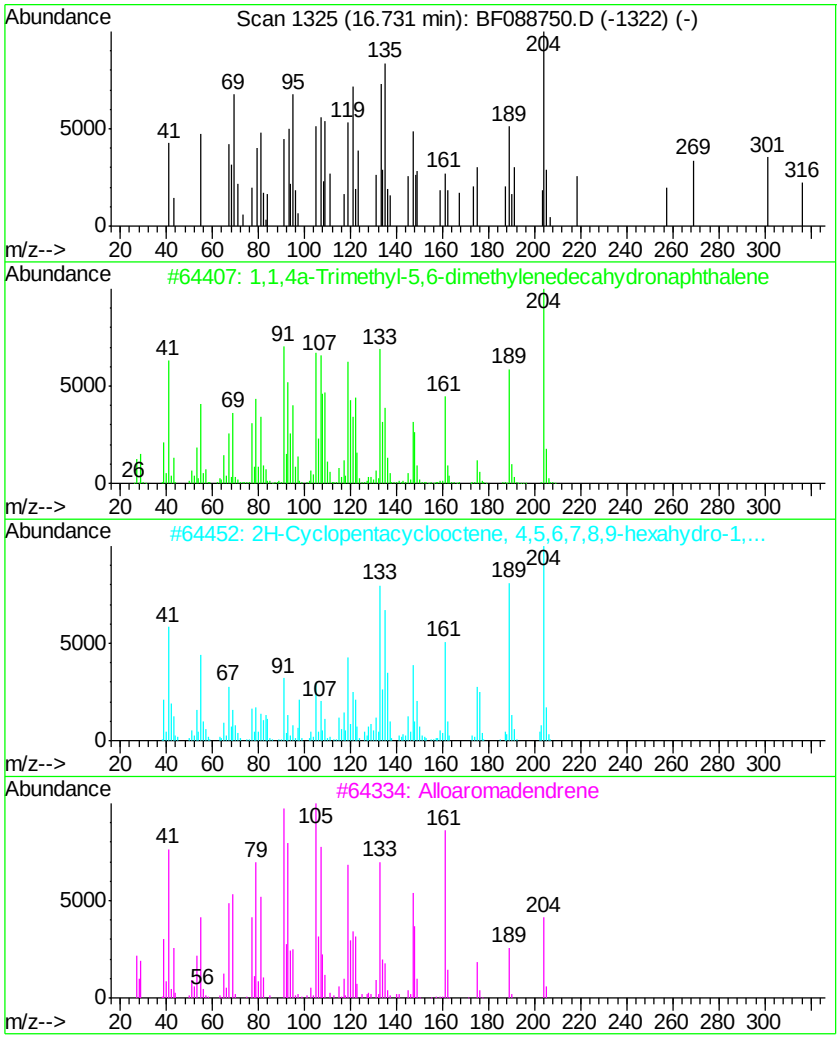
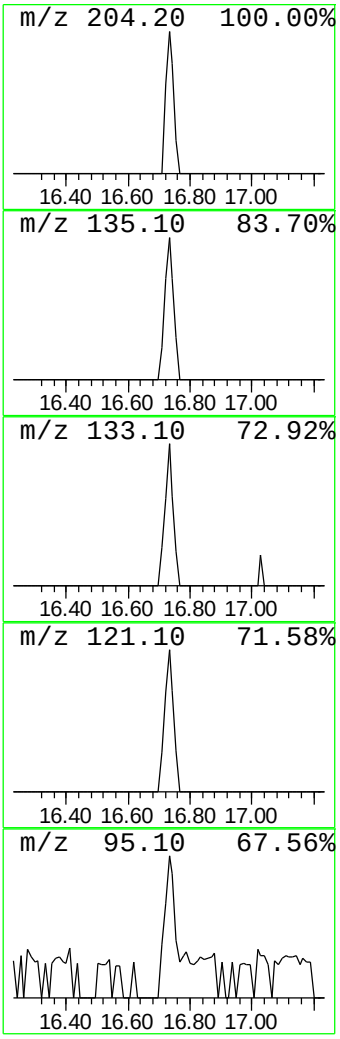
Peak Number 8 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	2.48 ng	63087	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	60
2	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	53
3	Alloaromadendrene	204	C15H24	025246-27-9	49
4	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	49
5	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000192-43-5	43





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...	4.91	4.5	ng	112821	1	6.74	502014	20.0
unknown6.51	6.51	69.6	ng	1747850	1	6.74	502014	20.0
Safrole	8.65	4.8	ng	180208	2	8.03	757148	20.0
1-Heneicosanol	13.75	6.4	ng	243400	5	13.87	756163	20.0
1,1,4a-Trimethyl-...	16.73	2.5	ng	63087	6	15.26	509406	20.0