LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
Data File : BF088749.D
Acq On : 6 Jul 2016 22:28
Operator : UM/SJ
Sample : H3878-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C1.2-02

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	194630	317579	10.43%	1.371%
2	1.827	18	21	69	rVB	1398972	3045432	100.00%	13.152%
3	4.913	288	291	295	rBB	74041	101399	3.33%	0.438%
4	5.336	326	328	331	rVB	1348181	1721512	56.53%	7.435%
5	6.387	417	420	422	rBV	1797042	2084724	68.45%	9.003%
6	6.513	428	431	433	rBV	1929939	1826715	59.98%	7.889%
7	6.742	449	451	453	rBB	436365	509704	16.74%	2.201%
8	6.902	463	465	467	rBB	1593648	1398547	45.92%	6.040%
9	7.313	498	501	503	rBV	1306097	1344813	44.16%	5.808%
10	8.033	561	564	566	rBV	840201	790019	25.94%	3.412%
11	8.650	616	618	620	rVB	224084	194866	6.40%	0.842%
12	9.108	655	658	661	rVB	2437602	2244679	73.71%	9.694%
13	9.496	690	692	695	rVB	176267	237960	7.81%	1.028%
14	9.782	714	717	719	rBV	931169	891936	29.29%	3.852%
15	10.228	754	756	757	rVB	40790	39550	1.30%	0.171%
16	10.559	783	785	788	rBV2	1069173	1188719	39.03%	5.134%
17	10.696	795	797	801	rBV	65432	91771	3.01%	0.396%
18	11.142	834	836	837	rBV	88330	74065	2.43%	0.320%
19	11.256	843	846	848	rBV	1043197	912315	29.96%	3.940%
20	11.565	871	873	876	rVB	55286	46457	1.53%	0.201%
21	12.456	949	951	953	rVB	38376	32619	1.07%	0.141%
22	12.674	967	970	972	rBV2	26824	42526	1.40%	0.184%
23	12.845	982	985	987	rBV	1996886	2456091	80.65%	10.607%
24	13.748	1062	1064	1073	rVB	127504	184926	6.07%	0.799%
25	13.874	1073	1075	1078	rBV	805308	777653	25.54%	3.358%
26	14.388	1116	1120	1125	rBV2	15173	45013	1.48%	0.194%
27	15.257	1193	1196	1199	rBV	460409	518935	17.04%	2.241%
28	16.731	1322	1325	1330	rVB3	17904	35130	1.15%	0.152%

Sum of corrected areas: 23155655

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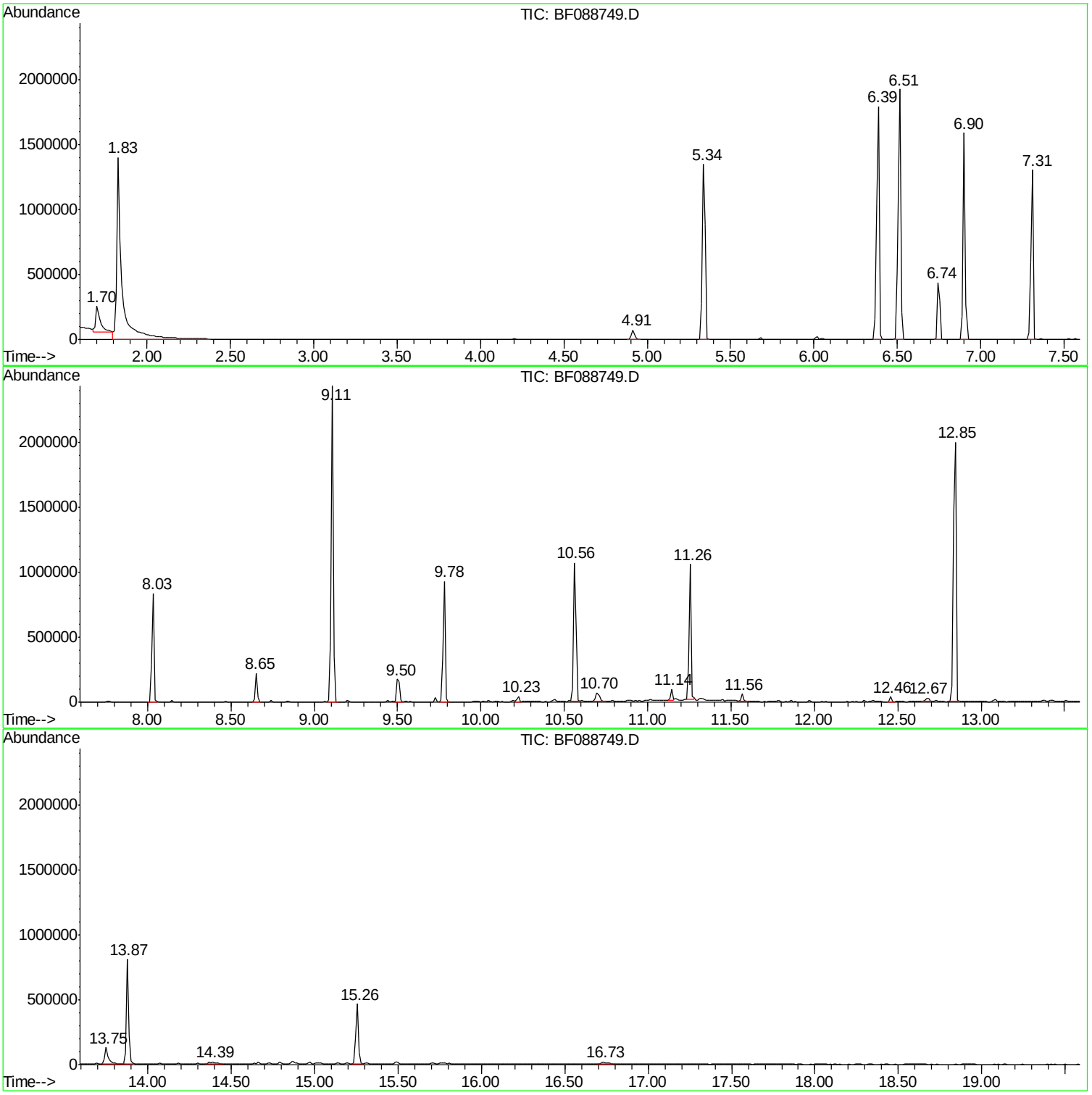
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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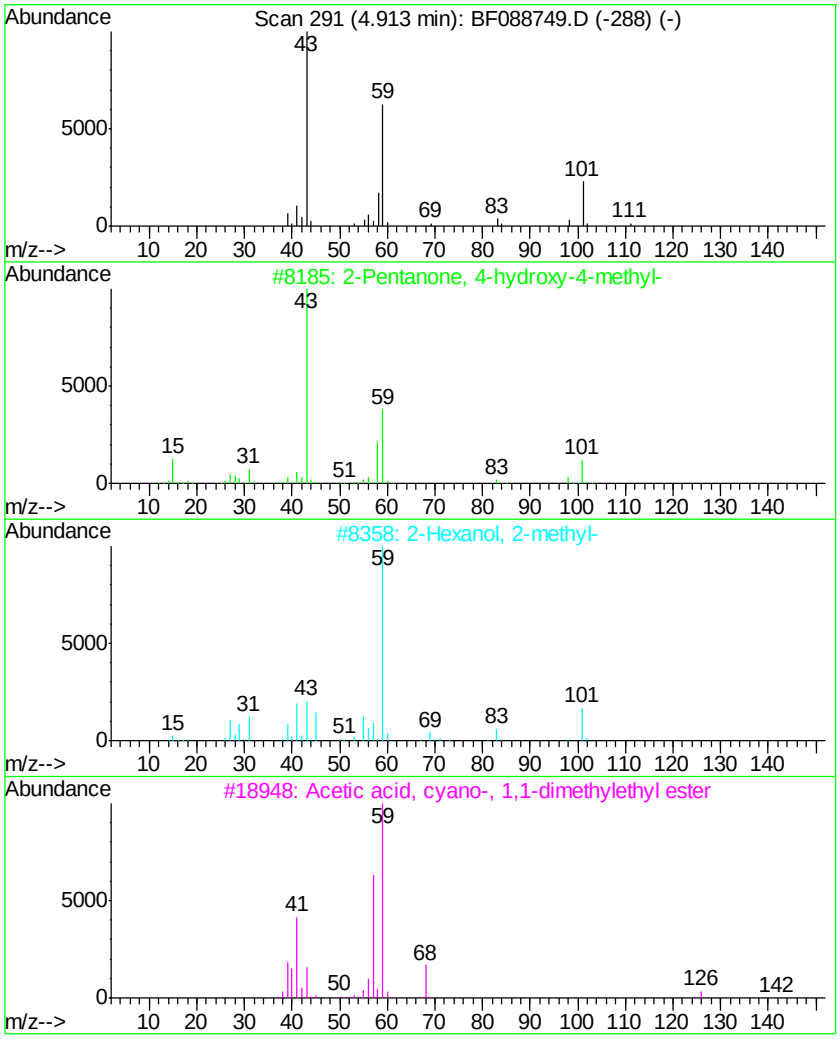
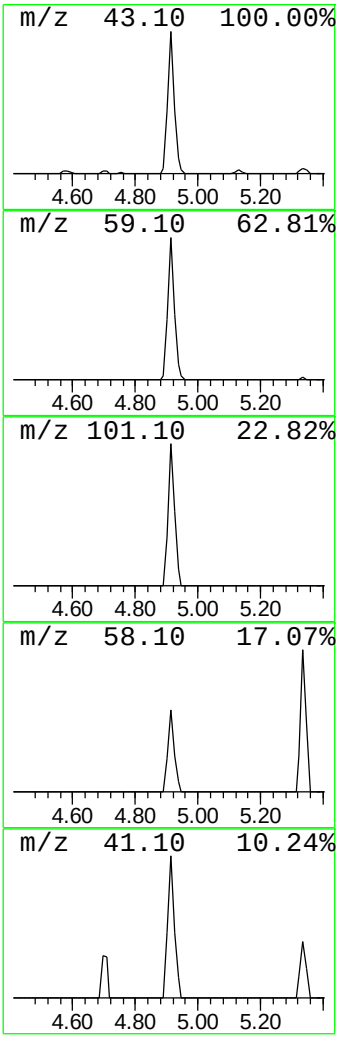
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	3.98 ng	101399	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	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





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ClientSampleId : C1.2-02

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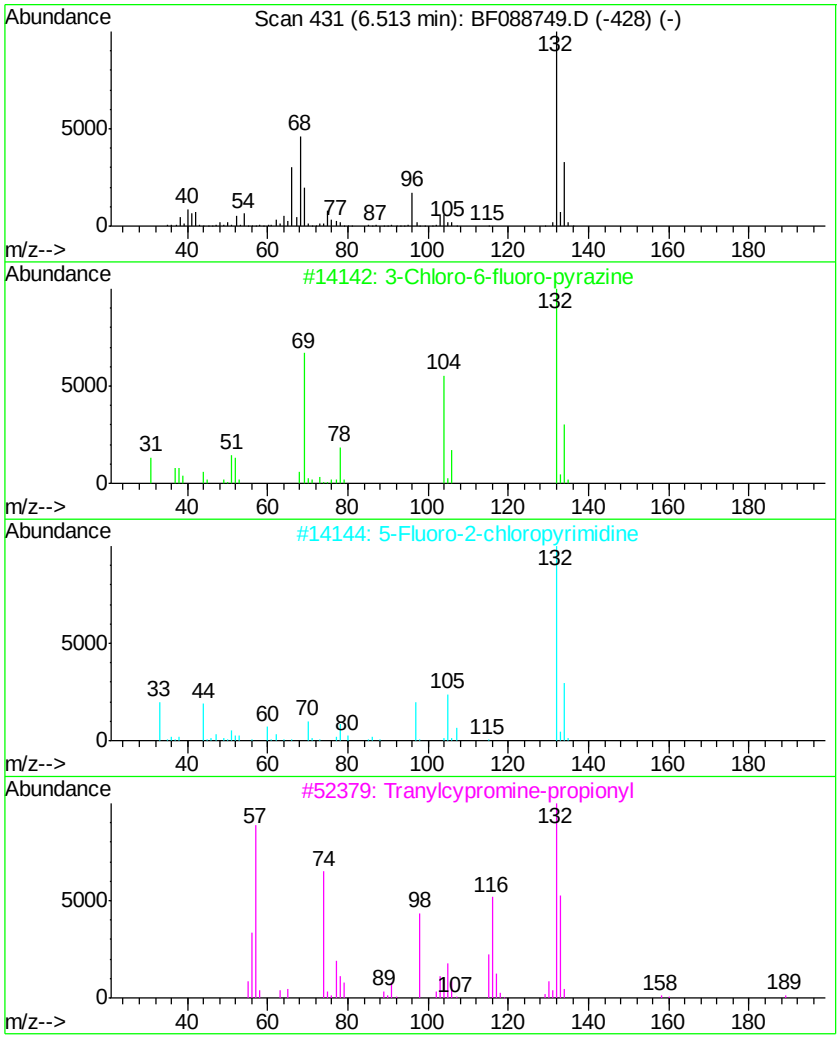
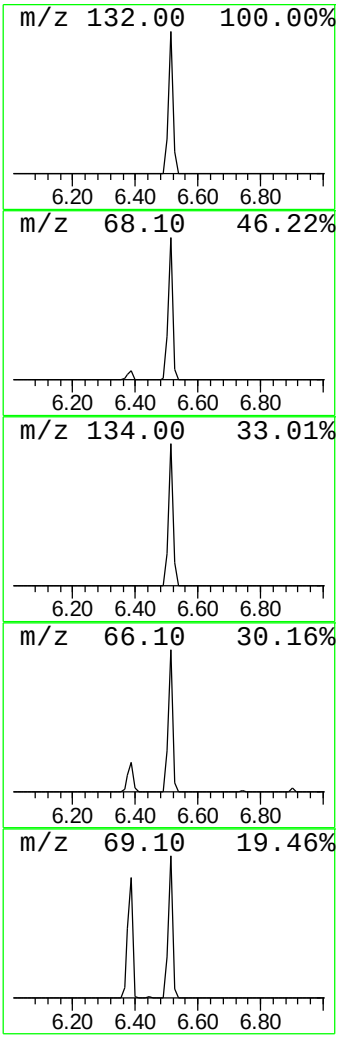
Peak Number 4 unknown6.51 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	71.68 ng	1826720	1,4-Dichlorobenzene-d4	6.74

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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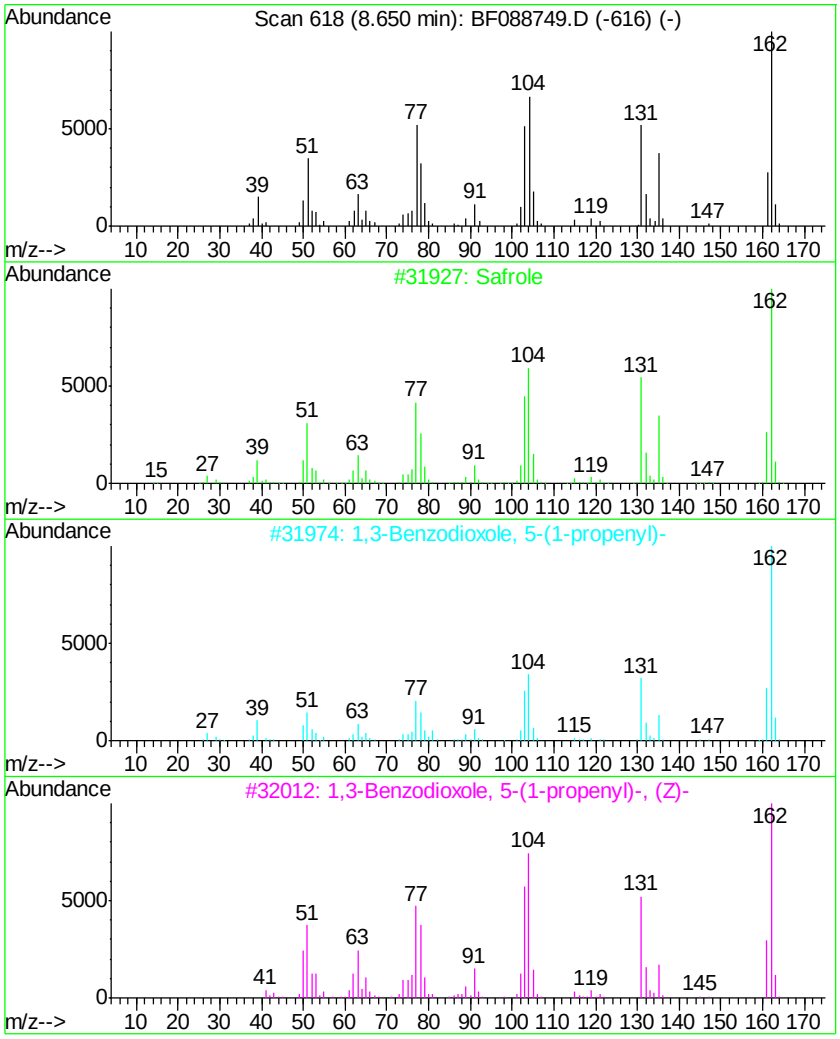
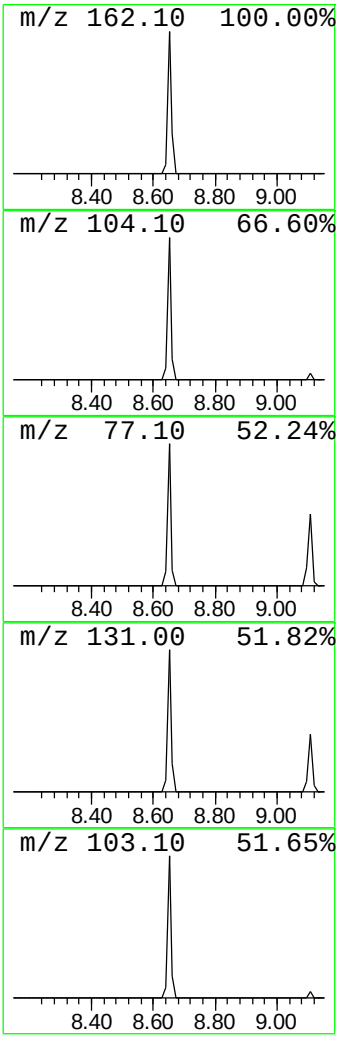
Peak Number 6 Safrole Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	4.93 ng	194866	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Safrole	162	C10H10O2	000094-59-7	98
2	1,3-Benzodioxole, 5-(1-propenyl)-	162	C10H10O2	000120-58-1	97
3	1,3-Benzodioxole, 5-(1-propenyl)...	162	C10H10O2	017627-76-8	97
4	Benzene, 1,2-(methylenedioxy)-4-...	162	C10H10O2	004043-71-4	95
5	Sydnone, 3-phenyl-	162	C8H6N2O2	000120-06-9	55





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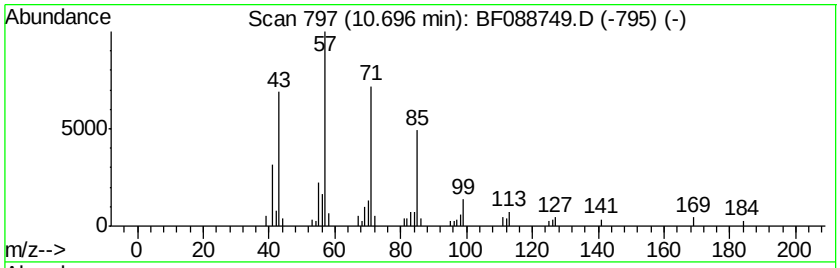
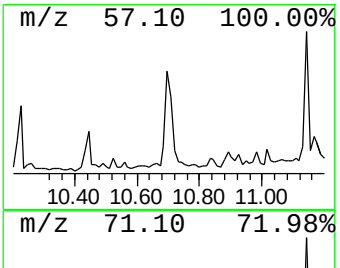
Peak Number 7 Dodecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	2.01 ng	91771	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Heptadecane	240	C17H36	000629-78-7	90





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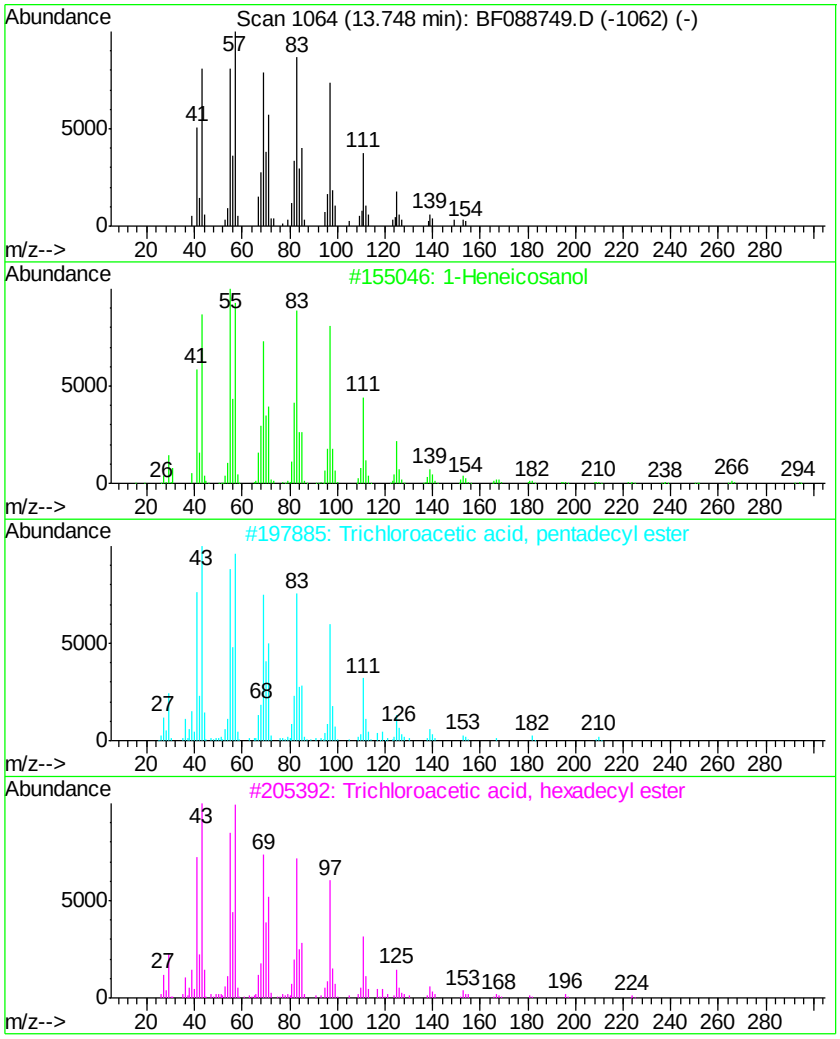
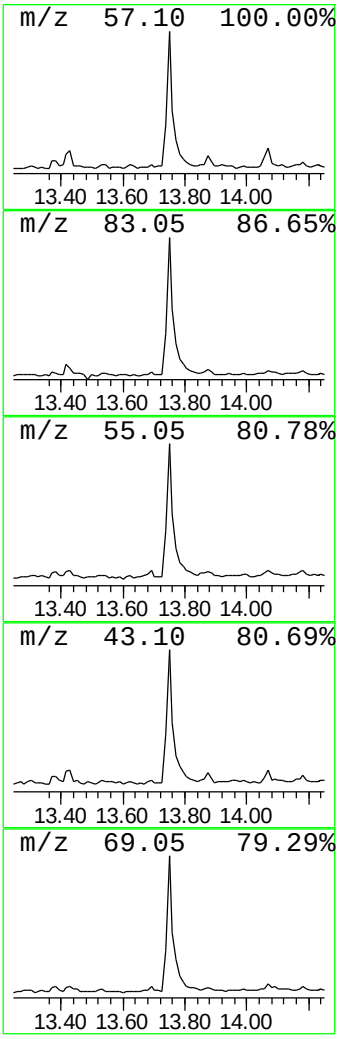
Peak Number 8 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	4.76 ng	184926	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	Behenic alcohol	326	C22H46O	000661-19-8	90





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	4.0	ng	101399	1	6.74	509704	20.0
unknown6.51	6.51	71.7	ng	1826720	1	6.74	509704	20.0
Safrole	8.65	4.9	ng	194866	2	8.03	790019	20.0
Dodecane, 2-methyl-	10.70	2.0	ng	91771	4	11.26	912315	20.0
1-Heneicosanol	13.75	4.8	ng	184926	5	13.87	777653	20.0