LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092380.D
Acq On : 20 Jan 2017 18:45
Operator : UM/SJ
Sample : I1265-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6

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-BF122116.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	4.644	246	250	266	rBV	852367	1847700	33.77%	3.911%
2	5.113	289	291	307	rBV	3797727	4457591	81.48%	9.435%
3	6.199	383	386	392	rVB	4064531	4924440	90.01%	10.423%
4	6.302	392	395	397	rBV	4437674	5116643	93.53%	10.830%
5	6.519	412	414	417	rBV	1236255	1213038	22.17%	2.568%
6	6.679	425	428	430	rBV	4484261	4359268	79.68%	9.227%
7	7.102	462	465	467	rBV	3606371	3864696	70.64%	8.180%
8	7.216	472	475	477	rVV	48339	68396	1.25%	0.145%
9	7.810	524	527	529	rBV	1828058	1614467	29.51%	3.417%
10	8.896	619	622	624	rBV	5403315	5470756	100.00%	11.580%
11	9.296	654	657	659	rBV	936909	852338	15.58%	1.804%
12	9.559	677	680	682	rBV	1750802	1561641	28.55%	3.305%
13	10.005	718	719	721	rVB	56819	64816	1.18%	0.137%
14	10.348	747	749	752	rBV	2916115	2978969	54.45%	6.305%
15	10.485	759	761	765	rVB	82818	135591	2.48%	0.287%
16	10.931	797	800	801	rBV	80592	104125	1.90%	0.220%
17	11.033	806	809	813	rBV	1461005	1378834	25.20%	2.918%
18	11.354	835	837	839	rBV	101098	129556	2.37%	0.274%
19	11.594	856	858	861	rBV2	279686	399268	7.30%	0.845%
20	12.245	913	915	917	rVB	73478	69846	1.28%	0.148%
21	12.371	925	926	930	rBV2	63772	82473	1.51%	0.175%
22	12.462	932	934	937	rBV	45502	73110	1.34%	0.155%
23	12.622	945	948	950	rBV	3900211	3779130	69.08%	7.999%
24	13.319	1007	1009	1011	rVB	56056	78875	1.44%	0.167%
25	13.548	1027	1029	1036	rBV	248762	549714	10.05%	1.164%
26	13.662	1036	1039	1042	rBV	1132700	1125380	20.57%	2.382%
27	13.971	1064	1066	1068	rBV	71833	82241	1.50%	0.174%
28	14.737	1131	1133	1136	rBV	82336	105853	1.93%	0.224%
29	15.011	1155	1157	1160	rBV	595476	756210	13.82%	1.601%

Sum of corrected areas: 47244965

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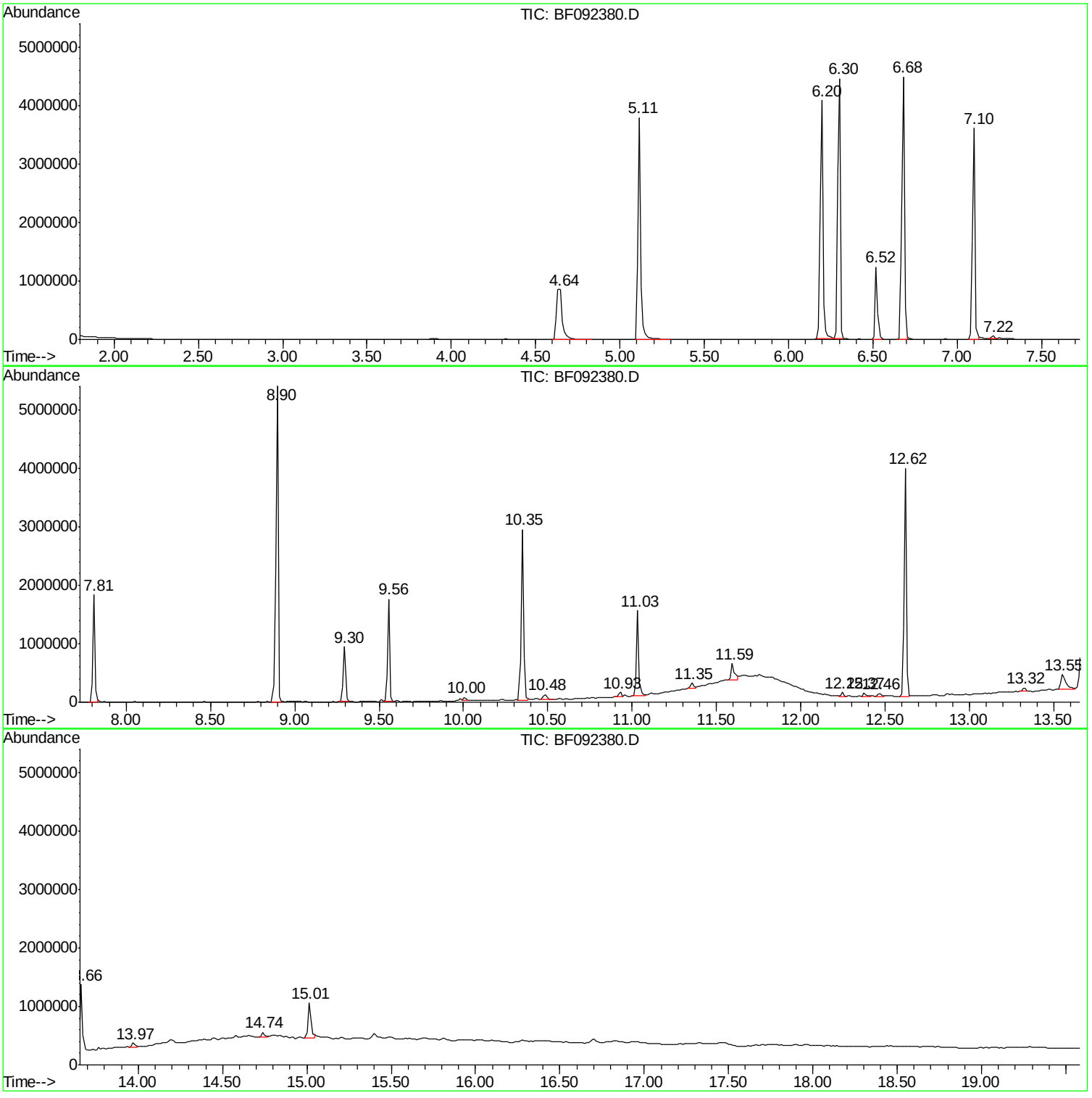
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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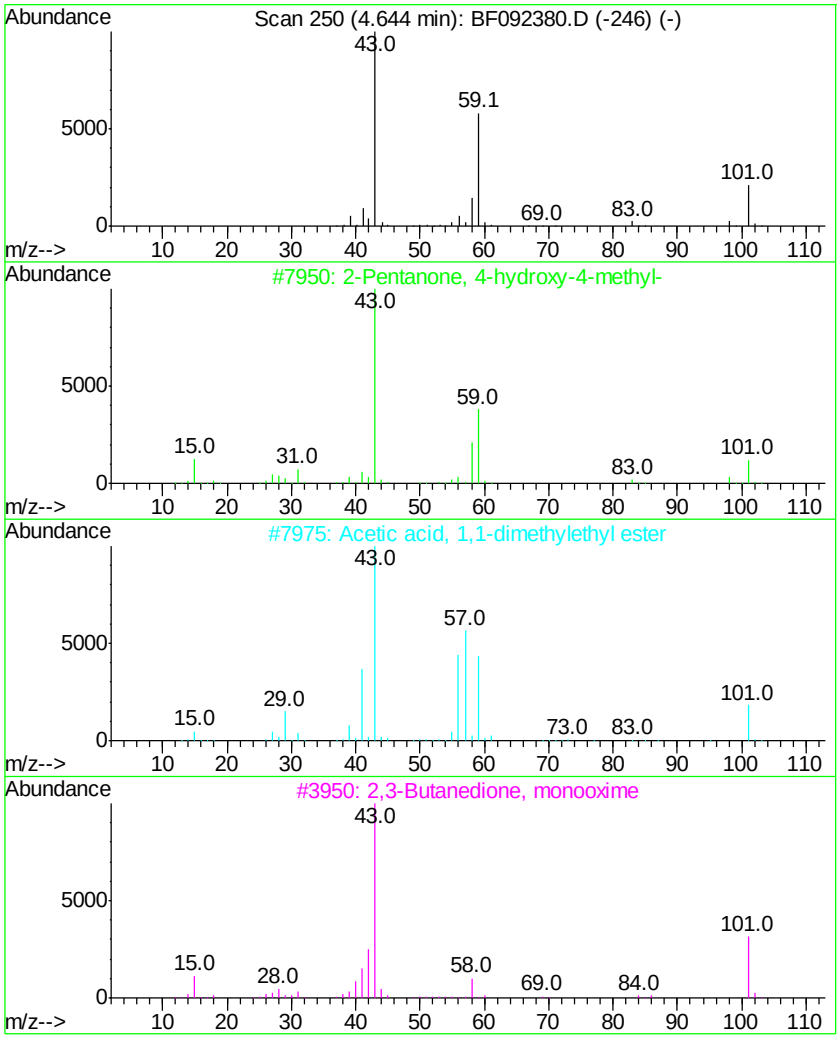
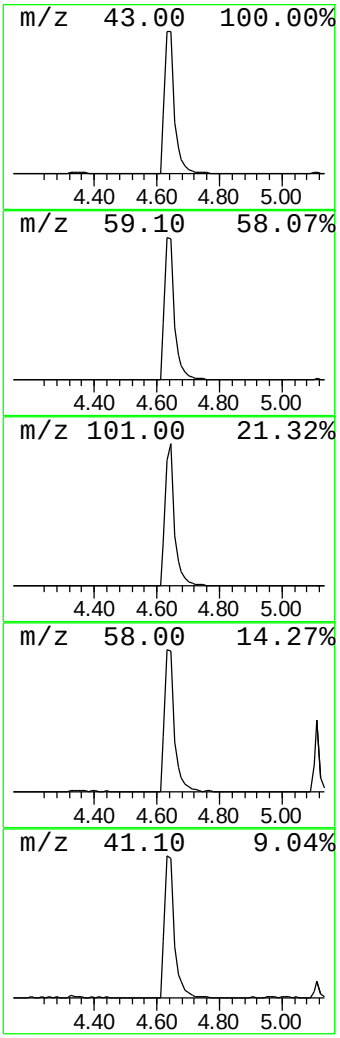
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	30.46 ng	1847700	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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ClientSampleId : B-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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TIC Library : C:\DATABASE\NIST02.L
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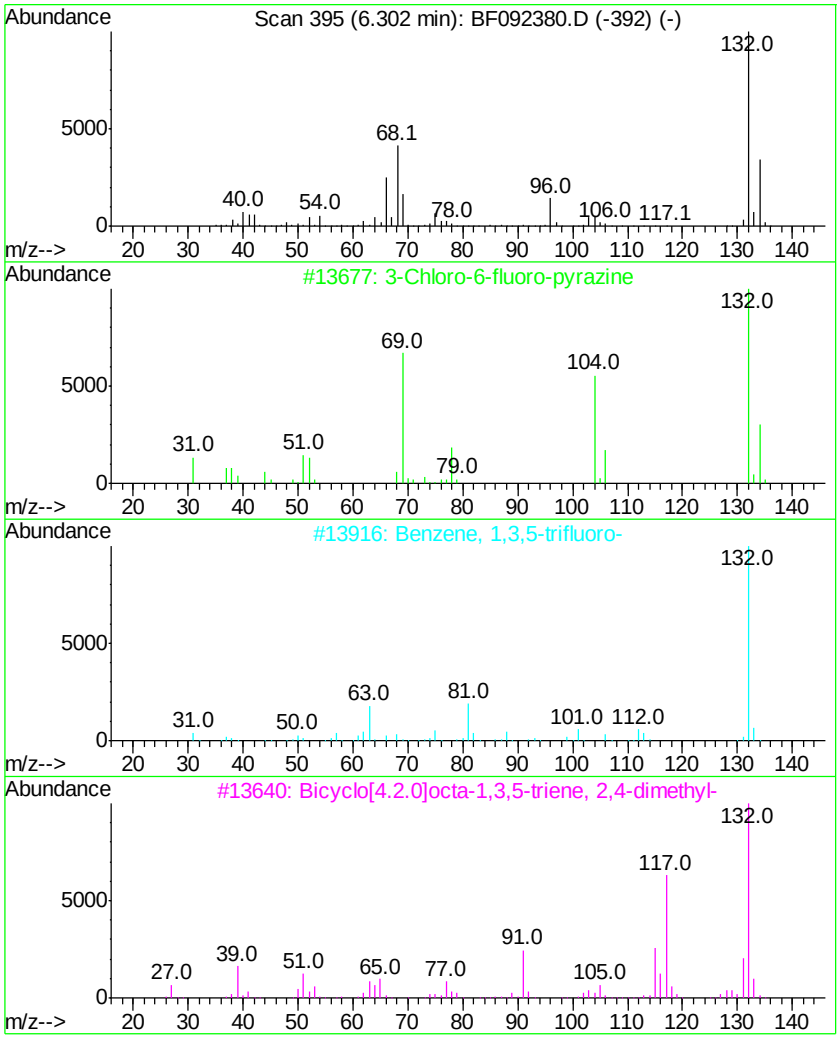
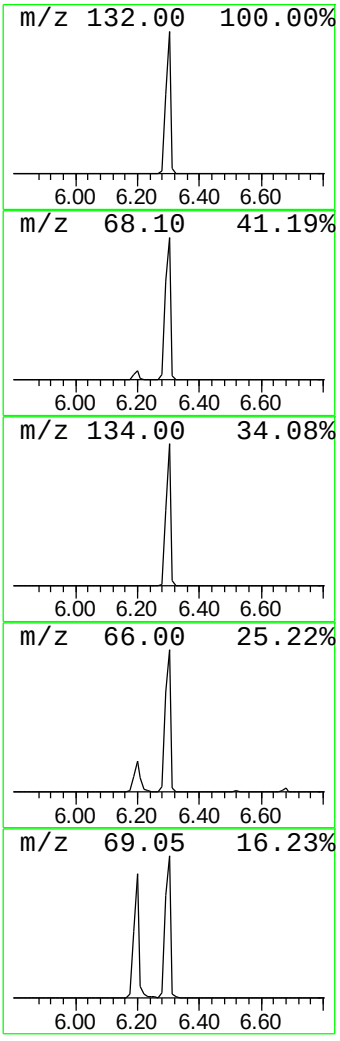
Peak Number 2 unknown6.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	84.36 ng	5116640	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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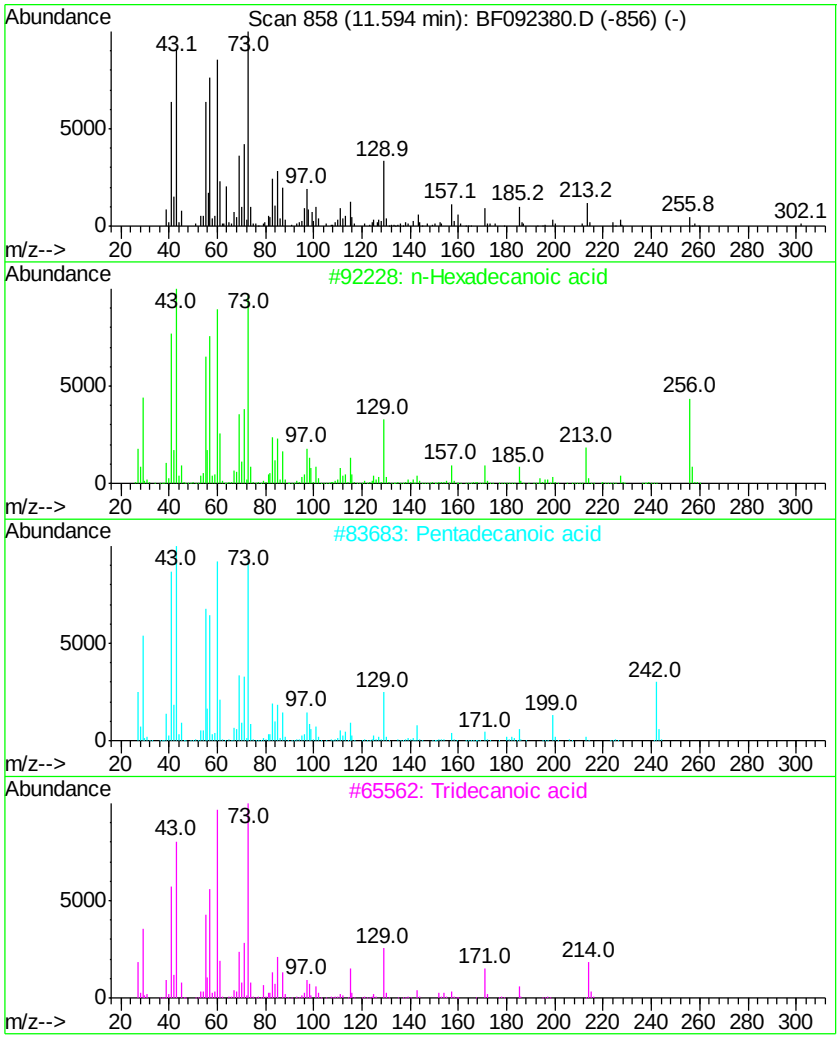
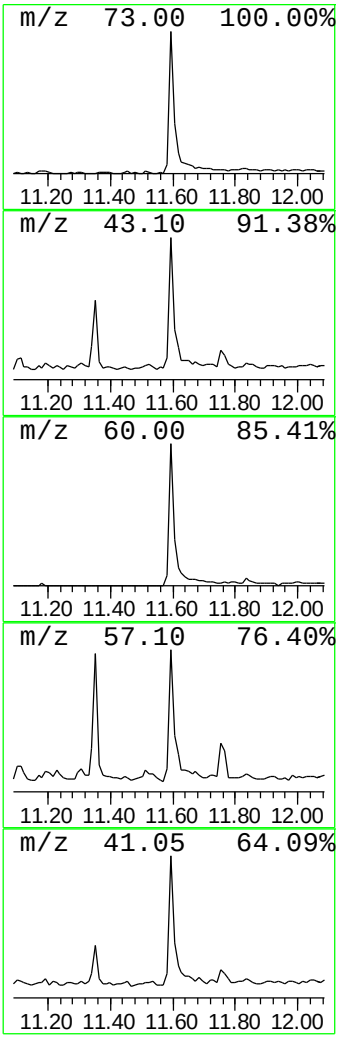
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	5.79 ng	399268	Phenanthrene-d10	11.03

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	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	30
5	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	25





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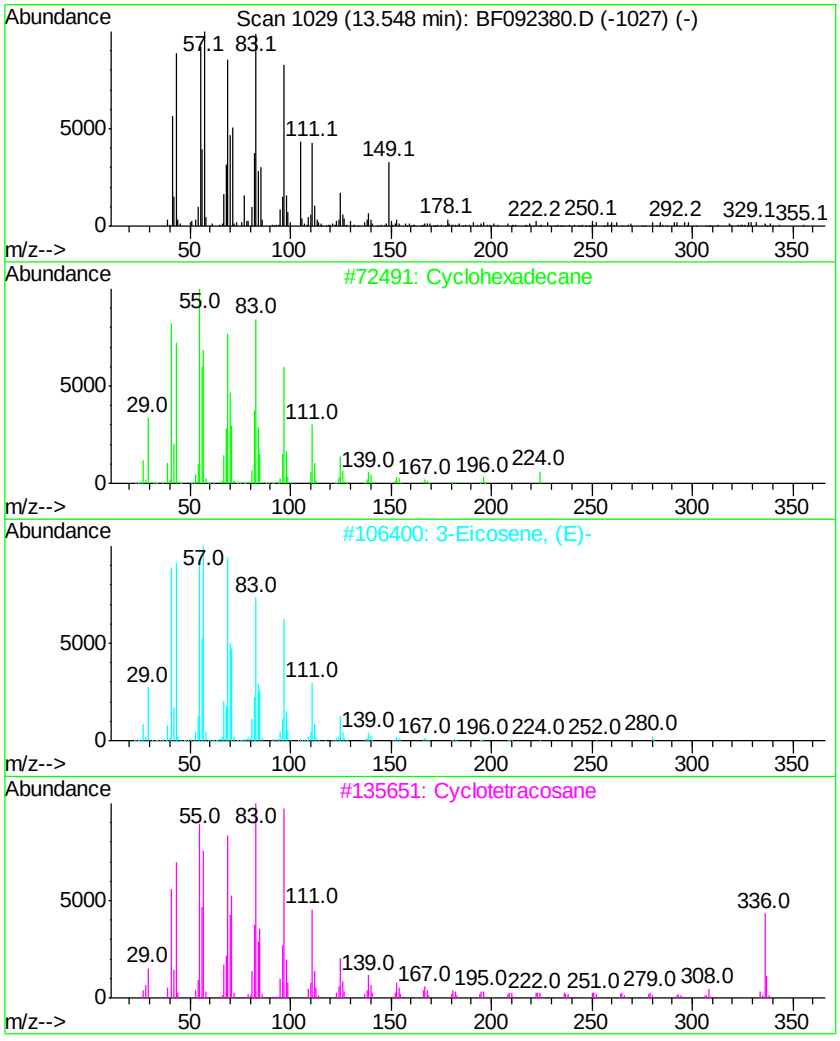
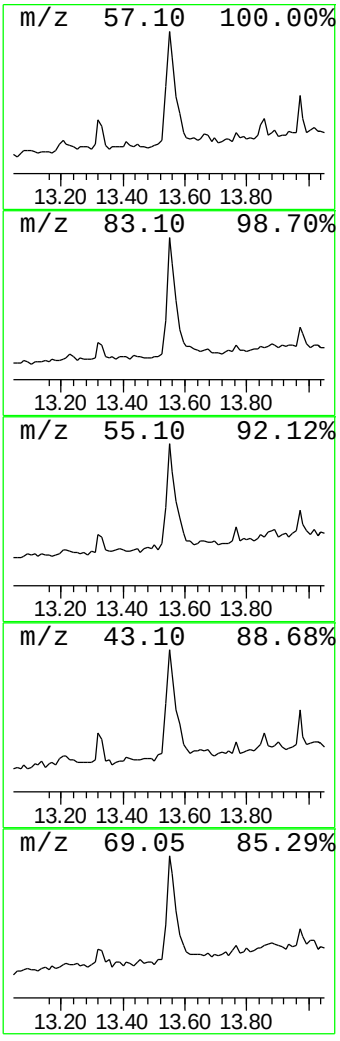
Peak Number 5 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	9.77 ng	549714	Chrysene-d12	13.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
3	Cyclotetracosane	336	C24H48	000297-03-0	95
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	1-Nonadecene	266	C19H38	018435-45-5	91





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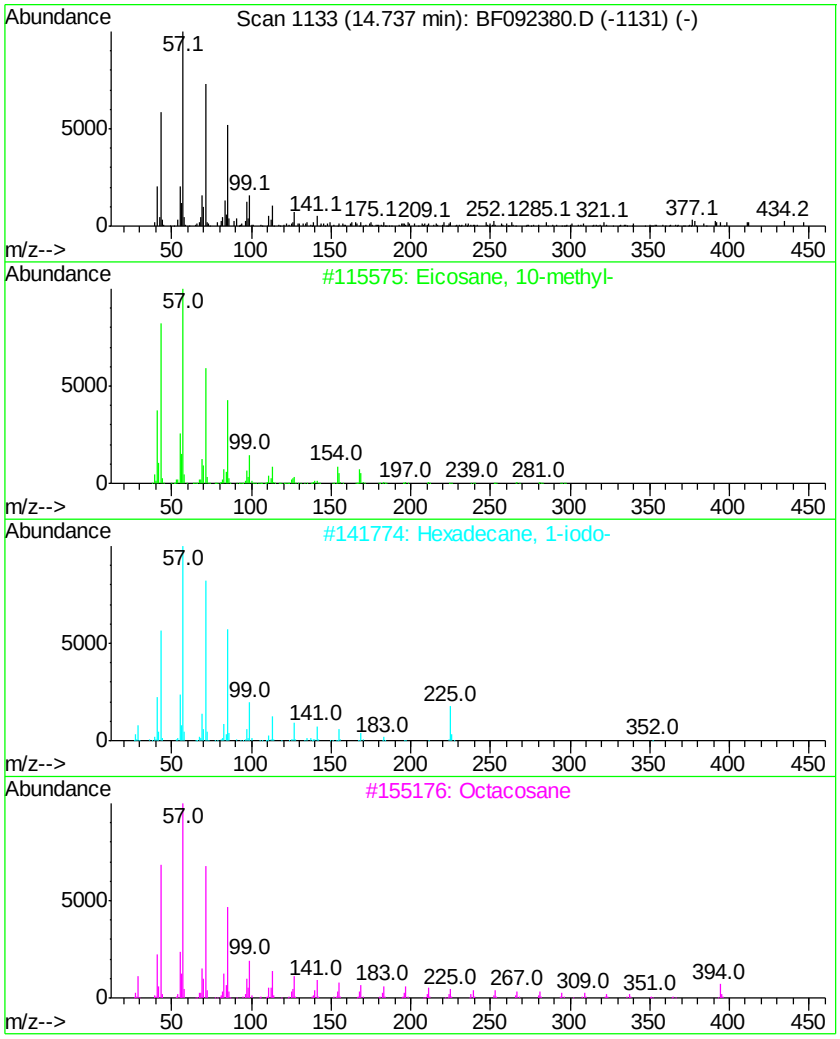
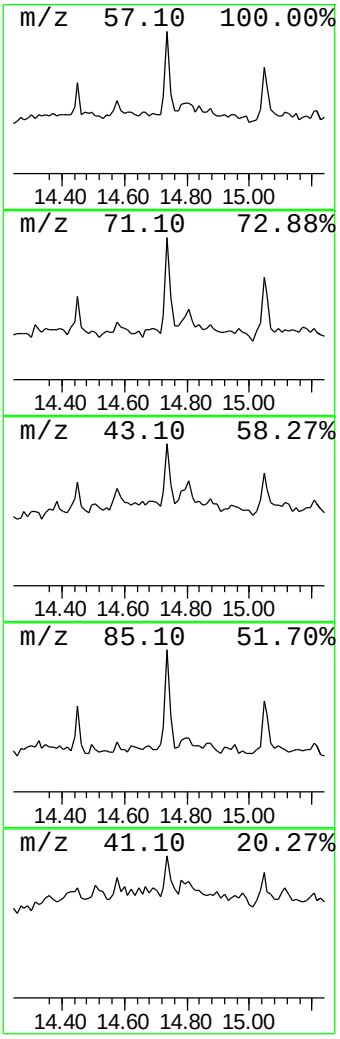
Peak Number 6 Eicosane, 10-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	2.80 ng	105853	Perylene-d12	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
3	Octacosane	394	C28H58	000630-02-4	81
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	74
5	Heneicosane	296	C21H44	000629-94-7	74





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...	4.64	30.5	ng	1847700	1	6.52	1213040	20.0
unknown6.30	6.30	84.4	ng	5116640	1	6.52	1213040	20.0
n-Hexadecanoic acid	11.59	5.8	ng	399268	4	11.03	1378830	20.0
Cyclohexadecane	13.55	9.8	ng	549714	5	13.66	1125380	20.0
Eicosane, 10-methyl-	14.74	2.8	ng	105853	6	15.01	756210	20.0