LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091174.D
Acq On : 15 Nov 2016 12:35
Operator : UM/SJ
Sample : H5636-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS043041

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-BF110316.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	1.744	3	5	53	rVB	2657188	7921655	100.00%	17.195%
2	4.761	266	269	283	rBV	414099	567960	7.17%	1.233%
3	5.219	307	309	330	rBV	1276540	1565098	19.76%	3.397%
4	6.282	400	402	410	rBV2	806690	1134664	14.32%	2.463%
5	6.396	410	412	415	rBV	2198969	3008412	37.98%	6.530%
6	6.636	431	433	444	rBV	784309	907894	11.46%	1.971%
7	6.785	444	446	449	rBV	3156506	3741344	47.23%	8.121%
8	7.207	480	483	485	rBV	3008669	3089143	39.00%	6.705%
9	7.916	543	545	548	rBV	941985	1216460	15.36%	2.641%
10	8.339	579	582	597	rVB	96221	198654	2.51%	0.431%
11	9.002	637	640	642	rBV	5643672	5599981	70.69%	12.156%
12	9.402	672	675	677	rBV	268315	240670	3.04%	0.522%
13	9.665	696	698	701	rBV	1395803	1467404	18.52%	3.185%
14	10.111	729	737	739	rBV4	38569	91719	1.16%	0.199%
15	10.453	765	767	770	rBV2	2189516	2830457	35.73%	6.144%
16	11.151	826	828	830	rBV	1383970	1557557	19.66%	3.381%
17	11.391	845	849	853	rBV	240436	299025	3.77%	0.649%
18	12.202	918	920	929	rBV	666921	828257	10.46%	1.798%
19	12.739	964	967	969	rBV	5675955	6528993	82.42%	14.172%
20	13.642	1044	1046	1053	rBV	96412	119802	1.51%	0.260%
21	13.780	1055	1058	1060	rBV	1291411	1561091	19.71%	3.389%
22	14.237	1096	1098	1104	rBV	225032	259292	3.27%	0.563%
23	14.614	1129	1131	1134	rBV	114383	146304	1.85%	0.318%
24	15.140	1175	1177	1180	rBV	920606	1187199	14.99%	2.577%

Sum of corrected areas: 46069035

LSC Report - Integrated Chromatogram

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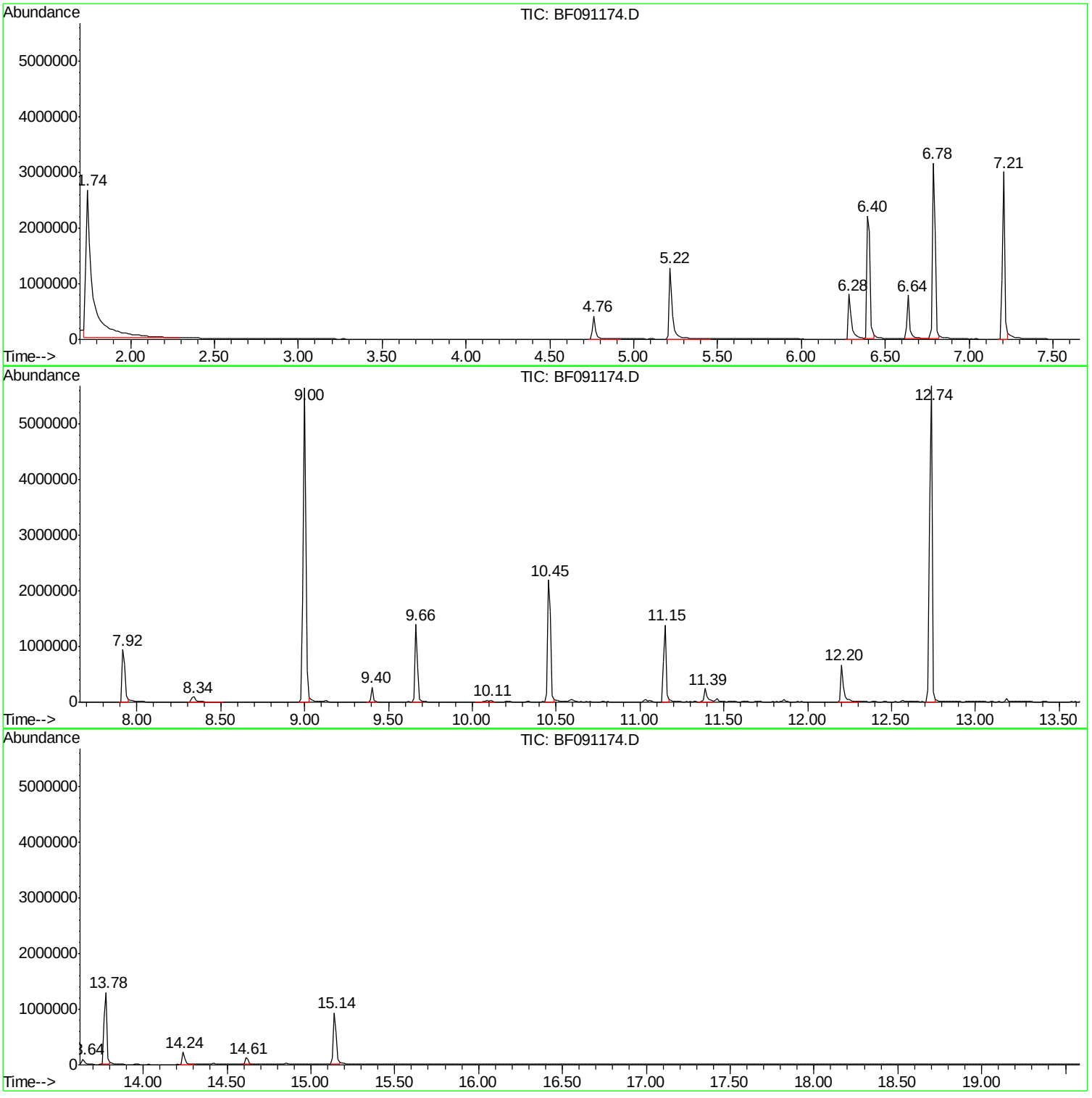
Instrument : BNA_F
ClientSampleId : CPS043041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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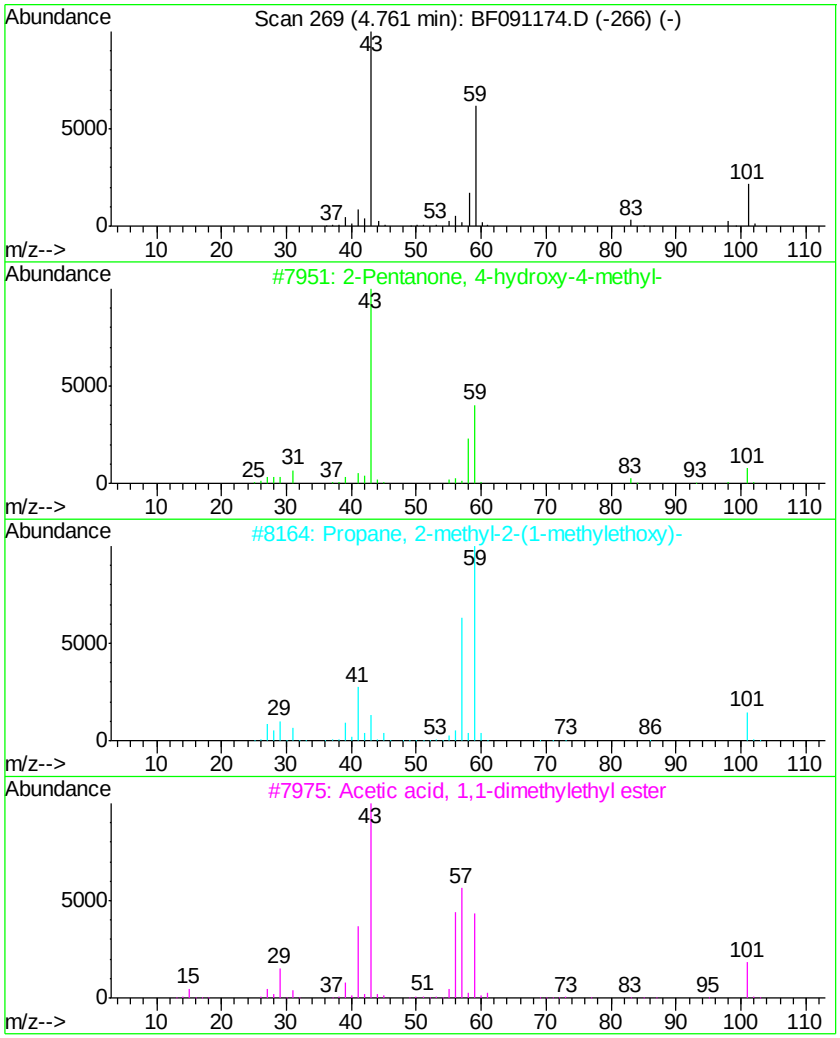
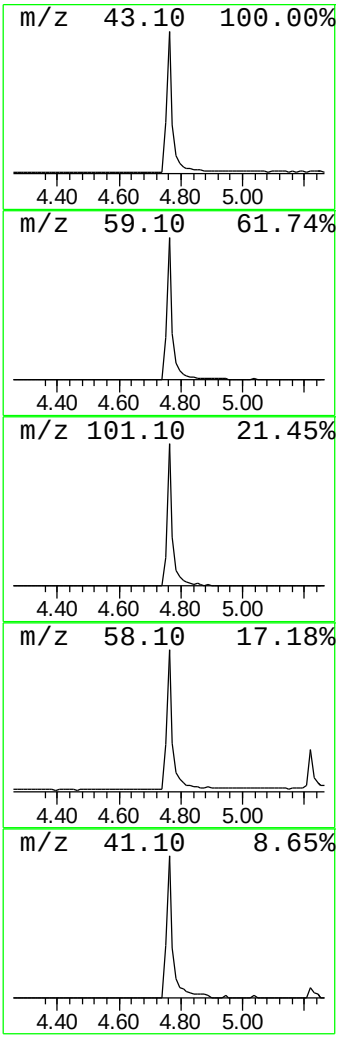
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	12.51 ng	567960	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

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Data File : BF091174.D
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Operator : UM/SJ
Sample : H5636-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS043041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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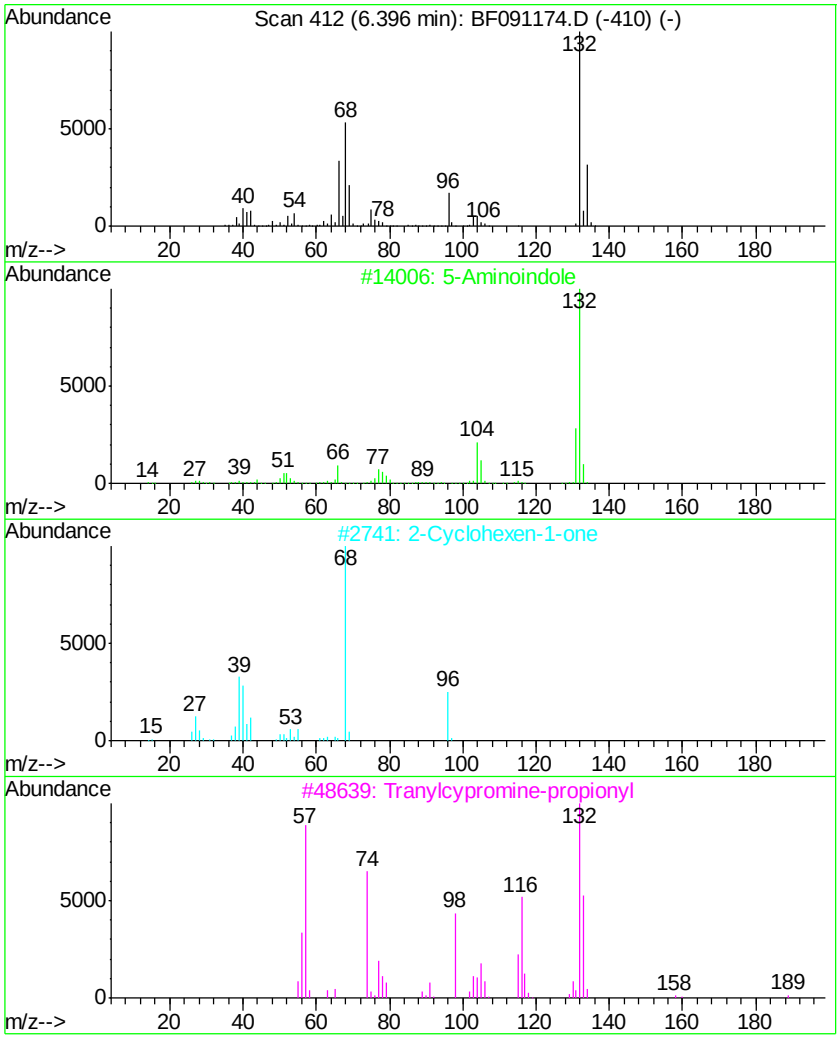
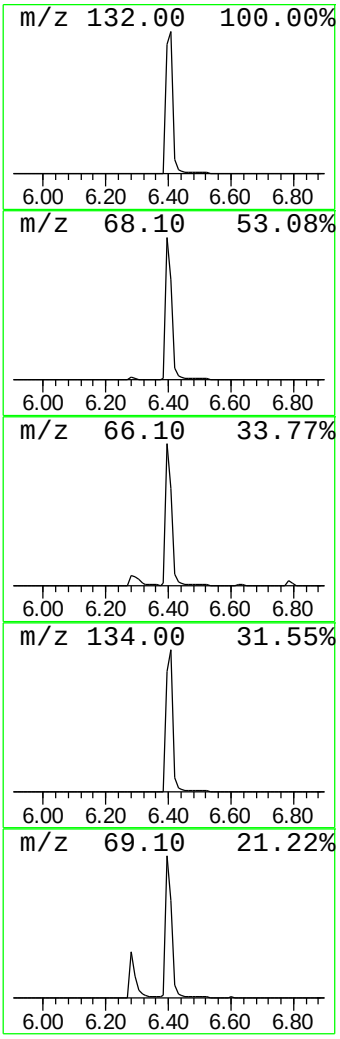
Peak Number 3 unknown6.40 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	66.27 ng	3008410	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Operator : UM/SJ
Sample : H5636-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS043041

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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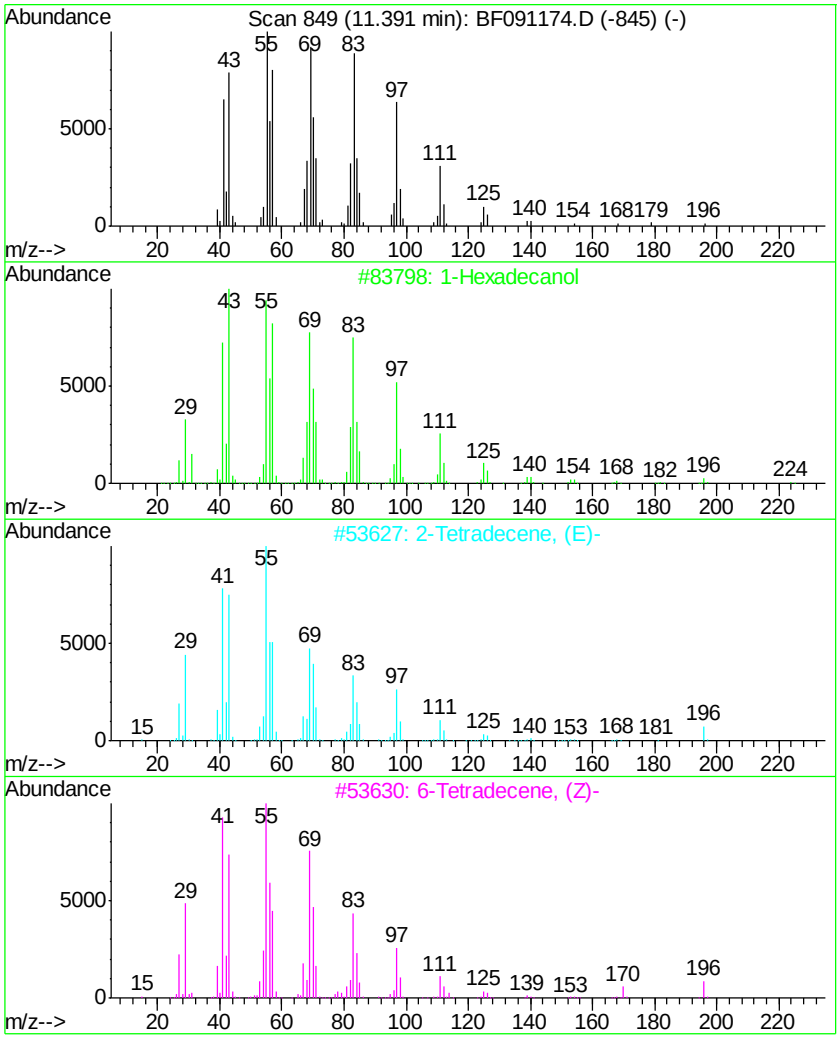
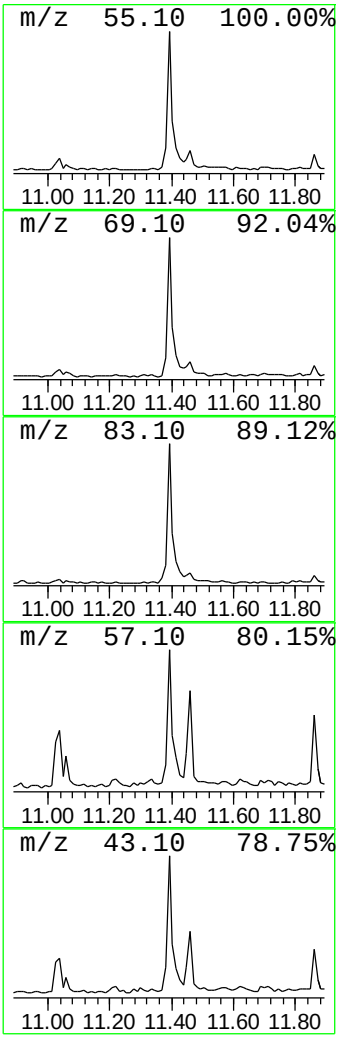
Peak Number 5 1-Hexadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	3.84 ng	299025	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	94
2	2-Tetradecene, (E)-	196	C14H28	035953-53-8	93
3	6-Tetradecene, (Z)-	196	C14H28	041446-61-1	91
4	Cyclotetradecane	196	C14H28	000295-17-0	91
5	1-Tetradecanol	214	C14H30O	000112-72-1	91





Library Search Compound Report

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Sample : H5636-01
Misc :
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ClientSampleId : CPS043041

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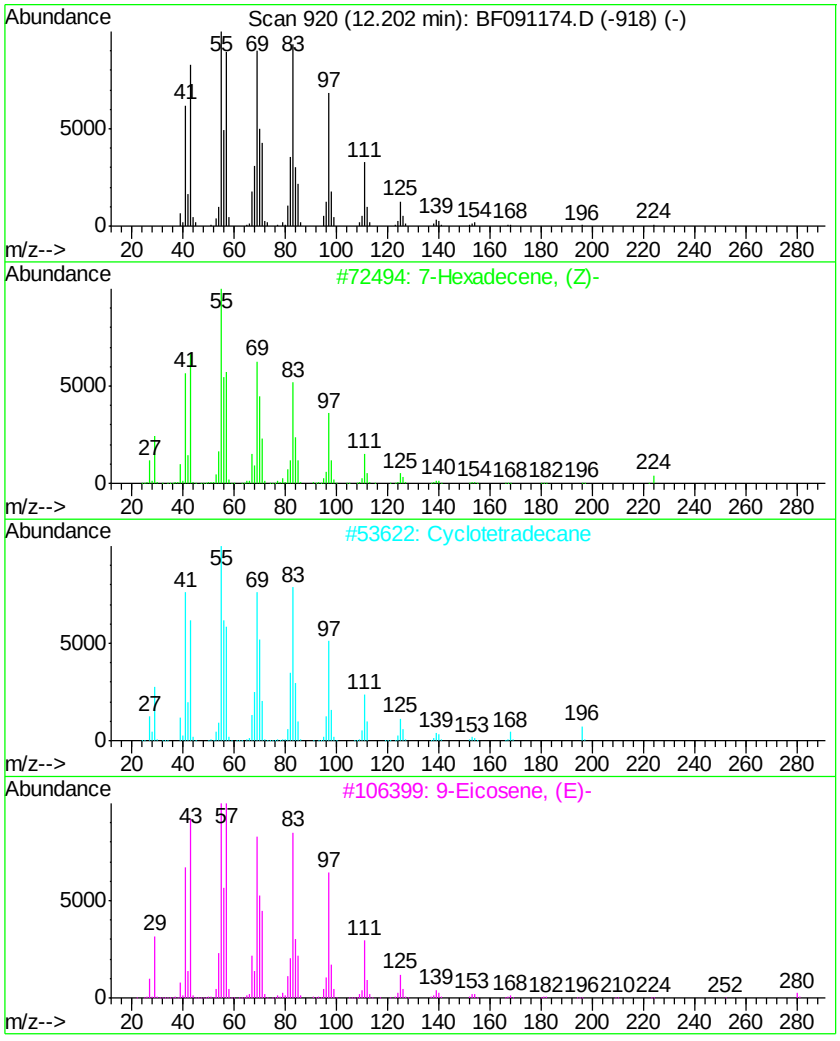
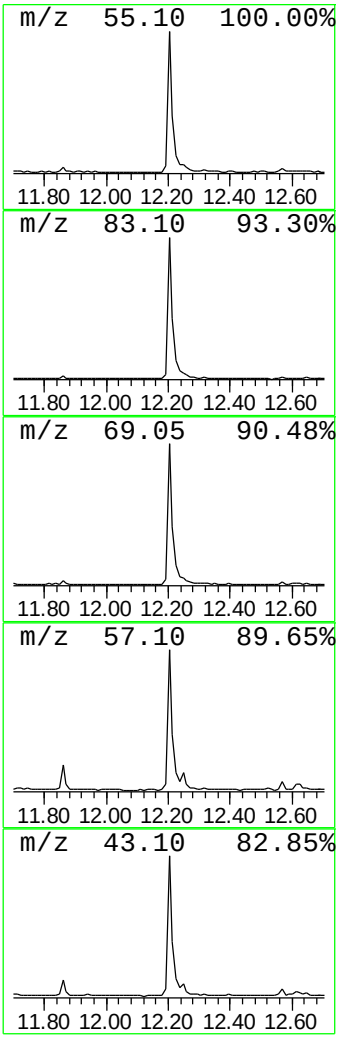
****

Peak Number 6 7-Hexadecene, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	10.64 ng	828257	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	98
2	Cyclotetradecane	196	C14H28	000295-17-0	96
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	91





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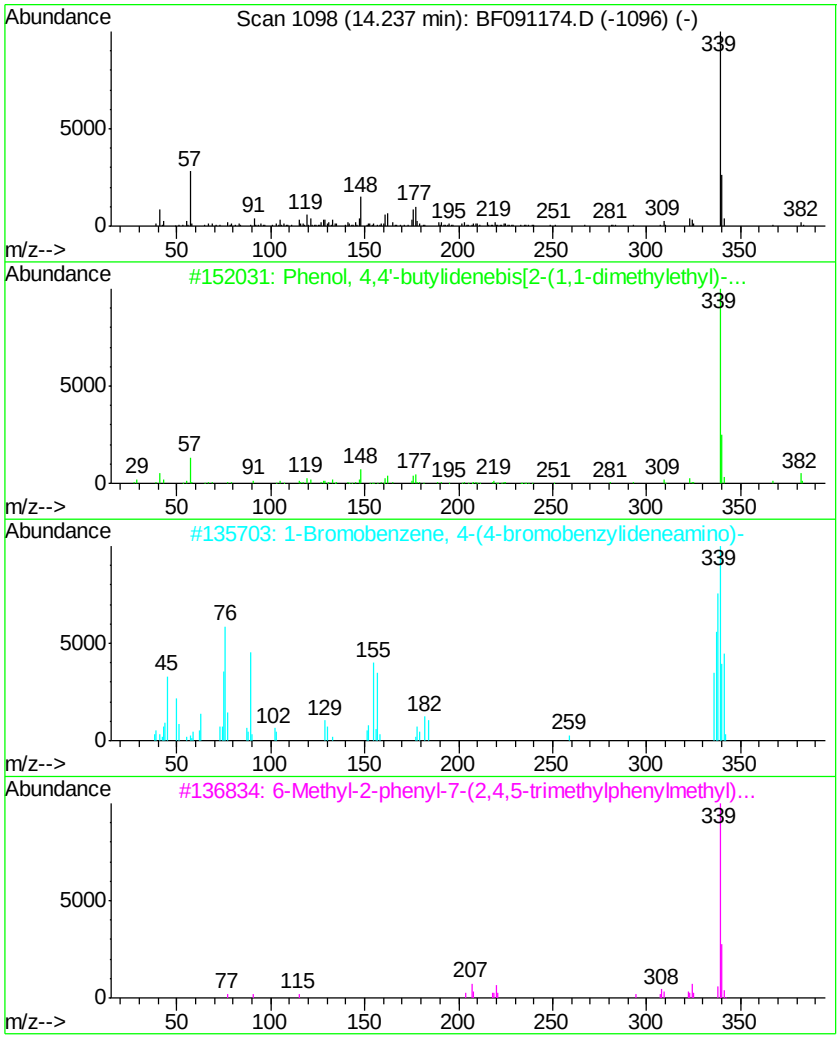
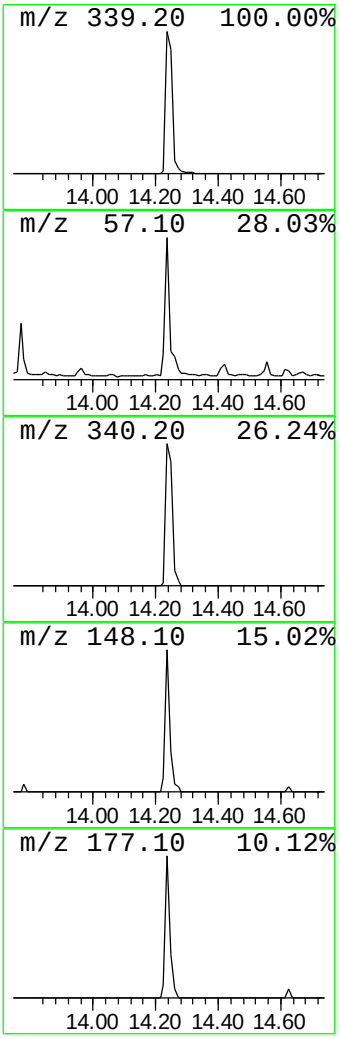
Peak Number 7 Phenol, 4,4'-butylidenebis[... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	3.32 ng	259292	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-butylidenebis[2-(1,...	382	C26H38O2	000085-60-9	98
2	1-Bromobenzene, 4-(4-bromobenzyl...	337	C13H9Br2N	1000221-92-9	76
3	6-Methyl-2-phenyl-7-(2,4,5-trime...	339	C25H25N	064002-76-2	64
4	2,4-Bis(4-aminophenyl)-6-(pyridy...	339	C21H17N5	136009-90-0	59
5	2,4-Di(4-aminophenyl)-6-phenyl-s...	339	C21H17N5	031207-01-9	59





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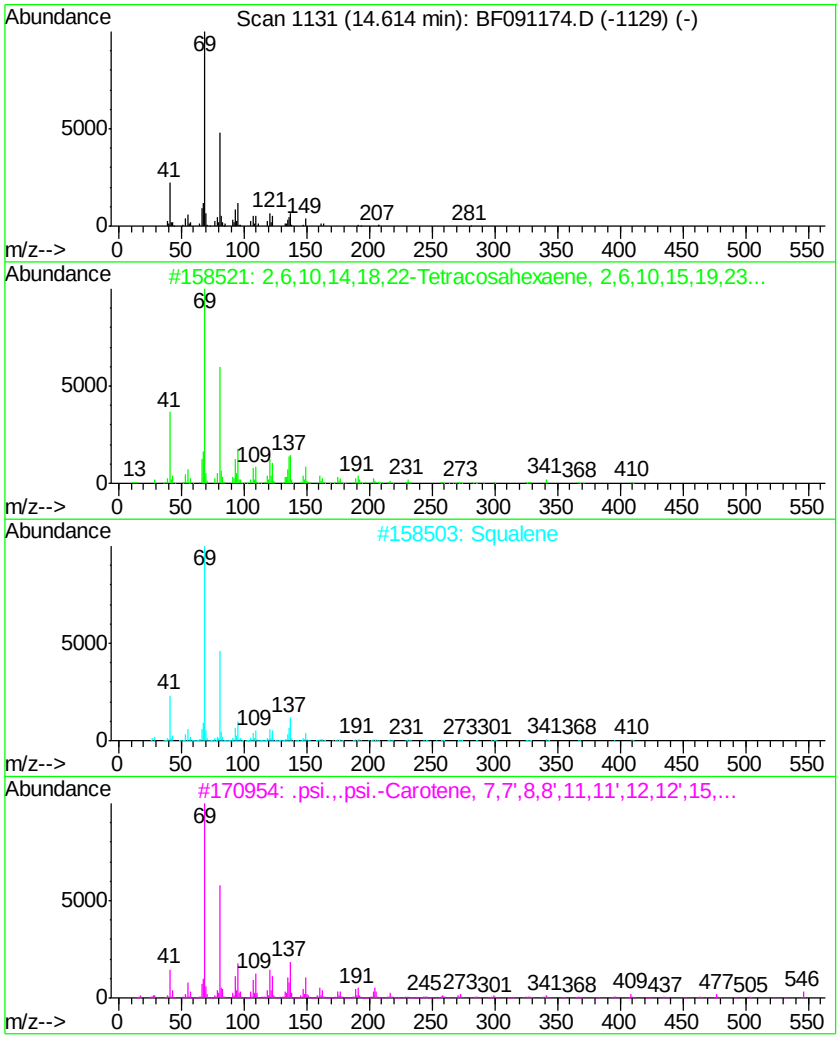
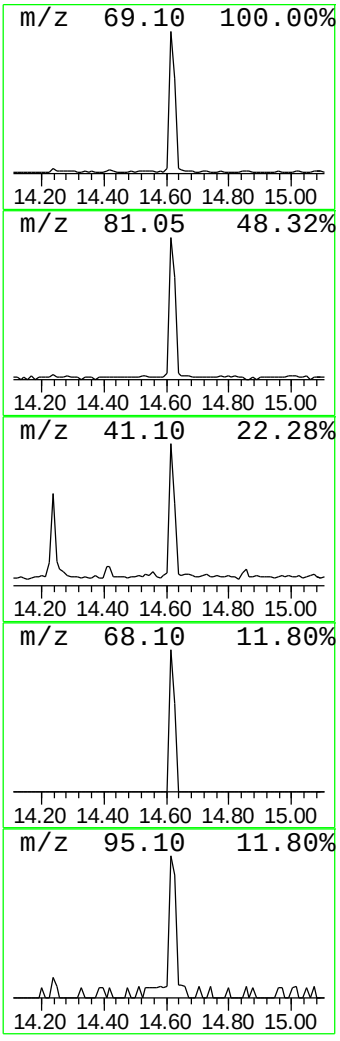
Peak Number 8 2,6,10,14,18,22-Tetracosahe... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	2.46 ng	146304	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
2	Squalene	410	C30H50	007683-64-9	87
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
4	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	83
5	.beta.-D-Mannofuranoside, farnesyl-	384	C21H36O6	1000155-15-5	78





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...	4.76	12.5	ng	567960	1	6.64	907894	20.0
unknown6.40	6.40	66.3	ng	3008410	1	6.64	907894	20.0
1-Hexadecanol	11.39	3.8	ng	299025	4	11.15	1557560	20.0
7-Hexadecene, (Z)-	12.20	10.6	ng	828257	4	11.15	1557560	20.0
Phenol, 4,4'-buty...	14.24	3.3	ng	259292	5	13.78	1561090	20.0
2,6,10,14,18,22-T...	14.61	2.5	ng	146304	6	15.14	1187200	20.0