LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099172.D
Acq On : 7 Oct 2017 2:47
Operator : SJ/JU
Sample : I5608-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PURGE-WATER-2017

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-BF092317.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	2.163	9	13	31	rVB	483133	662654	15.93%	2.167%
2	5.087	506	510	520	rVB	270029	306296	7.36%	1.002%
3	5.487	573	578	581	rBV	1617753	1593953	38.31%	5.213%
4	6.487	744	748	751	rBV	1225359	1037930	24.95%	3.394%
5	6.634	768	773	776	rBV	2759048	2573175	61.85%	8.415%
6	6.863	808	812	815	rBV	1082681	875866	21.05%	2.864%
7	7.022	834	839	842	rBV	2351735	2308375	55.48%	7.549%
8	7.428	903	908	911	rBV	1900680	1871105	44.97%	6.119%
9	7.792	967	970	976	rVB2	38265	45458	1.09%	0.149%
10	7.916	987	991	994	rVB	181193	142631	3.43%	0.466%
11	7.981	998	1002	1004	rBV	55494	49469	1.19%	0.162%
12	8.045	1009	1013	1017	rBV	841159	780776	18.77%	2.553%
13	8.145	1026	1030	1033	rVB	1385228	1199011	28.82%	3.921%
14	8.551	1095	1099	1107	rVB2	38769	44375	1.07%	0.145%
15	8.710	1121	1126	1129	rBV	51008	43922	1.06%	0.144%
16	9.104	1186	1193	1196	rBV	3401099	4160486	100.00%	13.606%
17	9.222	1207	1213	1216	rBV	3581634	3481360	83.68%	11.385%
18	9.898	1323	1328	1332	rBV2	1514006	1316615	31.65%	4.306%
19	10.257	1385	1389	1390	rBV	39732	43030	1.03%	0.141%
20	10.275	1390	1392	1394	rVB	176284	124707	3.00%	0.408%
21	10.686	1457	1462	1466	rBV	1714625	1778618	42.75%	5.817%
22	10.751	1469	1473	1478	rVB	217822	180670	4.34%	0.591%
23	11.386	1577	1581	1584	rBV	1464940	1239465	29.79%	4.053%
24	11.551	1604	1609	1612	rBV2	55779	53064	1.28%	0.174%
25	12.163	1709	1713	1718	rBV	137766	126310	3.04%	0.413%
26	12.851	1823	1830	1833	rBV2	59512	80838	1.94%	0.264%
27	12.968	1845	1850	1853	rBV2	2888463	2918287	70.14%	9.544%
28	13.451	1929	1932	1935	rVB	61941	49946	1.20%	0.163%
29	13.692	1971	1973	1978	rVB	46103	43634	1.05%	0.143%
30	14.021	2025	2029	2033	rVB	881688	734382	17.65%	2.402%
31	15.498	2274	2280	2287	rBV	582510	712300	17.12%	2.329%

Sum of corrected areas: 30578708

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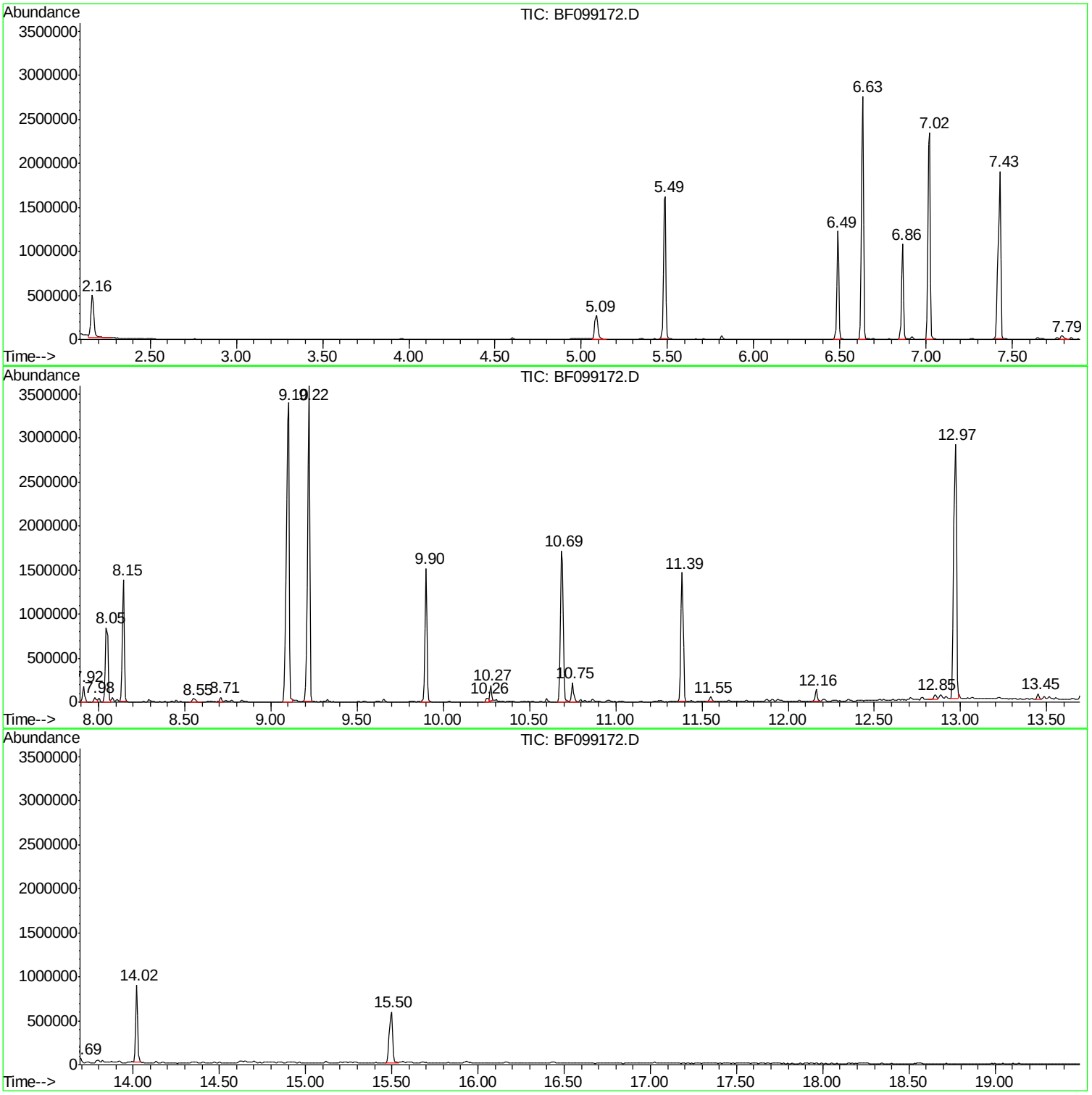
BNA_F
ClientSampleId :
PURGE-WATER-2017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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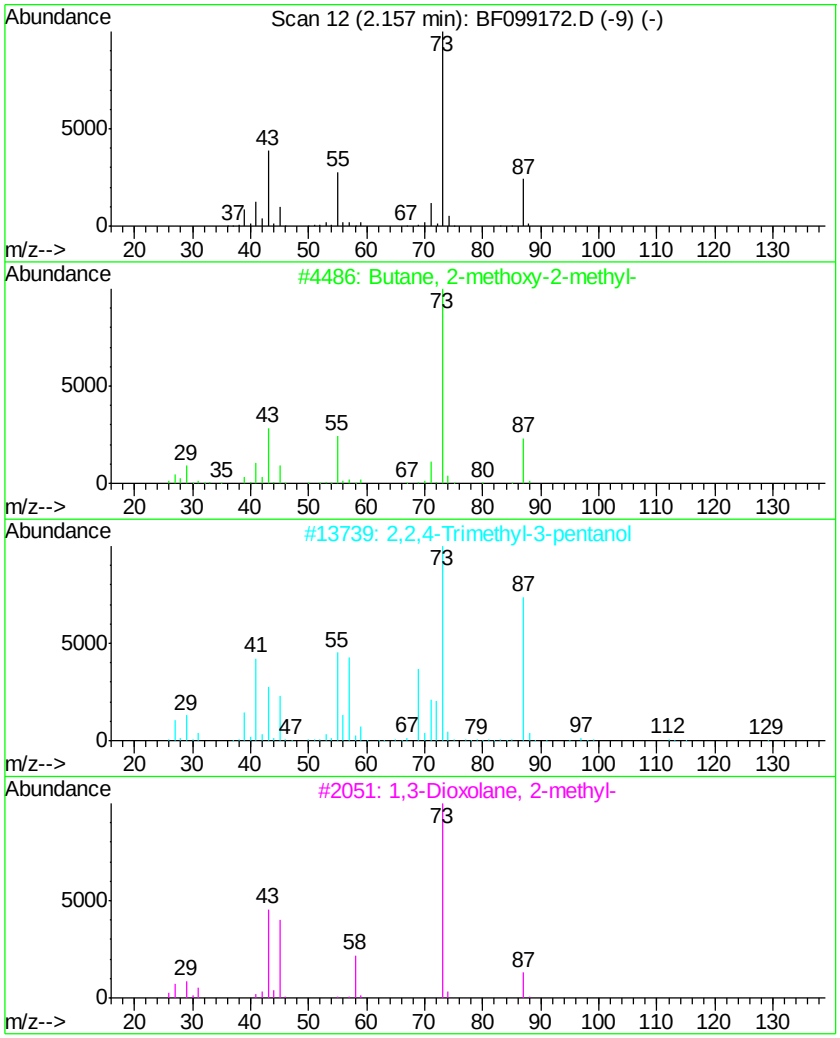
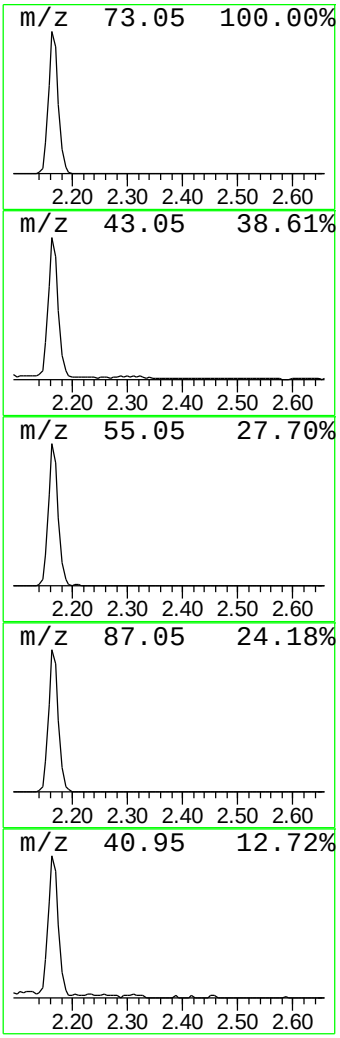
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	15.13 ng	662654	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





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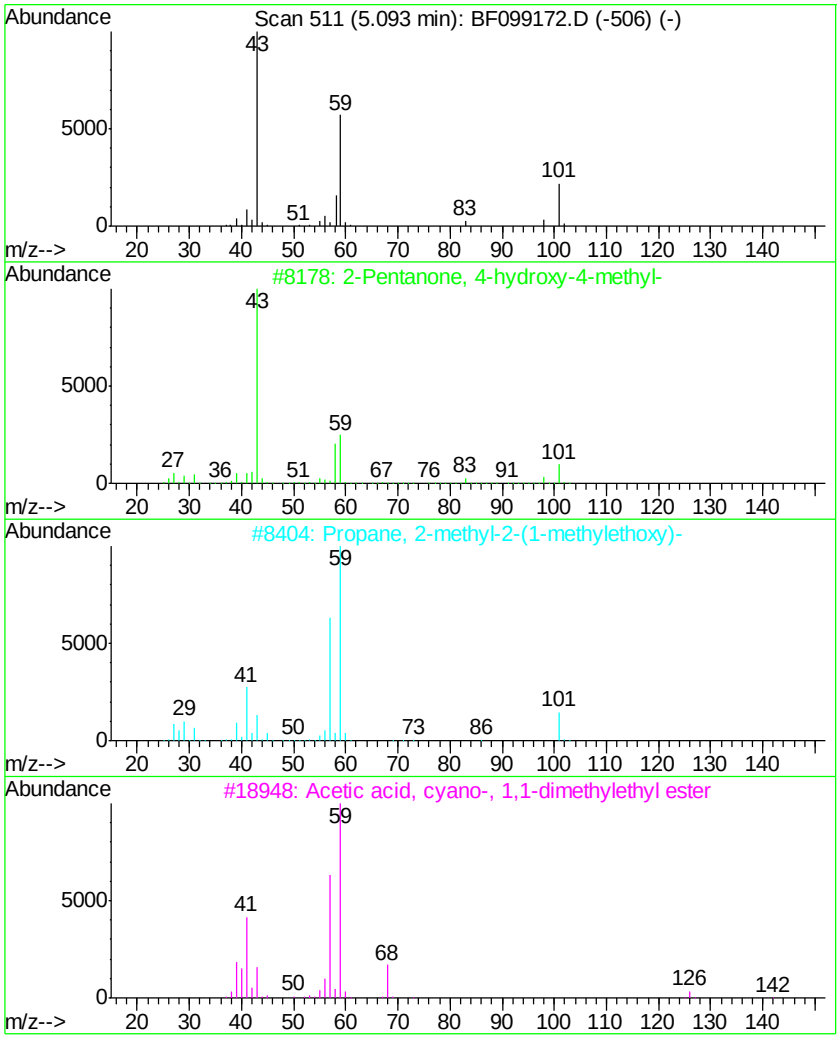
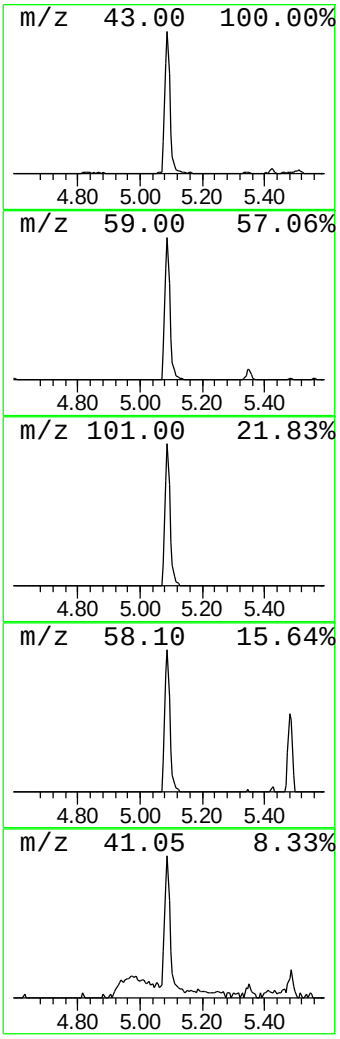
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	6.99 ng	306296	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
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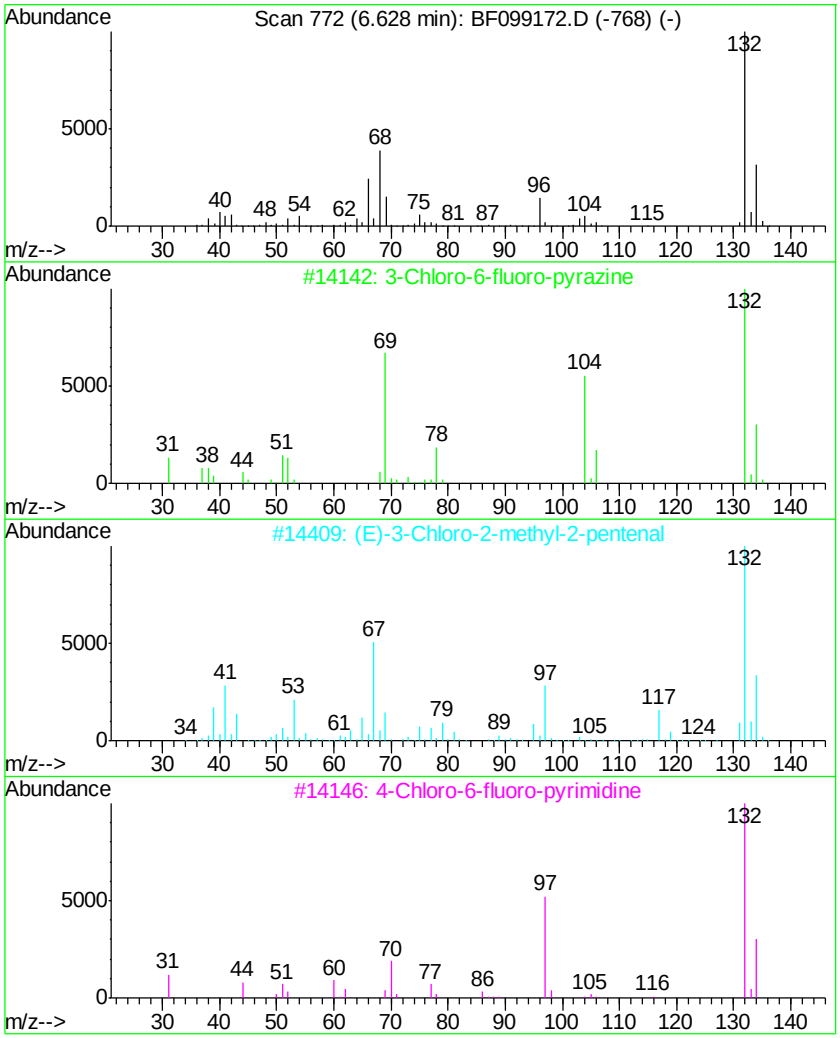
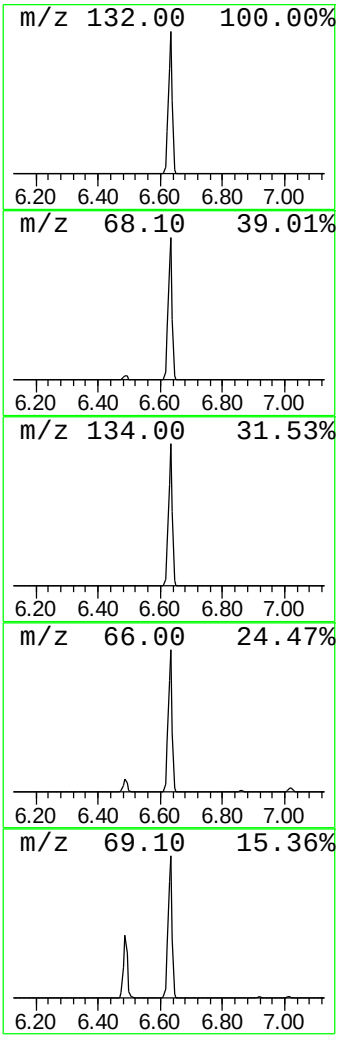
****

Peak Number 3 unknown6.63 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	58.76 ng	2573180	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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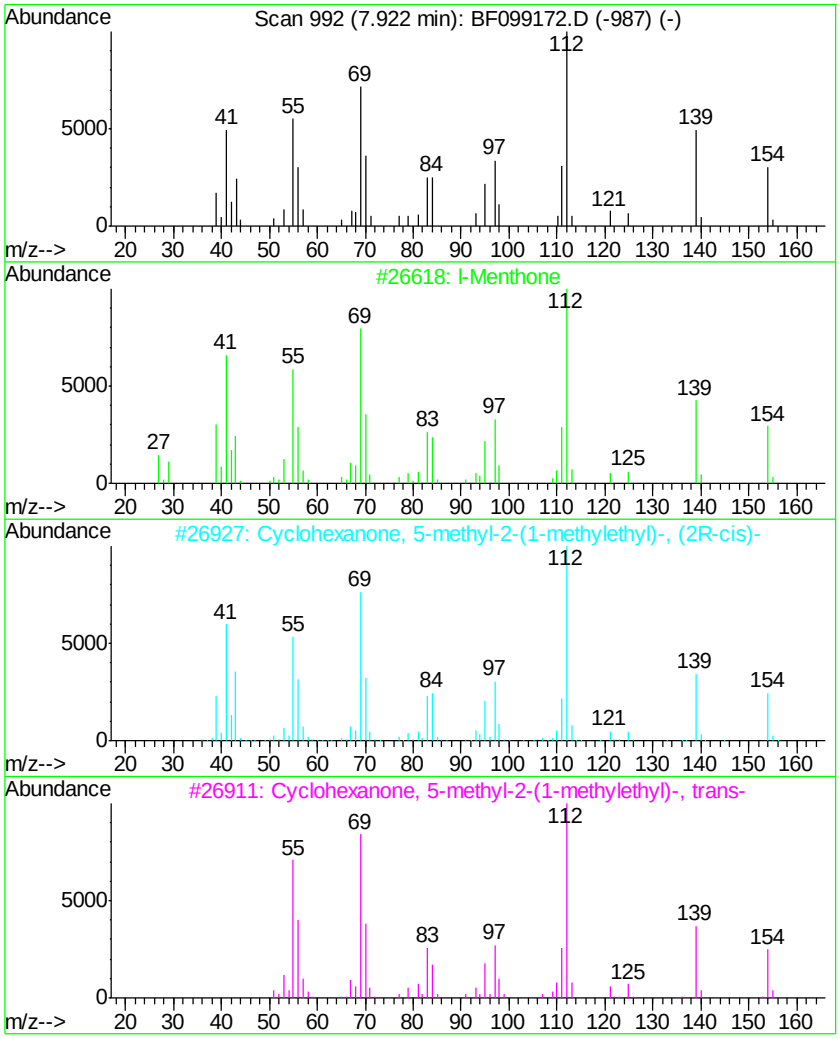
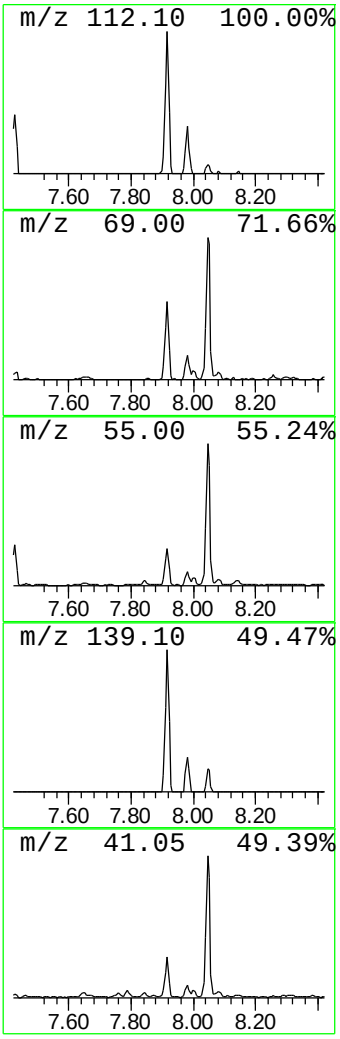
****

Peak Number 5 l-Menthone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	2.38 ng	142631	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	l-Menthone	154	C10H18O	014073-97-3	98
2	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	001196-31-2	98
3	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	000089-80-5	98
4	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	010458-14-7	96
5	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	000491-07-6	96





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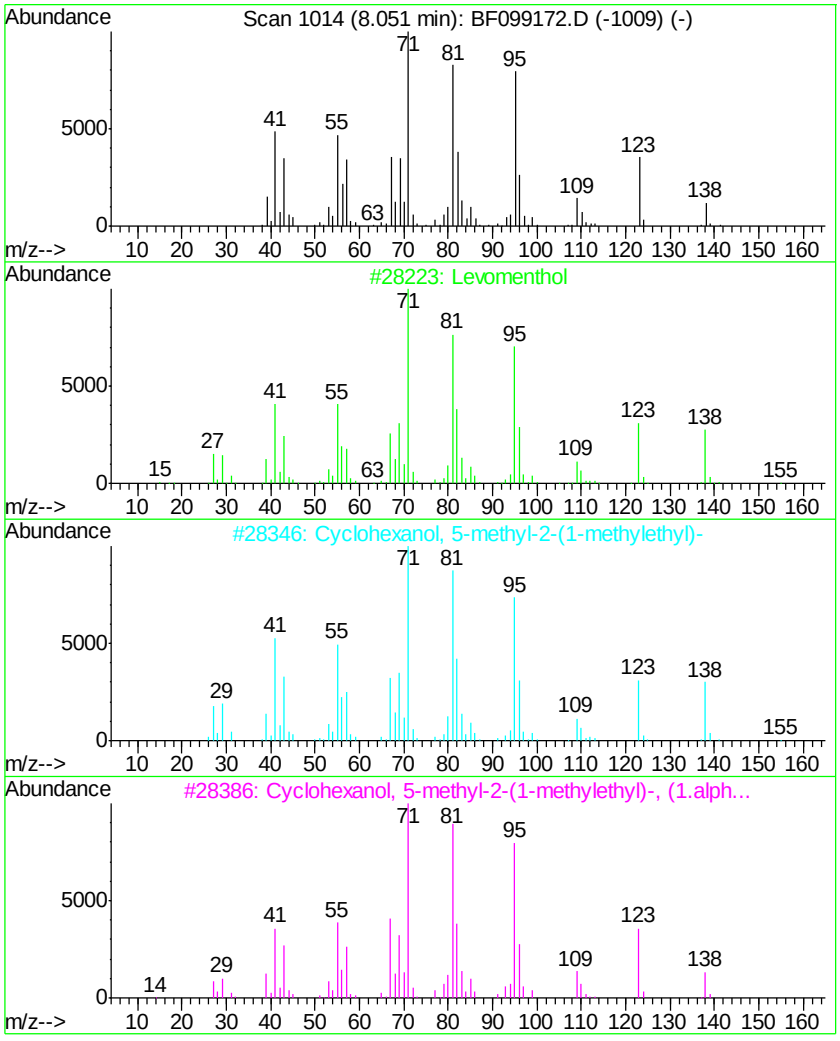
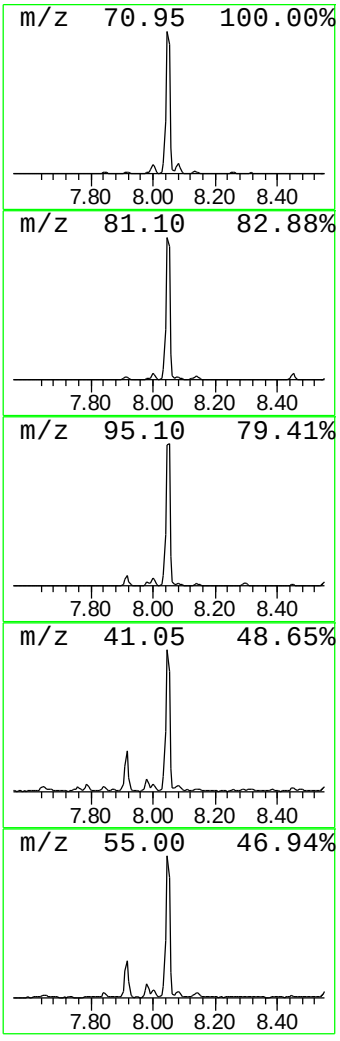
****

Peak Number 6 Levomenthol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	13.02 ng	780776	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Levomenthol	156	C10H20O	002216-51-5	91
2	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	91
3	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	90
4	dl-Menthol	156	C10H20O	000089-78-1	90
5	d-Menthol	156	C10H20O	015356-60-2	90





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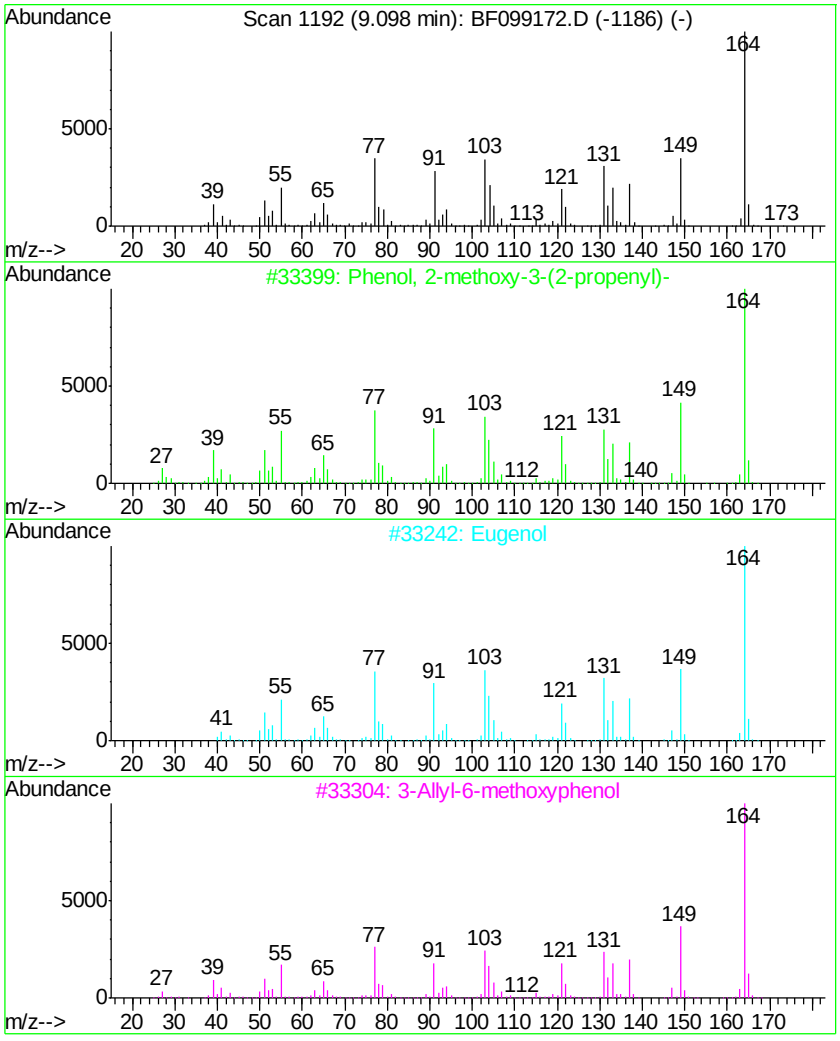
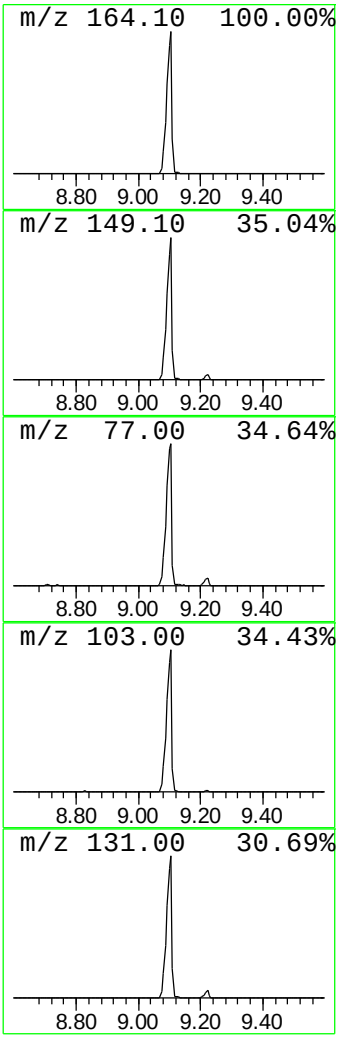
Peak Number 7 Phenol, 2-methoxy-3-(2-prop... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	63.20 ng	4160490	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-3-(2-propenyl)-	164	C10H12O2	001941-12-4	98
2	Eugenol	164	C10H12O2	000097-53-0	98
3	3-Allyl-6-methoxyphenol	164	C10H12O2	000501-19-9	98
4	trans-Isoeugenol	164	C10H12O2	005932-68-3	96
5	Phenol, 2-methoxy-4-(1-propenyl)...	164	C10H12O2	005912-86-7	96





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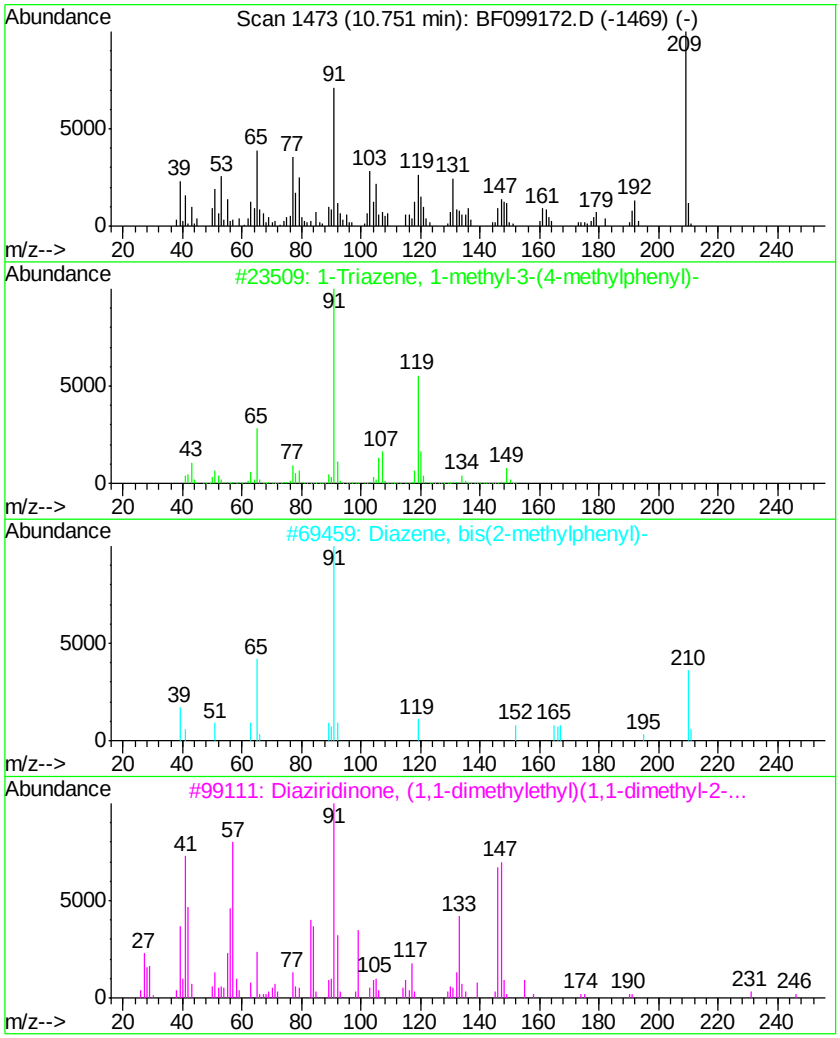
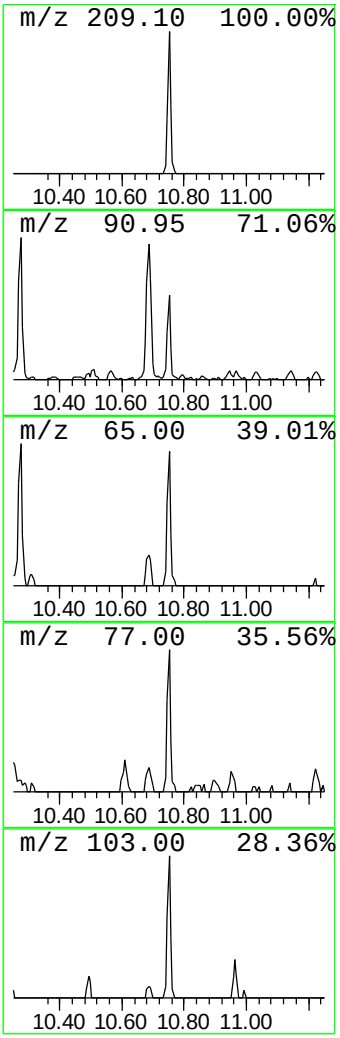
Peak Number 8 unknown10.75 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.92 ng	180670	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Triazene, 1-methyl-3-(4-methyl...	149	C8H11N3	021124-13-0	46
2	Diazene, bis(2-methylphenyl)-	210	C14H14N2	000584-90-7	38
3	Diaziridinone, (1,1-dimethylethy...	246	C15H22N2O	019656-67-8	38
4	Benzo[c]pyrazole, 4,5,6,7-tetrah...	334	C21H19FN2O	1000259-20-2	38
5	2,3,5-Trioxabicyclo[2.1.0]pentan...	254	C16H14O3	056247-48-4	35





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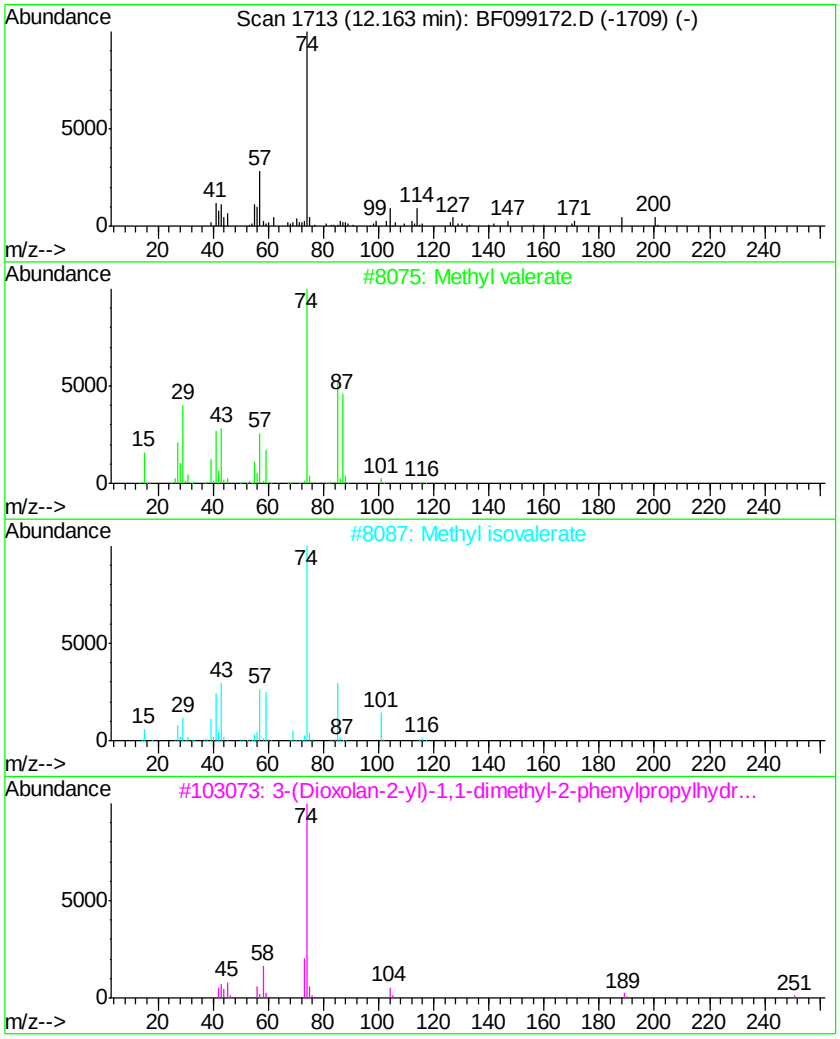
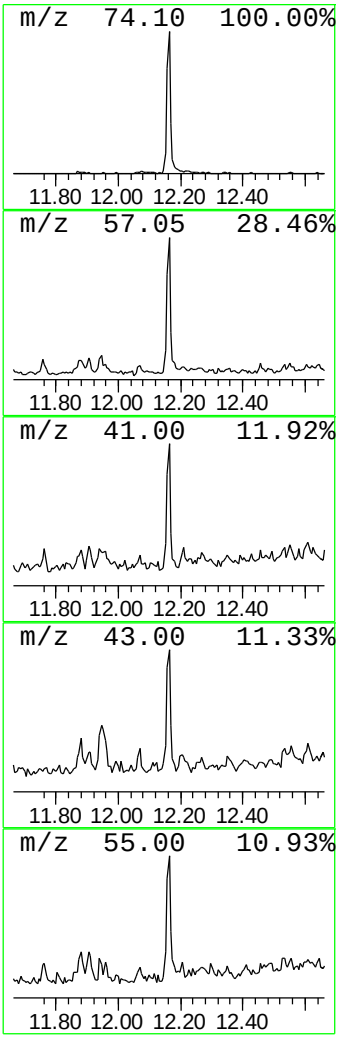
Peak Number 9 Methyl valerate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	2.04 ng	126310	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl valerate	116	C6H12O2	000624-24-8	50
2	Methyl isovalerate	116	C6H12O2	000556-24-1	47
3	3-(Dioxolan-2-yl)-1,1-dimethyl-2...	251	C14H21NO3	1000305-98-1	36
4	2-Amino-4-methyl-4-pentenoic acid	129	C6H11NO2	1000133-00-5	33
5	Propanoic acid	74	C3H6O2	000079-09-4	33





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TIC Library : C:\DATABASE\NIST11.L
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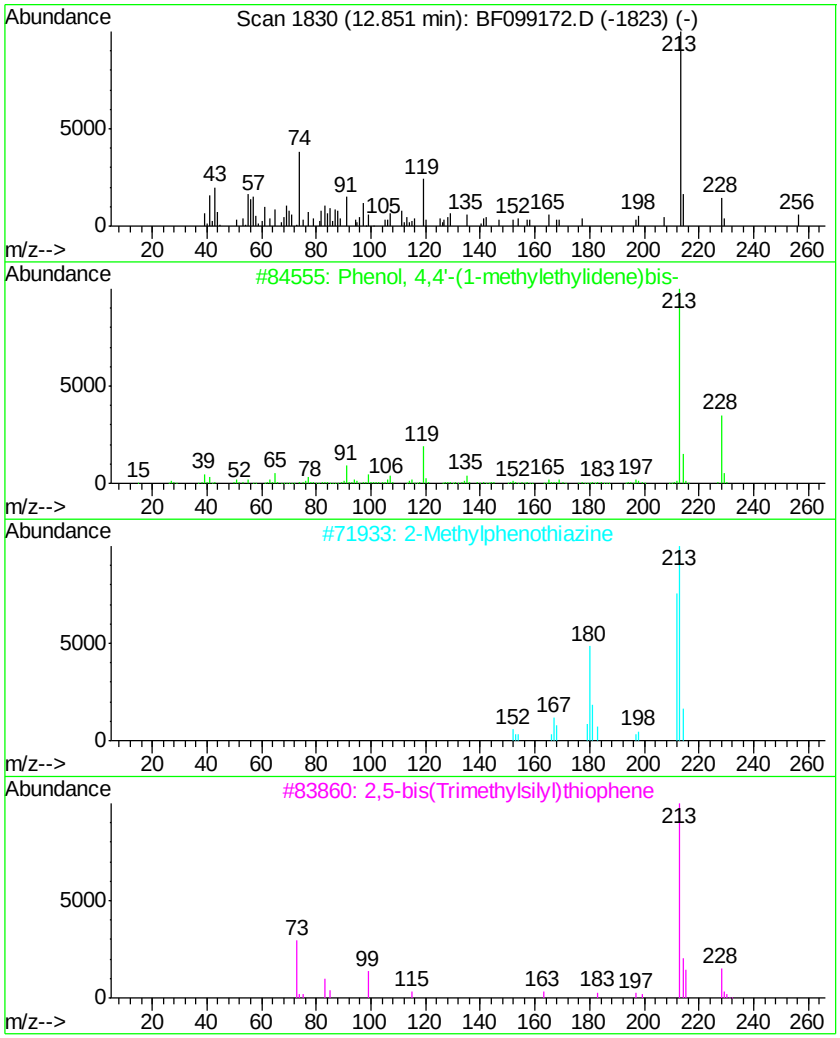
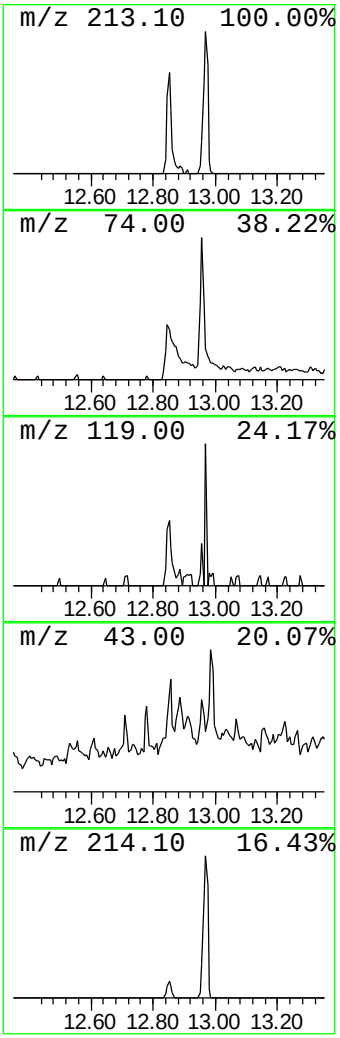
Peak Number 10 Phenol, 4,4'-(1-methylethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	2.20 ng	80838	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	93
2	2-Methylphenothiazine	213	C13H11NS	005828-51-3	50
3	2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	46
4	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	38
5	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099172.D
Acq On : 7 Oct 2017 2:47
Operator : SJ/JU
Sample : I5608-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PURGE-WATER-2017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.16	15.1	ng	662654	1	6.86	875866	20.0
2-Pentanone, 4-hy...	5.09	7.0	ng	306296	1	6.86	875866	20.0
unknown6.63	6.63	58.8	ng	2573180	1	6.86	875866	20.0
l-Menthone	7.92	2.4	ng	142631	2	8.15	1199010	20.0
Levomenthol	8.05	13.0	ng	780776	2	8.15	1199010	20.0
Phenol, 2-methoxy...	9.10	63.2	ng	4160490	3	9.90	1316620	20.0
unknown10.75	10.75	2.9	ng	180670	4	11.39	1239470	20.0
Methyl valerate	12.16	2.0	ng	126310	4	11.39	1239470	20.0
Phenol, 4,4'-(1-m...	12.85	2.2	ng	80838	5	14.02	734382	20.0