LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091117\
Data File : BG028641.D
Acq On : 11 Sep 2017 14:35
Operator : SJ/JU
Sample : I5167-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS123061

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_G\METHODS\8270-BG090717.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	5.445	310	316	323	rBV	27146	45259	1.26%	0.270%
2	5.909	389	395	404	rBV	336912	573754	16.03%	3.420%
3	7.489	657	664	677	rBV	195013	383606	10.72%	2.287%
4	7.871	718	729	740	rBV	593293	1071082	29.93%	6.384%
5	8.335	800	808	815	rBV	155299	277074	7.74%	1.652%
6	8.659	855	863	873	rBV	543283	987017	27.58%	5.883%
7	9.505	997	1007	1015	rBV	453342	856821	23.94%	5.107%
8	11.150	1280	1287	1296	rVB	209211	389942	10.90%	2.324%
9	12.066	1434	1443	1459	rBV	229669	490724	13.71%	2.925%
10	13.565	1687	1698	1707	rBV	1361962	2158043	60.31%	12.864%
11	14.945	1923	1933	1940	rBV2	356746	599110	16.74%	3.571%
12	15.662	2049	2055	2062	rBV2	43344	66595	1.86%	0.397%
13	15.733	2062	2067	2074	rVB2	29784	48388	1.35%	0.288%
14	16.438	2179	2187	2197	rBV	1159511	1882607	52.61%	11.222%
15	17.695	2394	2401	2412	rVB2	515354	818356	22.87%	4.878%
16	18.541	2541	2545	2554	rBV2	65421	108597	3.03%	0.647%
17	19.798	2755	2759	2764	rBV3	40956	60355	1.69%	0.360%
18	20.280	2834	2841	2847	rBV	2718755	3578367	100.00%	21.330%
19	21.855	3105	3109	3116	rBV	37656	55042	1.54%	0.328%
20	22.025	3131	3138	3149	rVB	575841	989334	27.65%	5.897%
21	22.854	3272	3279	3288	rBV	182046	375219	10.49%	2.237%
22	25.533	3720	3735	3748	rVB	304783	961021	26.86%	5.728%

Sum of corrected areas: 16776313

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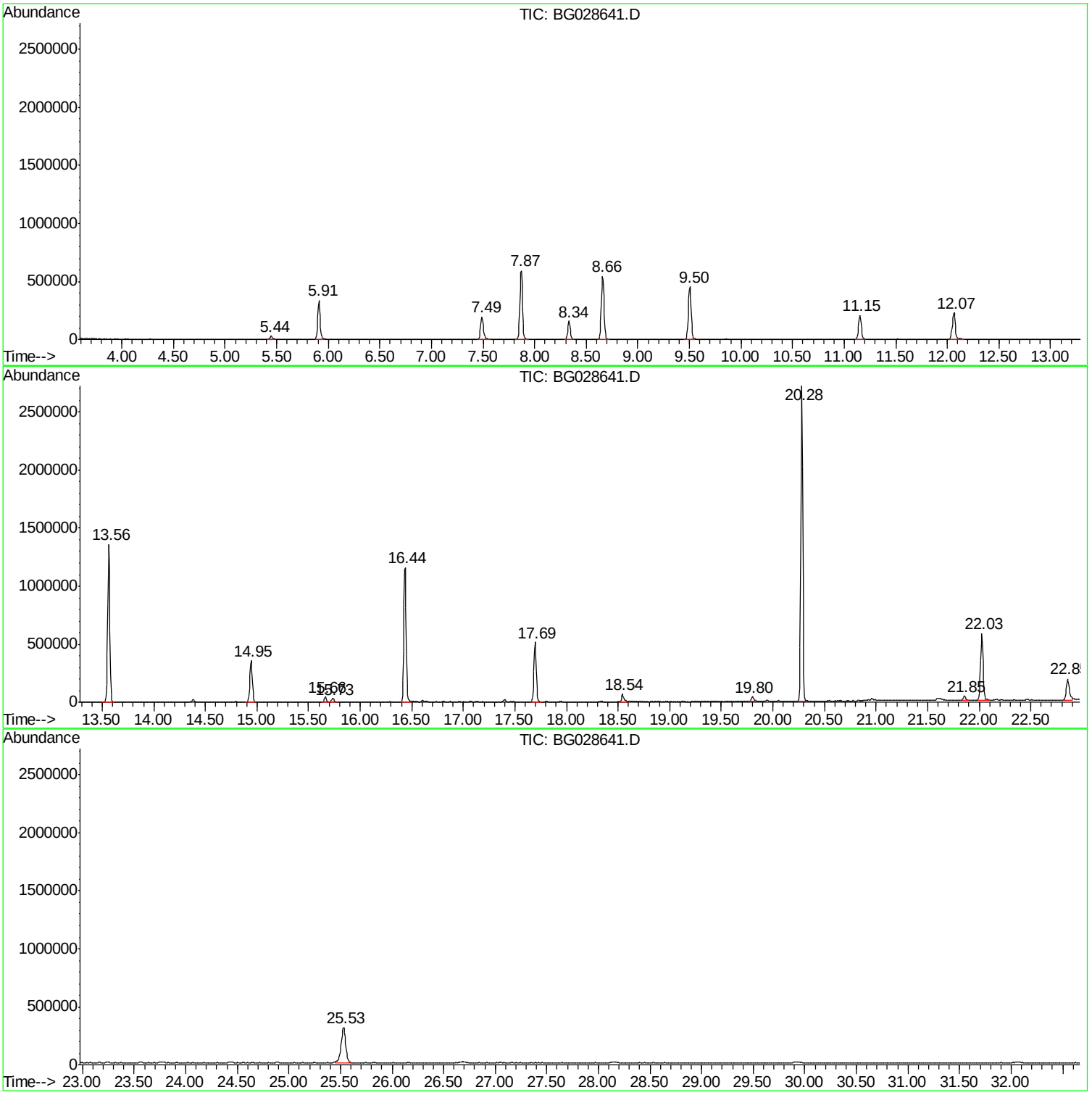
Instrument : BNA_G
ClientSampleId : CPS123061

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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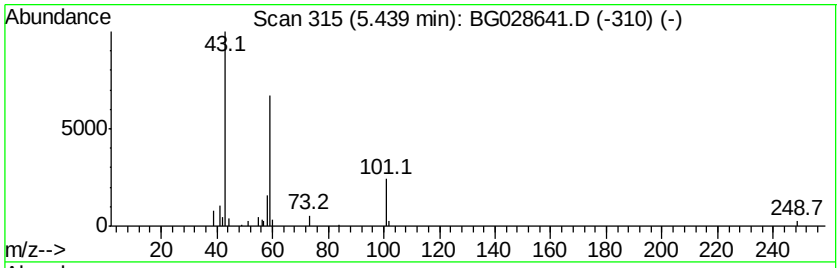
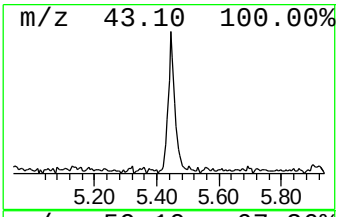
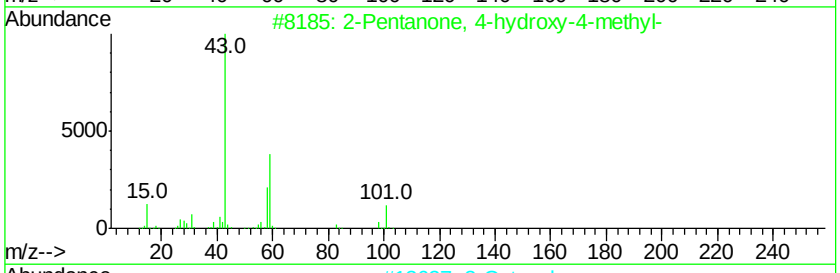
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

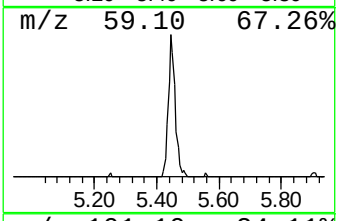
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	3.27 ng	45259	1,4-Dichlorobenzene-d4	8.34

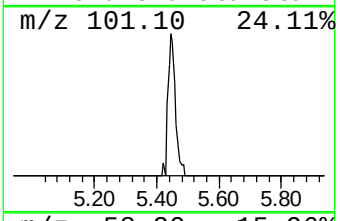
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Octanol	130	C8H18O	000589-98-0	33
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	3-Tridecanol	200	C13H28O	010289-68-6	25
5	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	25

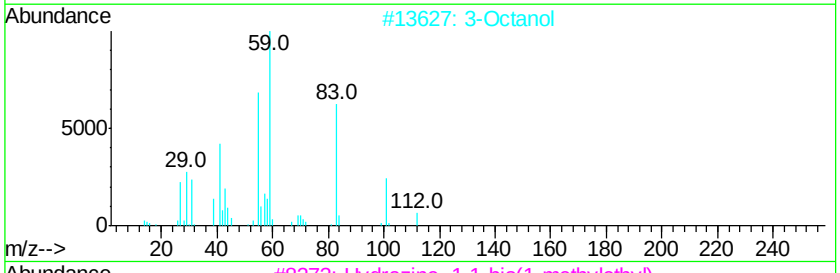


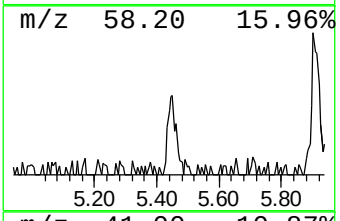


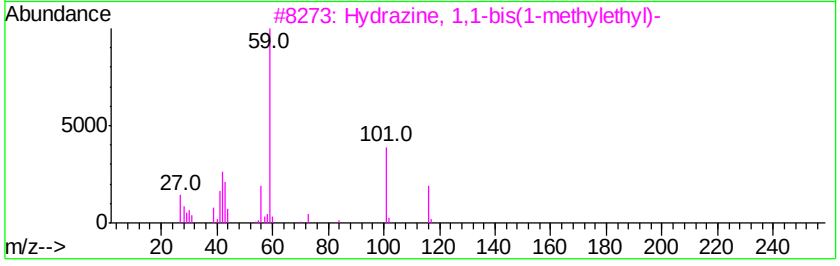


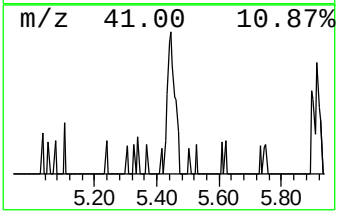












Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : CPS123061

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

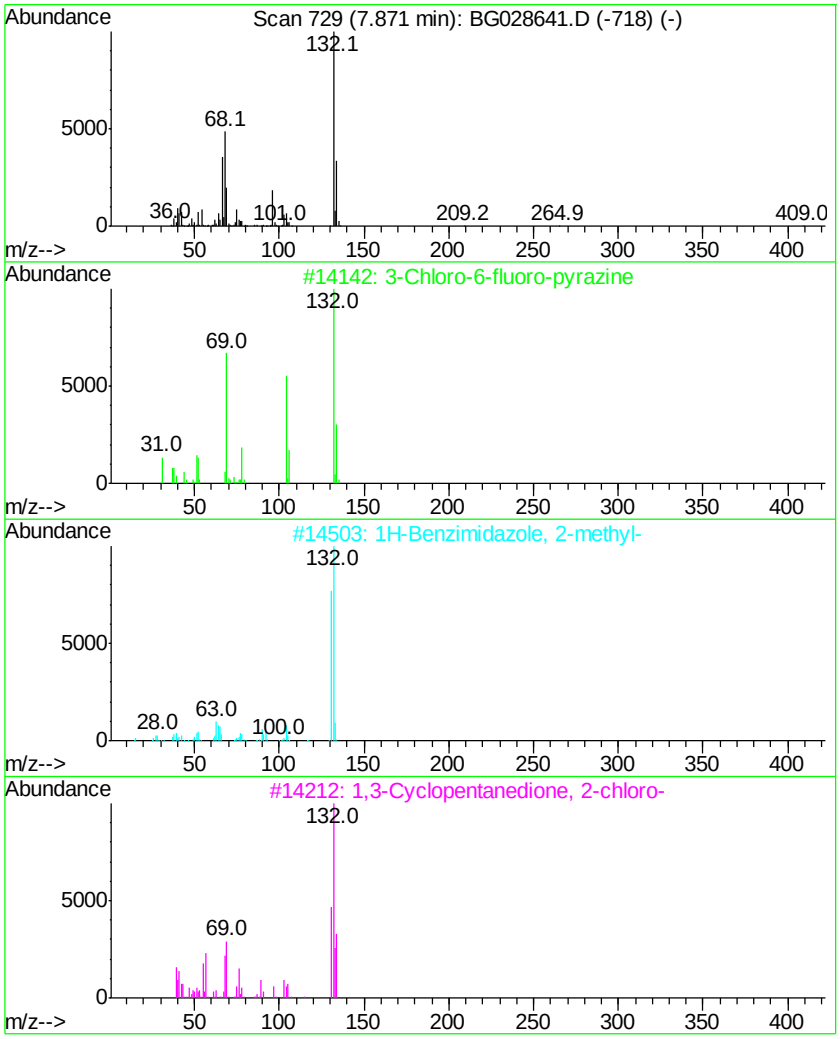
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

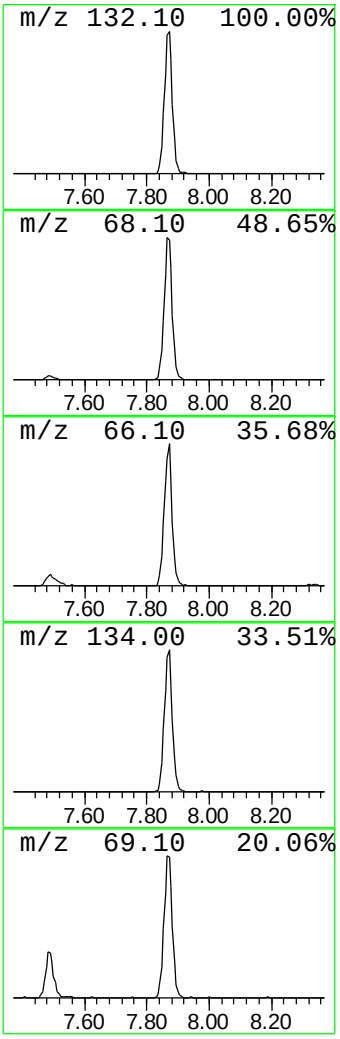
****

Peak Number 2 unknown7.87 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	77.31 ng	1071080	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





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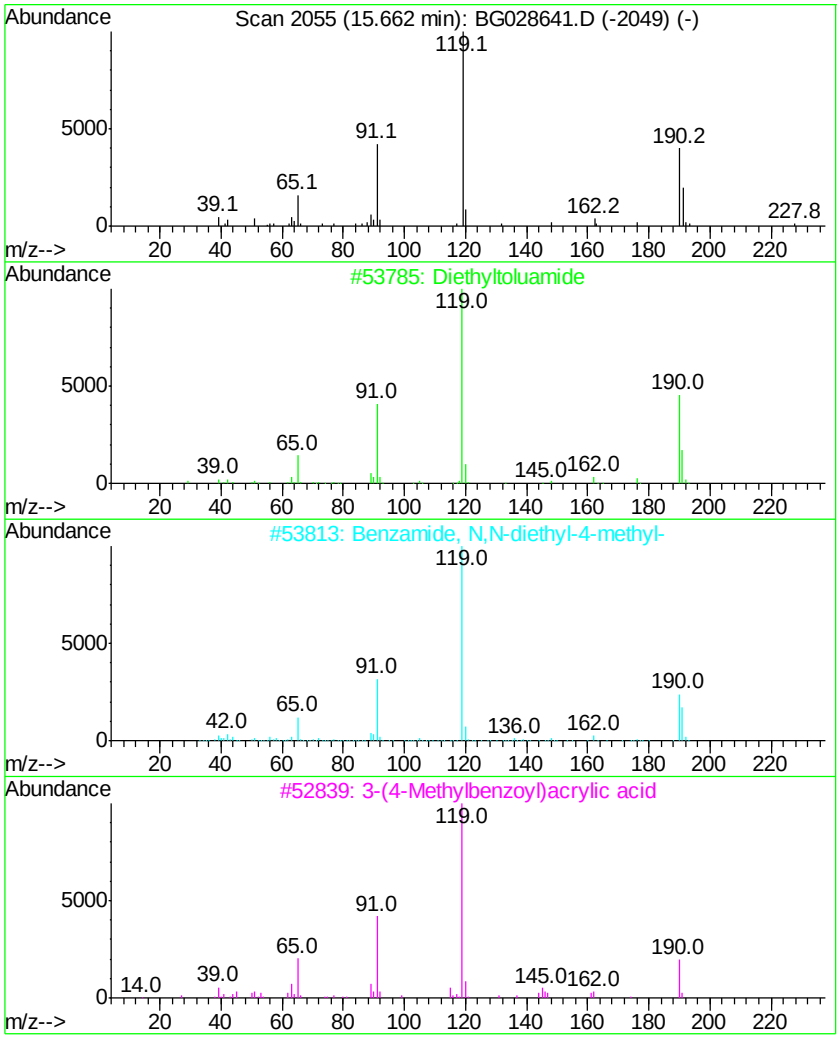
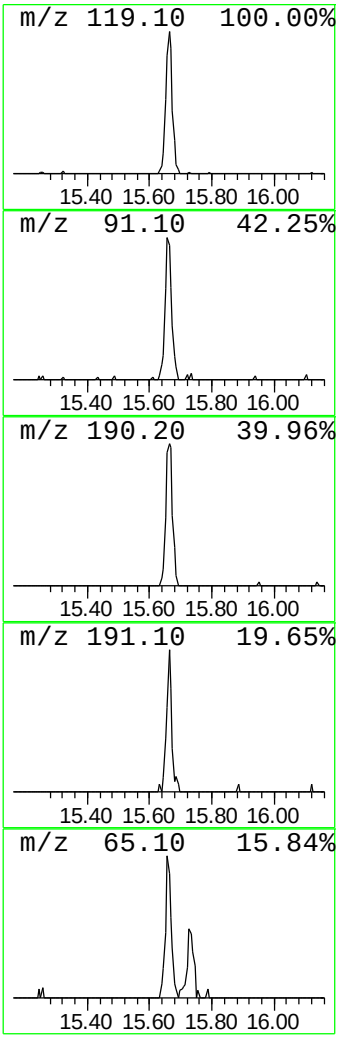
****

Peak Number 4 Diethyltoluamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.22 ng	66595	Acenaphthene-d10	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
3	3-(4-Methylbenzoyl)acrylic acid	190	C11H10O3	020972-36-5	64
4	Benzamide, N-(1,1-dimethylethyl)...	191	C12H17NO	042498-32-8	58
5	m-Toluic acid, 2-butyl ester	192	C12H16O2	005448-57-7	49





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091117\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS123061

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG090717.M
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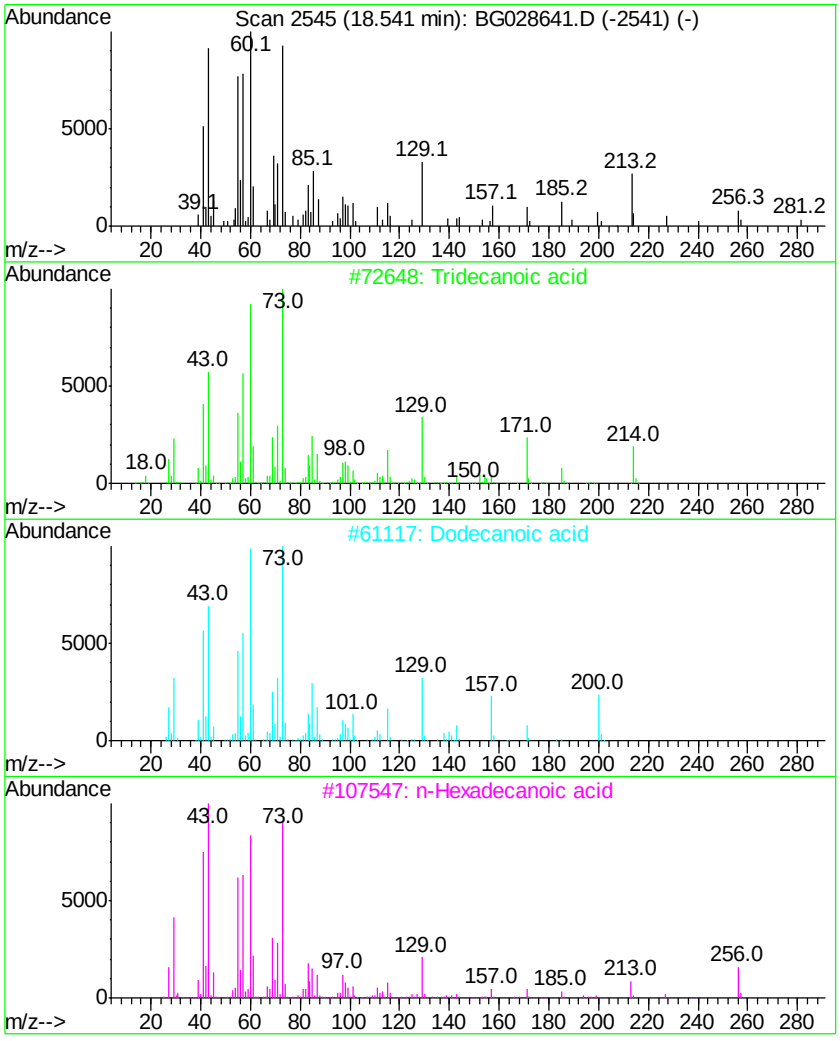
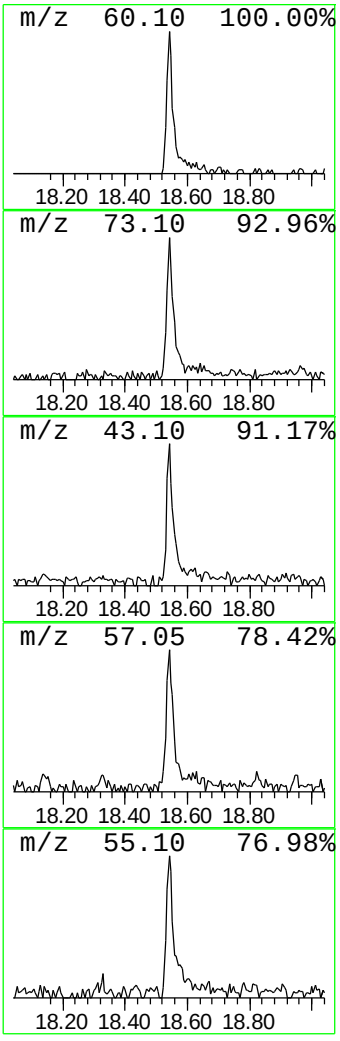
****

Peak Number 5 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	2.65 ng	108597	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	Dodecanoic acid	200	C12H24O2	000143-07-7	72
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





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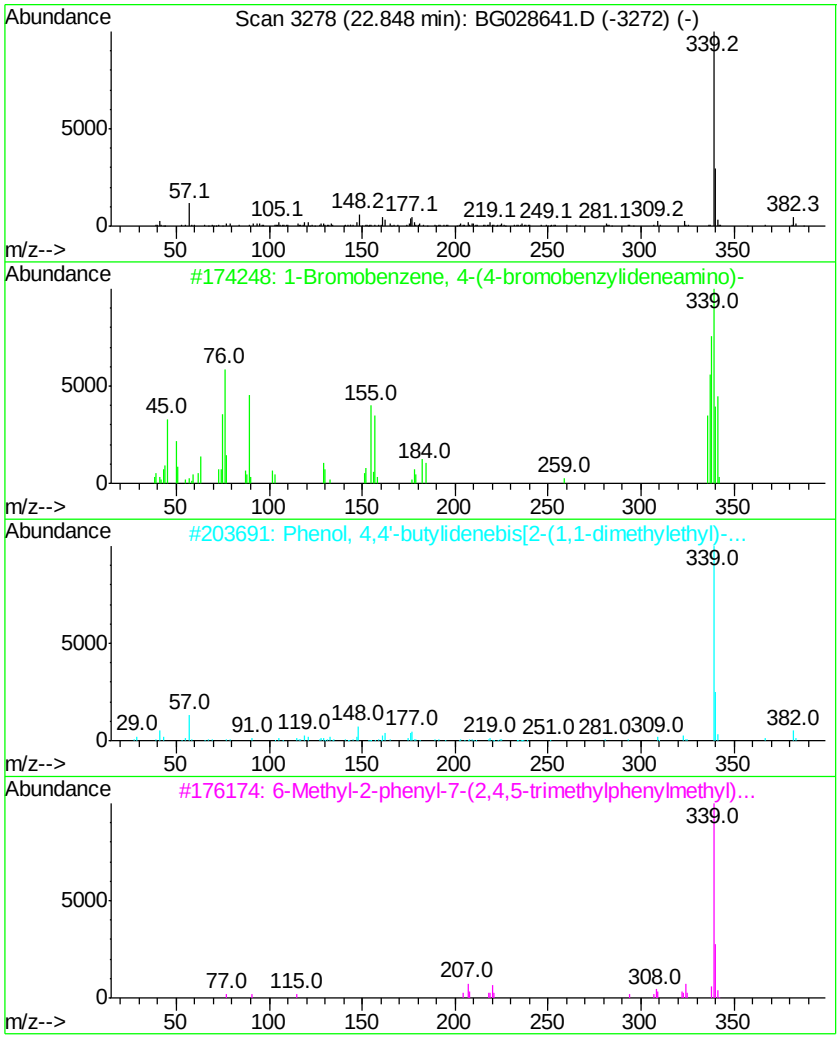
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

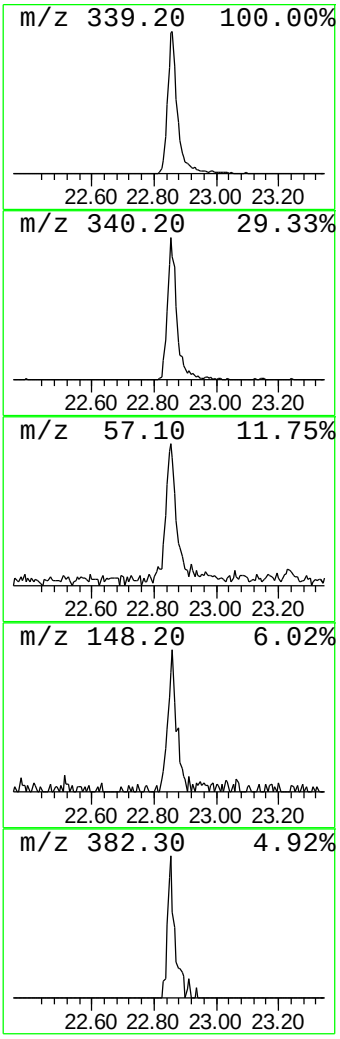
****

Peak Number 6 1-Bromobenzene, 4-(4-bromob... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	7.59 ng	375219	Chrysene-d12	22.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromobenzene, 4-(4-bromobenzyl...	337	C13H9Br2N	1000221-92-9	95
2	Phenol, 4,4'-butylidenebis[2-(1,...	382	C26H38O2	000085-60-9	89
3	6-Methyl-2-phenyl-7-(2,4,5-trime...	339	C25H25N	064002-76-2	72
4	Isoquinoline, 6,7-dimethoxy-1-me...	339	C20H21NO4	102012-79-3	72
5	6-Methyl-2-(4-methylphenyl)-7-(4...	339	C25H25N	080193-45-9	72





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...	5.44	3.3	ng	45259	1	8.34	277074	20.0
unknown7.87	7.87	77.3	ng	1071080	1	8.34	277074	20.0
Diethyltoluamide	15.66	2.2	ng	66595	3	14.95	599110	20.0
Tridecanoic acid	18.54	2.6	ng	108597	4	17.70	818356	20.0
1-Bromobenzene, 4...	22.85	7.6	ng	375219	5	22.03	989334	20.0