LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
Data File : BG039061.D
Acq On : 10 Jan 2019 20:38
Operator : JU/SJ
Sample : K1099-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-15

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.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	5.109	337	344	352	rBV	25685	41225	1.67%	0.372%
2	5.579	416	424	432	rBV	451185	735991	29.79%	6.648%
3	7.189	687	698	709	rBV	482560	870265	35.23%	7.861%
4	7.559	753	761	767	rBV	457024	800435	32.40%	7.230%
5	7.606	767	769	774	rVV	20046	28957	1.17%	0.262%
6	7.659	774	778	785	rVB2	16248	26947	1.09%	0.243%
7	8.029	834	841	847	rBV	70867	126151	5.11%	1.139%
8	8.346	887	895	909	rBV	324724	583875	23.64%	5.274%
9	9.204	1033	1041	1054	rBV	284479	521723	21.12%	4.712%
10	10.843	1312	1320	1326	rBV	94187	176786	7.16%	1.597%
11	13.287	1725	1736	1743	rBV	806924	1243541	50.34%	11.232%
12	14.116	1871	1877	1884	rBV	166303	253042	10.24%	2.286%
13	14.668	1963	1971	1980	rBV2	169259	281715	11.40%	2.545%
14	16.161	2218	2225	2238	rBV	828463	1277466	51.71%	11.539%
15	17.418	2430	2439	2452	rBV	263939	401337	16.25%	3.625%
16	18.282	2580	2586	2594	rBV2	19367	32660	1.32%	0.295%
17	20.021	2876	2882	2889	rBV	1833611	2470261	100.00%	22.313%
18	21.290	3093	3098	3111	rBV2	47620	88054	3.56%	0.795%
19	21.695	3159	3167	3178	rVB2	296469	505448	20.46%	4.565%
20	23.129	3404	3411	3418	rBV2	12958	25978	1.05%	0.235%
21	23.934	3542	3548	3554	rBV2	14337	29390	1.19%	0.265%
22	24.886	3702	3710	3714	rBV2	10200	25368	1.03%	0.229%
23	24.968	3714	3724	3743	rVB2	162893	495442	20.06%	4.475%
24	26.020	3896	3903	3916	rVB6	9059	29091	1.18%	0.263%

Sum of corrected areas: 11071148

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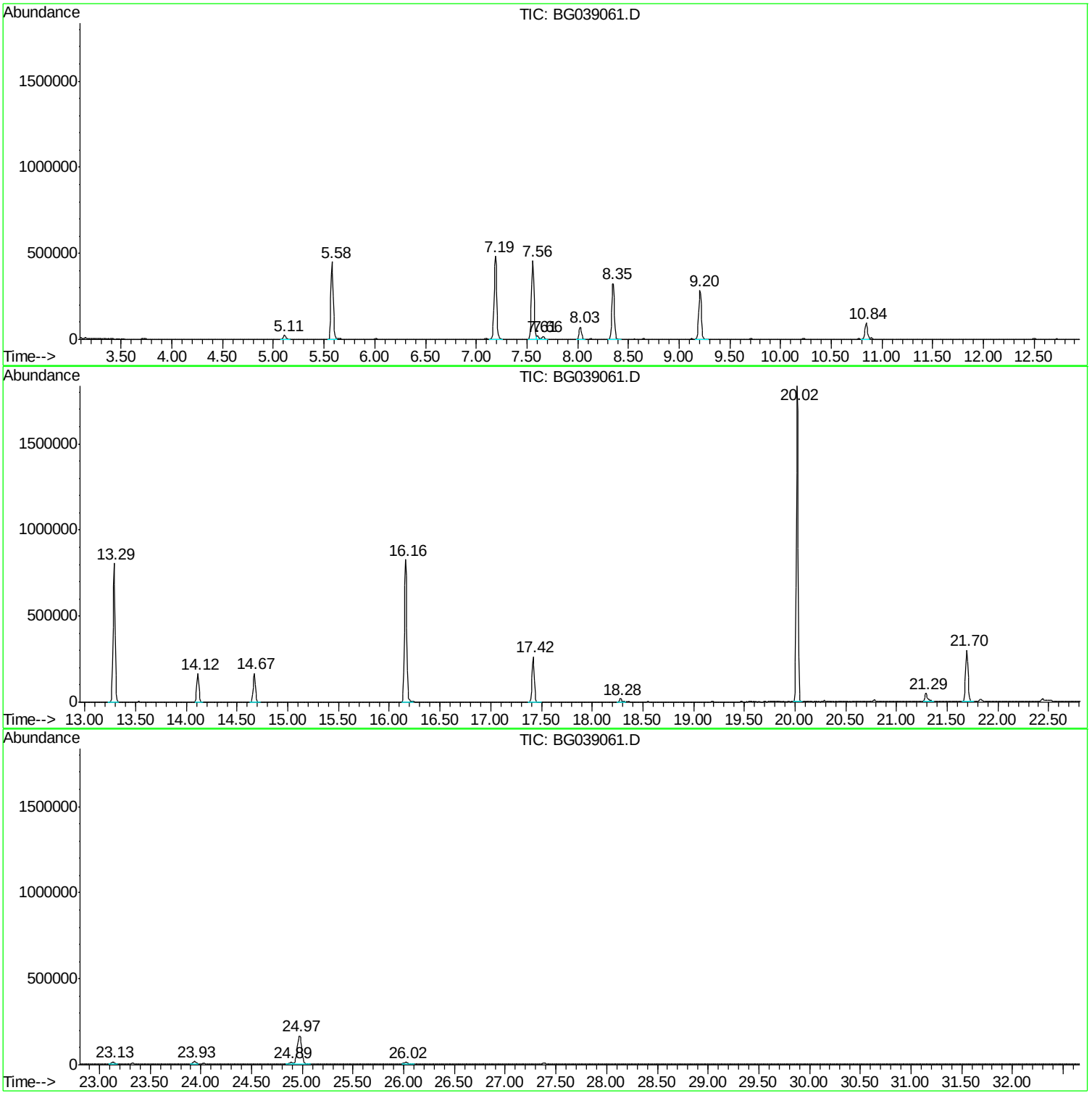
Instrument : BNA_G
ClientSampleId : TP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.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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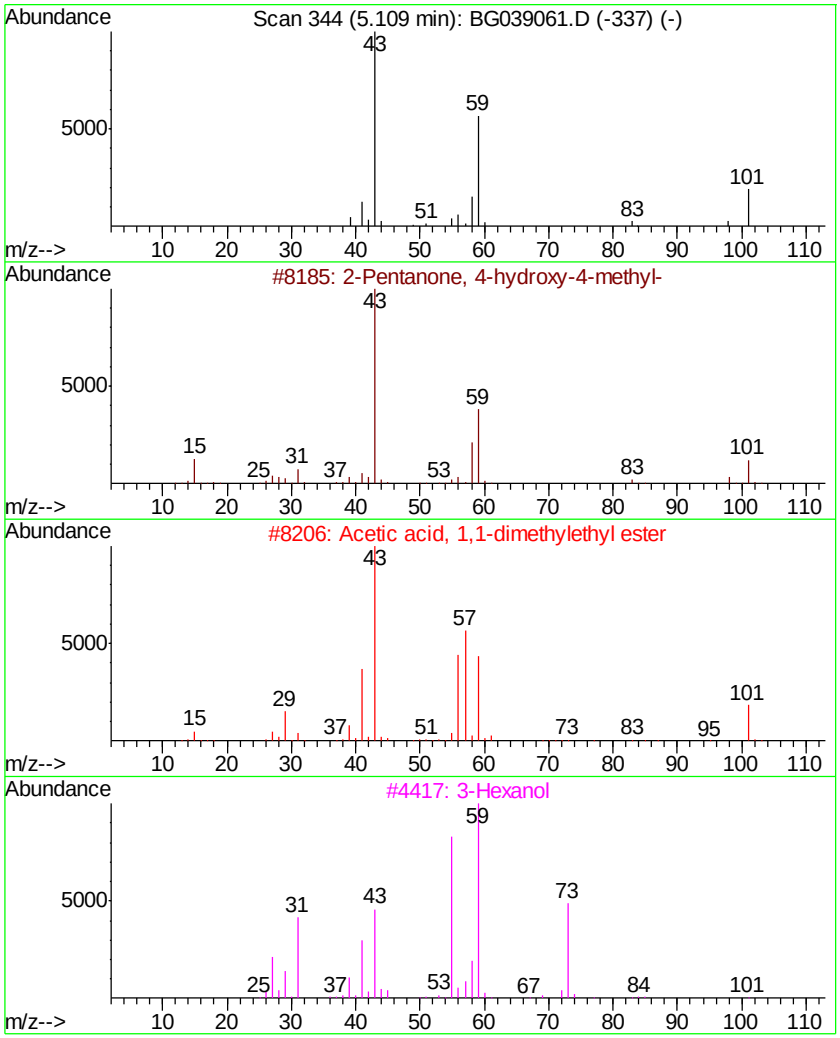
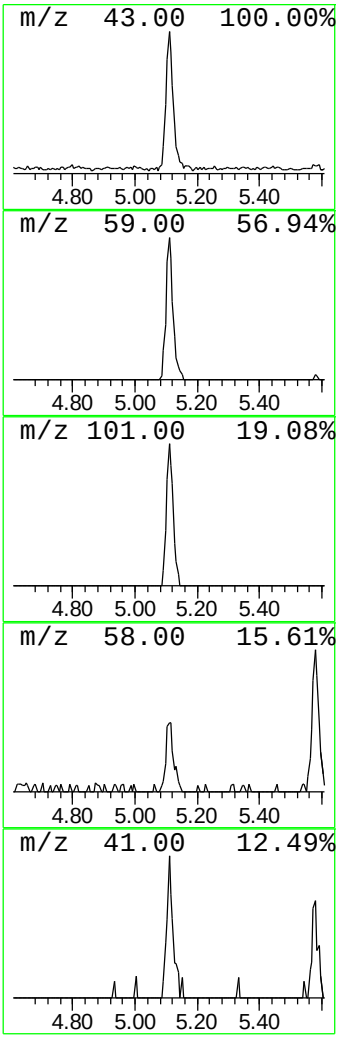
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	6.54 ng	41225	1,4-Dichlorobenzene-d4	8.02

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	3-Hexanol	102	C6H14O	000623-37-0	25
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
5	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9





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ClientSampleId : TP-15

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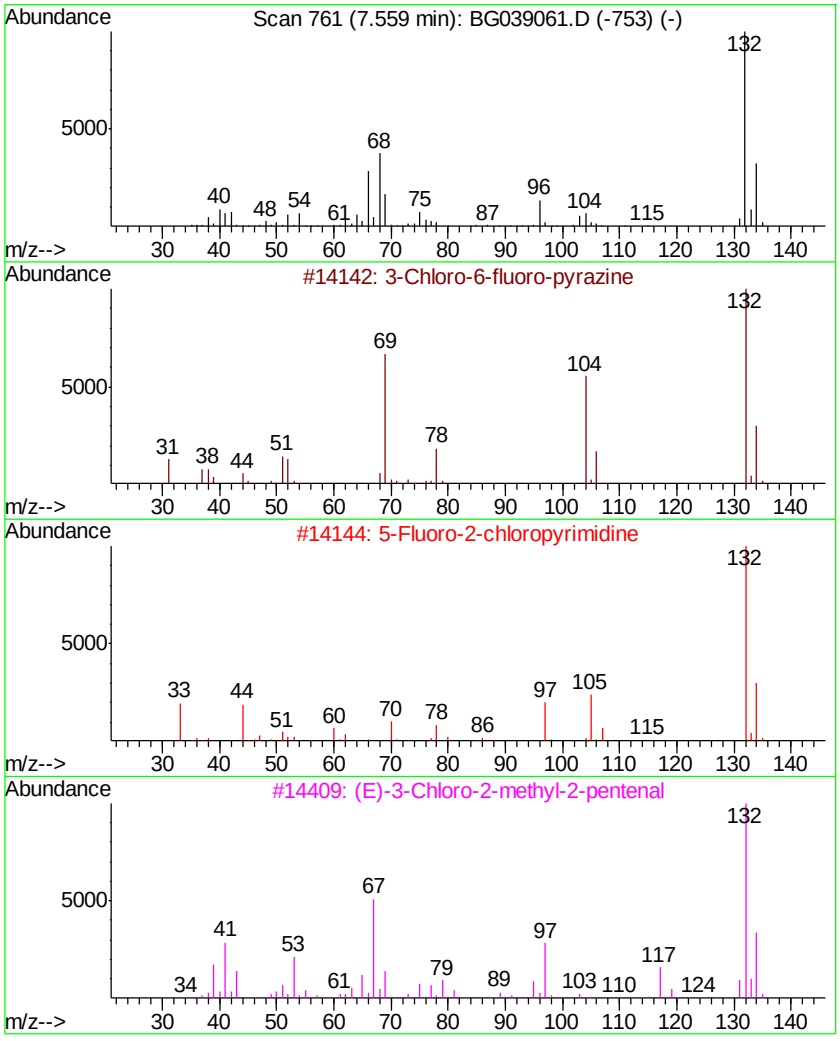
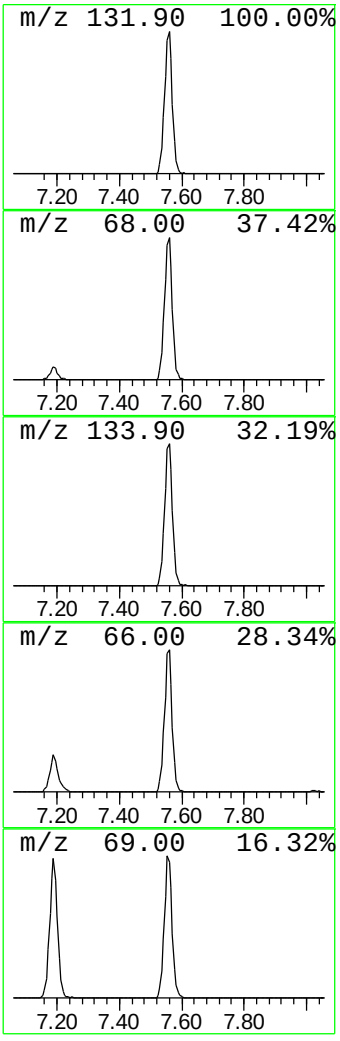
Peak Number 2 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	126.90 ng	800435	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	35
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
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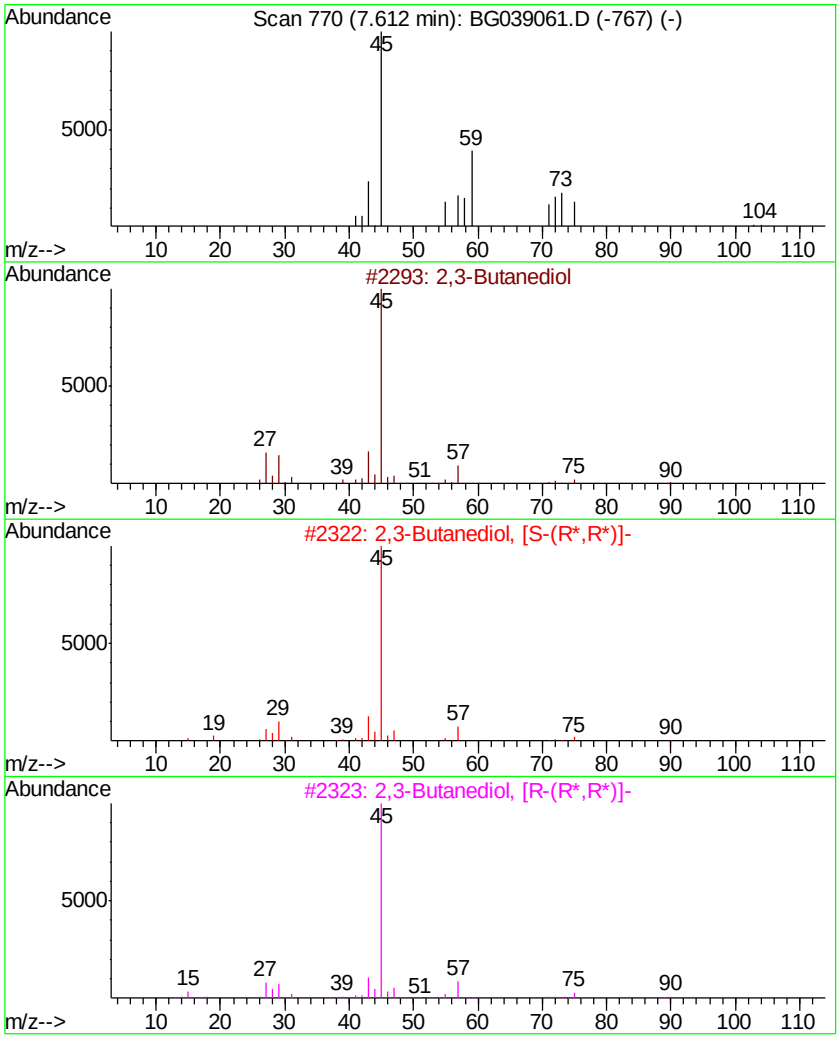
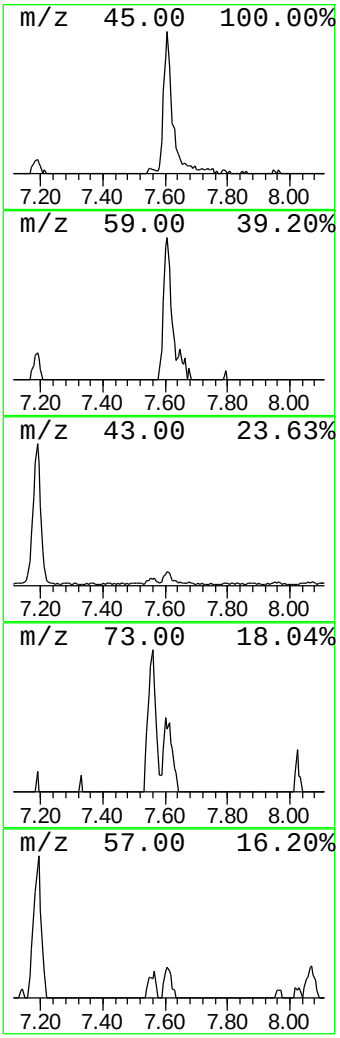
Peak Number 3 2,3-Butanediol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	4.59 ng	28957	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Butanediol	90	C4H10O2	000513-85-9	50
2	2,3-Butanediol, [S-(R*,R*)]-	90	C4H10O2	019132-06-0	38
3	2,3-Butanediol, [R-(R*,R*)]-	90	C4H10O2	024347-58-8	28
4	Propanoic acid, 2-(methoxymethoxy)-	134	C5H10O4	081327-29-9	28
5	Carbonic acid, ethyl-, methyl ester	104	C4H8O3	000623-53-0	9





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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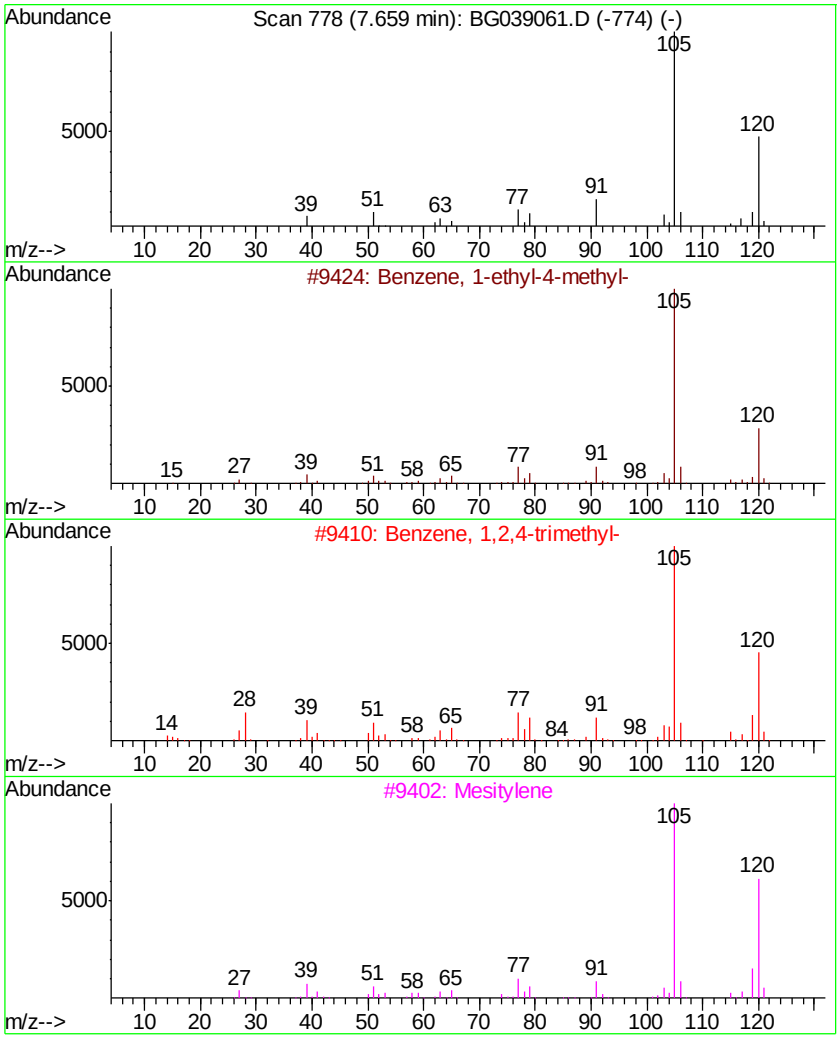
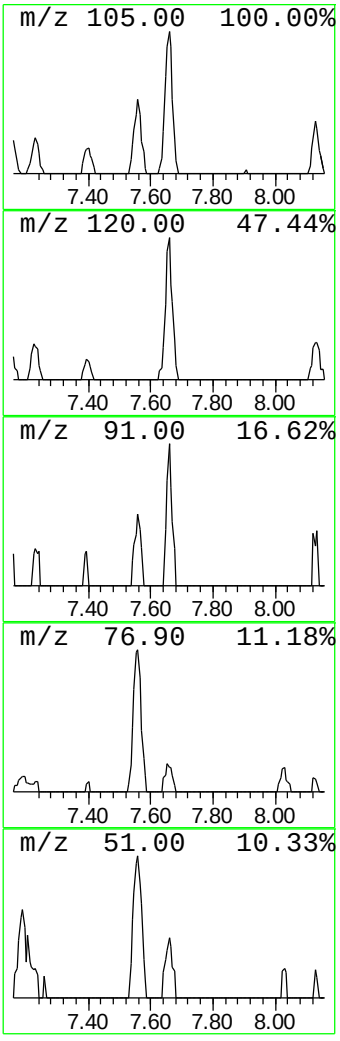
Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	4.27 ng	26947	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

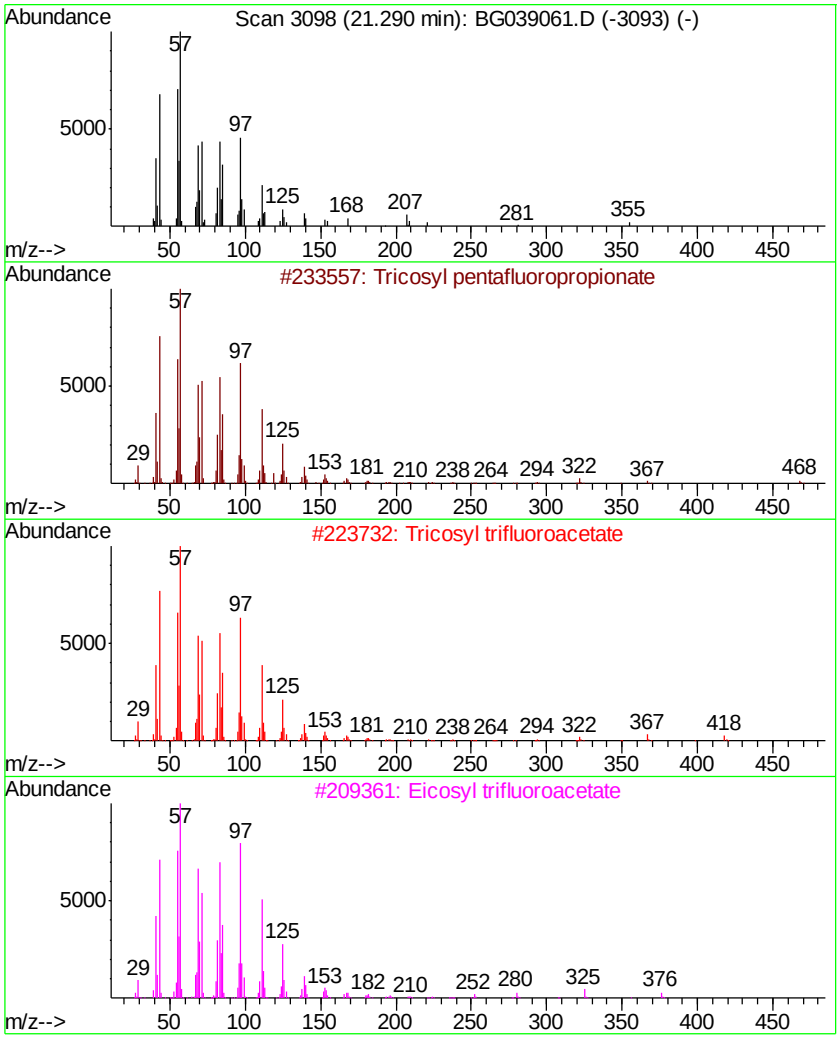
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

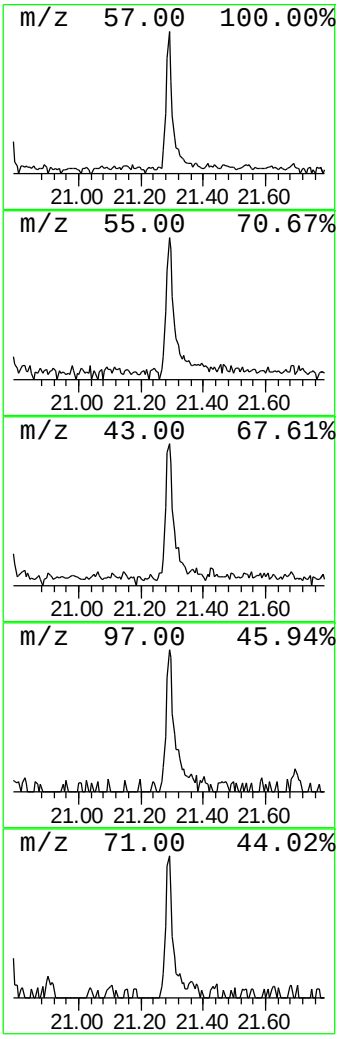
****

Peak Number 6 Tricosyl pentafluoropropionate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	3.48 ng	88054	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	91
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
3	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
4	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87





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...	5.11	6.5	ng	41225	1	8.02	126151	20.0
unknown7.56	7.56	126.9	ng	800435	1	8.02	126151	20.0
2,3-Butanediol	7.61	4.6	ng	28957	1	8.02	126151	20.0
Benzene, 1-ethyl-...	7.66	4.3	ng	26947	1	8.02	126151	20.0
Tricosyl pentaflu...	21.29	3.5	ng	88054	5	21.70	505448	20.0