LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
Data File : BG041168.D
Acq On : 10 Jun 2019 18:16
Operator : HP/JU
Sample : K3214-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2A

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-BG052919.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	3.185	12	16	24	rVB	175619	260623	6.36%	1.386%
2	5.641	428	434	446	rBV	424630	707594	17.27%	3.762%
3	7.251	700	708	719	rBV	295599	517473	12.63%	2.751%
4	7.580	759	764	767	rBV	36390	57717	1.41%	0.307%
5	7.632	767	773	788	rVB	836583	1476012	36.02%	7.848%
6	8.108	847	854	866	rVB	178601	315340	7.70%	1.677%
7	8.431	901	909	916	rBV	745047	1292515	31.54%	6.872%
8	9.283	1045	1054	1063	rBV	667400	1217831	29.72%	6.475%
9	10.929	1323	1334	1340	rBV	244626	450936	11.00%	2.398%
10	12.791	1640	1651	1659	rBV3	36207	71304	1.74%	0.379%
11	13.361	1740	1748	1764	rBV	1843481	2842381	69.36%	15.113%
12	13.567	1778	1783	1792	rVB	33920	69936	1.71%	0.372%
13	14.736	1975	1982	1989	rBV2	395222	629661	15.37%	3.348%
14	16.222	2229	2235	2246	rBV	1510299	2317363	56.55%	12.321%
15	16.763	2320	2327	2333	rBV8	20890	46116	1.13%	0.245%
16	17.480	2443	2449	2457	rBV2	510575	788616	19.24%	4.193%
17	20.077	2885	2891	2901	rBV	3066974	4097850	100.00%	21.788%
18	21.757	3171	3177	3191	rVB	531859	967580	23.61%	5.145%
19	25.088	3735	3744	3757	rVB2	229613	680757	16.61%	3.620%

Sum of corrected areas: 18807605

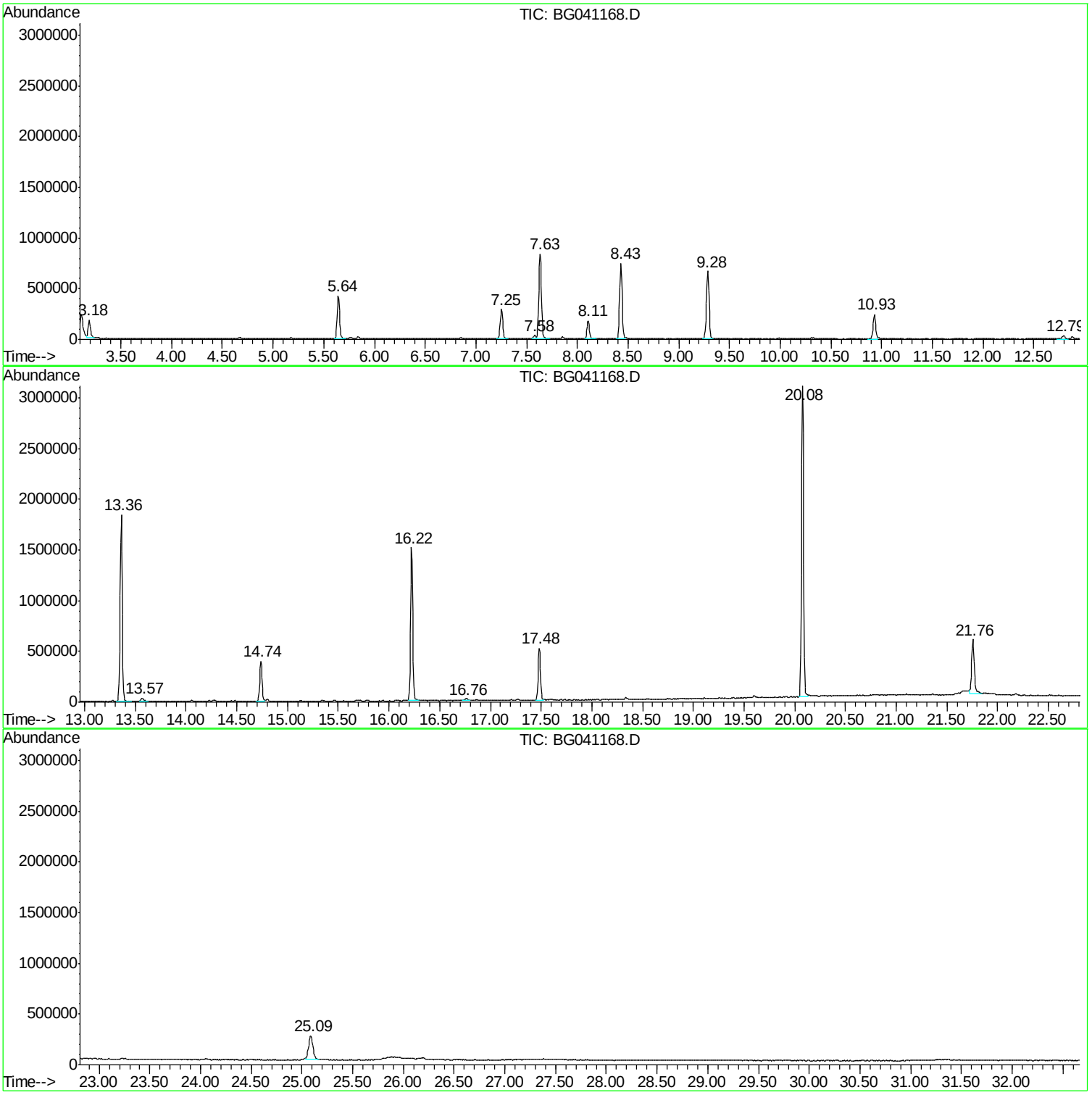
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
Data File : BG041168.D
Acq On : 10 Jun 2019 18:16
Operator : HP/JU
Sample : K3214-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
Data File : BG041168.D
Acq On : 10 Jun 2019 18:16
Operator : HP/JU
Sample : K3214-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

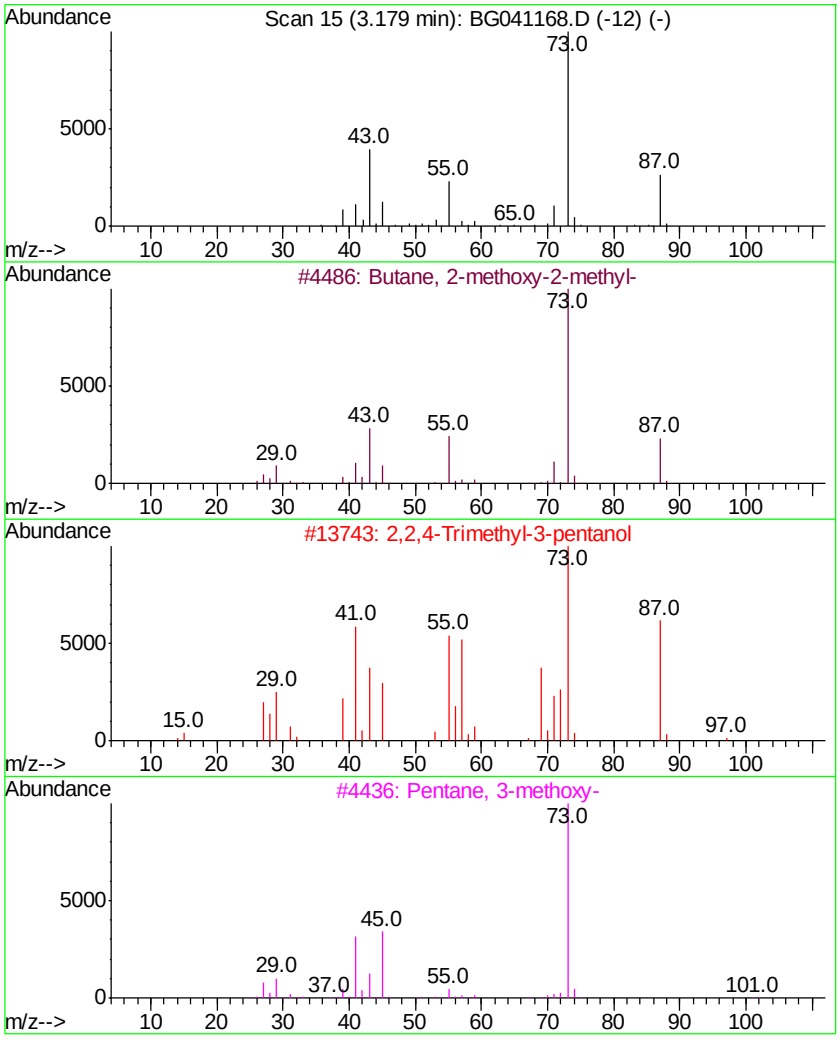
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

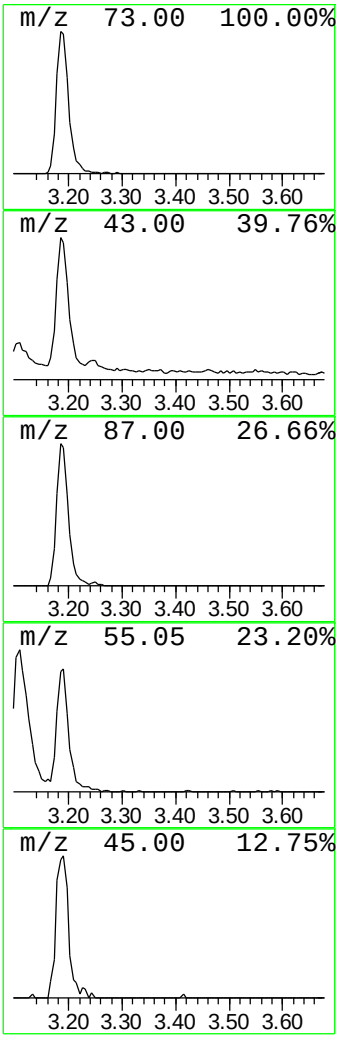
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	16.53 ng	260623	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
Data File : BG041168.D
Acq On : 10 Jun 2019 18:16
Operator : HP/JU
Sample : K3214-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

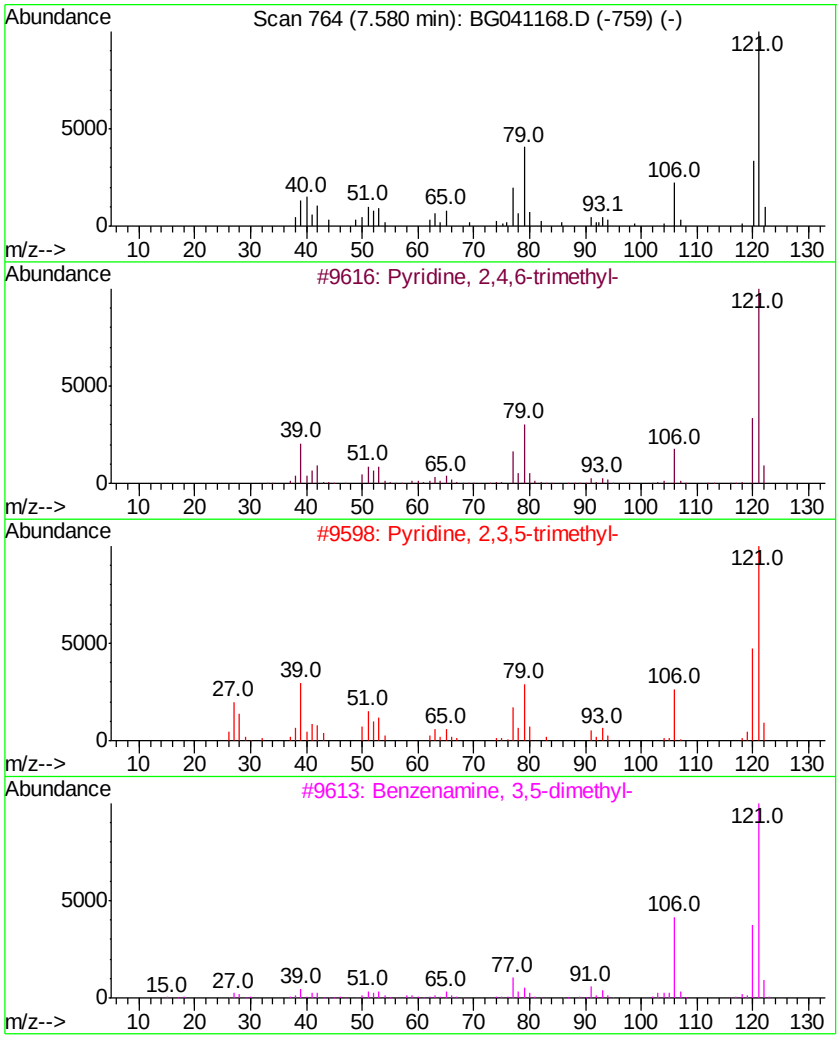
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

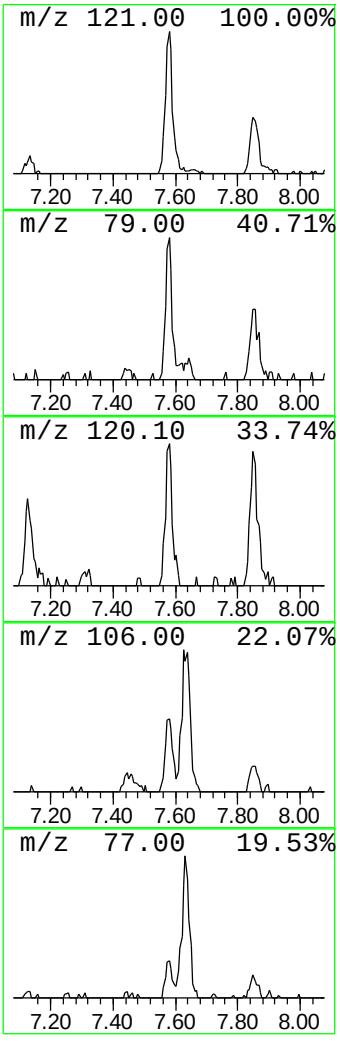
****

Peak Number 2 Pyridine, 2,4,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	3.66 ng	57717	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,4,6-trimethyl-	121	C8H11N	000108-75-8	94
2	Pyridine, 2,3,5-trimethyl-	121	C8H11N	000695-98-7	87
3	Benzenamine, 3,5-dimethyl-	121	C8H11N	000108-69-0	70
4	Benzenamine, 2,3-dimethyl-	121	C8H11N	000087-59-2	62
5	Benzenamine, 2,5-dimethyl-	121	C8H11N	000095-78-3	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
Data File : BG041168.D
Acq On : 10 Jun 2019 18:16
Operator : HP/JU
Sample : K3214-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

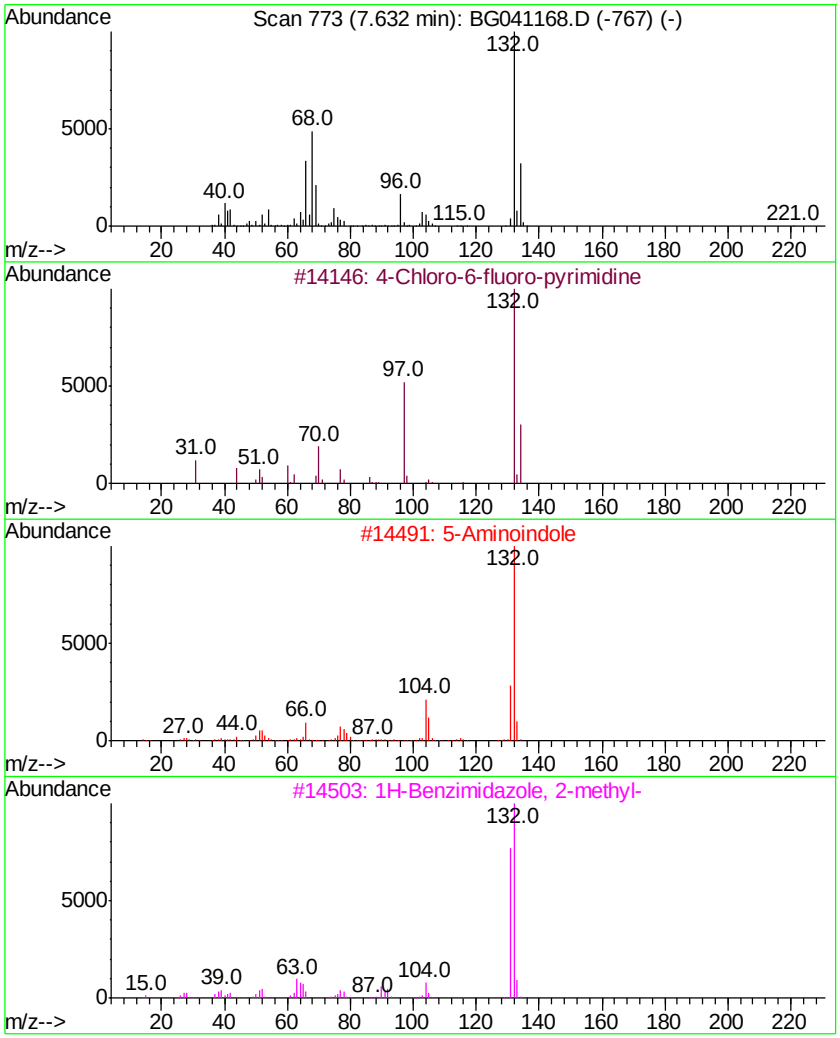
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

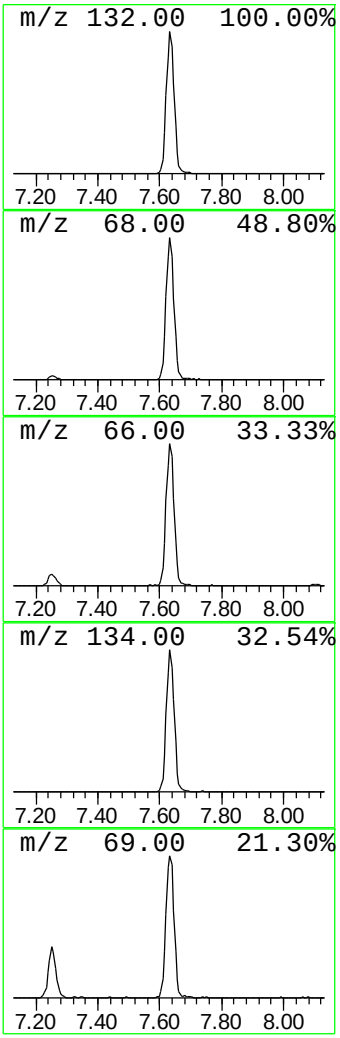
****

Peak Number 3 unknown7.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	93.61 ng	1476010	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13





Library Search Compound Report

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Operator : HP/JU
Sample : K3214-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

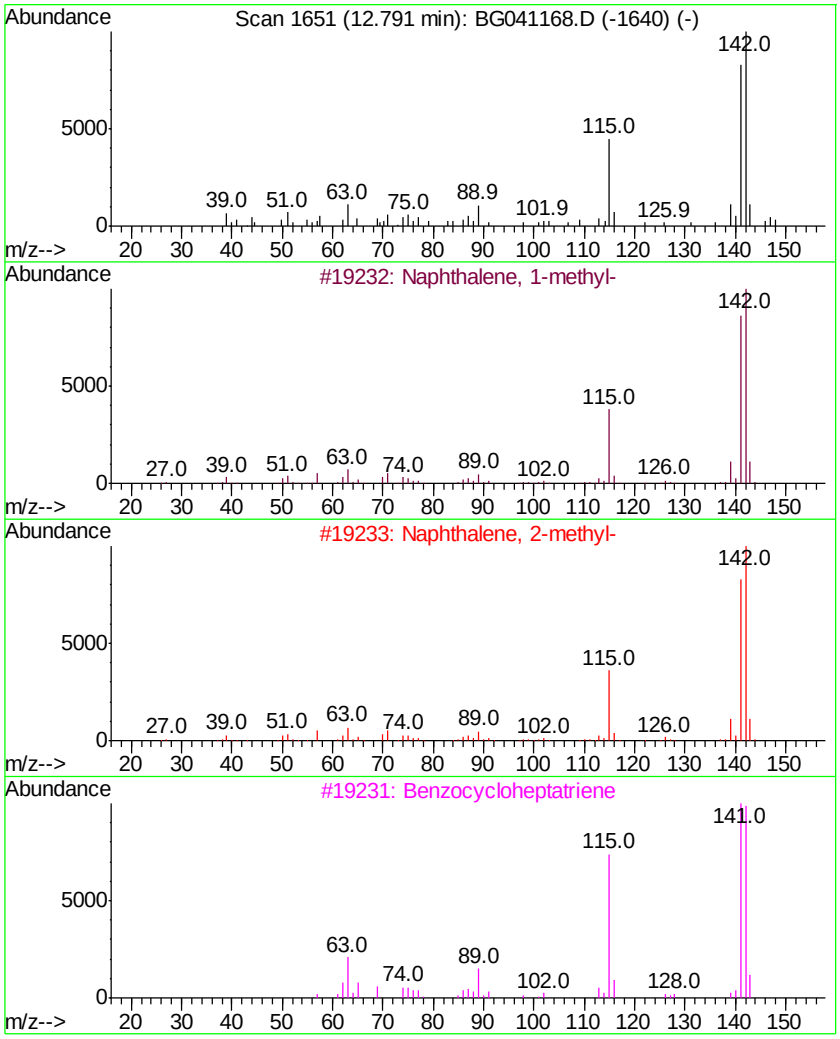
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

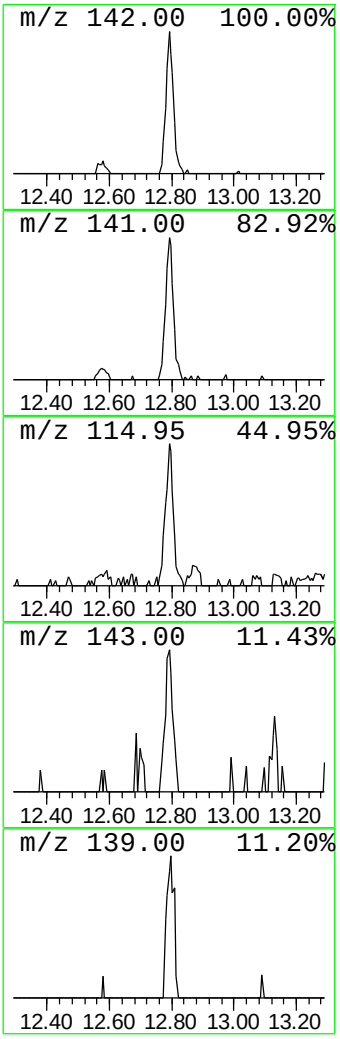
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	3.16 ng	71304	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
Data File : BG041168.D
Acq On : 10 Jun 2019 18:16
Operator : HP/JU
Sample : K3214-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

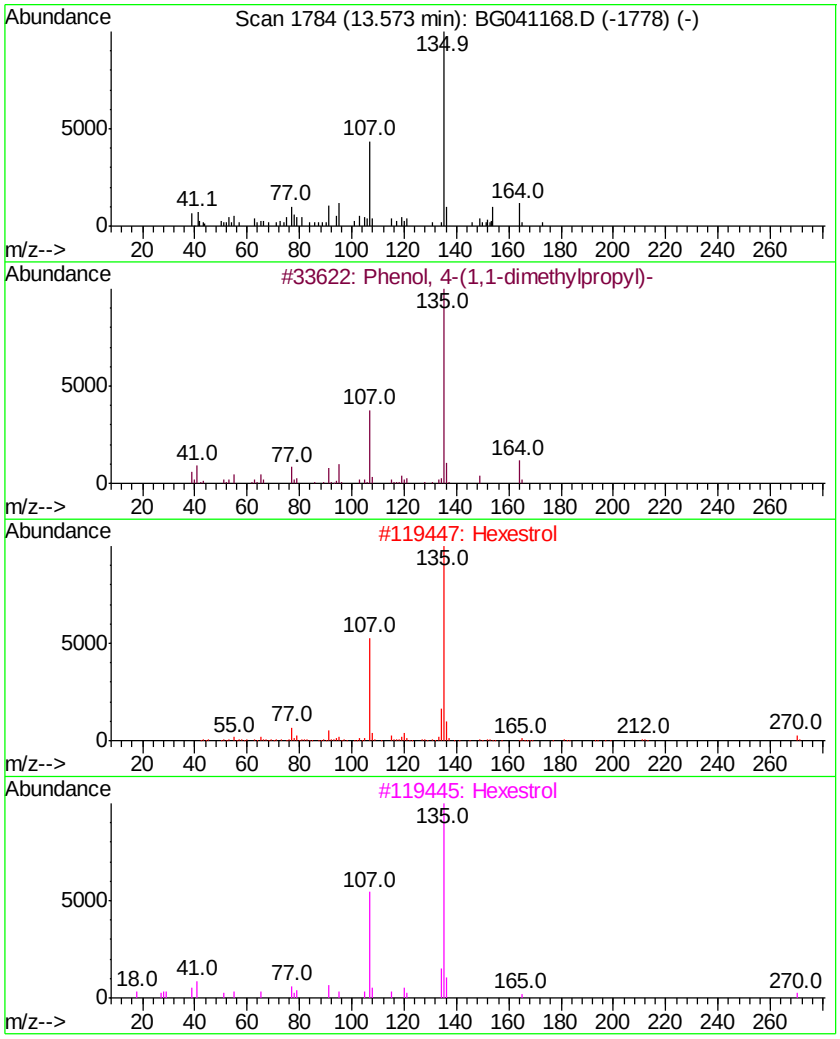
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

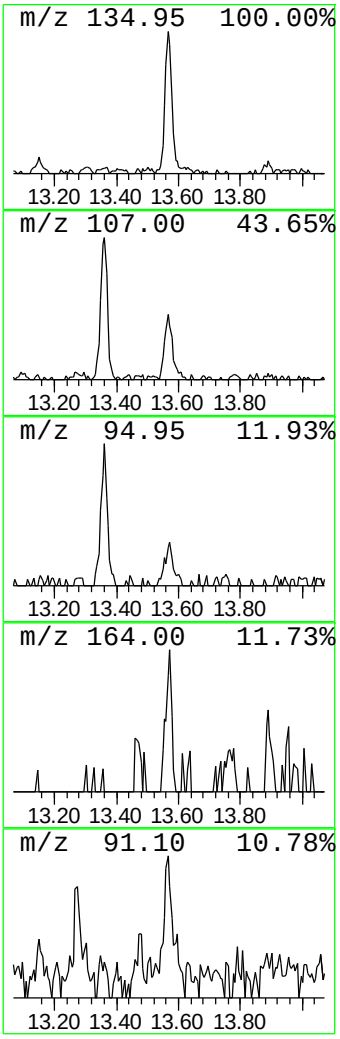
****

Peak Number 6 Phenol, 4-(1,1-dimethylprop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	2.22 ng	69936	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	90
2	Hexestrol	270	C18H22O2	000084-16-2	64
3	Hexestrol	270	C18H22O2	005635-50-7	64
4	4-n-Propylbenzoic acid	164	C10H12O2	002438-05-3	64
5	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
Data File : BG041168.D
Acq On : 10 Jun 2019 18:16
Operator : HP/JU
Sample : K3214-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.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...	3.18	16.5	ng	260623	1	8.11	315340	20.0
Pyridine, 2,4,6-t...	7.58	3.7	ng	57717	1	8.11	315340	20.0
unknown7.63	7.63	93.6	ng	1476010	1	8.11	315340	20.0
Naphthalene, 1-me...	12.79	3.2	ng	71304	2	10.93	450936	20.0
Phenol, 4-(1,1-di...	13.57	2.2	ng	69936	3	14.74	629661	20.0