LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042374.D
Acq On : 21 Aug 2019 1:43
Operator : HP/JU
Sample : K4404-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T1-L-(0-2.5)

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-BG081919.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	3.134	3	8	27	rVB	505162	1008605	41.05%	5.406%
2	5.573	416	423	439	rBV	677005	1164515	47.39%	6.241%
3	7.182	687	697	712	rBV	703385	1344796	54.73%	7.208%
4	7.294	712	716	725	rVB	16654	36056	1.47%	0.193%
5	7.547	751	759	772	rBV	782509	1391429	56.63%	7.458%
6	8.011	831	838	847	rBV	212058	358062	14.57%	1.919%
7	8.340	885	894	902	rBV	610462	1087984	44.28%	5.831%
8	9.180	1029	1037	1048	rBV	414023	784123	31.91%	4.203%
9	10.831	1309	1318	1333	rBV	264695	514242	20.93%	2.756%
10	13.287	1729	1736	1752	rBV	1236164	1959078	79.73%	10.500%
11	14.116	1871	1877	1885	rBV	107543	174526	7.10%	0.935%
12	14.668	1962	1971	1978	rBV	466564	747511	30.42%	4.006%
13	14.732	1978	1982	1988	rVB	26549	41200	1.68%	0.221%
14	15.067	2034	2039	2048	rVB3	14095	30570	1.24%	0.164%
15	15.720	2143	2150	2159	rBV2	24702	54948	2.24%	0.295%
16	16.013	2197	2200	2209	rVB2	13159	26471	1.08%	0.142%
17	16.160	2219	2225	2240	rBV	923811	1675412	68.18%	8.980%
18	17.423	2434	2440	2443	rBV	536138	807793	32.87%	4.329%
19	17.465	2443	2447	2453	rVB	310006	458856	18.67%	2.459%
20	17.553	2458	2462	2468	rVB	55118	92896	3.78%	0.498%
21	18.305	2586	2590	2594	rBV	34925	56513	2.30%	0.303%
22	18.346	2594	2597	2606	rVB	53286	83092	3.38%	0.445%
23	18.493	2618	2622	2626	rBV3	47286	79535	3.24%	0.426%
24	19.474	2784	2789	2794	rBV	426623	600124	24.42%	3.216%
25	19.838	2847	2851	2856	rVB	358447	499149	20.31%	2.675%
26	20.032	2879	2884	2889	rBV	1887340	2457203	100.00%	13.170%
27	21.695	3161	3167	3172	rBV3	571009	1123208	45.71%	6.020%

Sum of corrected areas: 18657897

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
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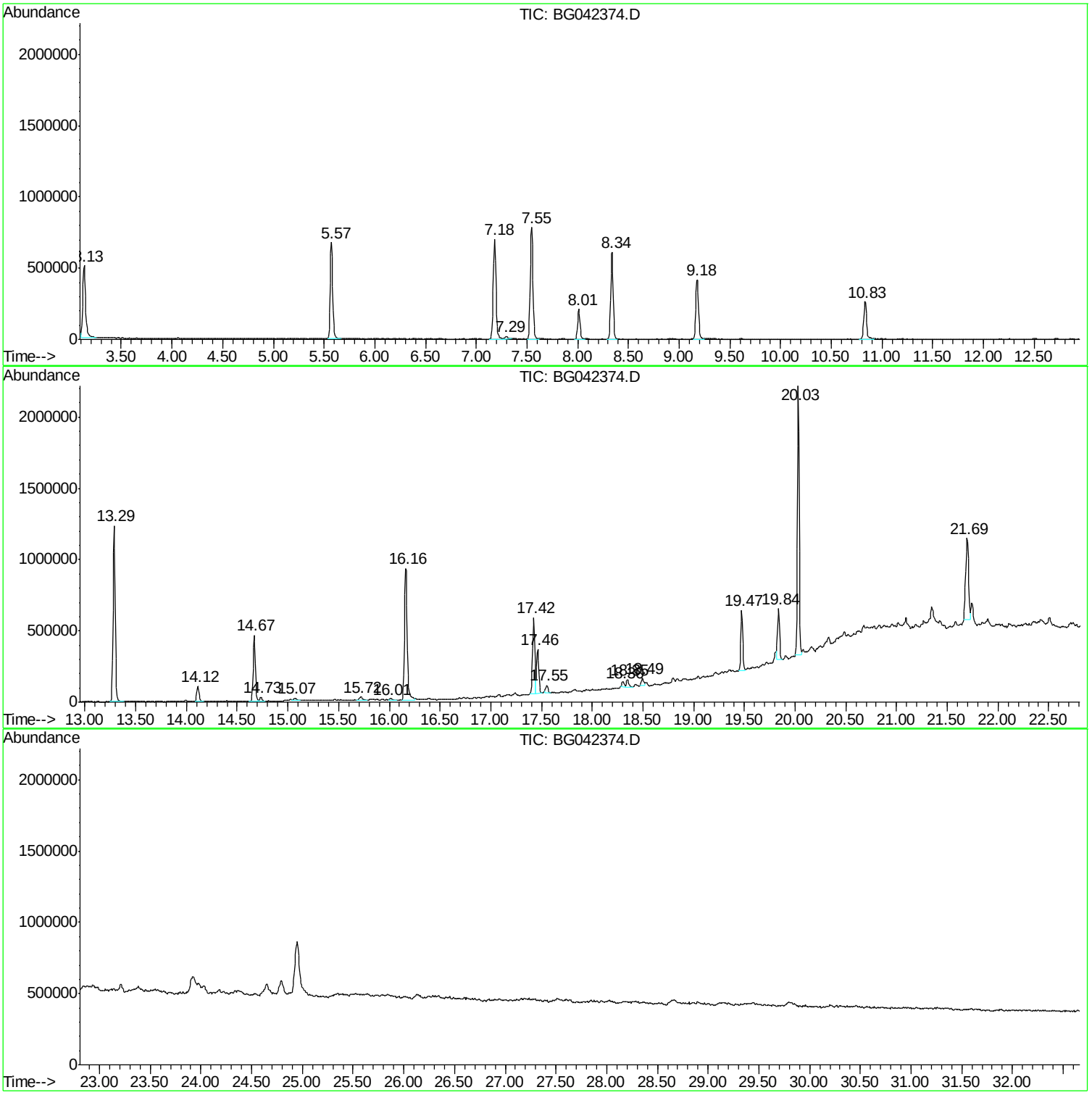
Operator : HP/JU
Sample : K4404-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T1-L-(0-2.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042374.D
Acq On : 21 Aug 2019 1:43
Operator : HP/JU
Sample : K4404-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T1-L-(0-2.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.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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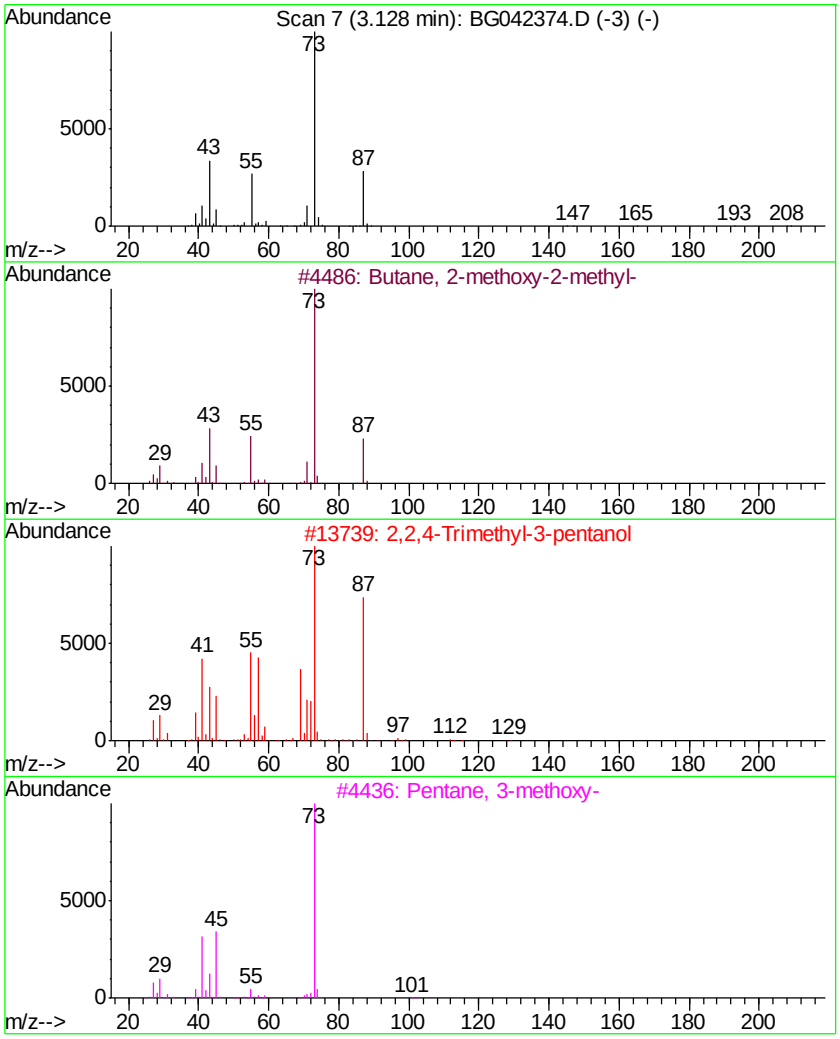
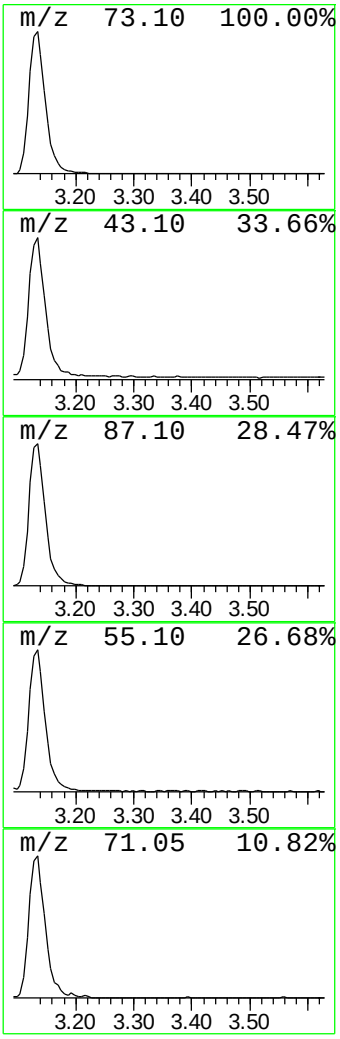
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	56.34 ng	1008610	1,4-Dichlorobenzene-d4	8.01

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	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042374.D
Acq On : 21 Aug 2019 1:43
Operator : HP/JU
Sample : K4404-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T1-L-(0-2.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.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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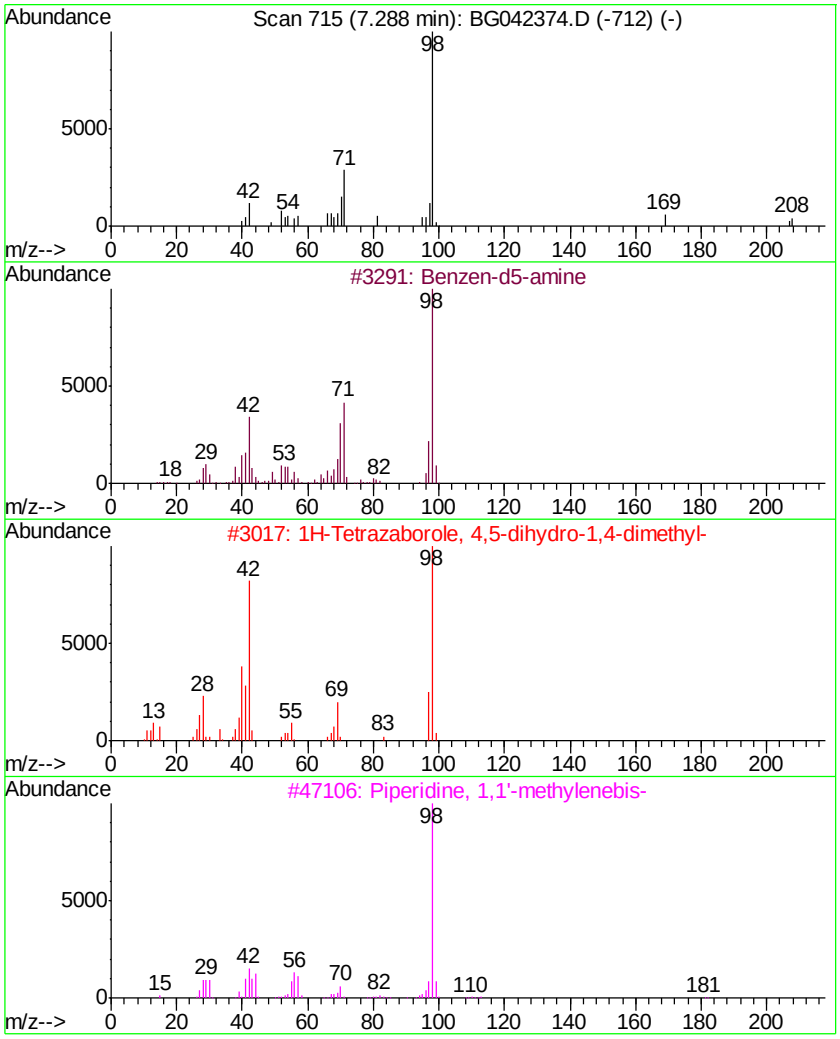
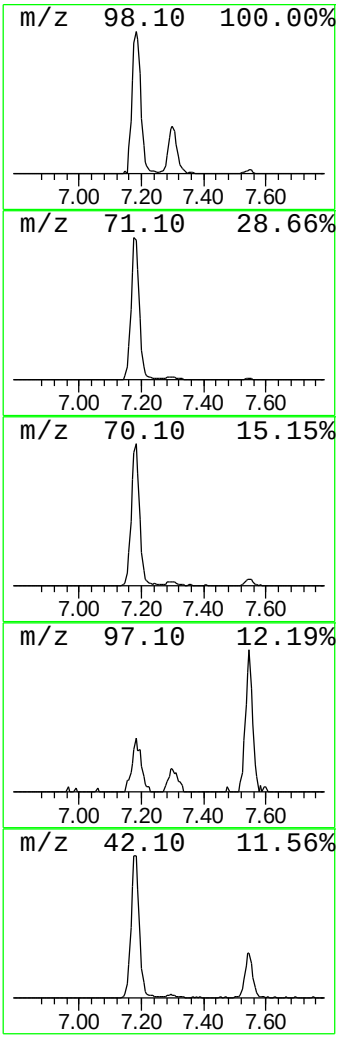
Peak Number 2 Benzen-d5-amine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	2.01 ng	36056	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzen-d5-amine	98	C6H2D5N	004165-61-1	72
2	1H-Tetrazaborole, 4,5-dihydro-1,...	98	C2H7BN4	006982-51-0	43
3	Piperidine, 1,1'-methylenebis-	182	C11H22N2	000880-09-1	42
4	2-Dodecylcyclobutanone	238	C16H30O	035493-46-0	38
5	Cyclohexanone, 2-propyl-	140	C9H16O	000094-65-5	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042374.D
Acq On : 21 Aug 2019 1:43
Operator : HP/JU
Sample : K4404-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T1-L-(0-2.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.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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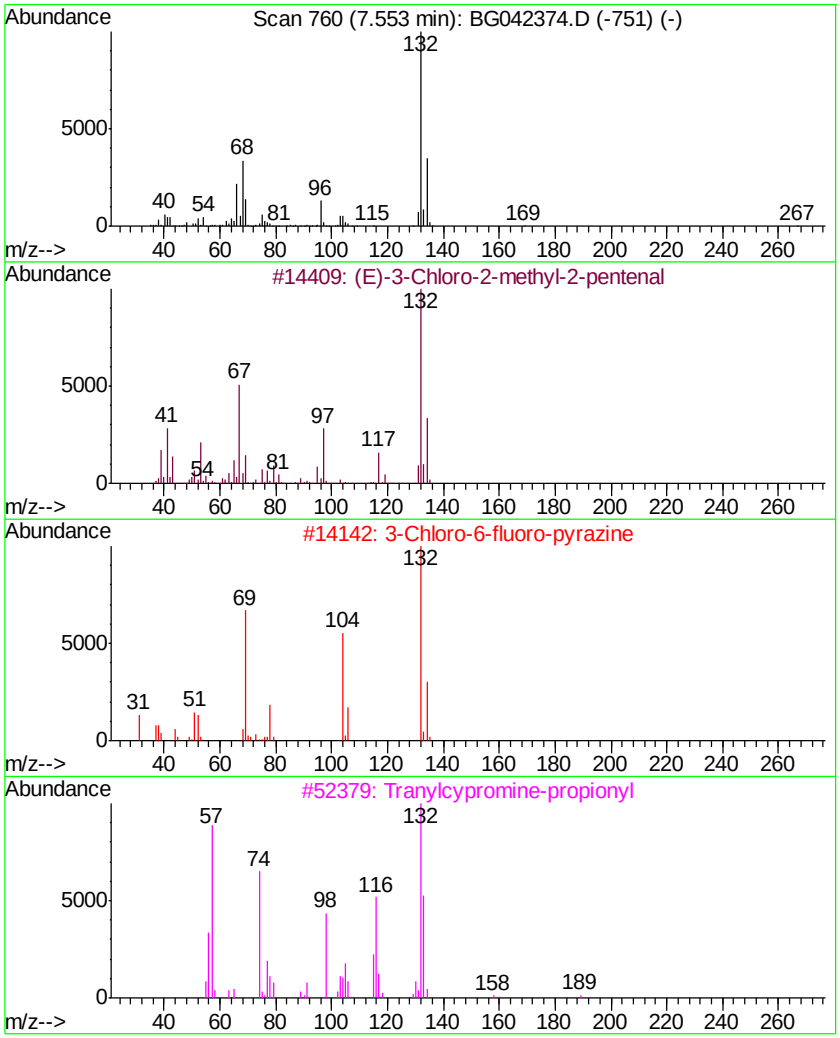
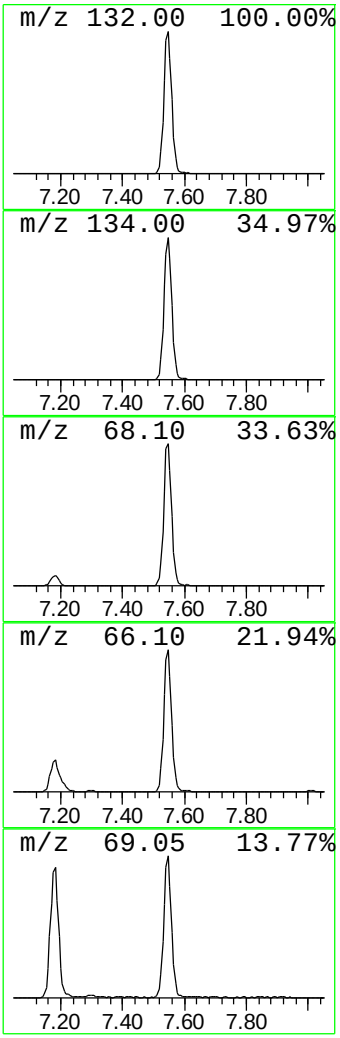
Peak Number 3 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	77.72 ng	1391430	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Acq On : 21 Aug 2019 1:43
Operator : HP/JU
Sample : K4404-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T1-L-(0-2.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.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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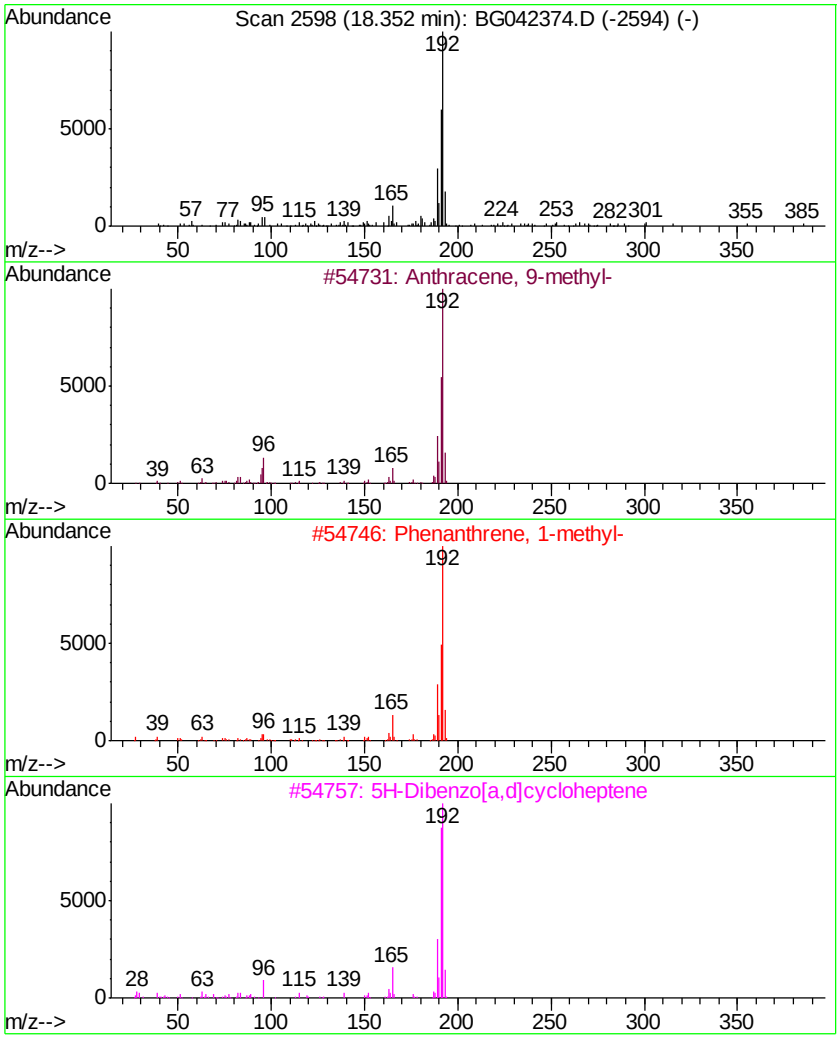
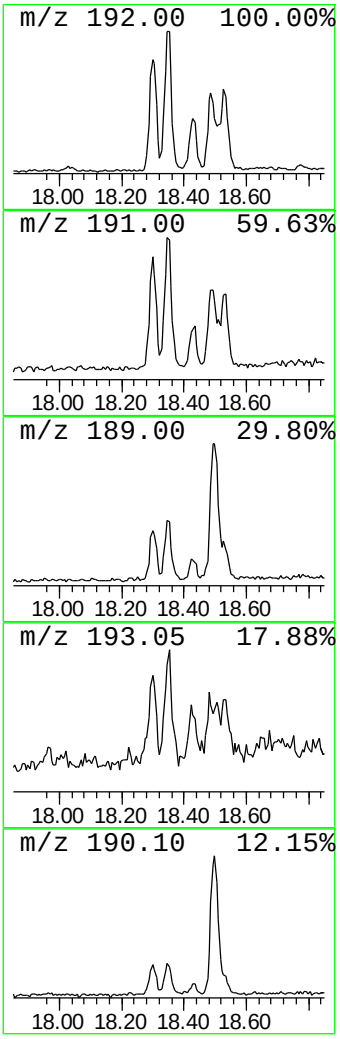
Peak Number 5 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.06 ng	83092	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082019\
Data File : BG042374.D
Acq On : 21 Aug 2019 1:43
Operator : HP/JU
Sample : K4404-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T1-L-(0-2.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.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...	3.13	56.3	ng	1008610	1	8.01	358062	20.0
Benzen-d5-amine	7.29	2.0	ng	36056	1	8.01	358062	20.0
unknown7.55	7.55	77.7	ng	1391430	1	8.01	358062	20.0
Anthracene, 9-met...	18.35	2.1	ng	83092	4	17.42	807793	20.0