LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041051.D
Acq On : 4 Jun 2019 1:45
Operator : HP/JU
Sample : K2641-17 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-053119-C

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	3.130	3	7	16	rVV2	65409	136497	11.21%	1.121%
2	3.212	16	21	30	rVB	106261	188450	15.48%	1.547%
3	5.662	430	438	450	rBV	359080	613441	50.38%	5.036%
4	7.266	704	711	722	rBV	396704	713674	58.61%	5.859%
5	7.654	768	777	787	rBV	382915	699537	57.45%	5.743%
6	8.130	851	858	866	rBV	277703	488398	40.11%	4.010%
7	8.453	904	913	920	rBV	300683	532112	43.70%	4.368%
8	9.305	1049	1058	1067	rBV	245700	456280	37.47%	3.746%
9	10.950	1330	1338	1346	rBV	359575	658373	54.07%	5.405%
10	12.813	1651	1655	1663	rVB4	11323	20841	1.71%	0.171%
11	13.377	1744	1751	1759	rBV	616041	949383	77.96%	7.794%
12	13.541	1771	1779	1785	rBV	9770	26237	2.15%	0.215%
13	13.929	1839	1845	1851	rBV9	10754	24544	2.02%	0.201%
14	14.076	1864	1870	1875	rBV5	17436	34110	2.80%	0.280%
15	14.164	1881	1885	1887	rBV2	31675	42931	3.53%	0.352%
16	14.199	1887	1891	1896	rVB	61469	88250	7.25%	0.724%
17	14.481	1934	1939	1945	rBV4	33891	60470	4.97%	0.496%
18	14.569	1951	1954	1959	rVB3	25808	40705	3.34%	0.334%
19	14.722	1975	1980	1981	rBV5	13786	18729	1.54%	0.154%
20	14.757	1981	1986	1993	rVV2	520024	849258	69.74%	6.972%
21	14.822	1993	1997	2002	rVB2	28707	48695	4.00%	0.400%
22	14.963	2015	2021	2027	rBV2	10598	24315	2.00%	0.200%
23	15.145	2050	2052	2058	rVB4	17086	25075	2.06%	0.206%
24	15.321	2077	2082	2085	rBV6	16709	19367	1.59%	0.159%
25	15.363	2085	2089	2092	rBV6	13952	20248	1.66%	0.166%
26	15.527	2113	2117	2120	rBV6	14067	24826	2.04%	0.204%
27	15.797	2159	2163	2173	rVB2	41928	89940	7.39%	0.738%
28	16.244	2233	2239	2246	rBV	492060	740918	60.84%	6.083%
29	16.444	2269	2273	2278	rVB5	22821	36653	3.01%	0.301%
30	17.501	2448	2453	2458	rBV2	616059	977026	80.23%	8.021%
31	17.542	2458	2460	2468	rVB	187644	257602	21.15%	2.115%
32	17.636	2473	2476	2479	rBV	43755	61386	5.04%	0.504%
33	18.424	2607	2610	2615	rVB	65454	84602	6.95%	0.695%
34	18.565	2630	2634	2639	rBV4	71849	155724	12.79%	1.278%

LSC Area Percent Report

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Instrument : BNA_G
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Integrator: RTE
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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

35	19.552	2798	2802	2806	rVB	260519	356821	29.30%	2.929%
36	19.910	2860	2863	2869	rVB	323235	456033	37.45%	3.744%
37	20.098	2890	2895	2900	rBV	893247	1217720	100.00%	9.997%
38	21.784	3178	3182	3188	rVB2	538263	941739	77.34%	7.731%

Sum of corrected areas: 12180910

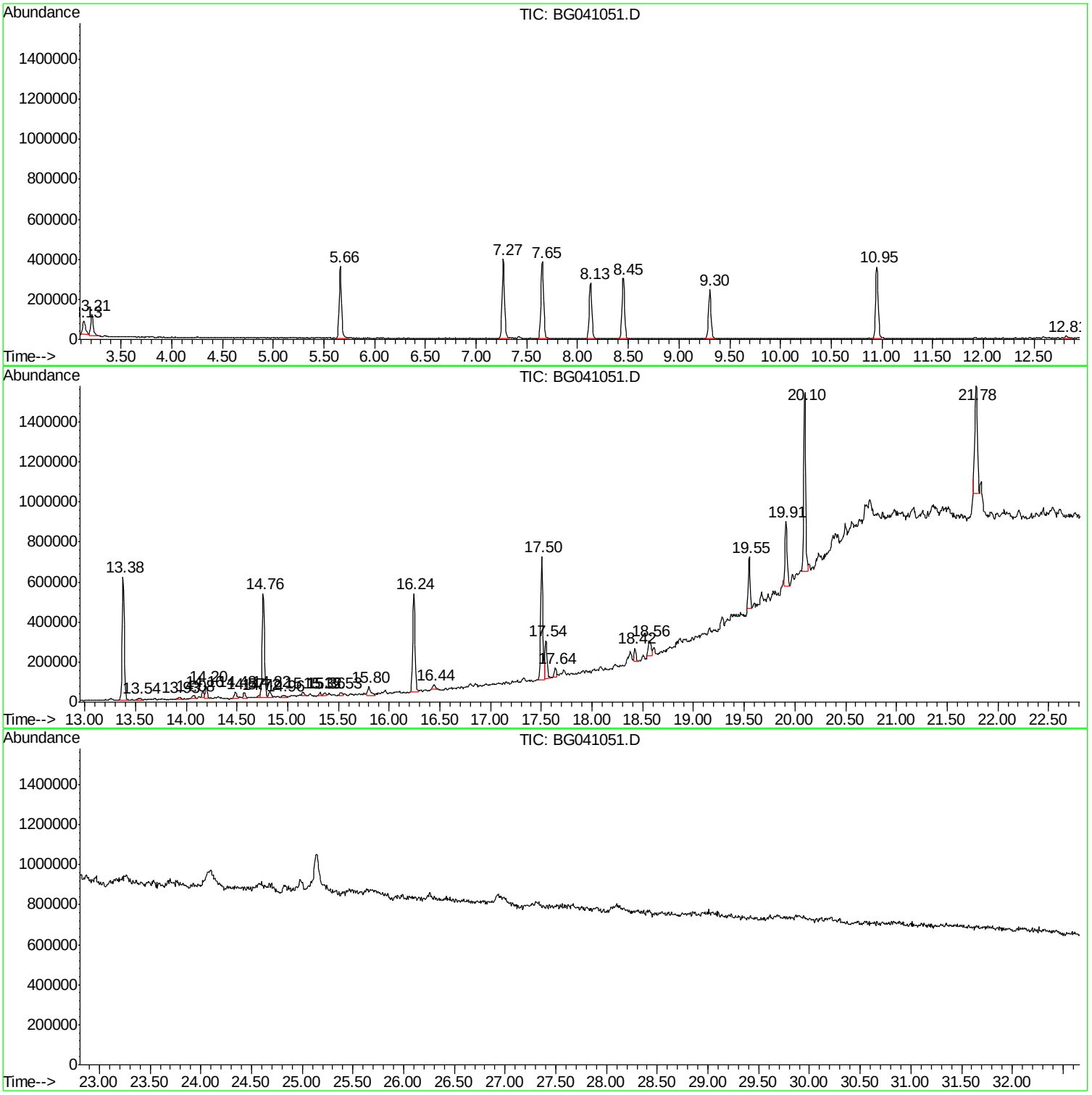
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041051.D
Acq On : 4 Jun 2019 1:45
Operator : HP/JU
Sample : K2641-17 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-053119-C

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\BG060319\
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Operator : HP/JU
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Instrument : BNA_G
ClientSampleId : CL-02-053119-C

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

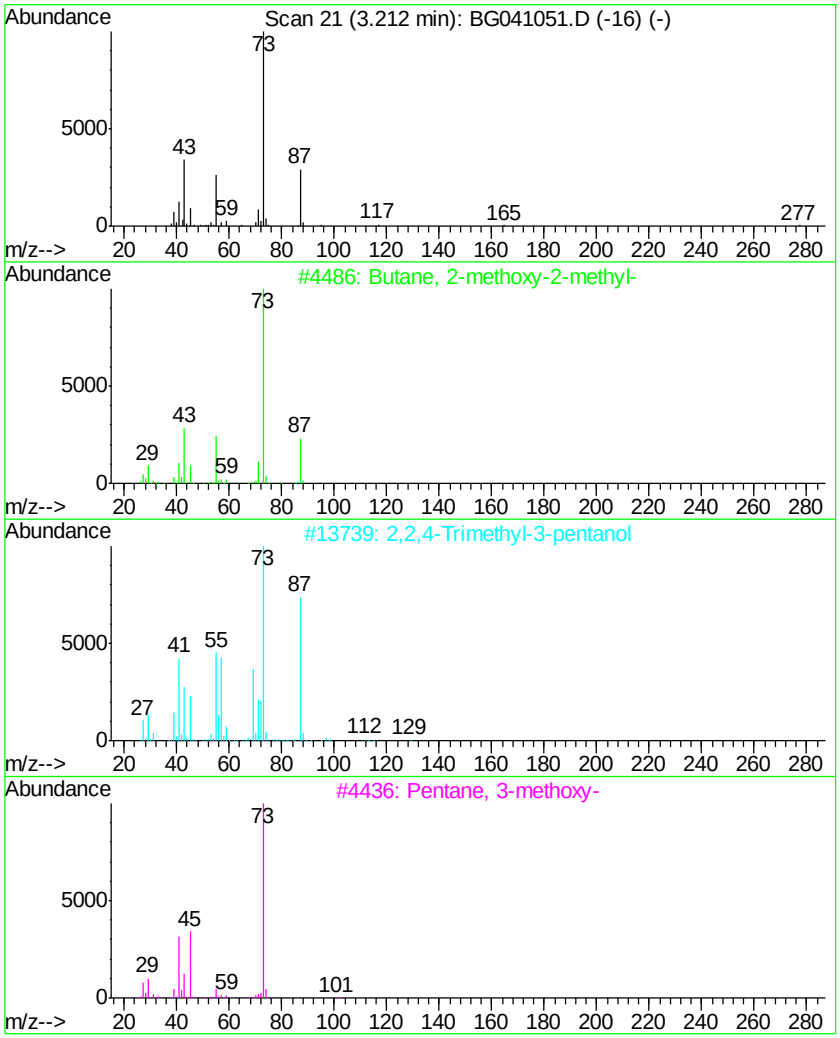
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

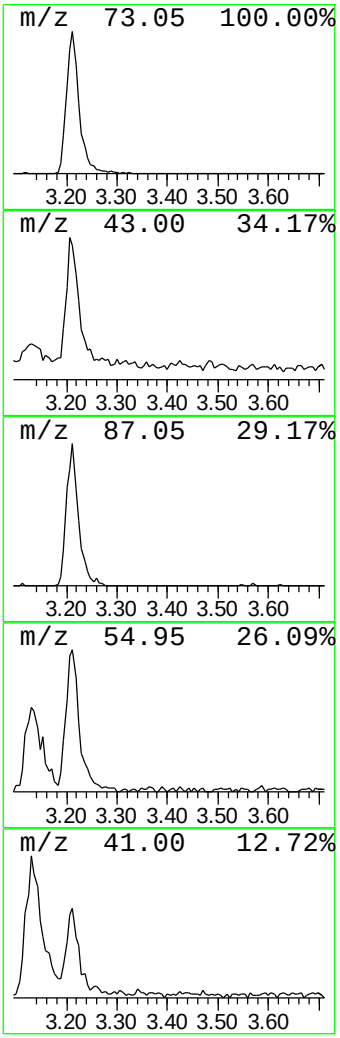
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	7.72 ng	188450	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	32
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041051.D
Acq On : 4 Jun 2019 1:45
Operator : HP/JU
Sample : K2641-17 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-053119-C

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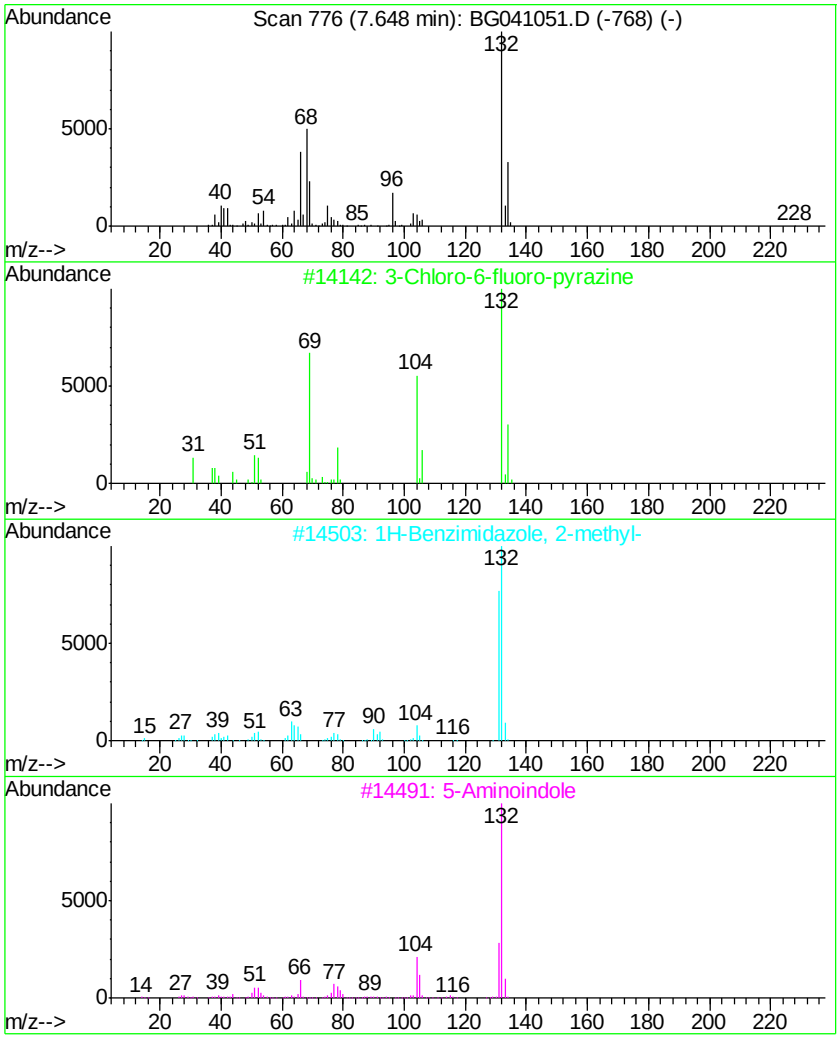
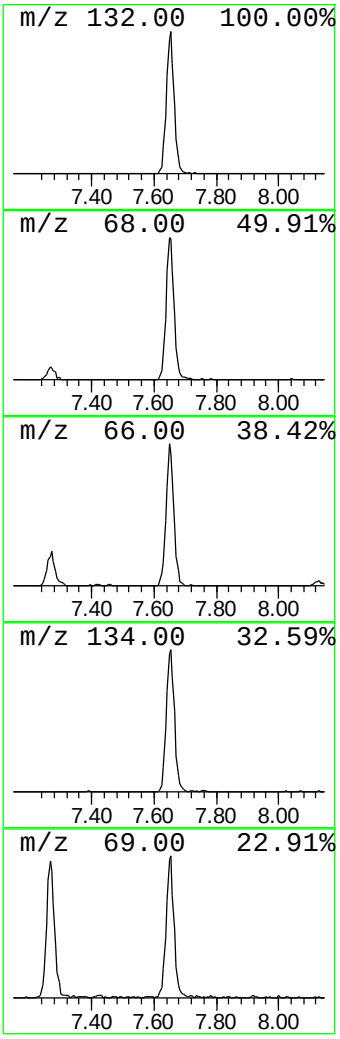
****

Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	28.65 ng	699537	1,4-Dichlorobenzene-d4	8.13

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	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Instrument : BNA_G
ClientSampleId : CL-02-053119-C

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
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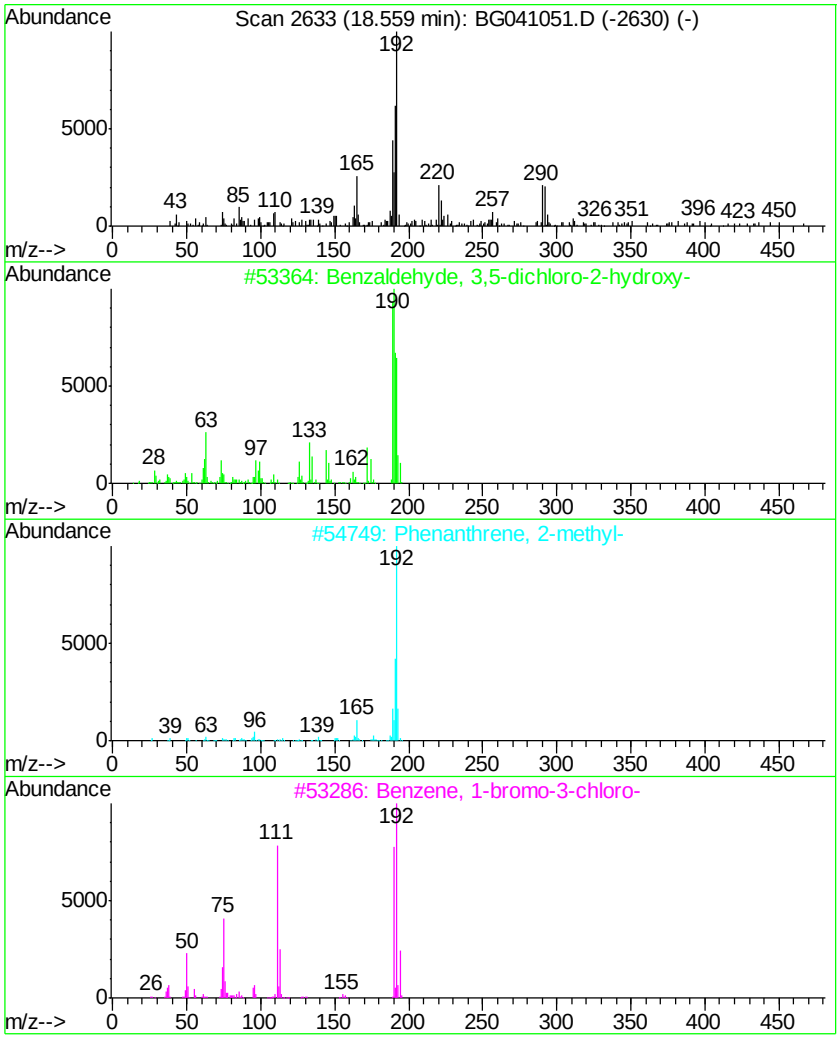
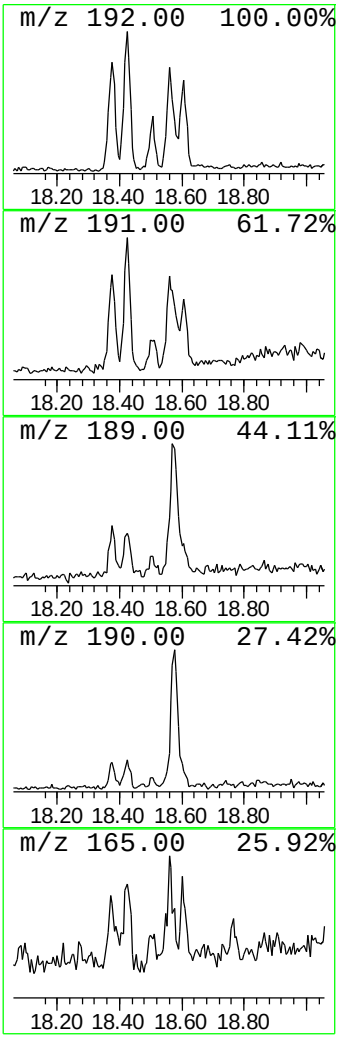
****

Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	3.19 ng	155724	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	41
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	38
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	38
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060319\
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Instrument : BNA_G
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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...	3.21	7.7	ng	188450	1	8.13	488398	20.0
unknown7.65	7.65	28.6	ng	699537	1	8.13	488398	20.0
Benzaldehyde, 3,5...	18.56	3.2	ng	155724	4	17.50	977026	20.0