LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043646.D
Acq On : 14 Nov 2019 23:02
Operator : JU
Sample : K5670-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-111219

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-BG102119.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	3.165	8	13	21	rVB2	23836	49048	5.76%	0.675%
2	5.104	338	343	355	rVB	33254	56622	6.65%	0.779%
3	5.598	419	427	443	rBV2	147814	288954	33.94%	3.975%
4	7.202	692	700	711	rBV	144360	309627	36.37%	4.260%
5	7.548	752	759	768	rBV	168921	321026	37.71%	4.417%
6	8.001	829	836	847	rBV	136859	238821	28.05%	3.286%
7	8.324	883	891	900	rBV2	139227	259892	30.53%	3.576%
8	9.164	1027	1034	1052	rBV2	76586	188930	22.19%	2.599%
9	10.803	1303	1313	1327	rBV	160522	332247	39.02%	4.571%
10	13.171	1708	1716	1720	rVB5	4045	9119	1.07%	0.125%
11	13.248	1722	1729	1751	rVV	264309	479244	56.29%	6.593%
12	13.453	1754	1764	1771	rBV5	8274	17804	2.09%	0.245%
13	13.959	1844	1850	1853	rBV4	4950	8652	1.02%	0.119%
14	14.076	1862	1870	1879	rBV	24893	54195	6.37%	0.746%
15	14.517	1938	1945	1951	rBV2	10223	15955	1.87%	0.220%
16	14.628	1955	1964	1970	rBV	294086	472396	55.48%	6.499%
17	14.687	1972	1974	1979	rVB4	7159	11178	1.31%	0.154%
18	15.463	2101	2106	2112	rVB3	12897	19973	2.35%	0.275%
19	15.680	2138	2143	2147	rBV4	5618	10382	1.22%	0.143%
20	16.121	2208	2218	2228	rBV	199151	369420	43.39%	5.083%
21	16.326	2249	2253	2262	rBV4	12737	28524	3.35%	0.392%
22	17.119	2383	2388	2392	rBV4	12751	17438	2.05%	0.240%
23	17.178	2392	2398	2399	rBV3	6386	10557	1.24%	0.145%
24	17.372	2425	2431	2436	rBV	331618	549307	64.52%	7.557%
25	17.419	2436	2439	2445	rVB2	74741	109369	12.85%	1.505%
26	17.507	2450	2454	2459	rVB3	10181	17271	2.03%	0.238%
27	17.860	2510	2514	2518	rBV3	10111	13651	1.60%	0.188%
28	18.253	2576	2581	2585	rBV4	9661	17459	2.05%	0.240%
29	18.300	2587	2589	2594	rVB3	13680	19664	2.31%	0.271%
30	18.441	2609	2613	2618	rBV2	15583	29334	3.45%	0.404%
31	18.547	2629	2631	2636	rVB4	11474	15584	1.83%	0.214%
32	18.753	2662	2666	2670	rBV5	6554	10730	1.26%	0.148%
33	19.164	2731	2736	2740	rBV7	33112	60838	7.15%	0.837%
34	19.199	2740	2742	2746	rVB5	17276	20695	2.43%	0.285%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : OK-03-111219

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-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.429	2775	2781	2786	rBV	110030	172355	20.24%	2.371%
36	19.476	2787	2789	2794	rVB6	11722	15432	1.81%	0.212%
37	19.752	2833	2836	2837	rBV	24358	22517	2.64%	0.310%
38	19.787	2838	2842	2850	rVV	95626	159437	18.73%	2.194%
39	19.857	2852	2854	2861	rVB7	13974	22077	2.59%	0.304%
40	19.981	2866	2875	2887	rBV	571435	851397	100.00%	11.714%
41	20.233	2916	2918	2919	rBV2	12583	8941	1.05%	0.123%
42	20.280	2923	2926	2931	rVB3	28007	45119	5.30%	0.621%
43	21.638	3150	3157	3162	rBV2	404486	750877	88.19%	10.331%
44	21.814	3185	3187	3192	rBV6	21115	34979	4.11%	0.481%
45	24.822	3691	3699	3710	rVB3	274629	751416	88.26%	10.338%

Sum of corrected areas: 7268453

LSC Report - Integrated Chromatogram

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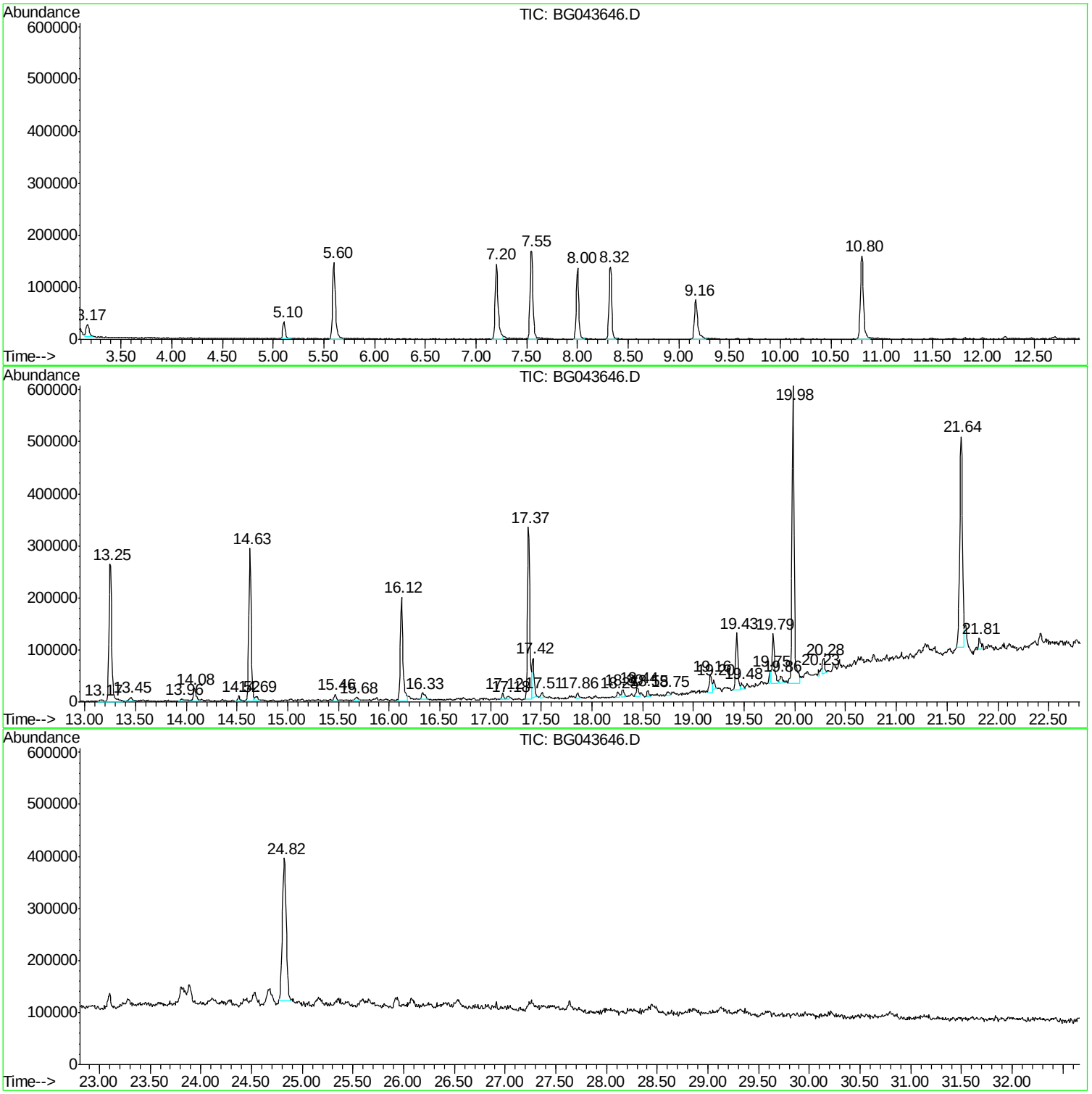
Instrument : BNA_G
ClientSampleId : OK-03-111219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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Data File : BG043646.D
Acq On : 14 Nov 2019 23:02
Operator : JU
Sample : K5670-05 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-111219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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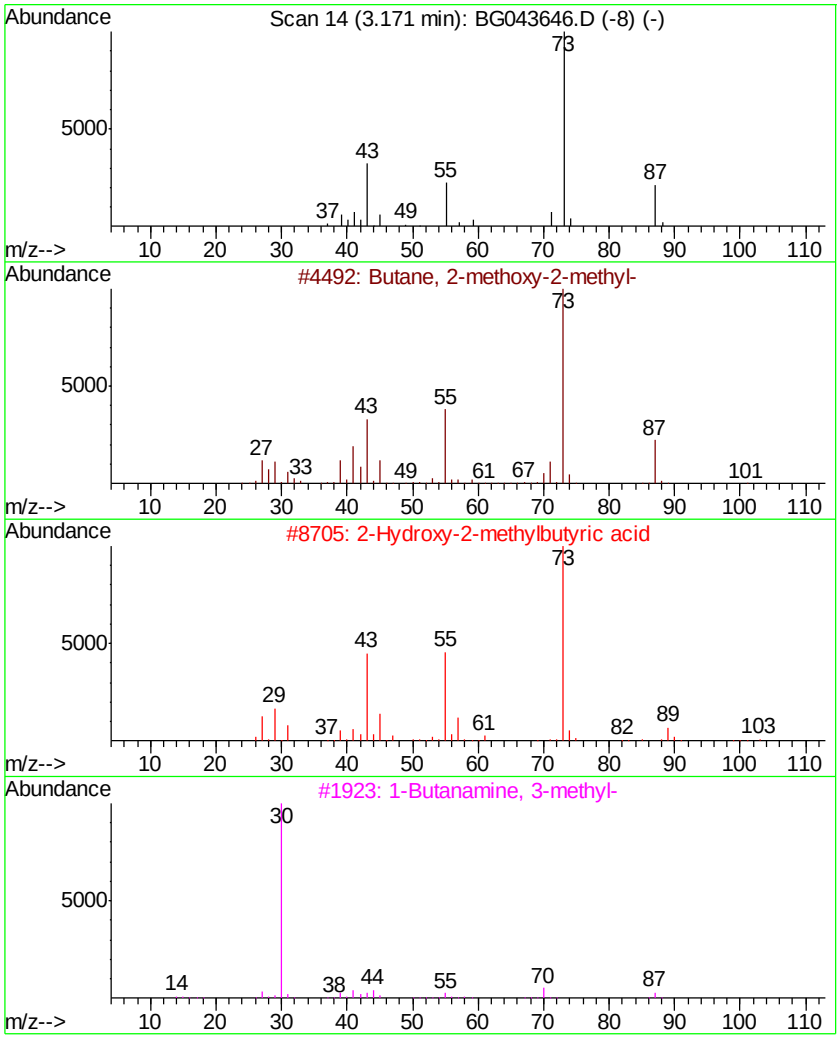
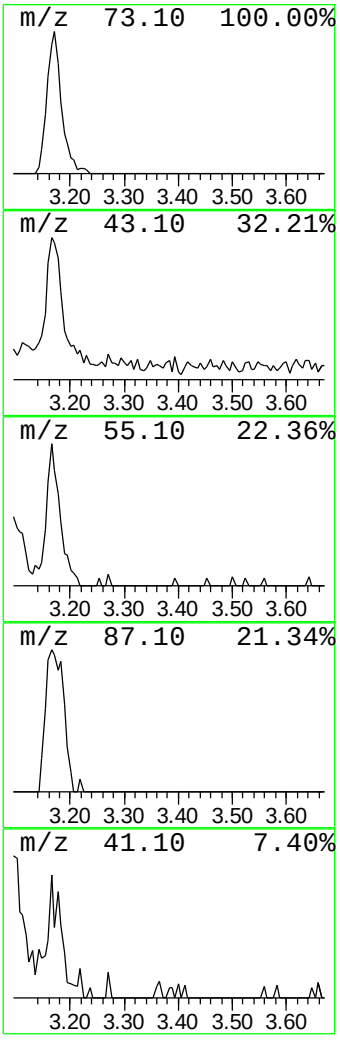
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	4.11 ng	49048	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5
4	1-Pentanamine	87	C5H13N	000110-58-7	4
5	N-Ethylformamide	73	C3H7NO	000627-45-2	4





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
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Instrument : BNA_G
ClientSampleId : OK-03-111219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

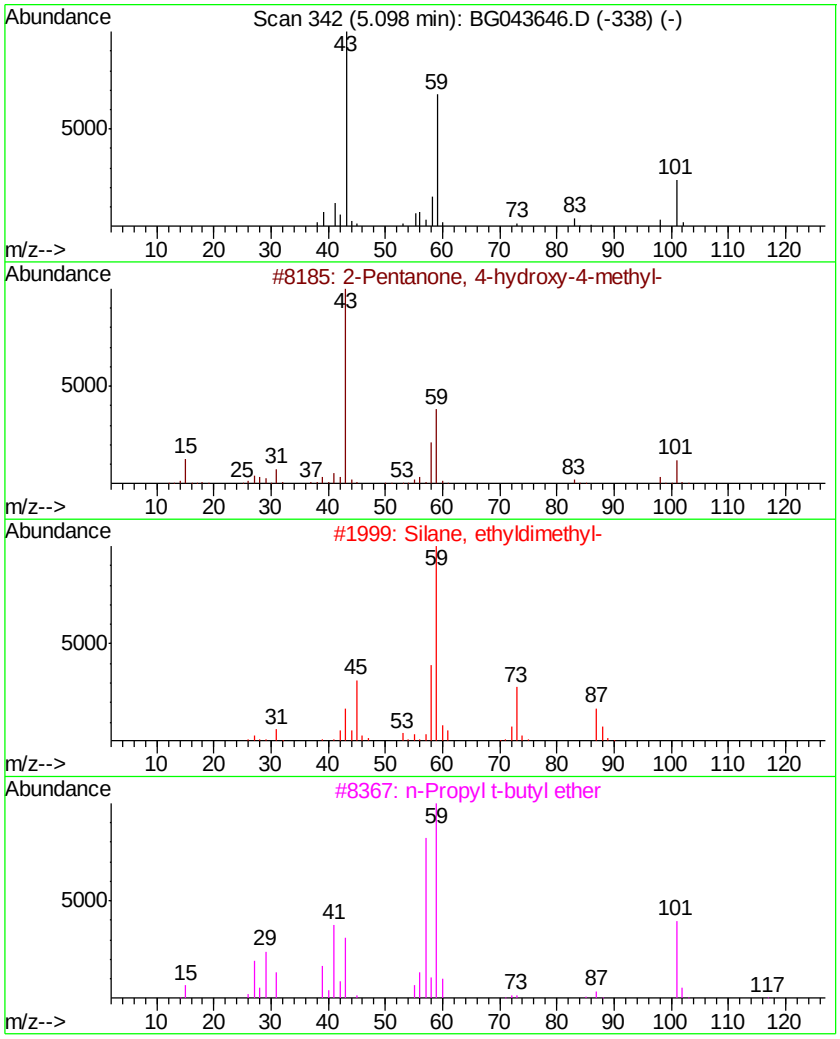
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

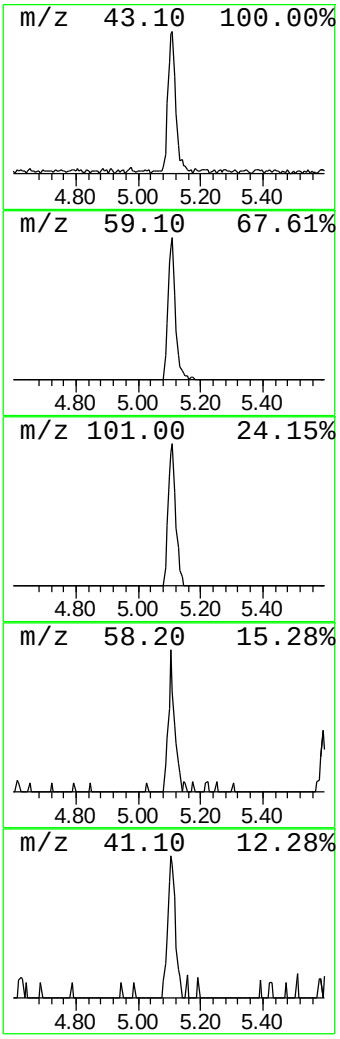
****

Peak Number 2 unknown5.10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	4.74 ng	56622	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	25
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	16





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : OK-03-111219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

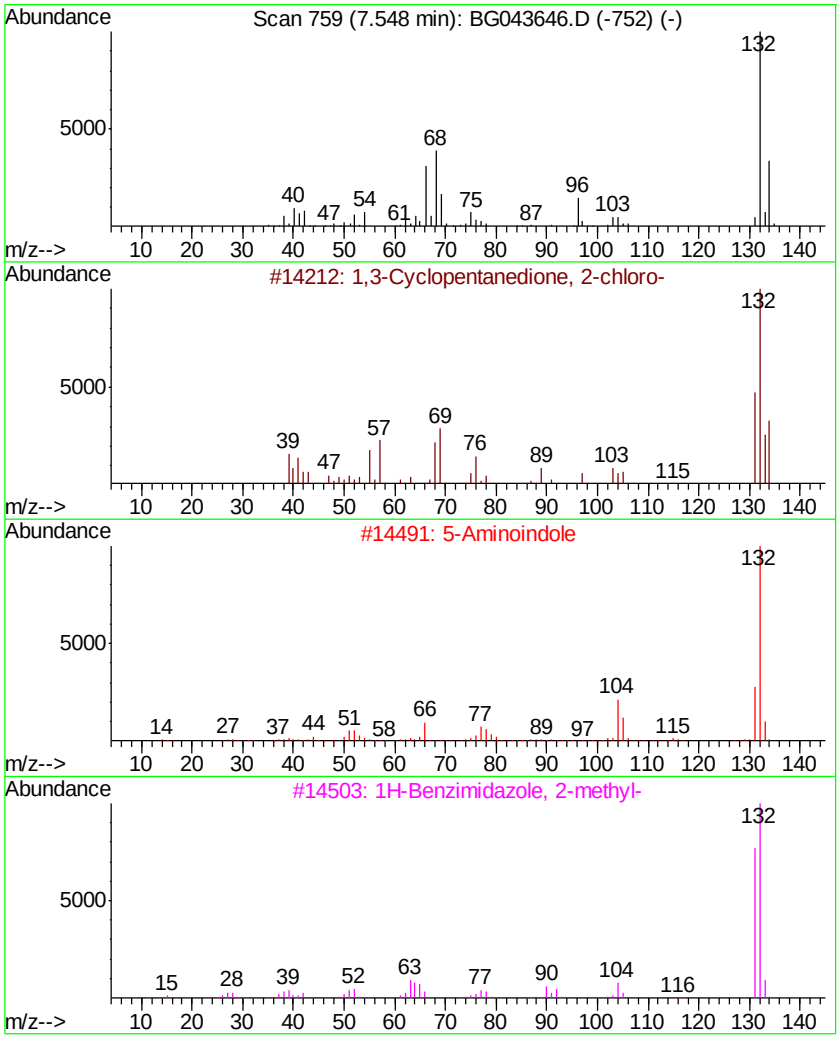
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

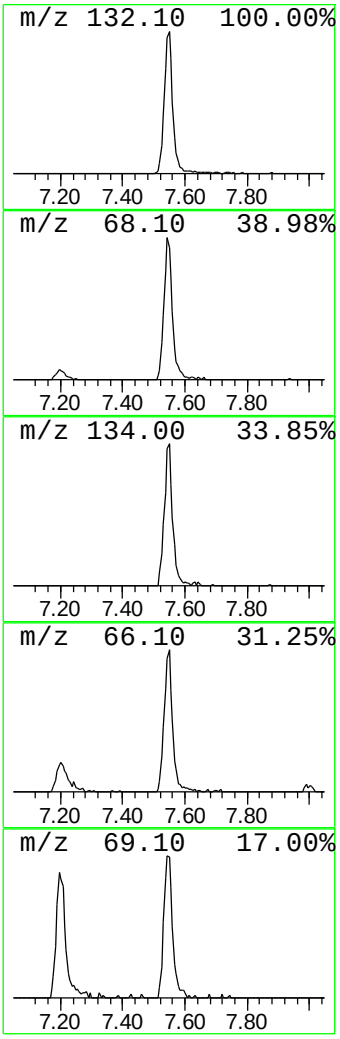
****

Peak Number 3 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	26.88 ng	321026	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	1-Isoquinolinemethanol, .alpha.-...	191	C12H17NO	114608-92-3	10





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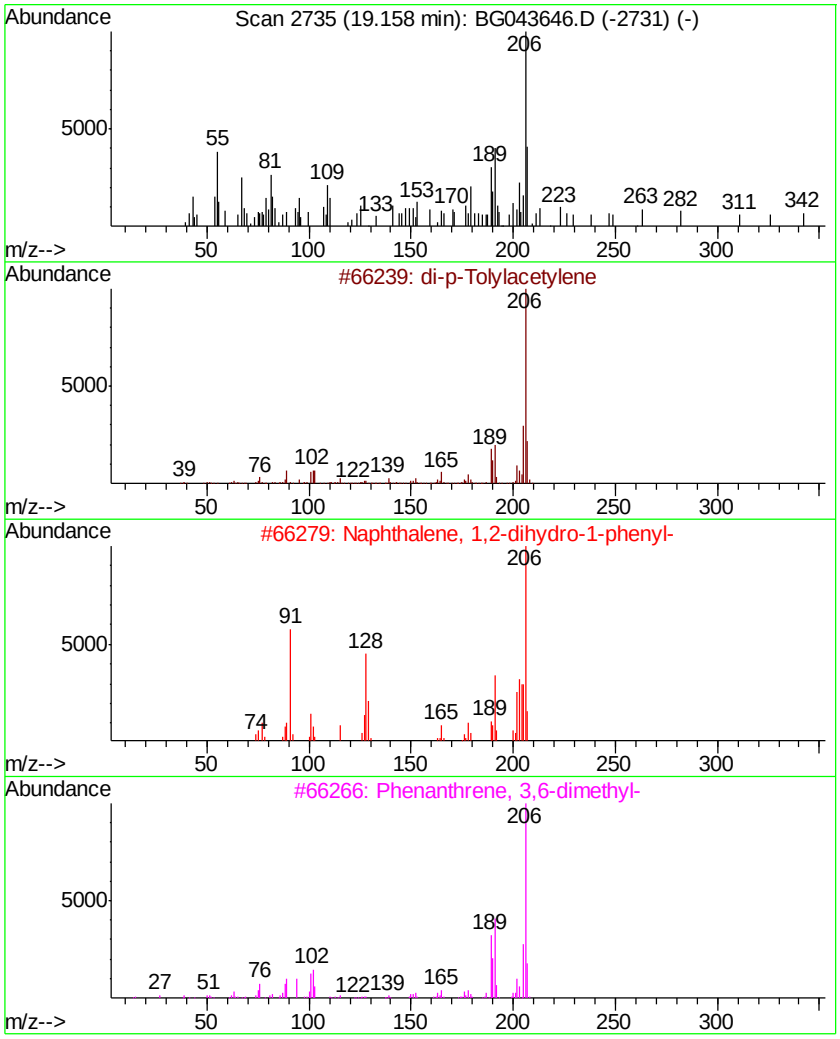
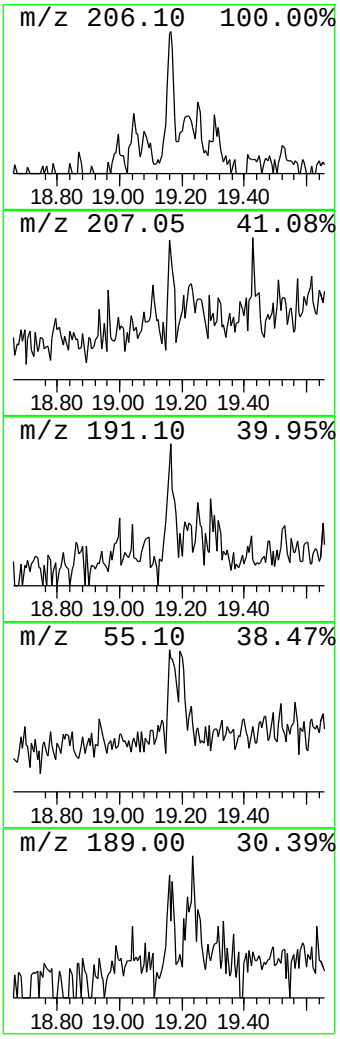
****

Peak Number 5 di-p-Tolylacetylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.22 ng	60838	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	53
2	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	47
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	47
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	46
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	46





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.17	4.1	ng	49048	1	7.99	238821	20.0
unknown5.10	5.10	4.7	ng	56622	1	7.99	238821	20.0
unknown7.55	7.55	26.9	ng	321026	1	7.99	238821	20.0
di-p-Tolylacetylene	19.16	2.2	ng	60838	4	17.37	549307	20.0