LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022440.D
Acq On : 19 Jun 2016 1:58
Operator : UM/SJ
Sample : H3514-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5-B2(0-7)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:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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	2.869	3	5	26	rVB	1889970	2942473	100.00%	18.983%
2	5.102	378	385	396	rBV	40369	79403	2.70%	0.512%
3	5.601	463	470	481	rBV	504374	949897	32.28%	6.128%
4	7.234	739	748	766	rBV	567969	1139560	38.73%	7.352%
5	7.581	798	807	824	rBV	643507	1218353	41.41%	7.860%
6	8.039	876	885	894	rBV	104397	197349	6.71%	1.273%
7	8.368	933	941	950	rBV	499791	945199	32.12%	6.098%
8	9.220	1077	1086	1102	rBV	344689	709170	24.10%	4.575%
9	10.860	1358	1365	1377	rBV	153723	325679	11.07%	2.101%
10	13.304	1773	1781	1793	rBV	1101616	1874929	63.72%	12.096%
11	14.126	1914	1921	1929	rBV	89479	152860	5.19%	0.986%
12	14.684	2008	2016	2023	rBV2	245327	439453	14.93%	2.835%
13	16.177	2263	2270	2281	rBV	571806	967236	32.87%	6.240%
14	16.359	2296	2301	2312	rBV7	16117	42439	1.44%	0.274%
15	17.428	2474	2483	2487	rBV	266361	435532	14.80%	2.810%
16	17.469	2487	2490	2497	rVV	64997	104459	3.55%	0.674%
17	18.498	2659	2665	2669	rBV4	17170	36841	1.25%	0.238%
18	19.203	2781	2785	2793	rBV8	20421	52805	1.79%	0.341%
19	19.473	2826	2831	2840	rBV	114130	186144	6.33%	1.201%
20	19.837	2884	2893	2899	rVB	102647	201727	6.86%	1.301%
21	20.025	2919	2925	2933	rBV	1254739	1721789	58.52%	11.108%
22	20.301	2969	2972	2981	rVB6	16808	41608	1.41%	0.268%
23	21.694	3201	3209	3214	rBV2	220490	471814	16.03%	3.044%
24	24.937	3756	3761	3773	rVB3	92715	263969	8.97%	1.703%

Sum of corrected areas: 15500688

LSC Report - Integrated Chromatogram

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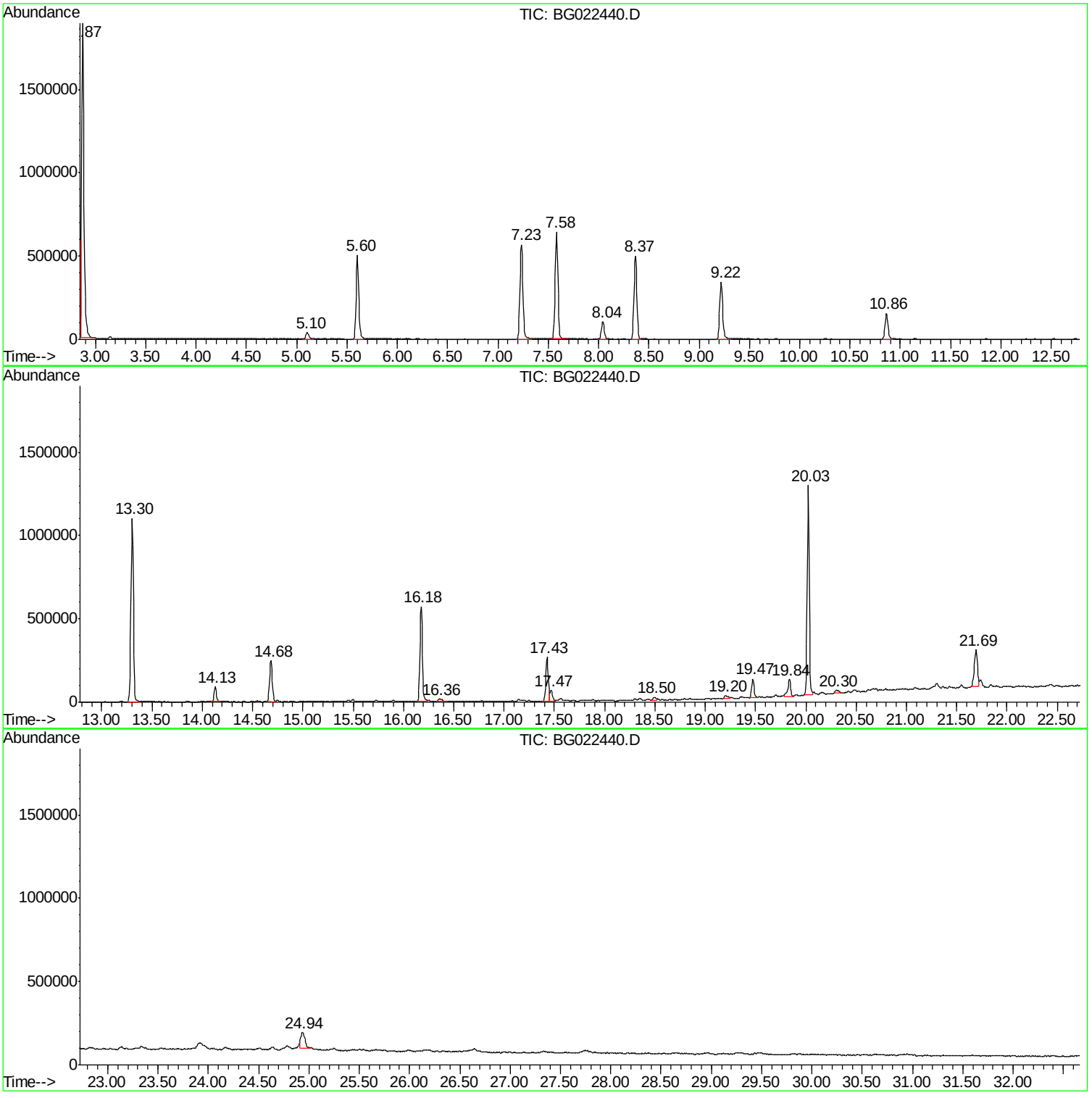
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S5-B2(0-7)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022440.D
Acq On : 19 Jun 2016 1:58
Operator : UM/SJ
Sample : H3514-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5-B2(0-7)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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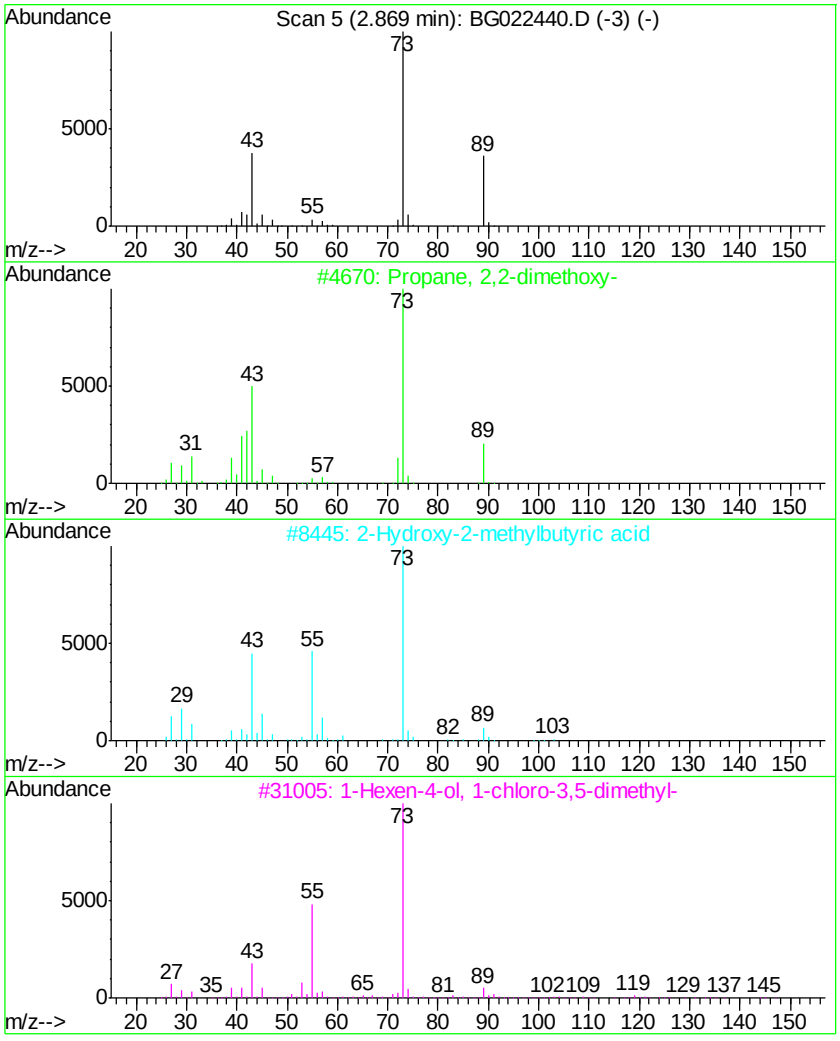
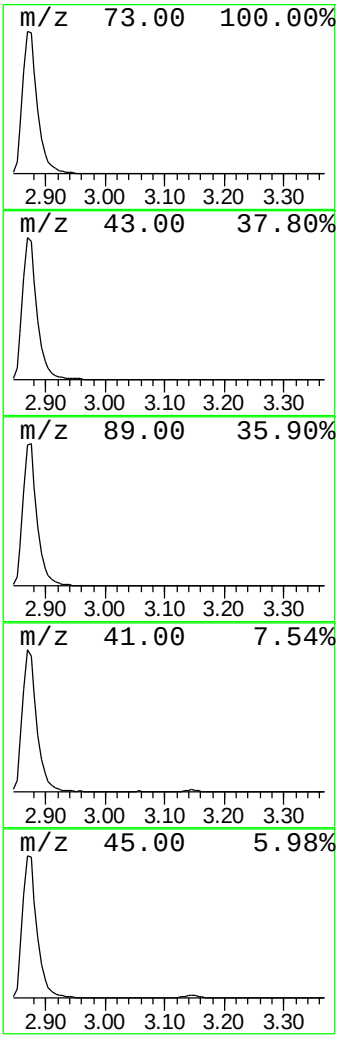
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	298.20 ng	2942470	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	25
3	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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Operator : UM/SJ
Sample : H3514-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5-B2(0-7)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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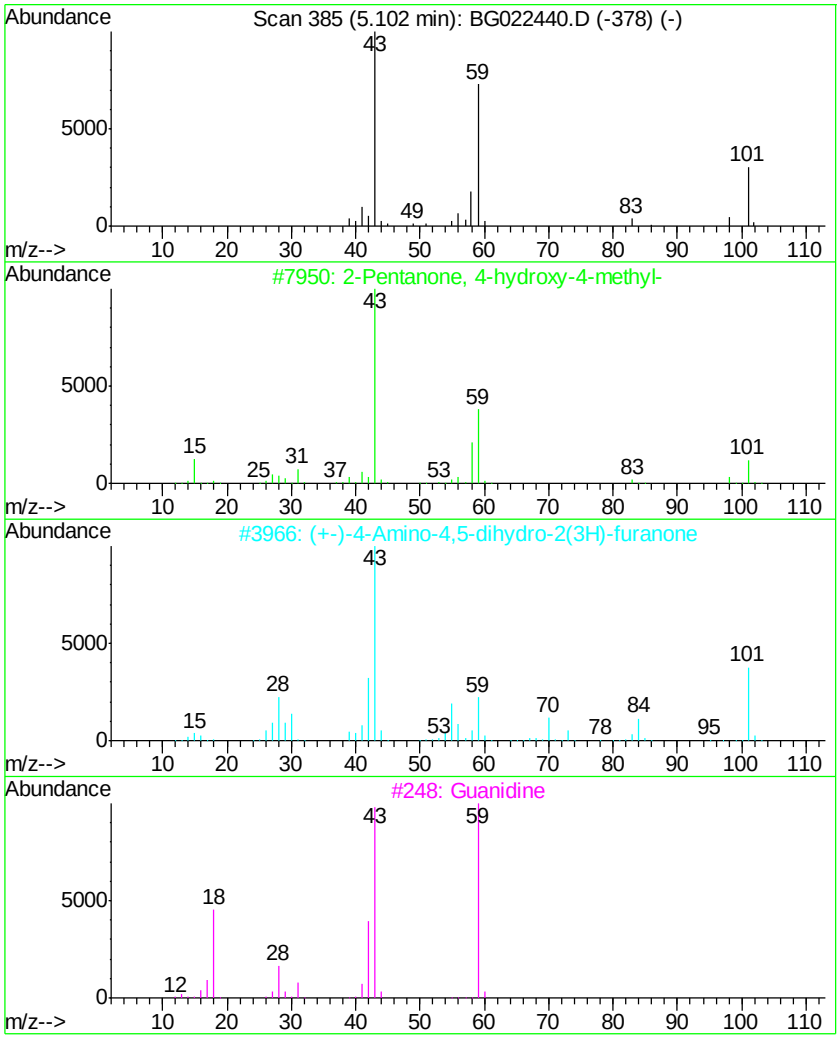
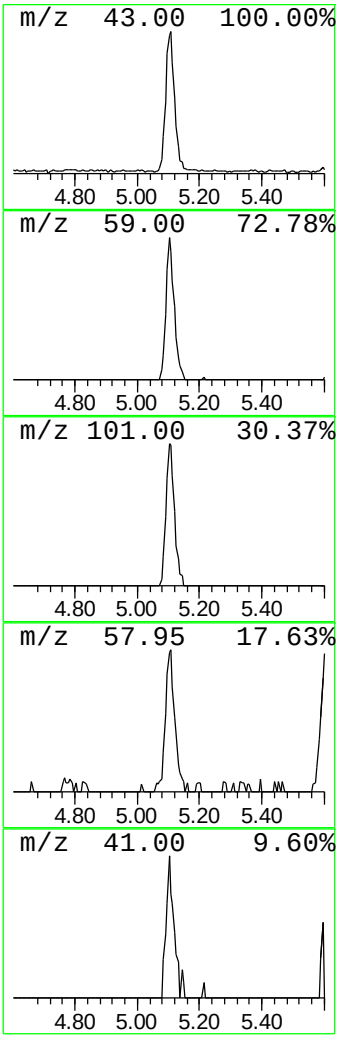
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	8.05 ng	79403	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Guanidine	59	CH5N3	000113-00-8	43
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5	3-Pentanol	88	C5H12O	000584-02-1	17





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022440.D
Acq On : 19 Jun 2016 1:58
Operator : UM/SJ
Sample : H3514-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5-B2(0-7)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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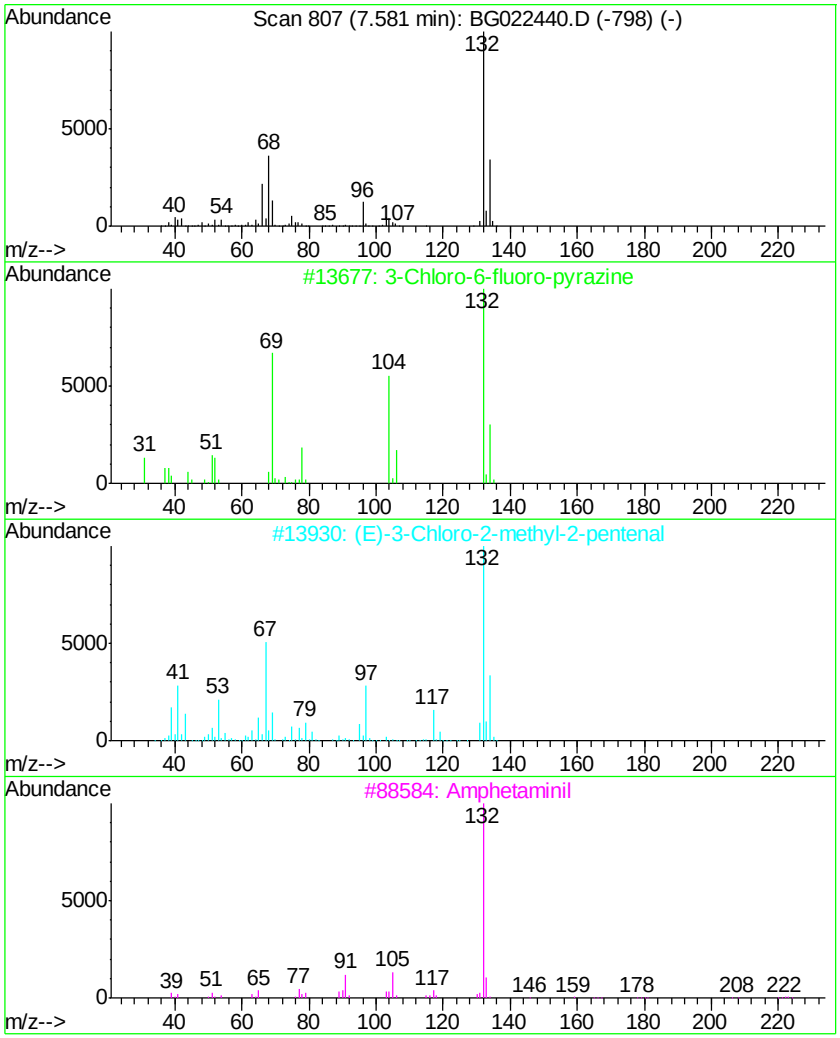
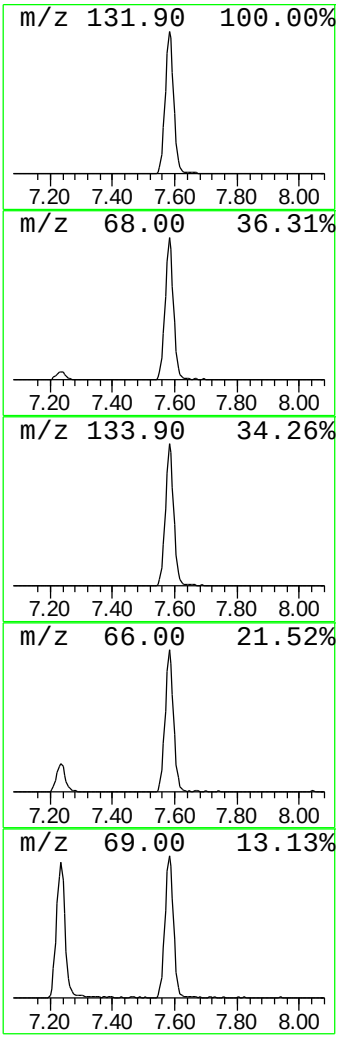
Peak Number 3 unknown7.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	123.47 ng	1218350	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	38
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9





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ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5-B2(0-7)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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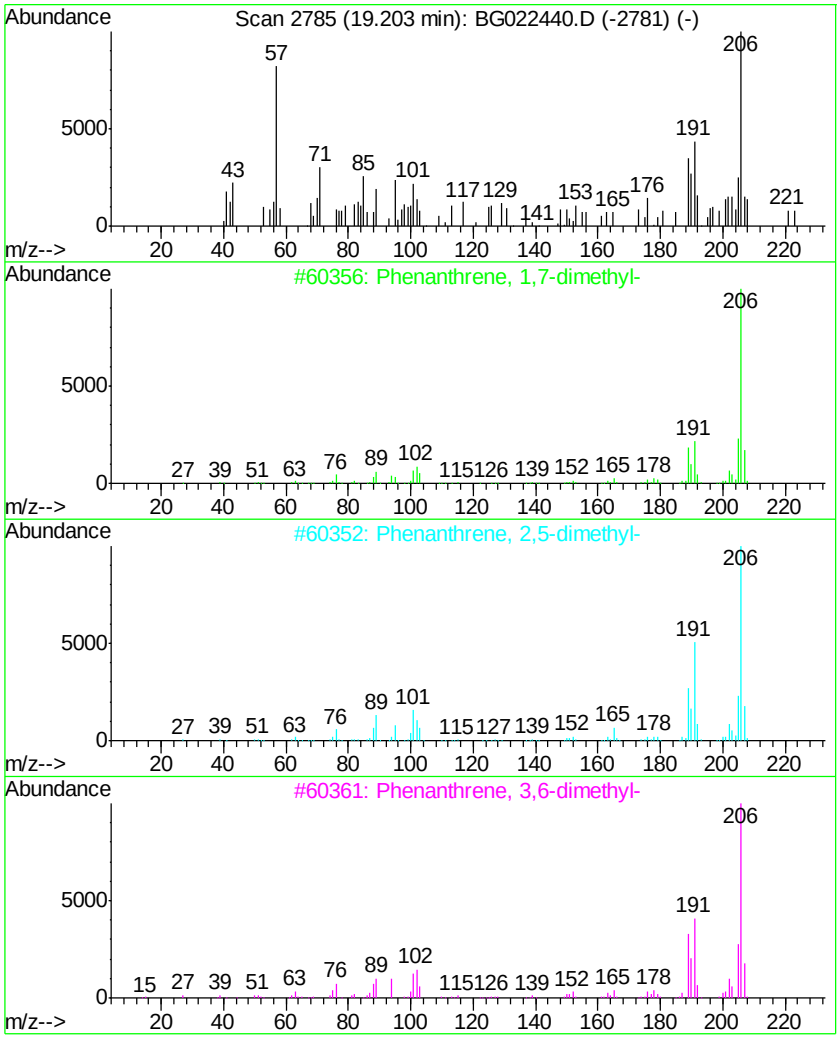
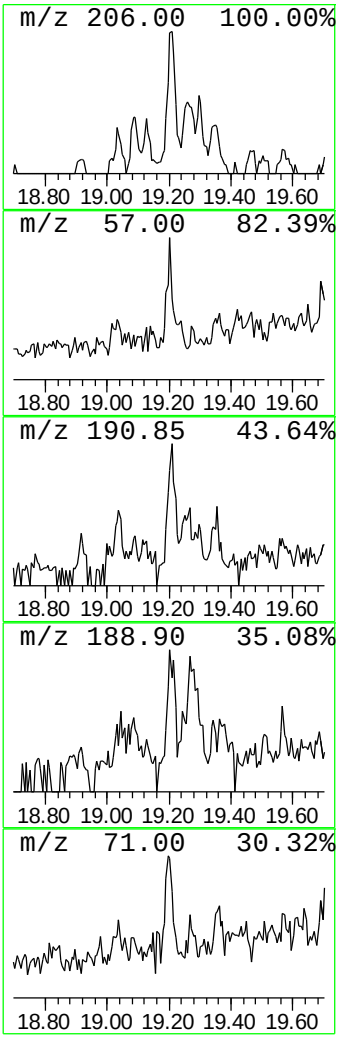
Peak Number 5 Phenanthrene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.42 ng	52805	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	62
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	2.87	298.2	ng	2942470	1	8.05	197349	20.0
2-Pentanone, 4-hy...	5.10	8.1	ng	79403	1	8.05	197349	20.0
unknown7.58	7.58	123.5	ng	1218350	1	8.05	197349	20.0
Phenanthrene, 1,7...	19.20	2.4	ng	52805	4	17.43	435532	20.0