LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021219.D
Acq On : 2 Mar 2016 19:02
Operator : UM/SJ
Sample : H1529-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EDGE-WASTE

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-BG022916.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	3.056	32	37	45	rBV	710313	992952	100.00%	18.483%
2	3.191	58	60	70	rVB	22800	38829	3.91%	0.723%
3	5.241	402	409	418	rBV	34818	53962	5.43%	1.004%
4	5.706	481	488	499	rVB	157291	261680	26.35%	4.871%
5	7.298	752	759	769	rBV	183826	313740	31.60%	5.840%
6	7.674	815	823	832	rBV	178478	303507	30.57%	5.650%
7	8.144	895	903	911	rBB	46376	76249	7.68%	1.419%
8	8.467	951	958	966	rBB	112222	190533	19.19%	3.547%
9	9.307	1093	1101	1109	rBV	110836	202133	20.36%	3.763%
10	10.958	1373	1382	1389	rBB	70386	126213	12.71%	2.349%
11	13.385	1788	1795	1802	rBB	239210	358311	36.09%	6.670%
12	14.201	1928	1934	1940	rBB	38859	53566	5.39%	0.997%
13	14.754	2022	2028	2036	rVB2	105318	171195	17.24%	3.187%
14	15.576	2164	2168	2174	rVB	10283	14176	1.43%	0.264%
15	16.234	2271	2280	2289	rVB2	197538	315822	31.81%	5.879%
16	16.440	2309	2315	2317	rBV2	9390	13502	1.36%	0.251%
17	17.227	2442	2449	2455	rBV2	6015	11175	1.13%	0.208%
18	17.492	2487	2494	2498	rBV2	127586	199480	20.09%	3.713%
19	17.539	2498	2502	2509	rVB	55691	84781	8.54%	1.578%
20	18.361	2638	2642	2647	rBV3	22110	32108	3.23%	0.598%
21	18.414	2647	2651	2656	rVB3	8205	12961	1.31%	0.241%
22	18.561	2671	2676	2681	rBV4	8927	18507	1.86%	0.344%
23	18.861	2723	2727	2729	rBV2	7398	10810	1.09%	0.201%
24	18.896	2730	2733	2737	rVB3	16965	24884	2.51%	0.463%
25	19.419	2817	2822	2826	rBV5	8337	18473	1.86%	0.344%
26	19.536	2836	2842	2849	rVB	178158	264010	26.59%	4.914%
27	19.625	2855	2857	2862	rVB5	9764	11013	1.11%	0.205%
28	19.865	2893	2898	2899	rBV2	23812	34853	3.51%	0.649%
29	19.895	2899	2903	2910	rVB	141149	201938	20.34%	3.759%
30	20.089	2929	2936	2941	rBV	329994	454802	45.80%	8.466%
31	21.757	3213	3220	3226	rBV2	157483	372304	37.49%	6.930%
32	21.810	3226	3229	3236	rVB	84555	133690	13.46%	2.489%

LSC Area Percent Report

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Data File : BG021219.D
Acq On : 2 Mar 2016 19:02
Operator : UM/SJ
Sample : H1529-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EDGE-WASTE

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-BG022916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 5372159

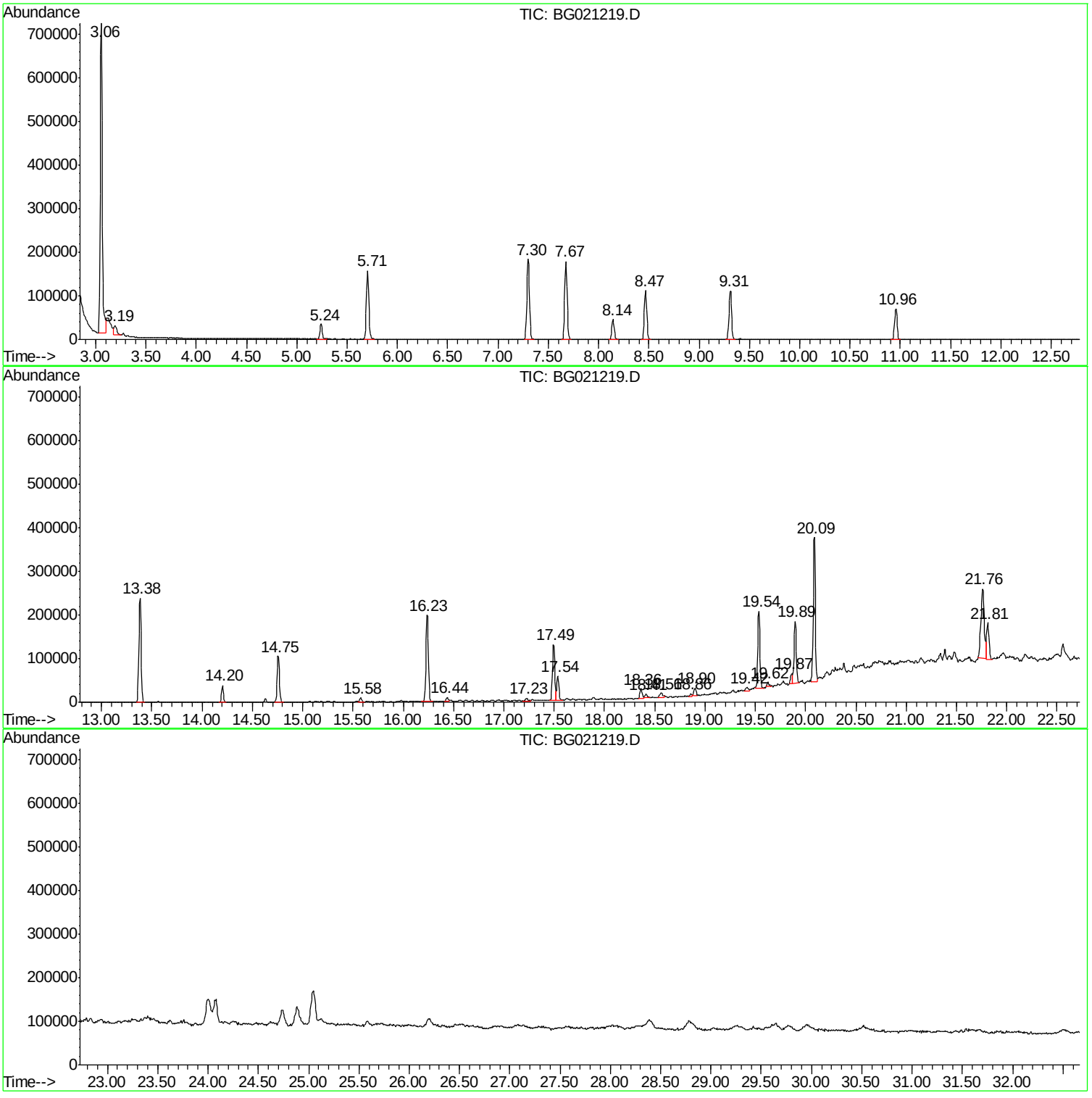
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021219.D
Acq On : 2 Mar 2016 19:02
Operator : UM/SJ
Sample : H1529-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EDGE-WASTE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021219.D
Acq On : 2 Mar 2016 19:02
Operator : UM/SJ
Sample : H1529-01
Misc :
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Instrument : BNA_G
ClientSampleId : EDGE-WASTE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

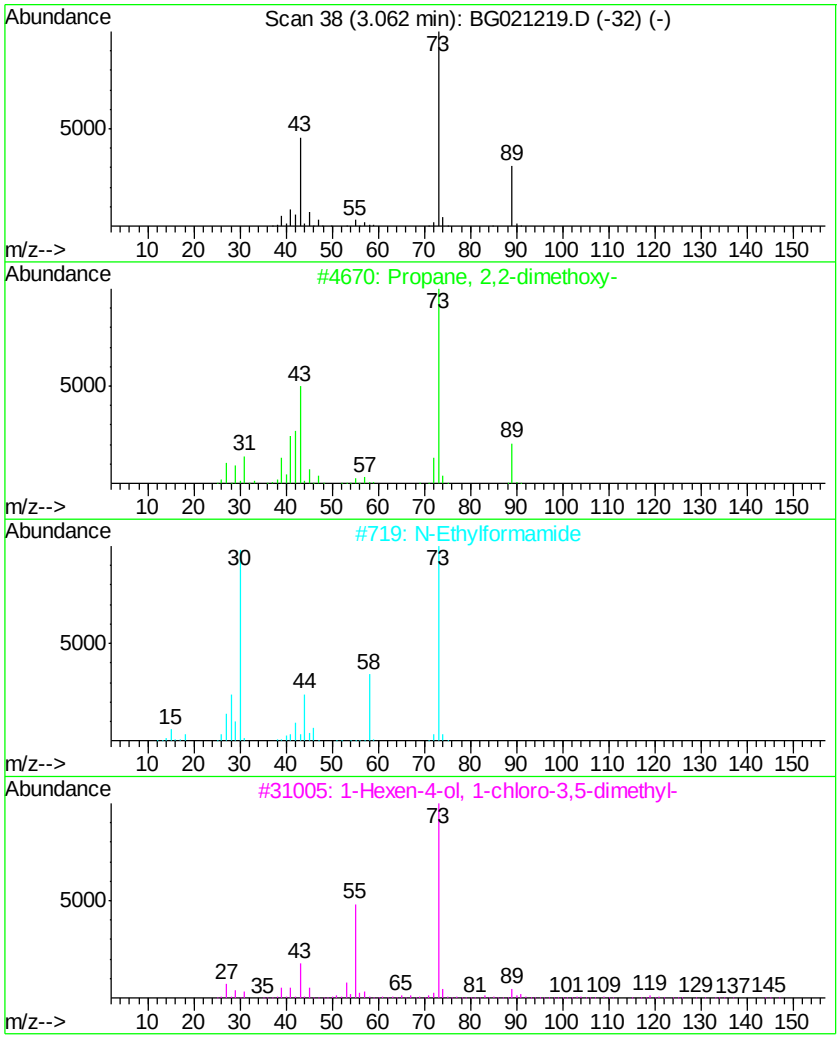
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

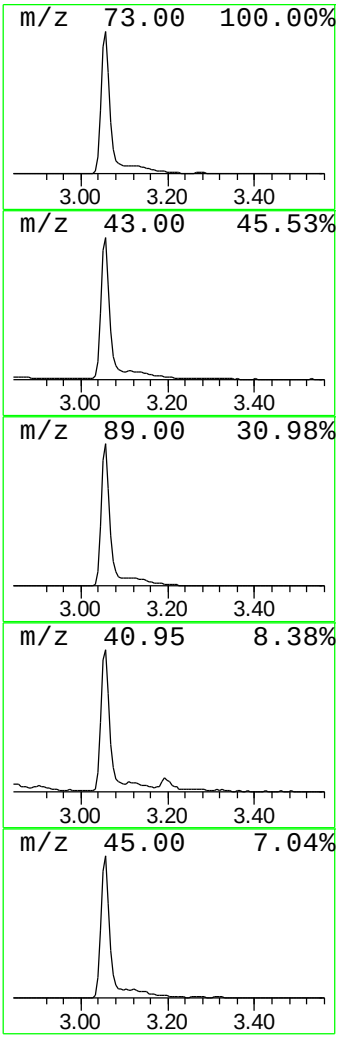
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	260.45 ng	992952	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
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





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021219.D
Acq On : 2 Mar 2016 19:02
Operator : UM/SJ
Sample : H1529-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EDGE-WASTE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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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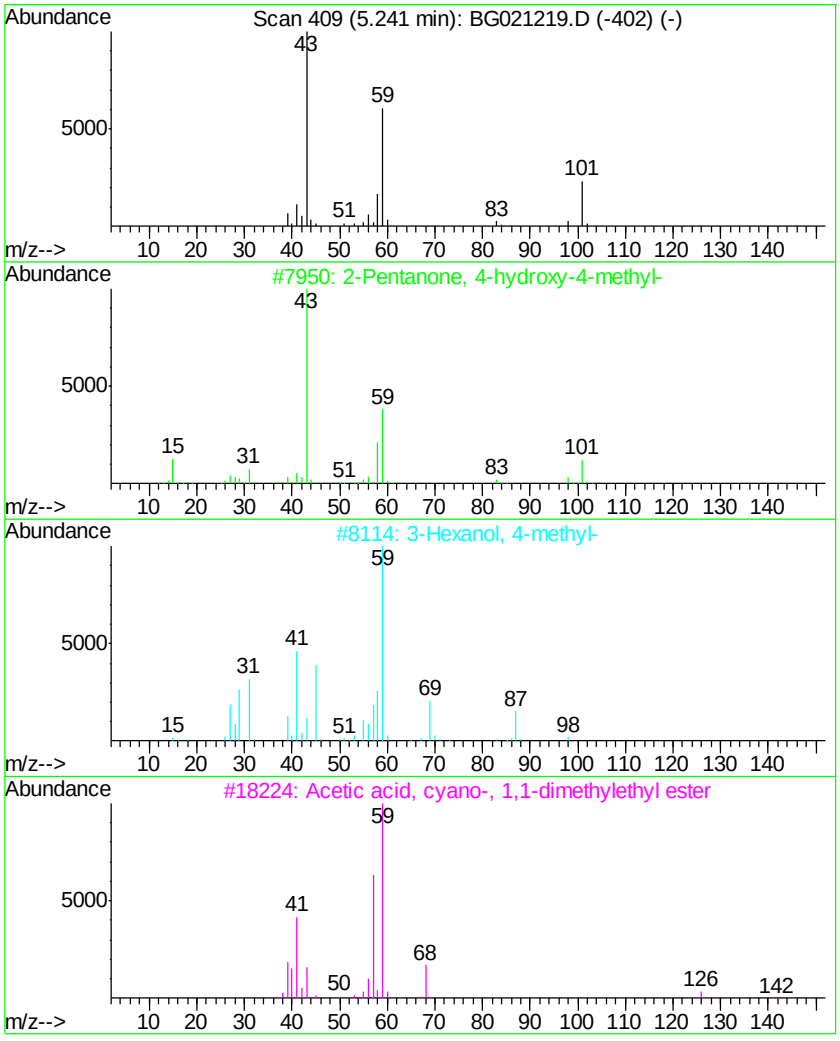
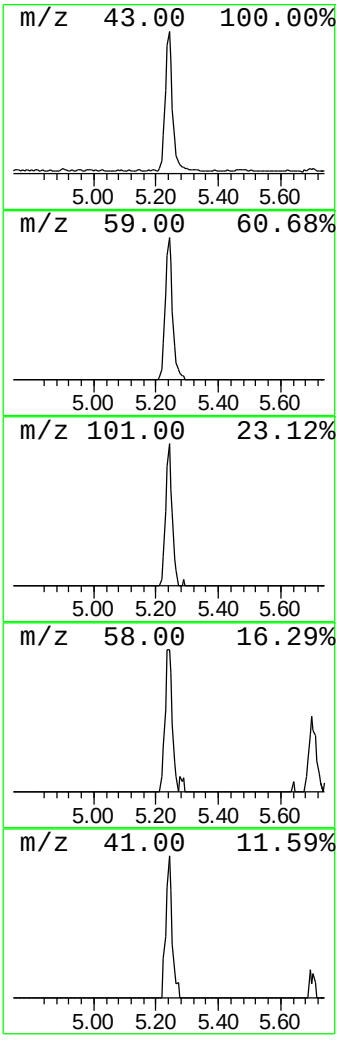
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	14.15 ng	53962	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021219.D
Acq On : 2 Mar 2016 19:02
Operator : UM/SJ
Sample : H1529-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EDGE-WASTE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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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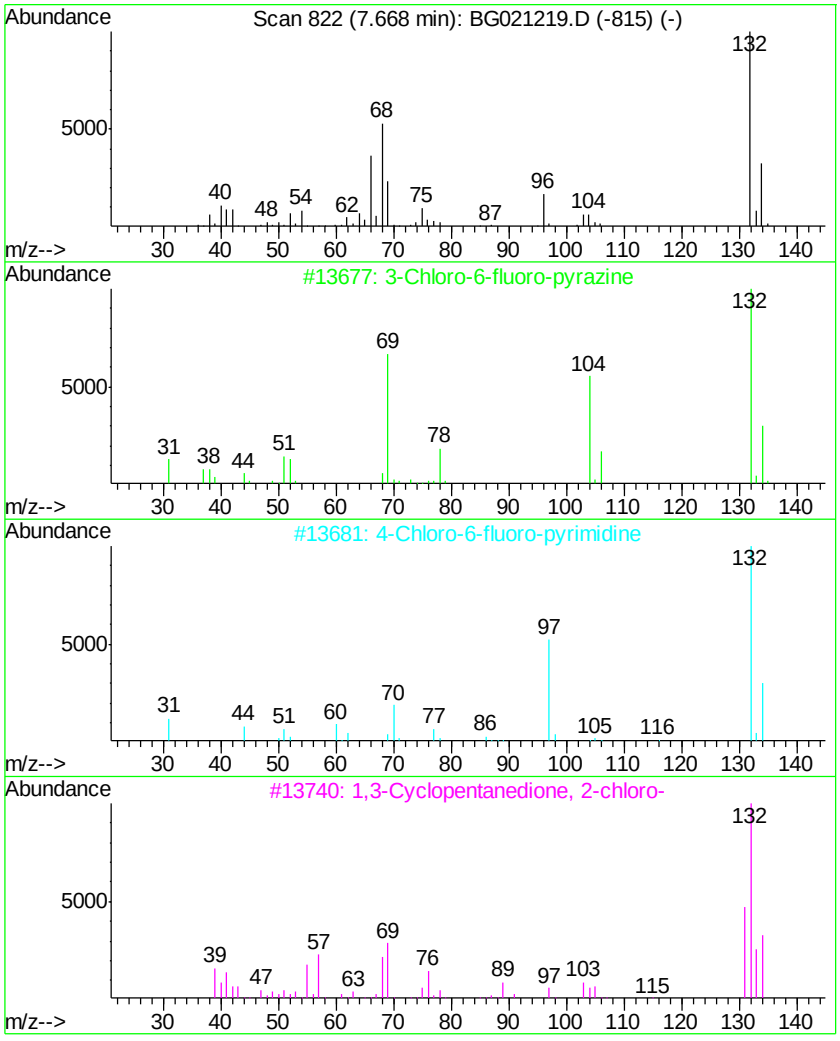
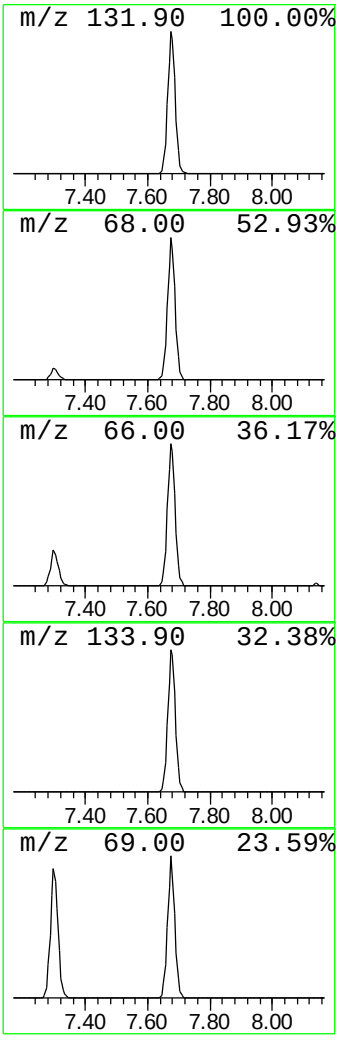
Peak Number 4 unknown7.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	79.61 ng	303507	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	16





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
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Acq On : 2 Mar 2016 19:02
Operator : UM/SJ
Sample : H1529-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EDGE-WASTE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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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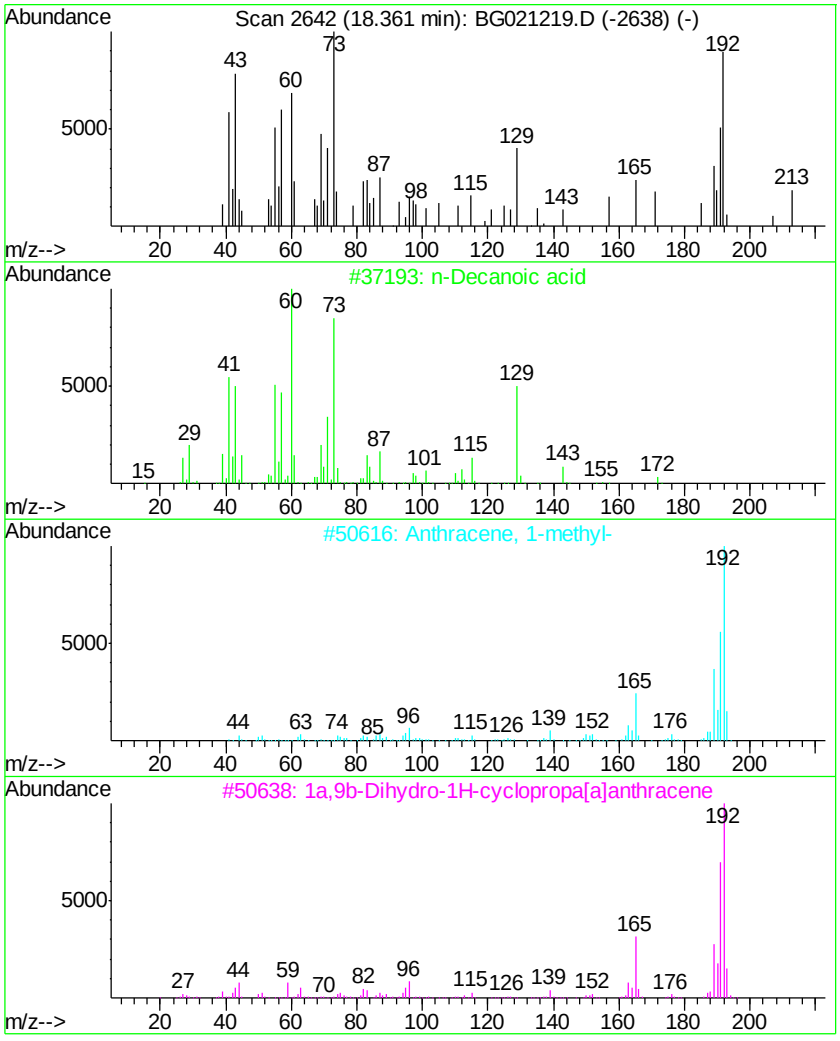
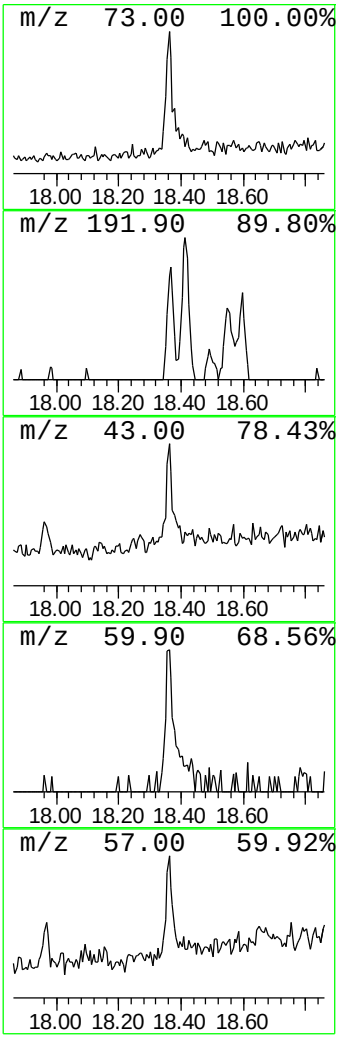
Peak Number 6 unknown18.36 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.22 ng	32108	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	38
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	27
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	27
4	Methyl 6-O-[1-methylpropyl]-.bet...	250	C11H22O6	1000126-15-7	25
5	Dodecanoic acid	200	C12H24O2	000143-07-7	22





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Sample : H1529-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EDGE-WASTE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

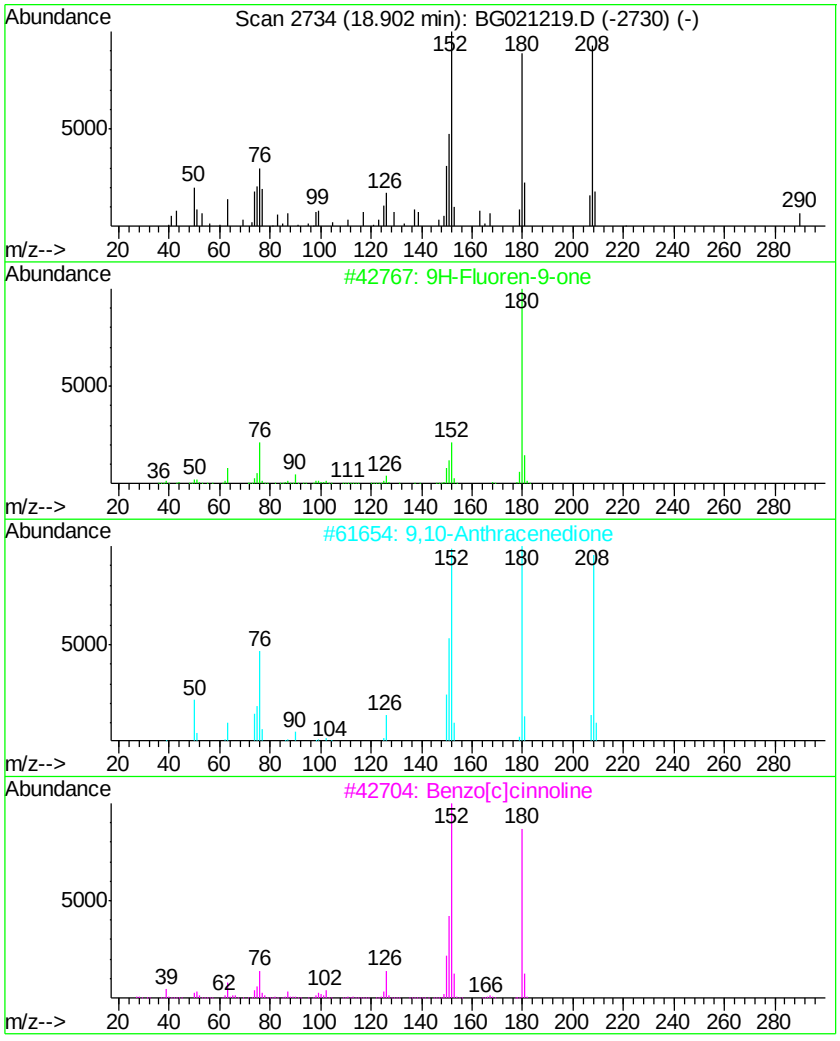
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

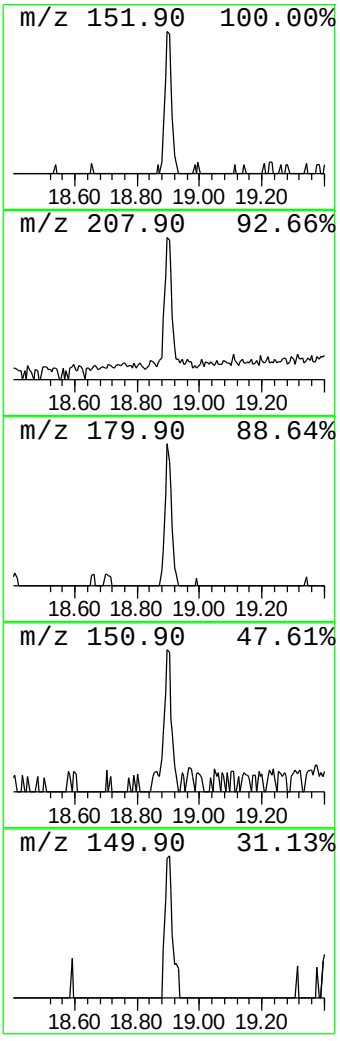
****

Peak Number 7 9H-Fluoren-9-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	2.49 ng	24884	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	52
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030216\
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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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...	3.06	260.4	ng	992952	1	8.14	76249	20.0
2-Pentanone, 4-hy...	5.24	14.2	ng	53962	1	8.14	76249	20.0
unknown7.67	7.67	79.6	ng	303507	1	8.14	76249	20.0
unknown18.36	18.36	3.2	ng	32108	4	17.50	199480	20.0
9H-Fluoren-9-one	18.90	2.5	ng	24884	4	17.50	199480	20.0