LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023153.D
Acq On : 16 Jul 2016 19:04
Operator : UM/SJ
Sample : H3951-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB03(5-7ft)

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-BG070816.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	2.899	6	10	21	rVB5	74473	169121	1.94%	0.221%
2	3.040	29	34	50	rBV	5003404	7693499	88.26%	10.066%
3	3.181	54	58	68	rVB4	71971	157177	1.80%	0.206%
4	5.219	400	405	417	rVB	443413	752131	8.63%	0.984%
5	5.701	480	487	499	rBV	2507585	4184048	48.00%	5.474%
6	7.311	753	761	771	rBV	2821502	5111992	58.65%	6.688%
7	7.681	816	824	833	rBV	2731861	4802925	55.10%	6.284%
8	8.151	897	904	910	rBV	537133	902448	10.35%	1.181%
9	8.474	951	959	967	rBV	1886183	3378978	38.76%	4.421%
10	9.326	1096	1104	1114	rVB	1787313	3248570	37.27%	4.250%
11	10.977	1378	1385	1393	rBV	736490	1391644	15.97%	1.821%
12	13.416	1791	1800	1809	rBV	4535495	7058205	80.97%	9.235%
13	14.238	1933	1940	1947	rBV	1127170	1642608	18.84%	2.149%
14	14.526	1982	1989	1996	rBV	55185	113841	1.31%	0.149%
15	14.796	2028	2035	2043	rVB2	1151257	1946635	22.33%	2.547%
16	15.619	2171	2175	2180	rVB3	78439	106183	1.22%	0.139%
17	16.295	2283	2290	2298	rBV	3851940	6018546	69.05%	7.875%
18	16.477	2317	2321	2326	rBV2	95419	175038	2.01%	0.229%
19	17.276	2453	2457	2461	rBV	124079	157650	1.81%	0.206%
20	17.552	2498	2504	2508	rBV	1500176	2217819	25.44%	2.902%
21	17.593	2508	2511	2517	rVB	358388	564413	6.47%	0.738%
22	17.687	2523	2527	2531	rVB2	67828	92277	1.06%	0.121%
23	17.910	2561	2565	2572	rBV9	91509	193516	2.22%	0.253%
24	18.016	2579	2583	2587	rBV3	91168	114014	1.31%	0.149%
25	18.416	2646	2651	2657	rBV3	344719	628047	7.20%	0.822%
26	18.474	2657	2661	2667	rVB3	165121	283894	3.26%	0.371%
27	18.621	2680	2686	2690	rBV4	160165	330918	3.80%	0.433%
28	18.915	2733	2736	2740	rBV3	71626	99976	1.15%	0.131%
29	19.274	2793	2797	2802	rBV3	203203	304669	3.50%	0.399%
30	19.332	2803	2807	2813	rVB2	139460	212595	2.44%	0.278%
31	19.479	2827	2832	2838	rBV7	100330	221274	2.54%	0.290%
32	19.603	2847	2853	2859	rVB	1161712	1693436	19.43%	2.216%
33	19.926	2904	2908	2910	rBV	170226	256610	2.94%	0.336%
34	19.961	2910	2914	2921	rVB	1097144	1656896	19.01%	2.168%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023153.D
Acq On : 16 Jul 2016 19:04
Operator : UM/SJ
Sample : H3951-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB03(5-7ft)

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-BG070816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.031	2923	2926	2930	rVB5	116062	146827	1.68%	0.192%
36	20.149	2941	2946	2952	rBV	6283032	8716829	100.00%	11.405%
37	20.549	3011	3014	3017	rVB2	133520	172407	1.98%	0.226%
38	20.613	3022	3025	3028	rVB	145223	164524	1.89%	0.215%
39	20.748	3046	3048	3051	rBV2	117365	123844	1.42%	0.162%
40	21.459	3167	3169	3174	rVB3	166325	204628	2.35%	0.268%
41	21.853	3228	3236	3241	rBV2	1650827	3738565	42.89%	4.891%
42	21.906	3241	3245	3257	rVB	579364	1041418	11.95%	1.363%
43	24.156	3622	3628	3635	rBV2	305643	1002959	11.51%	1.312%
44	25.067	3777	3783	3793	rVB	386558	1116116	12.80%	1.460%
45	25.231	3802	3811	3820	rBV	699824	2120547	24.33%	2.774%

Sum of corrected areas: 76430257

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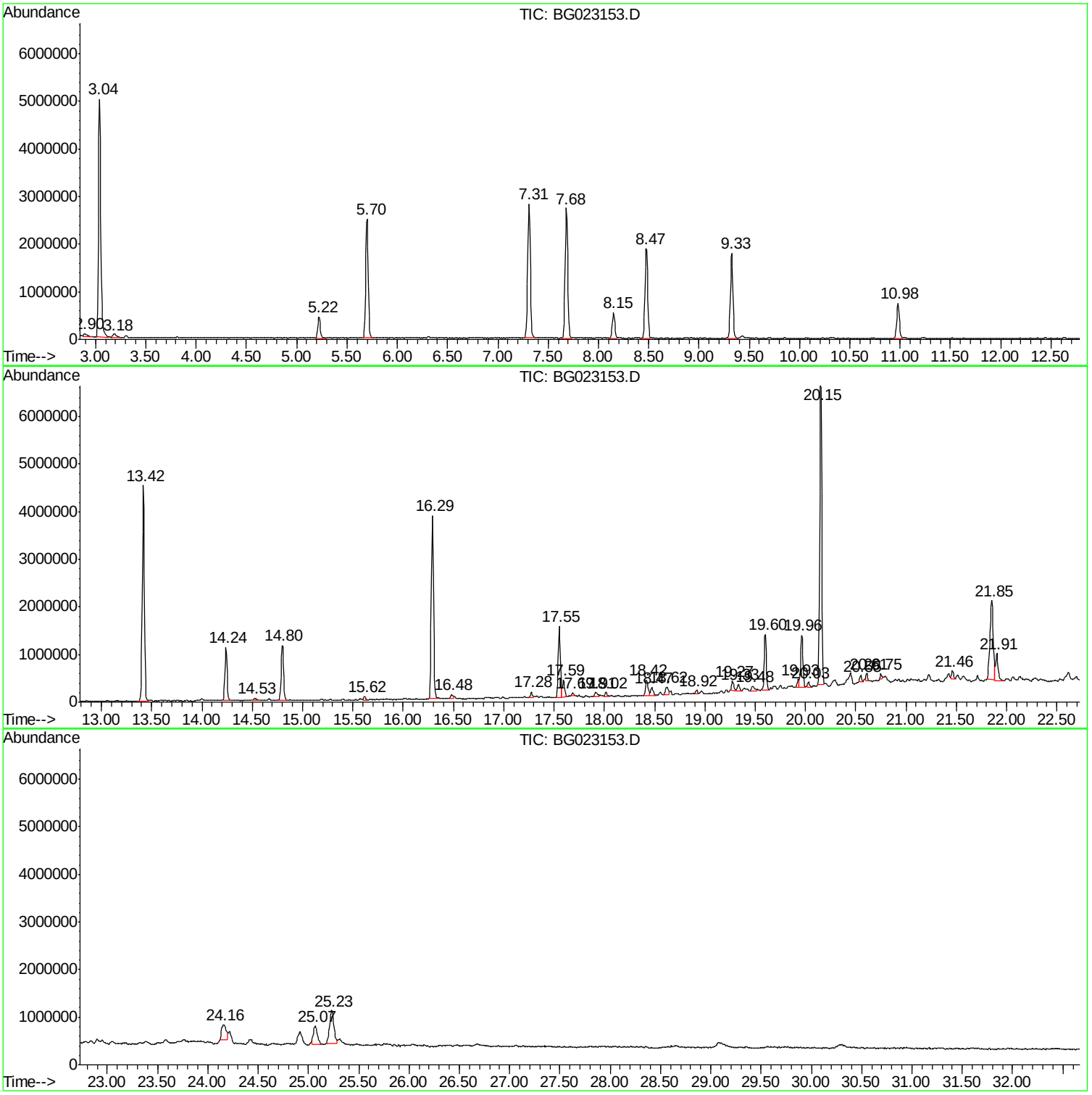
Operator : UM/SJ
Sample : H3951-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LSS-SB-SB03(5-7ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023153.D
Acq On : 16 Jul 2016 19:04
Operator : UM/SJ
Sample : H3951-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB03(5-7ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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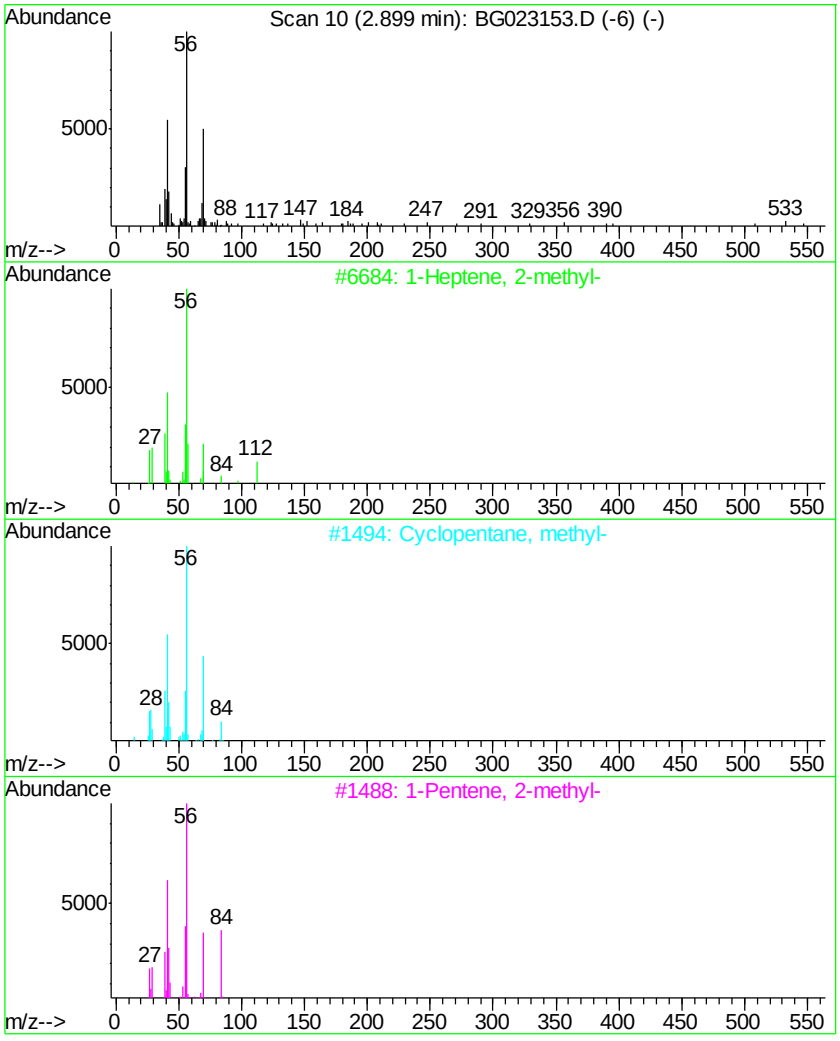
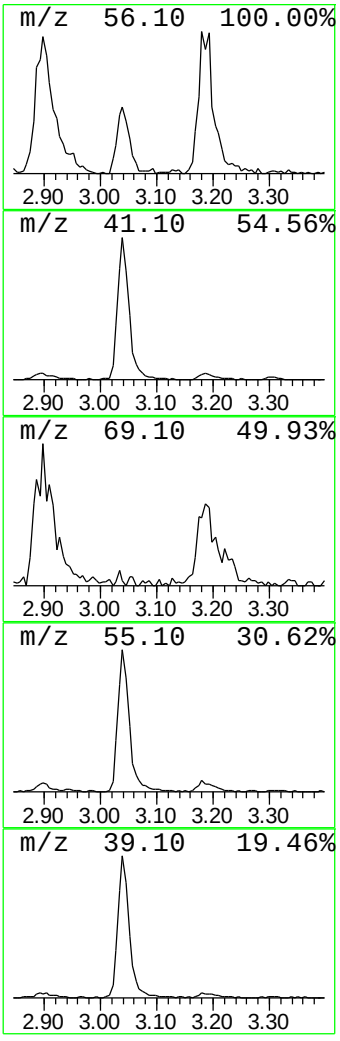
Peak Number 1 unknown2.90 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	3.75 ng	169121	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	42
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	42
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	42
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	36
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	36





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023153.D
Acq On : 16 Jul 2016 19:04
Operator : UM/SJ
Sample : H3951-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB03(5-7ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

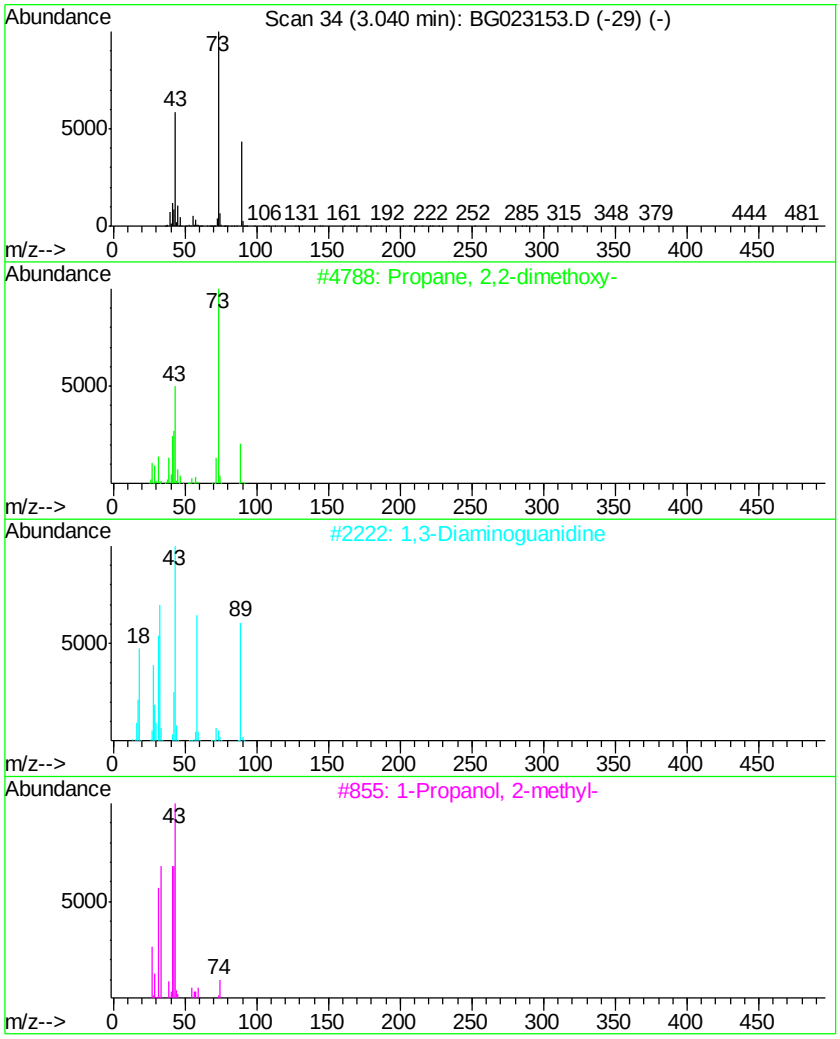
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

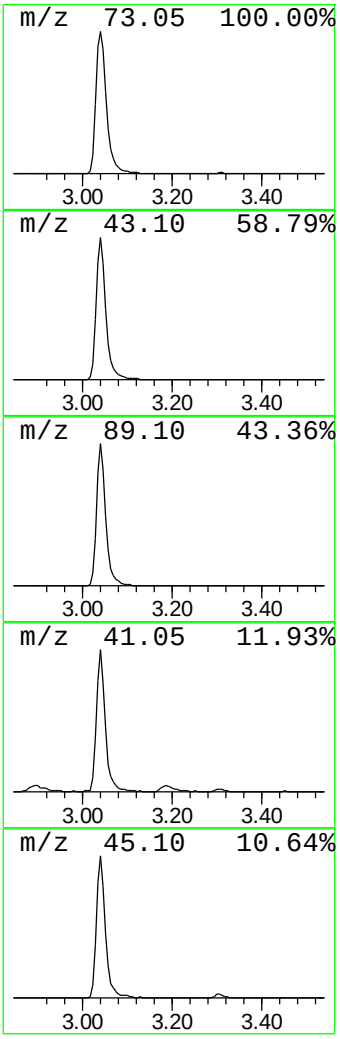
****

Peak Number 2 unknown3.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	170.50 ng	7693500	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	42
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	25
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023153.D
Acq On : 16 Jul 2016 19:04
Operator : UM/SJ
Sample : H3951-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB03(5-7ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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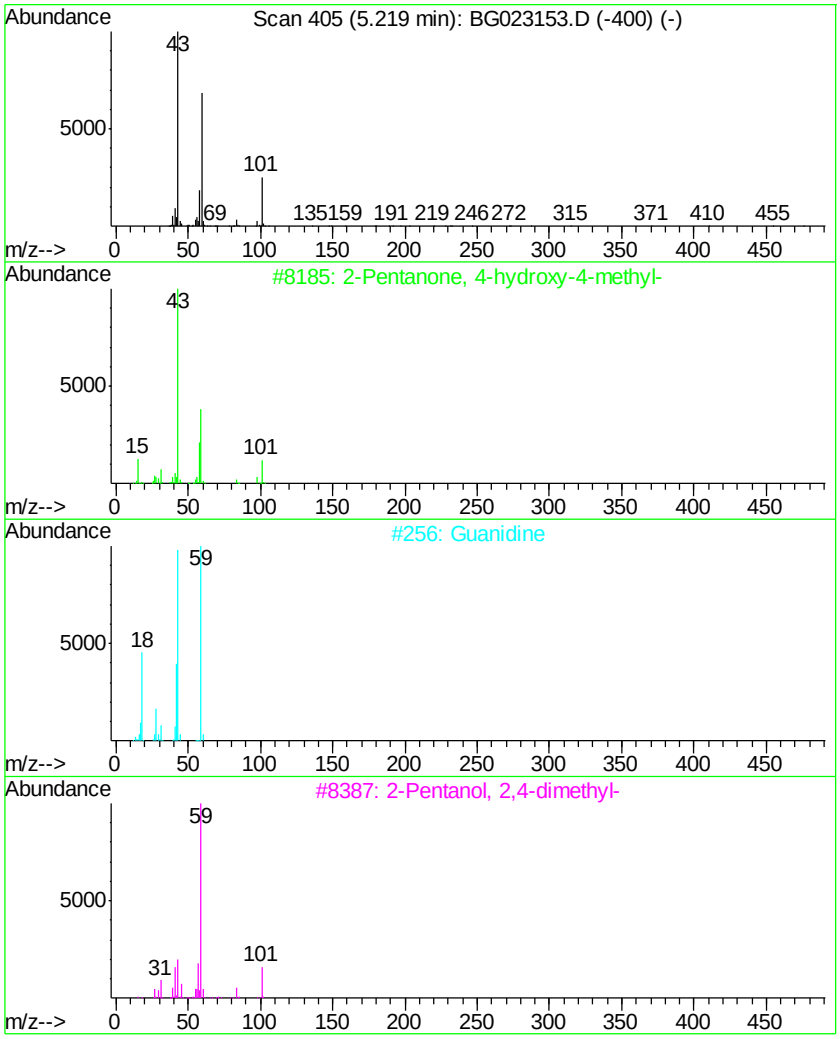
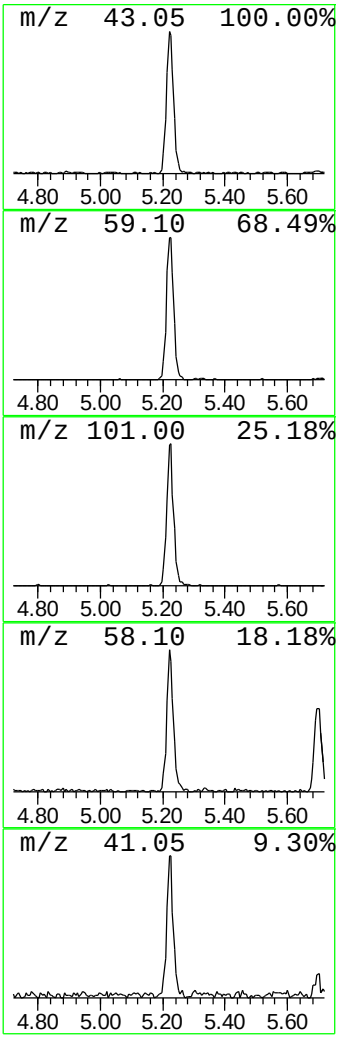
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	16.67 ng	752131	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Guanidine	59	CH5N3	000113-00-8	43
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023153.D
Acq On : 16 Jul 2016 19:04
Operator : UM/SJ
Sample : H3951-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LSS-SB-SB03(5-7ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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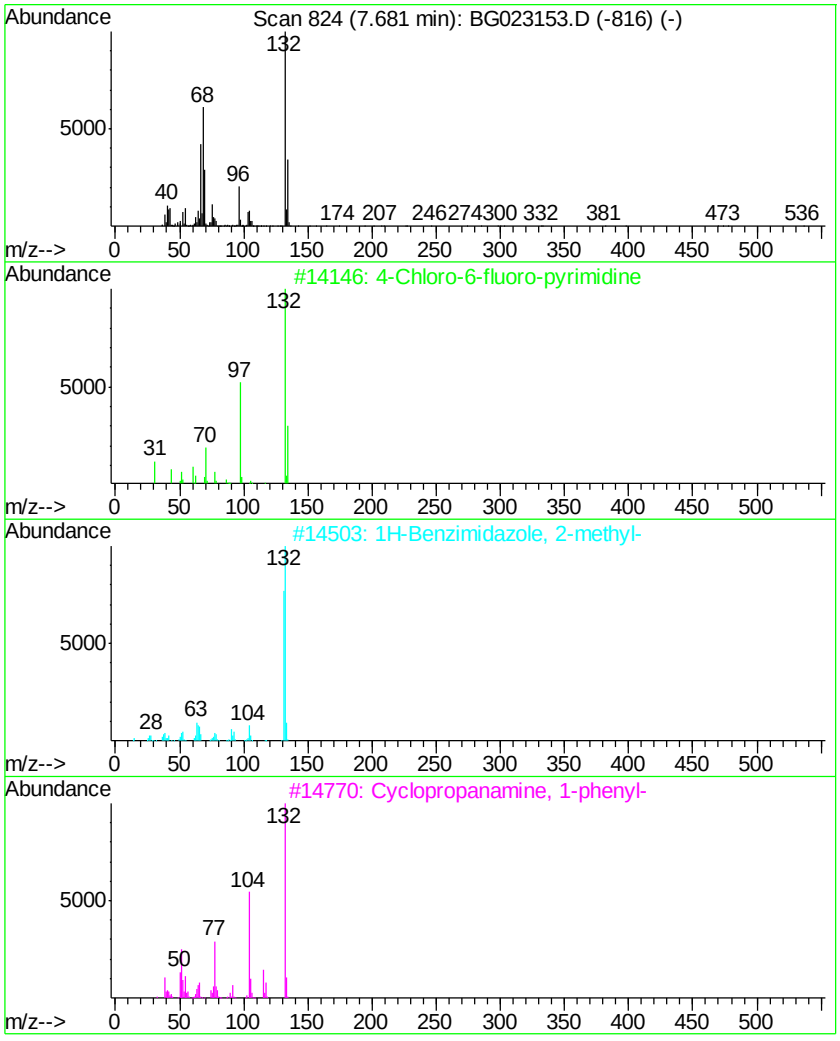
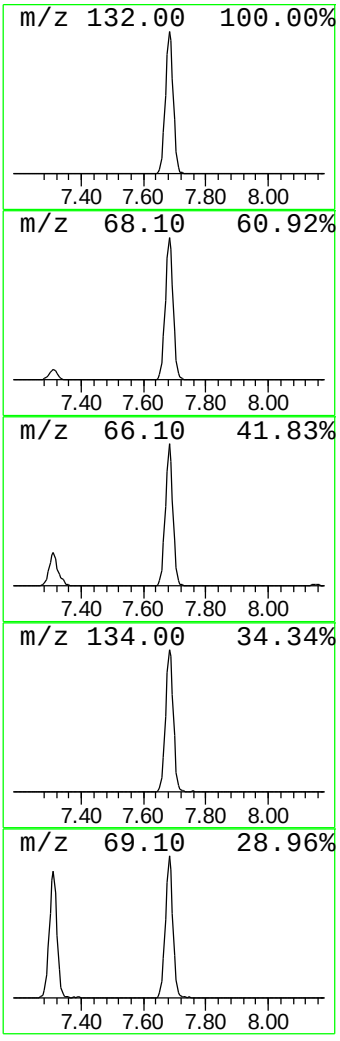
Peak Number 5 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	106.44 ng	4802930	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10





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Acq On : 16 Jul 2016 19:04
Operator : UM/SJ
Sample : H3951-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB03(5-7ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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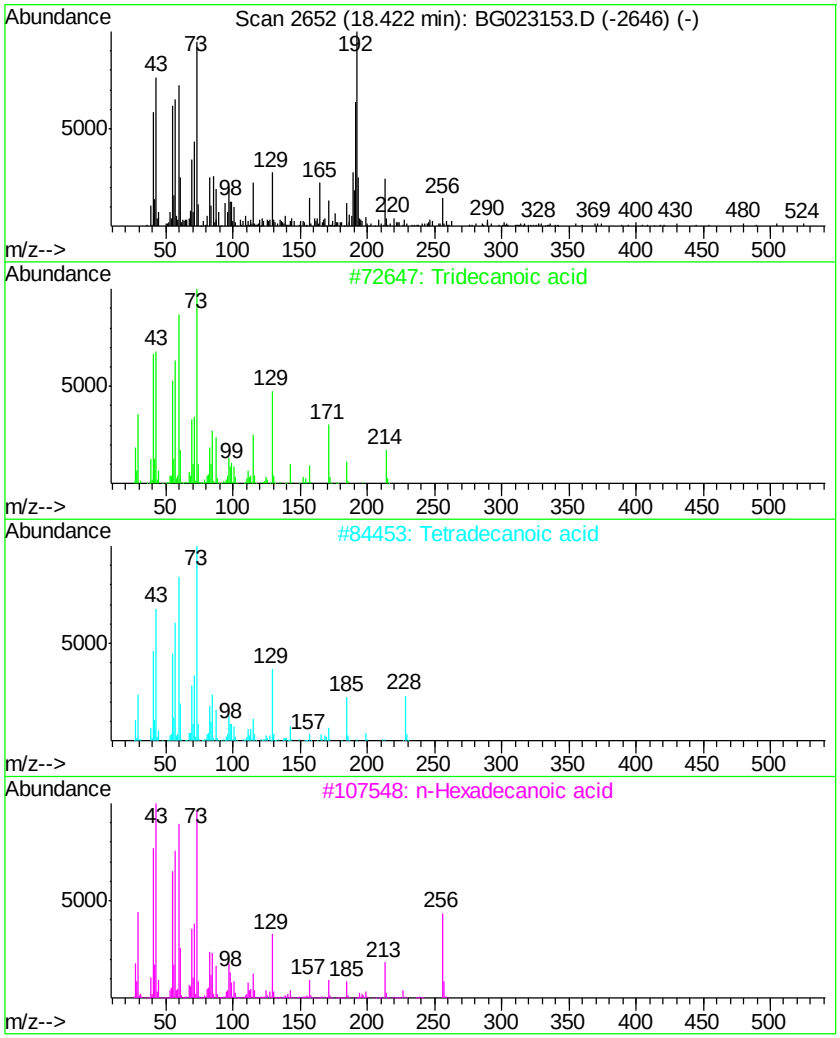
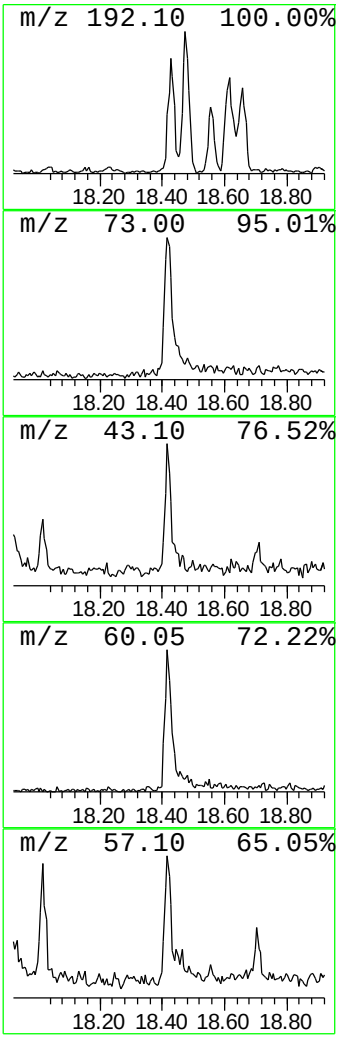
Peak Number 7 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	5.66 ng	628047	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	78
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	55
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	25





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Acq On : 16 Jul 2016 19:04
Operator : UM/SJ
Sample : H3951-09
Misc :
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Instrument : BNA_G
ClientSampleId : LSS-SB-SB03(5-7ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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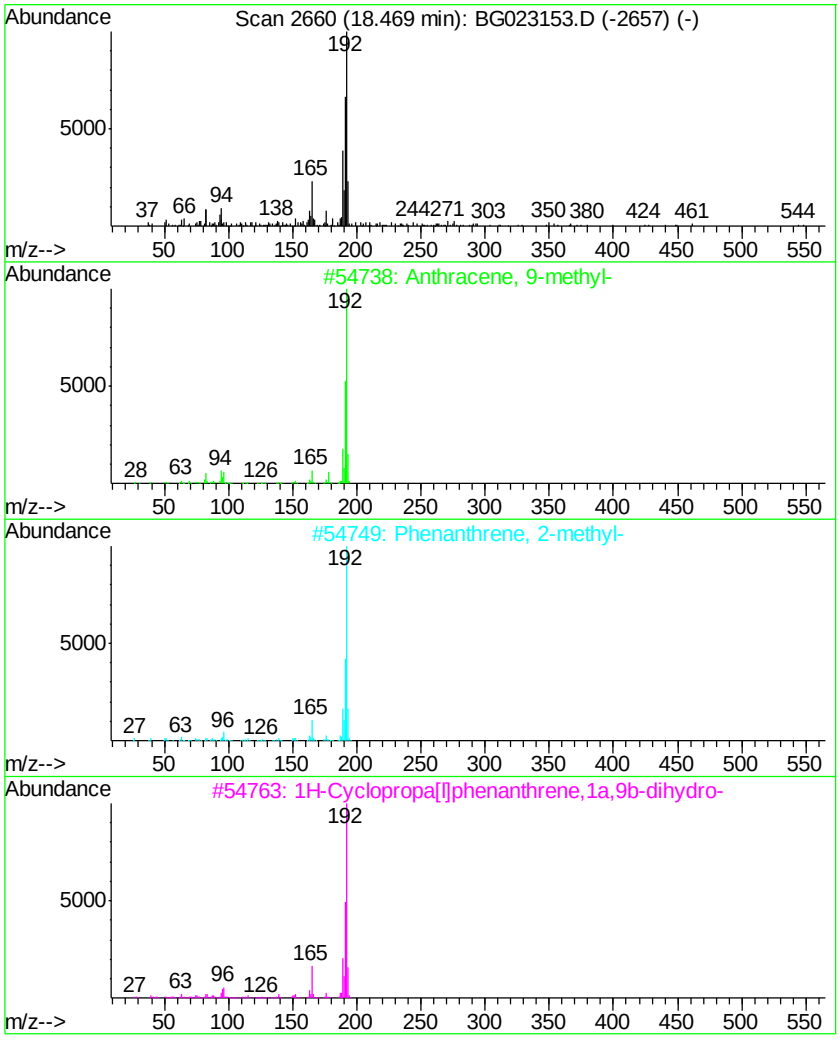
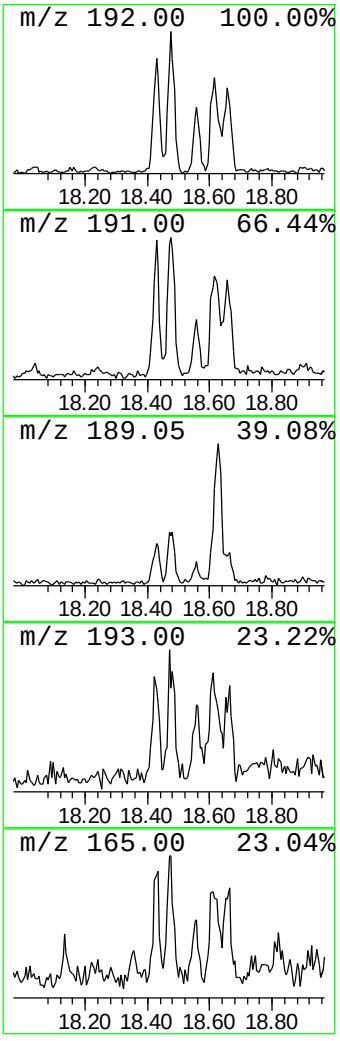
Peak Number 8 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.56 ng	283894	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	76
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76





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Operator : UM/SJ
Sample : H3951-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB03(5-7ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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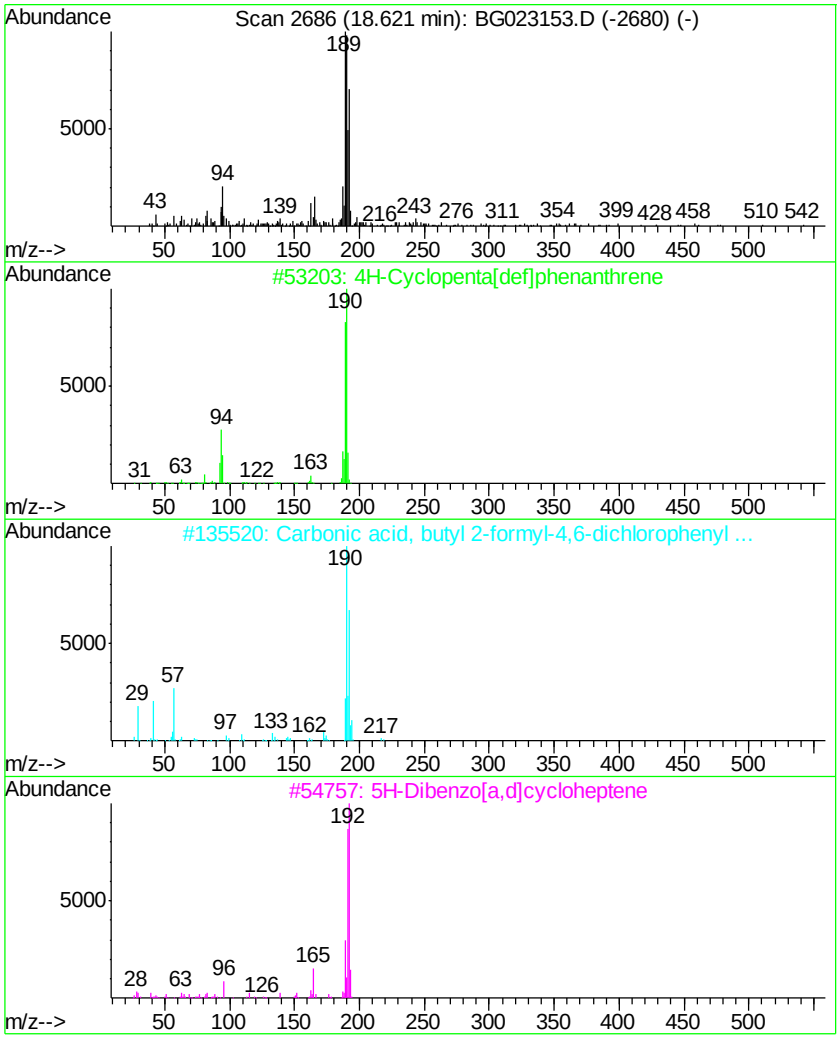
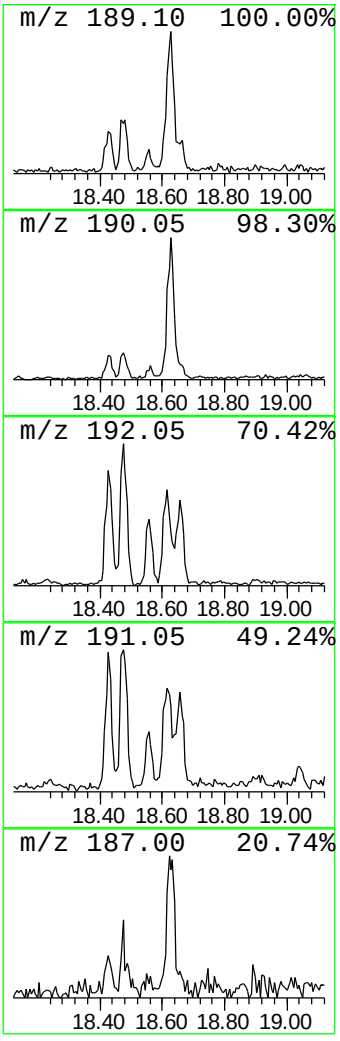
Peak Number 9 unknown18.62 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	2.98 ng	330918	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
2	Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	25
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	20
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	18
5	2-Bromo-4-fluorophenol	190	C6H4BrFO	000496-69-5	16





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023153.D
Acq On : 16 Jul 2016 19:04
Operator : UM/SJ
Sample : H3951-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB03(5-7ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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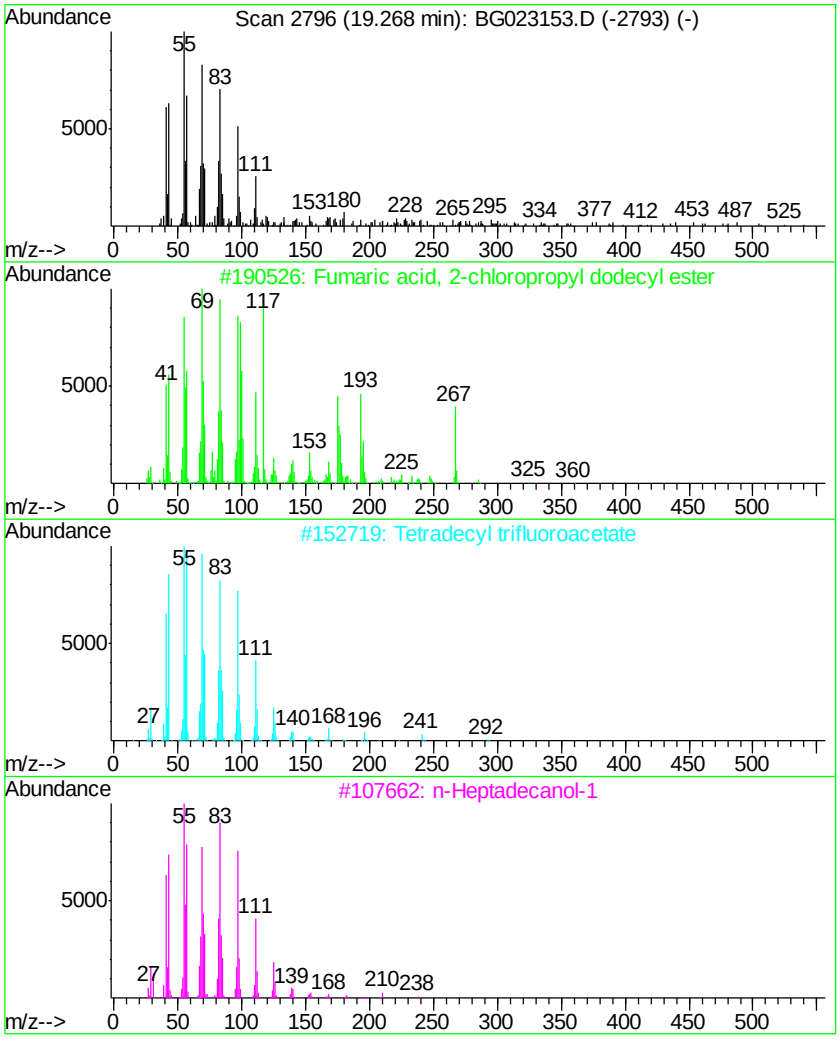
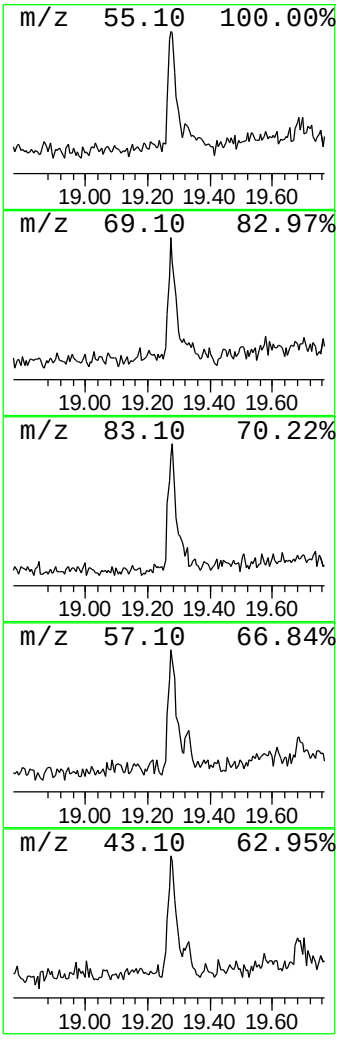
Peak Number 10 Fumaric acid, 2-chloropropy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.75 ng	304669	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-chloropropyl dod...	360	C19H33ClO4	1000348-57-0	95
2	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	74
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	70
4	1-Hexadecanol	242	C16H34O	036653-82-4	70
5	Cetene	224	C16H32	000629-73-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023153.D
Acq On : 16 Jul 2016 19:04
Operator : UM/SJ
Sample : H3951-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LSS-SB-SB03(5-7ft)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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
unknown2.90	2.90	3.8	ng	169121	1	8.15	902448	20.0
unknown3.04	3.04	170.5	ng	7693500	1	8.15	902448	20.0
2-Pentanone, 4-hy...	5.22	16.7	ng	752131	1	8.15	902448	20.0
unknown7.68	7.68	106.4	ng	4802930	1	8.15	902448	20.0
Tridecanoic acid	18.42	5.7	ng	628047	4	17.55	2217820	20.0
Anthracene, 9-met...	18.47	2.6	ng	283894	4	17.55	2217820	20.0
unknown18.62	18.62	3.0	ng	330918	4	17.55	2217820	20.0
Fumaric acid, 2-c...	19.27	2.8	ng	304669	4	17.55	2217820	20.0