LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022902.D
Acq On : 7 Jul 2016 19:22
Operator : UM/SJ
Sample : H3840-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-3

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	5.696	479	486	495	rBV	1324087	2080859	19.05%	3.875%
2	7.300	752	759	768	rBV	1000570	1721875	15.76%	3.206%
3	7.682	816	824	835	rBV	1900696	3276702	30.00%	6.102%
4	7.917	858	864	871	rBV	79364	119813	1.10%	0.223%
5	8.152	894	904	912	rVB	352608	637884	5.84%	1.188%
6	8.481	951	960	968	rBV	1288603	2297057	21.03%	4.277%
7	9.327	1096	1104	1116	rBV	1243636	2367036	21.67%	4.408%
8	10.984	1379	1386	1393	rVB	492254	893372	8.18%	1.664%
9	13.416	1791	1800	1807	rBV	3758217	5788998	53.00%	10.780%
10	14.239	1934	1940	1947	rBV	288708	413251	3.78%	0.770%
11	14.797	2028	2035	2056	rBV2	955333	1816087	16.63%	3.382%
12	16.289	2279	2289	2297	rBV	4245596	6670404	61.07%	12.421%
13	17.553	2498	2504	2518	rBV2	1452357	2236656	20.48%	4.165%
14	17.899	2558	2563	2576	rBV	828378	1443730	13.22%	2.688%
15	18.422	2647	2652	2663	rBV	333985	519624	4.76%	0.968%
16	19.685	2863	2867	2873	rBV2	205051	287356	2.63%	0.535%
17	19.791	2880	2885	2897	rBV	1992936	2969244	27.18%	5.529%
18	20.155	2941	2947	2953	rBV	7984906	10922596	100.00%	20.339%
19	21.301	3137	3142	3153	rVB	857021	1362072	12.47%	2.536%
20	21.454	3164	3168	3174	rBV9	88316	178713	1.64%	0.333%
21	21.842	3225	3234	3243	rVB2	1575875	2703540	24.75%	5.034%
22	23.023	3431	3435	3443	rBV2	161968	373850	3.42%	0.696%
23	25.185	3793	3803	3816	rVB3	876558	2621660	24.00%	4.882%

Sum of corrected areas: 53702379

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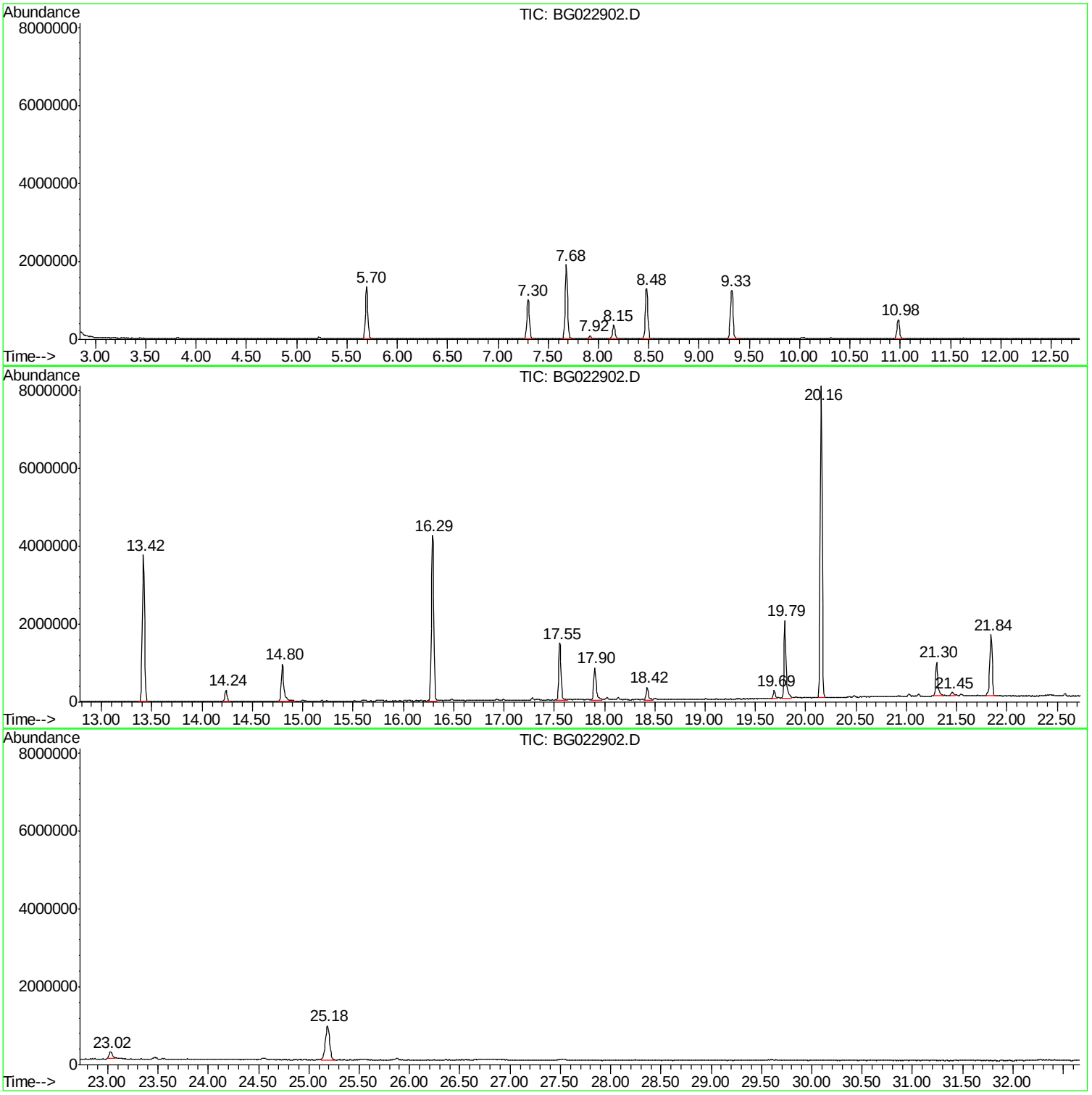
Instrument : BNA_G
ClientSampleId : PZ-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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\BG070816\
Data File : BG022902.D
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Operator : UM/SJ
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TIC Library : C:\DATABASE\NIST02.L
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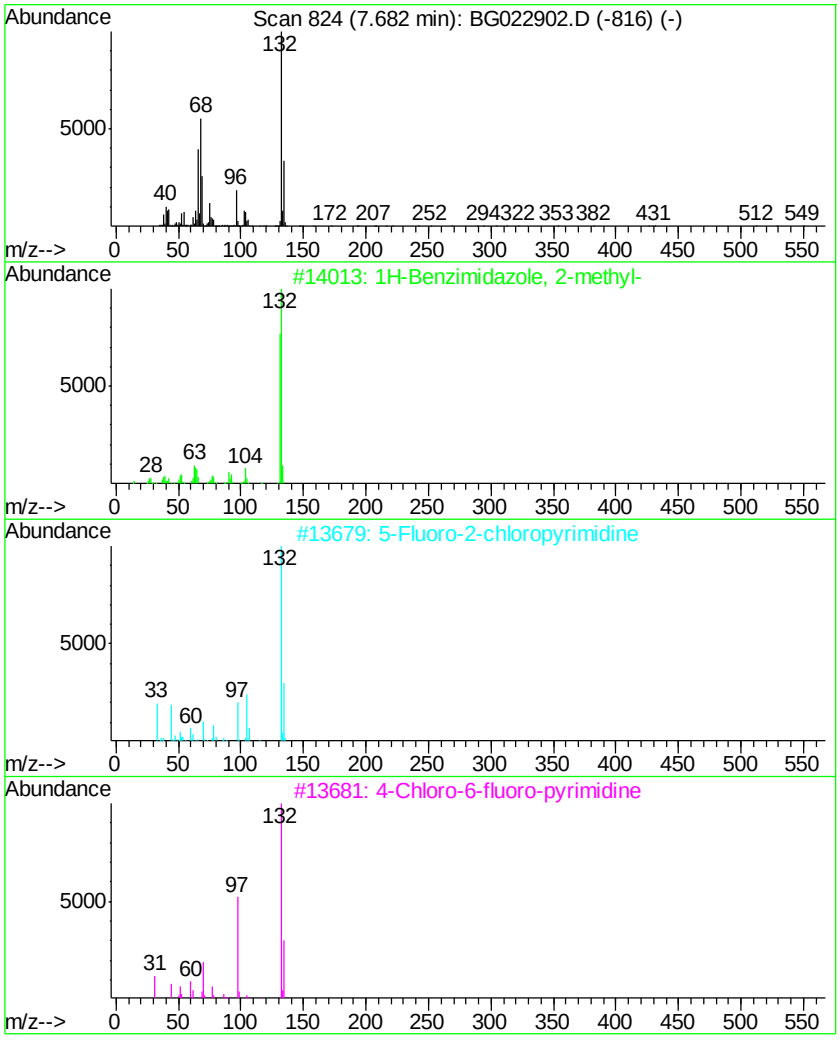
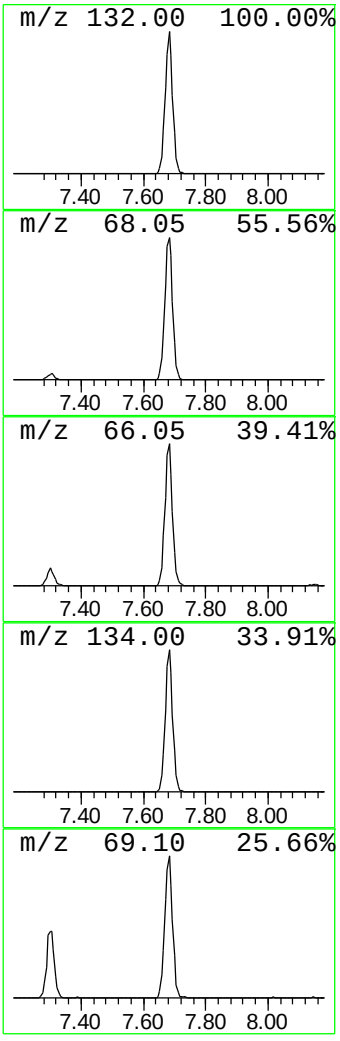
Peak Number 1 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	102.74 ng	3276700	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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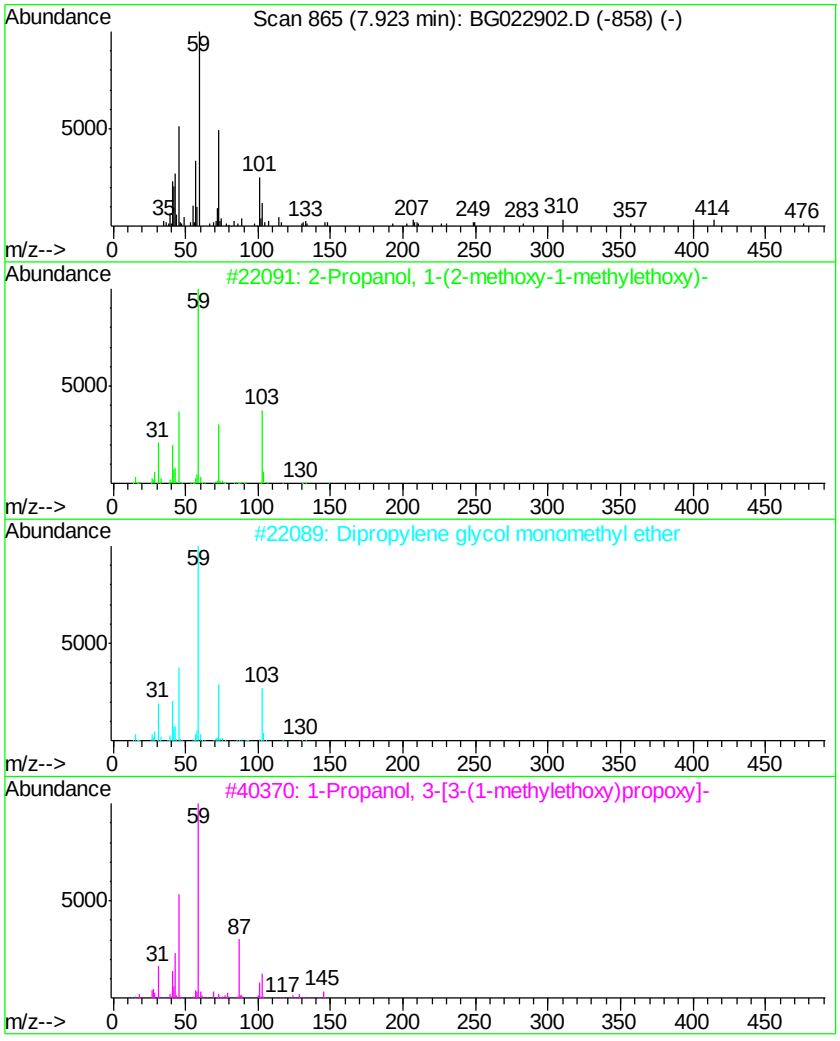
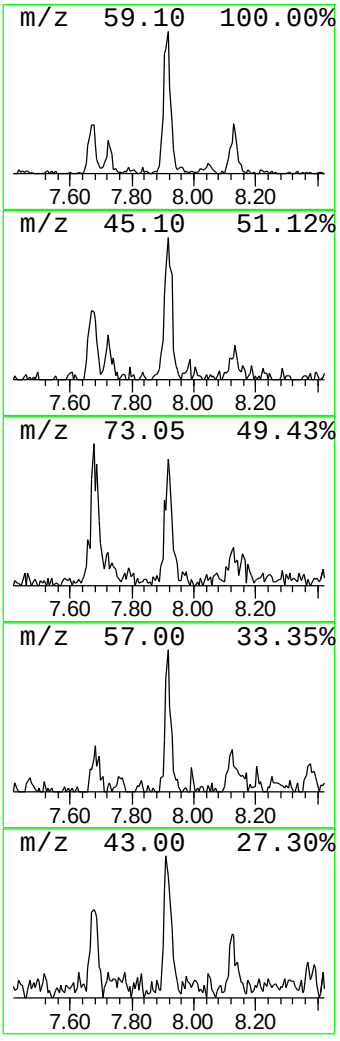
Peak Number 2 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	3.76 ng	119813	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	64
2	Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	64
3	1-Propanol, 3-[3-(1-methylethoxy...	176	C9H20O3	054518-03-5	53
4	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	50
5	3-Octanol	130	C8H18O	020296-29-1	38





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Operator : UM/SJ
Sample : H3840-02
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-3

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

TIC Library : C:\DATABASE\NIST02.L
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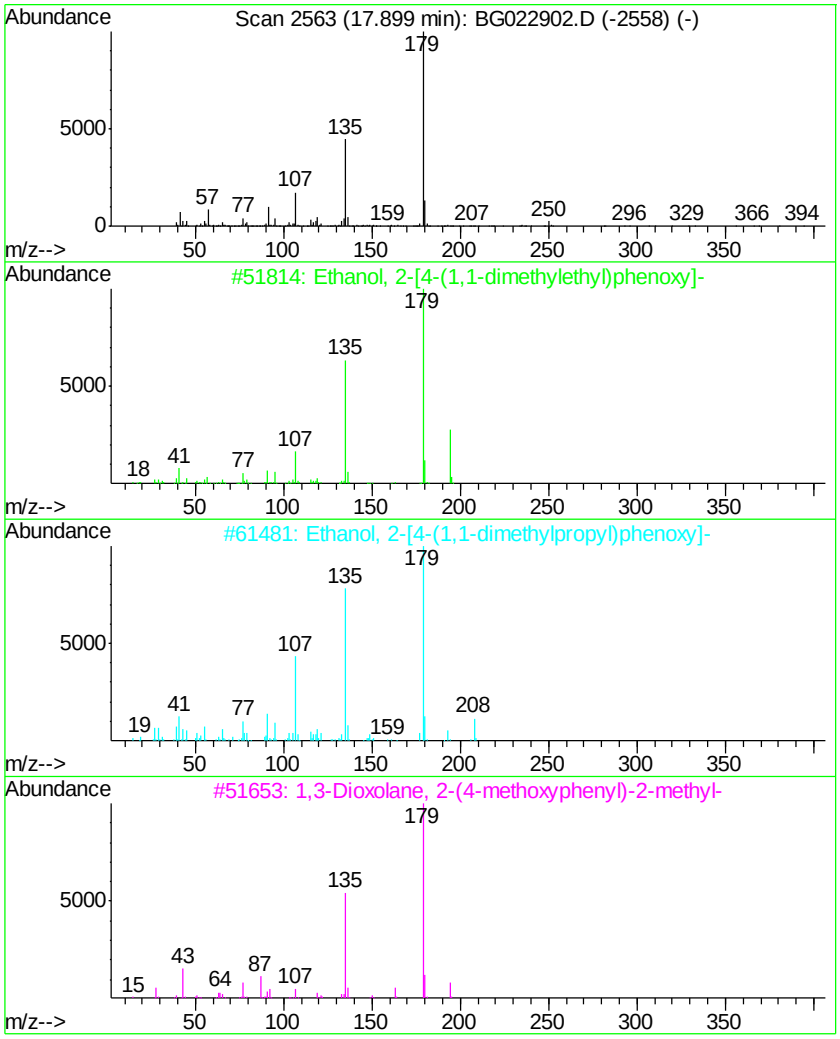
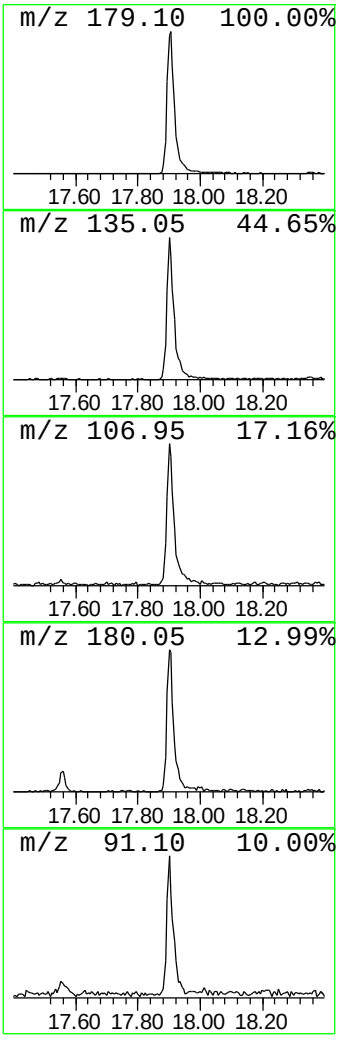
Peak Number 4 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	12.91 ng	1443730	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	78
2	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	64
3	1,3-Dioxolane, 2-(4-methoxyphenv...	194	C11H14O3	036881-00-2	56
4	[2-(4-Methoxy-phenyl)-[1,3]dioxo...	238	C12H14O5	1000193-22-2	40
5	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022902.D
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Operator : UM/SJ
Sample : H3840-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-3

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

TIC Library : C:\DATABASE\NIST02.L
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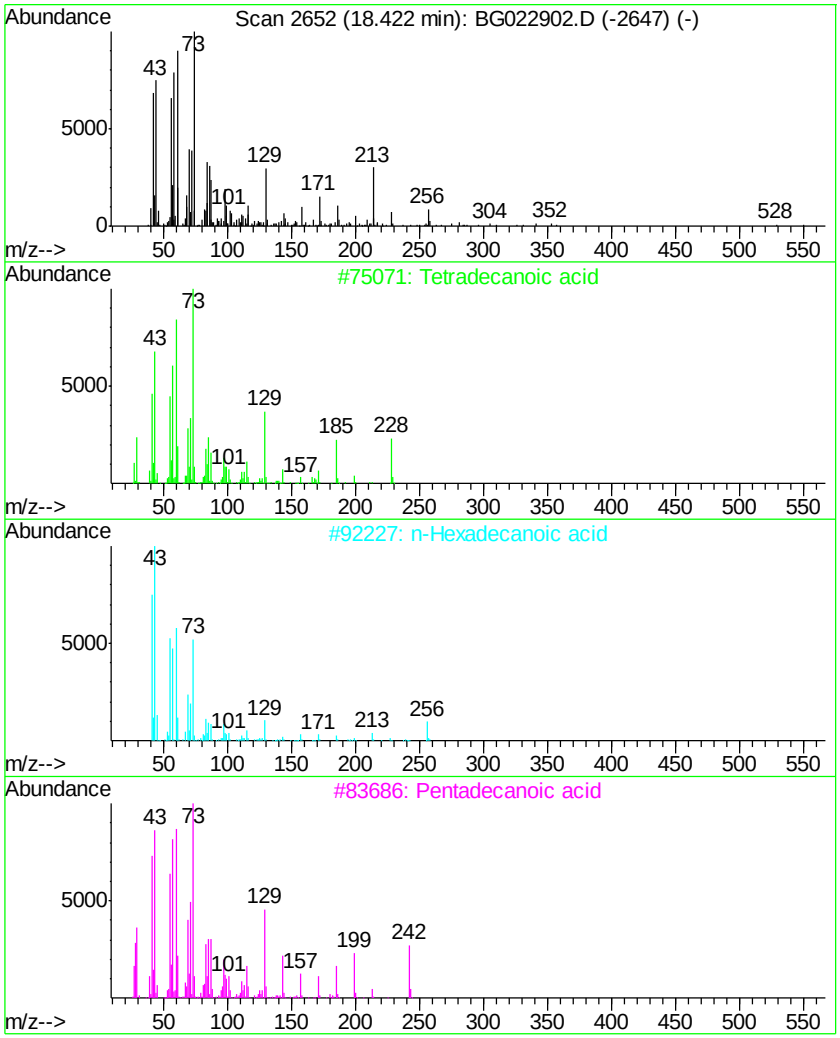
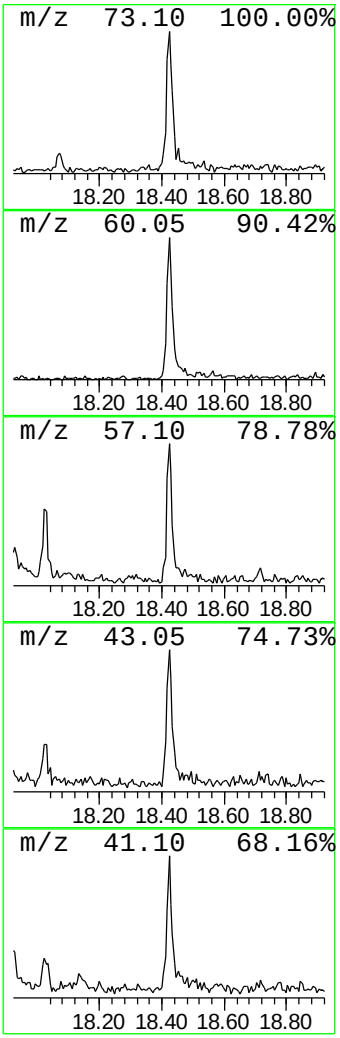
Peak Number 5 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.65 ng	519624	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Amyl Nitrite	117	C5H11NO2	000110-46-3	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
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Operator : UM/SJ
Sample : H3840-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-3

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

TIC Library : C:\DATABASE\NIST02.L
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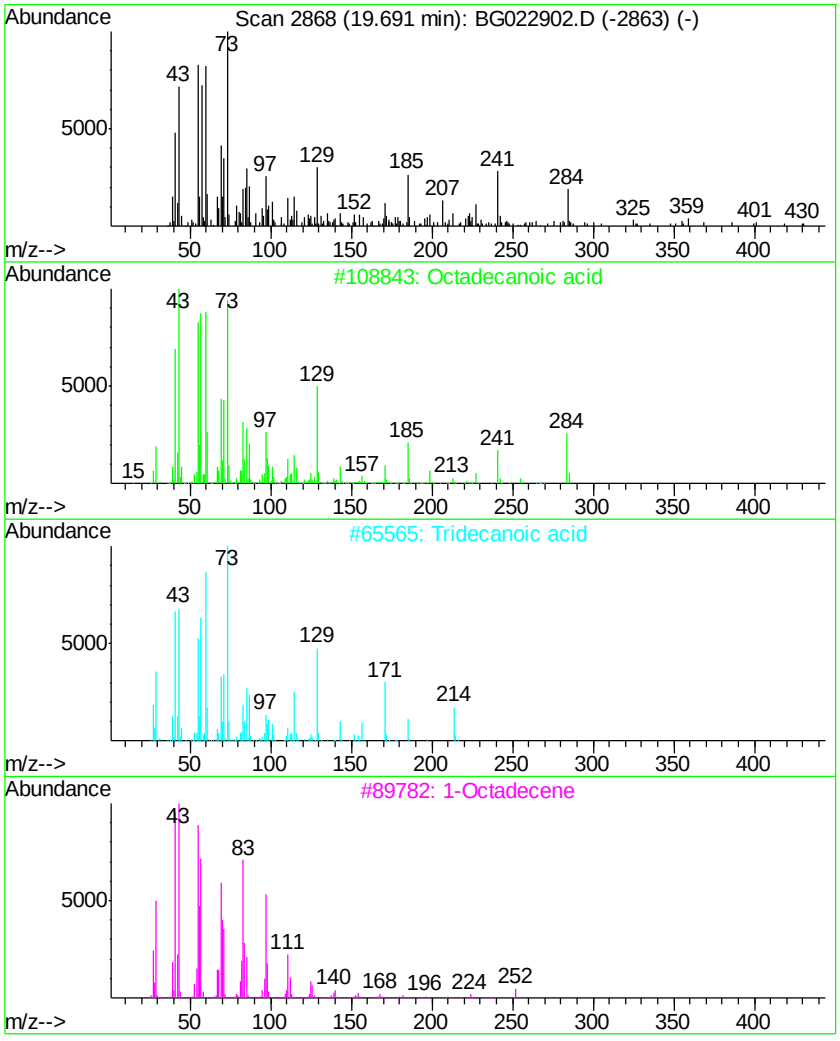
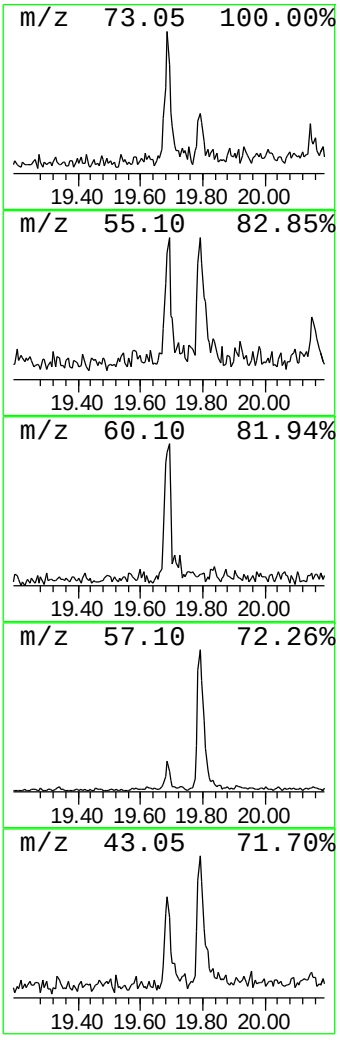
Peak Number 6 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	2.57 ng	287356	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	38
3	1-Octadecene	252	C18H36	000112-88-9	25
4	n-Decanoic acid	172	C10H20O2	000334-48-5	22
5	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	15





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Operator : UM/SJ
Sample : H3840-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-3

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

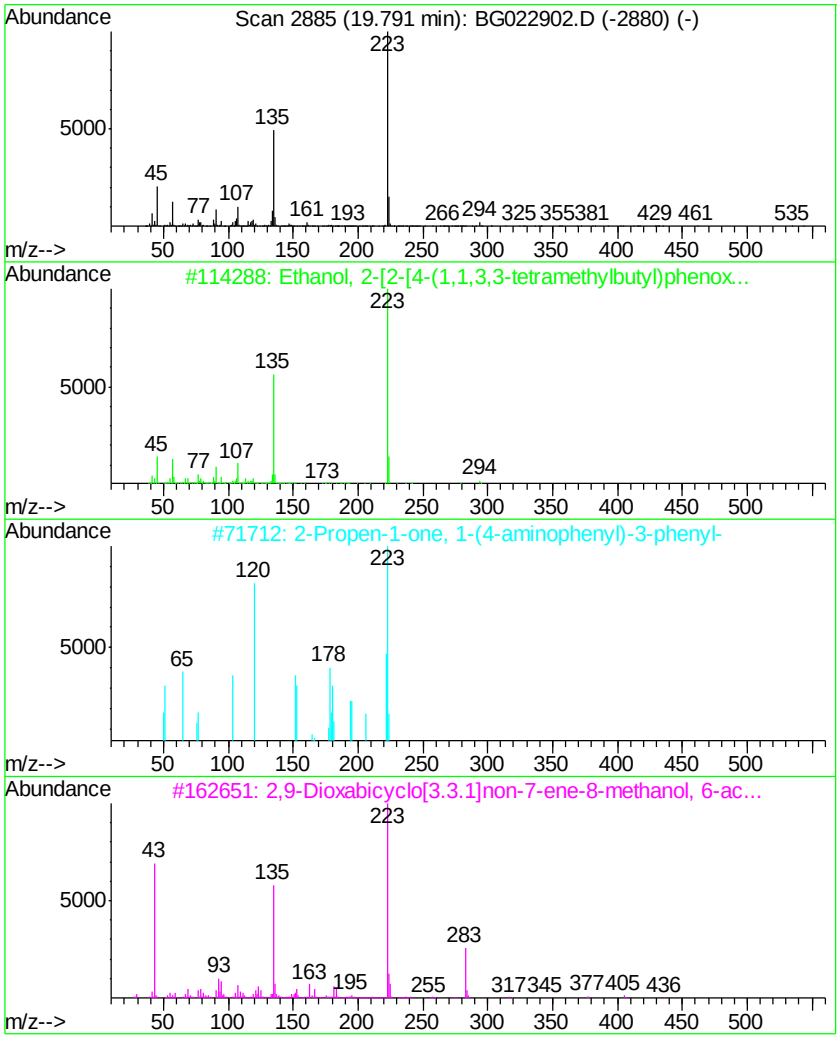
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

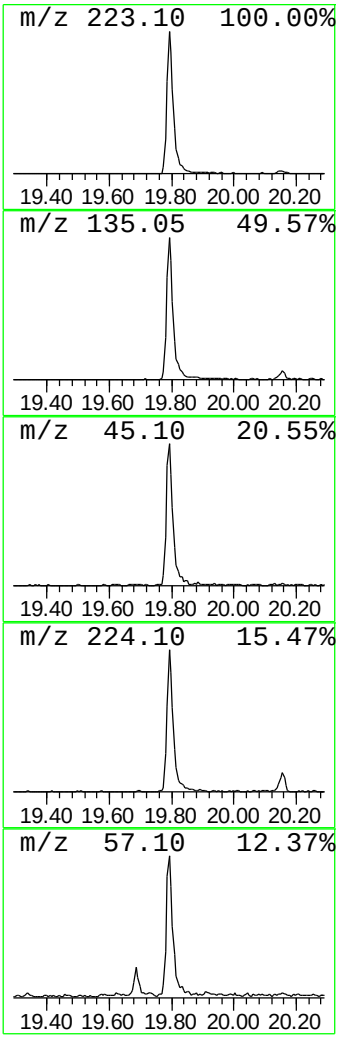
****

Peak Number 7 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	21.97 ng	2969240	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	96
2	2-Propen-1-one, 1-(4-aminophenyl...	223	C15H13NO	002403-30-7	43
3	2,9-Dioxabicyclo[3.3.1]non-7-ene...	436	C23H32O8	1000196-04-6	39
4	Bentranil	223	C14H9NO2	001022-46-4	38
5	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	38





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Instrument : BNA_G
ClientSampleId : PZ-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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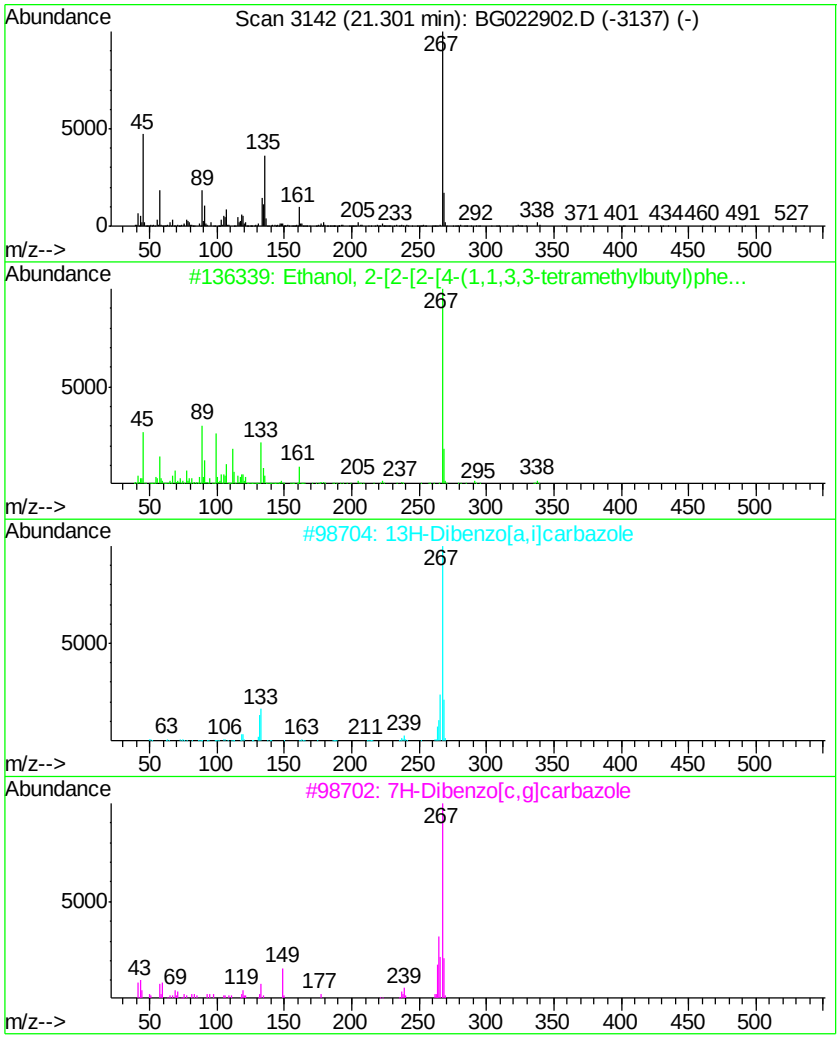
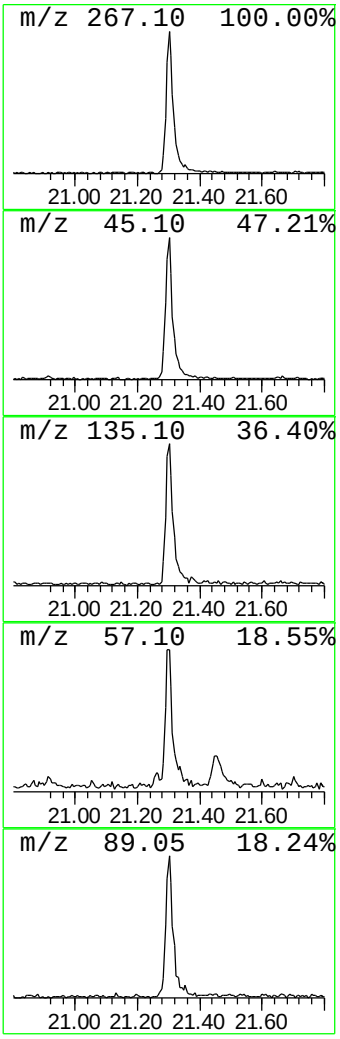
Peak Number 8 Ethanol, 2-[2-[2-[4-(1,1,3,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	10.08 ng	1362070	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	50
2	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	47
3	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	38
4	5H-Naphtho[2,3-c]carbazole	267	C20H13N	000198-96-9	38
5	Benzaldehyde, 2,4-bis(trimethyls...	282	C13H22O3Si2	033617-38-8	25





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TIC Library : C:\DATABASE\NIST02.L
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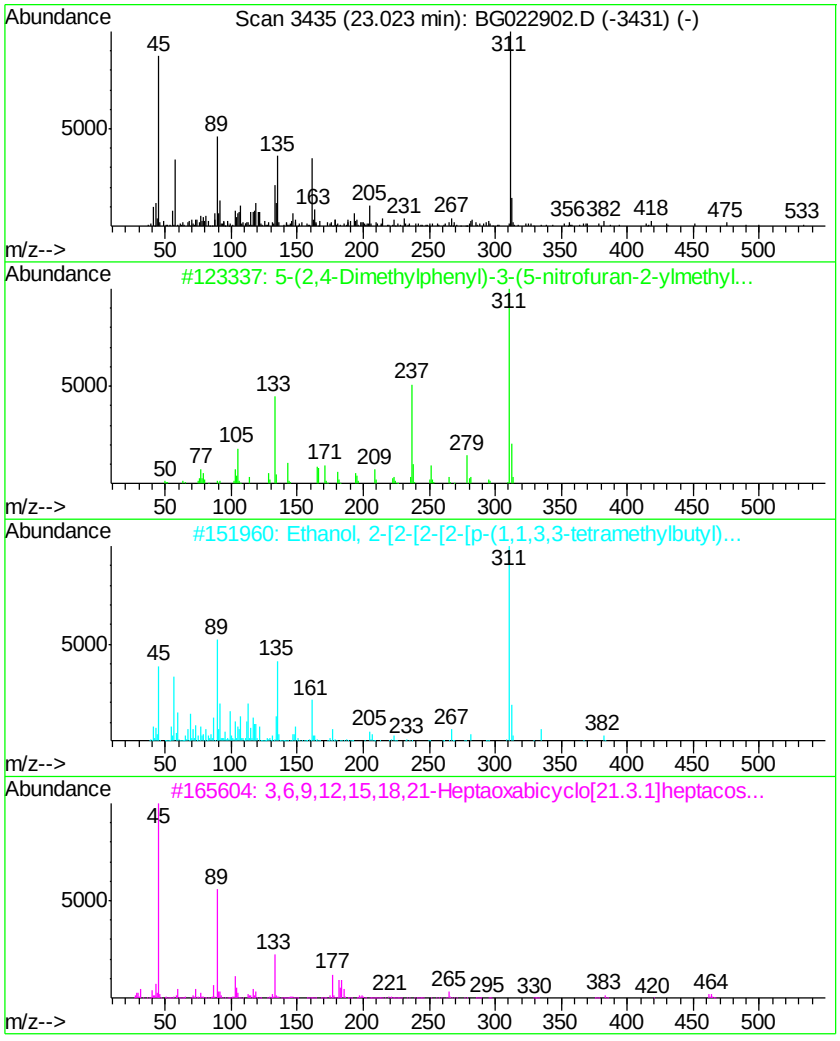
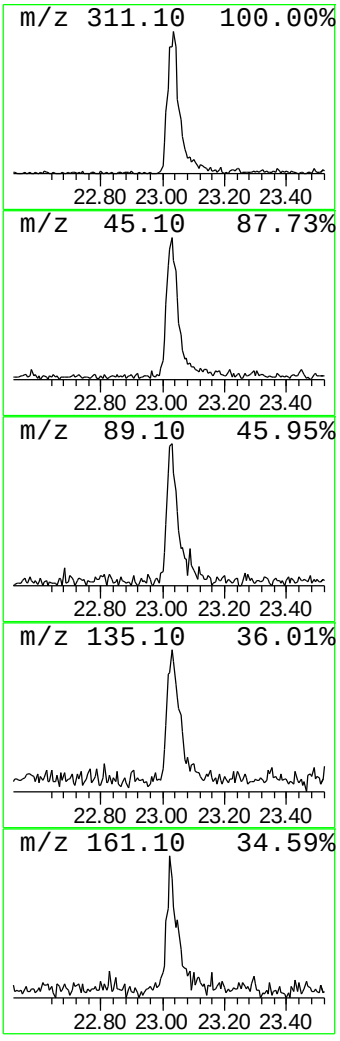
Peak Number 9 unknown23.02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.02	2.77 ng	373850	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(2,4-Dimethylphenyl)-3-(5-nitr...	311	C17H13NO5	309293-98-9	43
2	Ethanol, 2-[2-[2-[2-[p-(1,1,3,3-...	382	C22H38O5	002315-63-1	42
3	3,6,9,12,15,18,21-Heptaoxabicycl...	462	C20H31BrO7	111982-23-1	35
4	Hexaqol	282	C12H26O7	002615-15-8	32
5	18-Crown-6, 1-[2-(benzo-1,3,2-di...	458	C24H31BO8	1000161-60-9	32





Tentatively Identified Compound (LSC) summary

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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
unknown7.68	7.68	102.7	ng	3276700	1	8.15	637884	20.0
2-Propanol, 1-(2-...	7.92	3.8	ng	119813	1	8.15	637884	20.0
Ethanol, 2-[4-(1,...	17.90	12.9	ng	1443730	4	17.55	2236660	20.0
Tetradecanoic acid	18.42	4.7	ng	519624	4	17.55	2236660	20.0
Octadecanoic acid	19.69	2.6	ng	287356	4	17.55	2236660	20.0
Ethanol, 2-[2-[4-...	19.79	22.0	ng	2969240	5	21.84	2703540	20.0
Ethanol, 2-[2-[2-...	21.30	10.1	ng	1362070	5	21.84	2703540	20.0
unknown23.02	23.02	2.8	ng	373850	5	21.84	2703540	20.0