LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022905.D
Acq On : 7 Jul 2016 21:22
Operator : UM/SJ
Sample : H3840-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-12

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	5.700	480	487	498	rBV	958462	1563040	13.99%	3.066%
2	7.304	748	760	770	rBV	702525	1216988	10.89%	2.387%
3	7.680	816	824	836	rBV	1711683	3082968	27.59%	6.048%
4	8.156	896	905	912	rBV	366981	664239	5.94%	1.303%
5	8.479	952	960	968	rBV	1443930	2467527	22.08%	4.840%
6	9.325	1093	1104	1112	rBV	1423755	2590040	23.18%	5.081%
7	10.982	1377	1386	1393	rBV	570816	1011321	9.05%	1.984%
8	13.420	1793	1801	1810	rBV	3985080	6468913	57.89%	12.690%
9	14.237	1932	1940	1945	rBV2	165070	257051	2.30%	0.504%
10	14.801	2029	2036	2043	rBV2	1042714	1749952	15.66%	3.433%
11	16.293	2282	2290	2299	rBV	4411482	6991749	62.57%	13.715%
12	17.556	2499	2505	2514	rBV	1558334	2437265	21.81%	4.781%
13	17.897	2558	2563	2572	rBV	484768	801001	7.17%	1.571%
14	18.420	2648	2652	2660	rBV2	161837	247862	2.22%	0.486%
15	19.683	2864	2867	2873	rBV2	131717	183132	1.64%	0.359%
16	19.795	2881	2886	2899	rBV	843255	1356845	12.14%	2.662%
17	20.153	2941	2947	2956	rBV	8138753	11173613	100.00%	21.919%
18	21.299	3137	3142	3151	rVB	540351	839653	7.51%	1.647%
19	21.840	3228	3234	3242	rVB2	1617422	2825089	25.28%	5.542%
20	23.027	3431	3436	3444	rVB5	184175	373085	3.34%	0.732%
21	25.195	3795	3805	3814	rVB3	890896	2676210	23.95%	5.250%

Sum of corrected areas: 50977543

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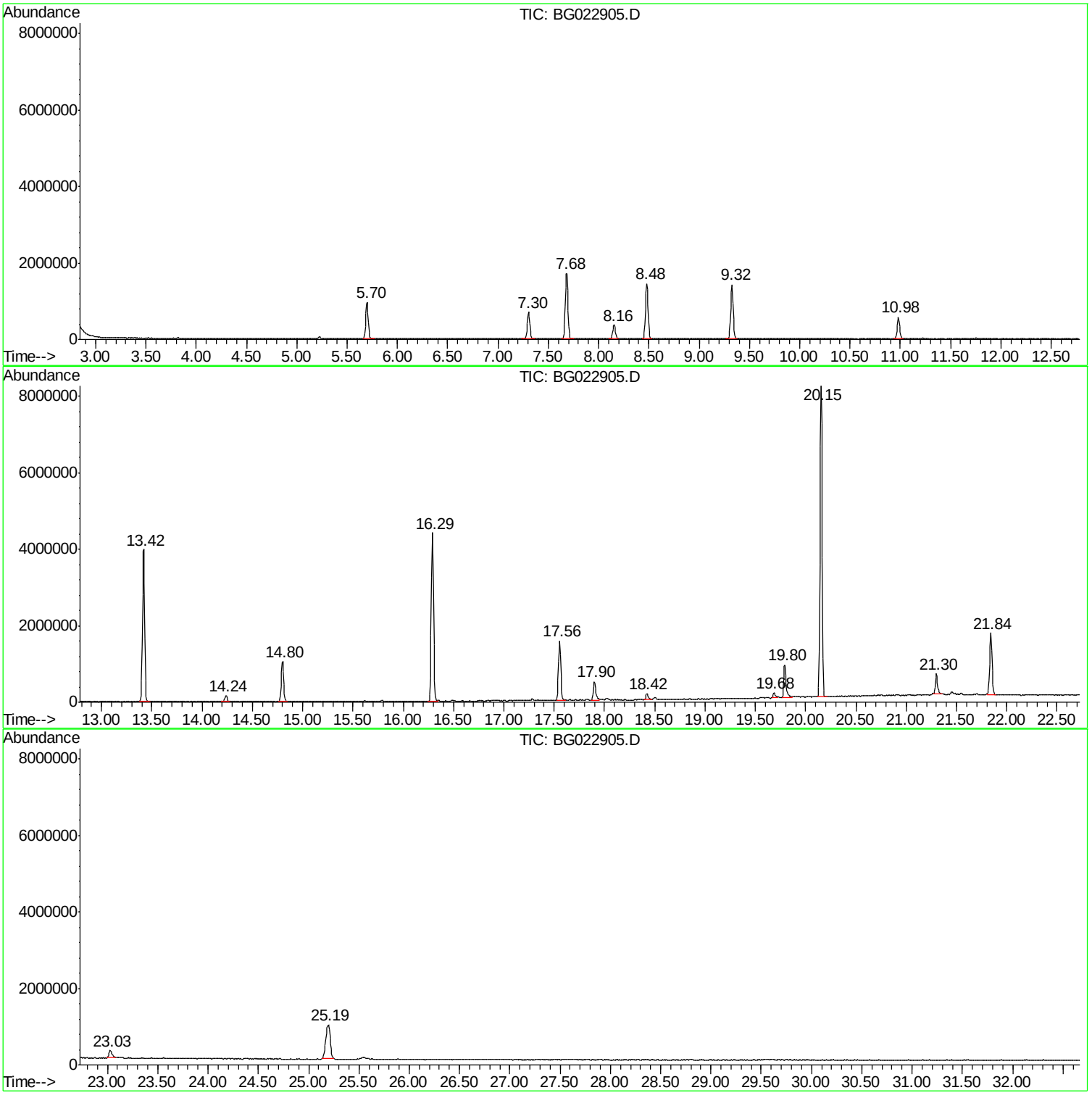
ClientSampleId : LIP-12

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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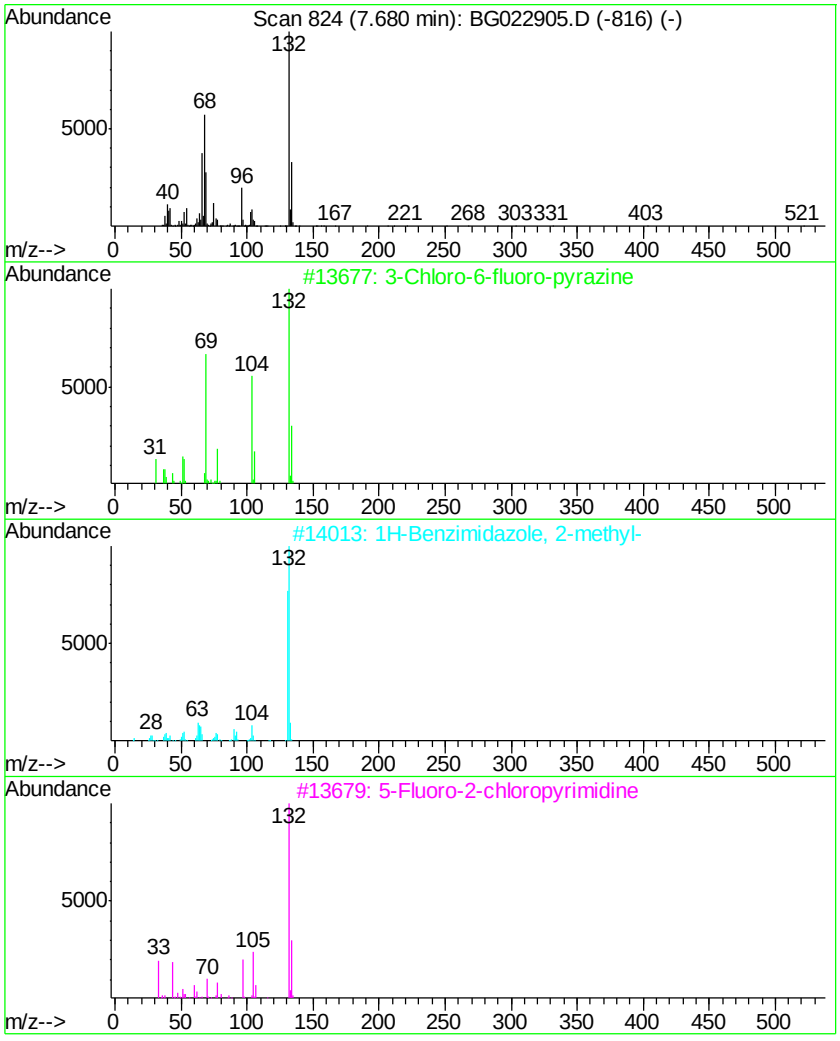
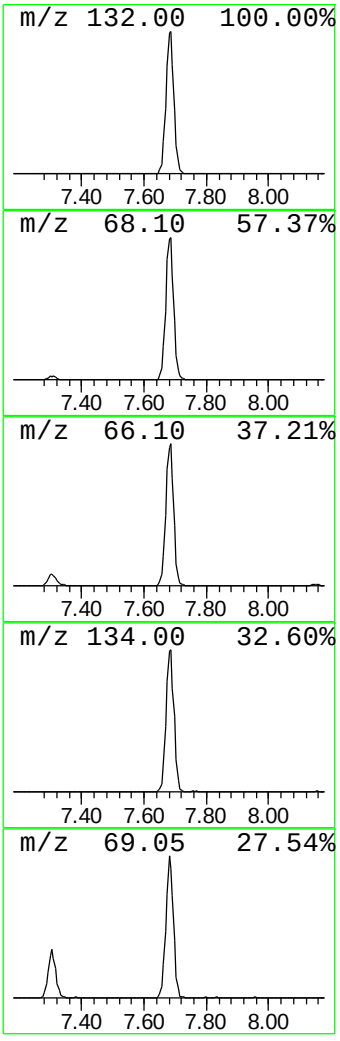
Peak Number 1 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	92.83 ng	3082970	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12





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ClientSampleId : LIP-12

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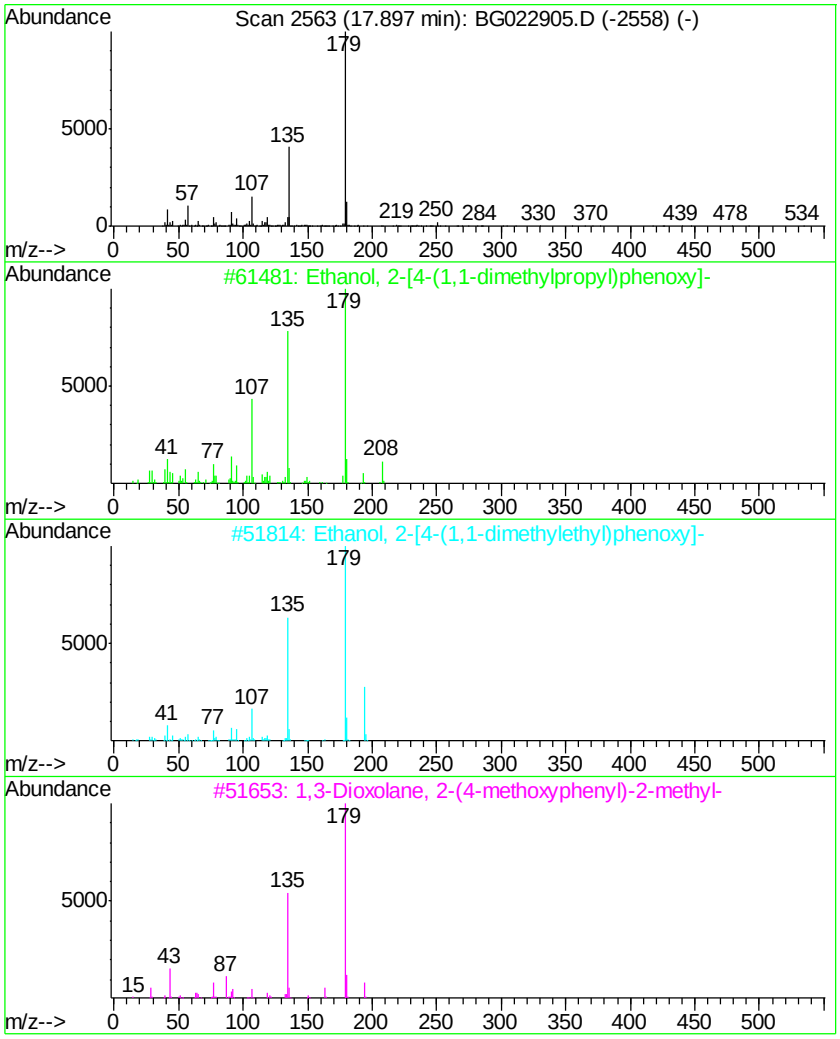
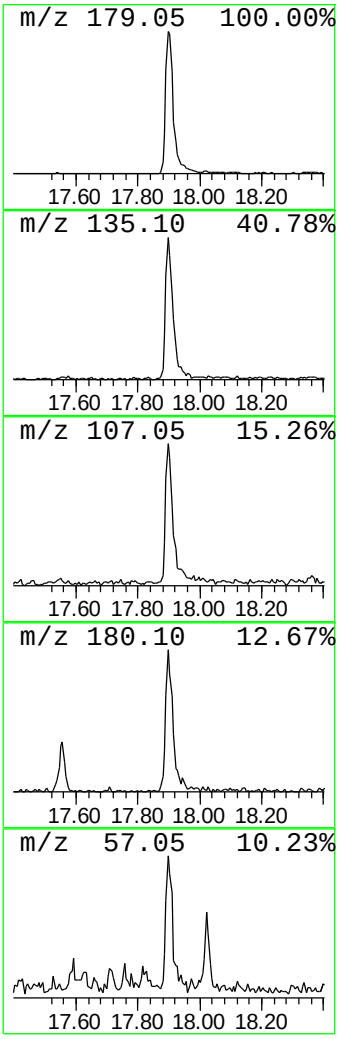
Peak Number 3 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	6.57 ng	801001	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	64
2	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	50
3	1,3-Dioxolane, 2-(4-methoxyphenv...	194	C11H14O3	036881-00-2	50
4	Ethanone, 1-(5-ethyl-2-hydroxy-4...	314	C18H18O5	170241-39-1	37
5	4-Ethoxy-2-(methylamino)tropone	179	C10H13NO2	1000241-45-1	28





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Data File : BG022905.D
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Operator : UM/SJ
Sample : H3840-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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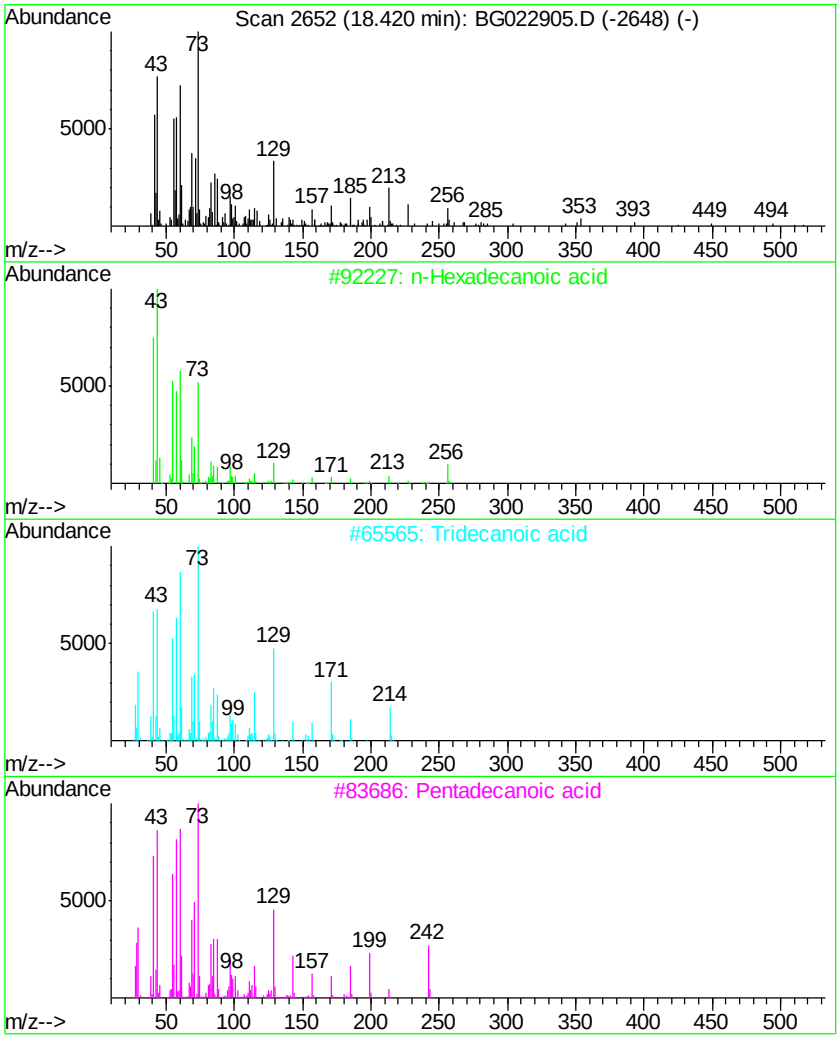
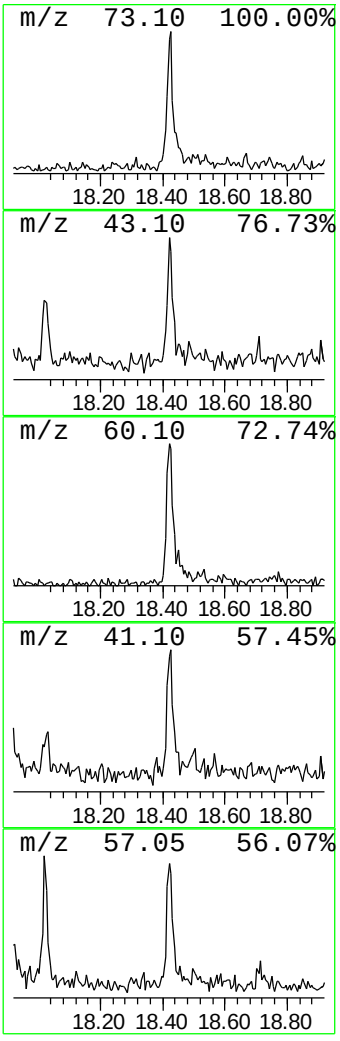
Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.03 ng	247862	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





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Sample : H3840-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-12

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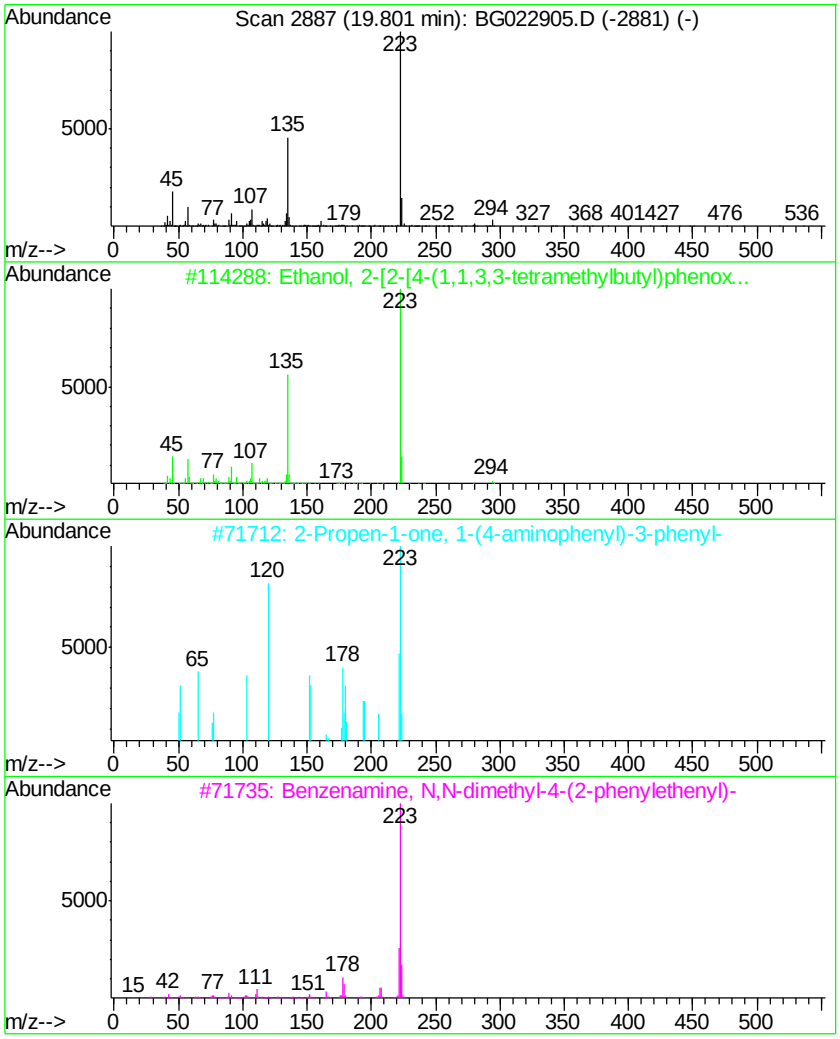
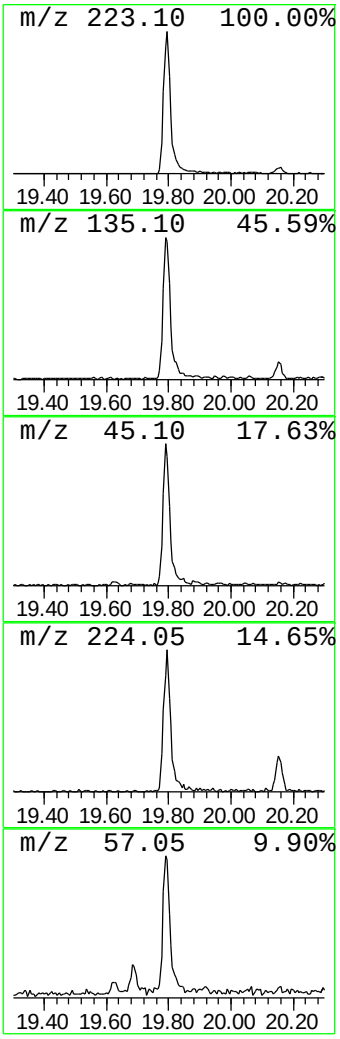
Peak Number 5 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	9.61 ng	1356850	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	93
2	2-Propen-1-one, 1-(4-aminophenyl...	223	C15H13NO	002403-30-7	43
3	Benzenamine, N,N-dimethyl-4-(2-p...	223	C16H17N	001145-73-9	38
4	Ethyl 3-[3-amino-5-methoxyphenyl...	223	C12H17NO3	1000213-27-3	37
5	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	32





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Instrument : BNA_G
ClientSampleId : LIP-12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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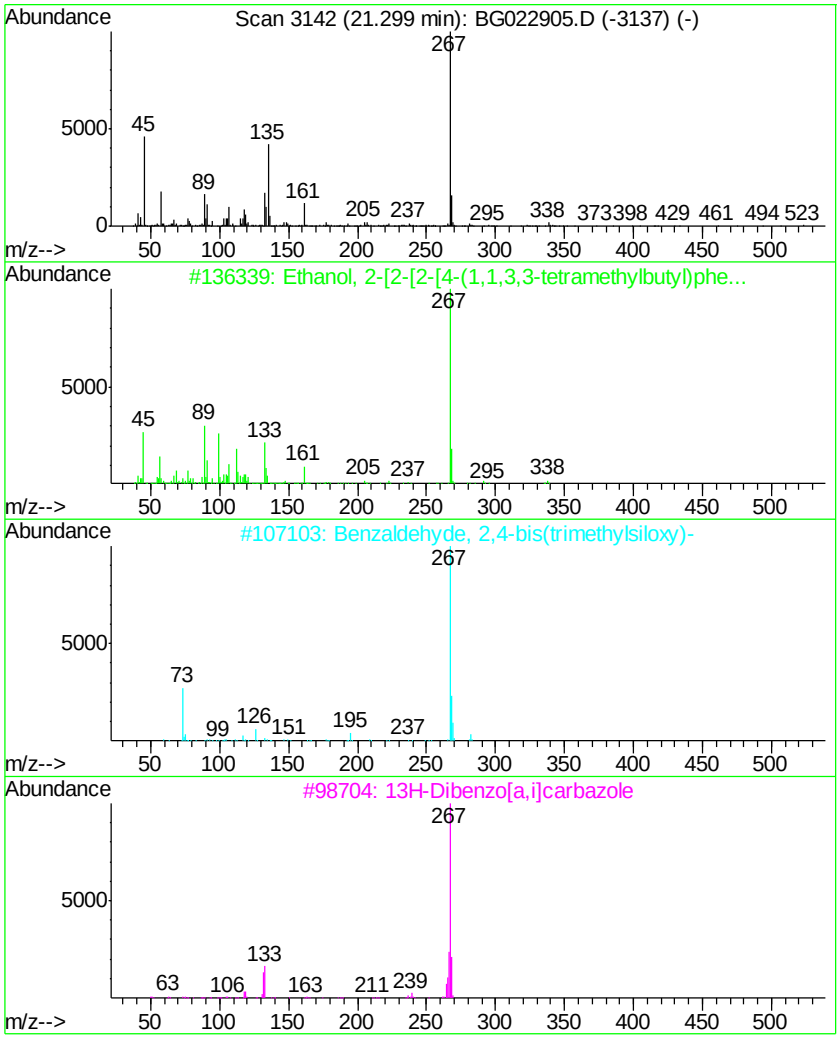
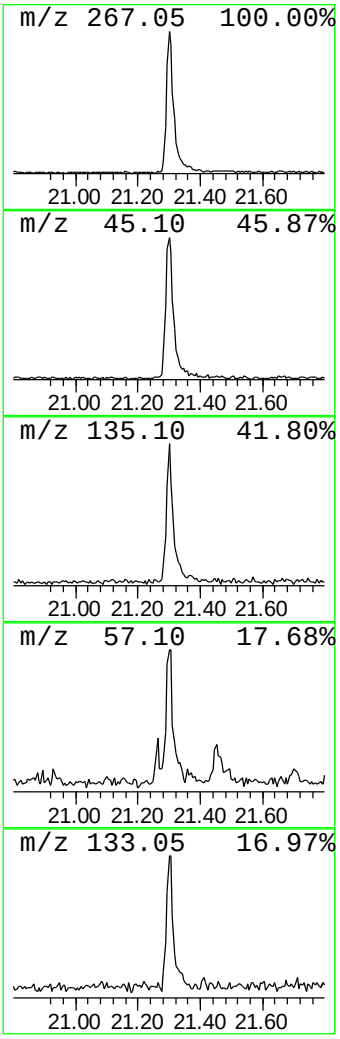
Peak Number 6 unknown21.30 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	5.94 ng	839653	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	38
2	Benzaldehyde, 2,4-bis(trimethyls...	282	C13H22O3Si2	033617-38-8	32
3	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	32
4	5H-Naphtho[2,3-c]carbazole	267	C20H13N	000198-96-9	27
5	Benzaldehyde, 2,5-bis[(trimethyl...	282	C13H22O3Si2	056114-69-3	17





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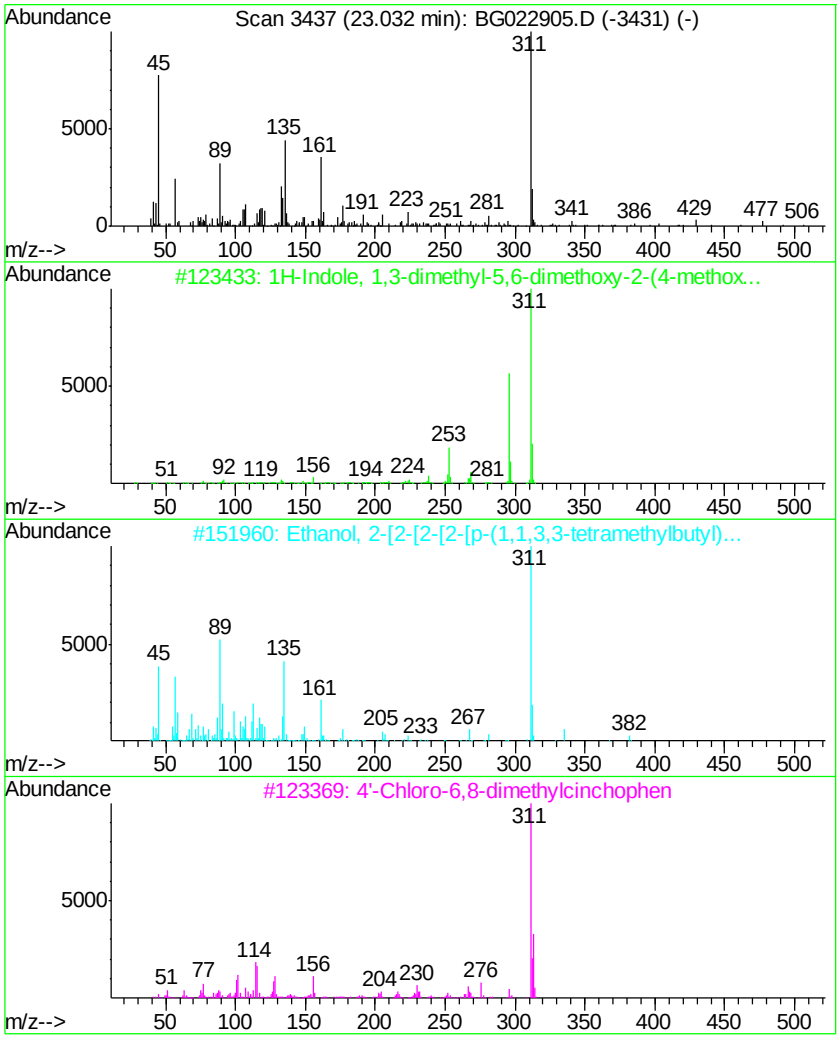
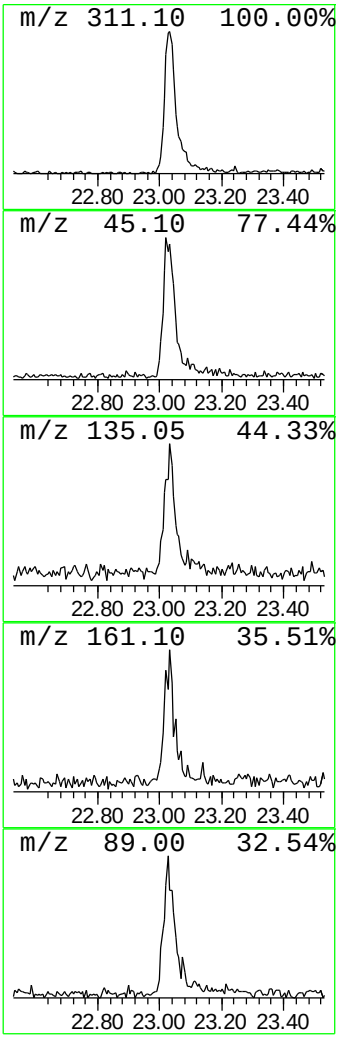
Peak Number 7 unknown23.03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	2.64 ng	373085	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 1,3-dimethyl-5,6-dime...	311	C19H21NO3	156785-73-8	35
2	Ethanol, 2-[2-[2-[2-[p-(1,1,3,3-...	382	C22H38O5	002315-63-1	33
3	4'-Chloro-6,8-dimethylcinchophen	311	C18H14ClNO2	351357-26-1	14
4	Quinazolin-4(3H)-one, 3-(4-metho...	311	C16H13N3O4	1000268-92-7	10
5	3-[4-Chlorophenyl]-6,8-dimethyl-...	311	C18H14ClNO2	041191-71-3	9





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.68	7.68	92.8	ng	3082970	1	8.16	664239	20.0
Ethanol, 2-[4-(1,...	17.90	6.6	ng	801001	4	17.56	2437270	20.0
n-Hexadecanoic acid	18.42	2.0	ng	247862	4	17.56	2437270	20.0
Ethanol, 2-[2-[4-...	19.80	9.6	ng	1356850	5	21.84	2825090	20.0
unknown21.30	21.30	5.9	ng	839653	5	21.84	2825090	20.0
unknown23.03	23.03	2.6	ng	373085	5	21.84	2825090	20.0