LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

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-BG120215.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	5.193	395	401	406	rBV	43994	66410	2.12%	0.365%
2	5.657	474	480	488	rBV	311244	485372	15.50%	2.664%
3	6.591	634	639	651	rBV3	22625	47722	1.52%	0.262%
4	7.085	717	723	733	rBV2	15778	31507	1.01%	0.173%
5	7.261	746	753	758	rBV	218464	376661	12.03%	2.068%
6	7.643	811	818	825	rBV	570540	956617	30.56%	5.251%
7	8.119	892	899	905	rVB	113494	188741	6.03%	1.036%
8	8.442	947	954	959	rBV	482621	841900	26.89%	4.621%
9	8.495	959	963	972	rVB	79781	141002	4.50%	0.774%
10	8.613	975	983	989	rBV	37614	63499	2.03%	0.349%
11	8.759	1003	1008	1013	rBV2	24069	44397	1.42%	0.244%
12	8.812	1013	1017	1024	rVB4	21443	43219	1.38%	0.237%
13	9.012	1045	1051	1058	rBV5	16629	33168	1.06%	0.182%
14	9.230	1083	1088	1092	rBV2	58667	96734	3.09%	0.531%
15	9.282	1092	1097	1110	rVV2	431399	1001837	32.00%	5.499%
16	9.388	1111	1115	1120	rVB4	25305	42136	1.35%	0.231%
17	9.470	1122	1129	1139	rBV8	13697	37299	1.19%	0.205%
18	9.582	1143	1148	1160	rVB4	24692	54499	1.74%	0.299%
19	9.752	1172	1177	1182	rVB	48093	76276	2.44%	0.419%
20	9.858	1189	1195	1202	rVB6	15767	35085	1.12%	0.193%
21	9.935	1202	1208	1215	rBV3	22776	56068	1.79%	0.308%
22	10.123	1235	1240	1244	rBV4	19630	36118	1.15%	0.198%
23	10.181	1244	1250	1253	rBV	45428	73071	2.33%	0.401%
24	10.328	1261	1275	1284	rBV2	93298	193029	6.17%	1.060%
25	10.622	1320	1325	1331	rBV5	15459	31997	1.02%	0.176%
26	10.792	1347	1354	1366	rBV5	23656	77031	2.46%	0.423%
27	10.933	1366	1378	1384	rVV	174079	390814	12.48%	2.145%
28	10.986	1384	1387	1392	rVV5	30293	56230	1.80%	0.309%
29	11.045	1392	1397	1403	rVB	53096	82863	2.65%	0.455%
30	11.309	1434	1442	1445	rBV8	19704	45825	1.46%	0.252%
31	11.838	1527	1532	1541	rVB9	14612	33939	1.08%	0.186%
32	12.044	1561	1567	1575	rVB7	40010	96525	3.08%	0.530%
33	12.179	1586	1590	1597	rBV2	27689	48061	1.54%	0.264%
34	12.385	1620	1625	1631	rBV6	20304	48351	1.54%	0.265%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

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-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.479	1634	1641	1646	rBV7	26241	60149	1.92%	0.330%
36	12.802	1686	1696	1704	rBV2	180194	351542	11.23%	1.930%
37	13.096	1742	1746	1751	rVB3	34989	60993	1.95%	0.335%
38	13.207	1761	1765	1773	rVB7	32224	55831	1.78%	0.306%
39	13.278	1773	1777	1782	rVB2	39540	65405	2.09%	0.359%
40	13.372	1782	1793	1800	rBV	1265963	2016974	64.42%	11.072%
41	13.536	1817	1821	1823	rBV4	19639	35474	1.13%	0.195%
42	13.707	1846	1850	1856	rVB4	32830	54435	1.74%	0.299%
43	13.765	1856	1860	1864	rBV	39272	58465	1.87%	0.321%
44	13.918	1881	1886	1890	rBV8	22685	53290	1.70%	0.293%
45	14.071	1907	1912	1918	rBV4	89723	157960	5.05%	0.867%
46	14.441	1971	1975	1976	rBV3	22680	35081	1.12%	0.193%
47	14.553	1990	1994	1999	rVB2	43877	74161	2.37%	0.407%
48	14.747	2022	2027	2033	rVB2	261336	406418	12.98%	2.231%
49	15.223	2104	2108	2117	rBV7	63549	149430	4.77%	0.820%
50	15.369	2129	2133	2141	rVB7	53134	121513	3.88%	0.667%
51	15.557	2162	2165	2168	rBV3	35837	42472	1.36%	0.233%
52	15.834	2209	2212	2217	rBV6	24909	45726	1.46%	0.251%
53	16.104	2254	2258	2260	rBV5	37787	62686	2.00%	0.344%
54	16.233	2273	2280	2284	rBV	1171994	1780167	56.86%	9.772%
55	16.268	2284	2286	2291	rVB2	98888	123338	3.94%	0.677%
56	16.885	2386	2391	2398	rVB4	64177	127645	4.08%	0.701%
57	17.267	2453	2456	2467	rVB2	112411	219796	7.02%	1.206%
58	17.367	2469	2473	2484	rVV6	69789	147936	4.73%	0.812%
59	17.490	2488	2494	2501	rVB2	369707	596990	19.07%	3.277%
60	18.372	2640	2644	2650	rVB2	139525	181990	5.81%	0.999%
61	19.635	2855	2859	2864	rBV	162211	204024	6.52%	1.120%
62	20.093	2931	2937	2943	rBV	2393977	3130734	100.00%	17.185%
63	20.775	3050	3053	3059	rVB	55888	78512	2.51%	0.431%
64	21.039	3095	3098	3101	rVB	48760	55890	1.79%	0.307%
65	21.398	3155	3159	3166	rVB4	69787	115201	3.68%	0.632%
66	21.550	3182	3185	3189	rVB	44659	60936	1.95%	0.334%
67	21.762	3214	3221	3230	rVB	471752	763316	24.38%	4.190%
68	22.103	3277	3279	3285	rVB3	23378	31623	1.01%	0.174%
69	22.731	3381	3386	3391	rVB	18047	33072	1.06%	0.182%
70	25.040	3770	3779	3792	rVB	249119	724515	23.14%	3.977%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

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-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 18217693

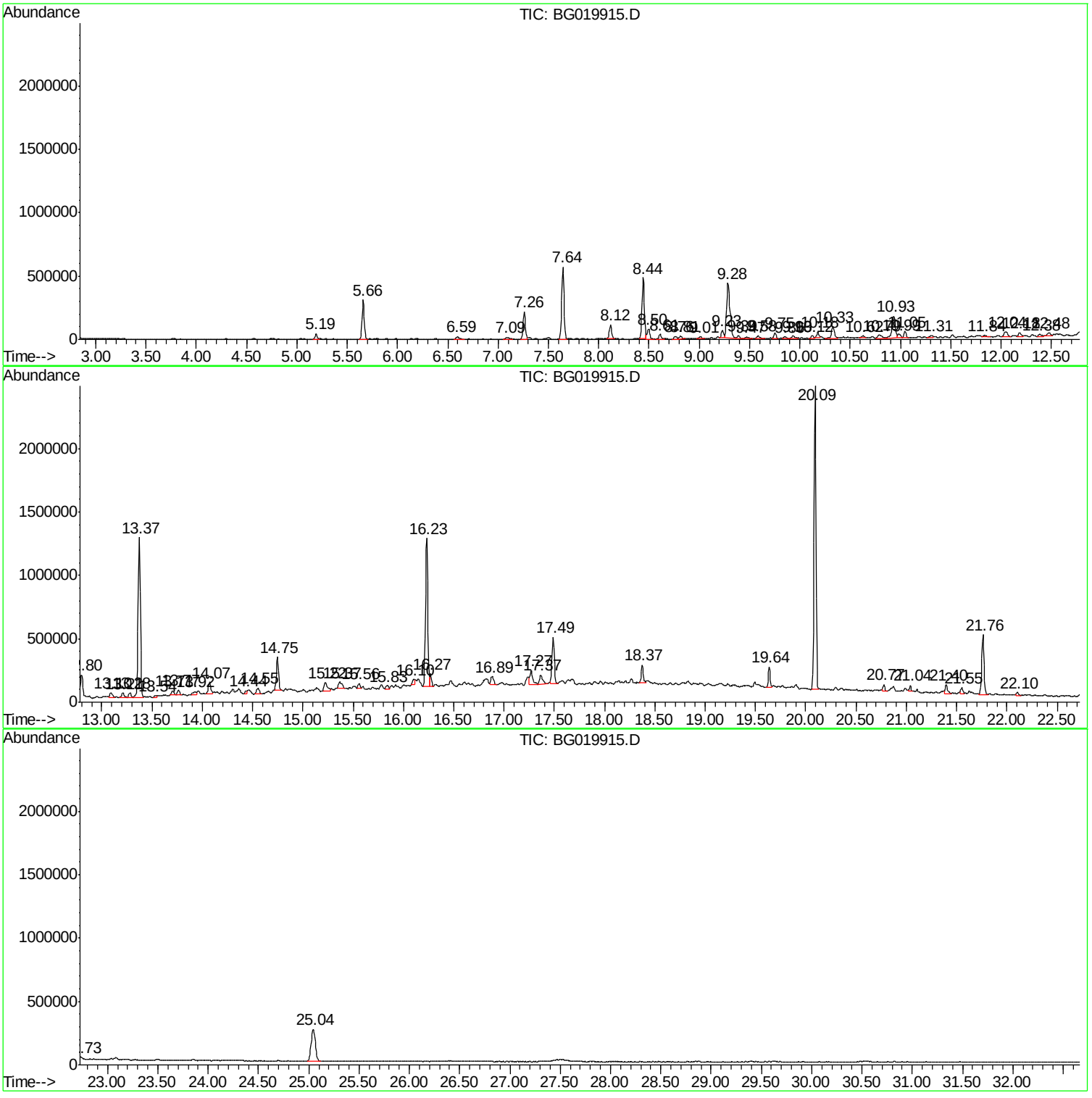
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

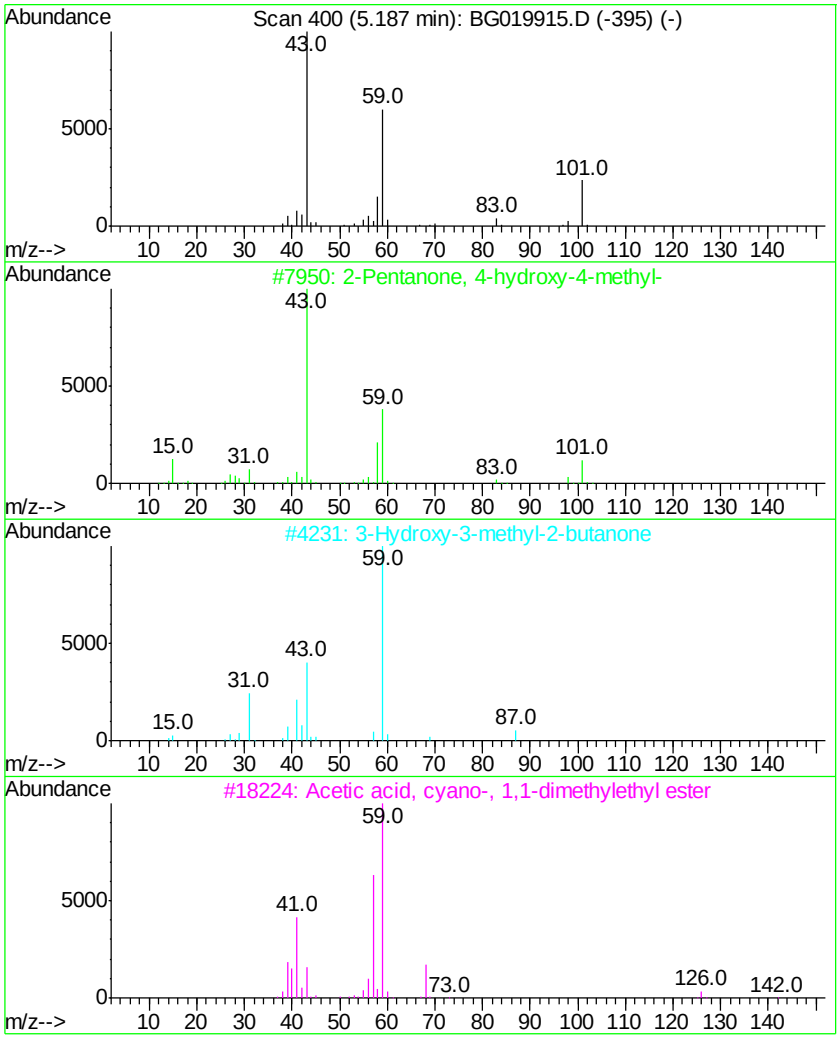
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

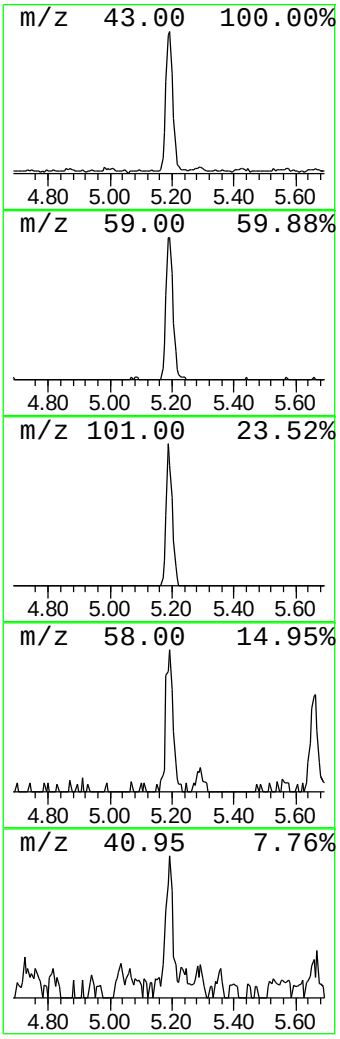
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	7.04 ng	66410	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
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	Propane, 2-methoxy-	74	C4H10O	000598-53-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

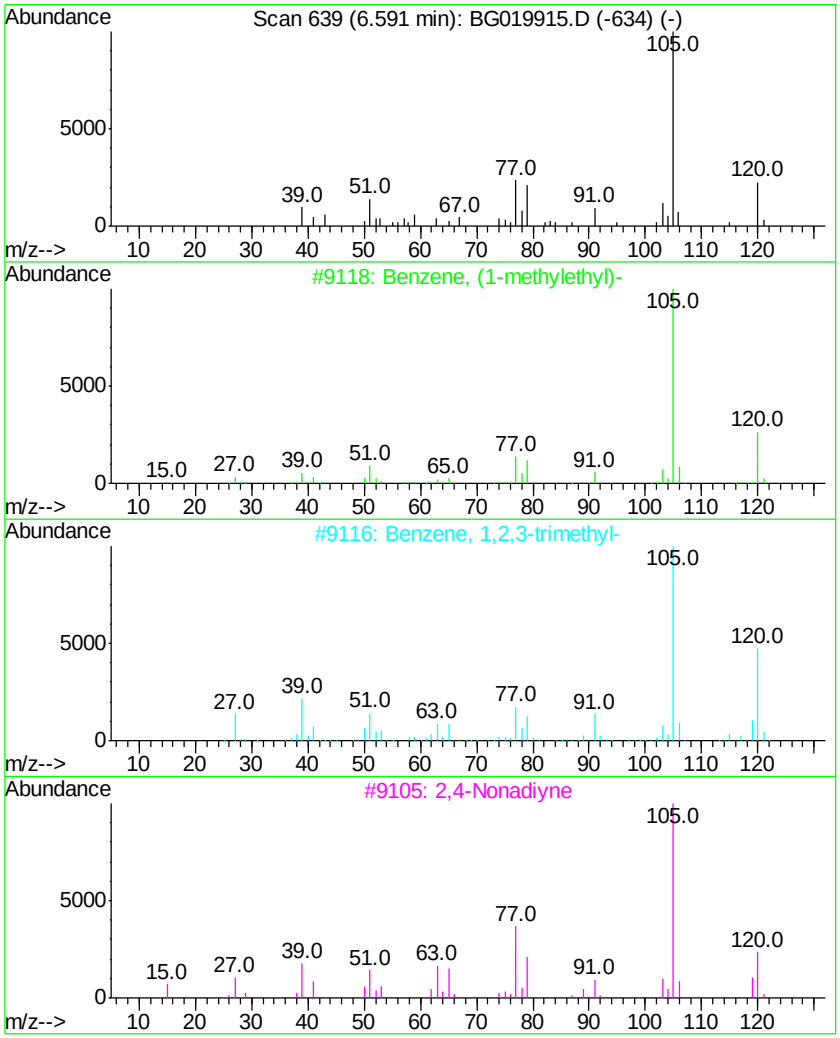
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

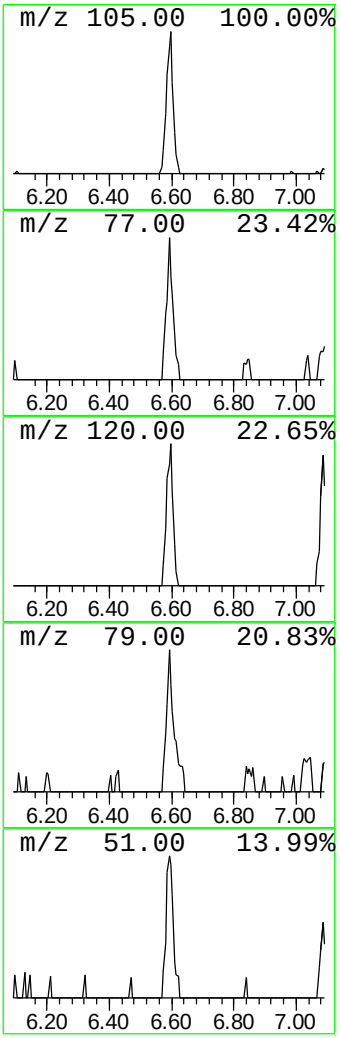
****

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	5.06 ng	47722	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	86
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	72
3	2,4-Nonadiyne	120	C9H12	063621-15-8	64
4	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	59
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

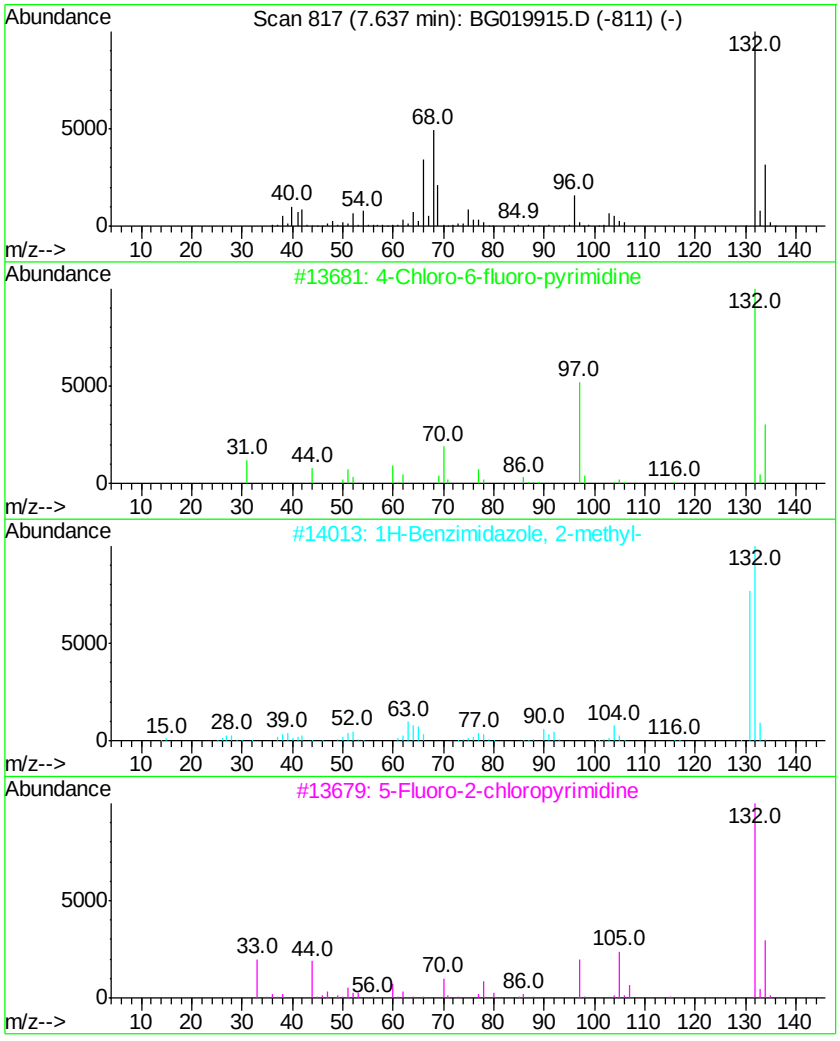
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

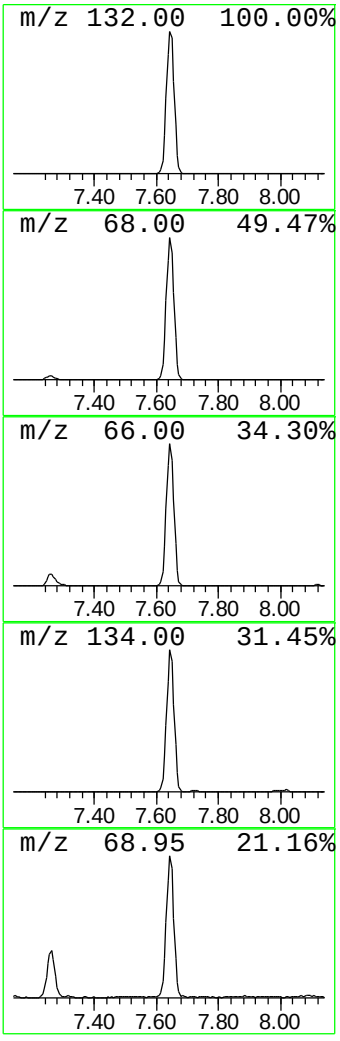
****

Peak Number 3 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	101.37 ng	956617	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

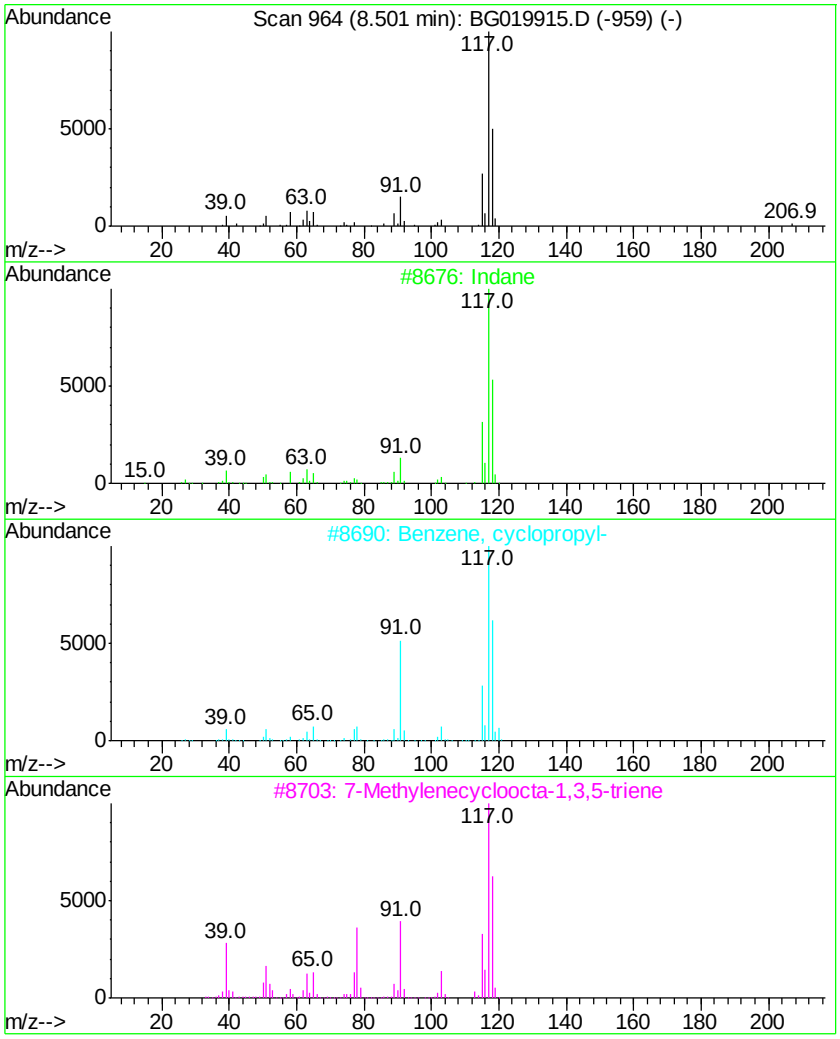
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

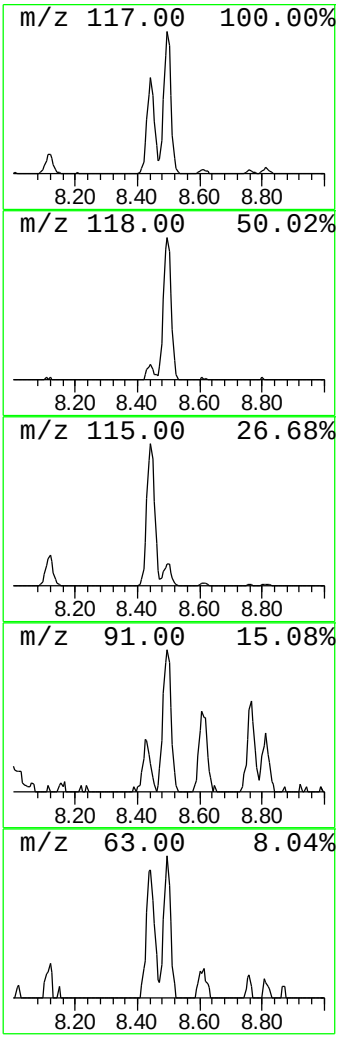
****

Peak Number 5 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	14.94 ng	141002	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
3	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	64
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

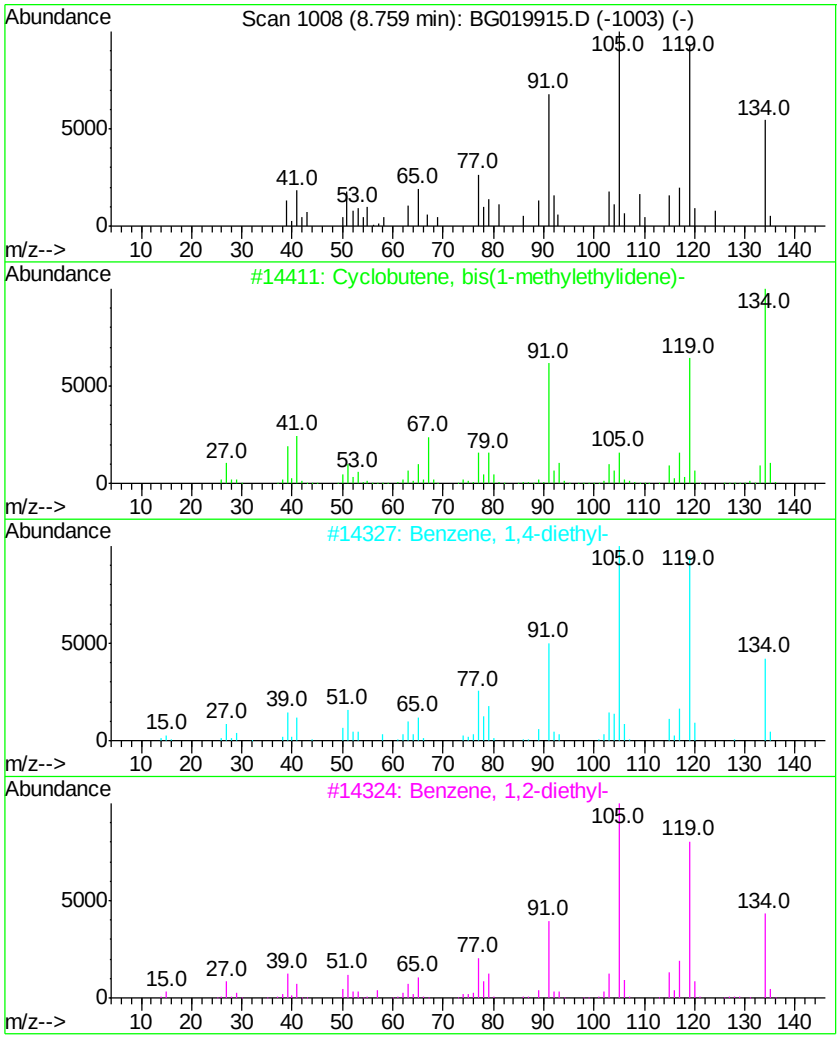
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

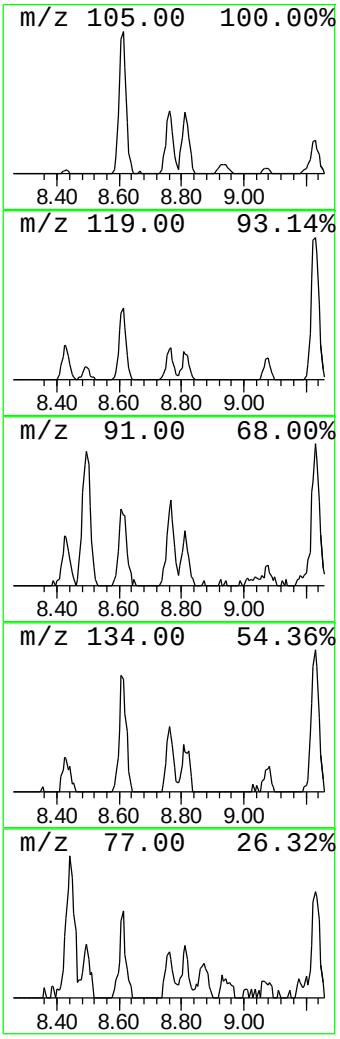
****

Peak Number 7 Cyclobutene, bis(1-methylet... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	4.70 ng	44397	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutene, bis(1-methylethylid...	134	C10H14	003642-14-6	90
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
4	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	81
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

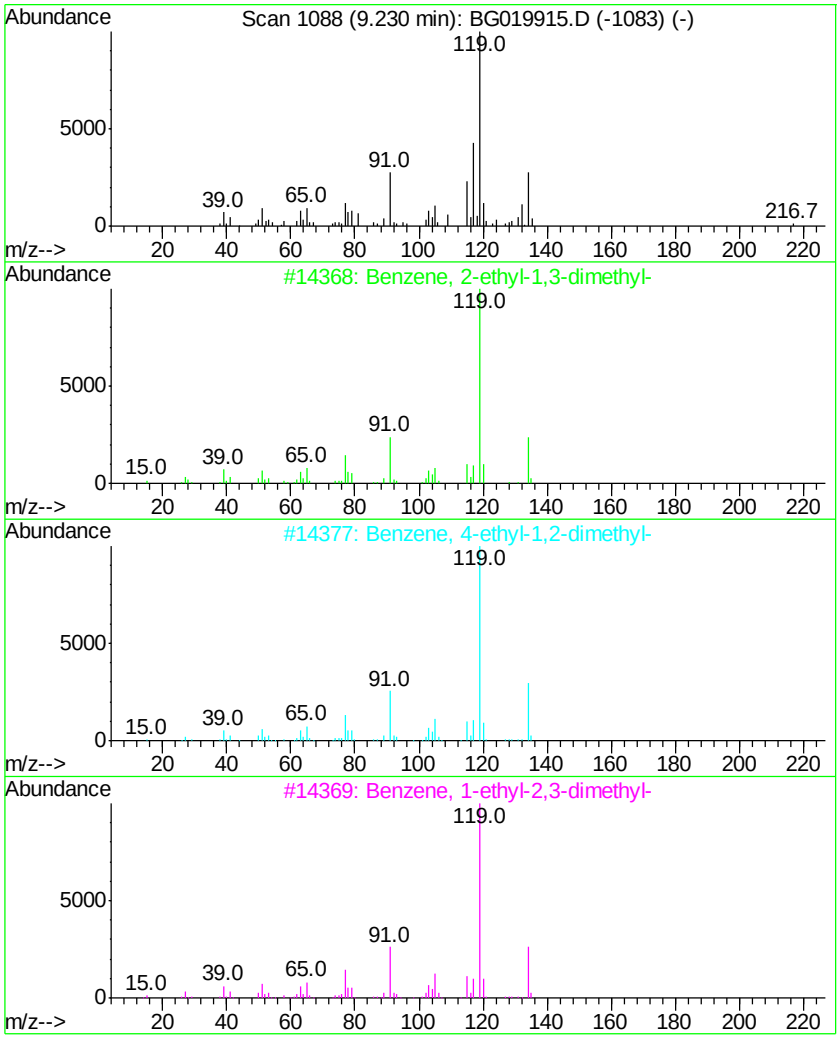
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

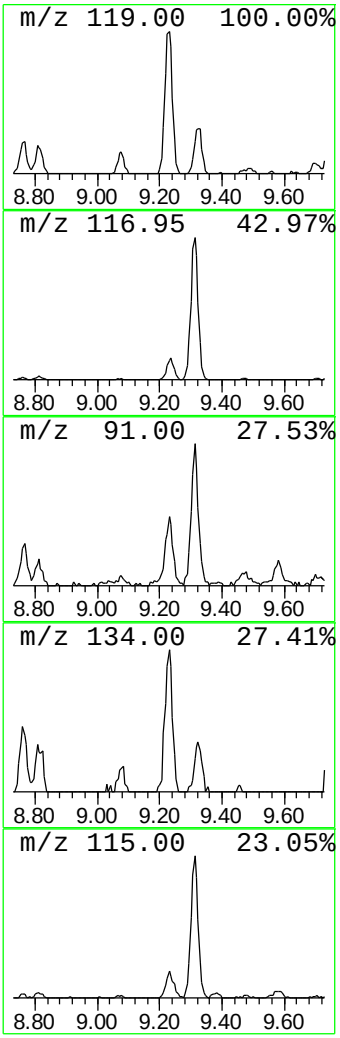
****

Peak Number 9 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	10.25 ng	96734	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

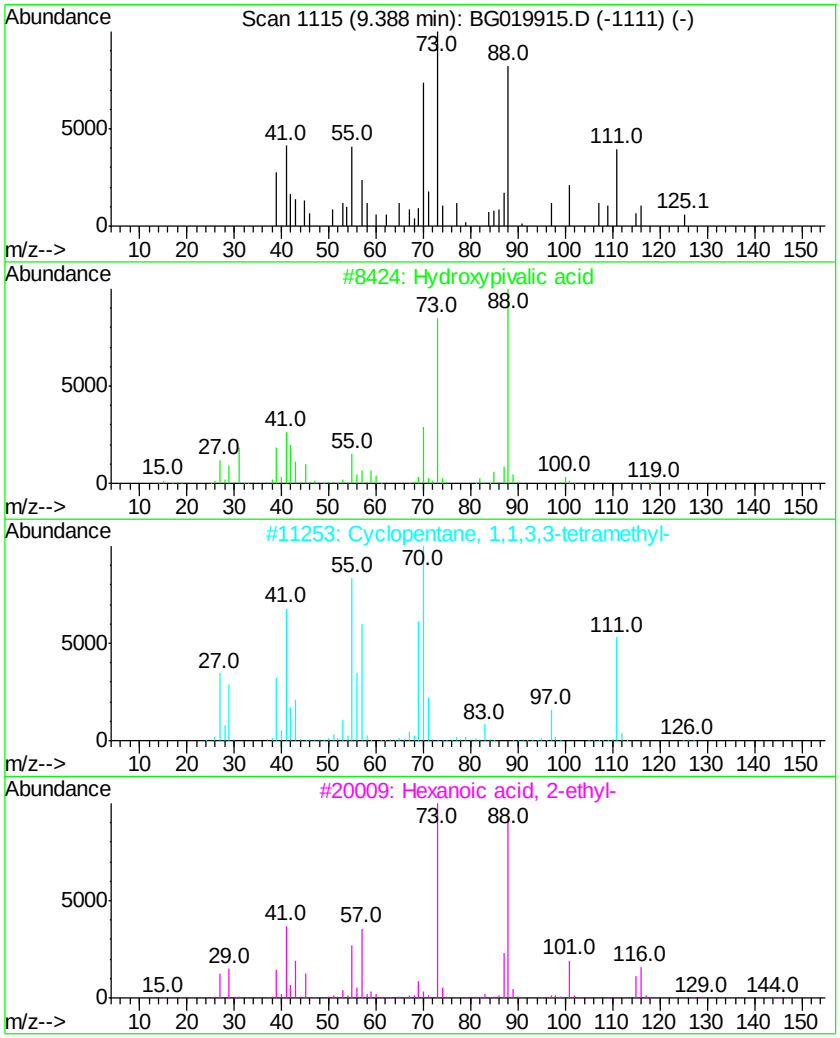
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

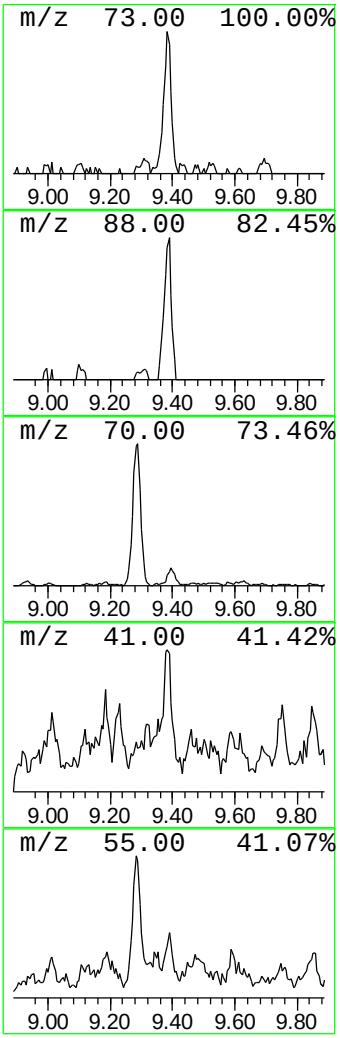
****

Peak Number 10 unknown9.39 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	4.46 ng	42136	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroxypivalic acid	118	C5H10O3	004835-90-9	27
2	Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	25
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	25
4	dl-Aspartic acid	133	C4H7NO4	000617-45-8	25
5	1-Butyne, 3-chloro-	88	C4H5Cl	021020-24-6	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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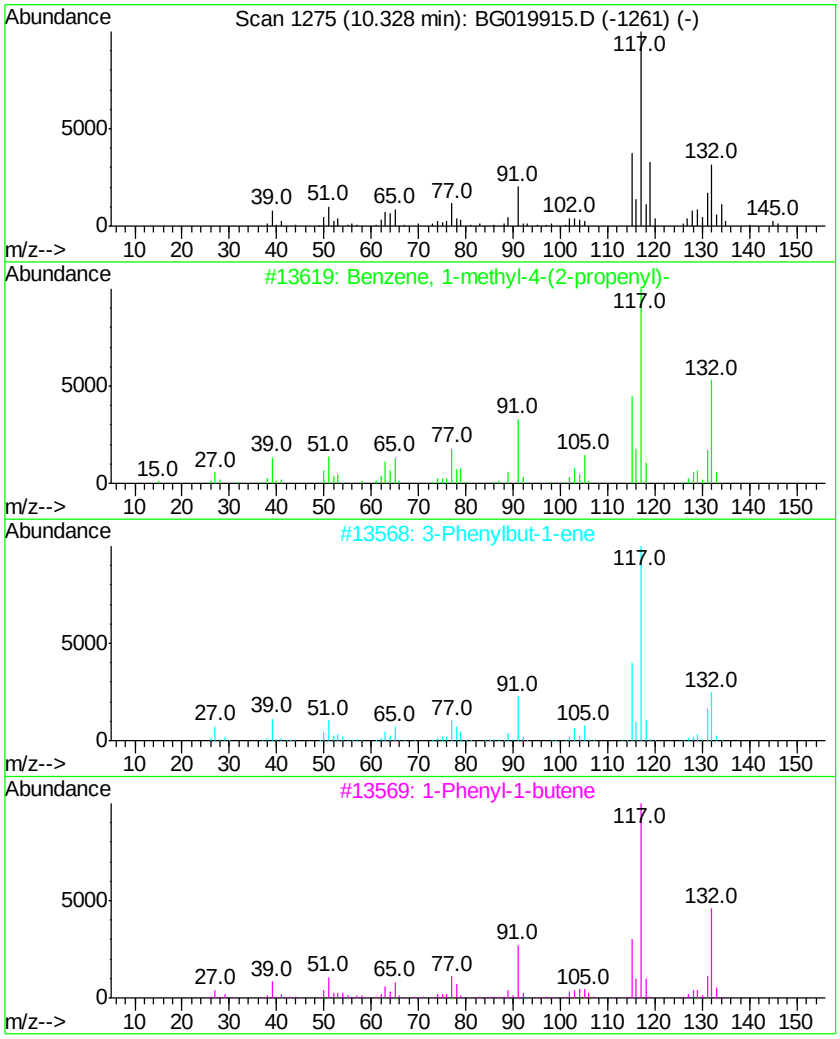
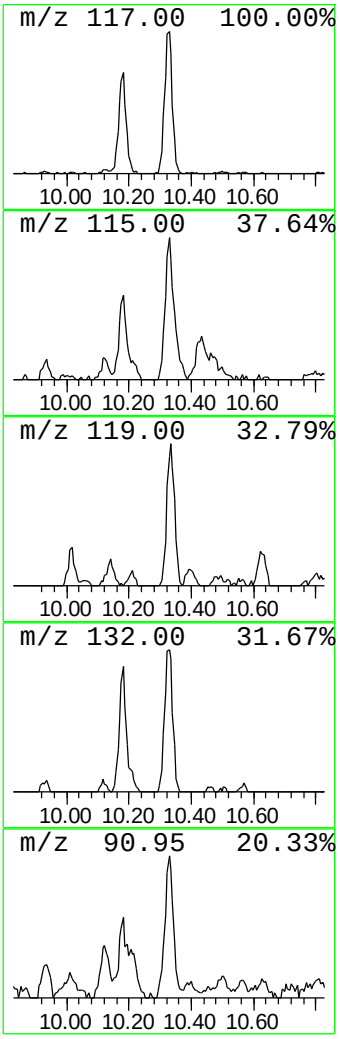
Peak Number 11 Benzene, 1-methyl-4-(2-prop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	9.88 ng	193029	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	81
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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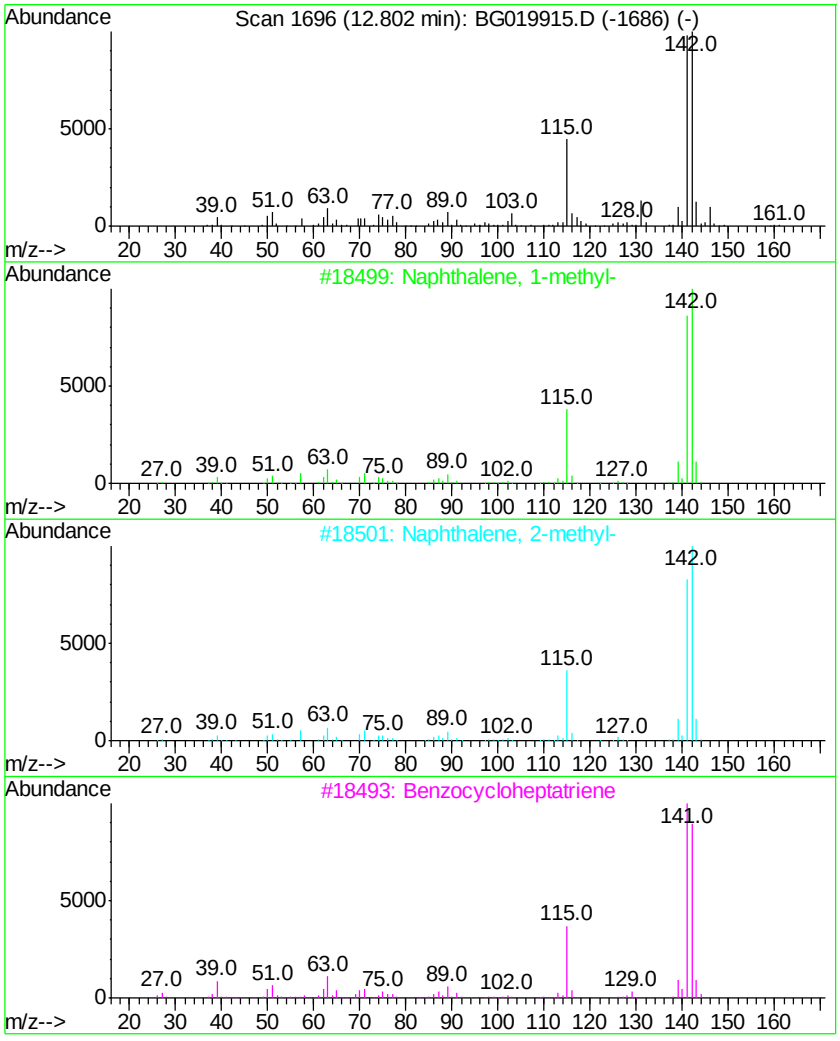
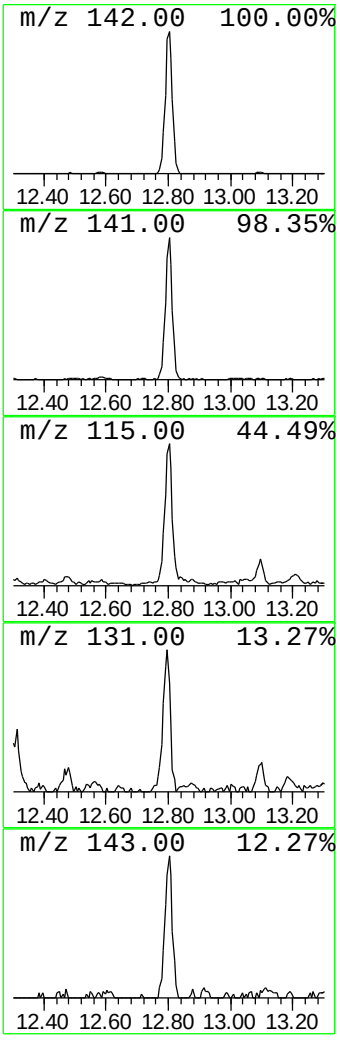
Peak Number 13 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	17.99 ng	351542	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Benzocycloheptatriene	142	C11H10	000264-09-5	93
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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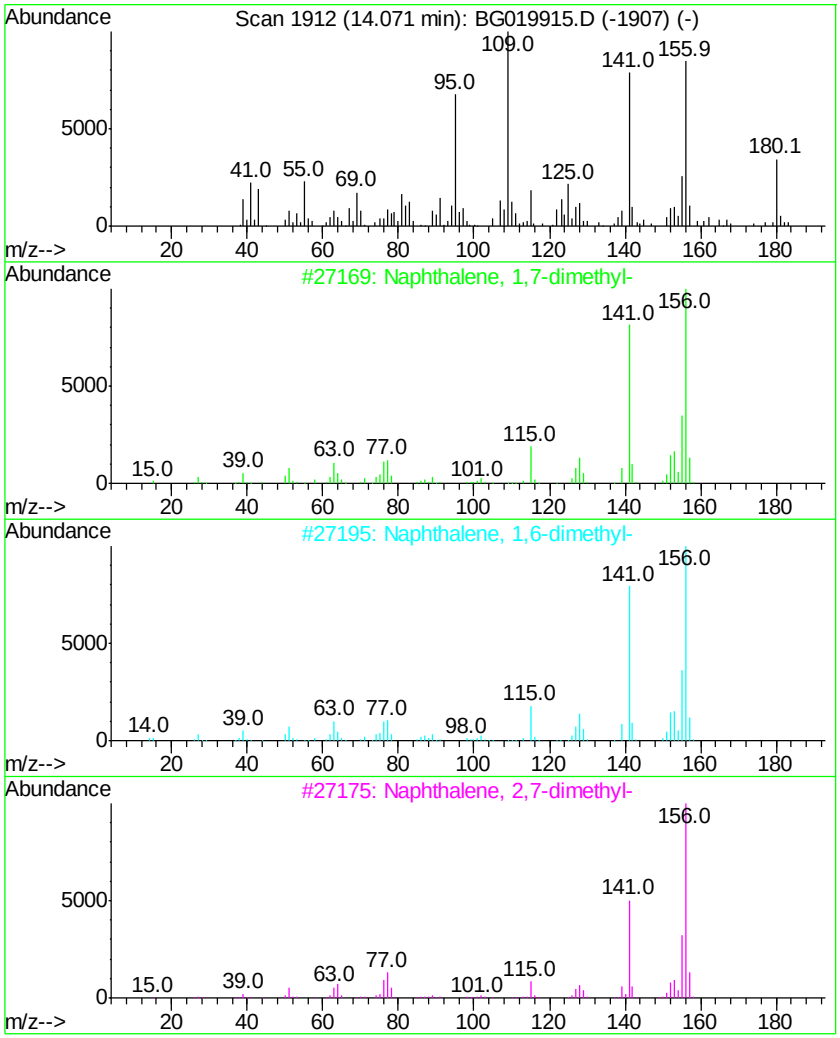
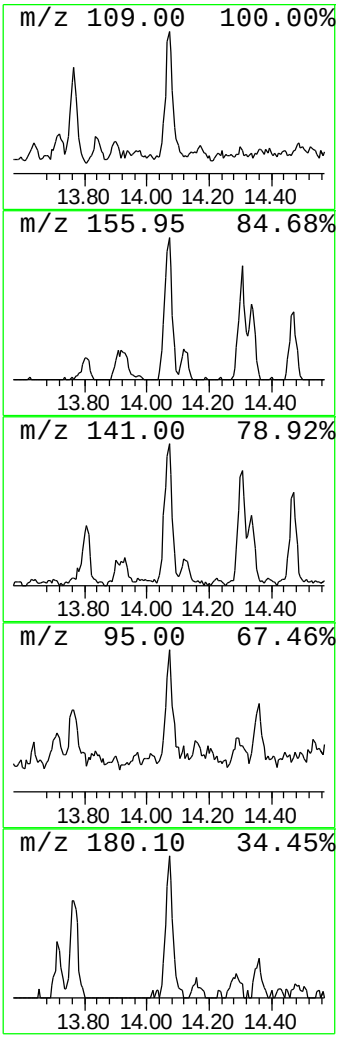
Peak Number 14 Naphthalene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	7.77 ng	157960	Acenaphthene-d10	14.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	86
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	70
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	70
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	70





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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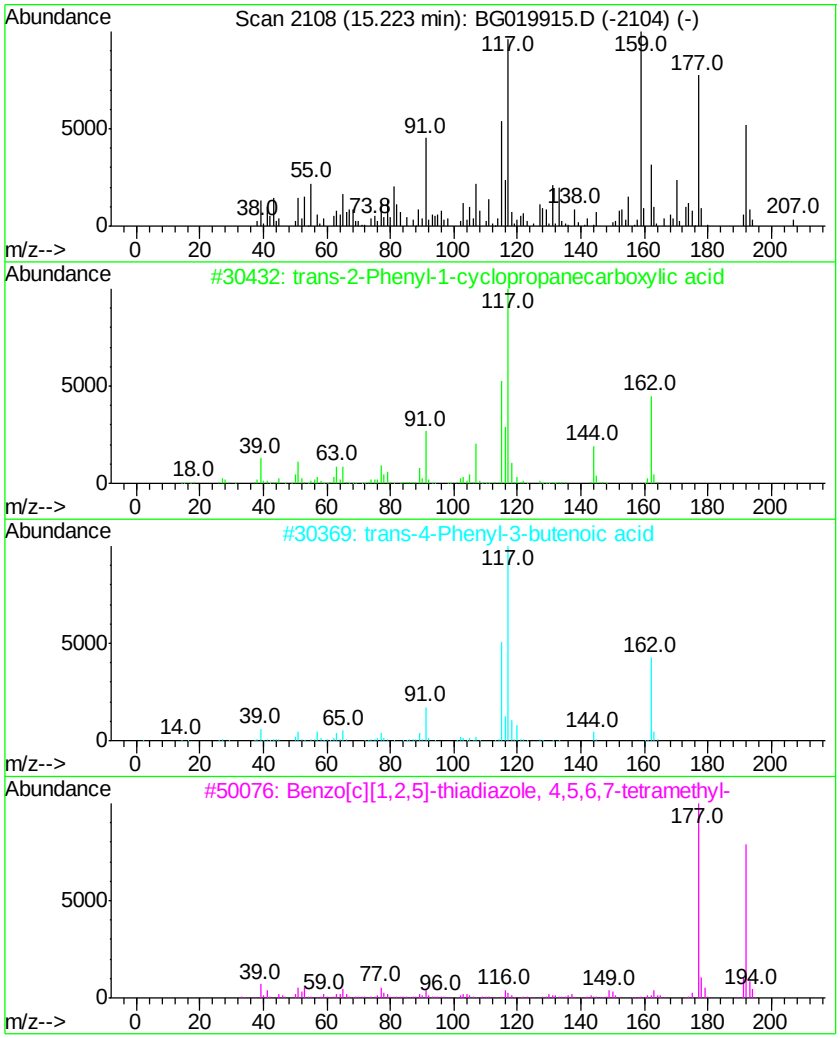
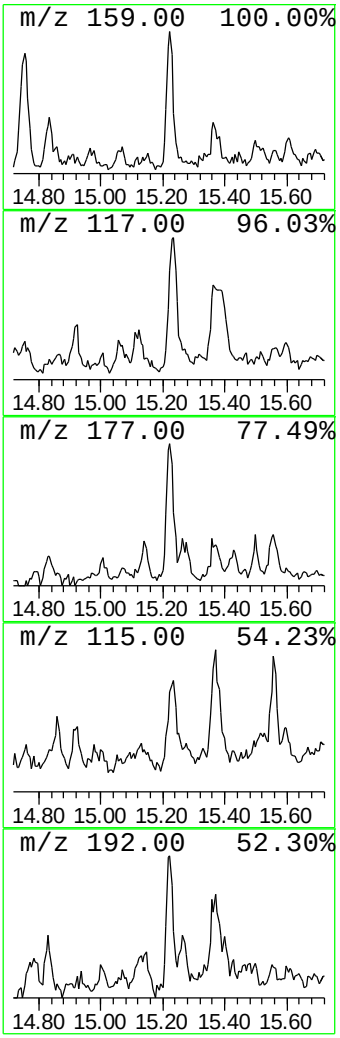
Peak Number 15 unknown15.22 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	7.35 ng	149430	Acenaphthene-d10	14.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2-Phenyl-1-cyclopropanecar...	162	C10H10O2	000939-90-2	30
2	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	30
3	Benzo[c][1,2,5]-thiadiazole, 4,5...	192	C10H12N2S	106148-64-5	18
4	1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	18
5	Isoquinoline, 1-methyl-, 2-oxide	159	C10H9NO	003222-65-9	18





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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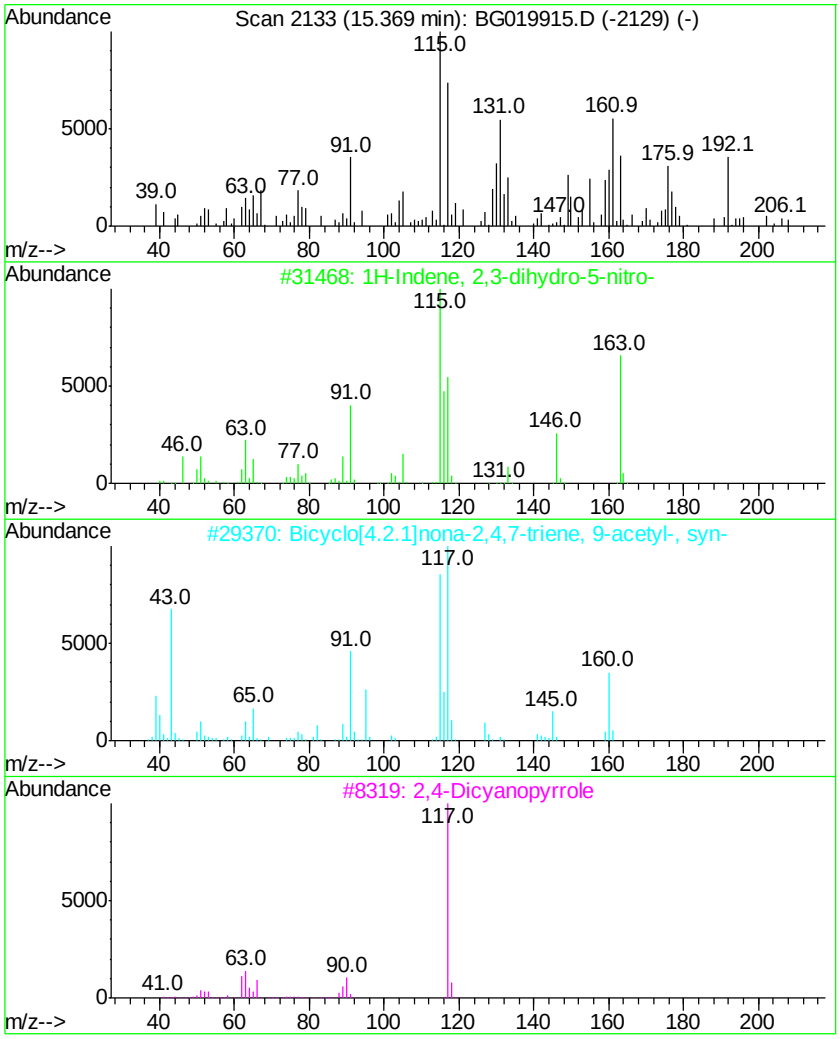
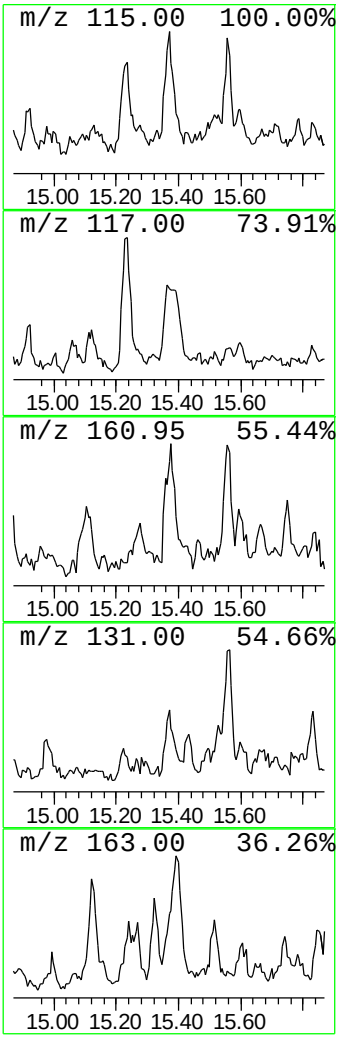
Peak Number 16 unknown15.37 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	5.98 ng	121513	Acenaphthene-d10	14.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-nitro-	163	C9H9NO2	007436-07-9	38
2	Bicyclo[4.2.1]nona-2,4,7-triene,...	160	C11H12O	1000141-51-6	30
3	2,4-Dicyanopyrrole	117	C6H3N3	074023-87-3	18
4	1H-Pyrrole-3,4-dicarbonitrile	117	C6H3N3	125666-25-3	14
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	11





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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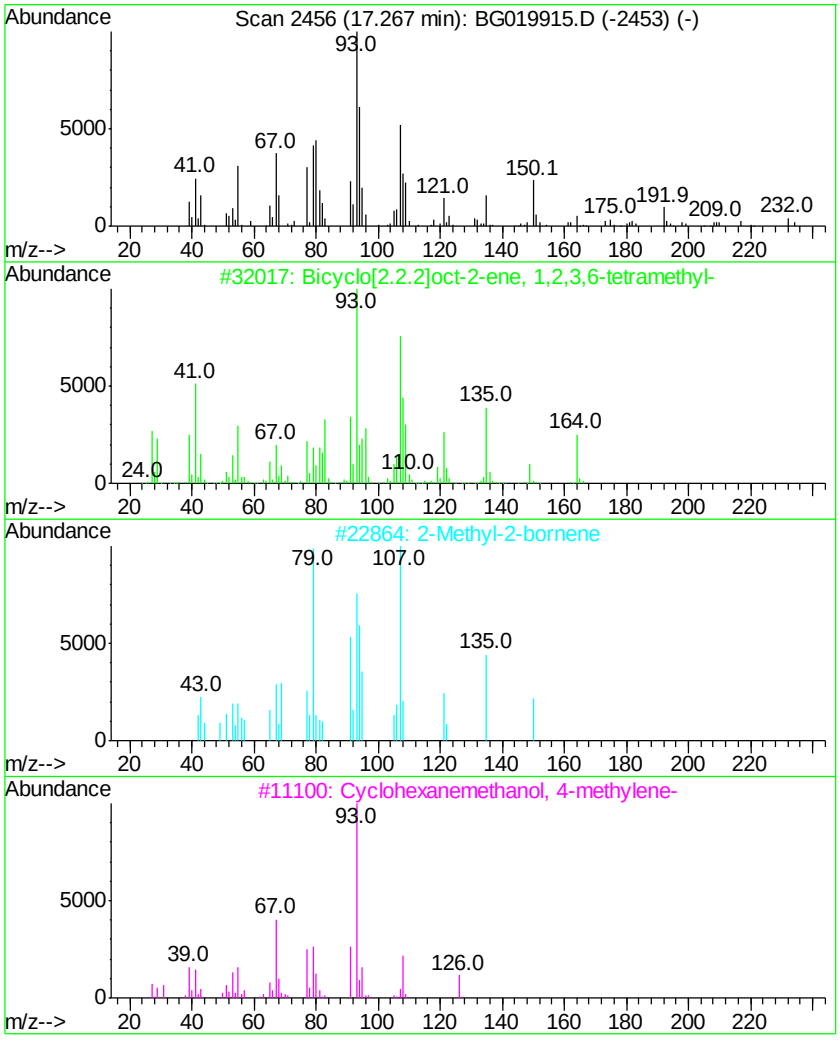
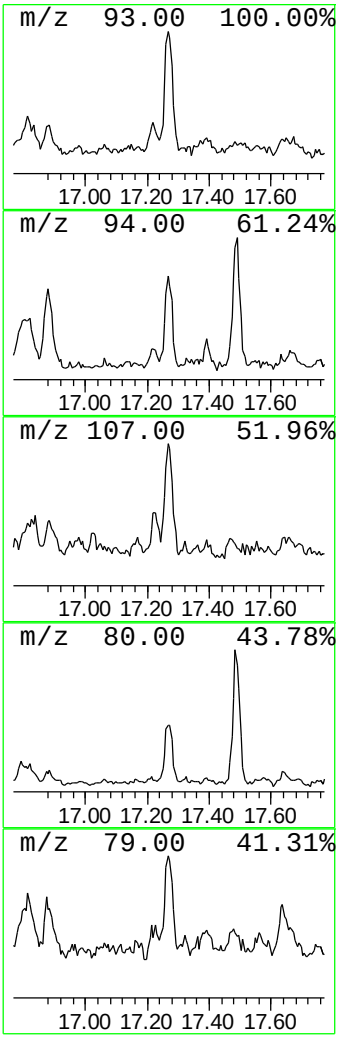
Peak Number 17 Bicyclo[2.2.2]oct-2-ene, 1,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	7.36 ng	219796	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]oct-2-ene, 1,2,3,6...	164	C12H20	062376-14-1	60
2	2-Methyl-2-bornene	150	C11H18	072540-93-3	38
3	Cyclohexanemethanol, 4-methylene-	126	C8H14O	001004-24-6	35
4	Camphene	136	C10H16	000079-92-5	35
5	3-Methylenecycloheptene	108	C8H12	034564-56-2	30





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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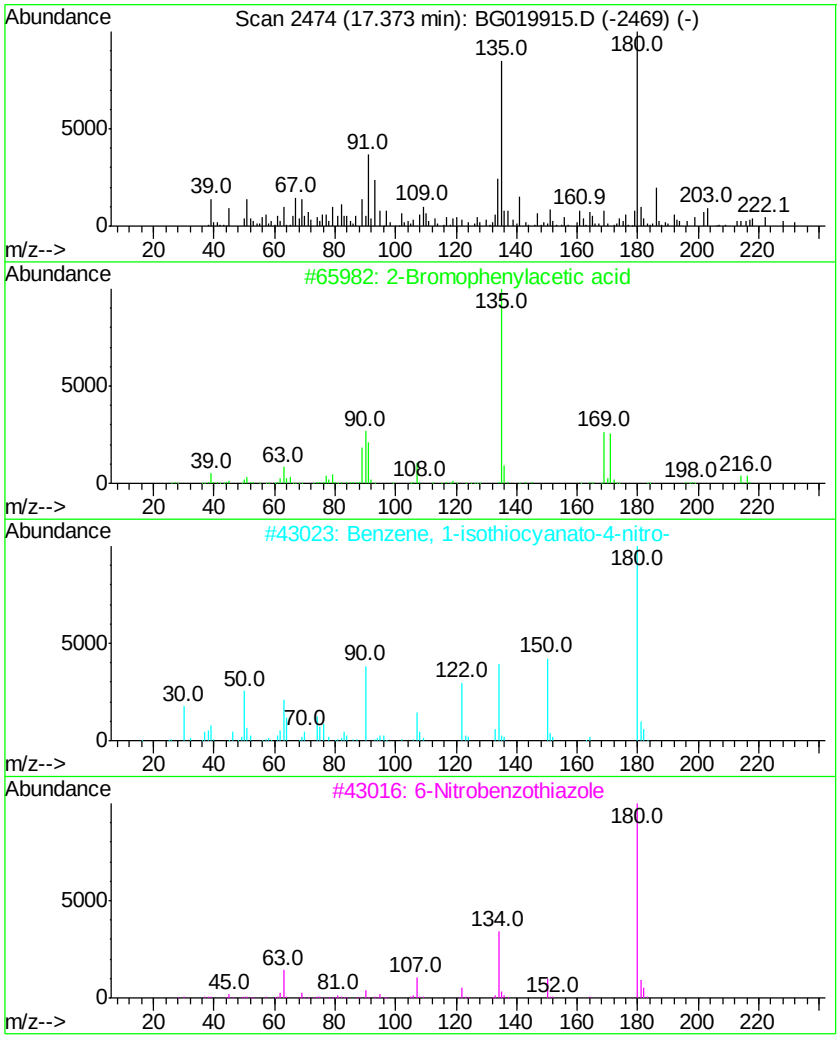
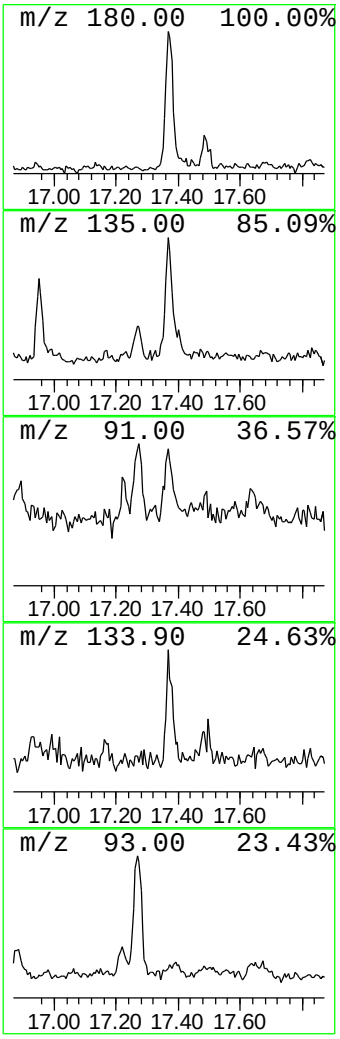
Peak Number 18 unknown17.37 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	4.96 ng	147936	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromophenylacetic acid	214	C8H7BrO2	018698-97-0	25
2	Benzene, 1-isothiocyanato-4-nitro-	180	C7H4N2O2S	002131-61-5	22
3	6-Nitrobenzothiazole	180	C7H4N2O2S	002942-06-5	22
4	2-Piperidinecarboxylic acid, 1-(...	281	C12H18F3NO3	054965-28-5	20
5	Proline, 3-methyl-1-(trifluoroac...	281	C12H18F3NO3	057983-47-8	18





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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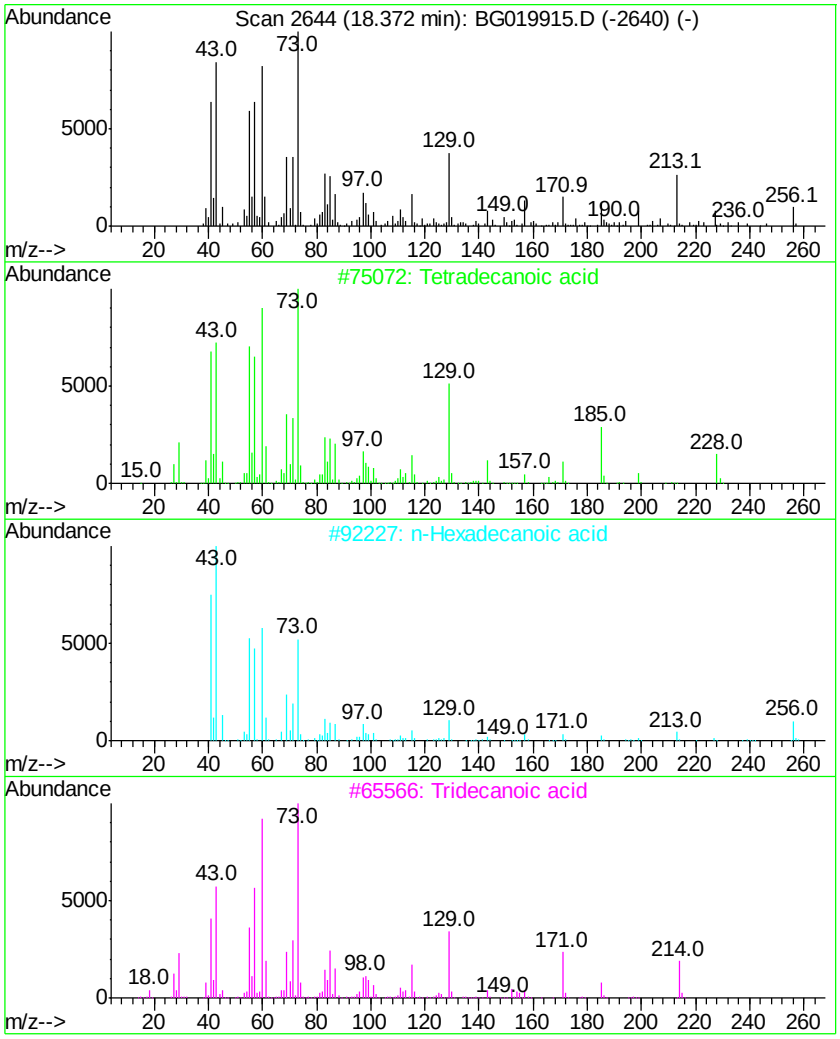
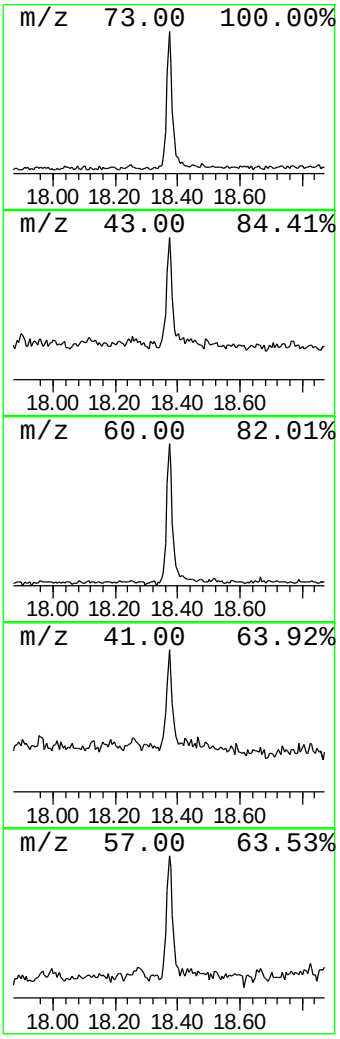
Peak Number 19 Tetradecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	6.10 ng	181990	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	Undecanoic acid	186	C11H22O2	000112-37-8	45





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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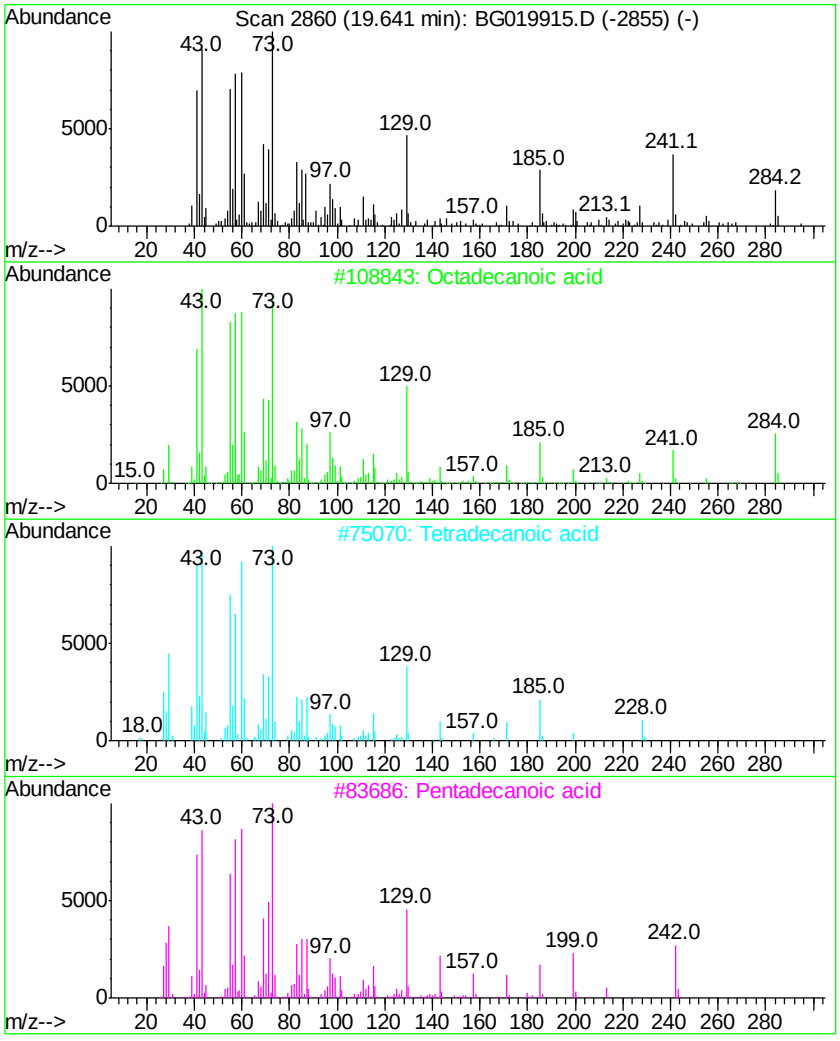
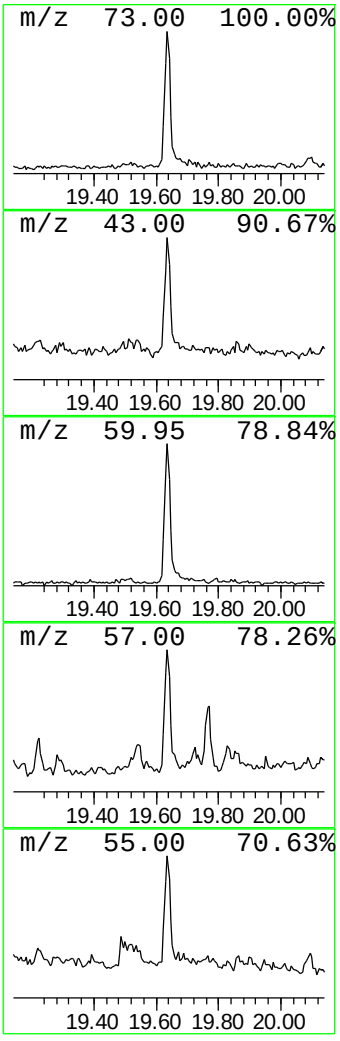
Peak Number 20 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	5.35 ng	204024	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Dodecanoic acid	200	C12H24O2	000143-07-7	62
5	n-Decanoic acid	172	C10H20O2	000334-48-5	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120415\
Data File : BG019915.D
Acq On : 4 Dec 2015 21:43
Operator : UM/NP
Sample : G4630-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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
2-Pentanone, 4-hy...	5.19	7.0	ng	66410	1	8.12	188741	20.0
Benzene, (1-methy...	6.59	5.1	ng	47722	1	8.12	188741	20.0
unknown7.64	7.64	101.4	ng	956617	1	8.12	188741	20.0
Indane	8.50	14.9	ng	141002	1	8.12	188741	20.0
Cyclobutene, bis(...	8.76	4.7	ng	44397	1	8.12	188741	20.0
Benzene, 2-ethyl-...	9.23	10.3	ng	96734	1	8.12	188741	20.0
unknown9.39	9.39	4.5	ng	42136	1	8.12	188741	20.0
Benzene, 1-methyl...	10.33	9.9	ng	193029	2	10.93	390814	20.0
Naphthalene, 1-me...	12.80	18.0	ng	351542	2	10.93	390814	20.0
Naphthalene, 1,7-...	14.07	7.8	ng	157960	3	14.75	406418	20.0
unknown15.22	15.22	7.3	ng	149430	3	14.75	406418	20.0
unknown15.37	15.37	6.0	ng	121513	3	14.75	406418	20.0
Bicyclo[2.2.2]oct...	17.27	7.4	ng	219796	4	17.49	596990	20.0
unknown17.37	17.37	5.0	ng	147936	4	17.49	596990	20.0
Tetradecanoic acid	18.37	6.1	ng	181990	4	17.49	596990	20.0
Octadecanoic acid	19.64	5.3	ng	204024	5	21.76	763316	20.0