LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021790.D
Acq On : 20 Apr 2016 18:23
Operator : UM/SJ
Sample : H2413-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B31-1(0-2)

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-BG041316.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	3.103	39	45	65	rVB	661505	1073325	81.40%	8.755%
2	5.294	412	418	426	rBV	15031	24058	1.82%	0.196%
3	5.764	491	498	510	rVB	155185	267065	20.25%	2.178%
4	7.368	763	771	781	rBV	169859	323489	24.53%	2.639%
5	7.750	829	836	843	rVB	169872	300225	22.77%	2.449%
6	8.150	896	904	905	rBV6	6499	13268	1.01%	0.108%
7	8.214	910	915	922	rVB	119428	205947	15.62%	1.680%
8	8.385	939	944	949	rVB6	10545	16519	1.25%	0.135%
9	8.543	964	971	980	rVB	120248	218234	16.55%	1.780%
10	8.772	1006	1010	1017	rVB5	9117	19687	1.49%	0.161%
11	9.060	1053	1059	1063	rBV6	9992	22552	1.71%	0.184%
12	9.313	1097	1102	1107	rVB5	8573	16571	1.26%	0.135%
13	9.384	1107	1114	1126	rVB	106930	200493	15.21%	1.635%
14	9.560	1142	1144	1153	rVB7	6847	14175	1.08%	0.116%
15	9.948	1206	1210	1220	rVB9	6747	16378	1.24%	0.134%
16	10.206	1245	1254	1259	rBV7	9196	18731	1.42%	0.153%
17	11.035	1389	1395	1401	rBV	173497	326618	24.77%	2.664%
18	11.087	1401	1404	1410	rVB	28516	44665	3.39%	0.364%
19	12.674	1668	1674	1679	rBV	25065	42792	3.25%	0.349%
20	12.891	1704	1711	1717	rVB2	21210	37144	2.82%	0.303%
21	13.449	1795	1806	1812	rBV	225640	356935	27.07%	2.912%
22	13.661	1839	1842	1847	rVB2	9352	14458	1.10%	0.118%
23	14.002	1894	1900	1906	rBV3	9527	22979	1.74%	0.187%
24	14.149	1919	1925	1930	rBV3	15637	29015	2.20%	0.237%
25	14.201	1930	1934	1938	rVV3	11335	16258	1.23%	0.133%
26	14.266	1938	1945	1952	rVB	29550	54054	4.10%	0.441%
27	14.384	1957	1965	1970	rBV4	6624	13651	1.04%	0.111%
28	14.830	2028	2041	2046	rBV2	249785	430215	32.63%	3.509%
29	14.889	2046	2051	2058	rVB	66347	109508	8.31%	0.893%
30	15.224	2101	2108	2115	rVB	73208	121041	9.18%	0.987%
31	15.606	2166	2173	2176	rBV5	9150	18522	1.40%	0.151%
32	15.864	2211	2217	2224	rBV2	147563	241448	18.31%	1.970%
33	16.029	2241	2245	2251	rVB4	15276	27416	2.08%	0.224%
34	16.152	2262	2266	2272	rVB	28888	48700	3.69%	0.397%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021790.D
Acq On : 20 Apr 2016 18:23
Operator : UM/SJ
Sample : H2413-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B31-1(0-2)

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-BG041316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.305	2287	2292	2301	rBV	200560	322994	24.50%	2.635%
36	16.393	2303	2307	2311	rVB5	8368	14131	1.07%	0.115%
37	16.522	2321	2329	2336	rBV5	33046	71175	5.40%	0.581%
38	16.863	2375	2387	2391	rBV3	30948	79304	6.01%	0.647%
39	17.010	2410	2412	2417	rVB5	11429	15515	1.18%	0.127%
40	17.133	2430	2433	2441	rVB7	10011	22131	1.68%	0.181%
41	17.216	2443	2447	2453	rVB	29432	42193	3.20%	0.344%
42	17.286	2456	2459	2464	rVV5	17790	27611	2.09%	0.225%
43	17.339	2464	2468	2472	rVV2	47166	74720	5.67%	0.609%
44	17.380	2472	2475	2480	rVB	39761	61243	4.64%	0.500%
45	17.562	2501	2506	2509	rBV	280330	434191	32.93%	3.542%
46	17.609	2509	2514	2520	rVB	796095	1228585	93.18%	10.022%
47	17.697	2524	2529	2535	rVB	211193	307067	23.29%	2.505%
48	17.956	2568	2573	2582	rBV2	57927	121093	9.18%	0.988%
49	18.432	2651	2654	2658	rBV	70304	94393	7.16%	0.770%
50	18.485	2658	2663	2668	rVB	98326	161117	12.22%	1.314%
51	18.561	2673	2676	2681	rVB2	50644	71320	5.41%	0.582%
52	18.632	2682	2688	2691	rBV2	151059	258603	19.61%	2.109%
53	18.919	2734	2737	2742	rBV	59800	81964	6.22%	0.669%
54	19.601	2848	2853	2858	rBV	879882	1318527	100.00%	10.755%
55	19.930	2905	2909	2910	rBV	123147	163516	12.40%	1.334%
56	19.965	2910	2915	2922	rVB	670685	1065800	80.83%	8.694%
57	20.147	2942	2946	2951	rVB2	334540	445784	33.81%	3.636%
58	21.828	3227	3232	3239	rBV3	400797	1070201	81.17%	8.730%

Sum of corrected areas: 12259314

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
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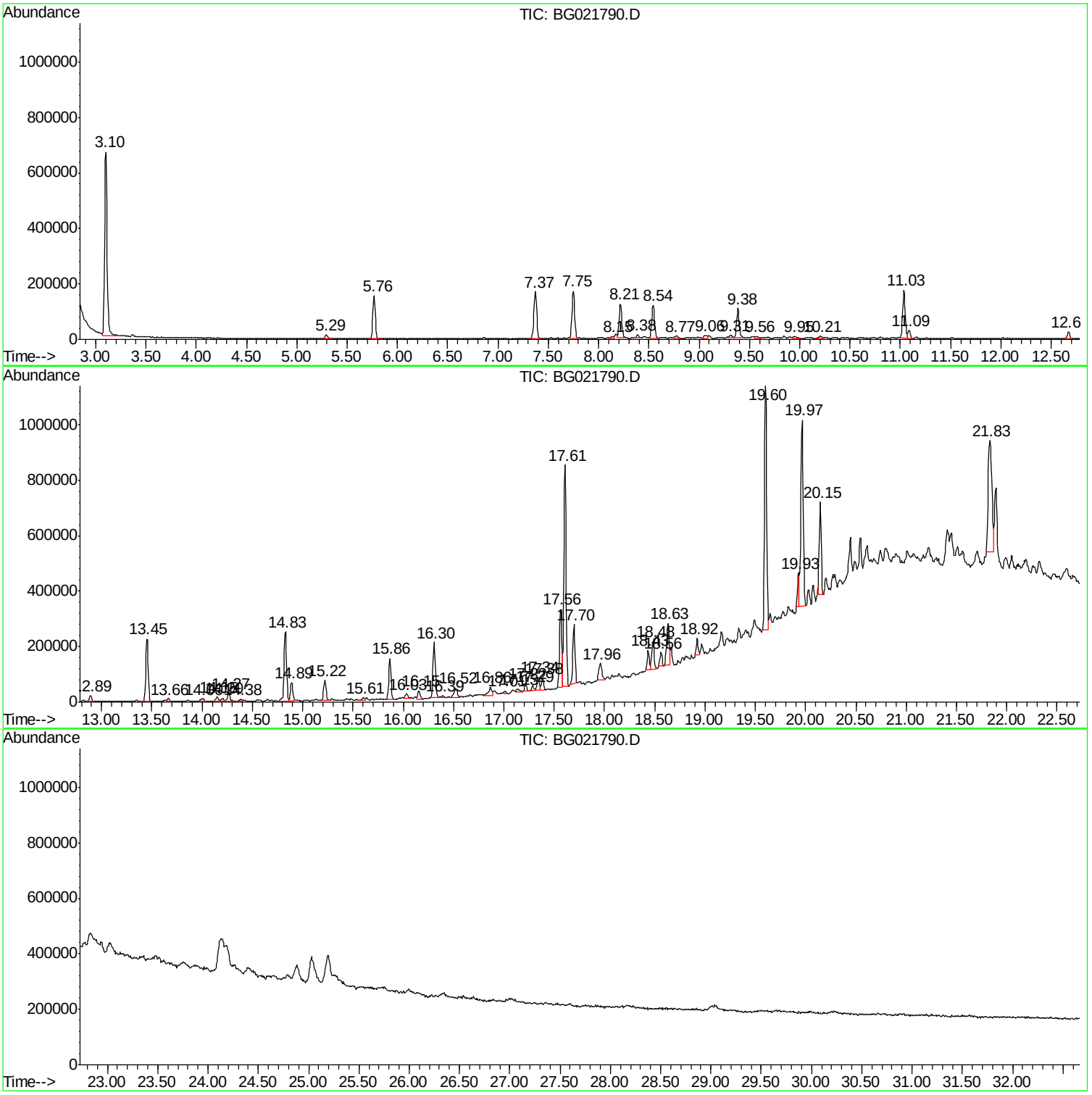
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B31-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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\BG042116\
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Acq On : 20 Apr 2016 18:23
Operator : UM/SJ
Sample : H2413-10 5X
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B31-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

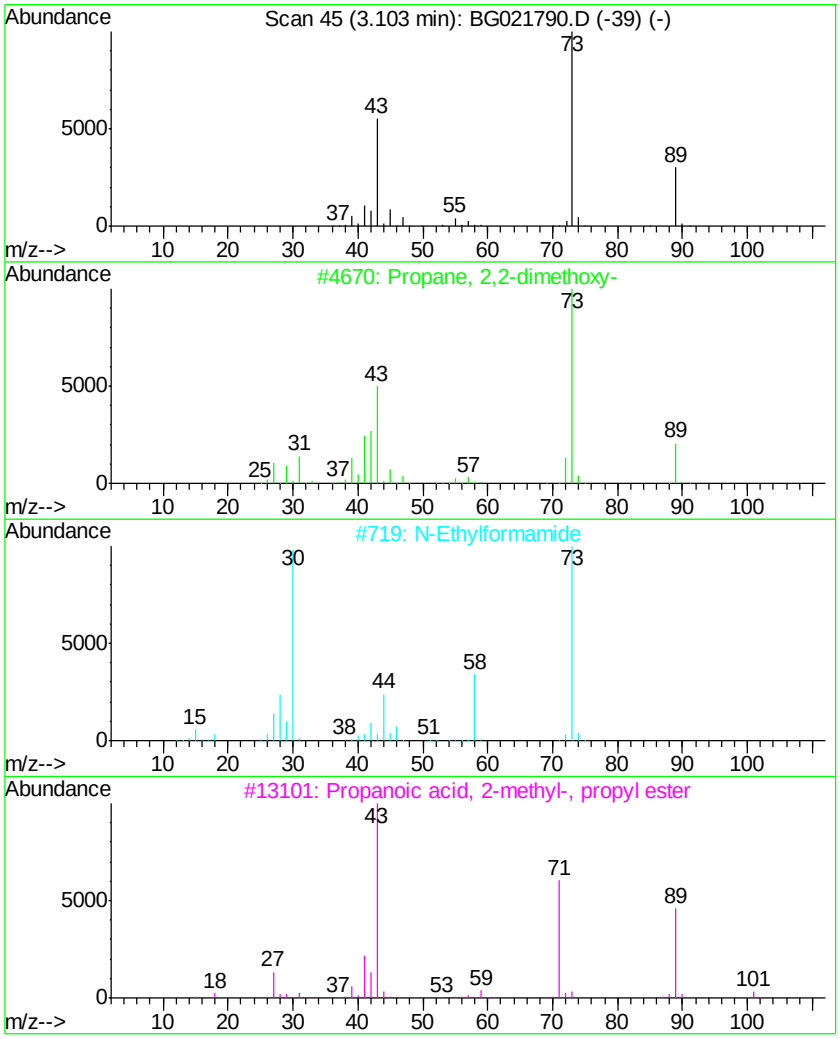
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

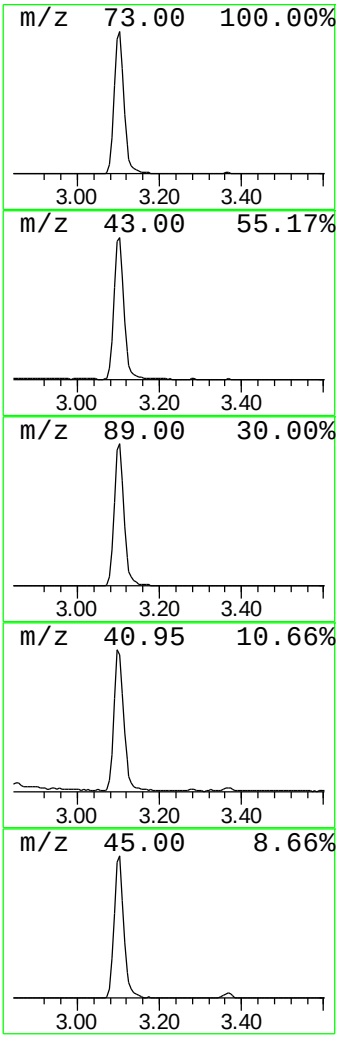
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	104.23 ng	1073330	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021790.D
Acq On : 20 Apr 2016 18:23
Operator : UM/SJ
Sample : H2413-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B31-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

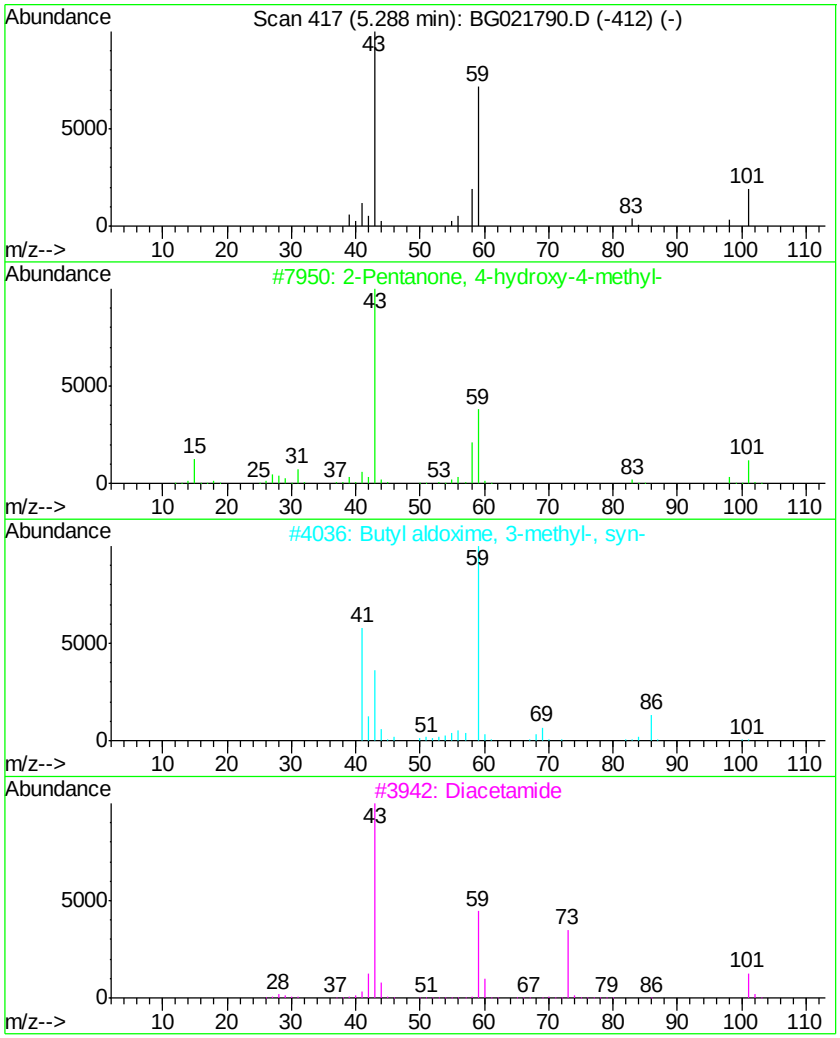
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

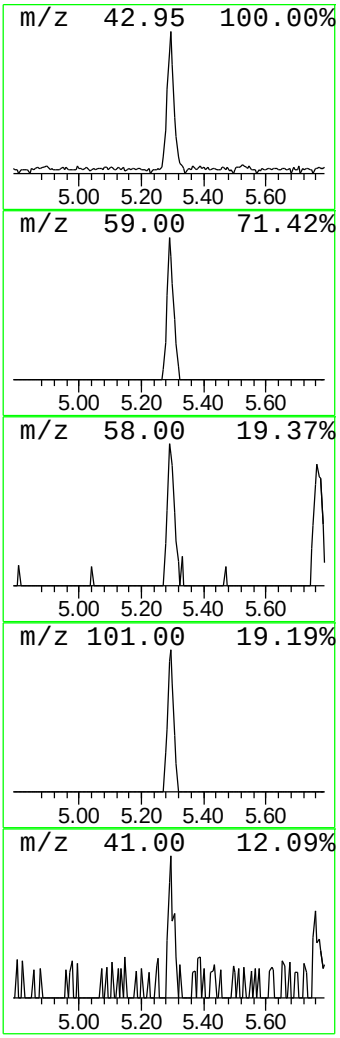
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	2.34 ng	24058	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9
3	Diacetamide	101	C4H7NO2	000625-77-4	7
4	Acetone	58	C3H6O	000067-64-1	5
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021790.D
Acq On : 20 Apr 2016 18:23
Operator : UM/SJ
Sample : H2413-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B31-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

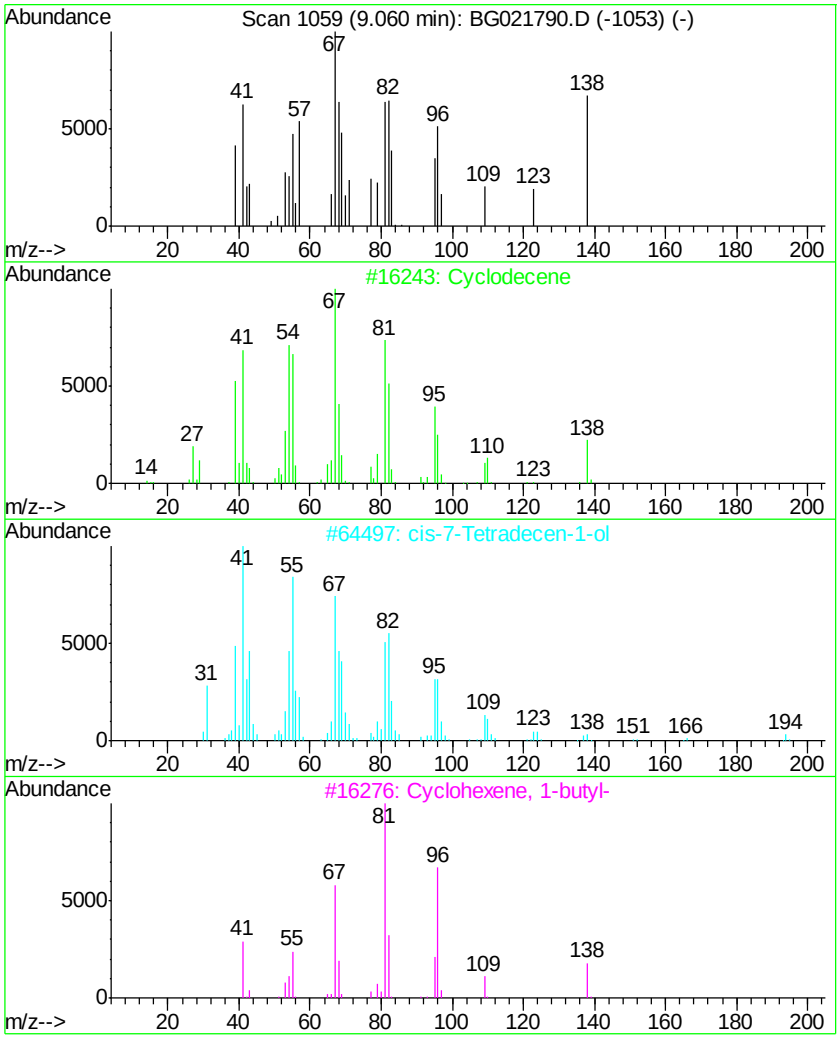
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

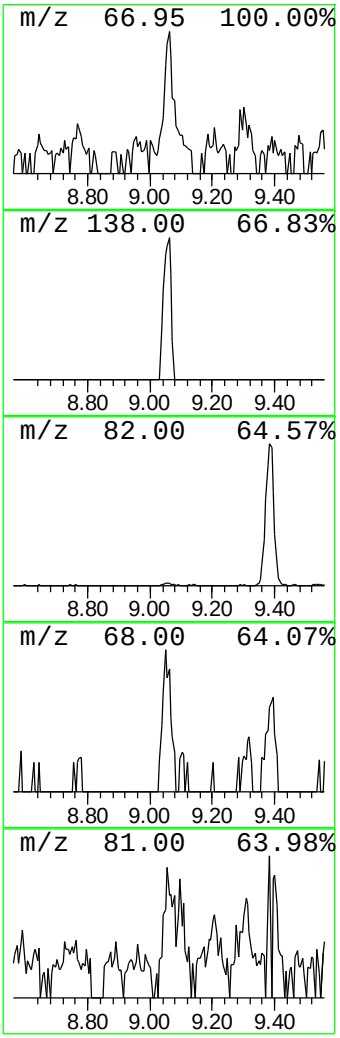
****

Peak Number 5 Cyclodecene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	2.19 ng	22552	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecene	138	C10H18	003618-12-0	68
2	cis-7-Tetradecen-1-ol	212	C14H28O	040642-43-1	59
3	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	49
4	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	47
5	Cycloheptene	96	C7H12	000628-92-2	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021790.D
Acq On : 20 Apr 2016 18:23
Operator : UM/SJ
Sample : H2413-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B31-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

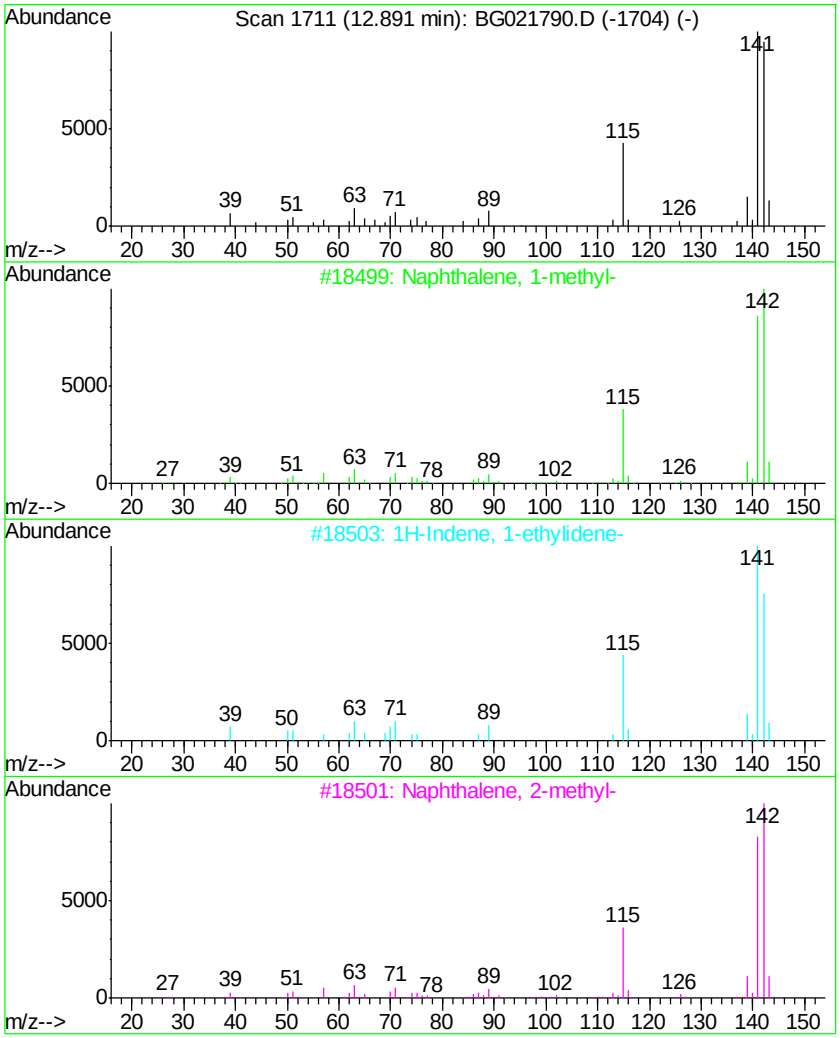
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

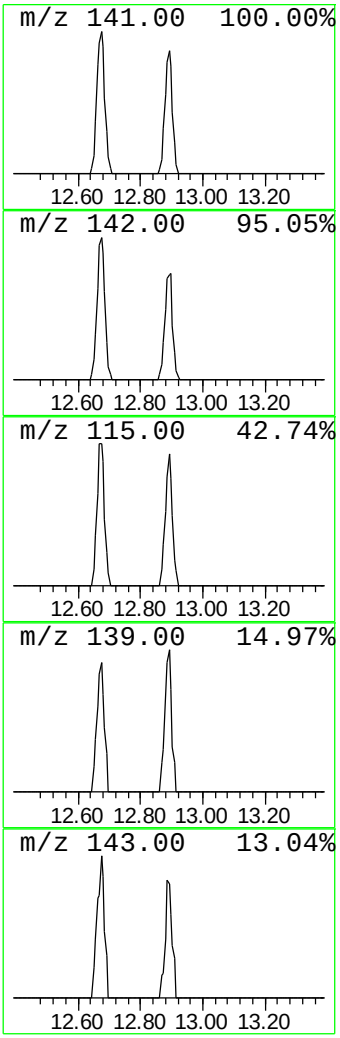
****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	2.27 ng	37144	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021790.D
Acq On : 20 Apr 2016 18:23
Operator : UM/SJ
Sample : H2413-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B31-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

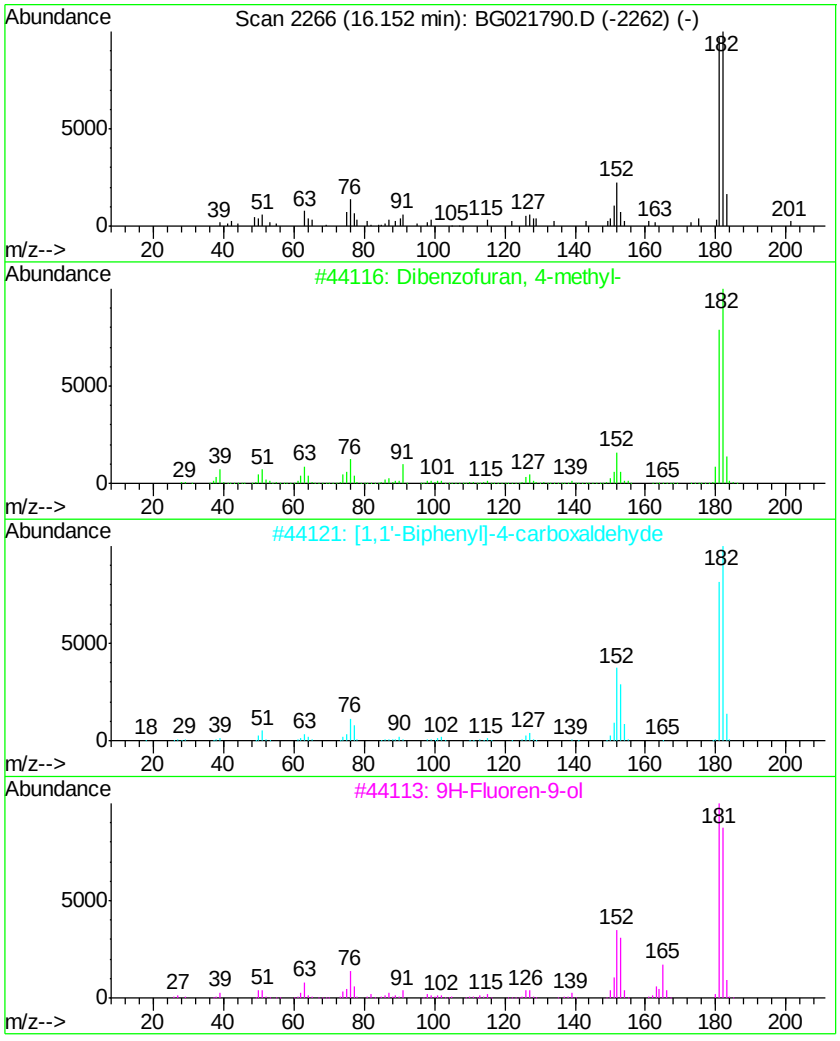
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

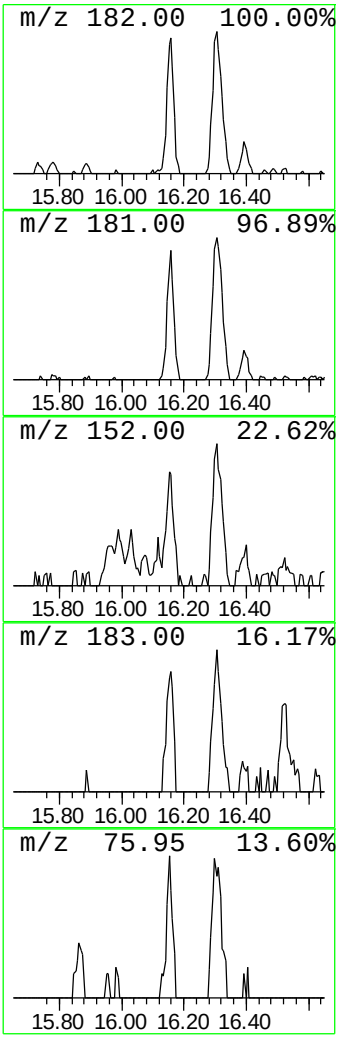
****

Peak Number 7 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.26 ng	48700	Acenaphthene-d10	14.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021790.D
Acq On : 20 Apr 2016 18:23
Operator : UM/SJ
Sample : H2413-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B31-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

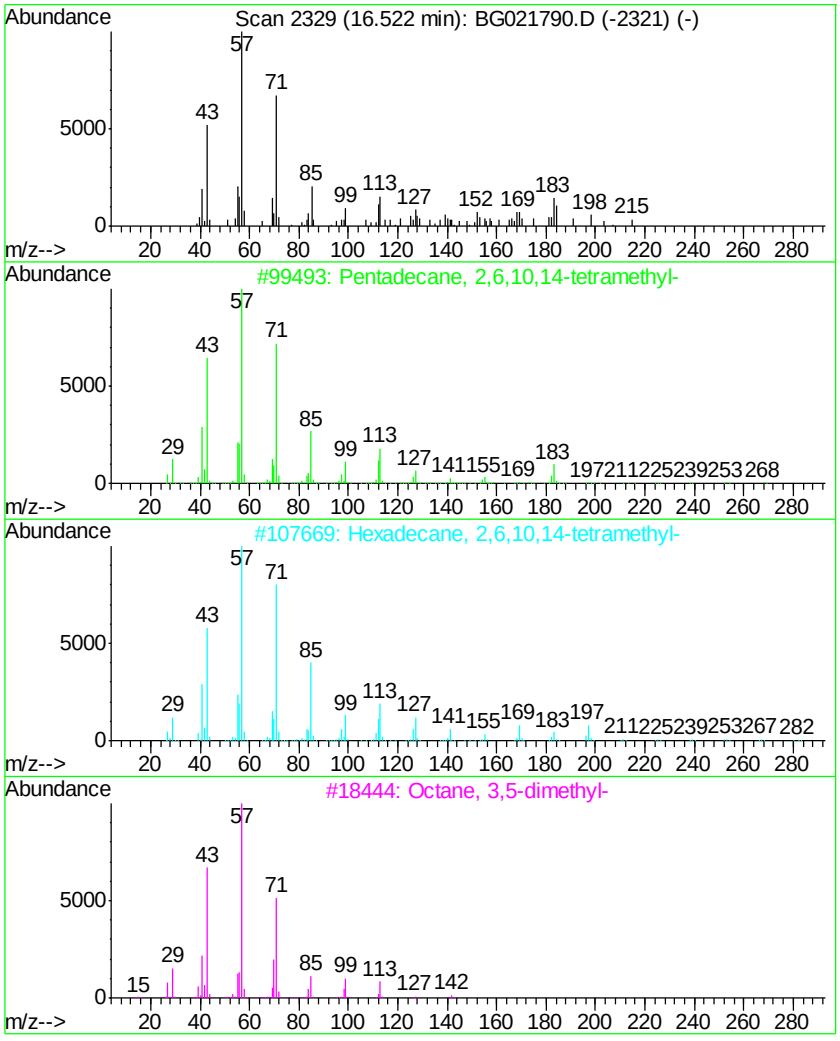
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

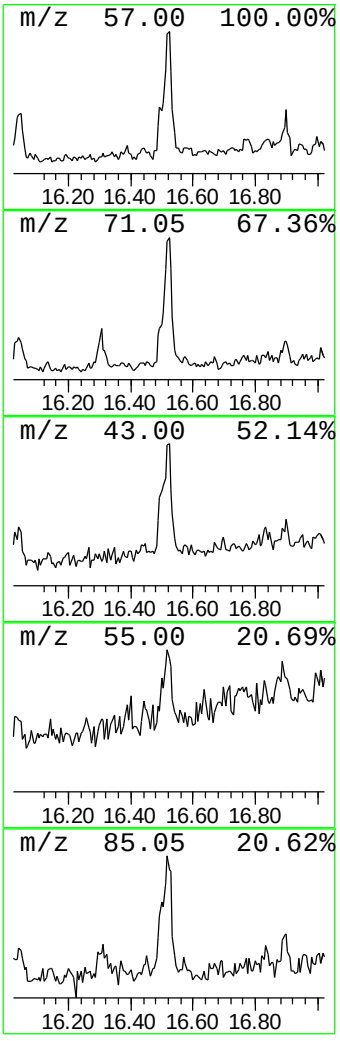
****

Peak Number 8 Pentadecane, 2,6,10,14-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	3.28 ng	71175	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	52
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021790.D
Acq On : 20 Apr 2016 18:23
Operator : UM/SJ
Sample : H2413-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B31-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

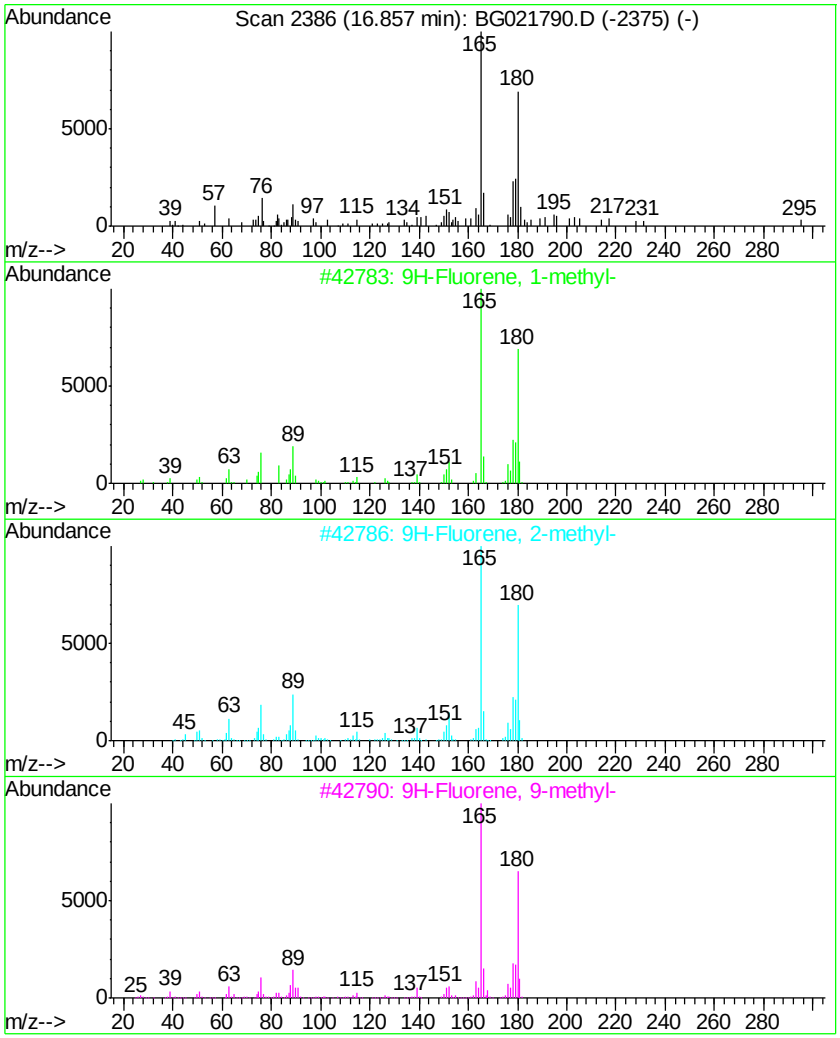
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

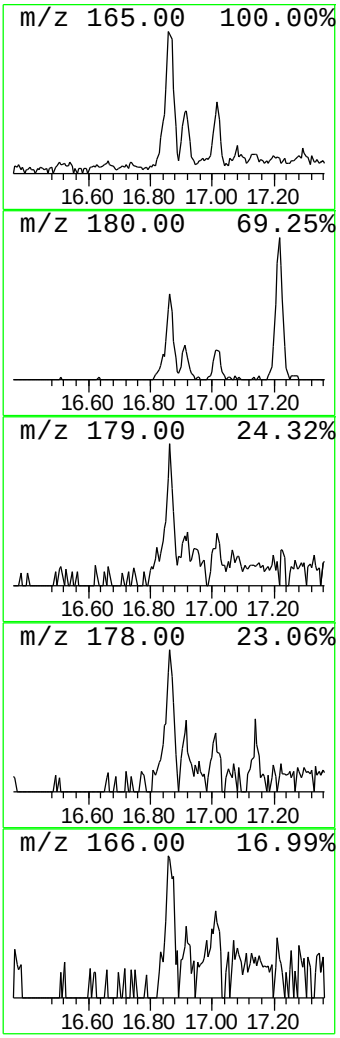
****

Peak Number 9 9H-Fluorene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	3.65 ng	79304	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	81
5	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021790.D
Acq On : 20 Apr 2016 18:23
Operator : UM/SJ
Sample : H2413-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B31-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

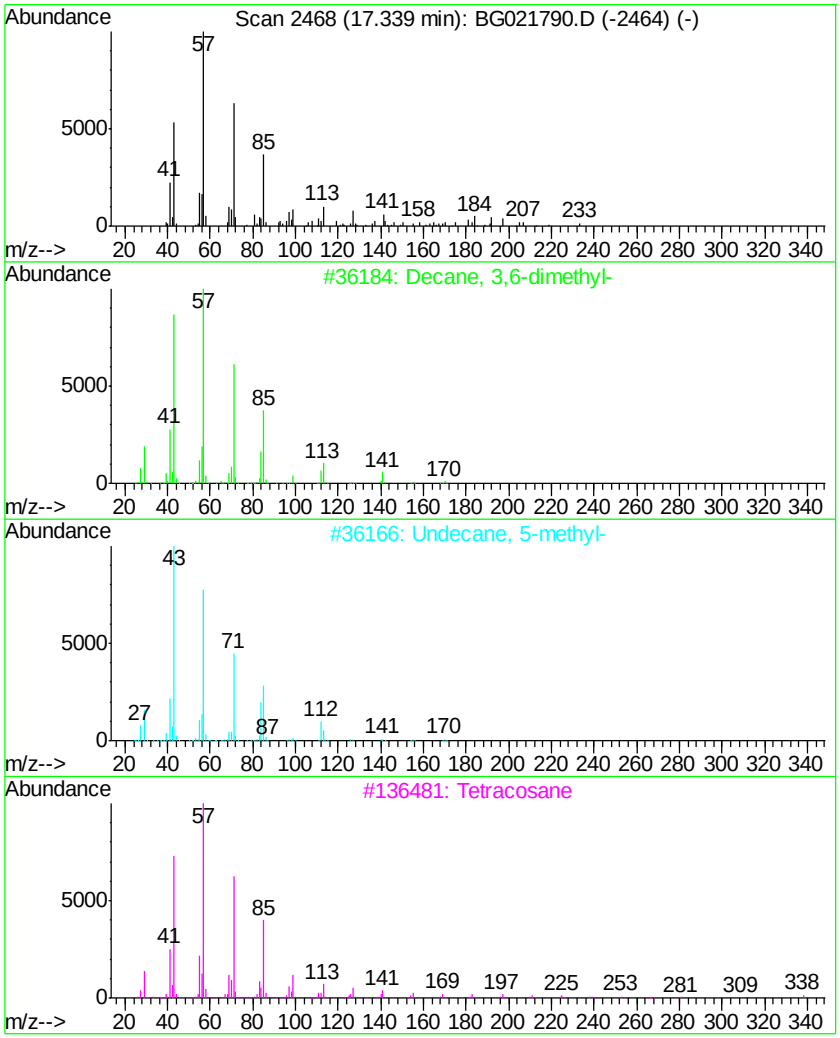
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

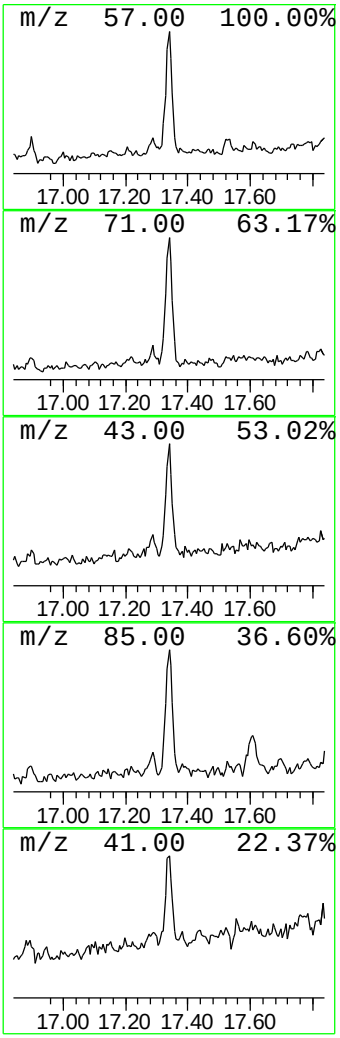
****

Peak Number 10 Decane, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	3.44 ng	74720	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	74
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	74
3	Tetracosane	338	C24H50	000646-31-1	72
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5	Heptacosane	380	C27H56	000593-49-7	68





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Data File : BG021790.D
Acq On : 20 Apr 2016 18:23
Operator : UM/SJ
Sample : H2413-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B31-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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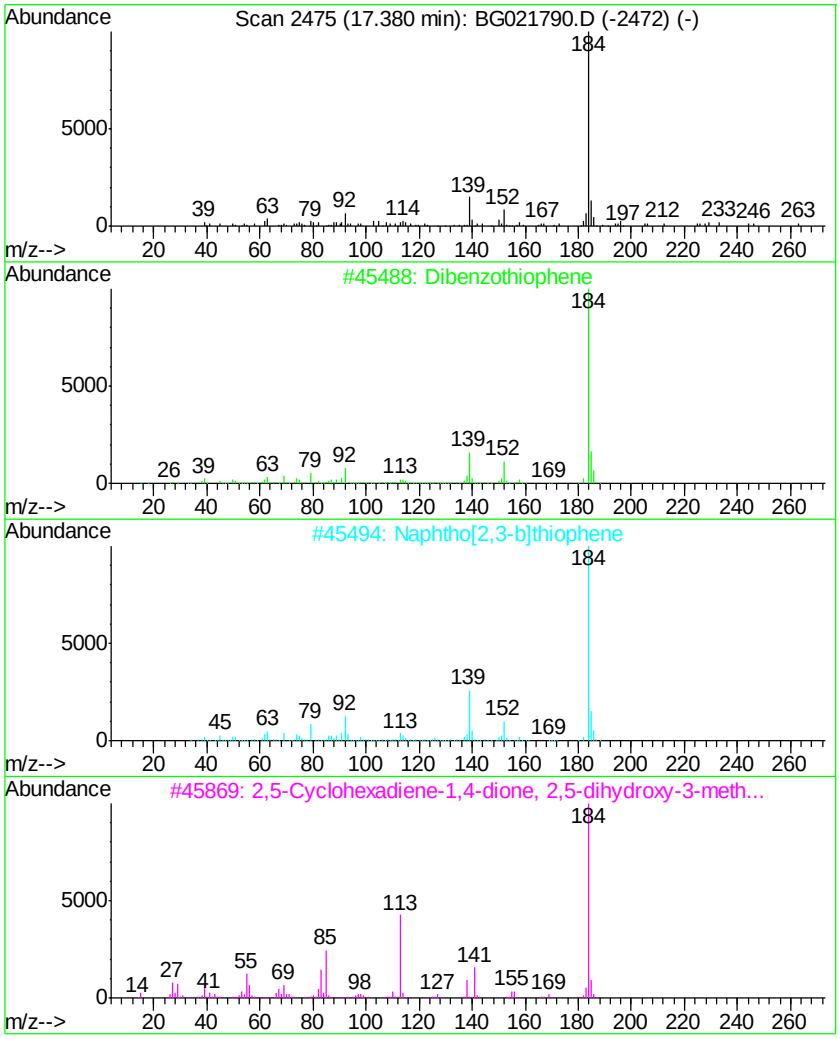
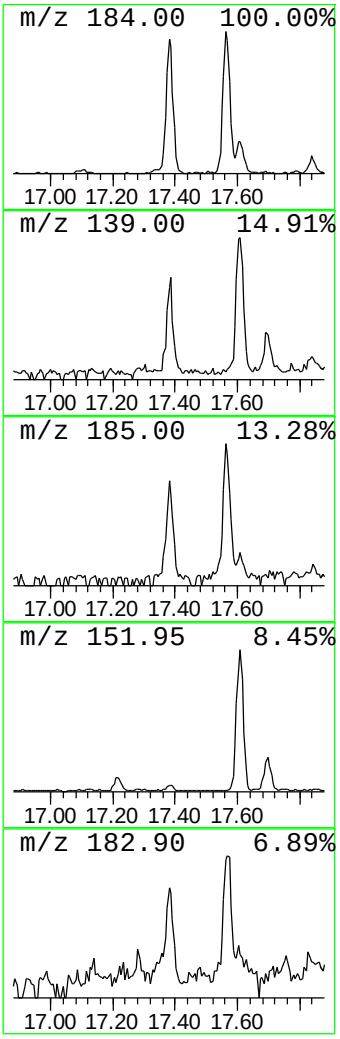
Peak Number 11 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	2.82 ng	61243	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	87
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	80
3	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	72
4	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	72
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	64





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Acq On : 20 Apr 2016 18:23
Operator : UM/SJ
Sample : H2413-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B31-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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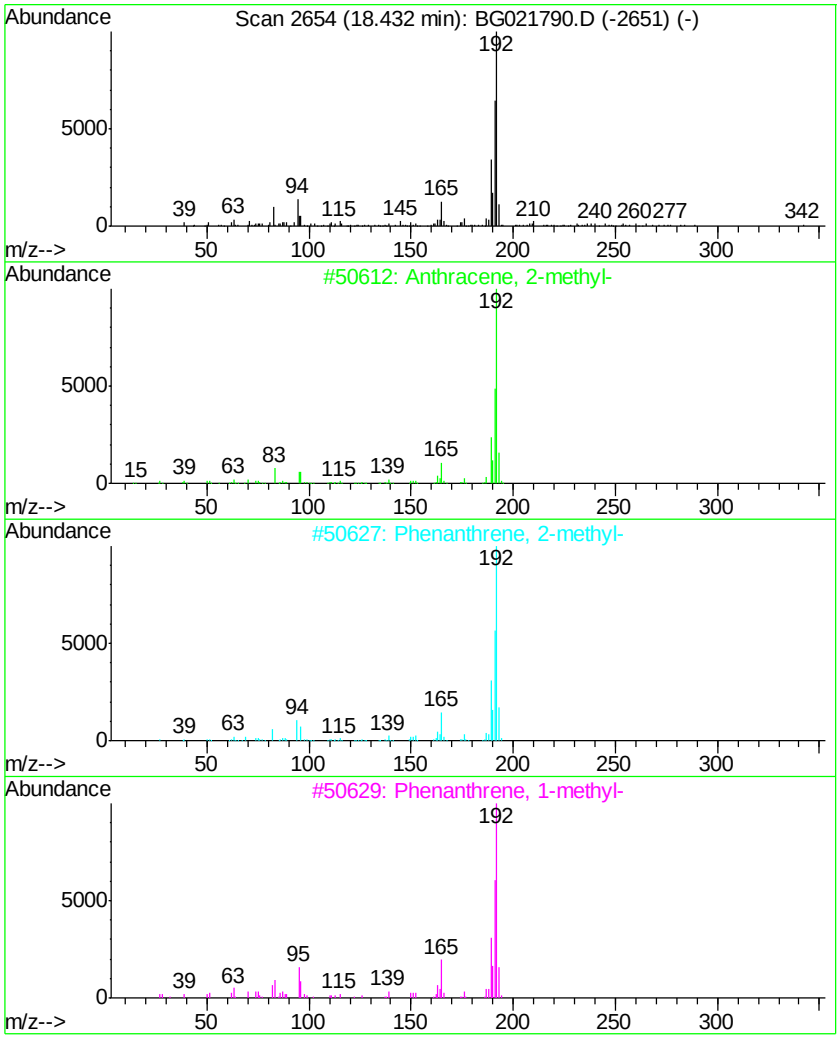
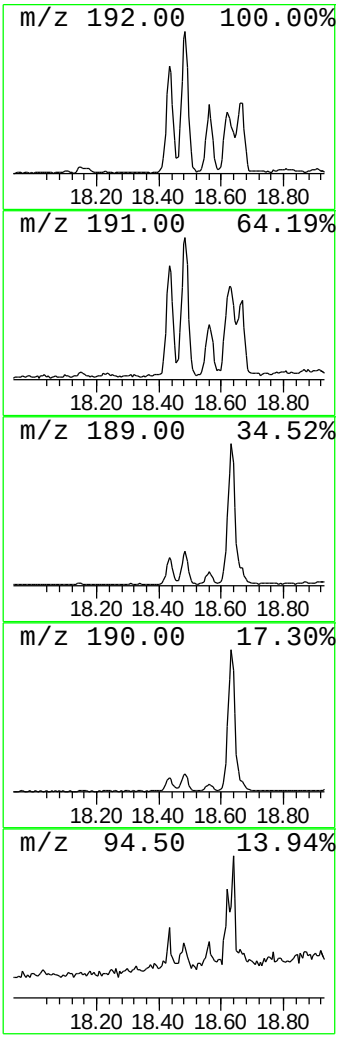
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	4.35 ng	94393	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	68
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	68





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Data File : BG021790.D
Acq On : 20 Apr 2016 18:23
Operator : UM/SJ
Sample : H2413-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B31-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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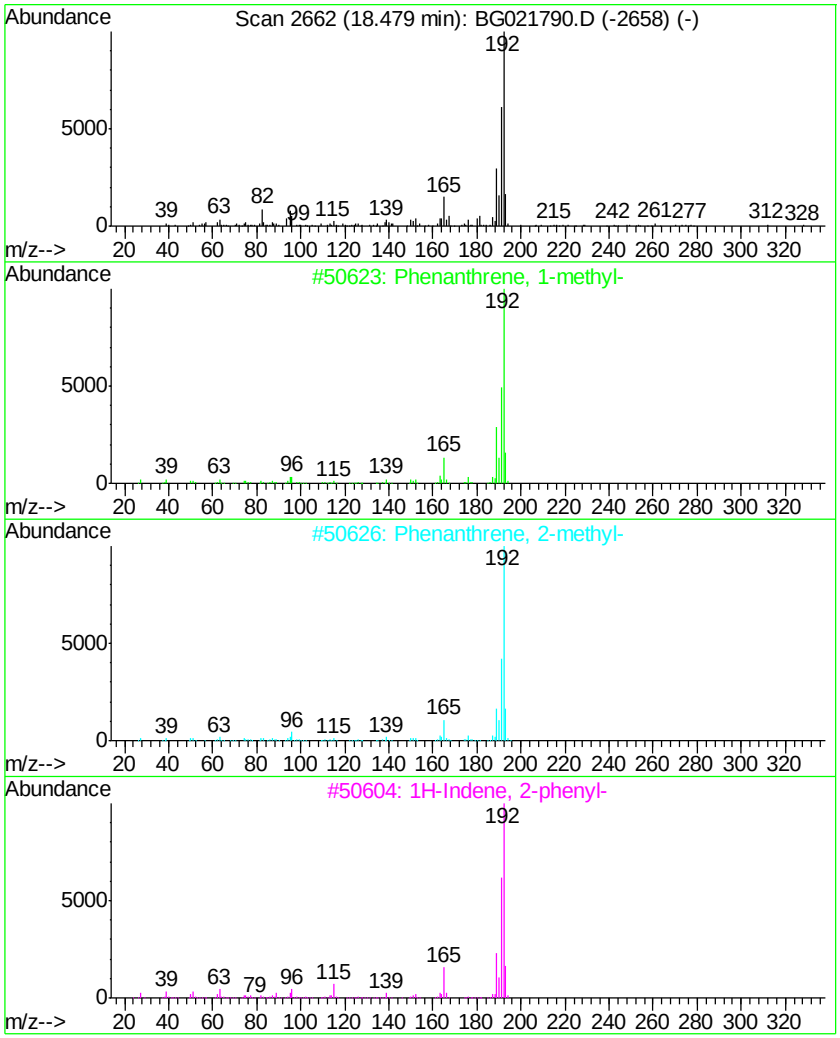
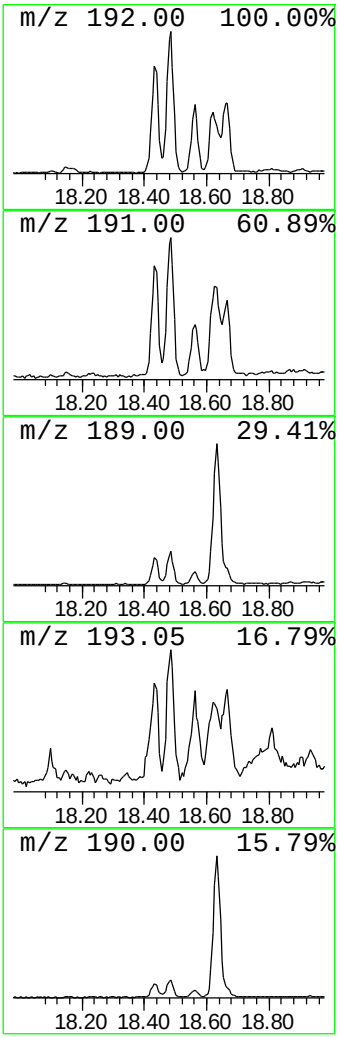
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	7.42 ng	161117	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Data File : BG021790.D
Acq On : 20 Apr 2016 18:23
Operator : UM/SJ
Sample : H2413-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B31-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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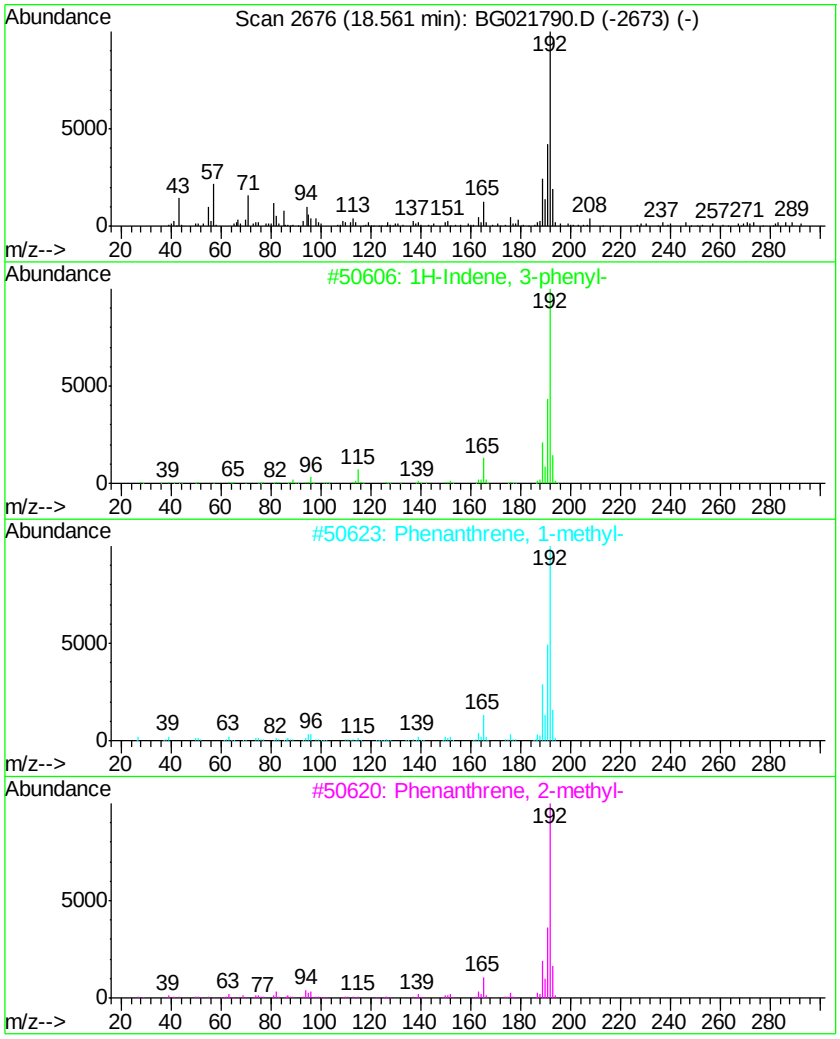
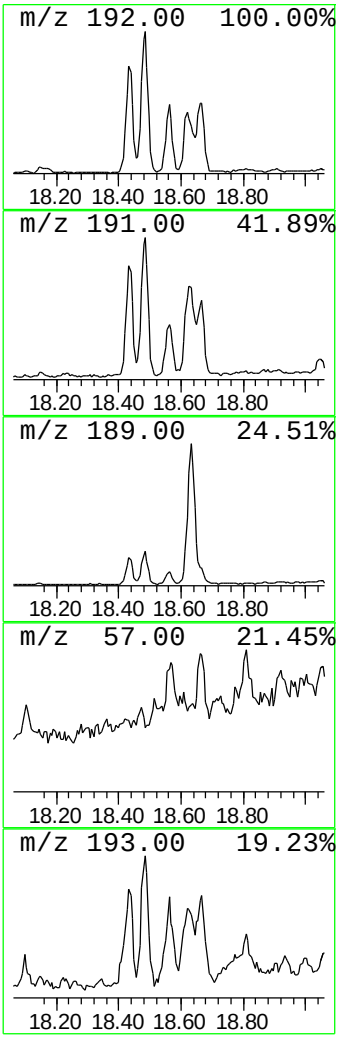
Peak Number 14 1H-Indene, 3-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	3.29 ng	71320	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Data File : BG021790.D
Acq On : 20 Apr 2016 18:23
Operator : UM/SJ
Sample : H2413-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B31-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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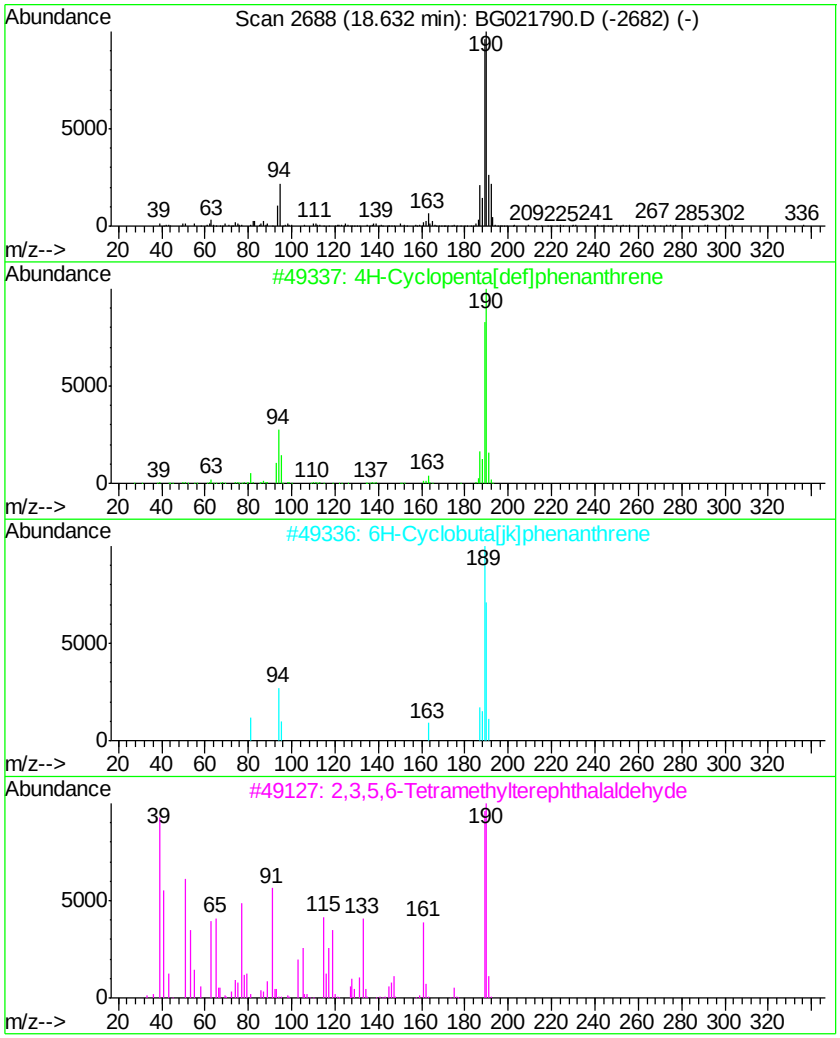
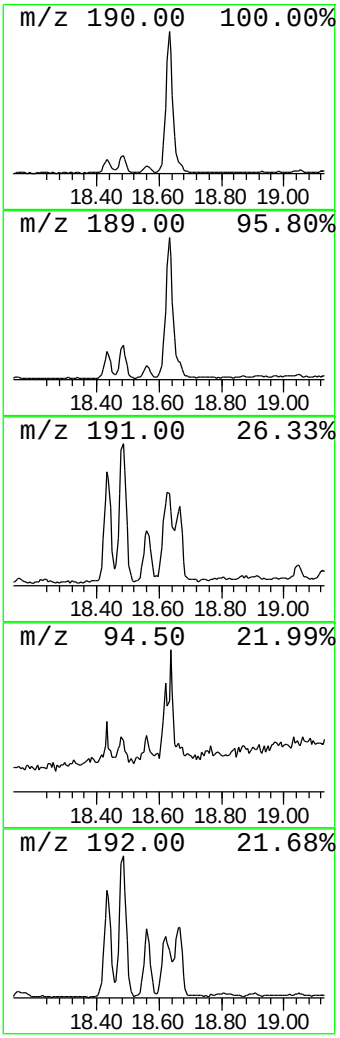
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	11.91 ng	258603	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Butanoic acid, 4-(ethylthio)-2-[...	307	C12H29NO2SSi2	055255-82-8	23





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Data File : BG021790.D
Acq On : 20 Apr 2016 18:23
Operator : UM/SJ
Sample : H2413-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B31-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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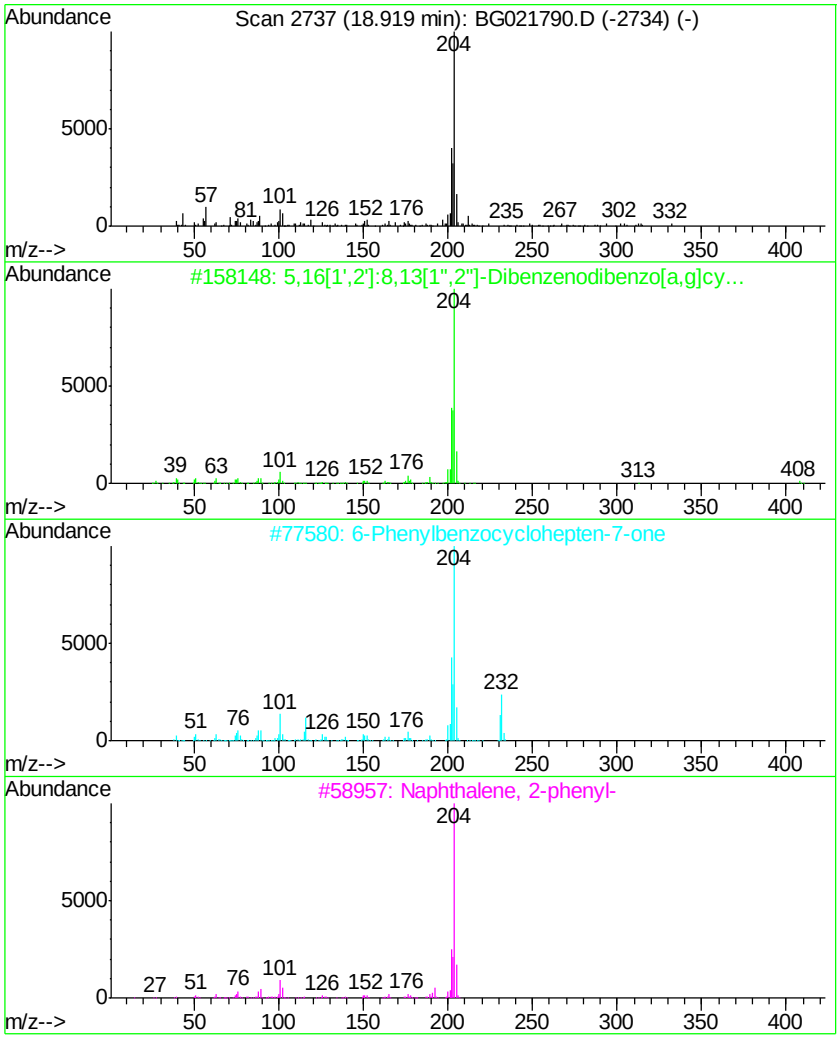
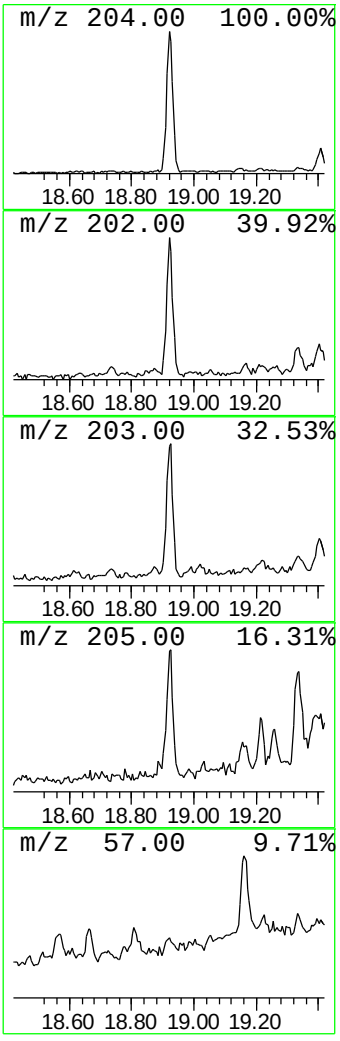
Peak Number 16 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	3.78 ng	81964	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042116\
Data File : BG021790.D
Acq On : 20 Apr 2016 18:23
Operator : UM/SJ
Sample : H2413-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B31-1(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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
Propane, 2,2-dime...	3.10	104.2	ng	1073330	1	8.21	205947	20.0
2-Pentanone, 4-hy...	5.29	2.3	ng	24058	1	8.21	205947	20.0
Cyclodecene	9.06	2.2	ng	22552	1	8.21	205947	20.0
Naphthalene, 1-me...	12.89	2.3	ng	37144	2	11.03	326618	20.0
Dibenzofuran, 4-m...	16.15	2.3	ng	48700	3	14.83	430215	20.0
Pentadecane, 2,6,...	16.52	3.3	ng	71175	4	17.56	434191	20.0
9H-Fluorene, 1-me...	16.86	3.6	ng	79304	4	17.56	434191	20.0
Decane, 3,6-dimet...	17.34	3.4	ng	74720	4	17.56	434191	20.0
Dibenzothiophene	17.38	2.8	ng	61243	4	17.56	434191	20.0
Anthracene, 2-met...	18.43	4.3	ng	94393	4	17.56	434191	20.0
Phenanthrene, 1-m...	18.48	7.4	ng	161117	4	17.56	434191	20.0
1H-Indene, 3-phenyl-	18.56	3.3	ng	71320	4	17.56	434191	20.0
4H-Cyclopenta[def...	18.63	11.9	ng	258603	4	17.56	434191	20.0
5,16[1',2']:8,13[...	18.92	3.8	ng	81964	4	17.56	434191	20.0