LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

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-BG122116.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	5.261	405	412	423	rBV	162873	282636	4.24%	0.785%
2	5.737	487	493	505	rBV	501737	915892	13.73%	2.544%
3	7.358	762	769	781	rBV2	321294	629817	9.44%	1.749%
4	7.729	824	832	845	rBV2	954856	1797285	26.94%	4.991%
5	8.199	905	912	921	rBV2	204526	386495	5.79%	1.073%
6	8.522	959	967	979	rVB	869553	1579194	23.67%	4.386%
7	9.385	1105	1114	1127	rBV	762171	1546337	23.17%	4.294%
8	9.644	1152	1158	1164	rVB3	44103	72456	1.09%	0.201%
9	10.408	1281	1288	1295	rVB9	32456	76388	1.14%	0.212%
10	10.854	1357	1364	1370	rBV6	46191	98385	1.47%	0.273%
11	11.031	1382	1394	1404	rBV2	269922	611551	9.17%	1.698%
12	11.483	1465	1471	1477	rBV3	51817	97843	1.47%	0.272%
13	11.595	1484	1490	1495	rBV3	62455	108562	1.63%	0.301%
14	11.812	1523	1527	1538	rVB10	32589	73990	1.11%	0.205%
15	12.558	1649	1654	1660	rBV5	56735	104863	1.57%	0.291%
16	12.858	1695	1705	1709	rBV5	29590	87035	1.30%	0.242%
17	12.922	1709	1716	1723	rVB2	148468	279848	4.19%	0.777%
18	12.993	1723	1728	1734	rVB9	45829	94760	1.42%	0.263%
19	13.093	1736	1745	1748	rBV9	40430	102855	1.54%	0.286%
20	13.175	1755	1759	1766	rVB2	103628	163036	2.44%	0.453%
21	13.299	1775	1780	1788	rBV4	74637	155262	2.33%	0.431%
22	13.445	1798	1805	1812	rBV	2145447	3270709	49.02%	9.083%
23	13.816	1860	1868	1872	rBV9	32948	77106	1.16%	0.214%
24	14.127	1914	1921	1923	rVV6	77478	169837	2.55%	0.472%
25	14.162	1923	1927	1930	rVV3	398046	689647	10.34%	1.915%
26	14.197	1930	1933	1942	rVB2	340391	592982	8.89%	1.647%
27	14.333	1948	1956	1963	rVB4	345207	858849	12.87%	2.385%
28	14.591	1995	2000	2004	rBV8	31658	67868	1.02%	0.188%
29	14.638	2004	2008	2016	rVB9	64242	142411	2.13%	0.395%
30	14.826	2034	2040	2049	rBV2	538785	1017223	15.24%	2.825%
31	14.950	2055	2061	2064	rBV2	102425	167798	2.51%	0.466%
32	14.991	2064	2068	2075	rVB3	263871	456629	6.84%	1.268%
33	15.143	2084	2094	2098	rBV4	269833	592568	8.88%	1.646%
34	15.273	2112	2116	2123	rBV2	99980	175997	2.64%	0.489%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

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-BG122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.384	2131	2135	2140	rVB	118370	155695	2.33%	0.432%
36	15.455	2142	2147	2156	rVB7	142792	317095	4.75%	0.881%
37	15.566	2160	2166	2171	rVV2	196775	289015	4.33%	0.803%
38	15.672	2178	2184	2192	rVV5	339883	732276	10.97%	2.034%
39	15.749	2192	2197	2209	rVV2	160113	355269	5.32%	0.987%
40	15.866	2211	2217	2221	rVB5	91788	171347	2.57%	0.476%
41	16.072	2248	2252	2256	rBV	137520	194403	2.91%	0.540%
42	16.113	2256	2259	2263	rVV2	78862	98456	1.48%	0.273%
43	16.177	2265	2270	2273	rBV7	42971	82213	1.23%	0.228%
44	16.313	2283	2293	2306	rBV3	2158569	4550981	68.20%	12.639%
45	16.442	2311	2315	2320	rVB	183132	261612	3.92%	0.727%
46	16.595	2338	2341	2345	rVB5	54843	74503	1.12%	0.207%
47	16.642	2346	2349	2356	rVB7	43178	84442	1.27%	0.235%
48	16.753	2364	2368	2373	rVB8	39719	69992	1.05%	0.194%
49	16.859	2382	2386	2388	rBV5	53892	84804	1.27%	0.236%
50	17.035	2413	2416	2425	rVB5	50374	97101	1.46%	0.270%
51	17.570	2502	2507	2517	rVB2	689275	1053486	15.79%	2.926%
52	20.149	2940	2946	2952	rBV	4910458	6672612	100.00%	18.531%
53	21.859	3231	3237	3247	rVB	861933	1544061	23.14%	4.288%
54	25.261	3805	3816	3831	rVB2	491160	1575202	23.61%	4.375%

Sum of corrected areas: 36008679

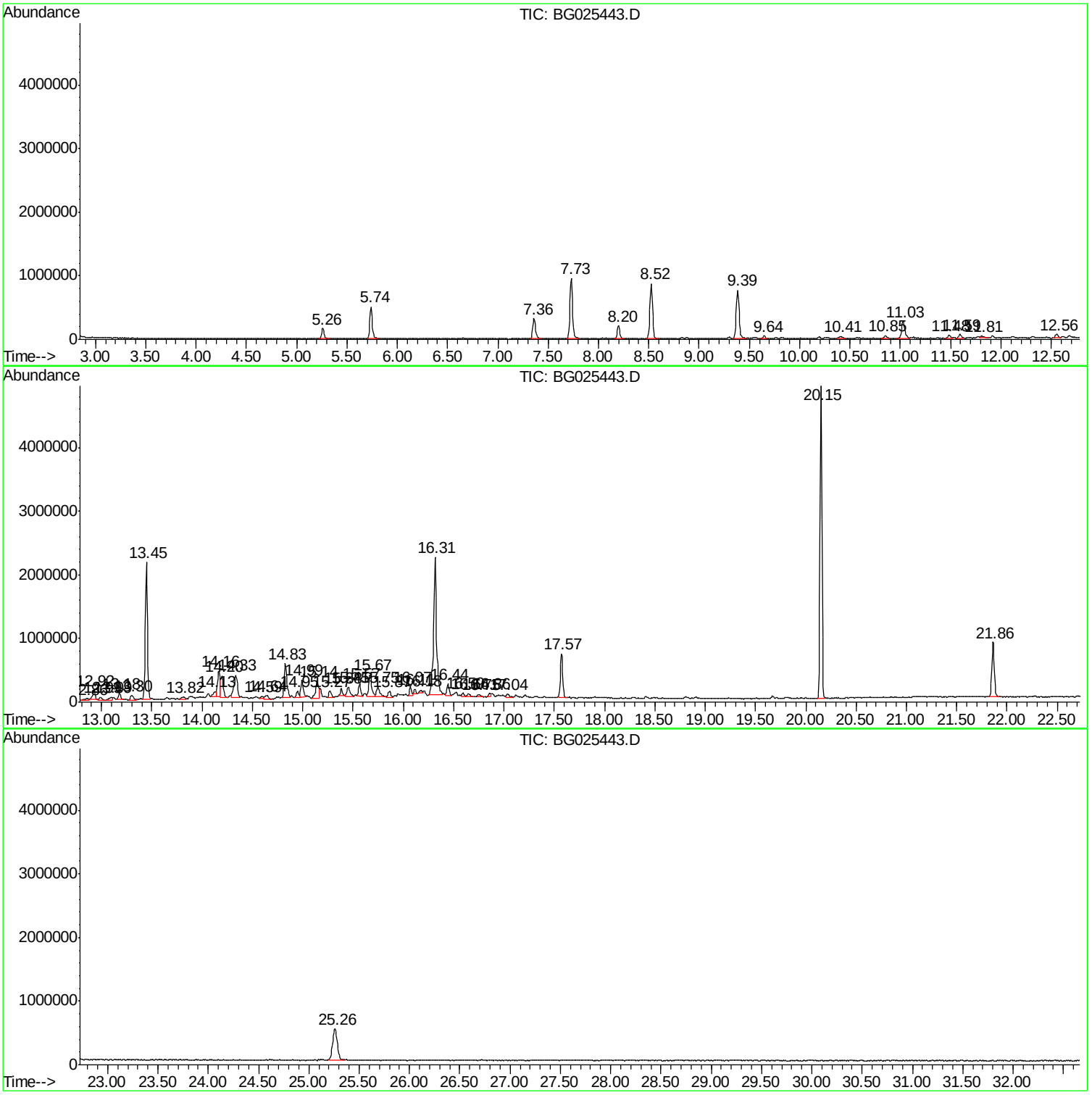
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.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\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

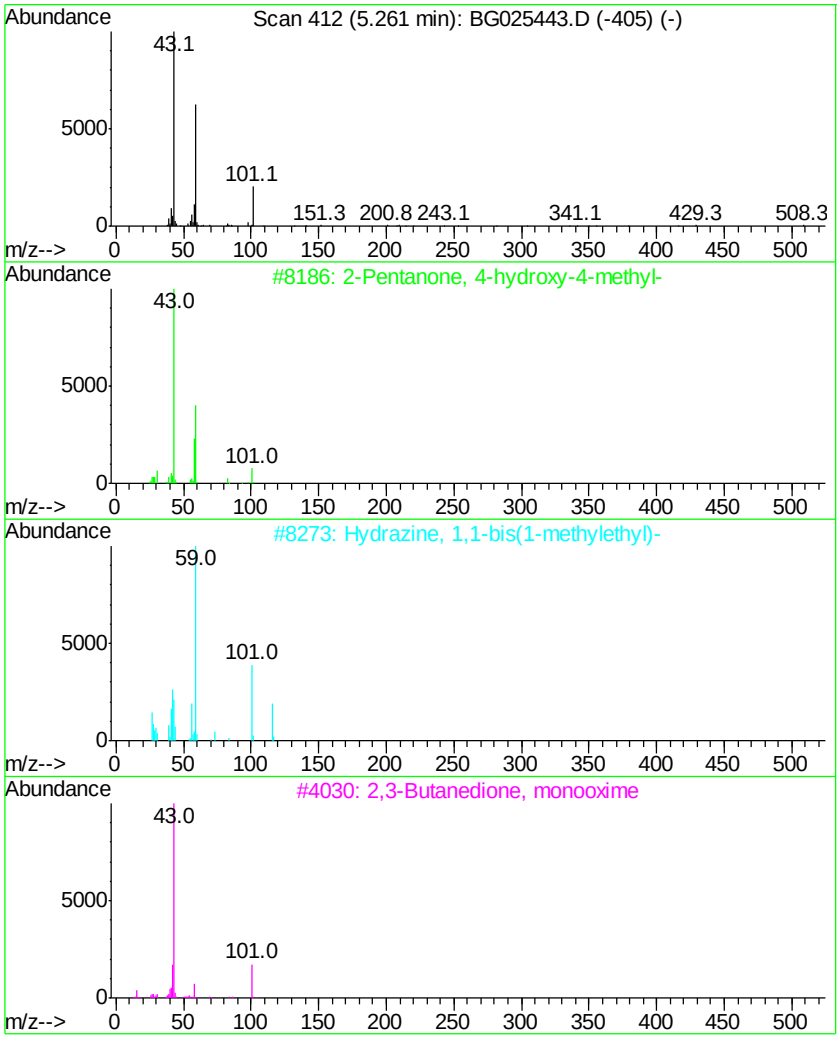
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

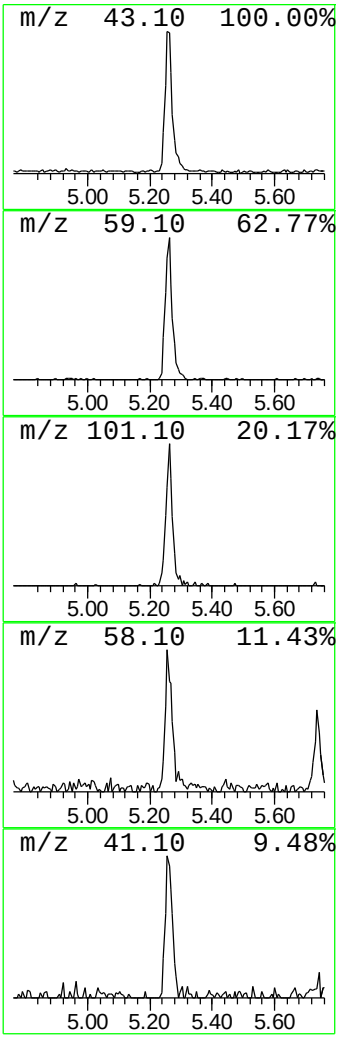
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	14.63 ng	282636	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	3-Heptadecanol	256	C17H36O	084534-30-5	17
5	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	16





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

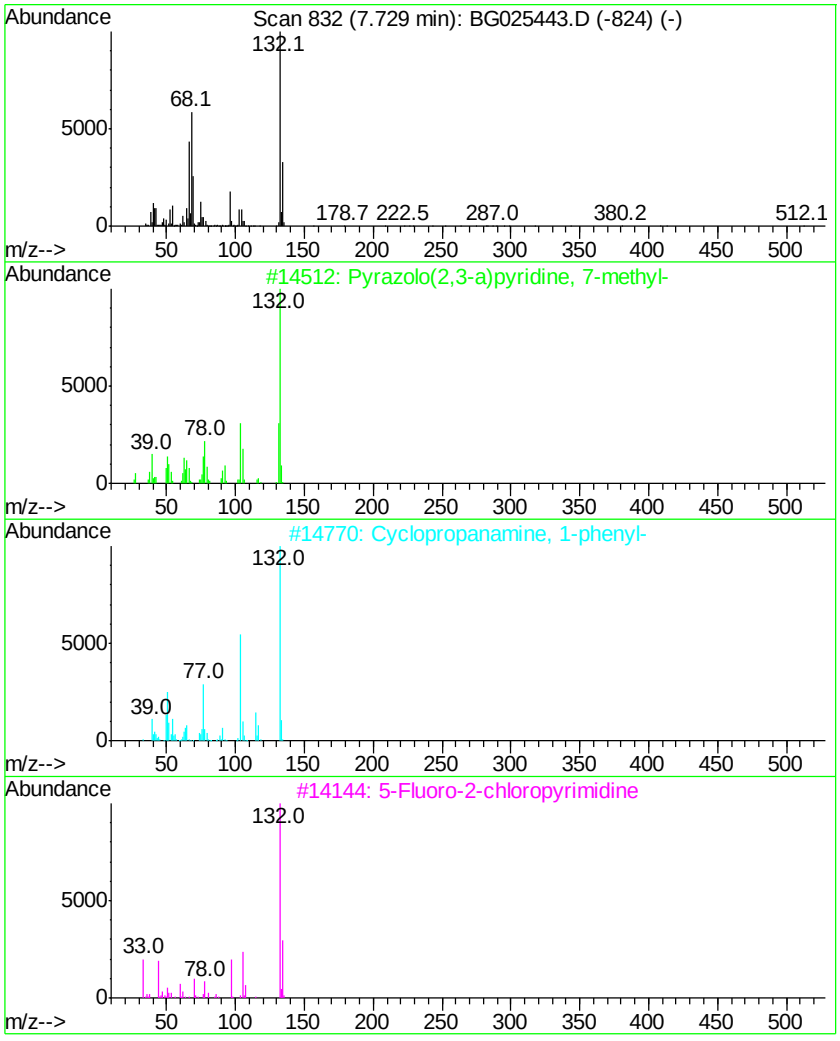
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

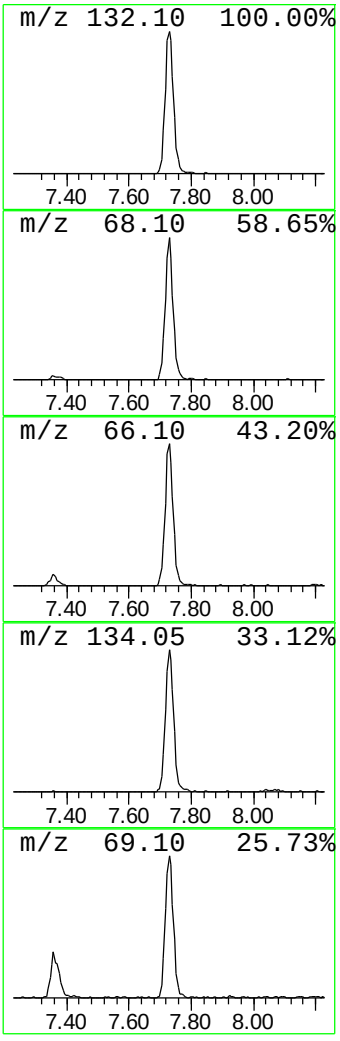
****

Peak Number 2 unknown7.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	93.00 ng	1797290	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10
2	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
4	Xenon	132	Xe	007440-63-3	9
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

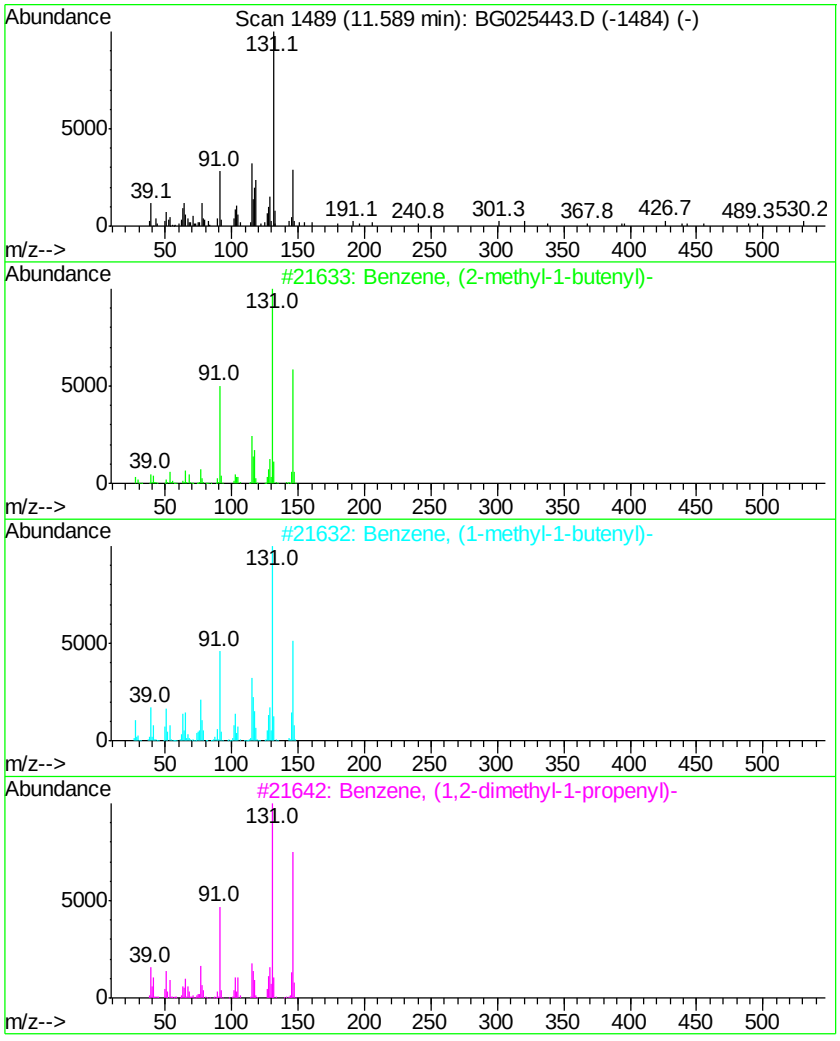
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

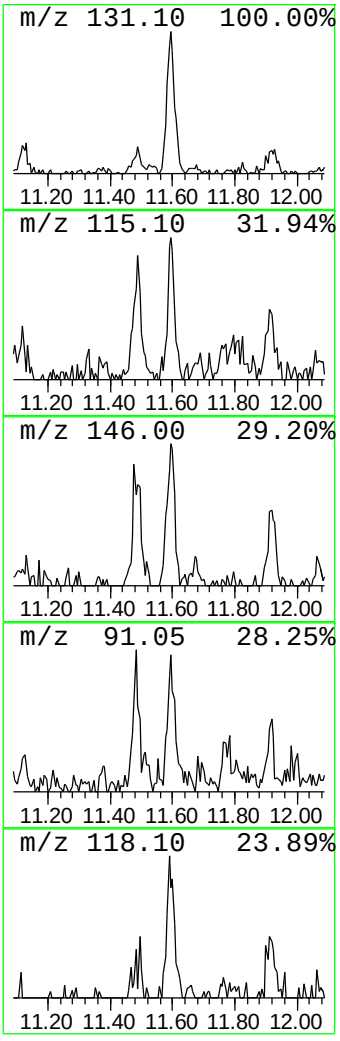
****

Peak Number 4 Benzene, (2-methyl-1-butenyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	3.55 ng	108562	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

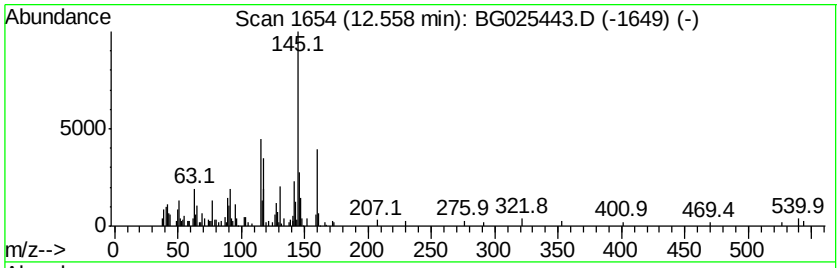
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

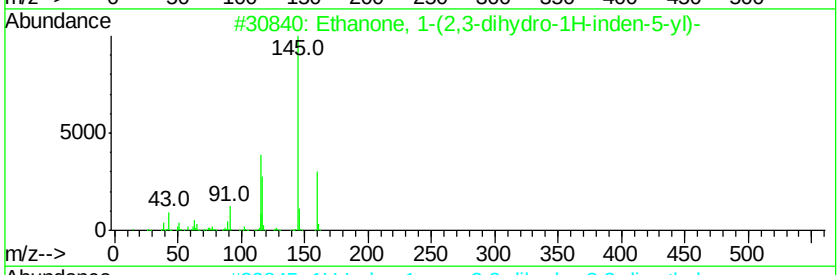
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

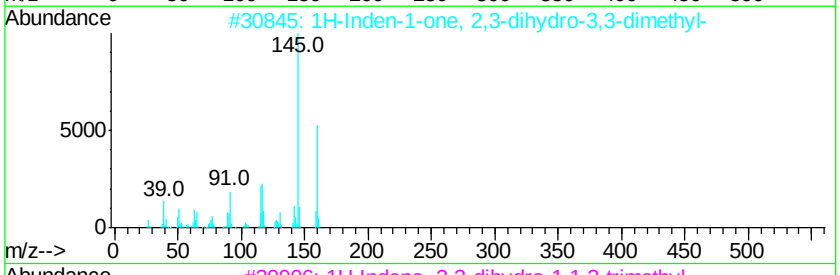
****
Peak Number 5 Ethanone, 1-(2,3-dihydro-1H... Concentration Rank 18

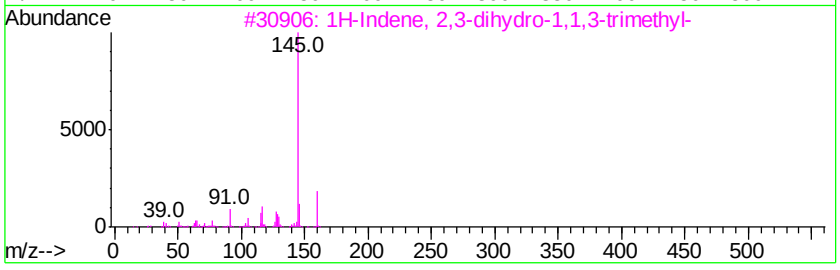
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.43 ng	104863	Naphthalene-d8	11.03

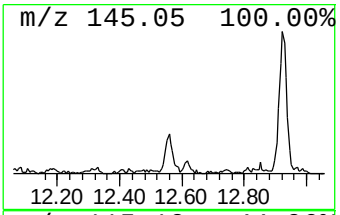
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	64
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	64
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	52
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	52
5	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	52

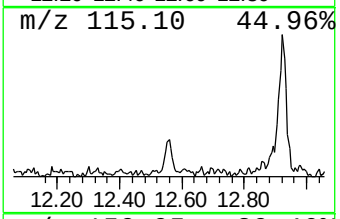


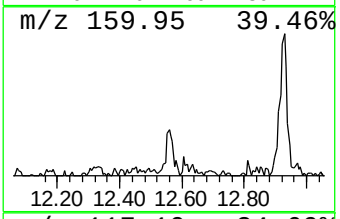


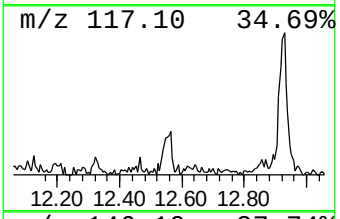


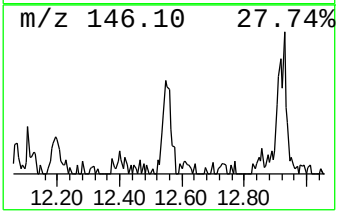












Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

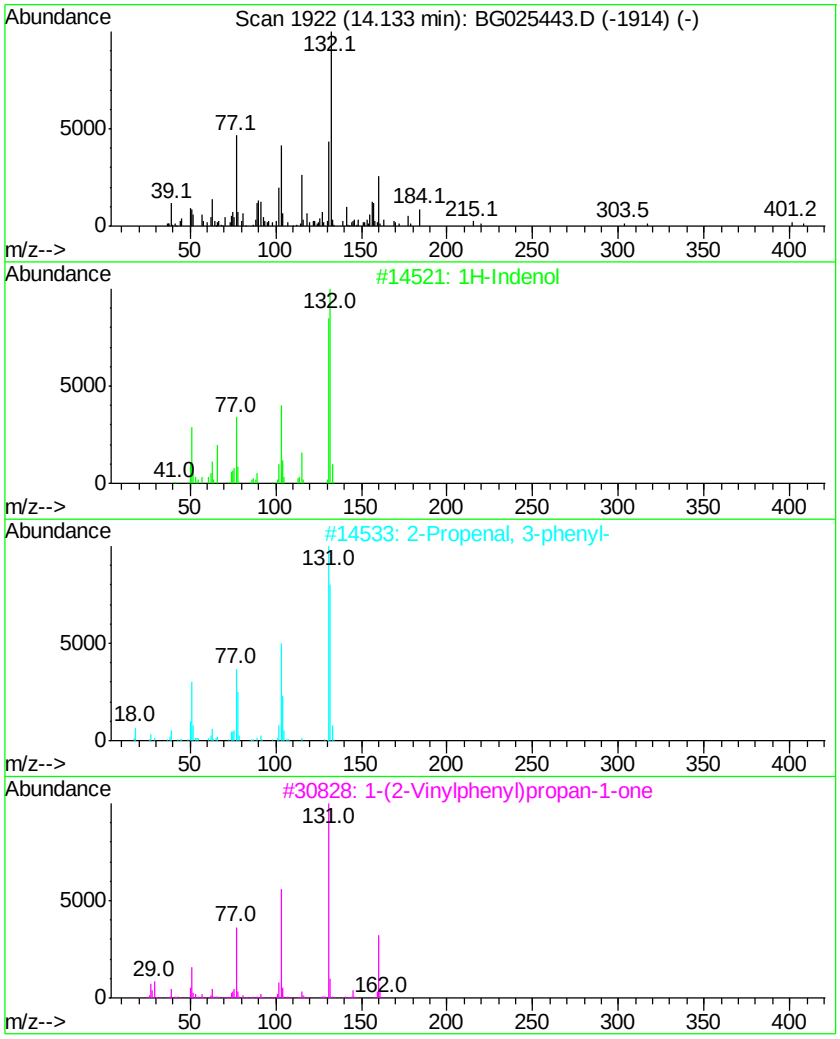
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

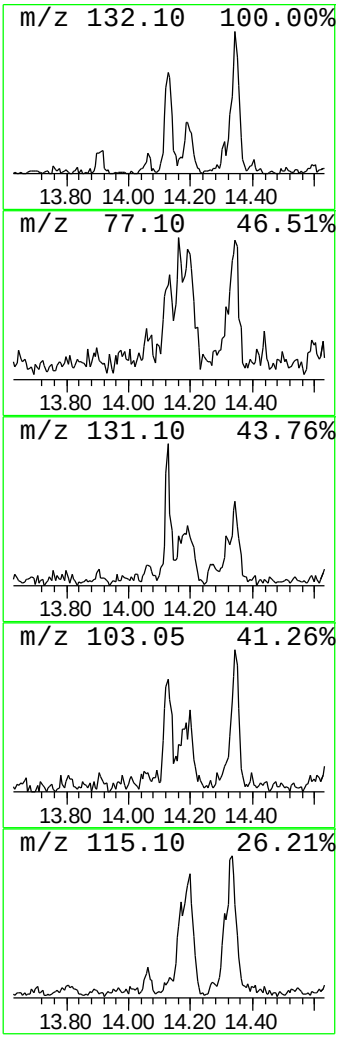
****

Peak Number 7 1H-Indenol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	3.34 ng	169837	Acenaphthene-d10	14.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indenol	132	C9H8O	056631-57-3	74
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	72
3	1-(2-Vinylphenyl)propan-1-one	160	C11H12O	052095-41-7	62
4	1-Penten-3-one, 1-phenyl-	160	C11H12O	003152-68-9	58
5	1,3-Bis(cinnamoyloxymethyl)adama...	456	C30H32O4	303797-58-2	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

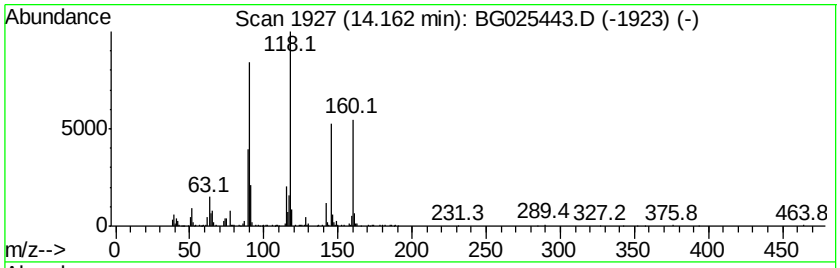
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

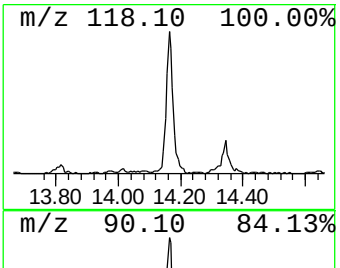
****

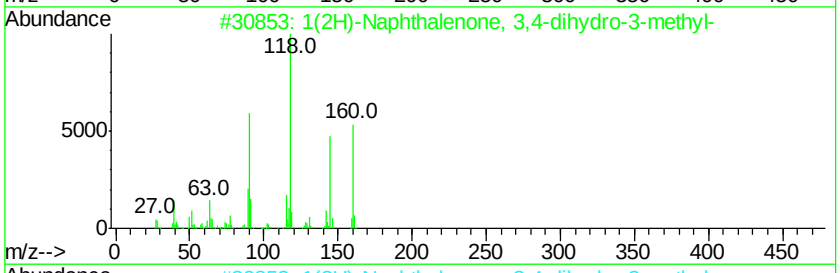
Peak Number 8 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 6

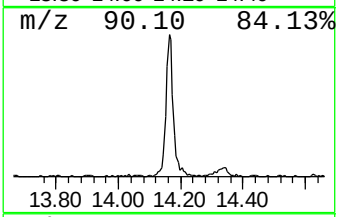
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	13.56 ng	689647	Acenaphthene-d10	14.83

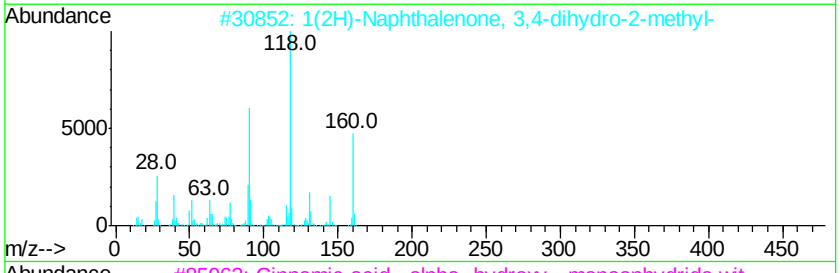
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	96
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	90
3	Cinnamic acid, .alpha.-hydroxy-,...	230	C13H15BO3	024375-02-8	59
4	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	59
5	1H-2-Benzothiopyran-4(3H)-one	164	C9H8OS	004426-76-0	59

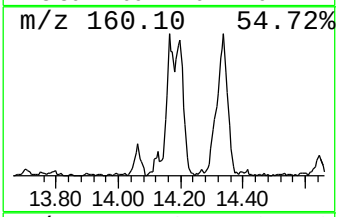


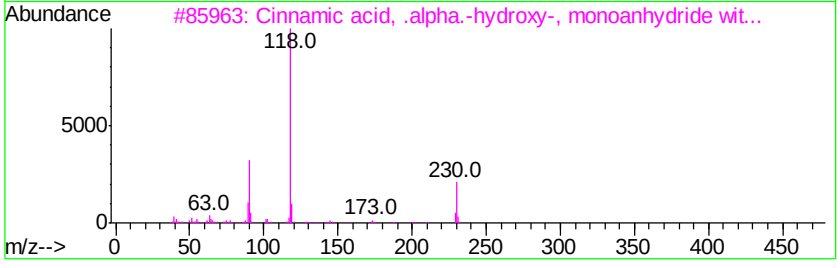


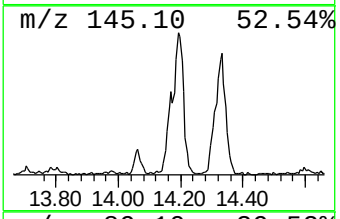


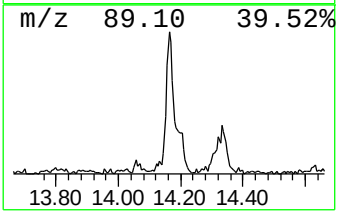












Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

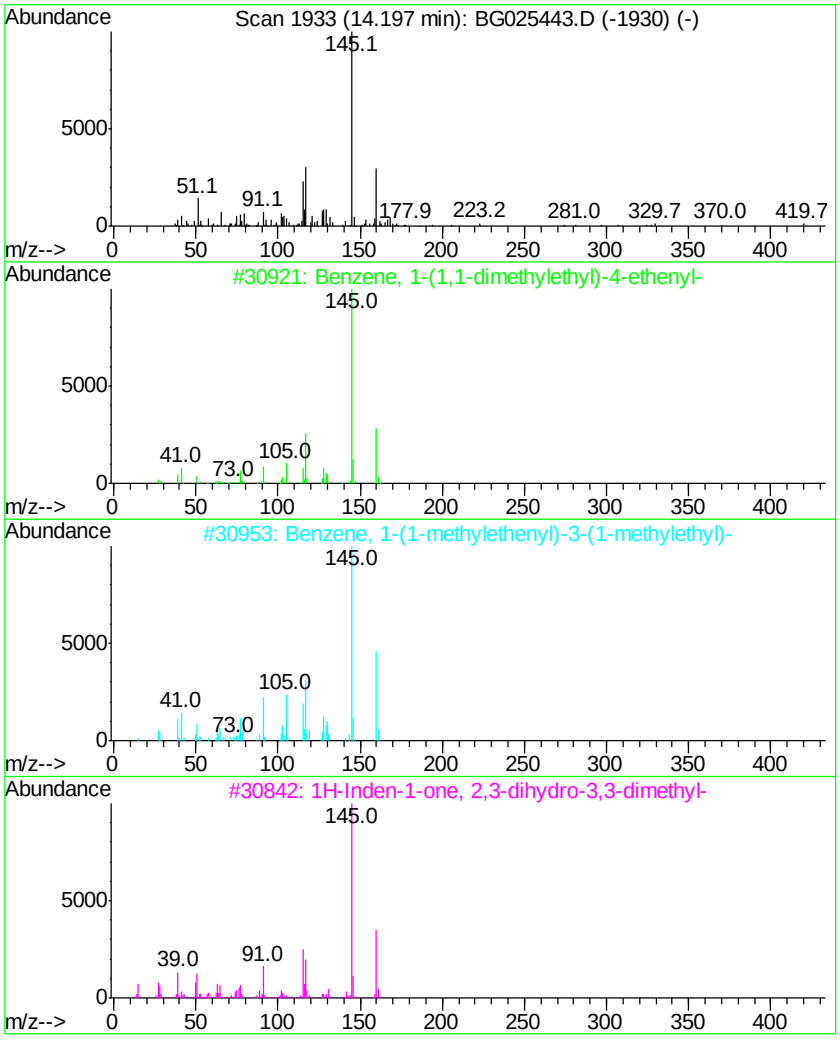
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

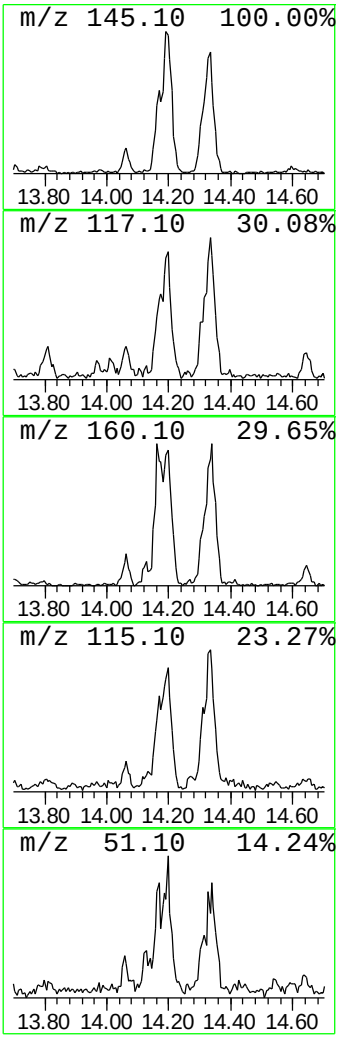
****

Peak Number 9 Benzene, 1-(1,1-dimethyleth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	11.66 ng	592982	Acenaphthene-d10	14.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	64
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
3	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	64
4	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

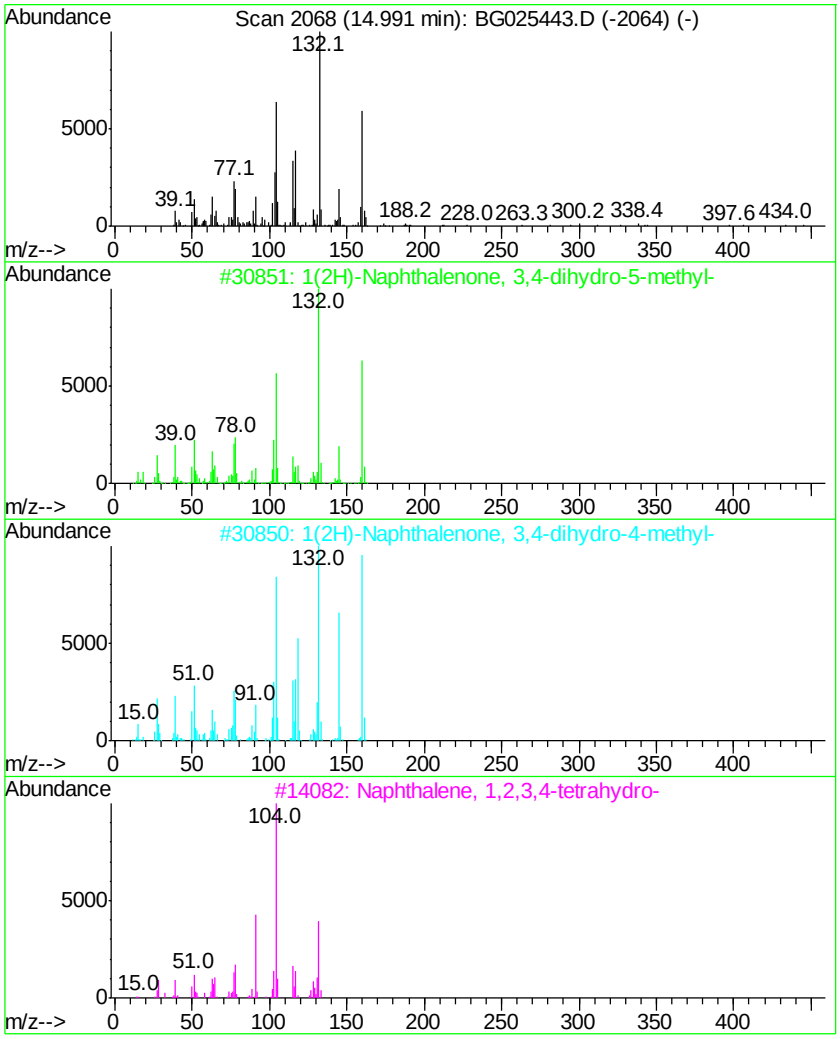
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

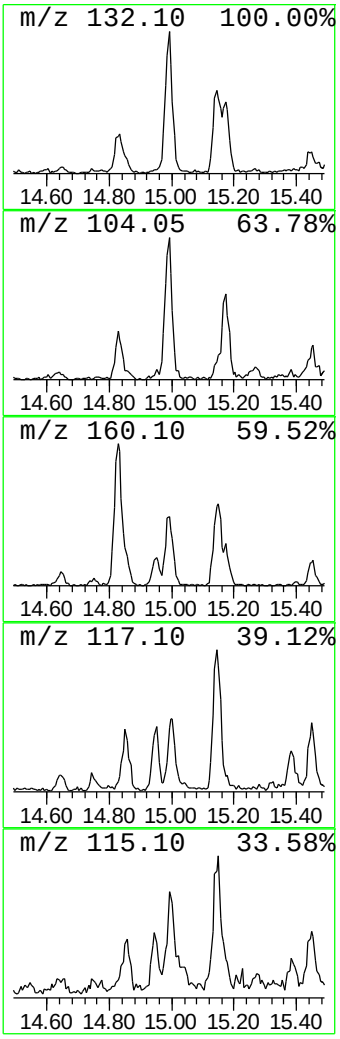
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	8.98 ng	456629	Acenaphthene-d10	14.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	006939-35-1	83
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	019832-98-5	74
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	46
4	Coumarin, 8-methyl-	160	C10H8O2	001807-36-9	46
5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	45





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

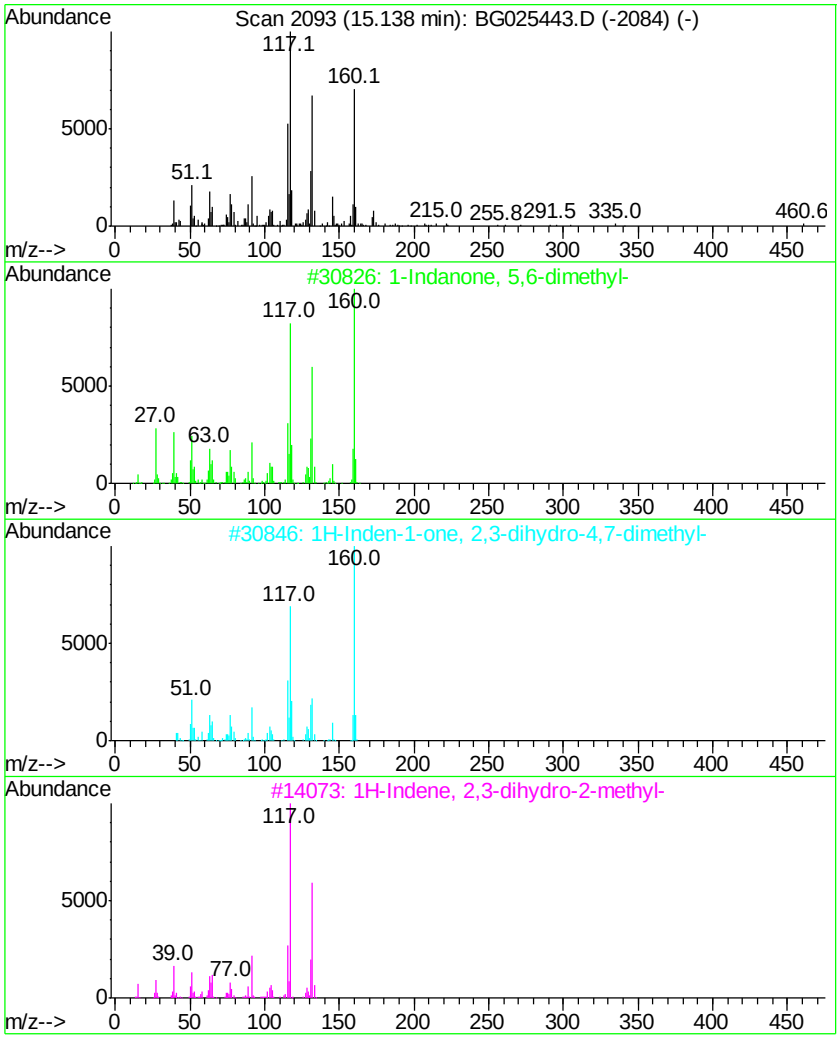
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

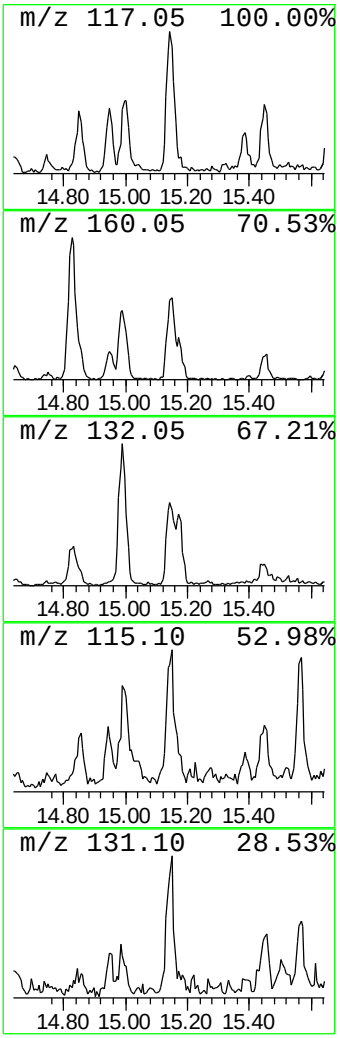
****

Peak Number 12 1-Indanone, 5,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	11.65 ng	592568	Acenaphthene-d10	14.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	95
2	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	91
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	89
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	78
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	60





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

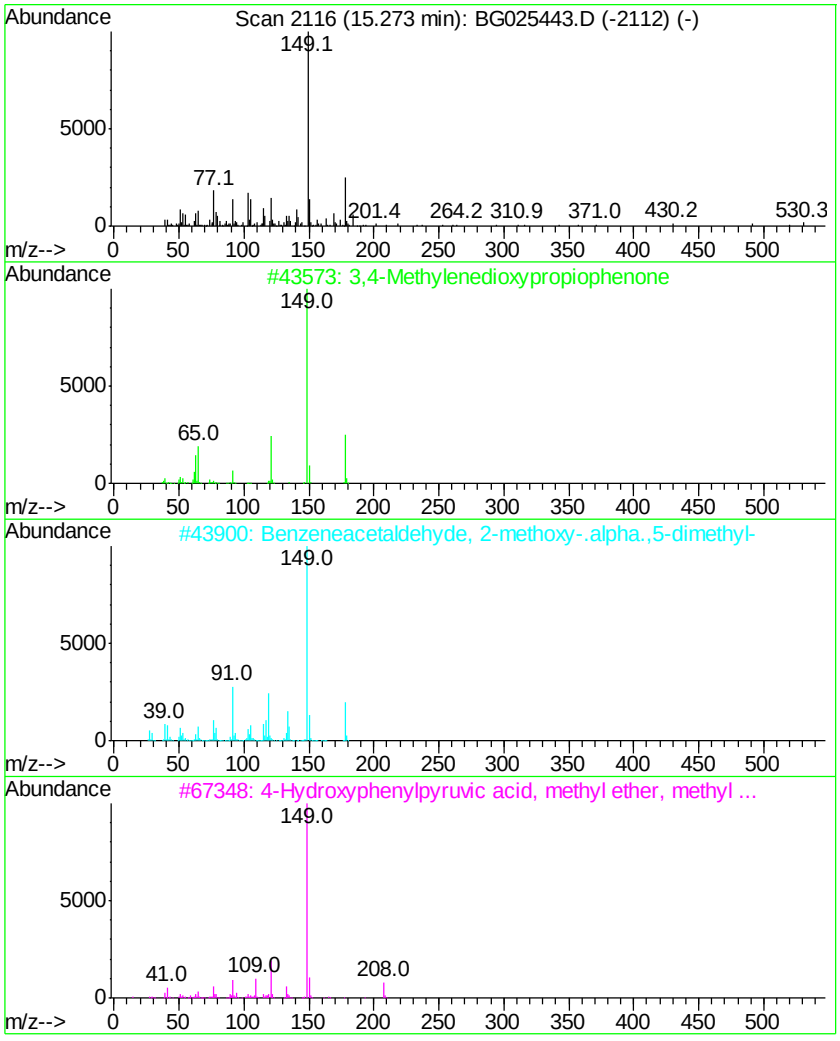
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

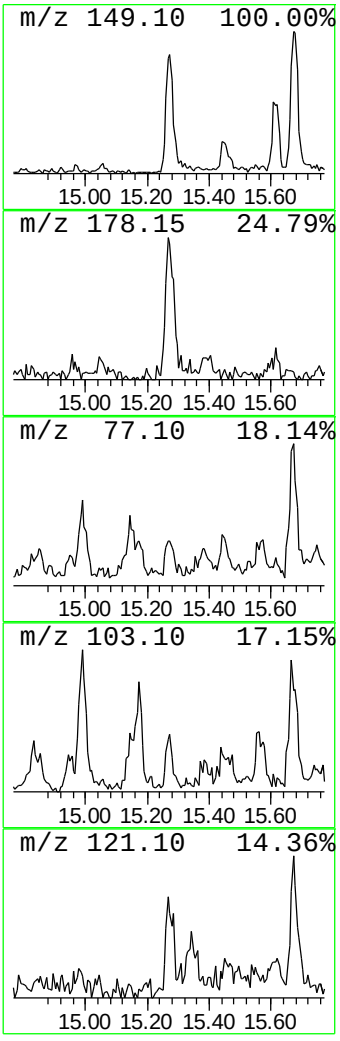
****

Peak Number 13 3,4-Methylenedioxypropiophe... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	3.46 ng	175997	Acenaphthene-d10	14.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Methylenedioxypropiophenone	178	C10H10O3	028281-49-4	64
2	Benzeneacetaldehyde, 2-methoxy-....	178	C11H14O2	053155-90-1	64
3	4-Hydroxyphenylpyruvic acid, met...	208	C11H12O4	1000332-83-9	53
4	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	52
5	6-Methylthieno[2,3-b]pyridine	149	C8H7NS	001759-30-4	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

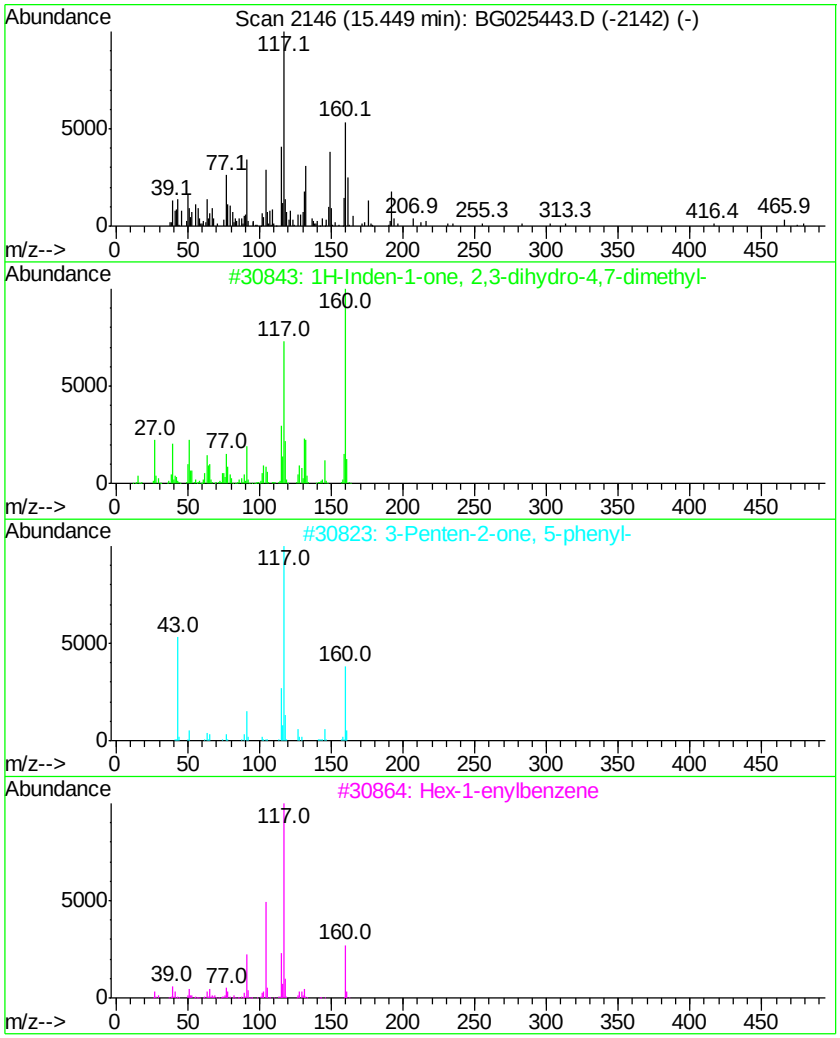
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

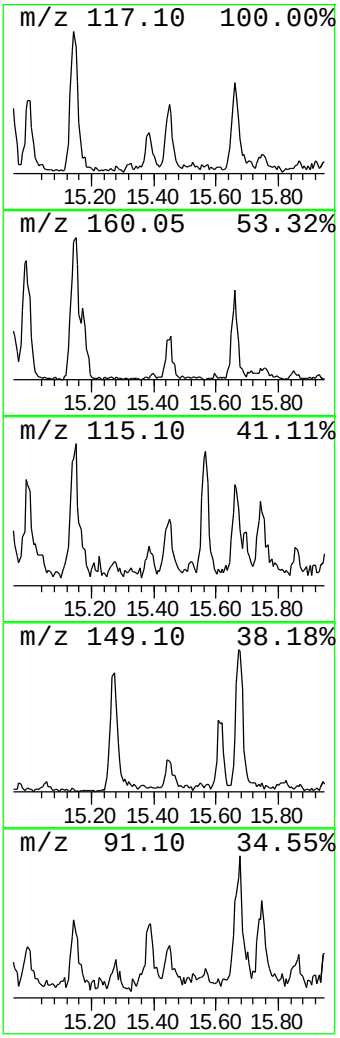
****

Peak Number 14 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	6.23 ng	317095	Acenaphthene-d10	14.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	58
2	3-Penten-2-one, 5-phenyl-	160	C11H12O	010521-97-8	46
3	Hex-1-enylbenzene	160	C12H16	000828-15-9	46
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	43
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

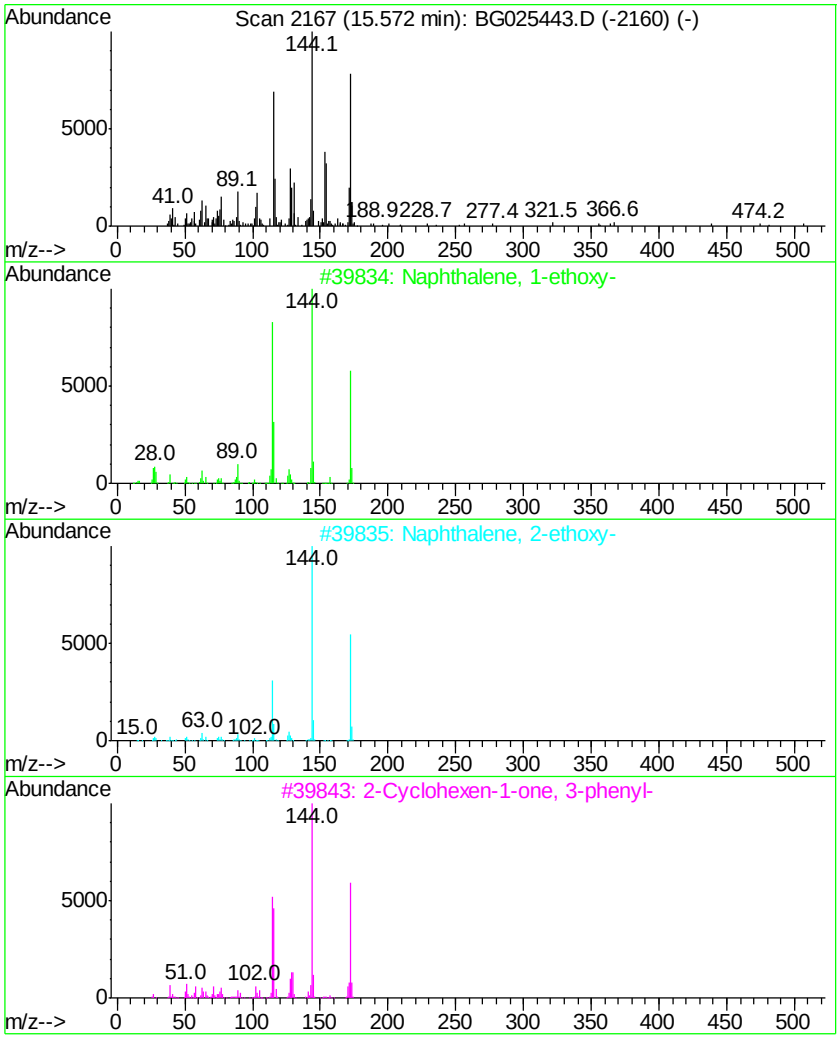
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

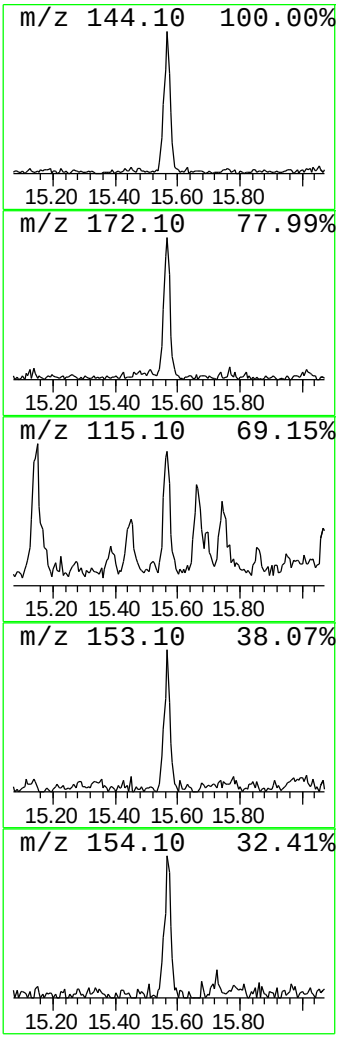
****

Peak Number 15 Naphthalene, 1-ethoxy- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	5.68 ng	289015	Acenaphthene-d10	14.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethoxy-	172	C12H12O	005328-01-8	64
2	Naphthalene, 2-ethoxy-	172	C12H12O	000093-18-5	62
3	2-Cyclohexen-1-one, 3-phenyl-	172	C12H12O	010345-87-6	58
4	1H-Pyrazole-3-carboxaldehyde, 5-...	172	C10H8N2O	057204-65-6	50
5	Pyrazine, 2-hydroxy-5-phenyl-	172	C10H8N2O	025844-72-8	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

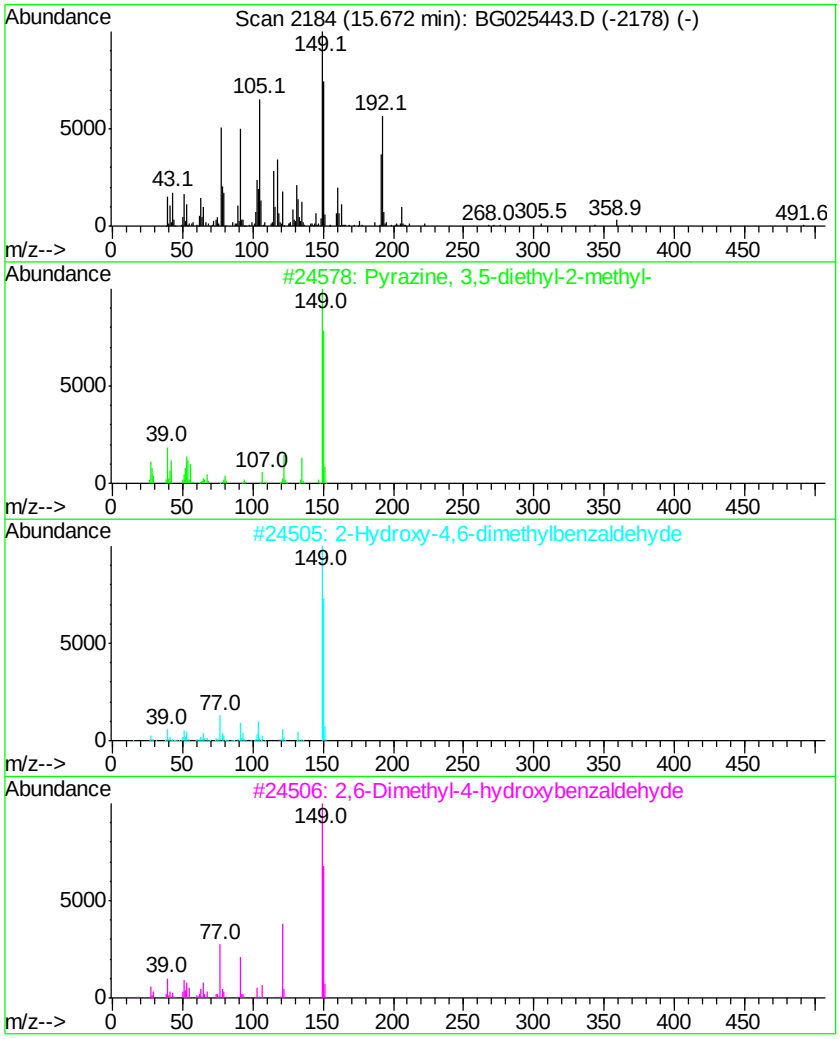
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

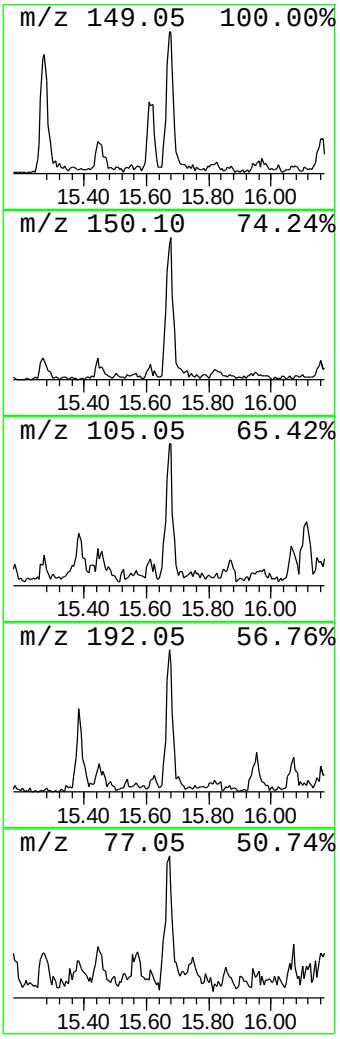
****

Peak Number 16 unknown15.67 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	14.40 ng	732276	Acenaphthene-d10	14.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazine, 3,5-diethyl-2-methyl-	150	C9H14N2	018138-05-1	38
2	2-Hydroxy-4,6-dimethylbenzaldehyde	150	C9H10O2	001666-02-0	38
3	2,6-Dimethyl-4-hydroxybenzaldehyde	150	C9H10O2	070547-87-4	38
4	3-Methyl-p-anisaldehyde	150	C9H10O2	032723-67-4	35
5	Formic acid, (2-methyl-3-nitroph...	195	C9H9NO4	1000367-94-8	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

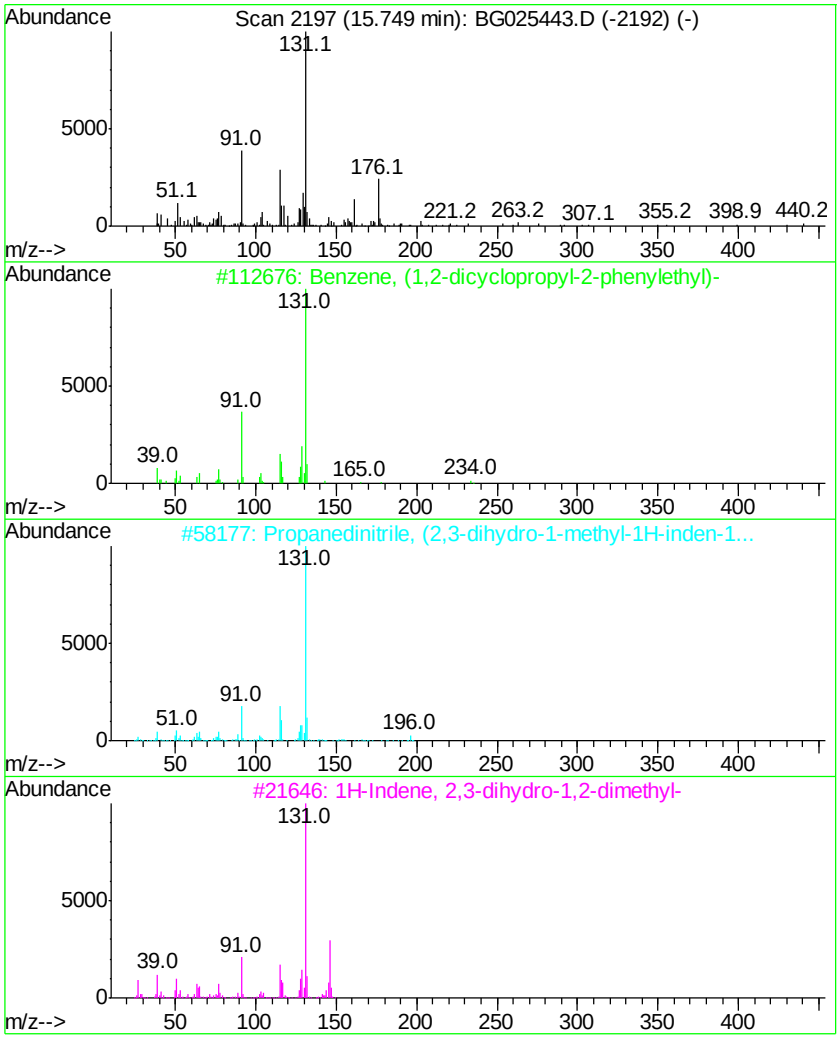
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

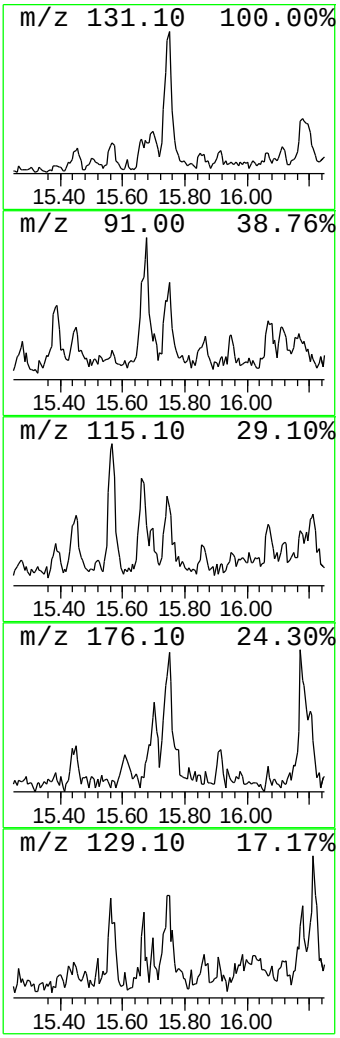
****

Peak Number 17 Benzene, (1,2-dicyclopropyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	6.99 ng	355269	Acenaphthene-d10	14.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	50
2	Propanedinitrile, (2,3-dihydro-1...	196	C13H12N2	069564-96-1	50
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50
4	3-Chlorotricyclo[5.2.1.0(4,8)]de...	166	C10H11Cl	074876-43-0	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	244	C18H28	029138-91-8	42





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

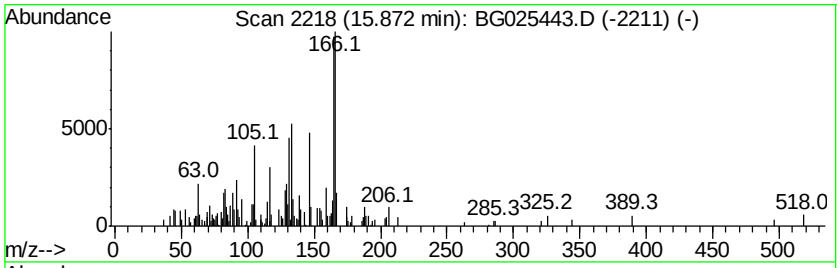
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

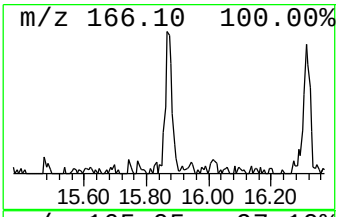
****

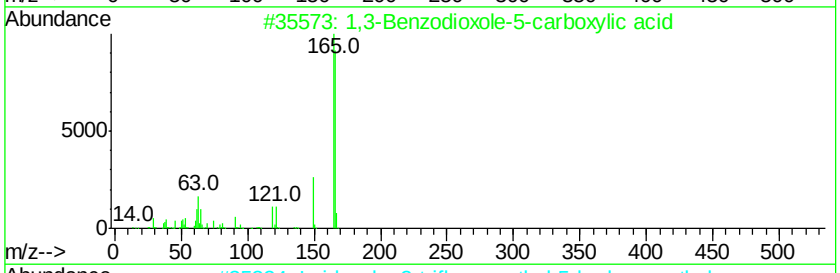
Peak Number 18 unknown15.87 Concentration Rank 19

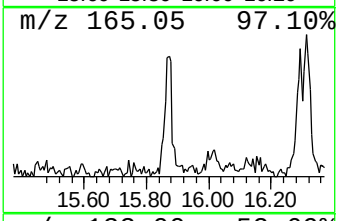
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	3.37 ng	171347	Acenaphthene-d10	14.83

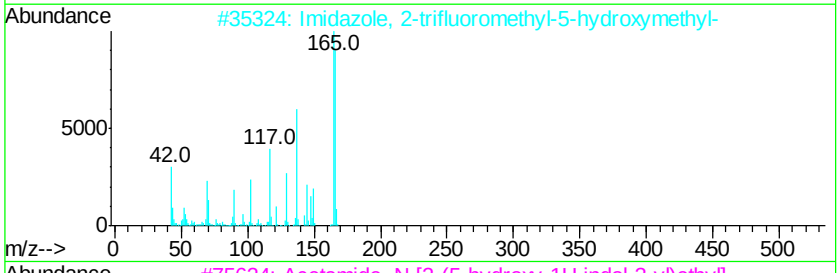
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	27
2	Imidazole, 2-trifluoromethyl-5-h...	166	C5H5F3N2O	080421-74-5	22
3	Acetamide, N-[2-(5-hydroxy-1H-in...	218	C12H14N2O2	001210-83-9	22
4	Fluorene	166	C13H10	000086-73-7	20
5	L-Alanine, N-[(9H-fluoren-9-ylme...	311	C18H17NO4	035661-39-3	14

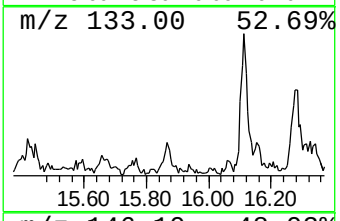


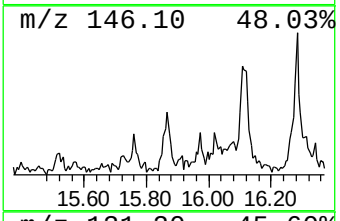


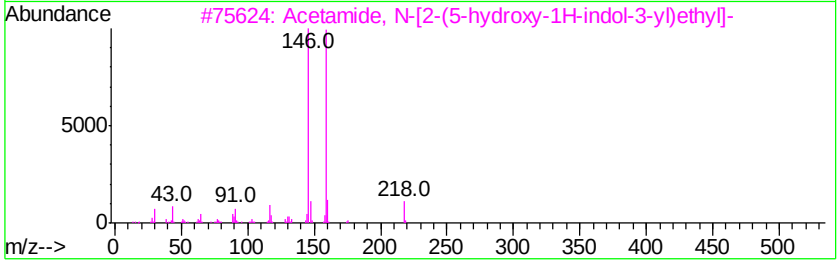


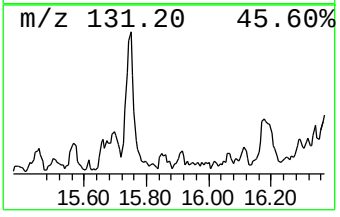












Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

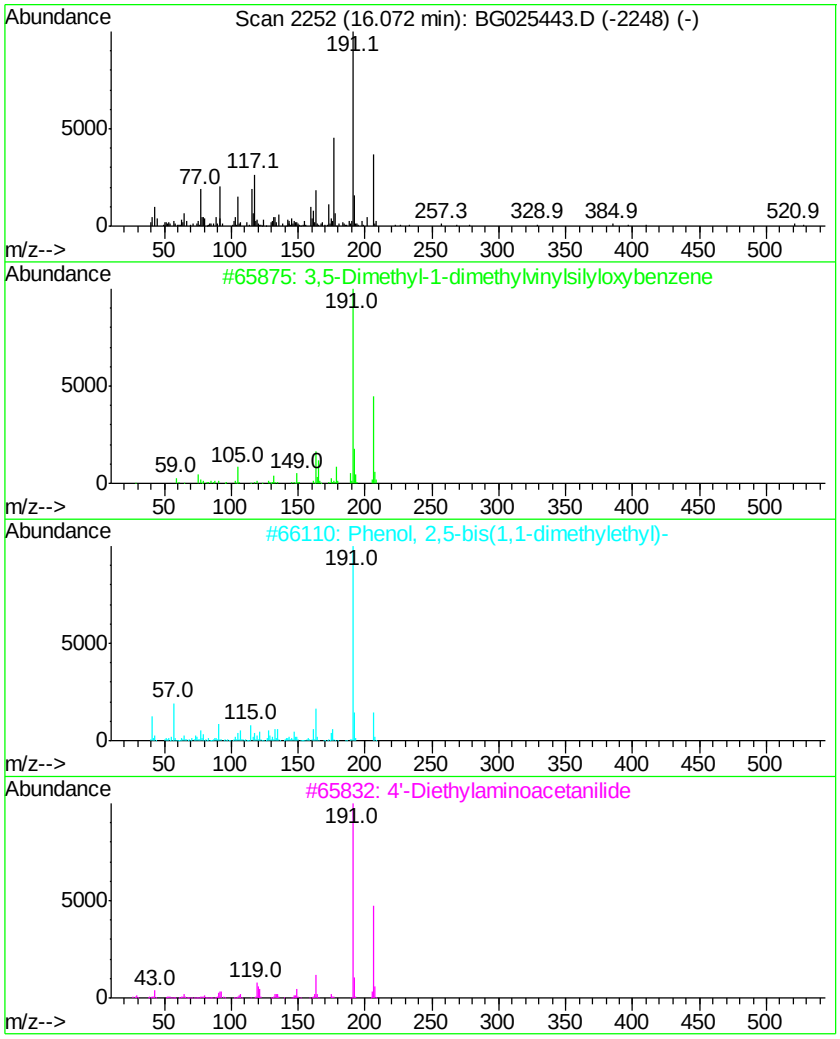
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

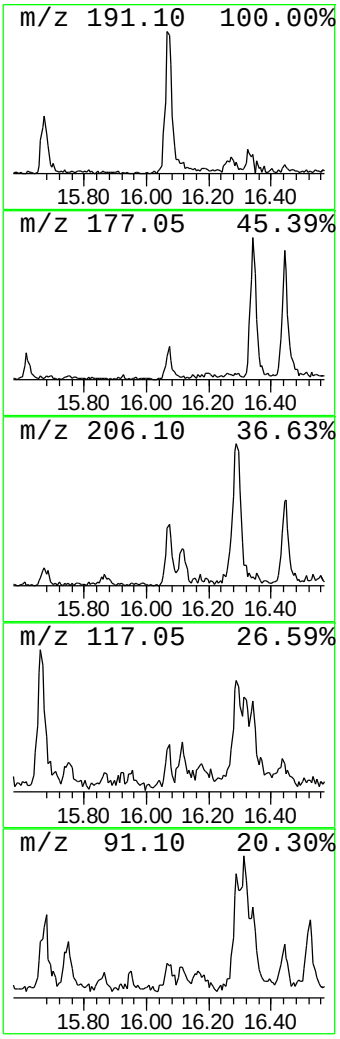
****

Peak Number 19 unknown16.07 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	3.82 ng	194403	Acenaphthene-d10	14.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-1-dimethylvinylsilyoxybenzene	206	C12H18OSi	1000307-91-8	49
2	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	47
3	4'-Diethylaminoacetanilide	206	C12H18N2O	005326-57-8	43
4	Pentanoic acid, 5-hydroxy-, 2,4-...	306	C19H30O3	166273-38-7	43
5	Phenanthrene, 9-ethyl-	206	C16H14	003674-75-7	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

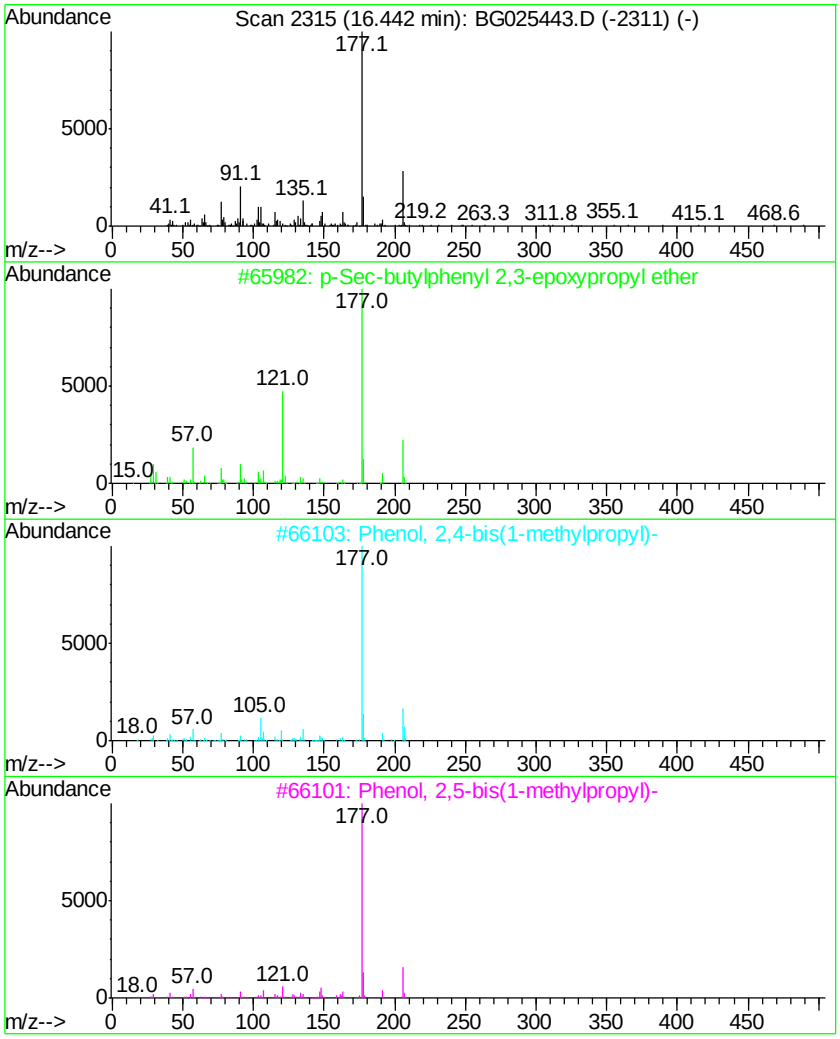
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

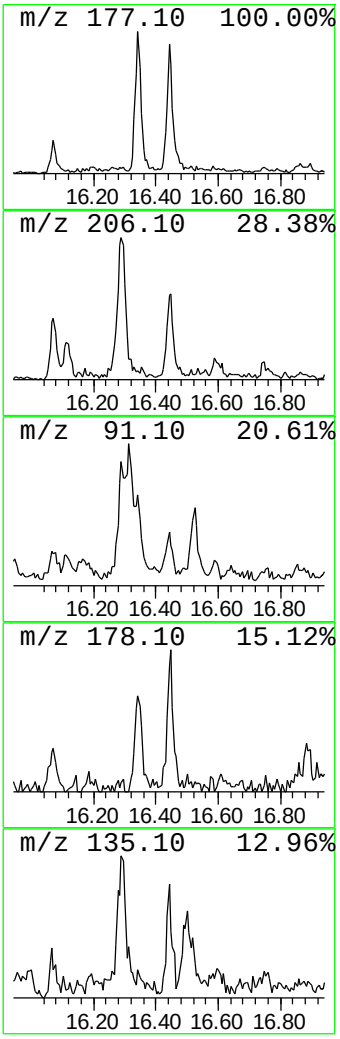
****

Peak Number 20 p-Sec-butylphenyl 2,3-epoxy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	4.97 ng	261612	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Sec-butylphenyl 2,3-epoxypropy...	206	C13H18O2	067557-76-0	72
2	Phenol, 2,4-bis(1-methylpropyl)-	206	C14H22O	001849-18-9	64
3	Phenol, 2,5-bis(1-methylpropyl)-	206	C14H22O	054932-77-3	59
4	Spiro[cyclopenta[d]-1,3,2-dioxab...	206	C12H19BO2	062238-26-0	59
5	Phenol, 2,6-bis(1-methylpropyl)-	206	C14H22O	005510-99-6	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010917\
Data File : BG025443.D
Acq On : 9 Jan 2017 23:25
Operator : UM/SJ
Sample : I1055-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.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
2-Pentanone, 4-hy...	5.26	14.6	ng	282636	1	8.20	386495	20.0
unknown7.73	7.73	93.0	ng	1797290	1	8.20	386495	20.0
Benzene, (2-methy...	11.59	3.5	ng	108562	2	11.03	611551	20.0
Ethanone, 1-(2,3-...	12.56	3.4	ng	104863	2	11.03	611551	20.0
1H-Indenol	14.13	3.3	ng	169837	3	14.83	1017220	20.0
1(2H)-Naphthaleno...	14.16	13.6	ng	689647	3	14.83	1017220	20.0
Benzene, 1-(1,1-d...	14.20	11.7	ng	592982	3	14.83	1017220	20.0
1(2H)-Naphthaleno...	14.99	9.0	ng	456629	3	14.83	1017220	20.0
1-Indanone, 5,6-d...	15.14	11.7	ng	592568	3	14.83	1017220	20.0
3,4-Methylenediox...	15.27	3.5	ng	175997	3	14.83	1017220	20.0
1H-Inden-1-one, 2...	15.45	6.2	ng	317095	3	14.83	1017220	20.0
Naphthalene, 1-et...	15.57	5.7	ng	289015	3	14.83	1017220	20.0
unknown15.67	15.67	14.4	ng	732276	3	14.83	1017220	20.0
Benzene, (1,2-dic...	15.75	7.0	ng	355269	3	14.83	1017220	20.0
unknown15.87	15.87	3.4	ng	171347	3	14.83	1017220	20.0
unknown16.07	16.07	3.8	ng	194403	3	14.83	1017220	20.0
p-Sec-butylphenyl...	16.44	5.0	ng	261612	4	17.57	1053490	20.0