LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

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-BG012918.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	3.370	8	14	22	rBV5	14990	30959	1.81%	0.297%
2	3.459	22	29	40	rVB	57469	97554	5.71%	0.935%
3	6.144	480	486	498	rBV	82690	166662	9.75%	1.598%
4	7.824	765	772	781	rBV2	51306	106774	6.25%	1.024%
5	8.218	831	839	852	rBV	203284	407957	23.88%	3.911%
6	8.711	916	923	932	rBV2	44695	91692	5.37%	0.879%
7	9.040	971	979	998	rBV	229461	467362	27.35%	4.481%
8	9.834	1109	1114	1120	rBV4	12004	23732	1.39%	0.228%
9	9.904	1120	1126	1142	rVV2	191736	441050	25.81%	4.229%
10	10.732	1263	1267	1275	rVB2	12558	22162	1.30%	0.212%
11	10.962	1298	1306	1312	rBV3	15126	32732	1.92%	0.314%
12	11.249	1347	1355	1361	rBV3	8125	17452	1.02%	0.167%
13	11.584	1406	1412	1422	rVV	68708	165553	9.69%	1.587%
14	11.678	1422	1428	1437	rVB	32495	58044	3.40%	0.556%
15	12.043	1484	1490	1497	rBV7	7288	17568	1.03%	0.168%
16	12.466	1558	1562	1569	rBV6	13812	28062	1.64%	0.269%
17	13.970	1811	1818	1829	rBV	629292	1083149	63.39%	10.385%
18	14.428	1888	1896	1901	rBV9	11708	32428	1.90%	0.311%
19	14.487	1901	1906	1908	rBV5	13180	18078	1.06%	0.173%
20	14.769	1949	1954	1959	rBV4	14937	34017	1.99%	0.326%
21	15.092	2002	2009	2021	rBV7	53726	204116	11.95%	1.957%
22	15.339	2042	2051	2057	rBV2	151653	282366	16.53%	2.707%
23	15.638	2098	2102	2105	rBV6	16292	23957	1.40%	0.230%
24	15.785	2122	2127	2130	rBV5	20603	39237	2.30%	0.376%
25	15.850	2130	2138	2144	rVV5	86213	214669	12.56%	2.058%
26	15.915	2144	2149	2162	rVB5	78859	232632	13.61%	2.230%
27	16.144	2182	2188	2193	rBV3	57980	118662	6.94%	1.138%
28	16.203	2193	2198	2202	rVV6	100053	228692	13.38%	2.193%
29	16.250	2202	2206	2215	rVB2	142432	345296	20.21%	3.311%
30	16.414	2230	2234	2239	rBV6	24399	38817	2.27%	0.372%
31	16.473	2239	2244	2253	rBV8	30443	83930	4.91%	0.805%
32	16.561	2255	2259	2261	rBV	84305	122040	7.14%	1.170%
33	16.708	2278	2284	2288	rBV	177888	328816	19.24%	3.153%
34	16.819	2296	2303	2316	rVB	676548	1395463	81.67%	13.379%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

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-BG012918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.949	2321	2325	2330	rVB	85847	121106	7.09%	1.161%
36	17.060	2340	2344	2346	rBV5	20261	27505	1.61%	0.264%
37	17.207	2363	2369	2371	rBV7	21753	46545	2.72%	0.446%
38	17.254	2373	2377	2384	rVB6	36957	76848	4.50%	0.737%
39	17.454	2404	2411	2412	rBV2	40073	58840	3.44%	0.564%
40	17.707	2449	2454	2460	rBV10	23308	54936	3.22%	0.527%
41	17.812	2470	2472	2477	rBV6	12925	22341	1.31%	0.214%
42	17.906	2486	2488	2494	rVB7	13946	20740	1.21%	0.199%
43	18.077	2511	2517	2529	rVB	173736	311263	18.22%	2.984%
44	18.835	2642	2646	2650	rBV7	10152	17776	1.04%	0.170%
45	18.899	2653	2657	2660	rBV5	43663	61373	3.59%	0.588%
46	19.240	2709	2715	2716	rBV6	15184	22718	1.33%	0.218%
47	20.139	2863	2868	2873	rVB8	26435	53115	3.11%	0.509%
48	20.615	2943	2949	2957	rBV	1235096	1708662	100.00%	16.382%
49	21.943	3169	3175	3187	rVB	21831	53292	3.12%	0.511%
50	22.401	3245	3253	3264	rVB	189493	379843	22.23%	3.642%
51	26.067	3866	3877	3891	rBV	123056	391693	22.92%	3.755%

Sum of corrected areas: 10430276

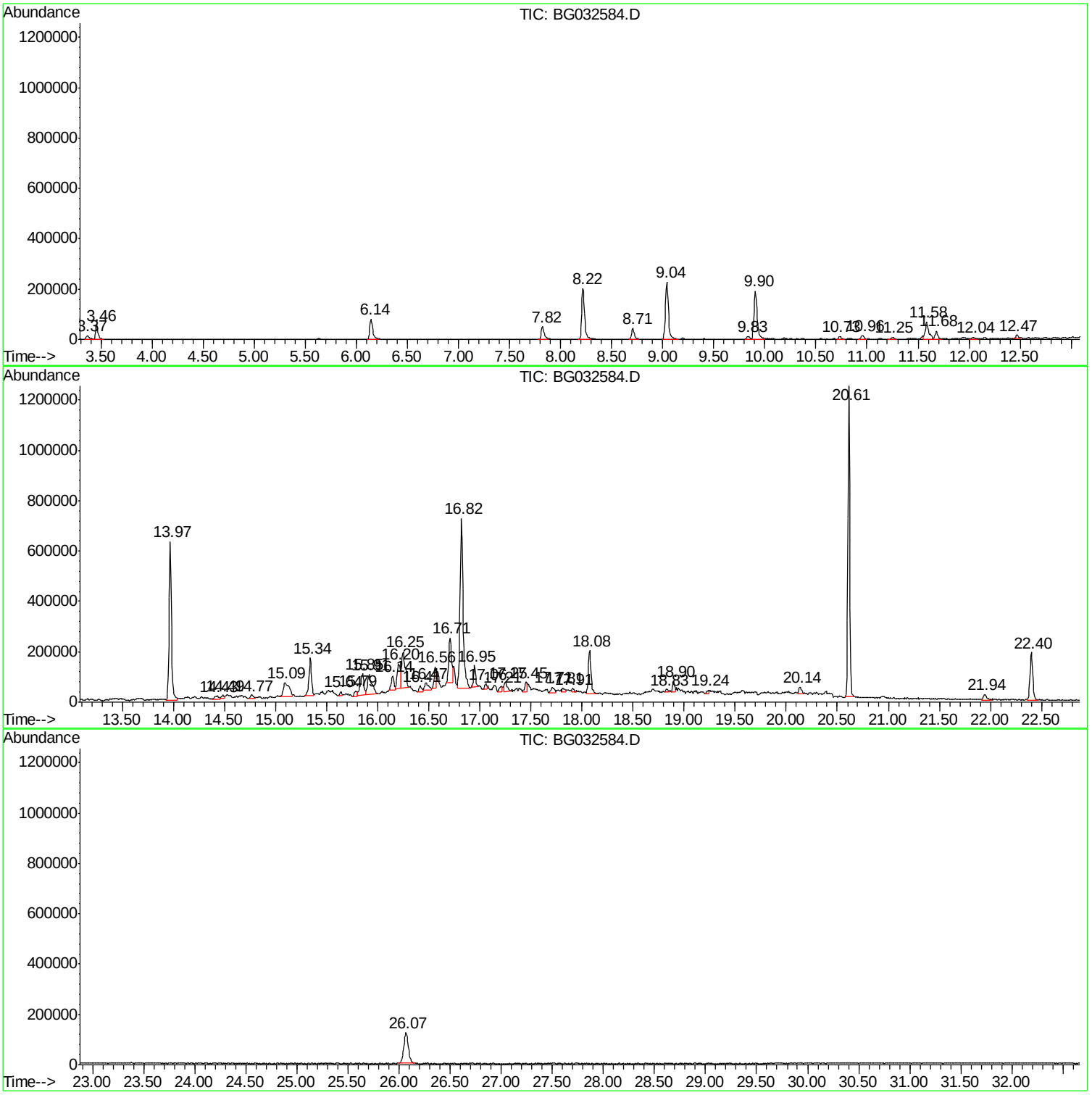
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LW-01-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

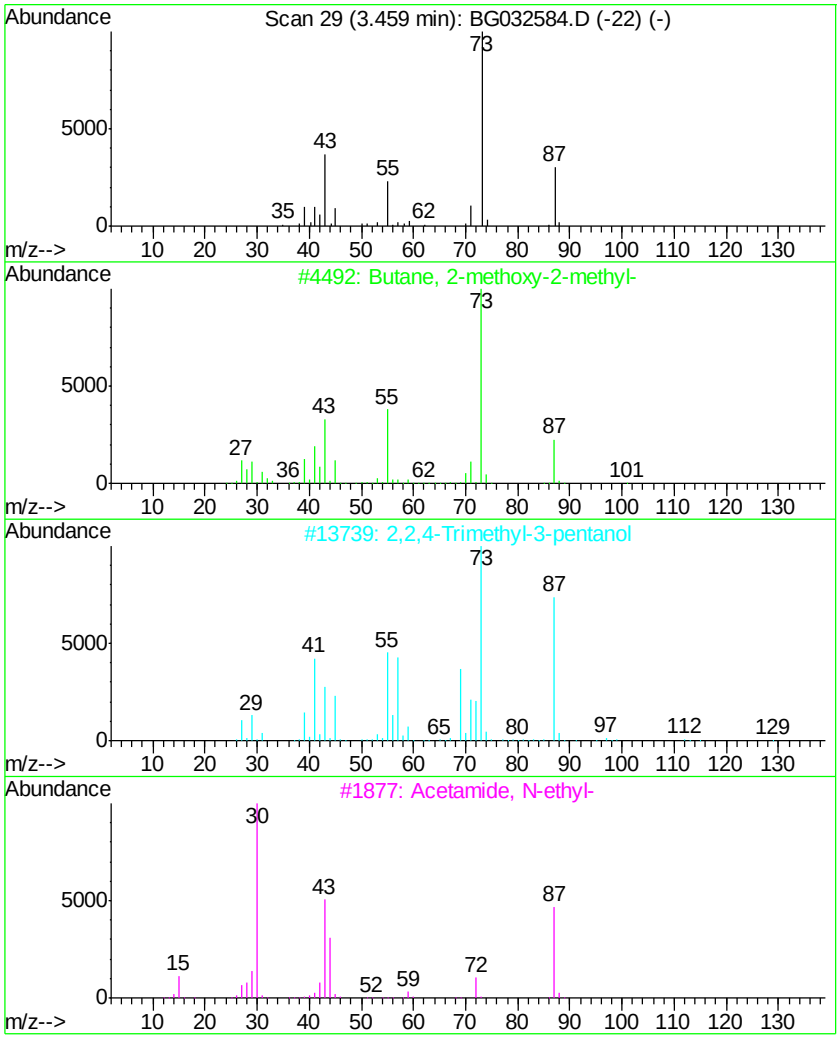
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

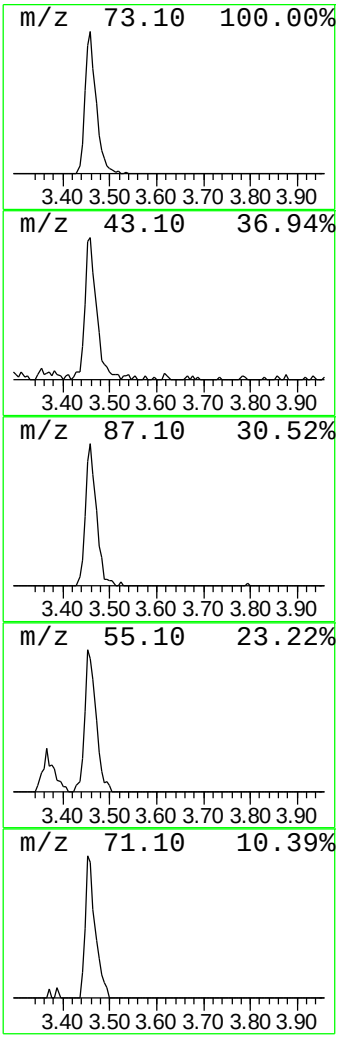
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.46	21.28 ng	97554	1,4-Dichlorobenzene-d4	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

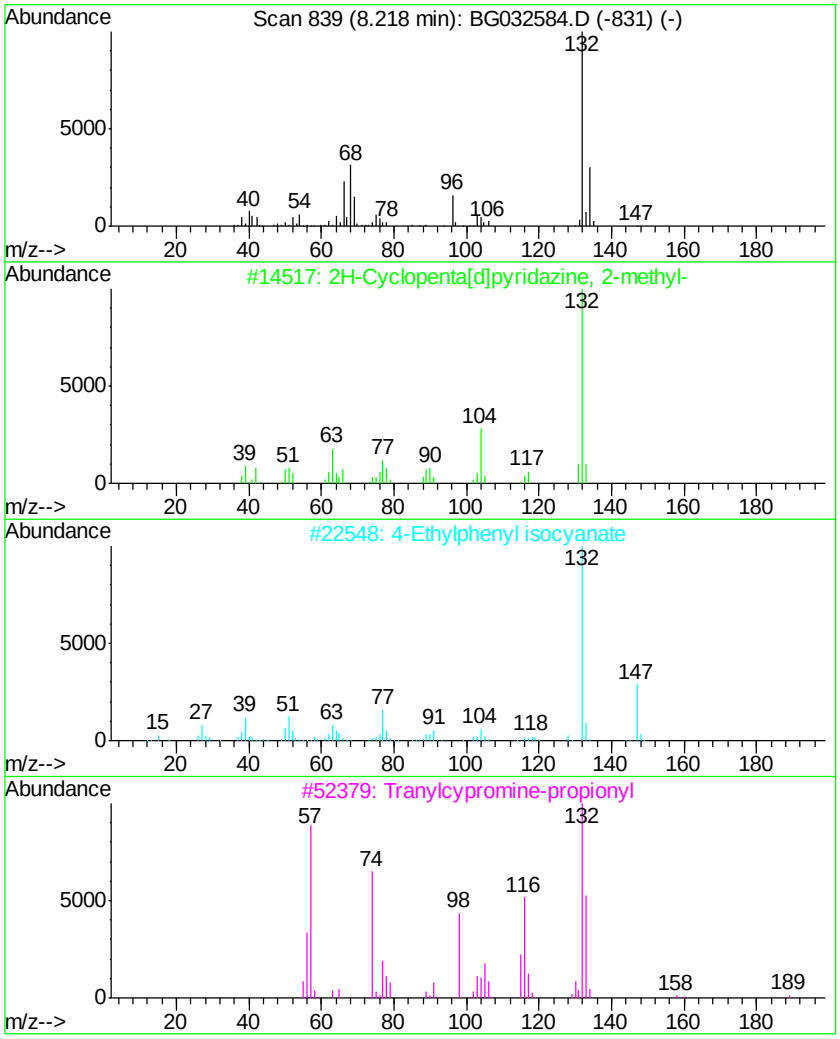
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

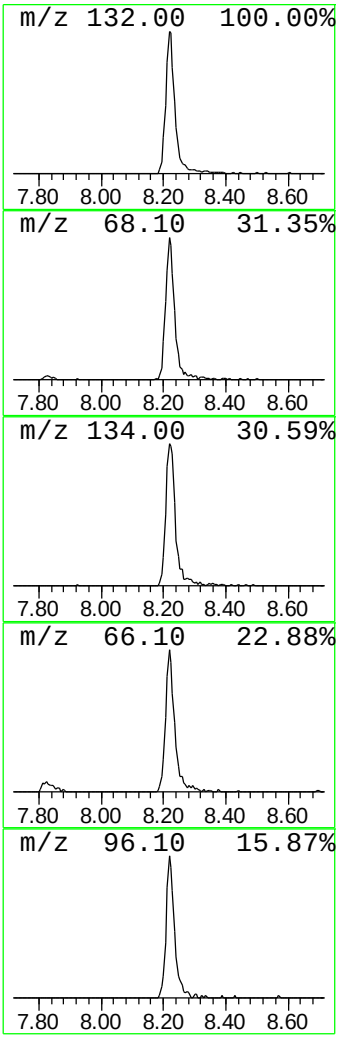
****

Peak Number 3 unknown8.22 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	88.98 ng	407957	1,4-Dichlorobenzene-d4	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	16
2	4-Ethylphenyl isocyanate	147	C9H9NO	023138-50-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

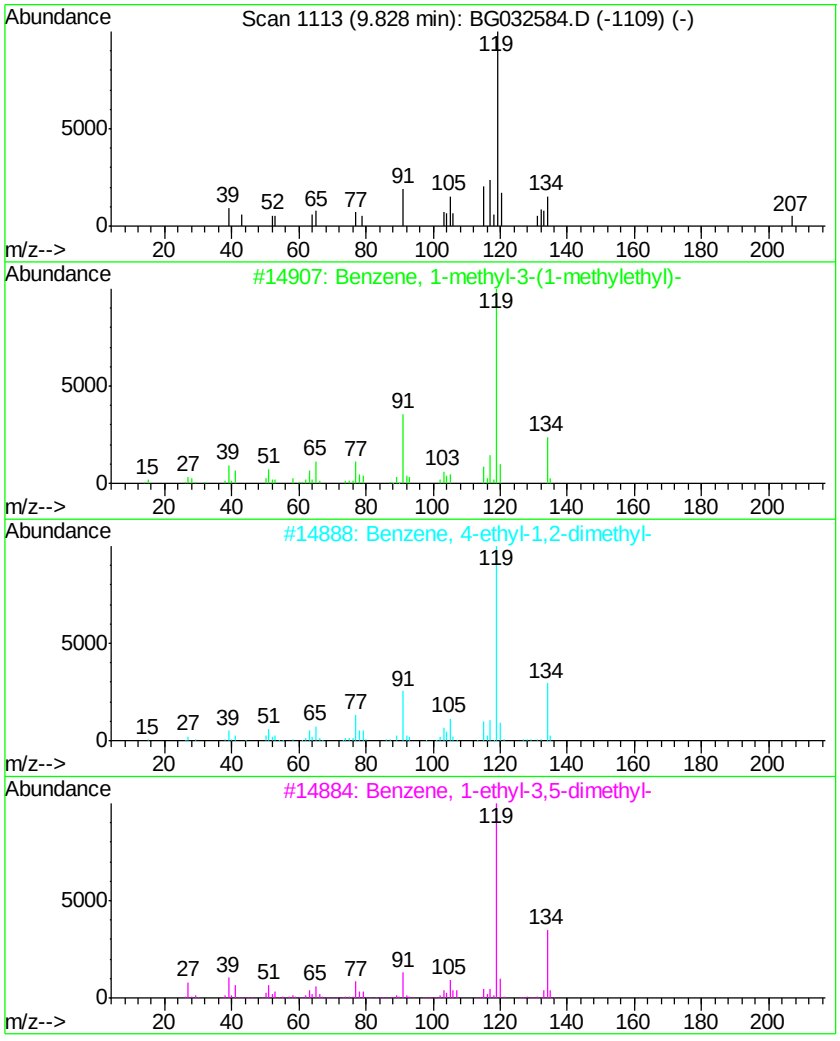
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

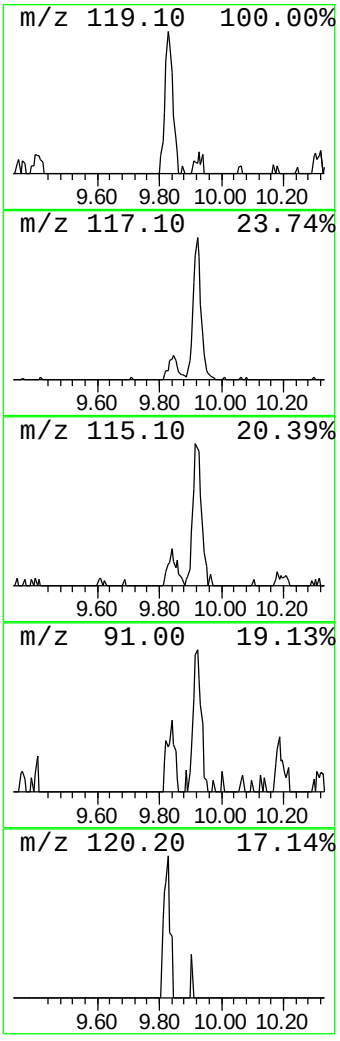
****

Peak Number 5 unknown9.83 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	5.18 ng	23732	1,4-Dichlorobenzene-d4	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	46
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46
4	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	46
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

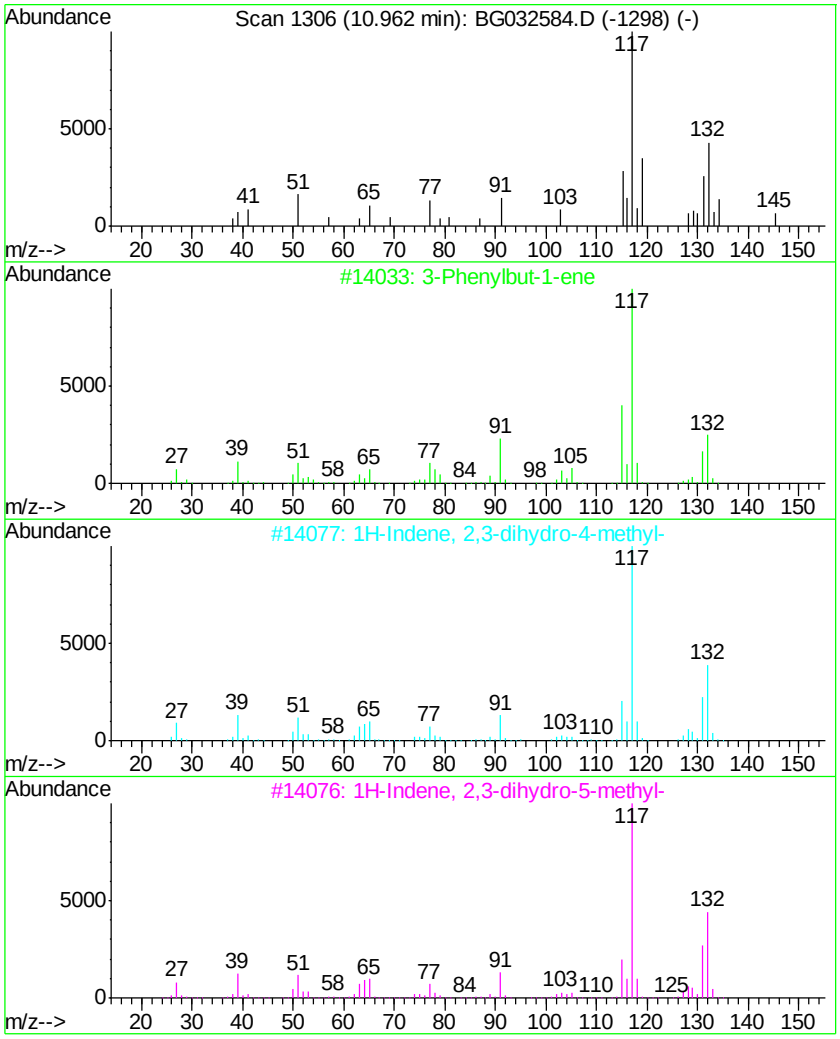
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

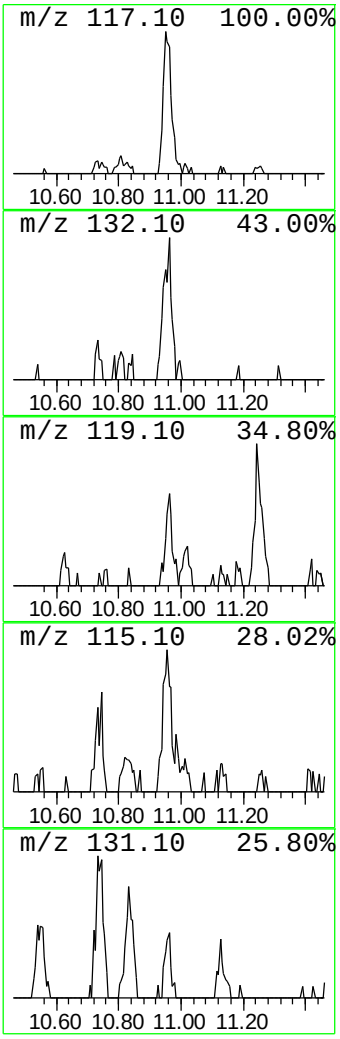
****

Peak Number 6 3-Phenylbut-1-ene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	3.95 ng	32732	Naphthalene-d8	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

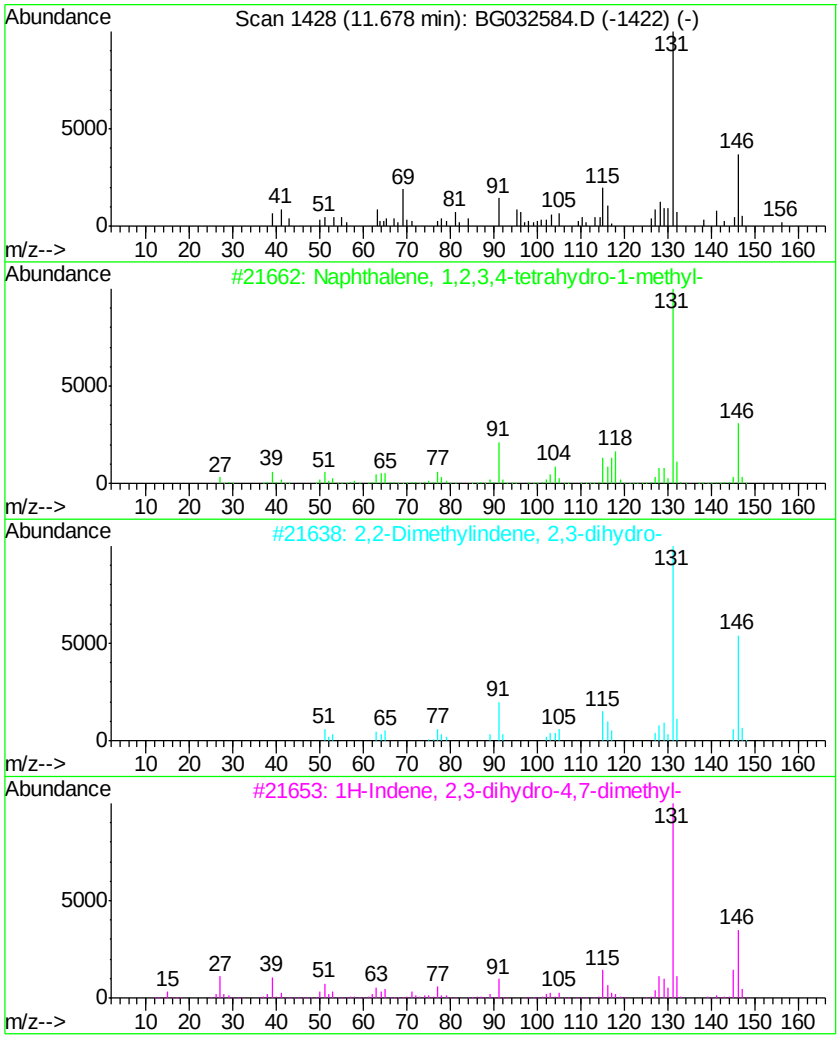
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

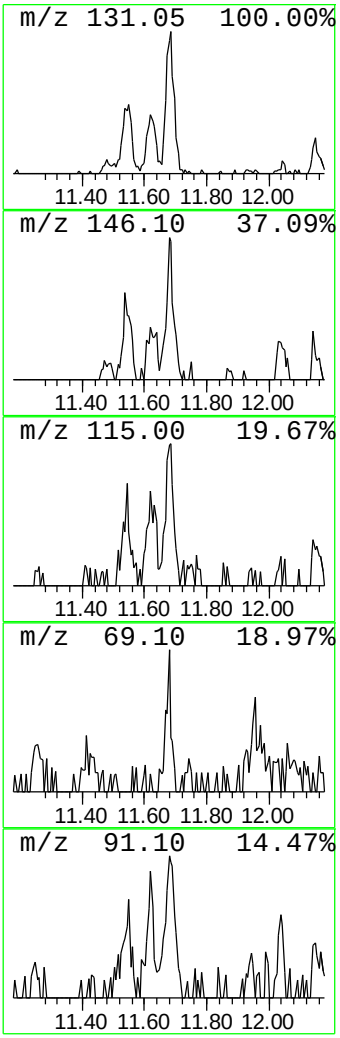
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	7.01 ng	58044	Naphthalene-d8	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

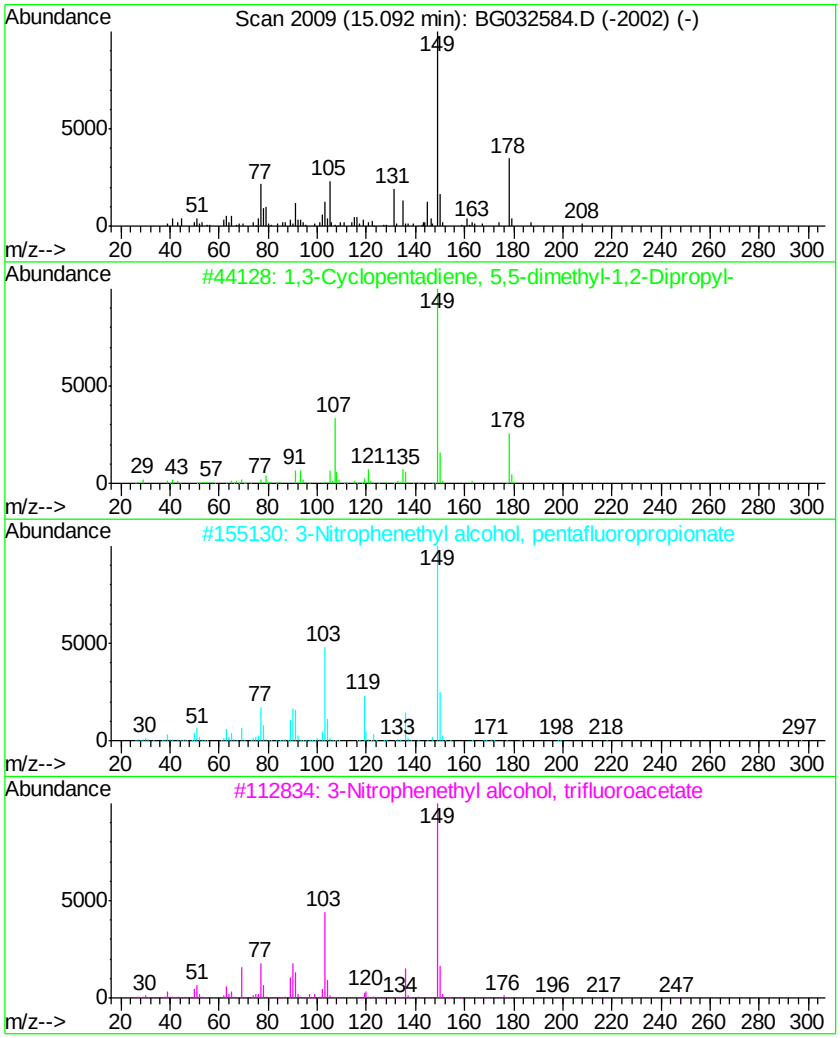
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

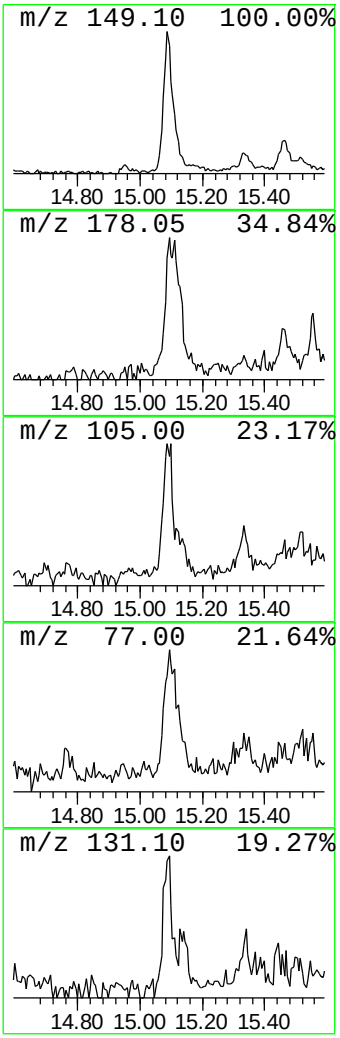
****

Peak Number 8 1,3-Cyclopentadiene, 5,5-di... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	14.46 ng	204116	Acenaphthene-d10	15.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	53
2	3-Nitrophenethyl alcohol, pentaf...	313	C11H8F5NO4	1000364-56-0	43
3	3-Nitrophenethyl alcohol, triflu...	263	C10H8F3NO4	1000364-58-8	43
4	Benzene, 1-ethenyl-3-nitro-	149	C8H7NO2	000586-39-0	43
5	Phthalic acid, 3-methylbenzyl et...	298	C18H18O4	1000371-10-9	42





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

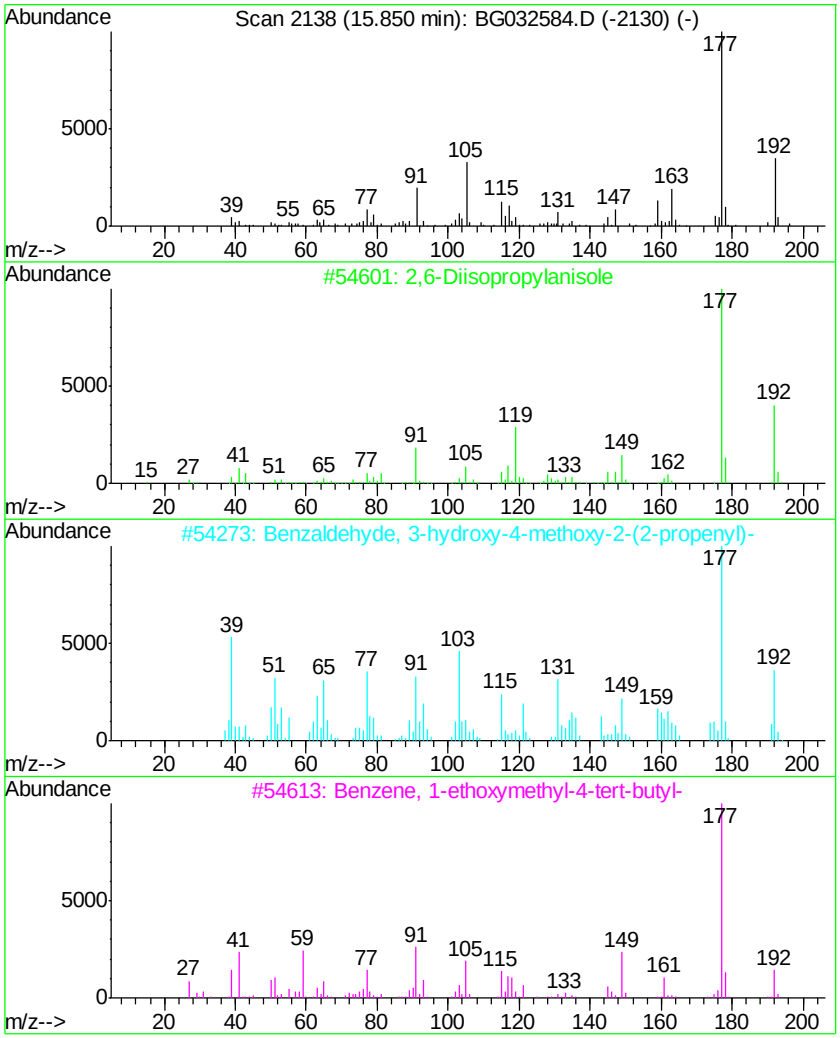
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

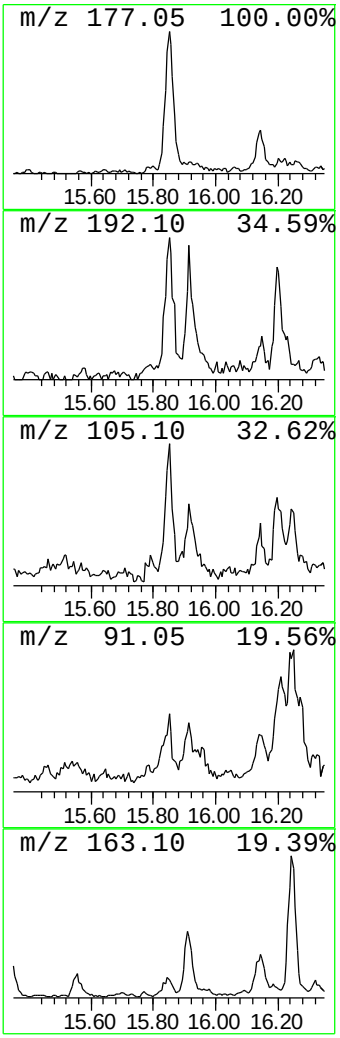
****

Peak Number 9 2,6-Diisopropylanisole Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	15.21 ng	214669	Acenaphthene-d10	15.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Diisopropylanisole	192	C13H20O	002944-52-7	58
2	Benzaldehyde, 3-hydroxy-4-methox...	192	C11H12O3	018075-41-7	50
3	Benzene, 1-ethoxymethyl-4-tert-b...	192	C13H20O	1000157-87-5	50
4	2-Buten-1-one, 1-(2,6,6-trimethy...	192	C13H20O	035044-68-9	50
5	6-Isopropyl-benzothiazol-2-ylamine	192	C10H12N2S	032895-14-0	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

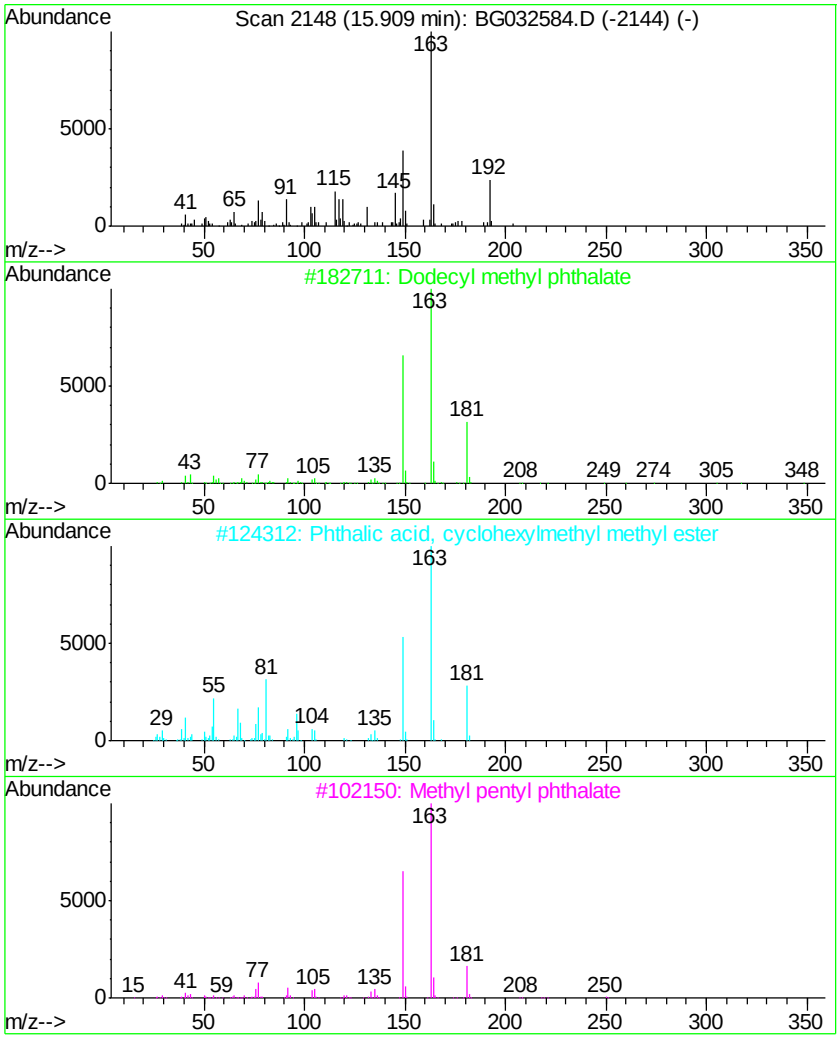
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

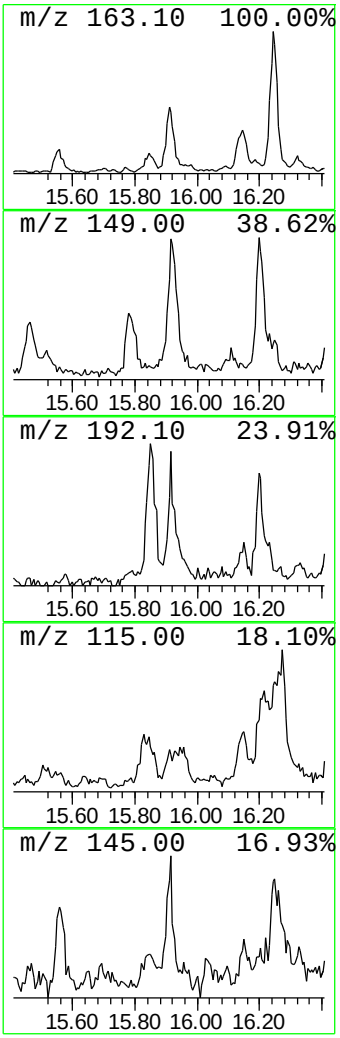
****

Peak Number 10 unknown15.91 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	16.48 ng	232632	Acenaphthene-d10	15.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecyl methyl phthalate	348	C21H32O4	1000373-82-0	43
2	Phthalic acid, cyclohexylmethyl ...	276	C16H20O4	1000309-05-8	43
3	Methyl pentyl phthalate	250	C14H18O4	1000373-89-5	43
4	Methyl tridecyl phthalate	362	C22H34O4	256481-40-0	43
5	2-Ethylbutyl methyl phthalate	264	C15H20O4	1000373-89-6	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

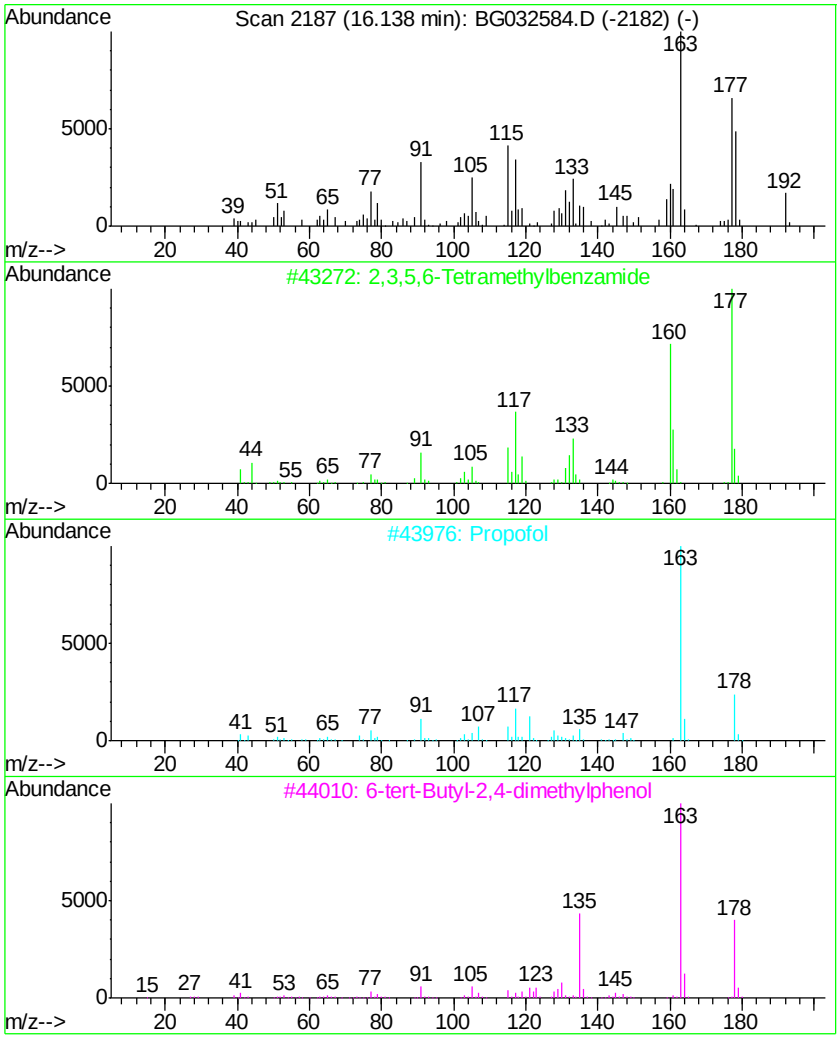
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

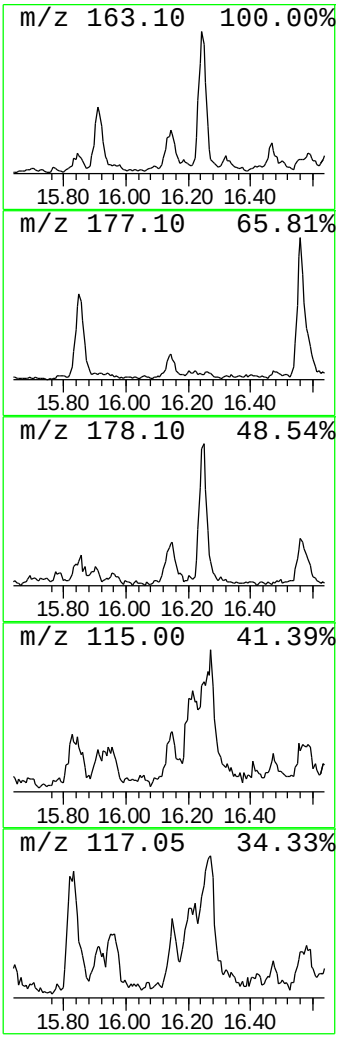
****

Peak Number 11 unknown16.14 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	8.40 ng	118662	Acenaphthene-d10	15.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,5,6-Tetramethylbenzamide	177	C11H15NO	099858-56-7	42
2	Propofol	178	C12H18O	002078-54-8	35
3	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	30
4	Benzonitrile, 2-amino-5-nitro-	163	C7H5N3O2	017420-30-3	30
5	1H-Benzimidazole, 5-nitro-	163	C7H5N3O2	000094-52-0	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

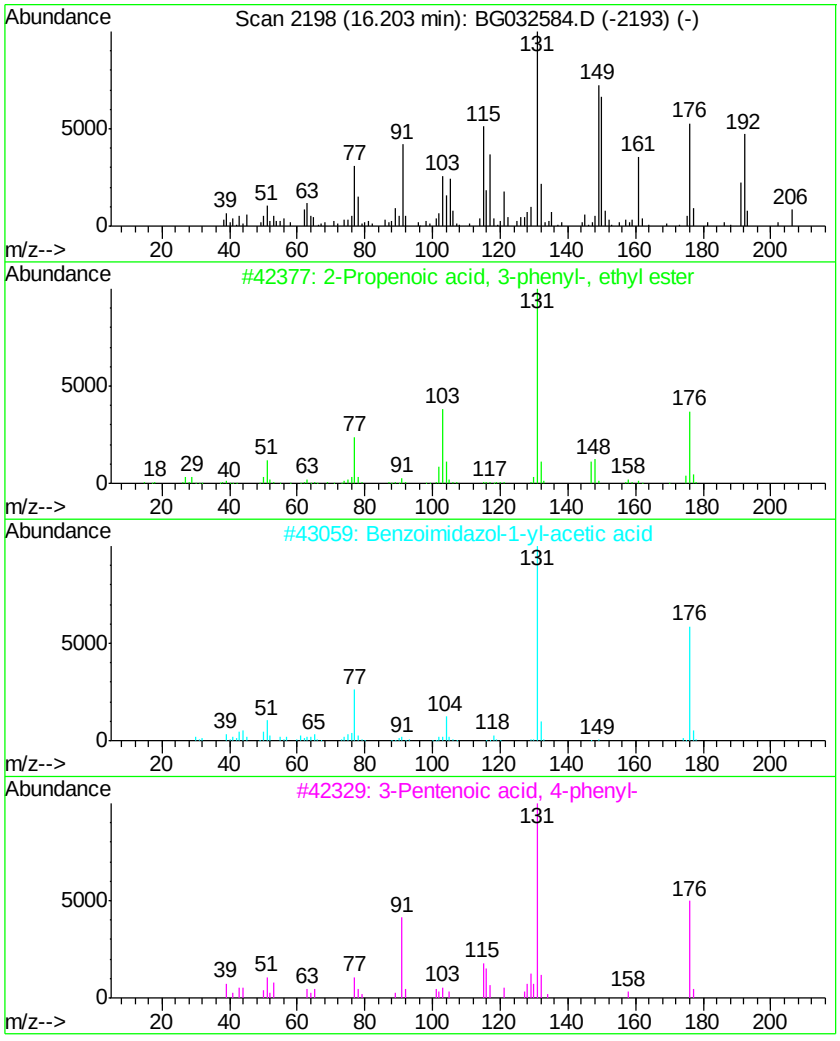
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

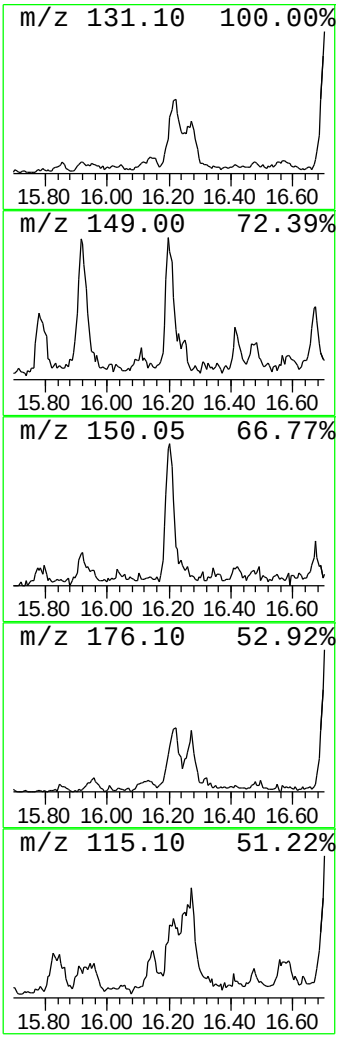
****

Peak Number 12 unknown16.20 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	16.20 ng	228692	Acenaphthene-d10	15.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	000103-36-6	30
2	Benzoimidazol-1-yl-acetic acid	176	C9H8N2O2	1000317-79-2	30
3	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	30
4	(Indazol-1-yl)acetic acid	176	C9H8N2O2	1000315-94-2	25
5	3-Methyl-p-anisaldehyde	150	C9H10O2	032723-67-4	15





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

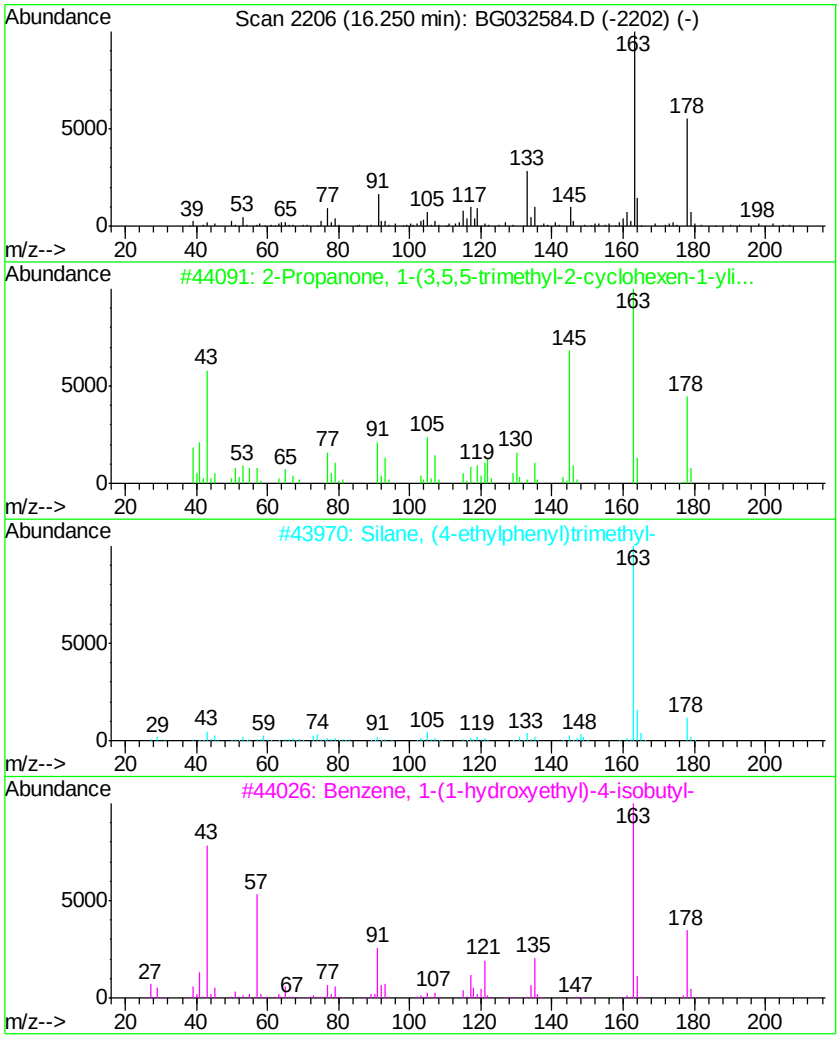
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

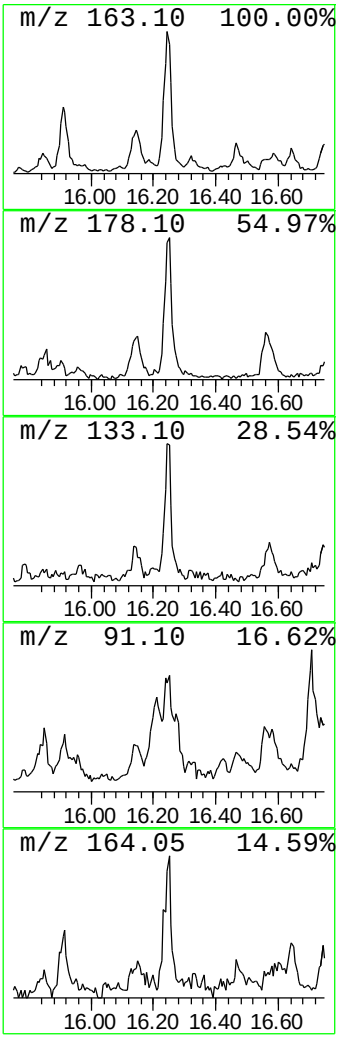
****

Peak Number 13 2-Propanone, 1-(3,5,5-trime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	24.46 ng	345296	Acenaphthene-d10	15.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1-(3,5,5-trimethyl-...	178	C12H18O	016695-73-1	72
2	Silane, (4-ethylphenyl)trimethyl-	178	C11H18Si	017988-50-0	72
3	Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	59
4	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	59
5	1,4-Benzenediamine, N4-,N4-dieth...	178	C11H18N2	000148-71-0	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

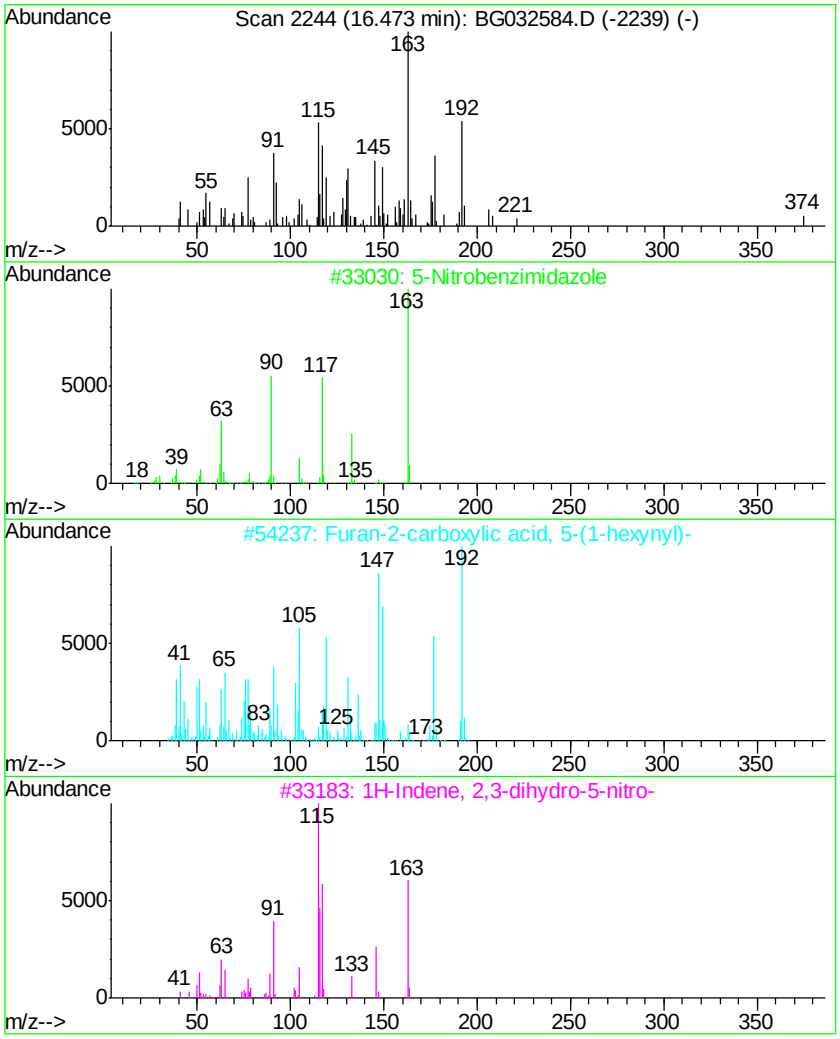
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

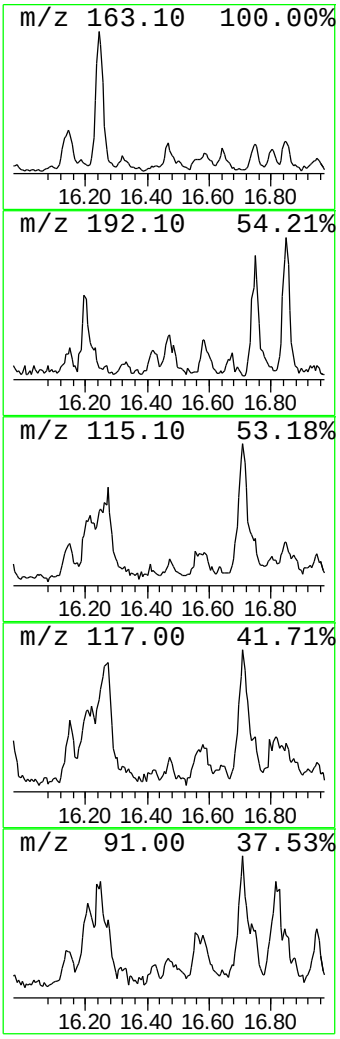
****

Peak Number 14 unknown16.47 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	5.94 ng	83930	Acenaphthene-d10	15.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Nitrobenzimidazole	163	C7H5N3O2	1000229-89-5	30
2	Furan-2-carboxylic acid, 5-(1-he...	192	C11H12O3	1000269-18-0	30
3	1H-Indene, 2,3-dihydro-5-nitro-	163	C9H9NO2	007436-07-9	27
4	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	25
5	1,2-Benzenedicarboxylic acid, et...	208	C11H12O4	034006-77-4	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

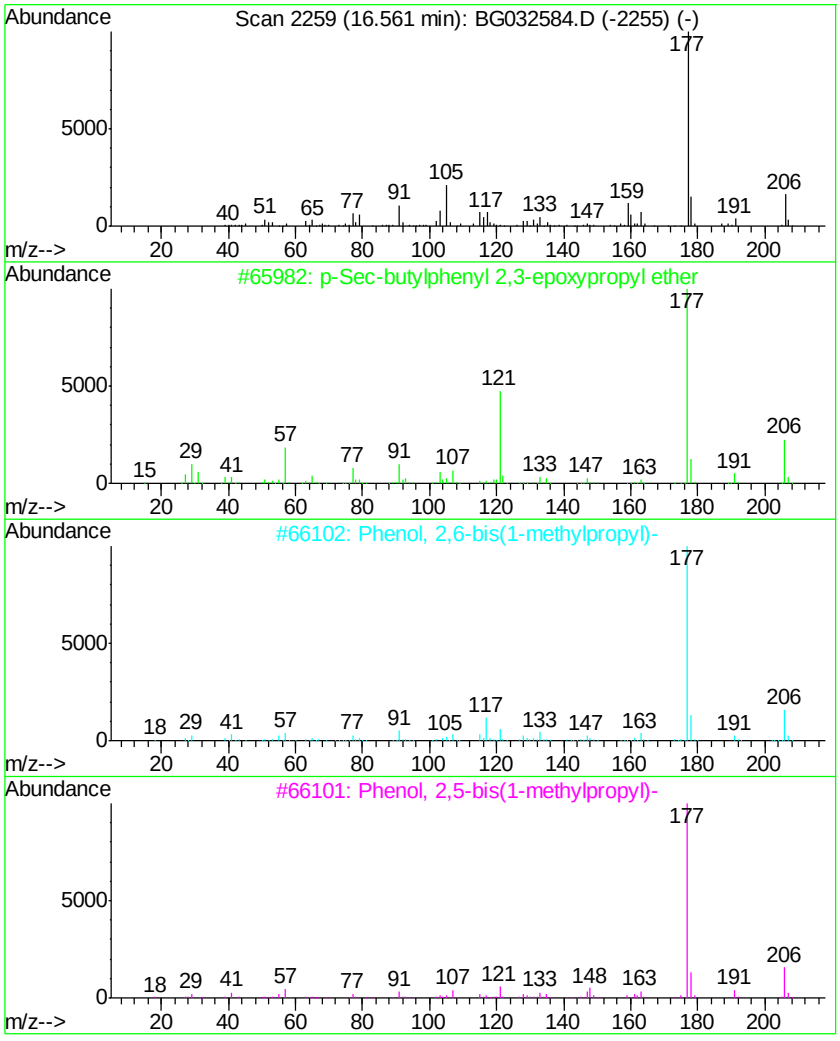
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

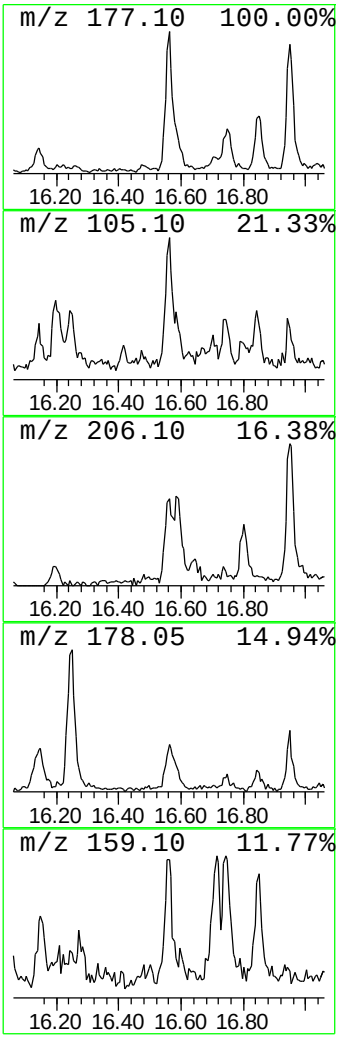
****

Peak Number 15 p-Sec-butylphenyl 2,3-epoxy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	8.64 ng	122040	Acenaphthene-d10	15.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Sec-butylphenyl 2,3-epoxypropy...	206	C13H18O2	067557-76-0	76
2	Phenol, 2,6-bis(1-methylpropyl)-	206	C14H22O	005510-99-6	76
3	Phenol, 2,5-bis(1-methylpropyl)-	206	C14H22O	054932-77-3	68
4	Phenol, 2-(1,1-dimethylethyl)-4-...	206	C14H22O	052184-13-1	62
5	Phthalimide dioxime	177	C8H7N3O2	004741-70-2	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

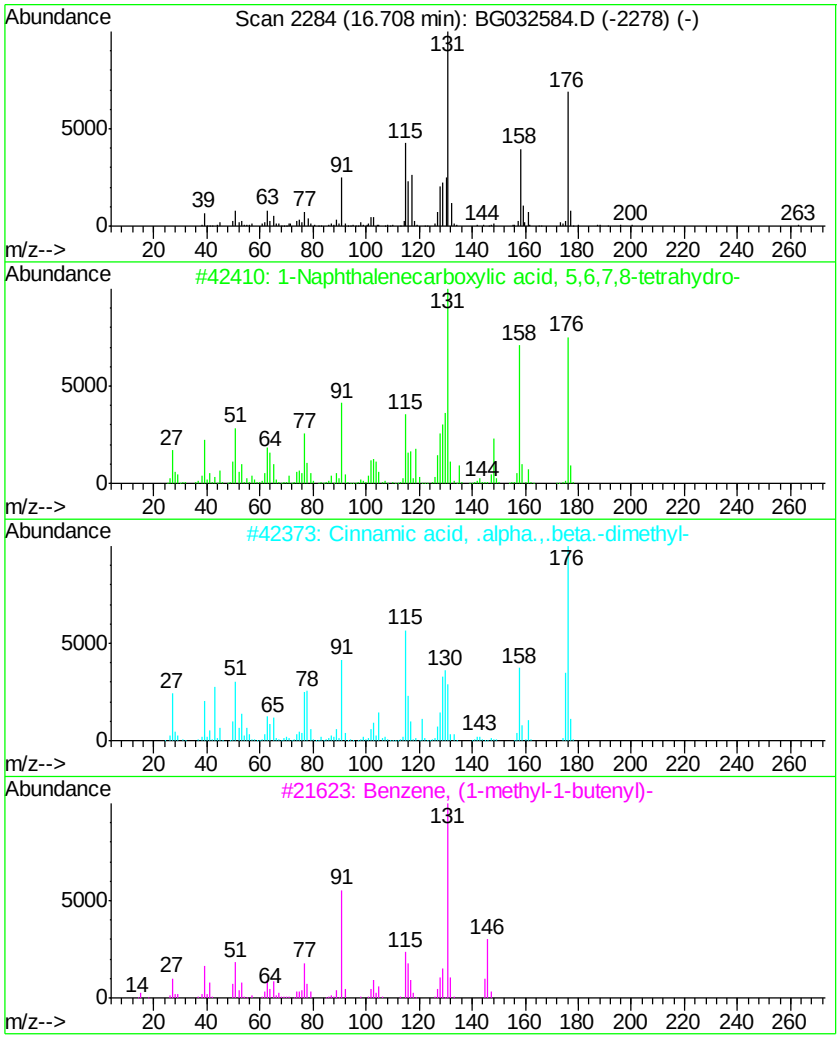
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

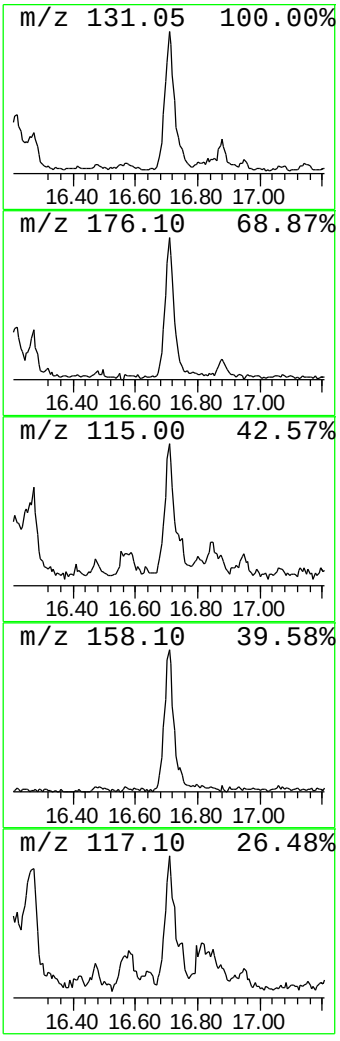
****

Peak Number 16 1-Naphthalenecarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	23.29 ng	328816	Acenaphthene-d10	15.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	50
2	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	46
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	43
4	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	38
5	N,N-Dimethylthiocarbamic acid, 3...	235	C13H17NOS	1000197-43-1	32





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

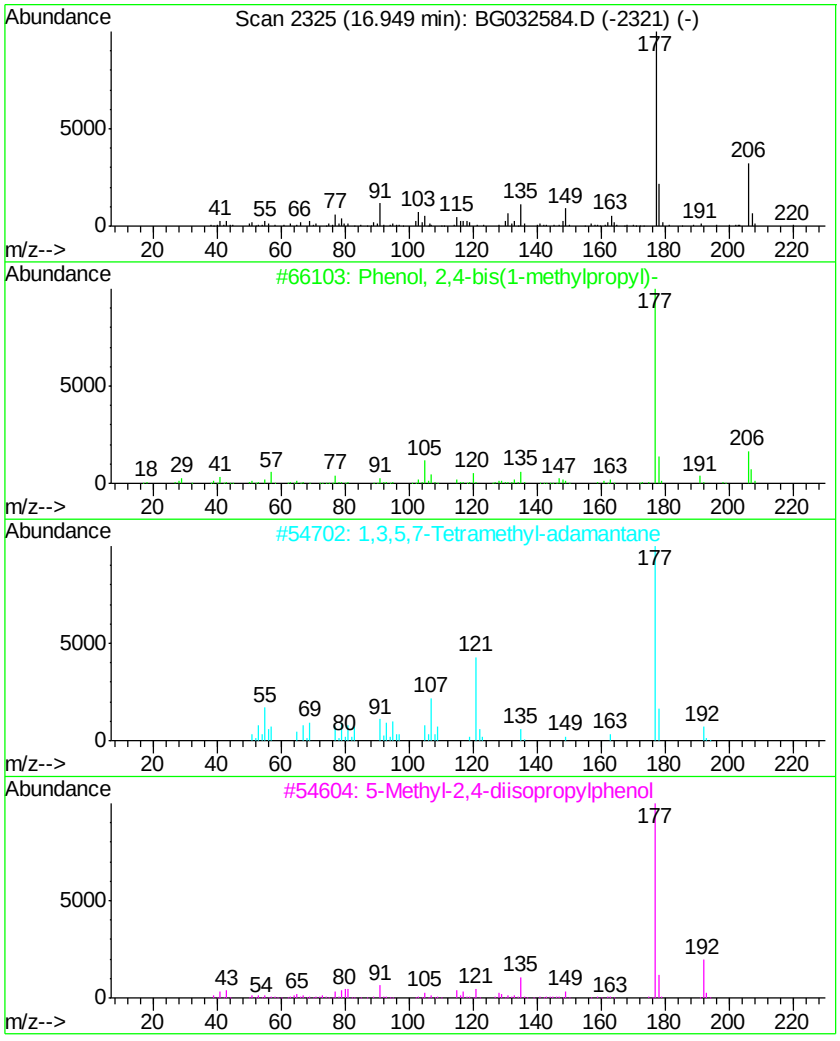
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

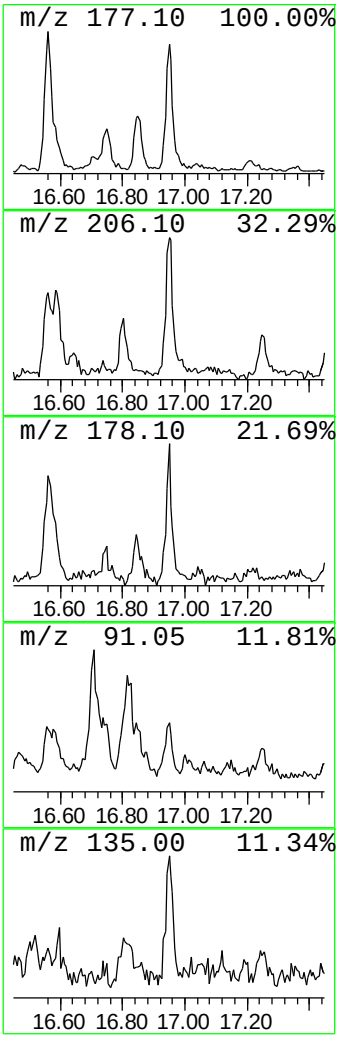
****

Peak Number 17 unknown16.95 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	7.78 ng	121106	Phenanthrene-d10	18.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-bis(1-methylpropyl)-	206	C14H22O	001849-18-9	42
2	1,3,5,7-Tetramethyl-adamantane	192	C14H24	001687-36-1	36
3	5-Methyl-2,4-diisopropylphenol	192	C13H20O	040625-96-5	33
4	2,4a-Epidioxy-5,6,7,8-tetrahydro...	224	C13H20O3	1000212-29-9	33
5	4(1H)-Pteridinone, 2-amino-6-met...	177	C7H7N5O	000708-75-8	33





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

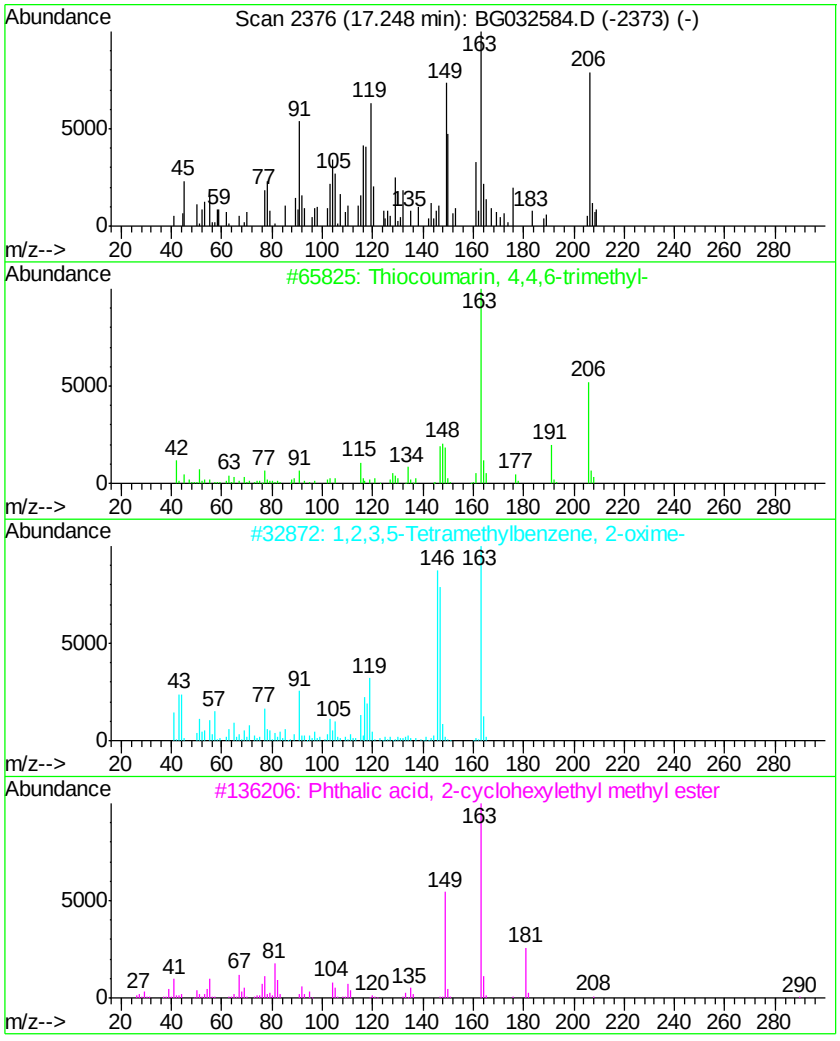
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

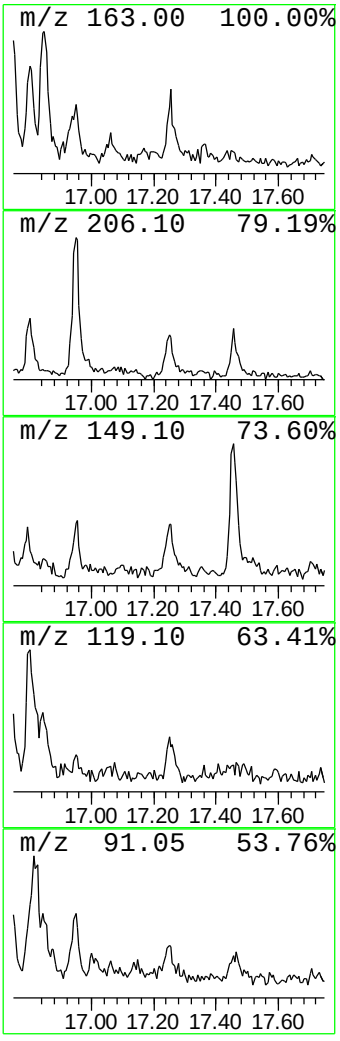
****

Peak Number 18 unknown17.25 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	4.94 ng	76848	Phenanthrene-d10	18.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiocoumarin, 4,4,6-trimethyl-	206	C12H14OS	1000132-62-4	38
2	1,2,3,5-Tetramethylbenzene, 2-ox...	163	C10H13NO	1000127-21-8	30
3	Phthalic acid, 2-cyclohexylethyl...	290	C17H22O4	1000309-03-4	27
4	Methyl propyl phthalate	222	C12H14O4	1000373-89-2	27
5	Phthalic acid, cyclohexylmethyl ...	276	C16H20O4	1000309-05-8	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

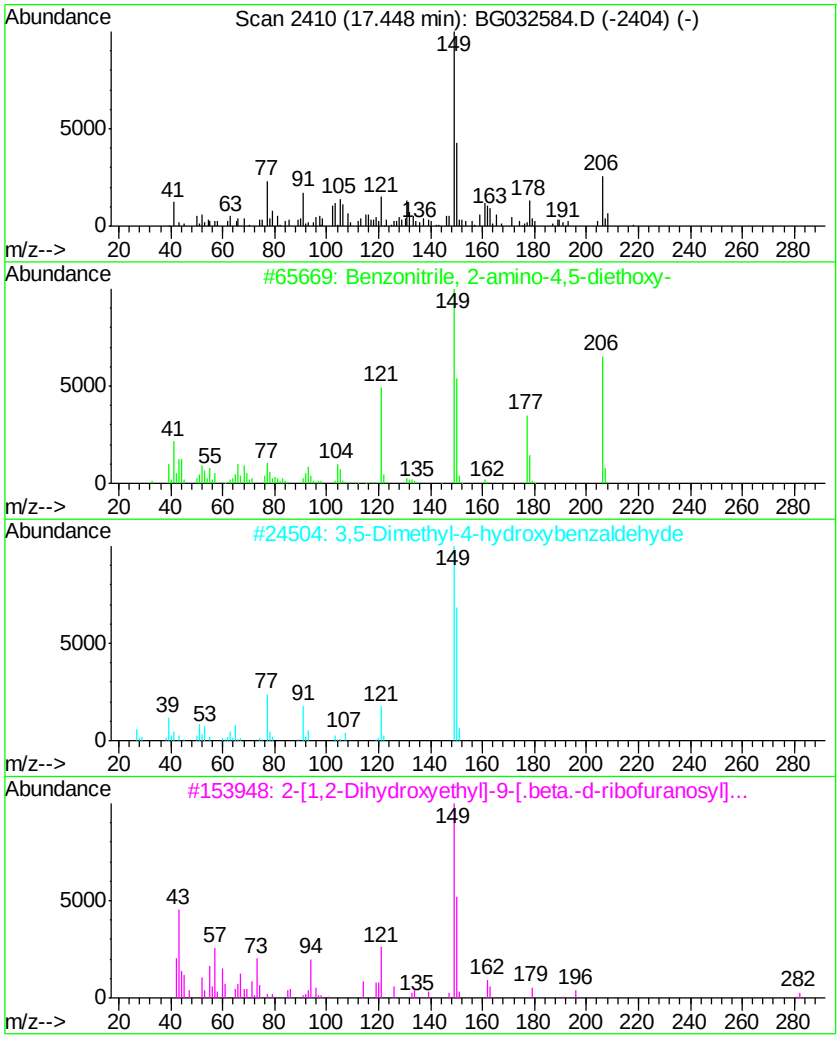
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

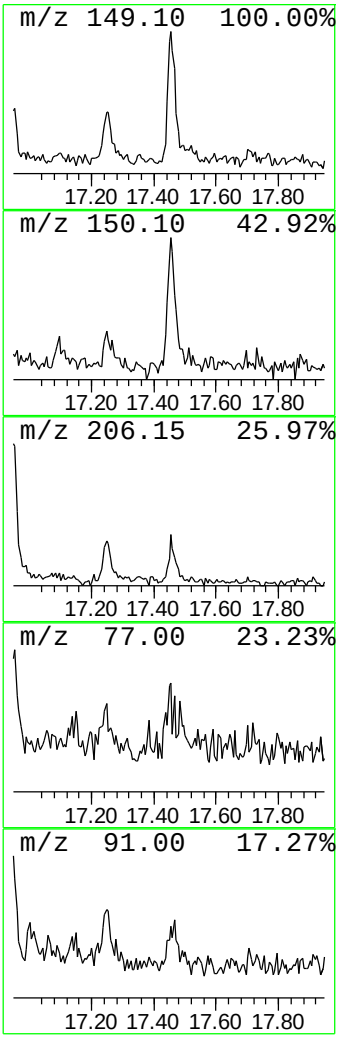
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzonitrile, 2-amino-4,5-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	3.78 ng	58840	Phenanthrene-d10	18.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 2-amino-4,5-diethoxy-	206	C11H14N2O2	1000302-74-7	52
2	3,5-Dimethyl-4-hydroxybenzaldehyde	150	C9H10O2	002233-18-3	49
3	2-[1,2-Dihydroxyethyl]-9-[.beta....	312	C12H16N4O6	1000211-80-9	43
4	2,4,6-Trimethylmandelic acid	194	C11H14O3	020797-56-2	38
5	Phthalic acid, 3-methylbenzyl et...	298	C18H18O4	1000371-10-9	37





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

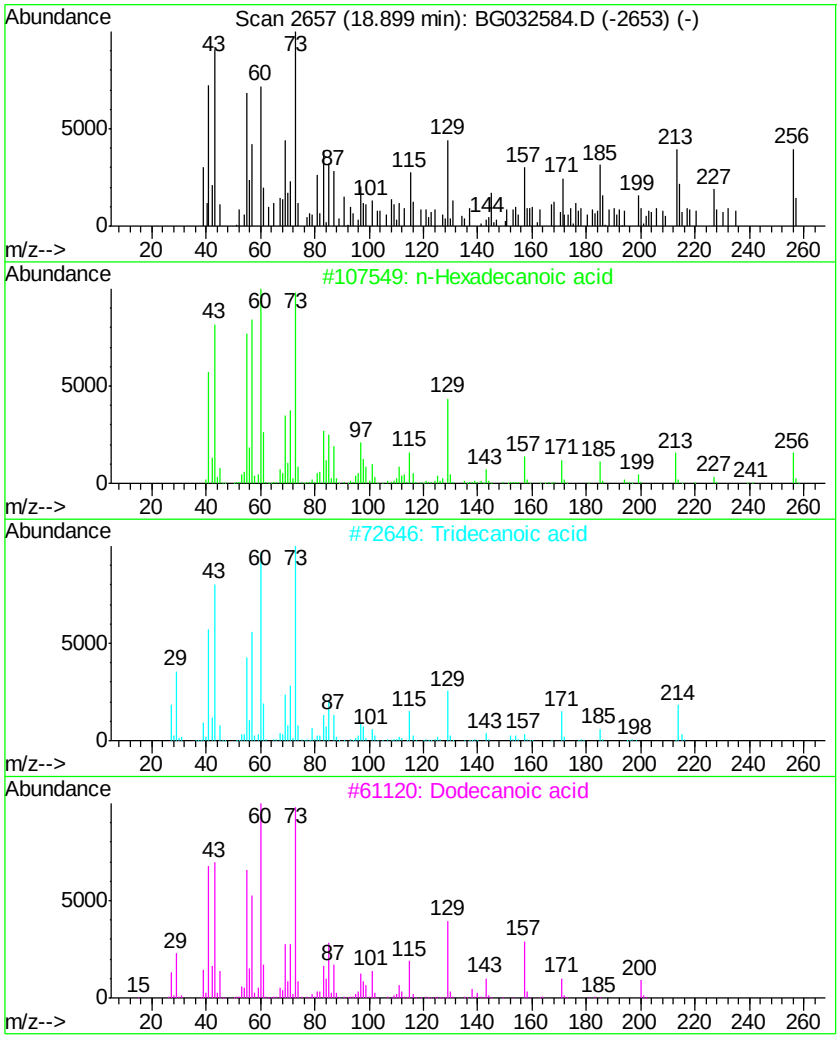
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

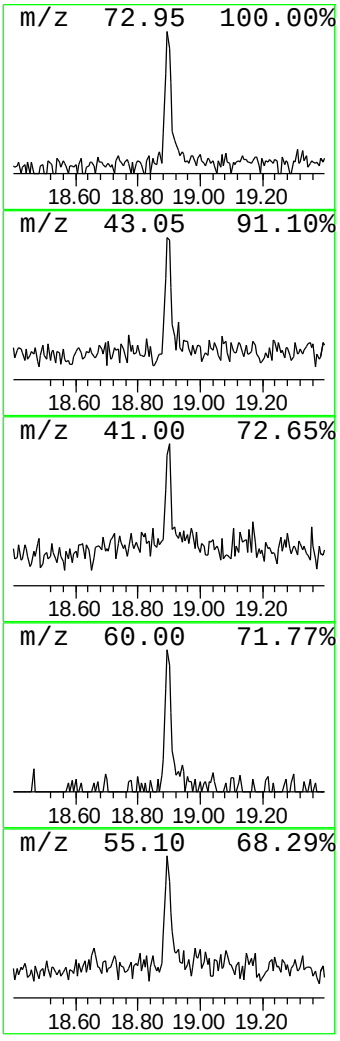
****

Peak Number 20 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	3.94 ng	61373	Phenanthrene-d10	18.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
2	Tridecanoic acid	214	C13H26O2	000638-53-9	50
3	Dodecanoic acid	200	C12H24O2	000143-07-7	35
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	27
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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
Butane, 2-methoxy...	3.46	21.3	ng	97554	1	8.71	91692	20.0
unknown8.22	8.22	89.0	ng	407957	1	8.71	91692	20.0
unknown9.83	9.83	5.2	ng	23732	1	8.71	91692	20.0
3-Phenylbut-1-ene	10.96	4.0	ng	32732	2	11.58	165553	20.0
Naphthalene, 1,2,...	11.68	7.0	ng	58044	2	11.58	165553	20.0
1,3-Cyclopentadie...	15.09	14.5	ng	204116	3	15.34	282366	20.0
2,6-Diisopropylan...	15.85	15.2	ng	214669	3	15.34	282366	20.0
unknown15.91	15.91	16.5	ng	232632	3	15.34	282366	20.0
unknown16.14	16.14	8.4	ng	118662	3	15.34	282366	20.0
unknown16.20	16.20	16.2	ng	228692	3	15.34	282366	20.0
2-Propanone, 1-(3...	16.25	24.5	ng	345296	3	15.34	282366	20.0
unknown16.47	16.47	5.9	ng	83930	3	15.34	282366	20.0
p-Sec-butylphenyl...	16.56	8.6	ng	122040	3	15.34	282366	20.0
1-Naphthalenecarb...	16.71	23.3	ng	328816	3	15.34	282366	20.0
unknown16.95	16.95	7.8	ng	121106	4	18.08	311263	20.0
unknown17.25	17.25	4.9	ng	76848	4	18.08	311263	20.0
Benzonitrile, 2-a...	17.45	3.8	ng	58840	4	18.08	311263	20.0
n-Hexadecanoic acid	18.90	3.9	ng	61373	4	18.08	311263	20.0