LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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	5.235	403	408	418	rBV2	233528	400519	4.65%	0.757%
2	5.717	480	490	504	rBV	754153	1409262	16.37%	2.664%
3	7.338	758	766	777	rBV	511388	1080481	12.55%	2.042%
4	7.708	821	829	842	rVB	1416590	2602185	30.22%	4.919%
5	8.178	902	909	916	rBV	290776	520772	6.05%	0.984%
6	8.502	955	964	975	rBV	1176711	2229175	25.89%	4.213%
7	8.831	1014	1020	1026	rBV5	49587	102008	1.18%	0.193%
8	9.072	1051	1061	1071	rBV4	76136	222526	2.58%	0.421%
9	9.365	1104	1111	1124	rBV	1091714	2158251	25.07%	4.079%
10	9.906	1195	1203	1210	rVB9	72604	172423	2.00%	0.326%
11	10.352	1271	1279	1284	rBV10	52544	127422	1.48%	0.241%
12	10.535	1304	1310	1314	rBV8	46533	95169	1.11%	0.180%
13	10.717	1336	1341	1346	rBV6	95185	190750	2.22%	0.361%
14	10.764	1347	1349	1357	rVB7	50218	115633	1.34%	0.219%
15	10.911	1369	1374	1382	rVB8	58779	146784	1.70%	0.277%
16	11.005	1382	1390	1401	rBV	406286	867409	10.08%	1.640%
17	11.381	1448	1454	1458	rBV5	68030	143773	1.67%	0.272%
18	11.716	1505	1511	1515	rBV5	66315	147048	1.71%	0.278%
19	12.050	1566	1568	1576	rVB7	92004	163087	1.89%	0.308%
20	12.121	1577	1580	1586	rVB7	83489	129426	1.50%	0.245%
21	12.197	1589	1593	1595	rVV5	60731	88742	1.03%	0.168%
22	12.403	1623	1628	1631	rBV7	56438	96644	1.12%	0.183%
23	12.544	1646	1652	1656	rBV5	101275	232090	2.70%	0.439%
24	12.650	1662	1670	1674	rBV5	202174	536222	6.23%	1.014%
25	12.926	1712	1717	1723	rBV7	101373	171657	1.99%	0.324%
26	13.026	1729	1734	1739	rBV5	111495	212558	2.47%	0.402%
27	13.161	1749	1757	1763	rVB5	289197	631574	7.34%	1.194%
28	13.226	1765	1768	1772	rVB3	109027	154000	1.79%	0.291%
29	13.343	1782	1788	1795	rBV3	235881	509725	5.92%	0.963%
30	13.425	1796	1802	1810	rVB	3113612	5024918	58.36%	9.498%
31	13.525	1816	1819	1823	rBV6	75399	105100	1.22%	0.199%
32	13.631	1832	1837	1845	rBV6	133372	341809	3.97%	0.646%
33	13.772	1857	1861	1867	rBV6	208362	446178	5.18%	0.843%
34	13.942	1886	1890	1893	rBV5	72588	131018	1.52%	0.248%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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	14.060	1906	1910	1915	rVB7	169476	293380	3.41%	0.555%
36	14.154	1921	1926	1931	rBV8	166068	312927	3.63%	0.591%
37	14.412	1966	1970	1972	rBV5	128226	191337	2.22%	0.362%
38	14.612	2000	2004	2005	rBV4	123434	167435	1.94%	0.316%
39	14.806	2033	2037	2046	rVB	738072	1281821	14.89%	2.423%
40	15.088	2082	2085	2089	rVB6	102274	132917	1.54%	0.251%
41	15.135	2090	2093	2099	rVB8	113601	204157	2.37%	0.386%
42	15.294	2116	2120	2124	rBV5	309706	491588	5.71%	0.929%
43	15.376	2130	2134	2136	rBV4	270123	386743	4.49%	0.731%
44	15.452	2144	2147	2153	rVB6	263511	461900	5.37%	0.873%
45	15.558	2161	2165	2168	rBV6	210446	359391	4.17%	0.679%
46	15.864	2211	2217	2222	rBV3	563717	959293	11.14%	1.813%
47	15.963	2231	2234	2240	rVB2	249527	398776	4.63%	0.754%
48	16.210	2268	2276	2281	rBV	1576365	3057258	35.51%	5.779%
49	16.298	2286	2291	2302	rVB	2998150	5040571	58.55%	9.527%
50	16.757	2364	2369	2379	rVB4	429897	855782	9.94%	1.618%
51	17.221	2443	2448	2456	rBV6	350852	682914	7.93%	1.291%
52	17.338	2465	2468	2473	rVB2	289789	406258	4.72%	0.768%
53	17.556	2500	2505	2510	rVB2	889421	1323929	15.38%	2.502%
54	17.902	2559	2564	2570	rBV4	237964	479622	5.57%	0.907%
55	18.402	2646	2649	2658	rVB3	342022	614109	7.13%	1.161%
56	19.659	2859	2863	2872	rVB2	298871	454585	5.28%	0.859%
57	19.771	2879	2882	2893	rVB	201469	363517	4.22%	0.687%
58	20.135	2939	2944	2950	rBV	6136495	8609503	100.00%	16.273%
59	21.839	3229	3234	3243	rVB	1059416	1832451	21.28%	3.464%
60	25.229	3802	3811	3822	rVB	602293	1837440	21.34%	3.473%

Sum of corrected areas: 52905942

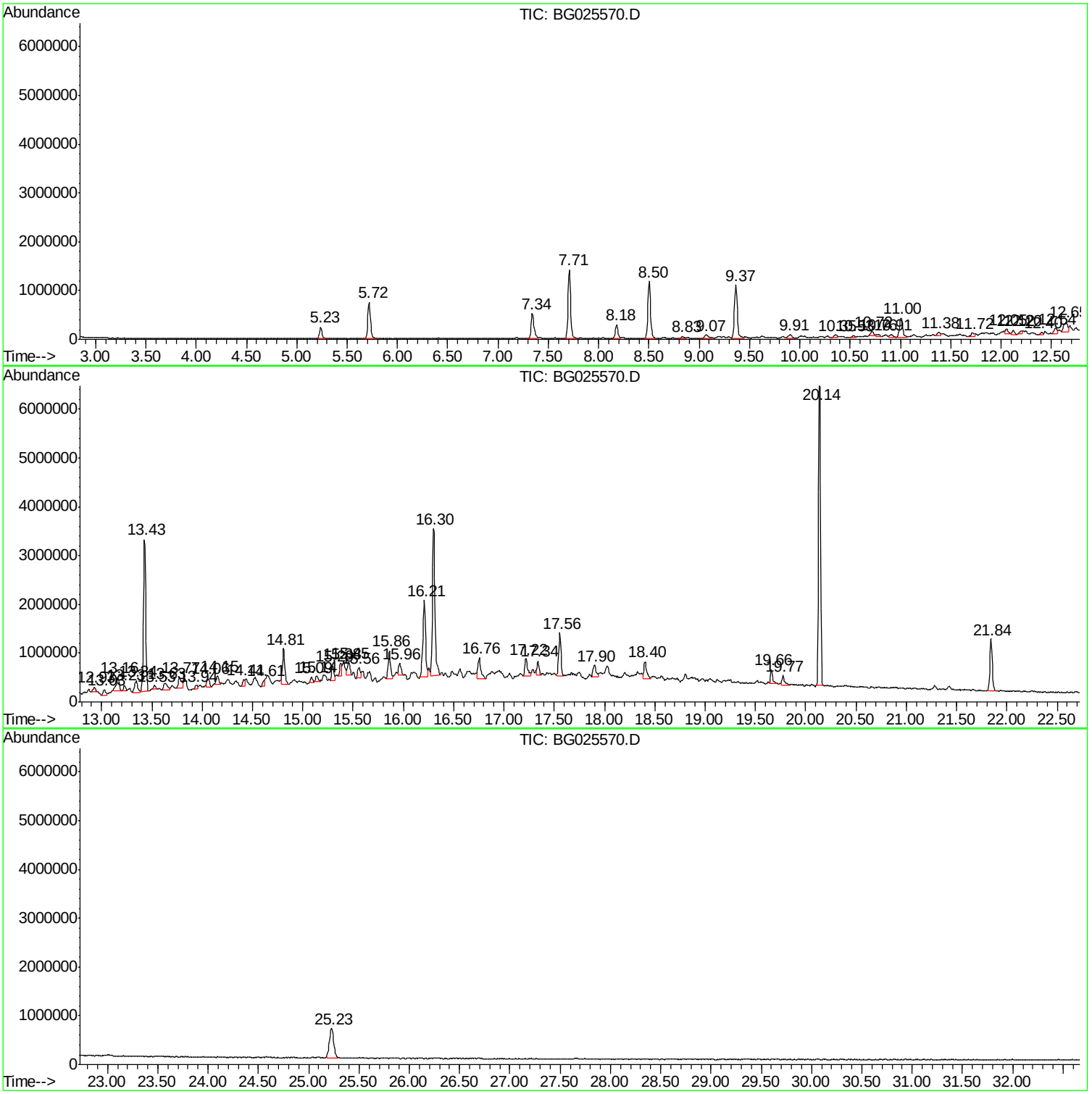
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-19

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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

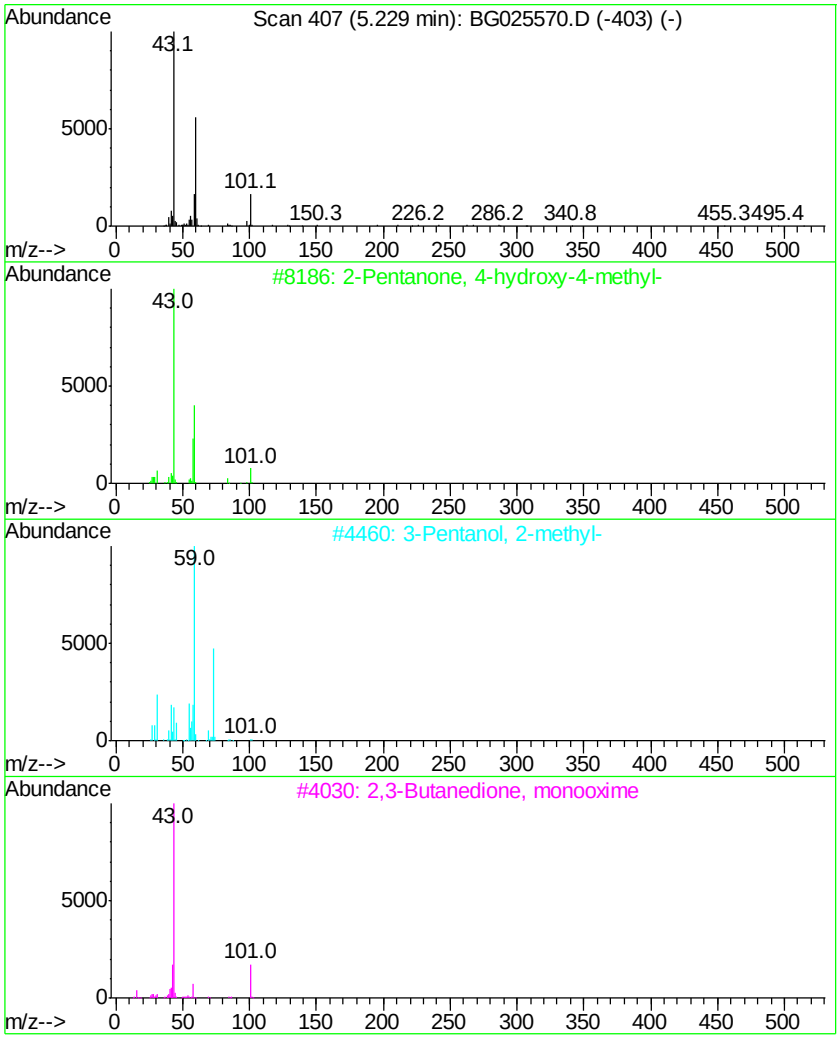
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

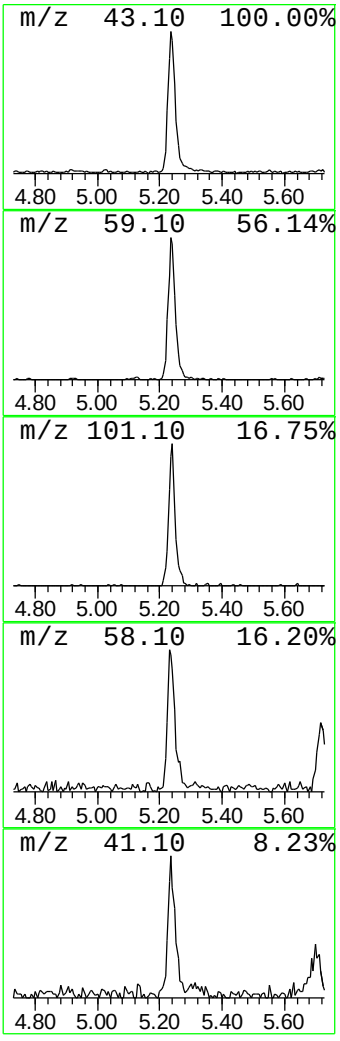
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	15.38 ng	400519	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	43
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	Silane, dimethyl-	60	C2H8Si	001111-74-6	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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

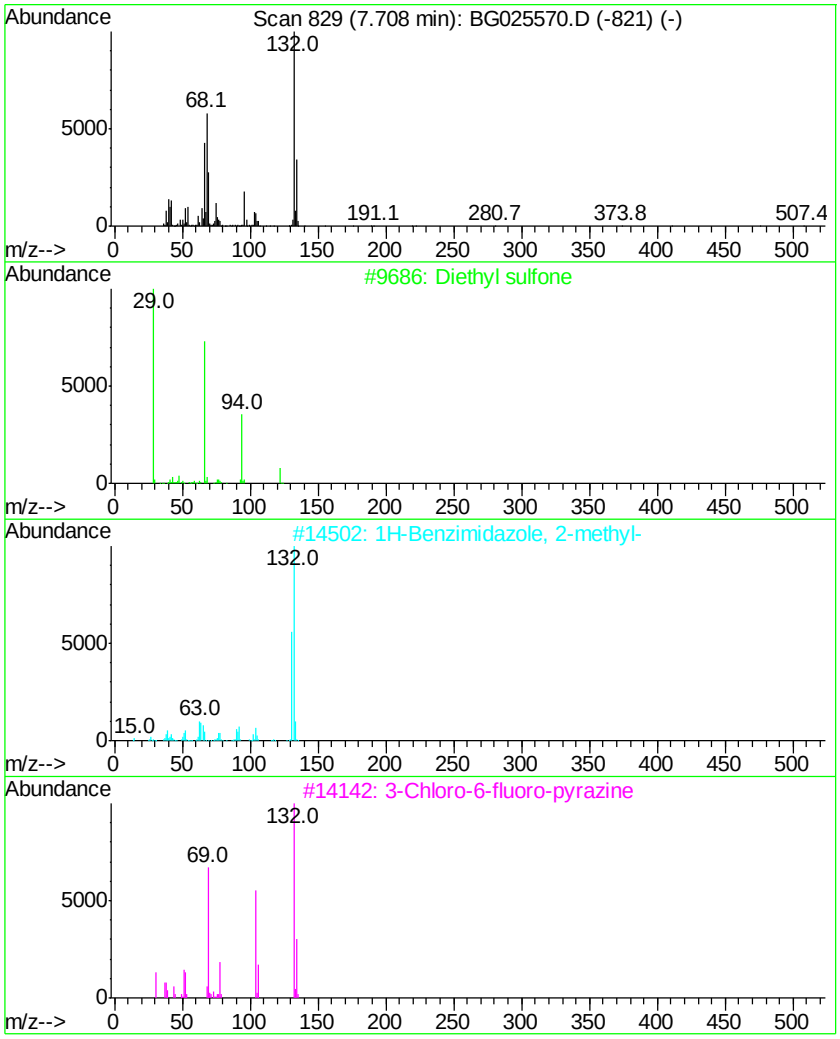
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

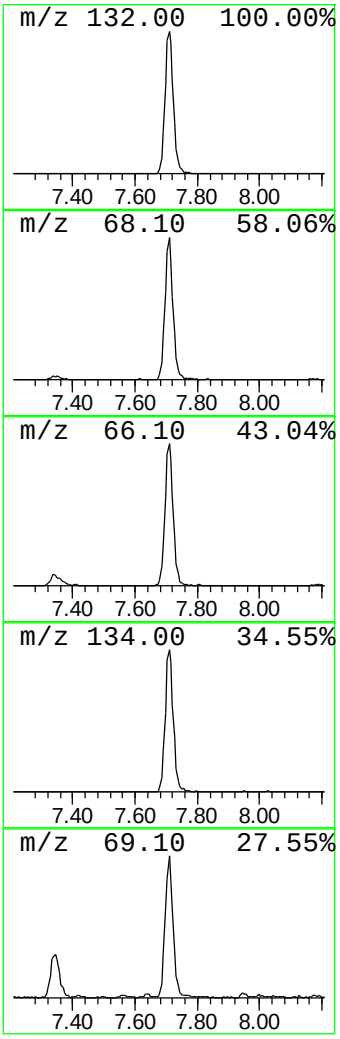
****

Peak Number 2 unknown7.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	99.94 ng	2602190	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl sulfone	122	C4H10O2S	000597-35-3	17
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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

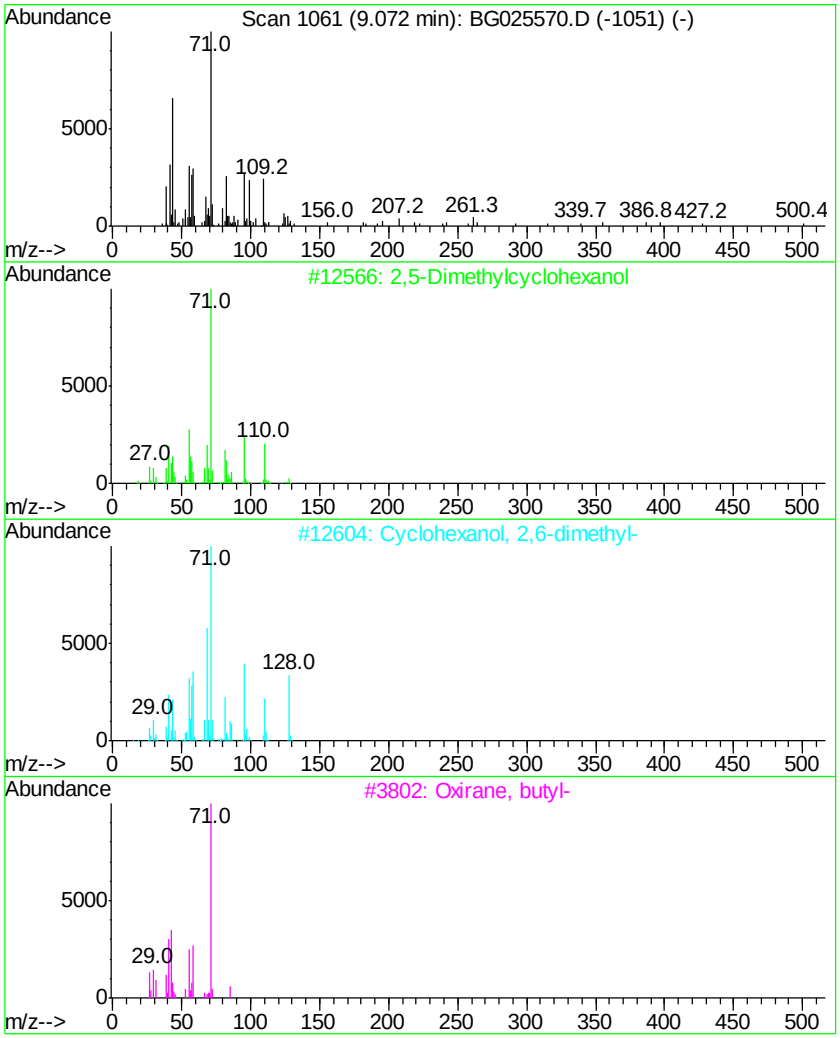
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

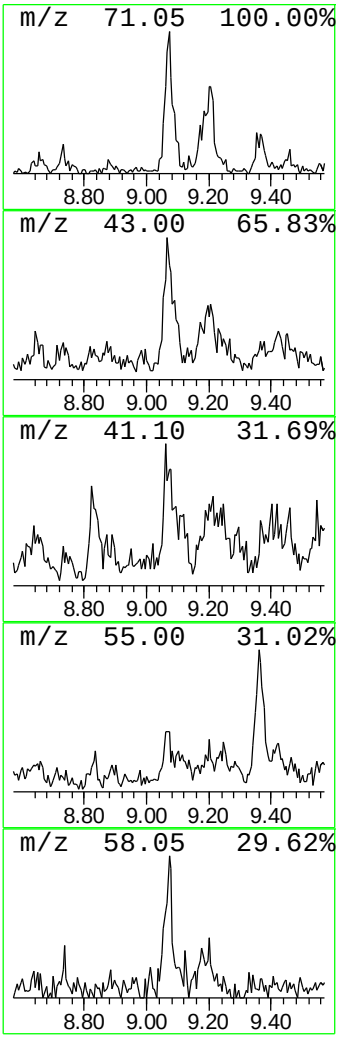
****

Peak Number 4 unknown9.07 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	8.55 ng	222526	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethylcyclohexanol	128	C8H16O	003809-32-3	47
2	Cyclohexanol, 2,6-dimethyl-	128	C8H16O	005337-72-4	40
3	Oxirane, butyl-	100	C6H12O	001436-34-6	38
4	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	38
5	4,4-Dimethyl-1-hexene	112	C8H16	001647-08-1	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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

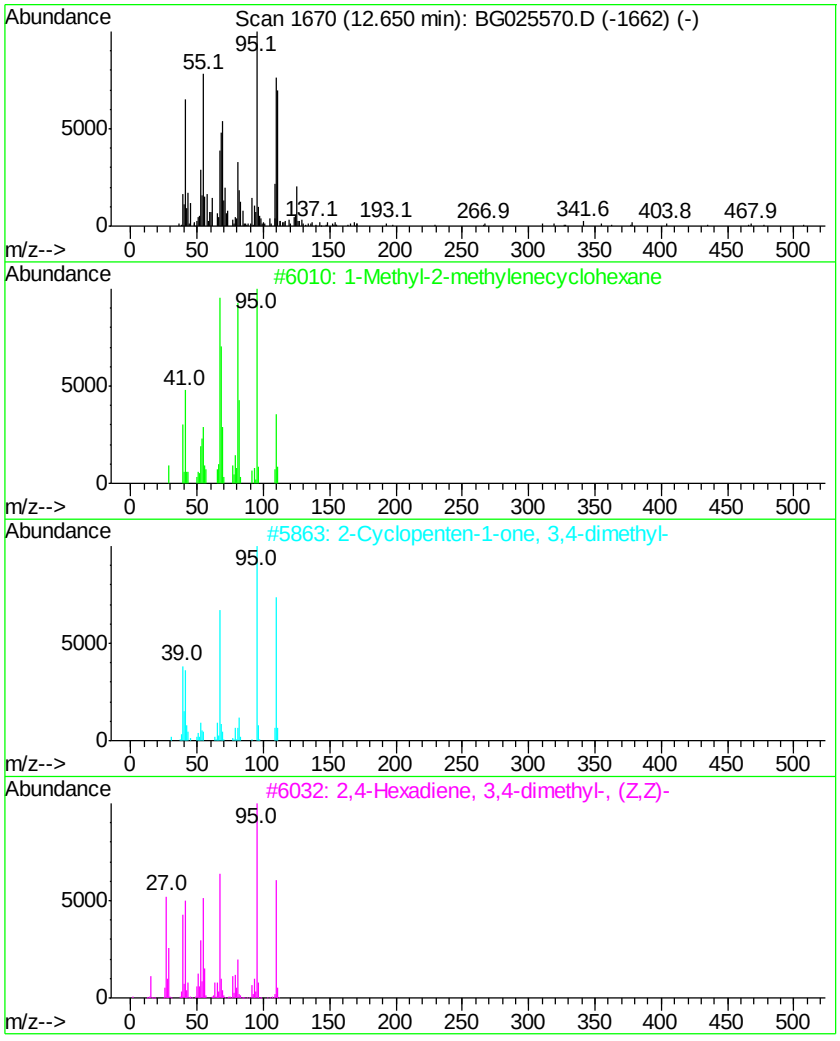
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

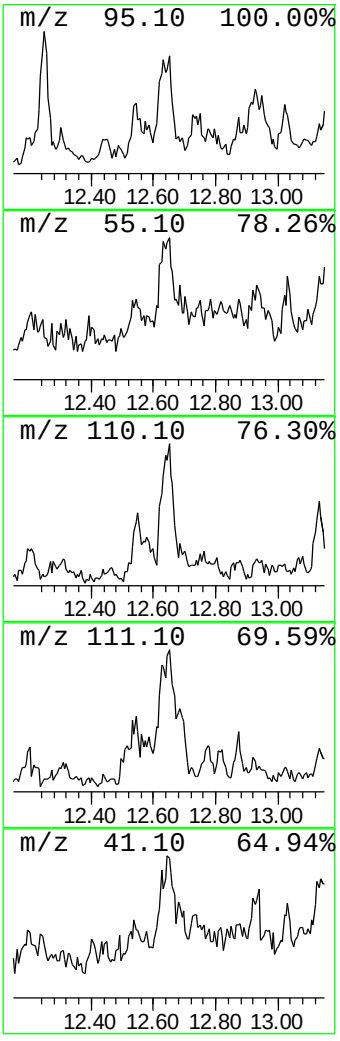
****

Peak Number 5 1-Methyl-2-methylenecyclohe... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	12.36 ng	536222	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	52
2	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	43
3	2,4-Hexadiene, 3,4-dimethyl-, (Z...	110	C8H14	021293-01-6	43
4	1,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000927-97-9	38
5	4(1H)-Pyridone	95	C5H5NO	000108-96-3	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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

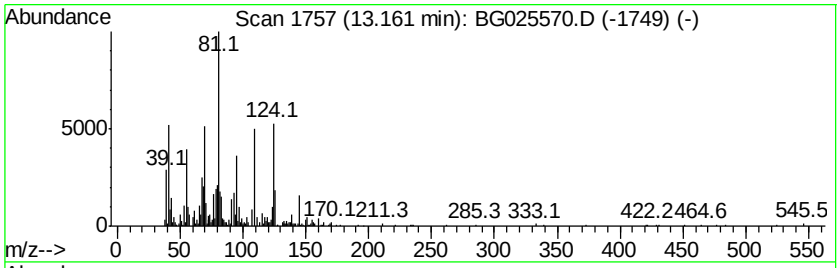
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

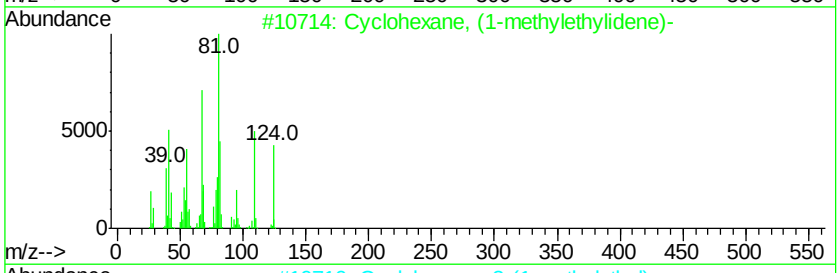
****

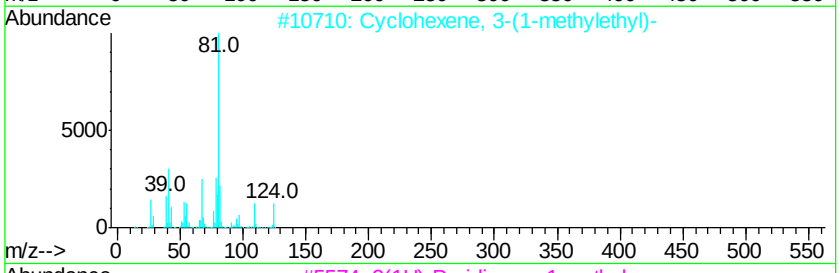
Peak Number 6 Cyclohexane, (1-methylethyl... Concentration Rank 9

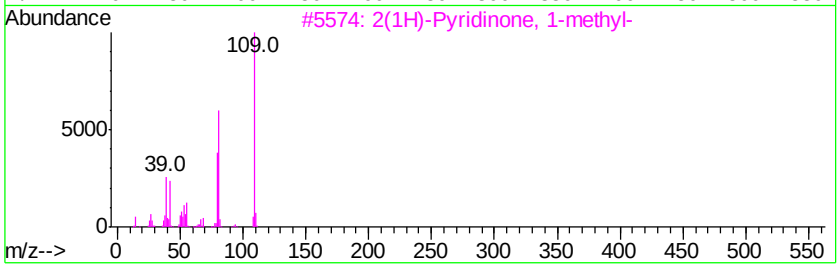
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	9.85 ng	631574	Acenaphthene-d10	14.81

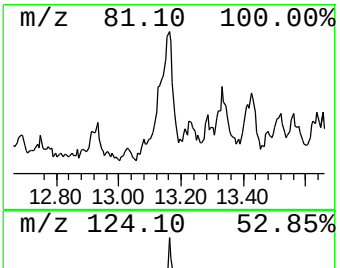
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	64
2	Cyclohexene, 3-(1-methylethyl)-	124	C9H16	003983-08-2	53
3	2(1H)-Pyridinone, 1-methyl-	109	C6H7NO	000694-85-9	38
4	2-n-Octylfuran	180	C12H20O	004179-38-8	27
5	Mequinol	124	C7H8O2	000150-76-5	27

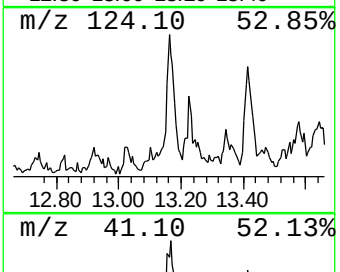


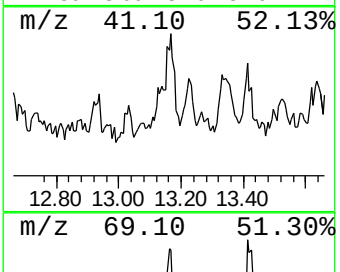


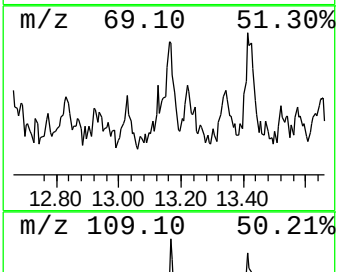


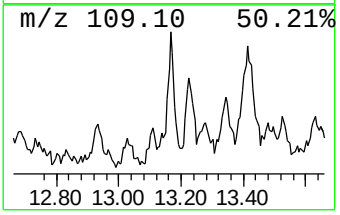












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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

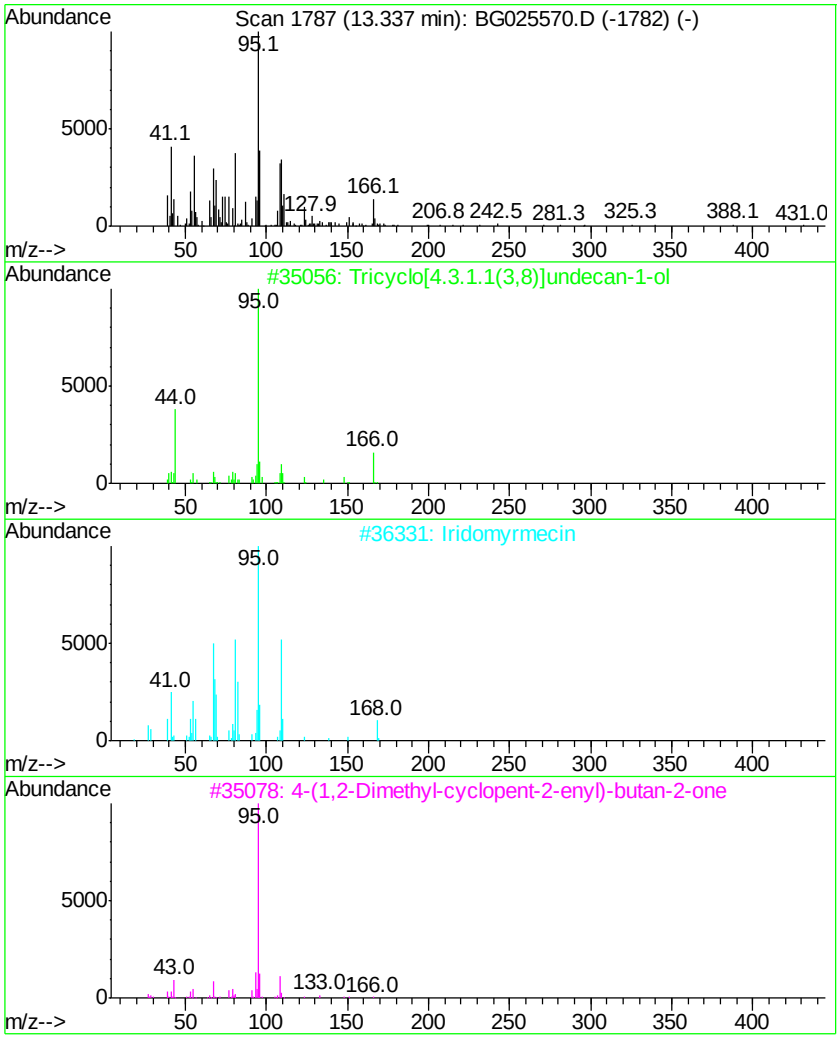
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

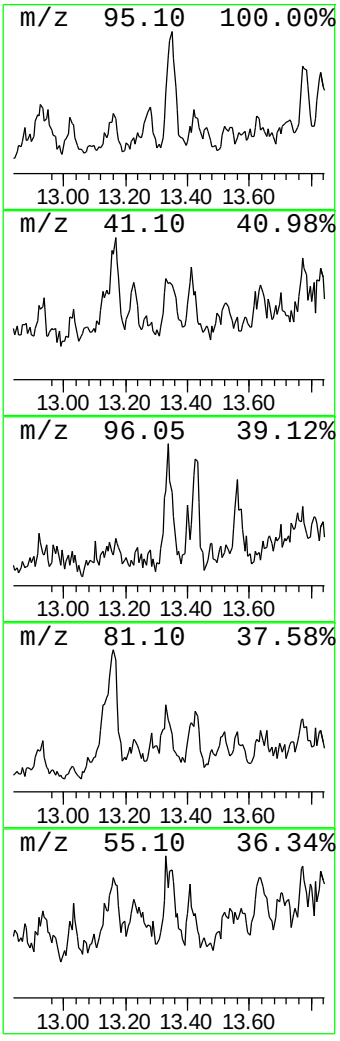
****

Peak Number 7 unknown13.34 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	7.95 ng	509725	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.3.1.1(3,8)]undecan-1-ol	166	C11H18O	031061-64-0	43
2	Iridomyrmecin	168	C10H16O2	000485-43-8	38
3	4-(1,2-Dimethyl-cyclopent-2-enyl...	166	C11H18O	075698-06-5	38
4	2-Decyne	138	C10H18	002384-70-5	37
5	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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

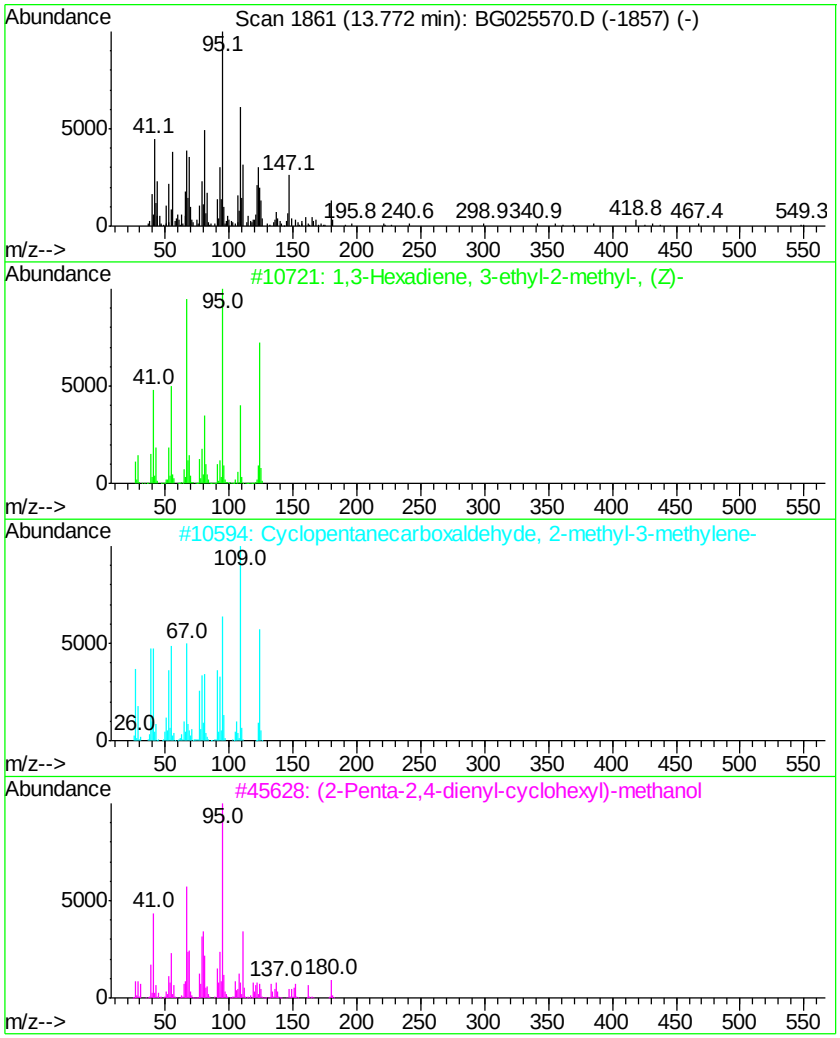
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

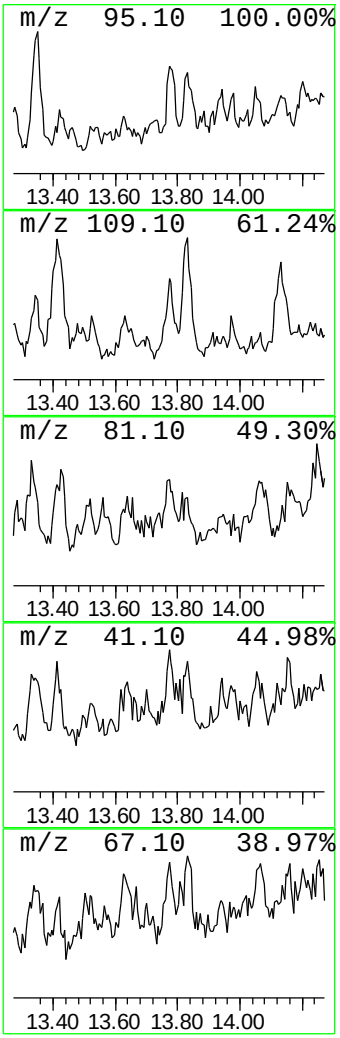
****

Peak Number 8 unknown13.77 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	6.96 ng	446178	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	49
2	Cyclopentanecarboxaldehyde, 2-me...	124	C8H12O	1000154-24-0	45
3	(2-Penta-2,4-dienyl-cyclohexyl)-...	180	C12H20O	1000186-20-6	43
4	3-Oxabicyclo[4.1.0]heptan-2-one,...	168	C10H16O2	022841-82-3	43
5	.alpha.-Santoline alcohol	154	C10H18O	090823-36-2	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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

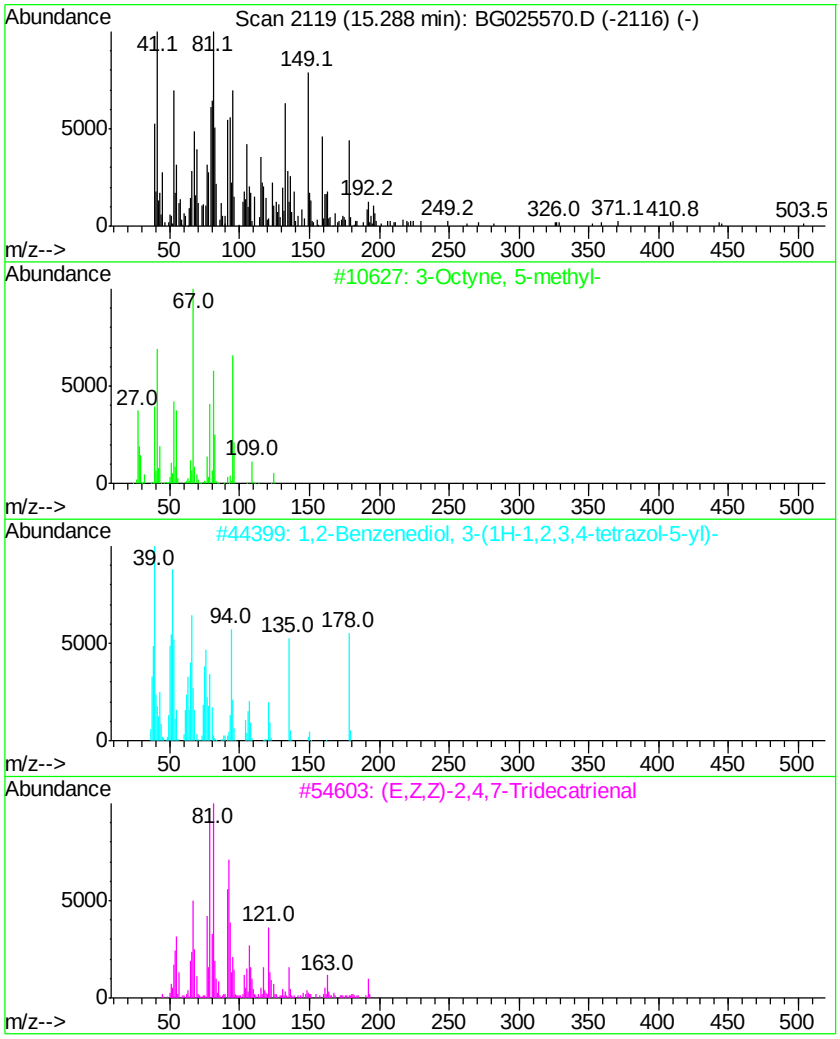
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

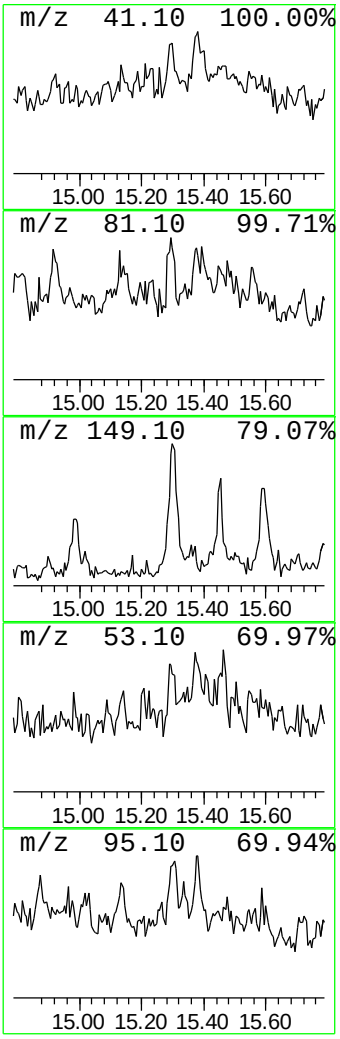
****

Peak Number 9 unknown15.29 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	7.67 ng	491588	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne, 5-methyl-	124	C9H16	062108-33-2	38
2	1,2-Benzenediol, 3-(1H-1,2,3,4-t...	178	C7H6N4O2	1000362-63-3	38
3	(E,Z,Z)-2,4,7-Tridecatrienal	192	C13H20O	1000314-35-6	35
4	4-Cyclopropylnorcarane	136	C10H16	1000222-73-9	30
5	3,4-Pentadien-1-ol, 2,2-dimethyl-	112	C7H12O	004058-52-0	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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

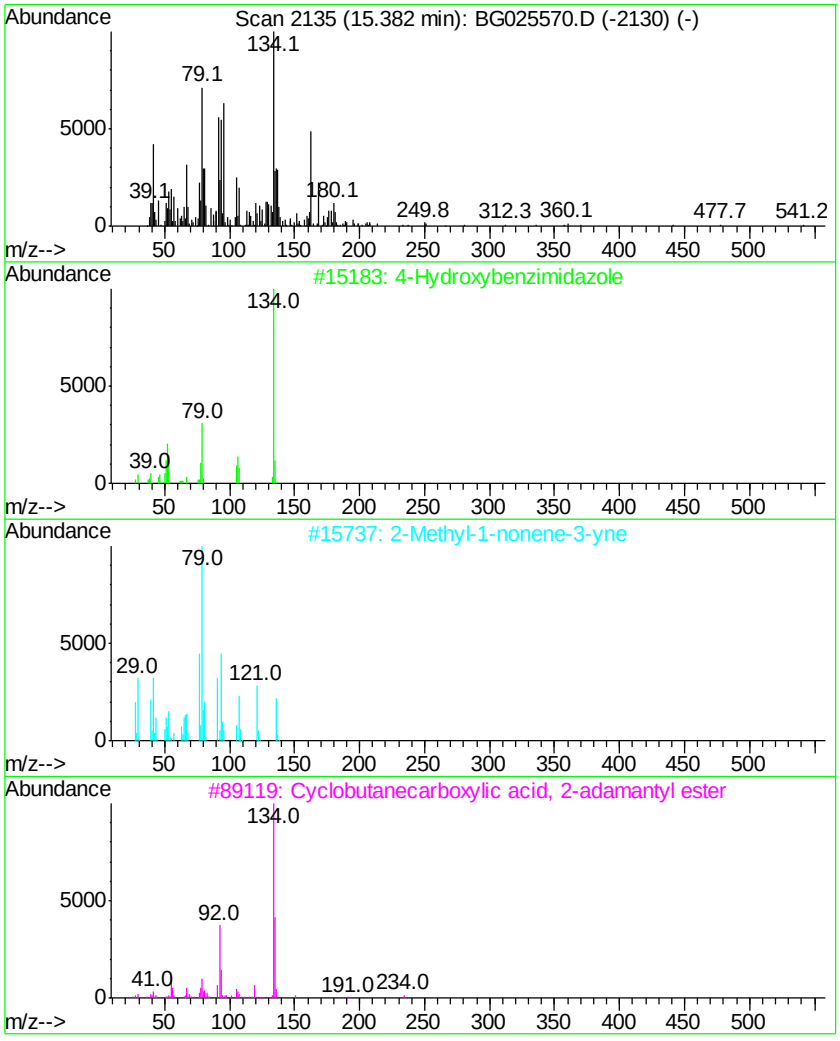
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

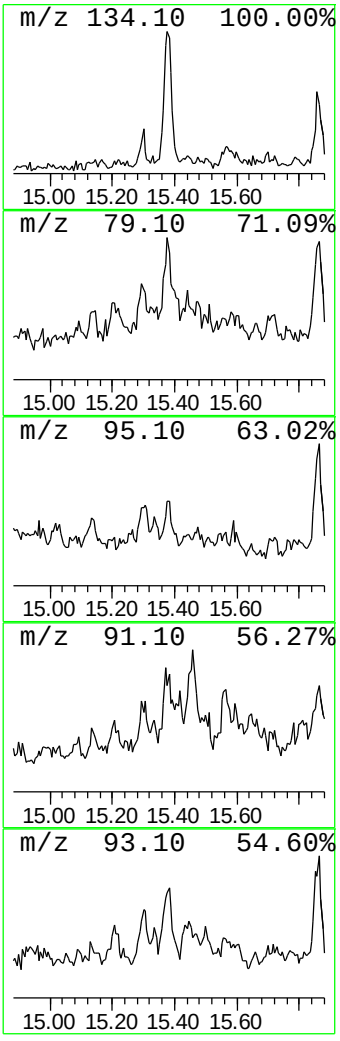
****

Peak Number 10 unknown15.38 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	6.03 ng	386743	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxybenzimidazole	134	C7H6N2O	067021-83-4	35
2	2-Methyl-1-nonene-3-yne	136	C10H16	070058-00-3	25
3	Cyclobutanecarboxylic acid, 2-ad...	234	C15H22O2	1000282-88-4	22
4	4-Decen-6-yne, (Z)-	136	C10H16	013343-76-5	18
5	Pyridine, 2,6-diethyl-	135	C9H13N	000935-28-4	18





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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

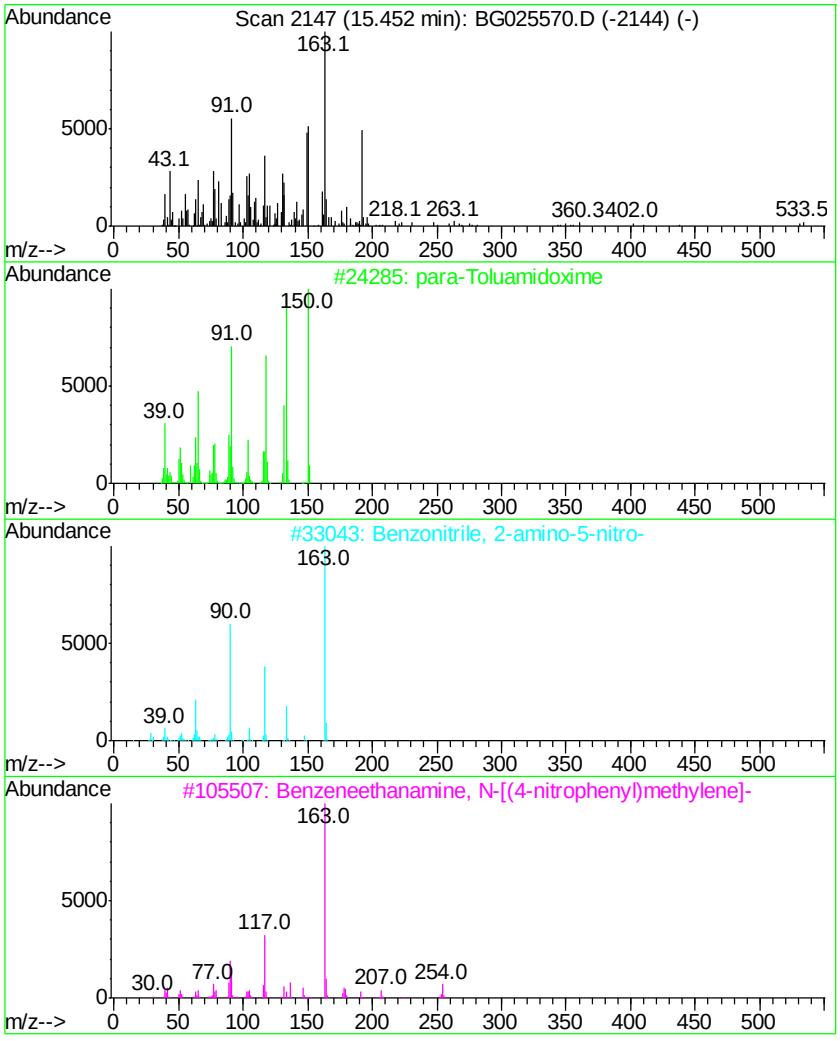
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

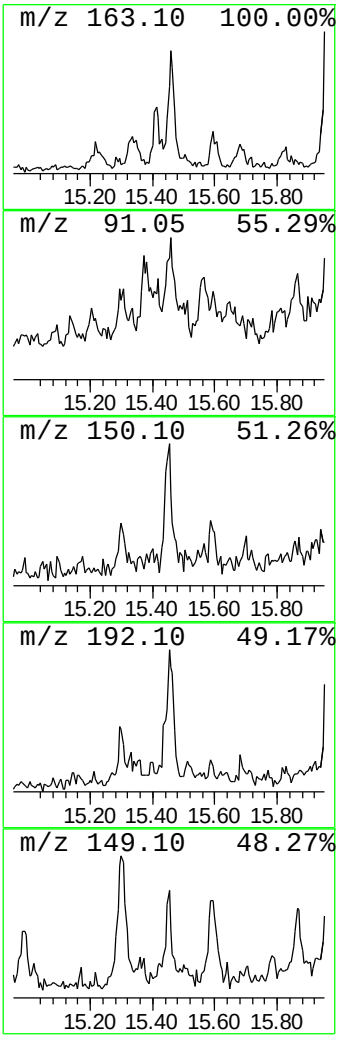
****

Peak Number 11 unknown15.45 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	7.21 ng	461900	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	para-Toluamidoxime	150	C8H10N2O	019227-13-5	25
2	Benzonitrile, 2-amino-5-nitro-	163	C7H5N3O2	017420-30-3	22
3	Benzeneethanamine, N-[(4-nitroph...	254	C15H14N2O2	029723-35-1	22
4	4-Chromanol	150	C9H10O2	001481-93-2	14
5	Hydratropamide, .alpha.-methyl-	163	C10H13NO	000826-54-0	14





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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

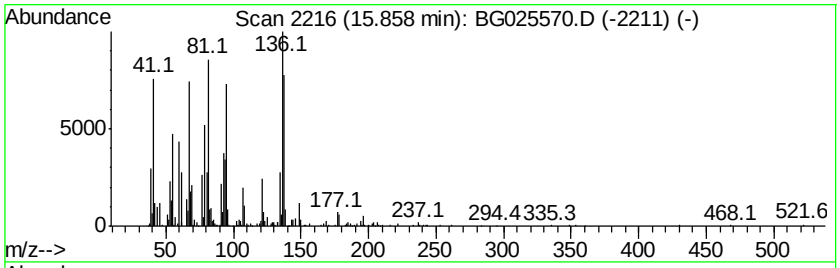
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

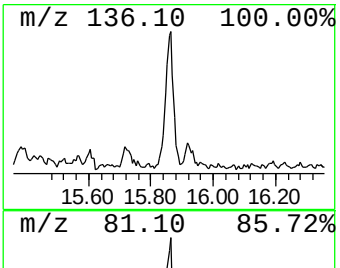
****

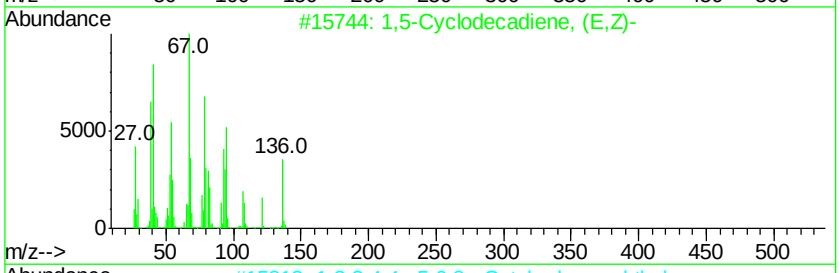
Peak Number 12 unknown15.86 Concentration Rank 5

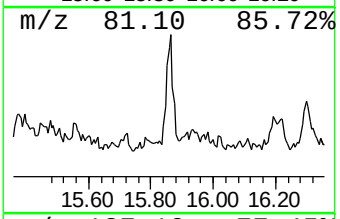
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	14.97 ng	959293	Acenaphthene-d10	14.81

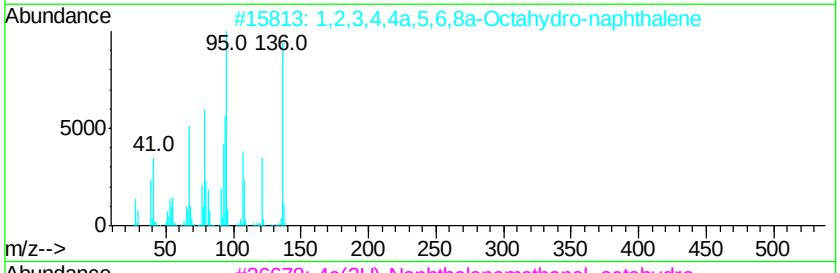
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	43
2	1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	43
3	4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	38
4	1-Propanone, 2-methyl-1-(octahyd...	208	C14H24O	066708-25-6	35
5	Phenol, 3-(dimethylamino)-	137	C8H11NO	000099-07-0	25

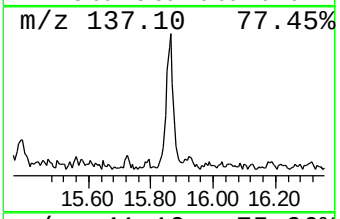


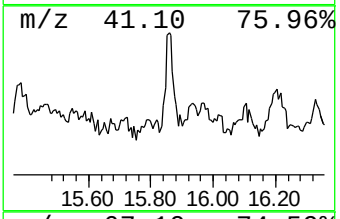


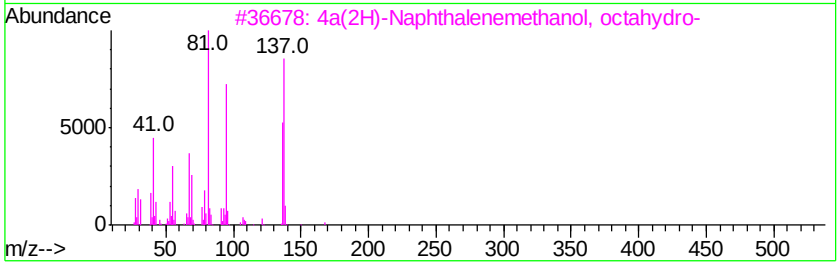


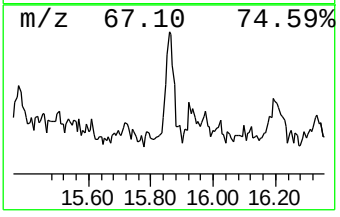












Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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

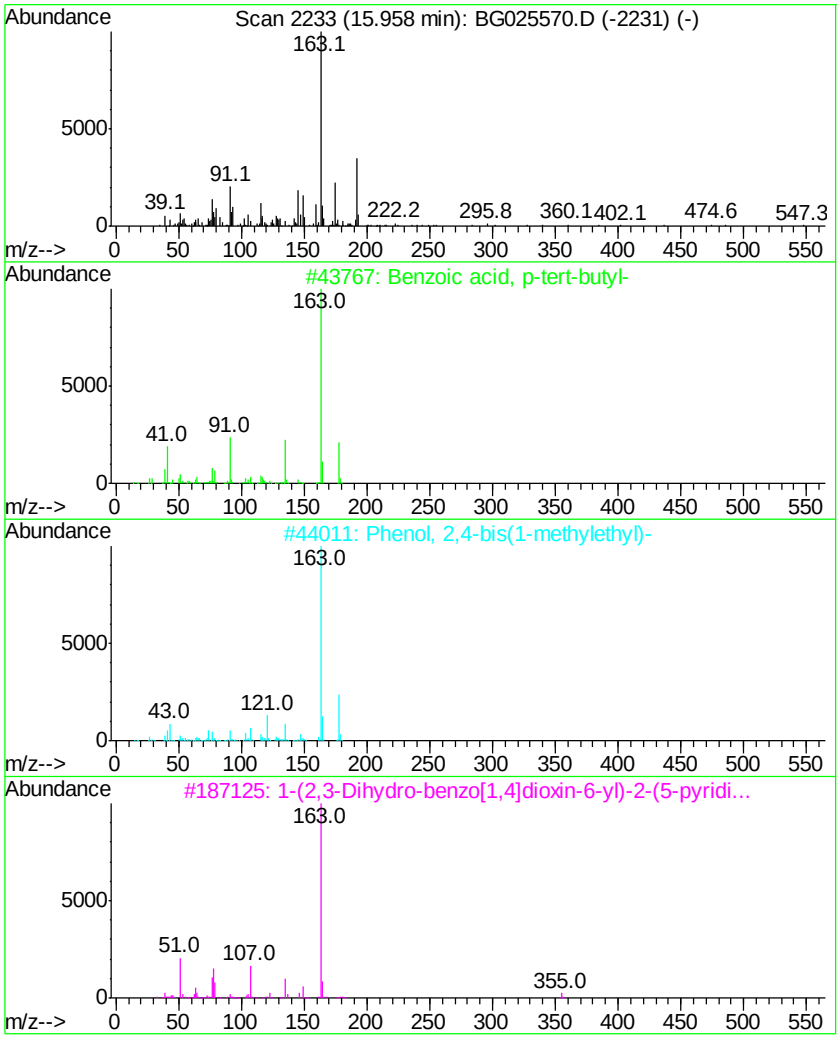
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

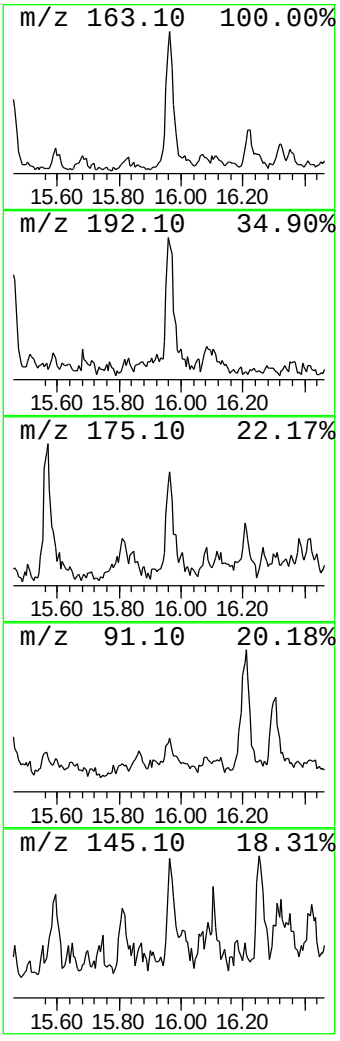
****

Peak Number 13 unknown15.96 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	6.22 ng	398776	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	38
2	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	38
3	1-(2,3-Dihydro-benzo[1,4]dioxin-...	355	C17H13N3O4S	1000300-15-0	38
4	3-Phenylpropanol, 2'-hydroxy-3,3...	208	C13H20O2	040614-21-9	38
5	Phthalic acid, 3,4-dimethylpheny...	284	C17H16O4	1000315-69-7	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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

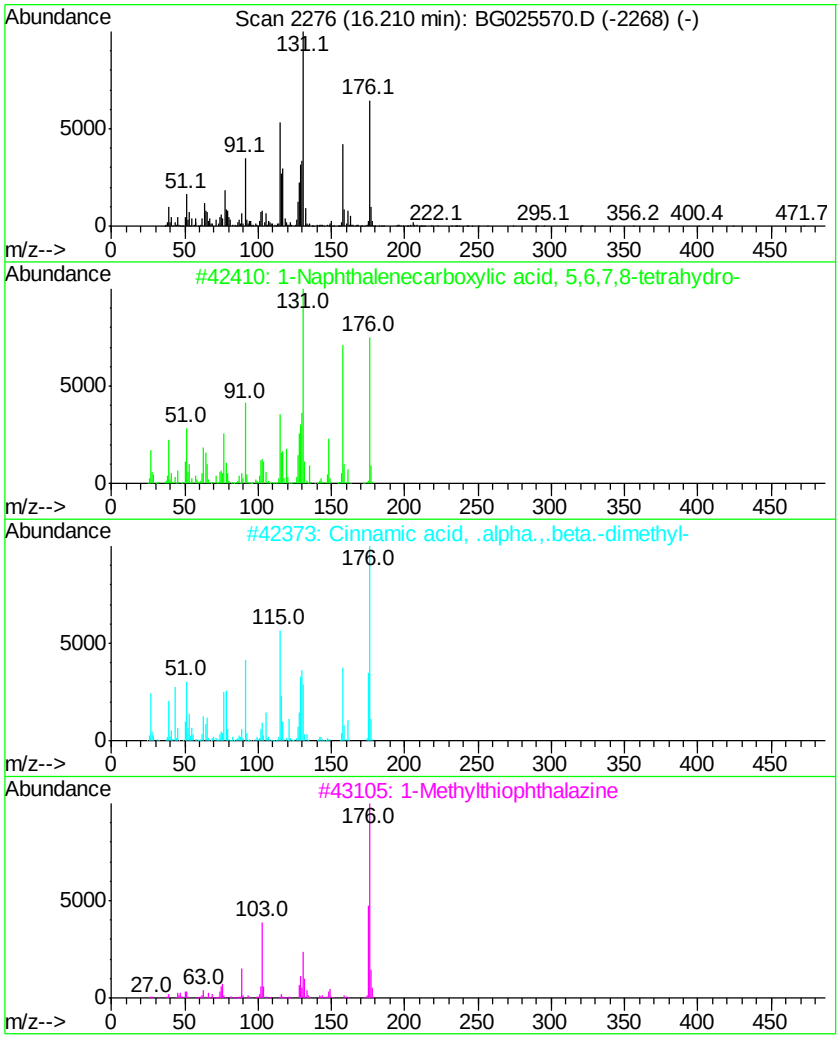
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

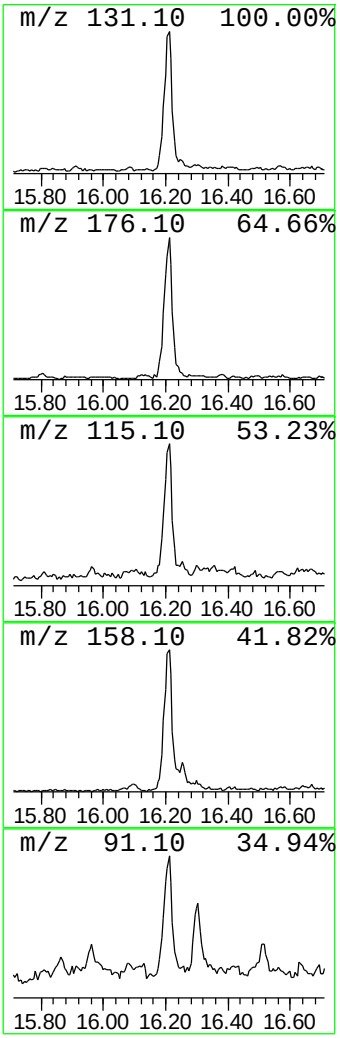
****

Peak Number 14 1-Naphthalenecarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	46.18 ng	3057260	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	94
2	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	60
3	1-Methylthiophthalazine	176	C9H8N2S	021948-74-3	46
4	1,2-Disilacyclopentane, 1,1,2,2-...	158	C7H18Si2	015003-82-4	38
5	Benzene, 1,3-bis(1-buten-3-yl-)-	186	C14H18	158117-62-5	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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

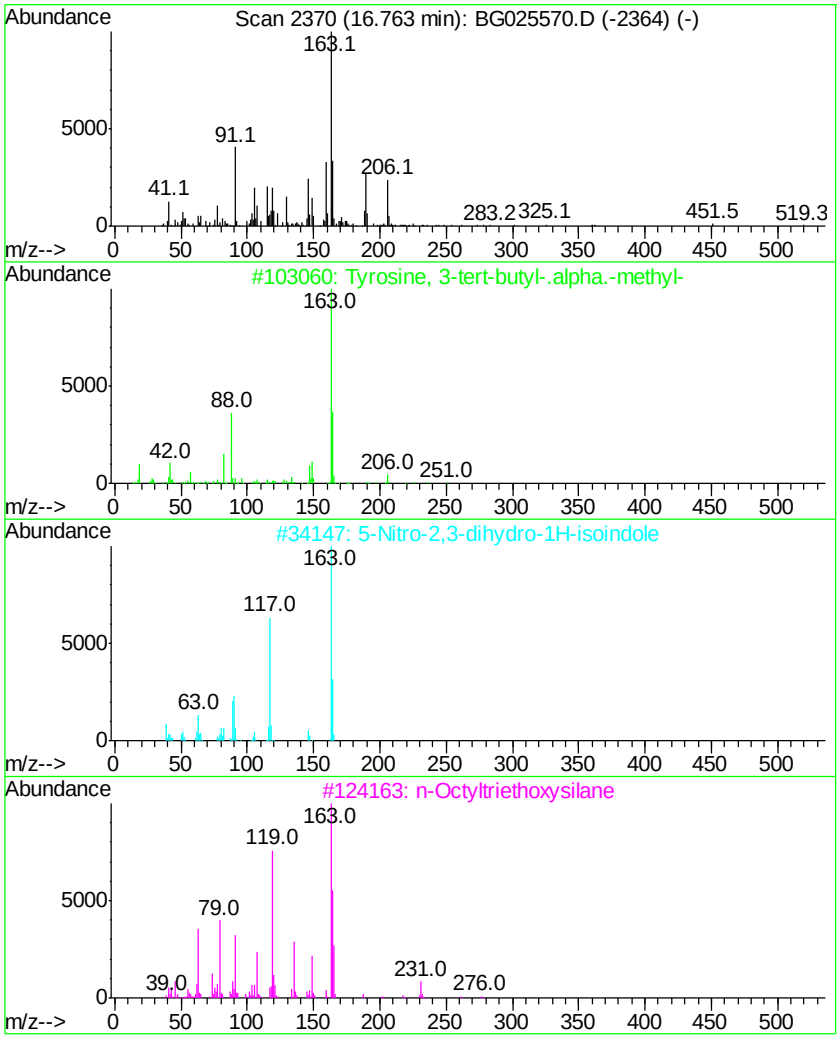
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

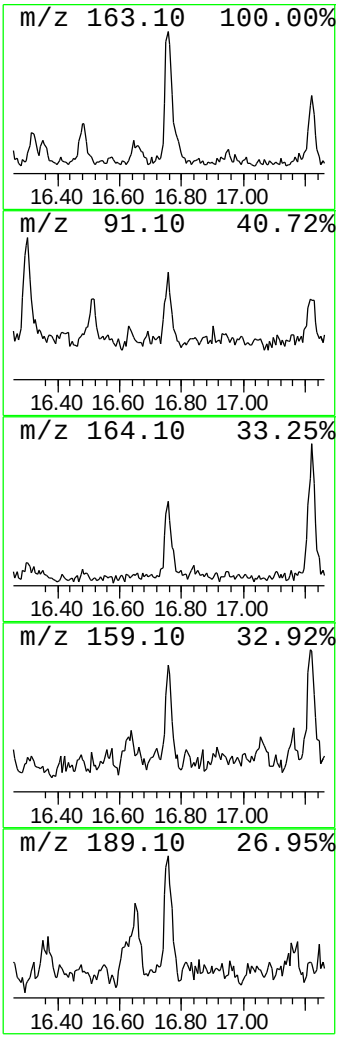
****

Peak Number 15 unknown16.76 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	12.93 ng	855782	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tyrosine, 3-tert-butyl-.alpha.-m...	251	C14H21NO3	032919-76-9	43
2	5-Nitro-2,3-dihydro-1H-isoindole	164	C8H8N2O2	1000317-87-3	38
3	n-Octyltriethoxysilane	276	C14H32O3Si	002943-75-1	37
4	Silane, triethoxypentyl-	234	C11H26O3Si	002761-24-2	35
5	Benzhydrazide, 3-nitro-N2-(2,4-d...	329	C16H15N3O5	303193-81-9	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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

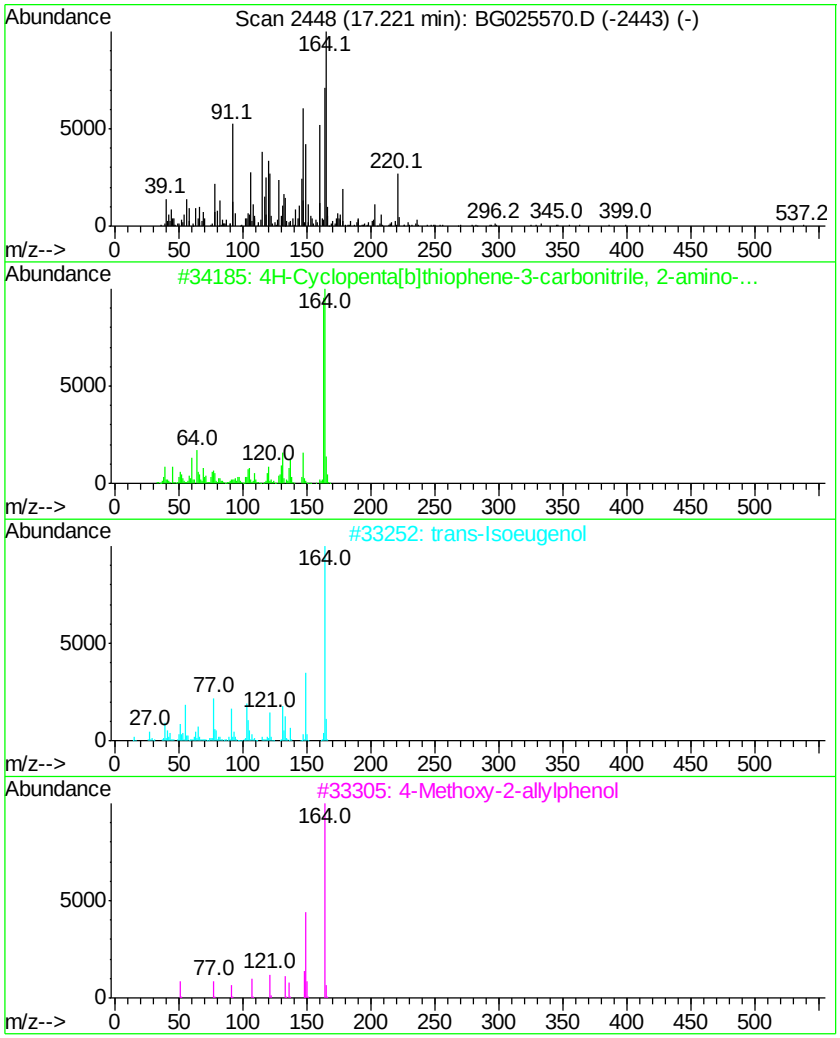
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

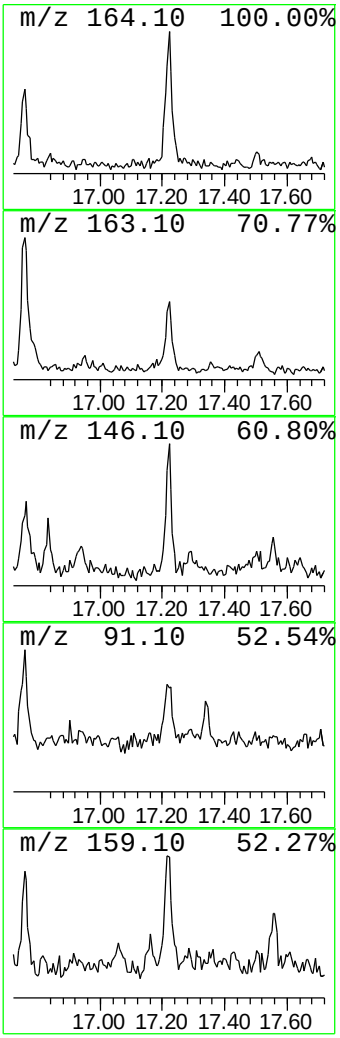
****

Peak Number 16 unknown17.22 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	10.32 ng	682914	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[b]thiophene-3-carb...	164	C8H8N2S	070291-62-2	30
2	trans-Isoeugenol	164	C10H12O2	005932-68-3	25
3	4-Methoxy-2-allylphenol	164	C10H12O2	1000306-52-7	25
4	1,3-Benzothiazol-6-amine, 2-methyl-	164	C8H8N2S	1000337-47-7	22
5	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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

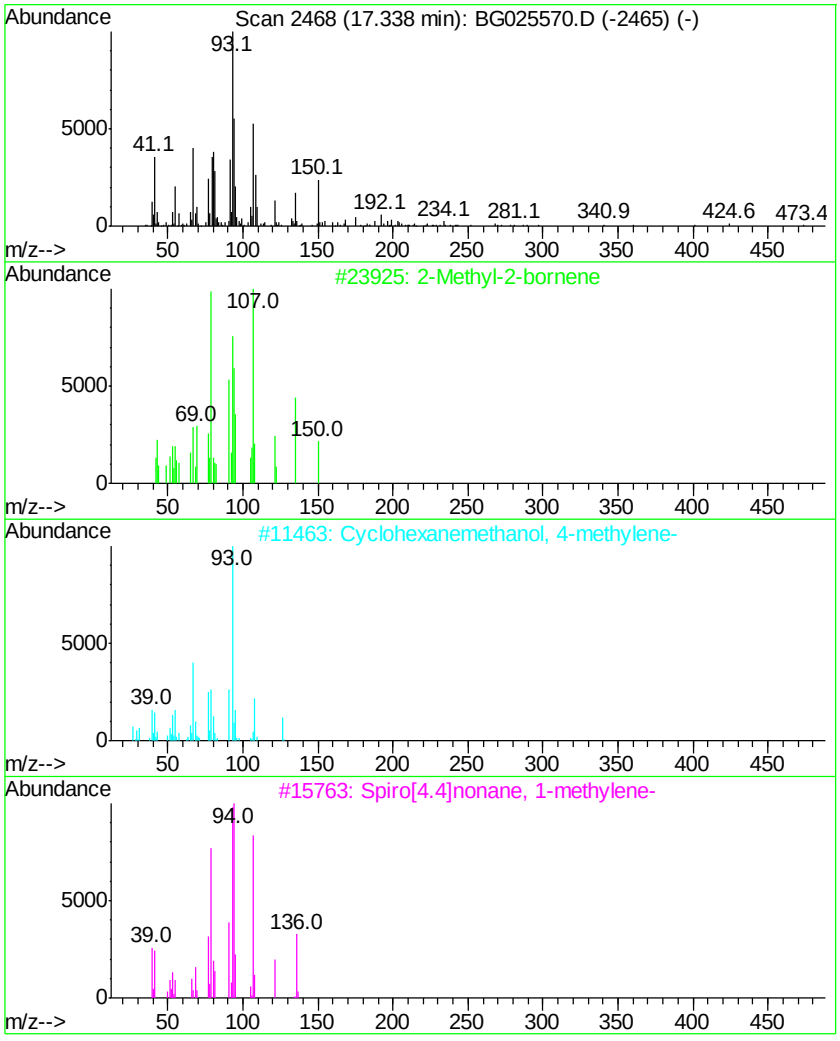
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

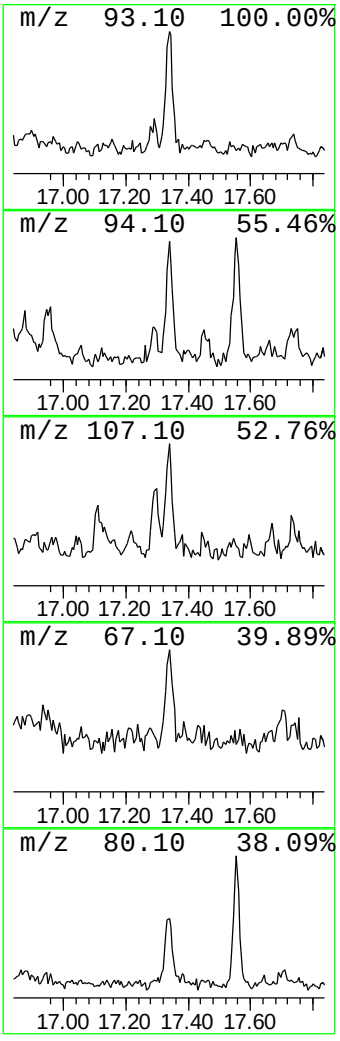
****

Peak Number 17 2-Methyl-2-bornene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	6.14 ng	406258	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-2-bornene	150	C11H18	072540-93-3	52
2	Cyclohexanemethanol, 4-methylene-	126	C8H14O	001004-24-6	47
3	Spiro[4.4]nonane, 1-methylene-	136	C10H16	019144-06-0	35
4	Acrylic acid, (5-cyclopropyliden...	180	C11H16O2	1000156-23-5	35
5	1,3-Cyclohexadiene, 5,6-dimethyl-	108	C8H12	005715-27-5	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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

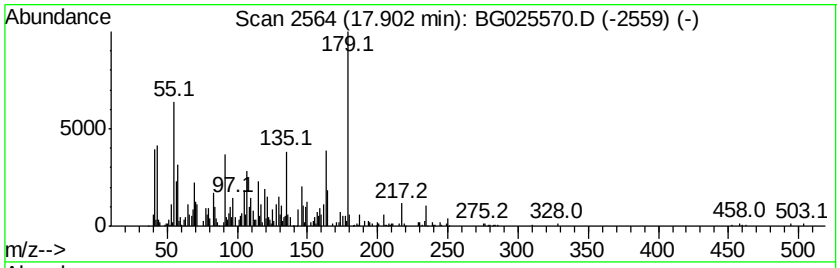
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

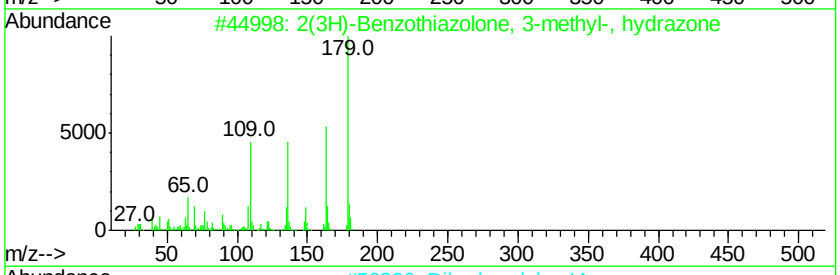
****

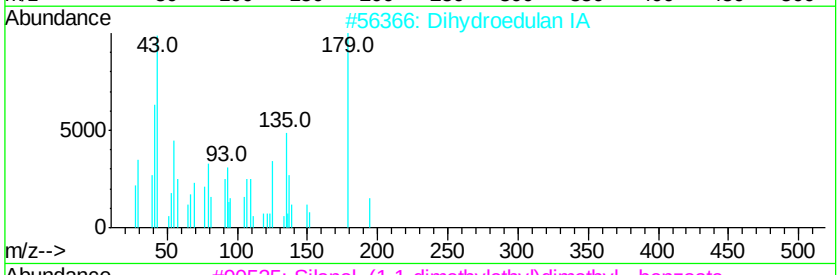
Peak Number 18 unknown17.90 Concentration Rank 14

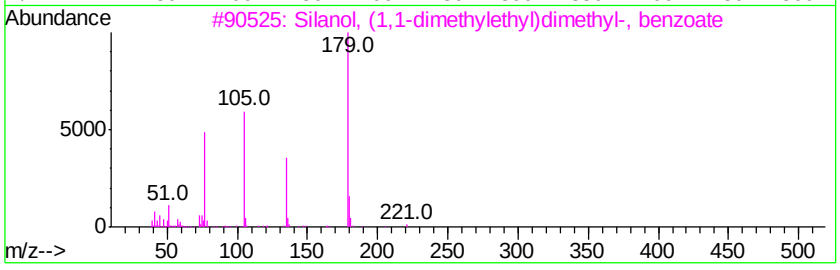
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	7.25 ng	479622	Phenanthrene-d10	17.56

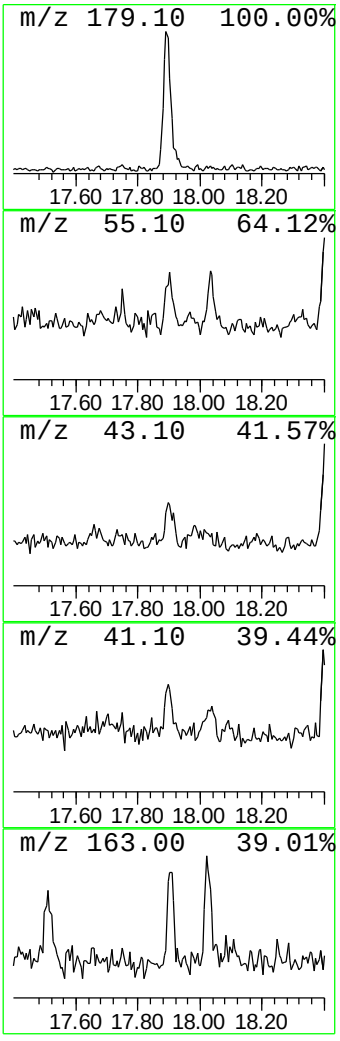
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone, 3-methyl-...	179	C8H9N3S	001128-67-2	43
2	Dihydroedulan IA	194	C13H22O	074006-61-4	37
3	Silanol, (1,1-dimethylethyl)dime...	236	C13H20O2Si	075732-41-1	32
4	6H-Purin-6-one, 2-(dimethylamino...	179	C7H9N5O	001445-15-4	32
5	.alpha.,.alpha.-Diisopropyl-o-me...	222	C14H22O2	010277-90-4	25











Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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

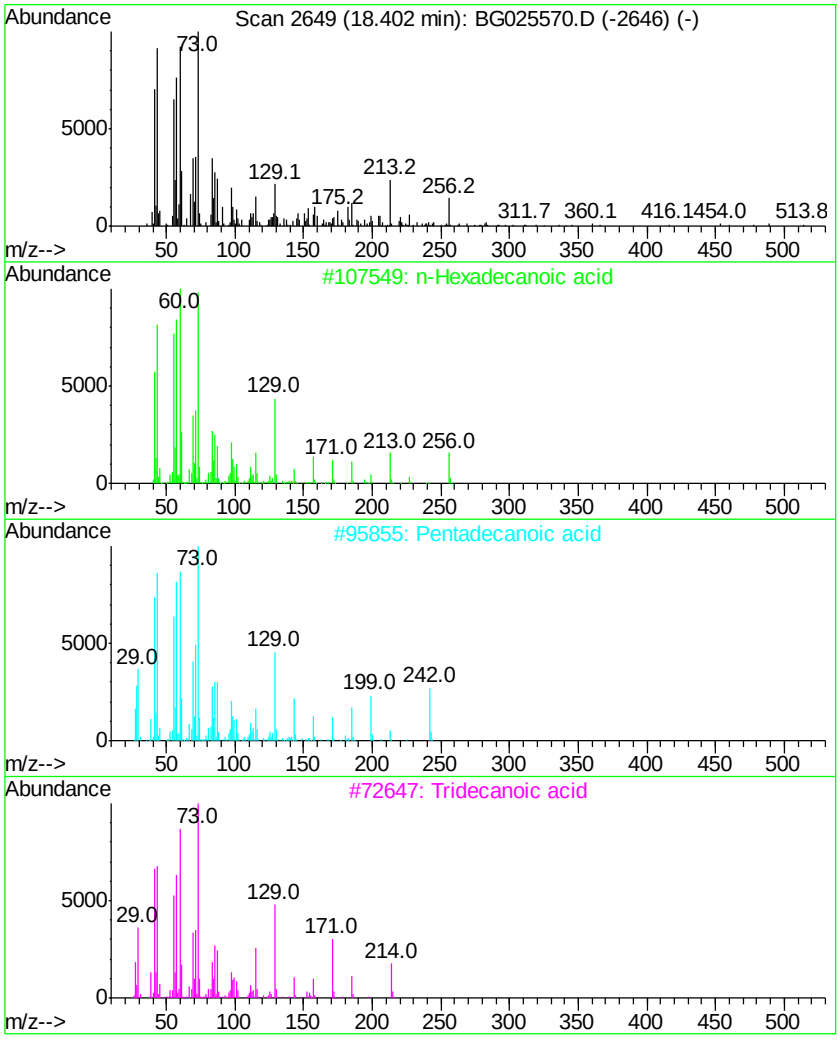
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

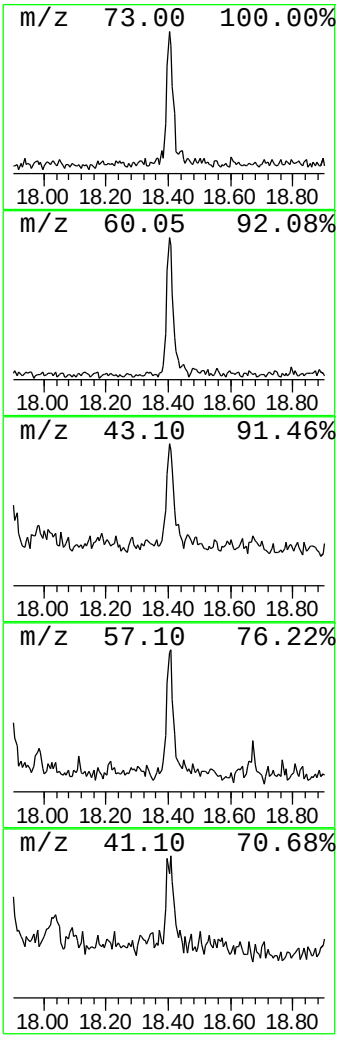
****

Peak Number 19 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	9.28 ng	614109	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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

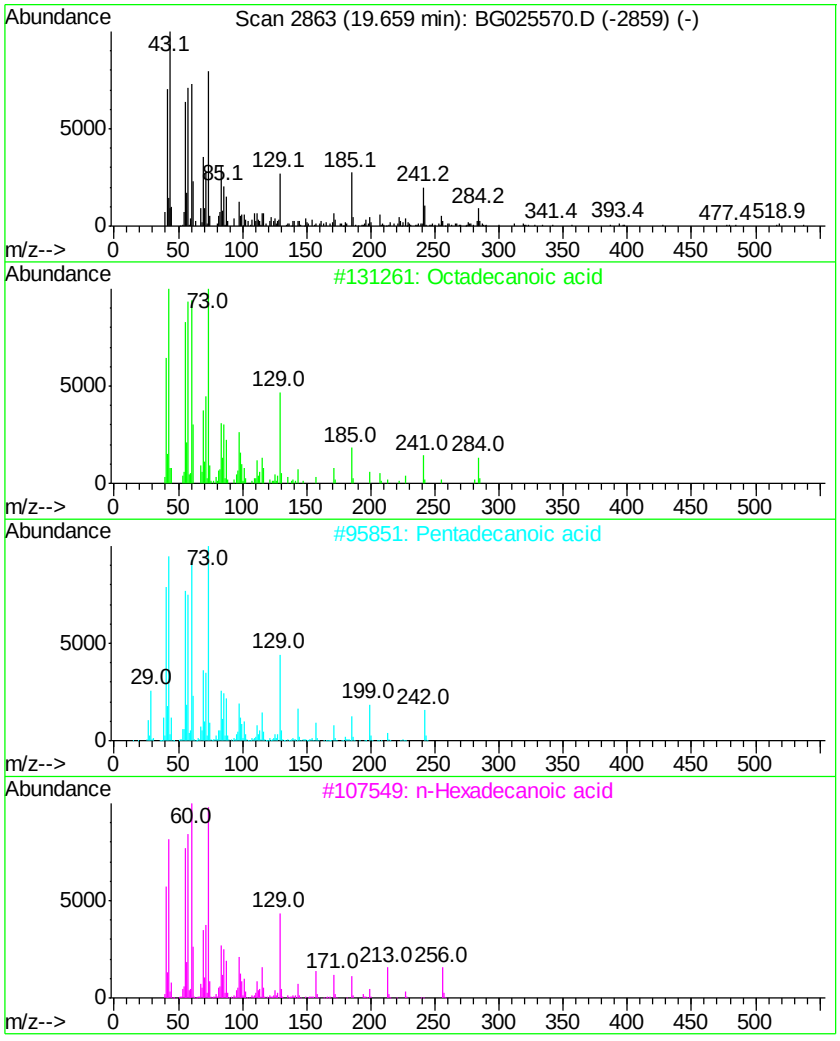
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

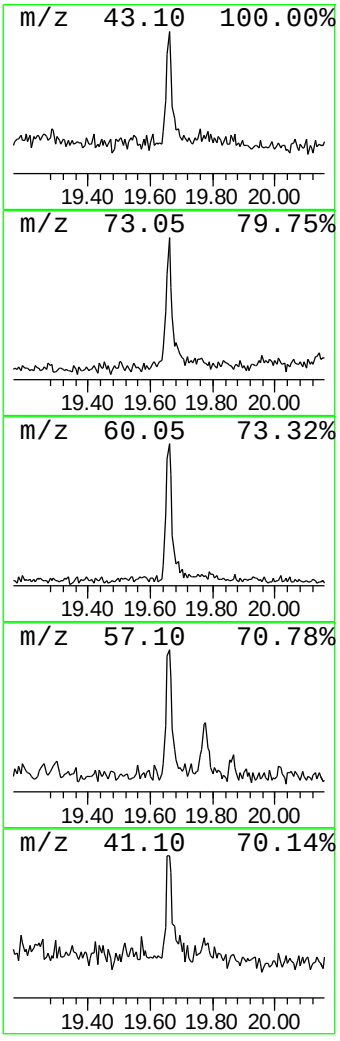
****

Peak Number 20 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	6.87 ng	454585	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012117\
Data File : BG025570.D
Acq On : 21 Jan 2017 12:43
Operator : UM/SJ
Sample : I1267-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19

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...	5.23	15.4	ng	400519	1	8.18	520772	20.0
unknown7.71	7.71	99.9	ng	2602190	1	8.18	520772	20.0
unknown9.07	9.07	8.6	ng	222526	1	8.18	520772	20.0
1-Methyl-2-methyl...	12.65	12.4	ng	536222	2	11.00	867409	20.0
Cyclohexane, (1-m...	13.16	9.8	ng	631574	3	14.81	1281820	20.0
unknown13.34	13.34	8.0	ng	509725	3	14.81	1281820	20.0
unknown13.77	13.77	7.0	ng	446178	3	14.81	1281820	20.0
unknown15.29	15.29	7.7	ng	491588	3	14.81	1281820	20.0
unknown15.38	15.38	6.0	ng	386743	3	14.81	1281820	20.0
unknown15.45	15.45	7.2	ng	461900	3	14.81	1281820	20.0
unknown15.86	15.86	15.0	ng	959293	3	14.81	1281820	20.0
unknown15.96	15.96	6.2	ng	398776	3	14.81	1281820	20.0
1-Naphthalenecarb...	16.21	46.2	ng	3057260	4	17.56	1323930	20.0
unknown16.76	16.76	12.9	ng	855782	4	17.56	1323930	20.0
unknown17.22	17.22	10.3	ng	682914	4	17.56	1323930	20.0
2-Methyl-2-bornene	17.34	6.1	ng	406258	4	17.56	1323930	20.0
unknown17.90	17.90	7.3	ng	479622	4	17.56	1323930	20.0
n-Hexadecanoic acid	18.40	9.3	ng	614109	4	17.56	1323930	20.0
Octadecanoic acid	19.66	6.9	ng	454585	4	17.56	1323930	20.0