LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020886.D
Acq On : 12 Feb 2016 10:27
Operator : SJ/UM
Sample : H1408-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-1

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-BG021116.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	3.243	64	69	79	rBV	25374	46992	5.79%	0.815%
2	3.325	79	83	92	rVB	29424	38578	4.76%	0.669%
3	5.322	417	423	431	rBV	20257	30013	3.70%	0.520%
4	5.798	498	504	513	rVB	71362	110844	13.66%	1.922%
5	7.408	771	778	788	rVB	45864	78427	9.67%	1.360%
6	7.796	837	844	851	rBV	155042	257250	31.71%	4.460%
7	8.266	915	924	931	rBV	55476	93232	11.49%	1.617%
8	8.594	973	980	991	rVB	158153	271524	33.47%	4.708%
9	9.440	1116	1124	1133	rVV	125999	233620	28.80%	4.051%
10	9.529	1135	1139	1147	rVB4	7054	12867	1.59%	0.223%
11	10.275	1260	1266	1273	rBV4	4114	8616	1.06%	0.149%
12	10.786	1345	1353	1356	rBV6	4597	10695	1.32%	0.185%
13	10.944	1375	1380	1388	rBV8	3411	8490	1.05%	0.147%
14	11.097	1393	1406	1413	rBV	96669	194084	23.93%	3.365%
15	11.197	1418	1423	1430	rVB3	10064	18048	2.22%	0.313%
16	11.461	1460	1468	1473	rBV7	4149	9804	1.21%	0.170%
17	11.561	1480	1485	1489	rVB3	5756	8677	1.07%	0.150%
18	11.673	1499	1504	1509	rVB3	7425	11376	1.40%	0.197%
19	11.778	1517	1522	1529	rVB7	5482	11116	1.37%	0.193%
20	11.919	1540	1546	1550	rVV6	4282	8405	1.04%	0.146%
21	11.990	1550	1558	1563	rVV4	6842	13354	1.65%	0.232%
22	12.119	1575	1580	1586	rVV4	5793	10412	1.28%	0.181%
23	12.184	1586	1591	1599	rVV4	7498	15631	1.93%	0.271%
24	12.260	1600	1604	1610	rVB8	4664	9217	1.14%	0.160%
25	12.618	1661	1665	1670	rVB6	12201	22413	2.76%	0.389%
26	12.689	1670	1677	1682	rBV7	9657	27040	3.33%	0.469%
27	12.812	1693	1698	1705	rBV8	6263	16531	2.04%	0.287%
28	12.942	1713	1720	1721	rBV6	6831	12508	1.54%	0.217%
29	12.971	1721	1725	1730	rVB5	15601	27363	3.37%	0.474%
30	13.271	1775	1776	1782	rVB4	8334	10298	1.27%	0.179%
31	13.341	1782	1788	1790	rBV7	5556	11049	1.36%	0.192%
32	13.370	1790	1793	1799	rVV8	7659	13438	1.66%	0.233%
33	13.511	1810	1817	1823	rBV	464810	688062	84.82%	11.930%
34	13.688	1842	1847	1854	rBV10	4528	11305	1.39%	0.196%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020886.D
Acq On : 12 Feb 2016 10:27
Operator : SJ/UM
Sample : H1408-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-1

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-BG021116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.764	1855	1860	1865	rBV7	6925	13026	1.61%	0.226%
36	13.829	1865	1871	1875	rVV3	17235	36119	4.45%	0.626%
37	13.881	1877	1880	1887	rVB8	6969	15268	1.88%	0.265%
38	13.970	1892	1895	1901	rVB8	4222	8273	1.02%	0.143%
39	14.099	1915	1917	1923	rVB7	6864	10522	1.30%	0.182%
40	14.210	1928	1936	1941	rBV4	36138	75024	9.25%	1.301%
41	14.322	1950	1955	1960	rVB	65400	91208	11.24%	1.581%
42	14.440	1971	1975	1978	rBV2	12019	20050	2.47%	0.348%
43	14.592	1996	2001	2007	rVB6	12813	27476	3.39%	0.476%
44	14.680	2012	2016	2023	rVB9	8836	20129	2.48%	0.349%
45	14.880	2042	2050	2056	rBV2	163641	287622	35.46%	4.987%
46	14.945	2057	2061	2066	rVB2	19497	33468	4.13%	0.580%
47	15.186	2099	2102	2106	rBV6	9615	15454	1.91%	0.268%
48	15.344	2126	2129	2138	rVB6	13843	24420	3.01%	0.423%
49	15.421	2138	2142	2143	rBV4	14437	16903	2.08%	0.293%
50	15.491	2149	2154	2160	rBV8	16799	35998	4.44%	0.624%
51	15.691	2185	2188	2192	rVB3	23995	32273	3.98%	0.560%
52	15.914	2221	2226	2231	rBV3	22598	45811	5.65%	0.794%
53	16.231	2276	2280	2287	rVB2	29472	57165	7.05%	0.991%
54	16.360	2296	2302	2314	rVB	271381	428200	52.79%	7.425%
55	16.554	2332	2335	2338	rBV	19751	25051	3.09%	0.434%
56	16.595	2338	2342	2352	rVB	50715	95085	11.72%	1.649%
57	17.347	2466	2470	2474	rVB	20967	27666	3.41%	0.480%
58	17.618	2510	2516	2523	rBV2	201375	307994	37.97%	5.340%
59	18.481	2659	2663	2671	rBV	36740	64809	7.99%	1.124%
60	19.879	2899	2901	2908	rVB6	12429	20302	2.50%	0.352%
61	19.997	2917	2921	2927	rVB3	11830	23834	2.94%	0.413%
62	20.196	2950	2955	2961	rVB	633001	811204	100.00%	14.066%
63	20.978	3086	3088	3092	rVB4	8014	9133	1.13%	0.158%
64	21.501	3173	3177	3186	rBV2	50068	84538	10.42%	1.466%
65	21.900	3239	3245	3252	rVB	209280	338406	41.72%	5.868%
66	25.284	3812	3821	3832	rVB2	105584	313607	38.66%	5.438%

Sum of corrected areas: 5767317

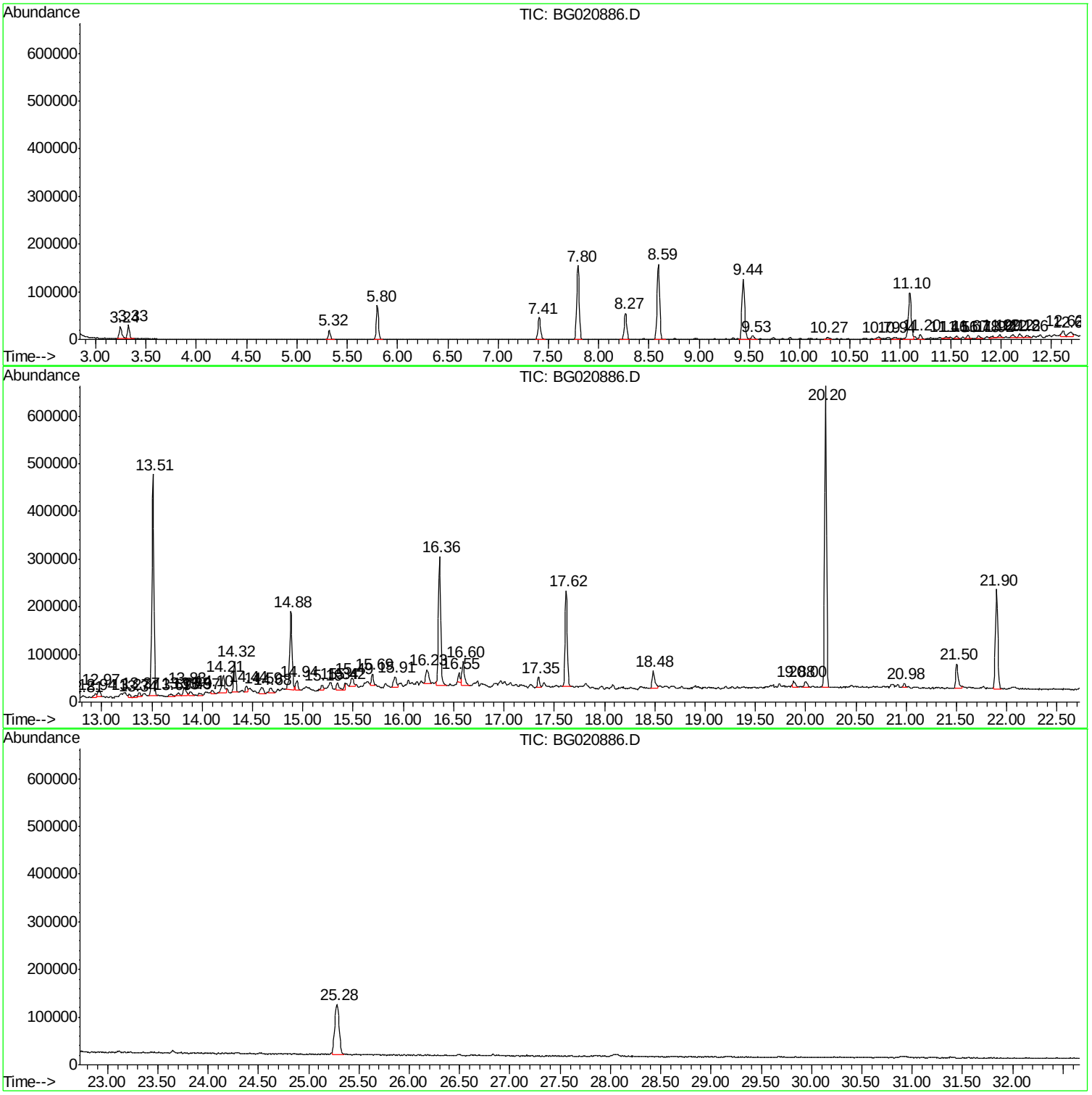
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020886.D
Acq On : 12 Feb 2016 10:27
Operator : SJ/UM
Sample : H1408-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020886.D
Acq On : 12 Feb 2016 10:27
Operator : SJ/UM
Sample : H1408-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

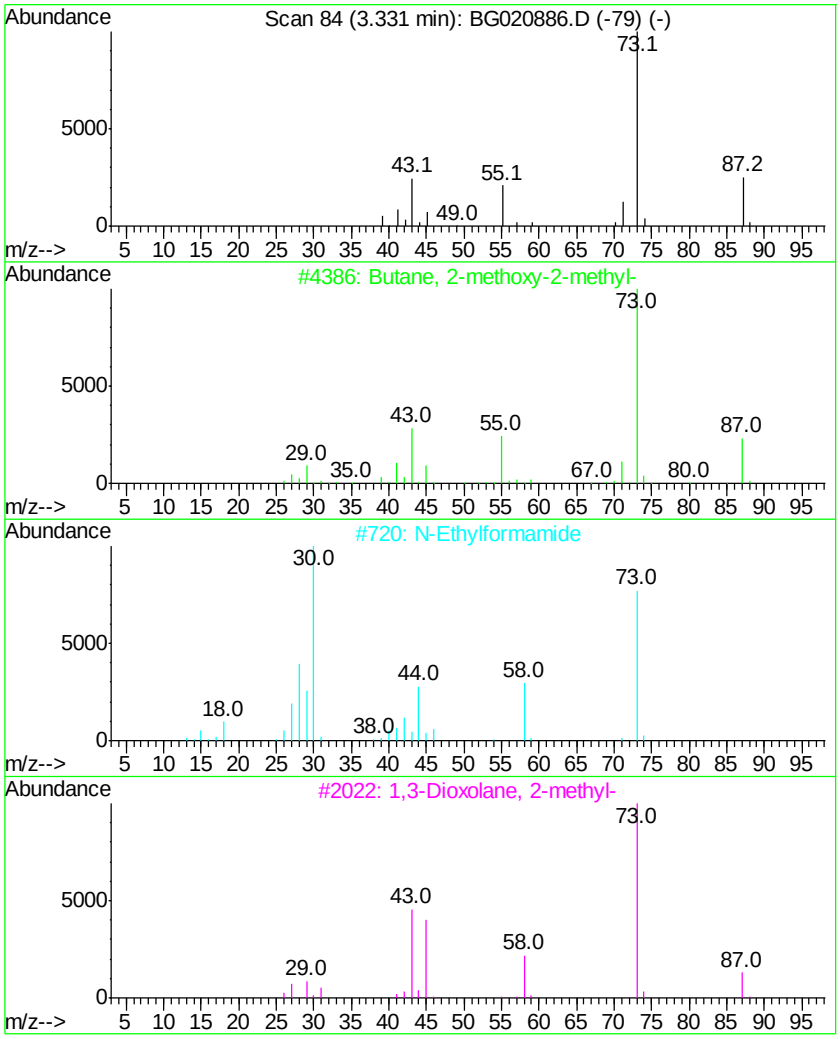
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

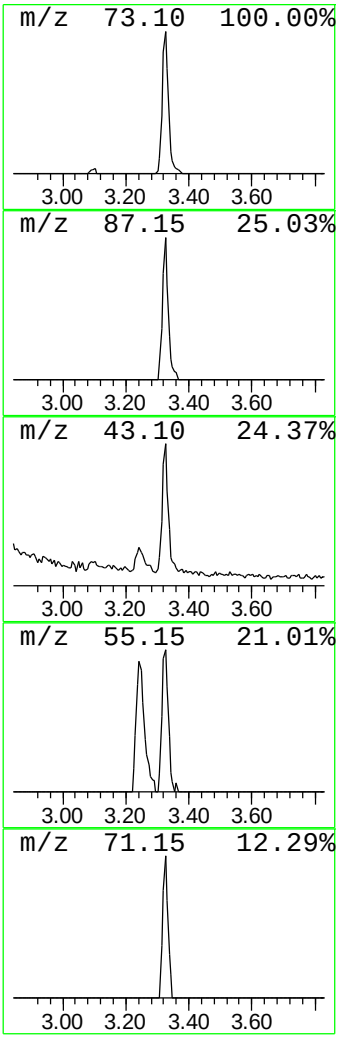
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	8.28 ng	38578	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020886.D
Acq On : 12 Feb 2016 10:27
Operator : SJ/UM
Sample : H1408-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

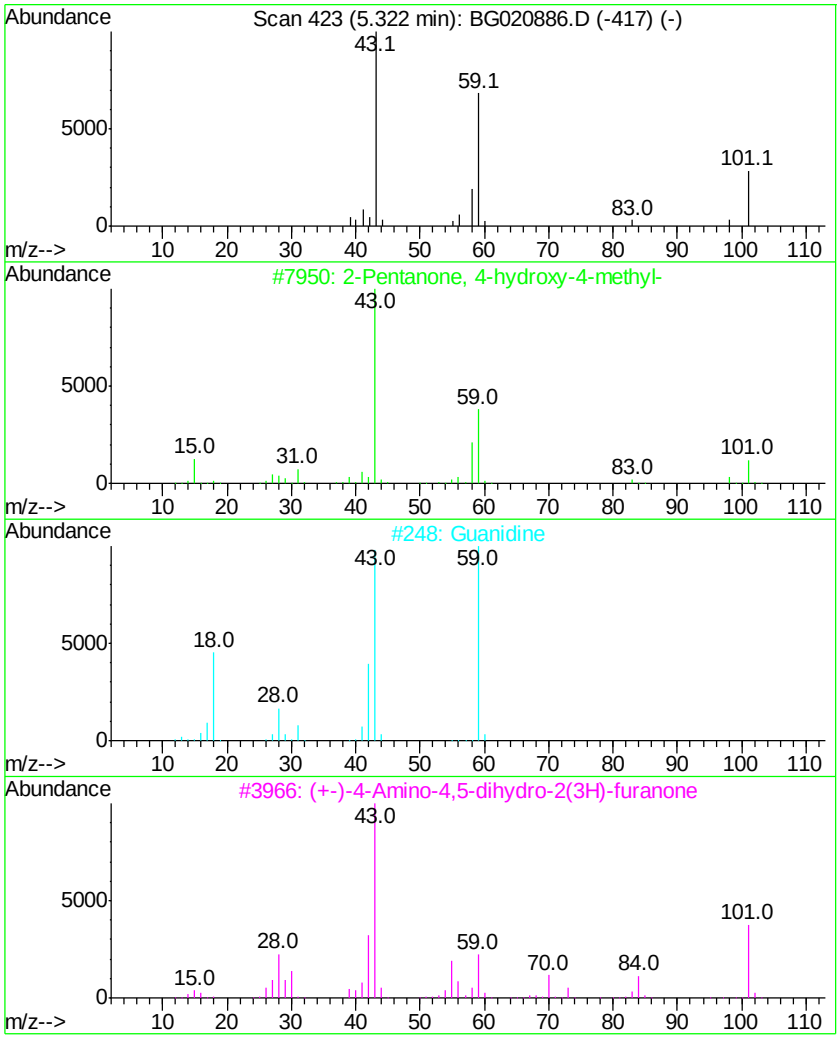
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

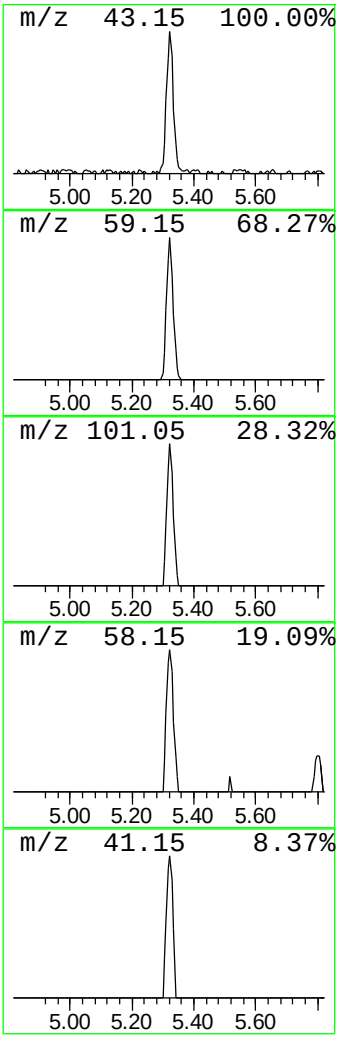
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	6.44 ng	30013	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Guanidine	59	CH5N3	000113-00-8	38
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	25
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020886.D
Acq On : 12 Feb 2016 10:27
Operator : SJ/UM
Sample : H1408-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

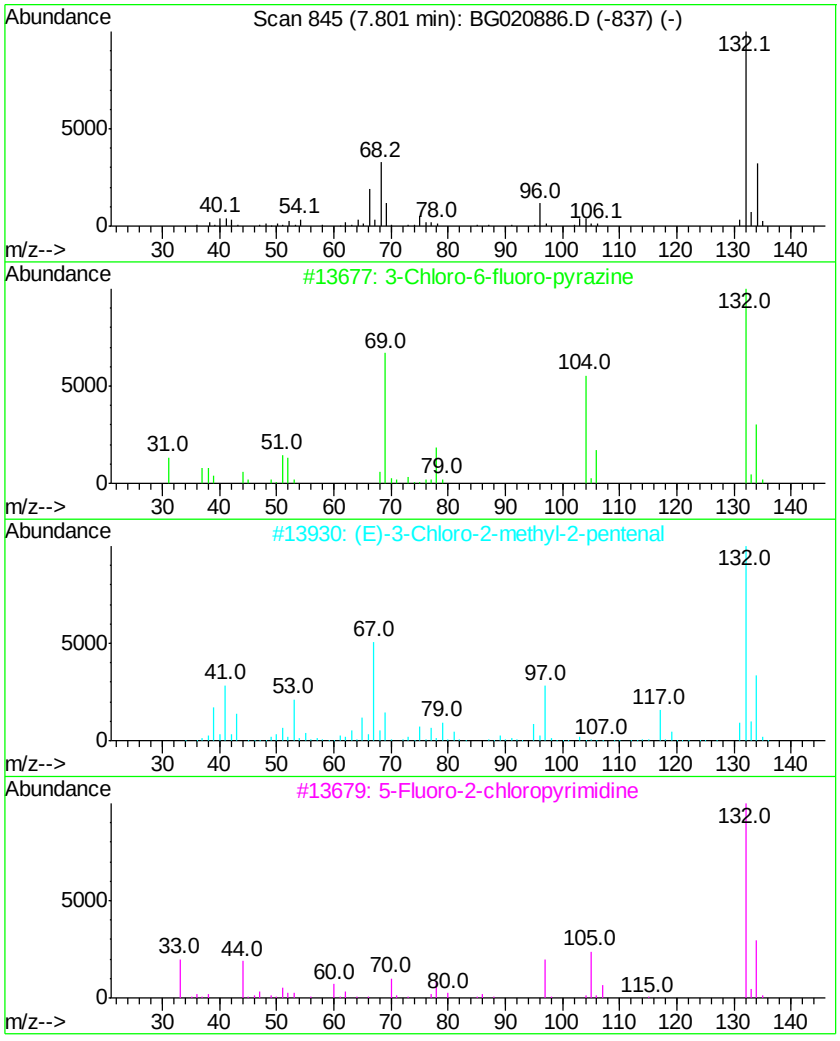
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

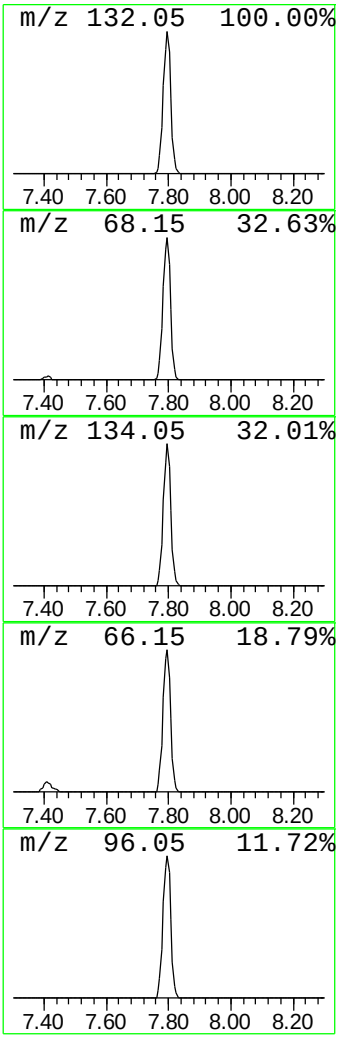
****

Peak Number 4 unknown7.80 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	55.18 ng	257250	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020886.D
Acq On : 12 Feb 2016 10:27
Operator : SJ/UM
Sample : H1408-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

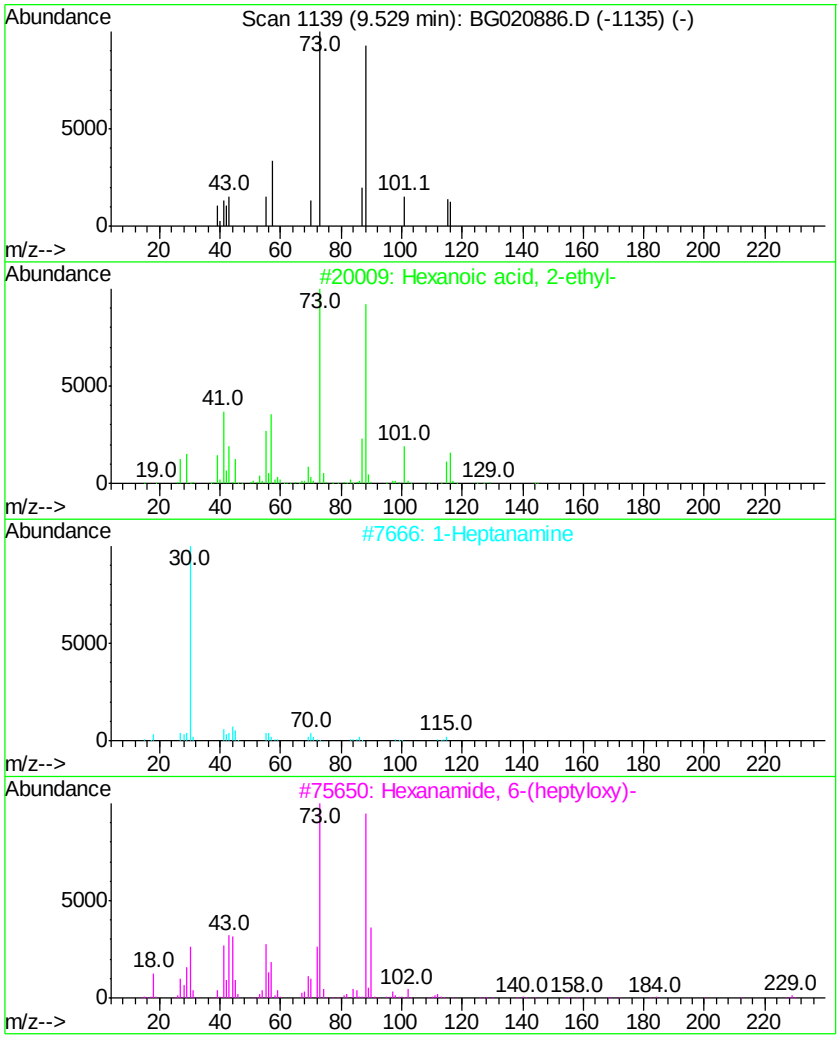
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

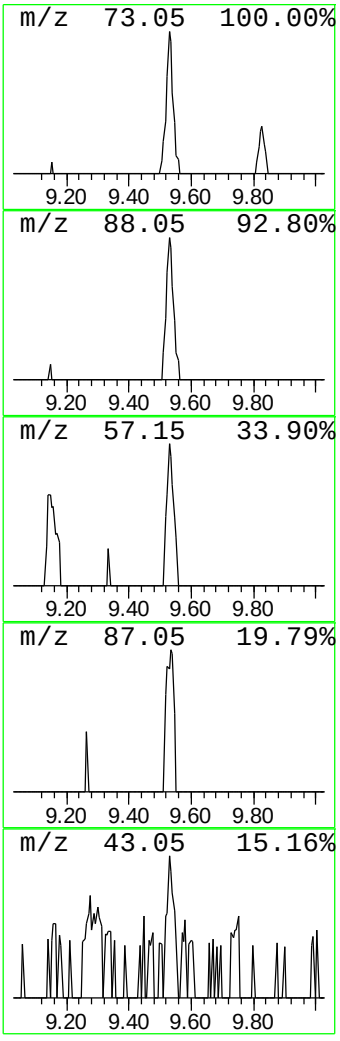
****

Peak Number 6 Hexanoic acid, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	2.76 ng	12867	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	1-Heptanamine	115	C7H17N	000111-68-2	9
3	Hexanamide, 6-(heptyloxy)-	229	C13H27NO2	055191-08-7	9
4	5-(Methylamino)-1,2,3,4-thiatria...	116	C2H4N4S	052098-72-3	7
5	1-Butanamine, 2-methyl-	87	C5H13N	000096-15-1	7





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020886.D
Acq On : 12 Feb 2016 10:27
Operator : SJ/UM
Sample : H1408-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

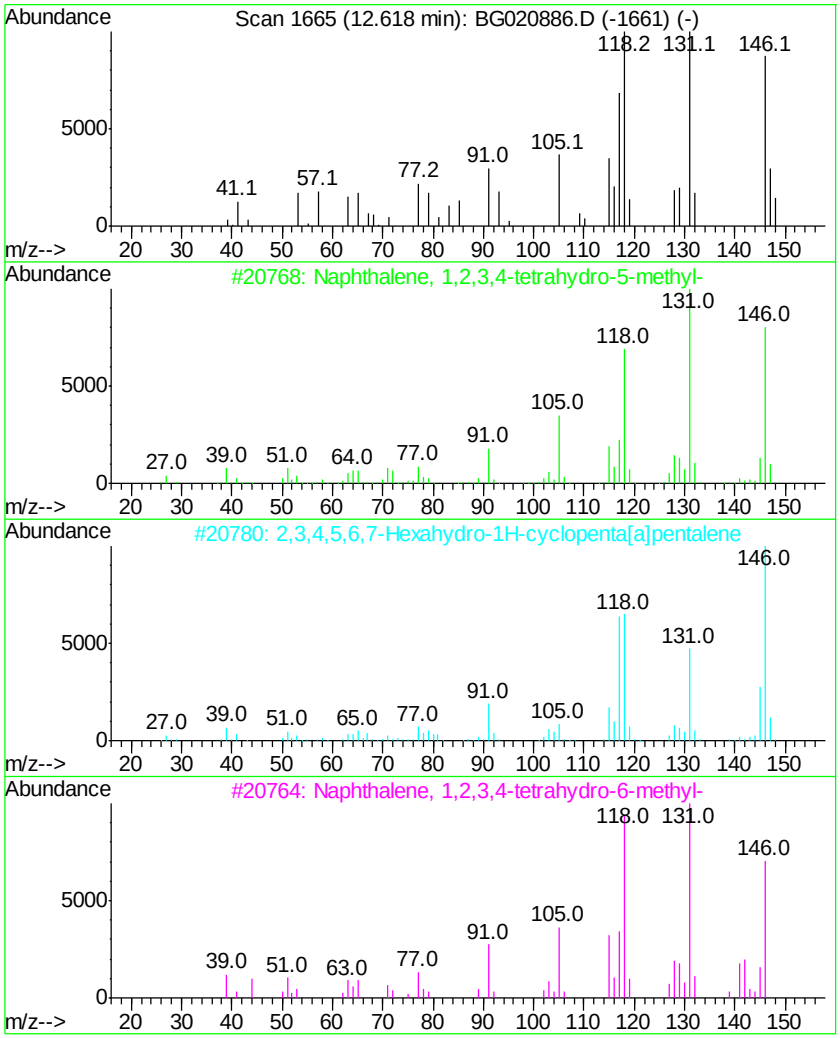
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

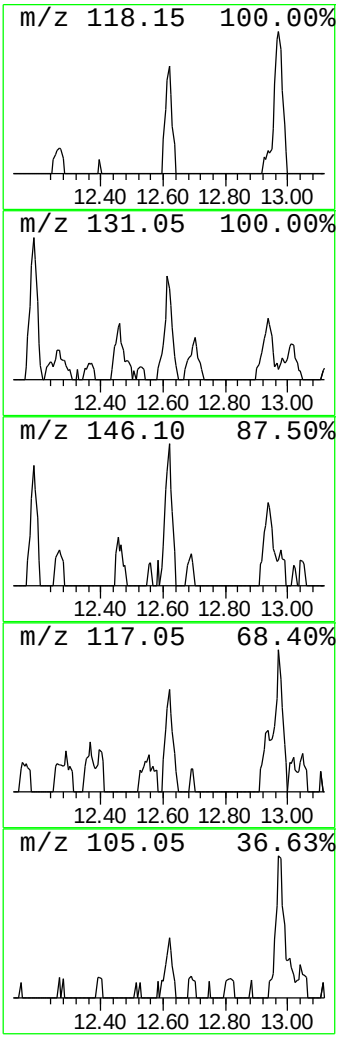
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	2.31 ng	22413	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	83
2	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	83
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	58
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020886.D
Acq On : 12 Feb 2016 10:27
Operator : SJ/UM
Sample : H1408-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

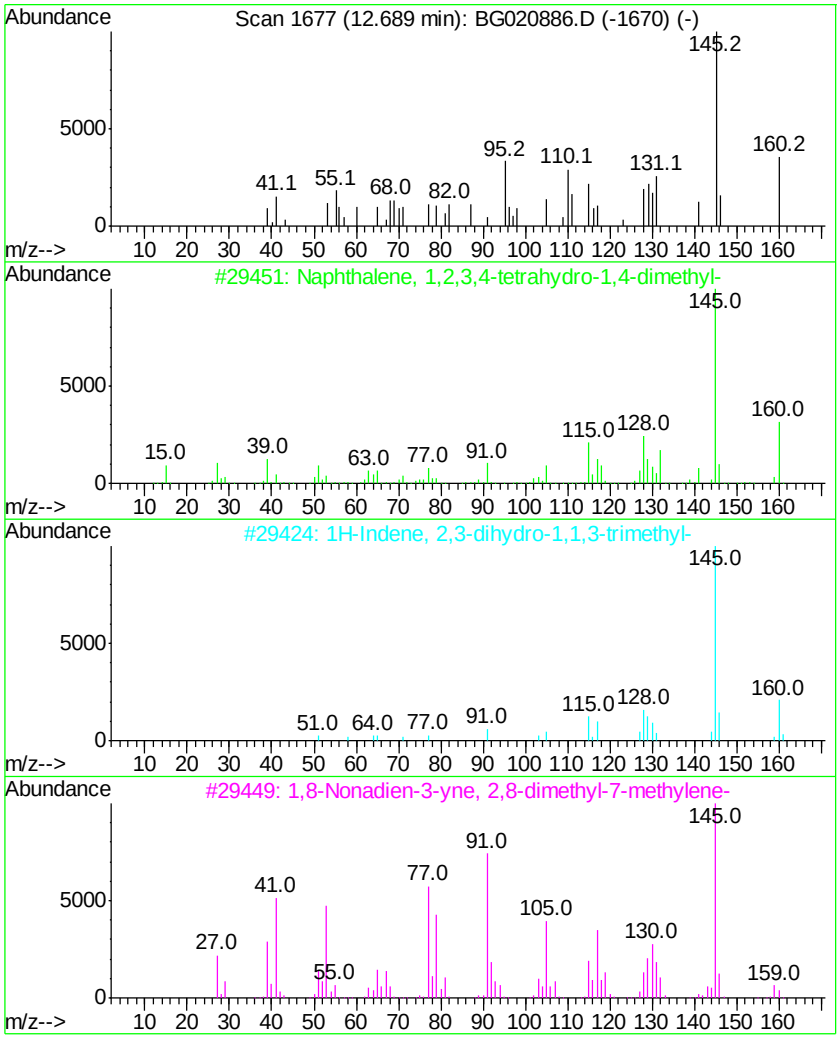
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

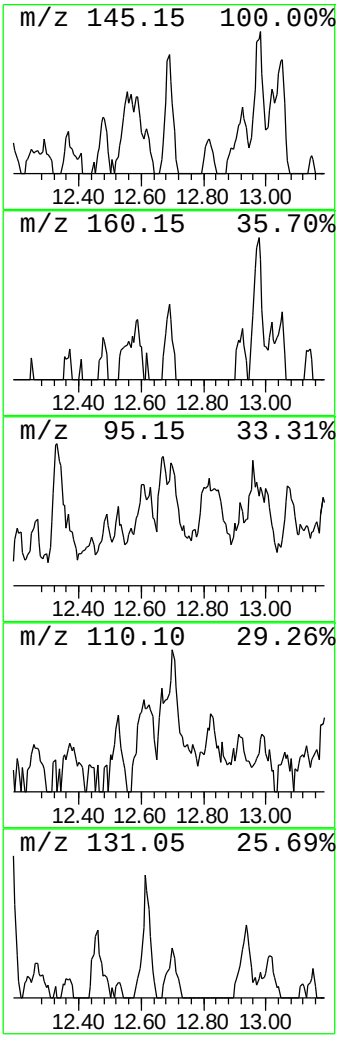
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	2.79 ng	27040	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	52
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	50
3	1,8-Nonadien-3-yne, 2,8-dimethyl...	160	C12H16	076003-41-3	40
4	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	38
5	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	37





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020886.D
Acq On : 12 Feb 2016 10:27
Operator : SJ/UM
Sample : H1408-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

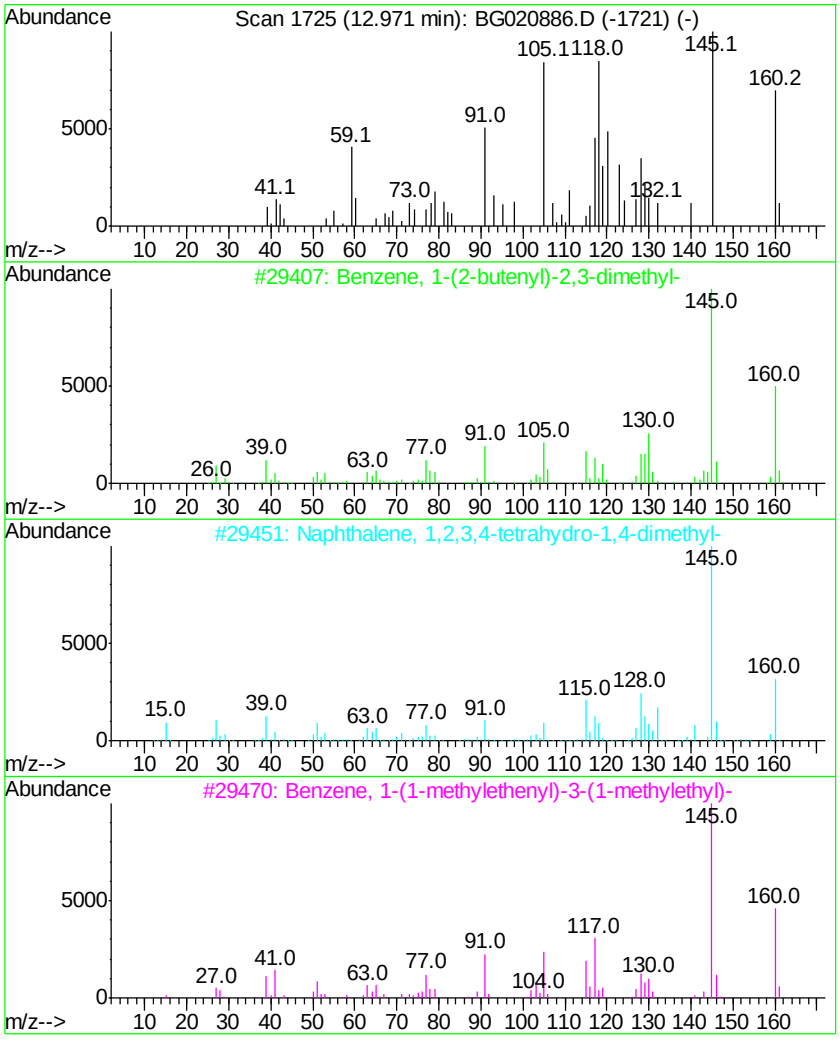
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

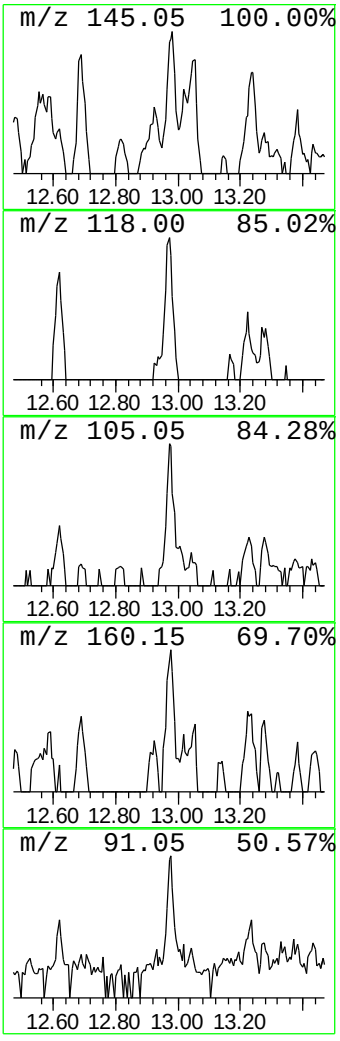
****

Peak Number 9 unknown12.97 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.82 ng	27363	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	49
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	46
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	38
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	27
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	25





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020886.D
Acq On : 12 Feb 2016 10:27
Operator : SJ/UM
Sample : H1408-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

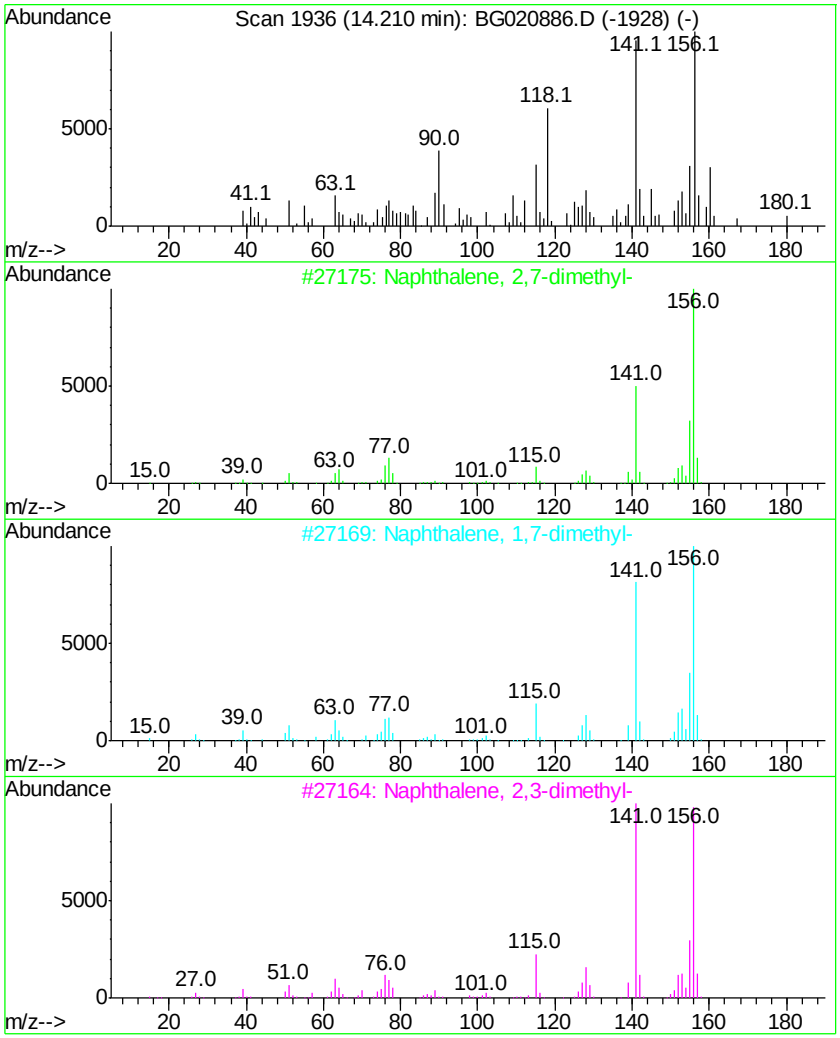
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

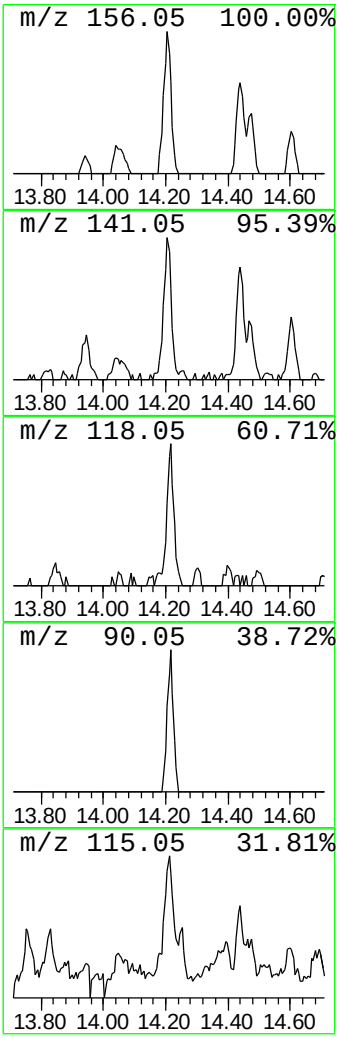
****

Peak Number 11 Naphthalene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	5.22 ng	75024	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	92
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	87
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020886.D
Acq On : 12 Feb 2016 10:27
Operator : SJ/UM
Sample : H1408-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

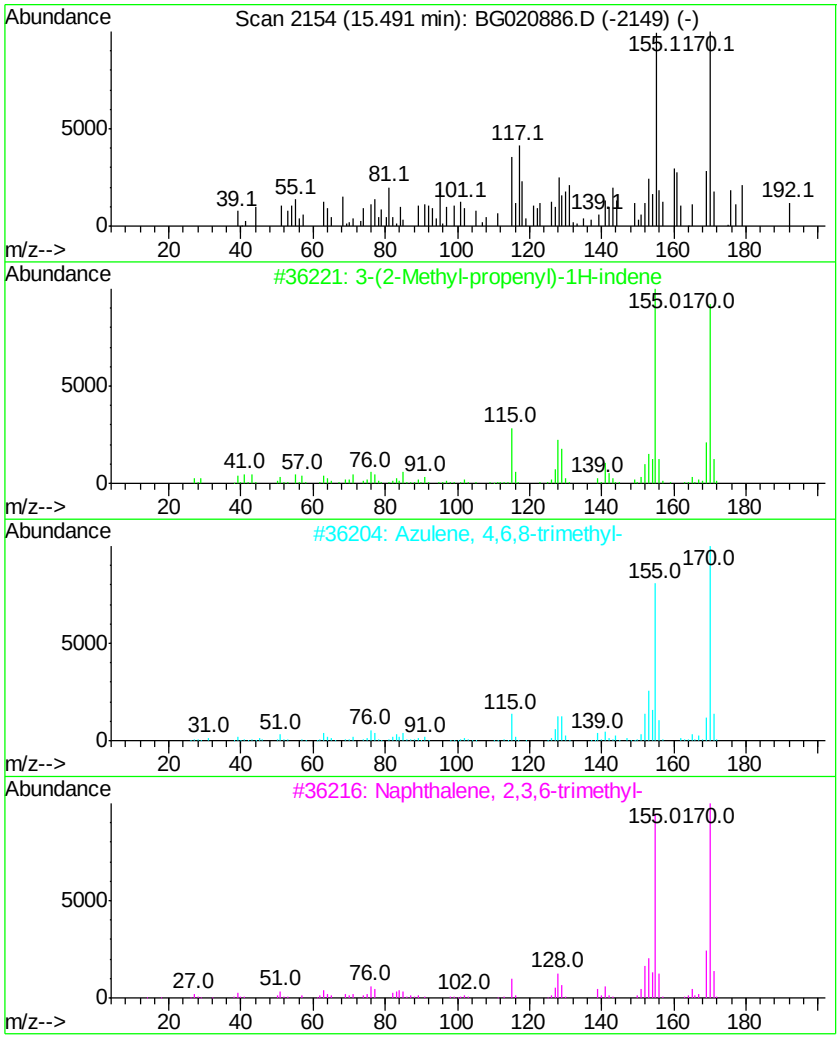
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

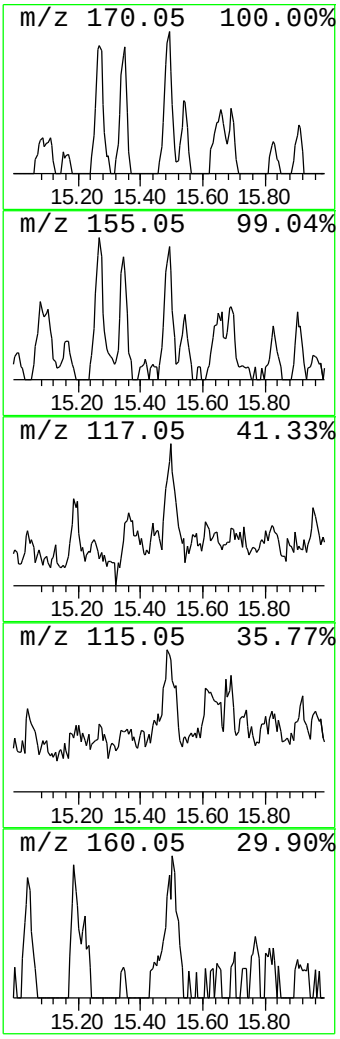
****

Peak Number 13 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.50 ng	35998	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
2	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	90
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	78





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020886.D
Acq On : 12 Feb 2016 10:27
Operator : SJ/UM
Sample : H1408-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

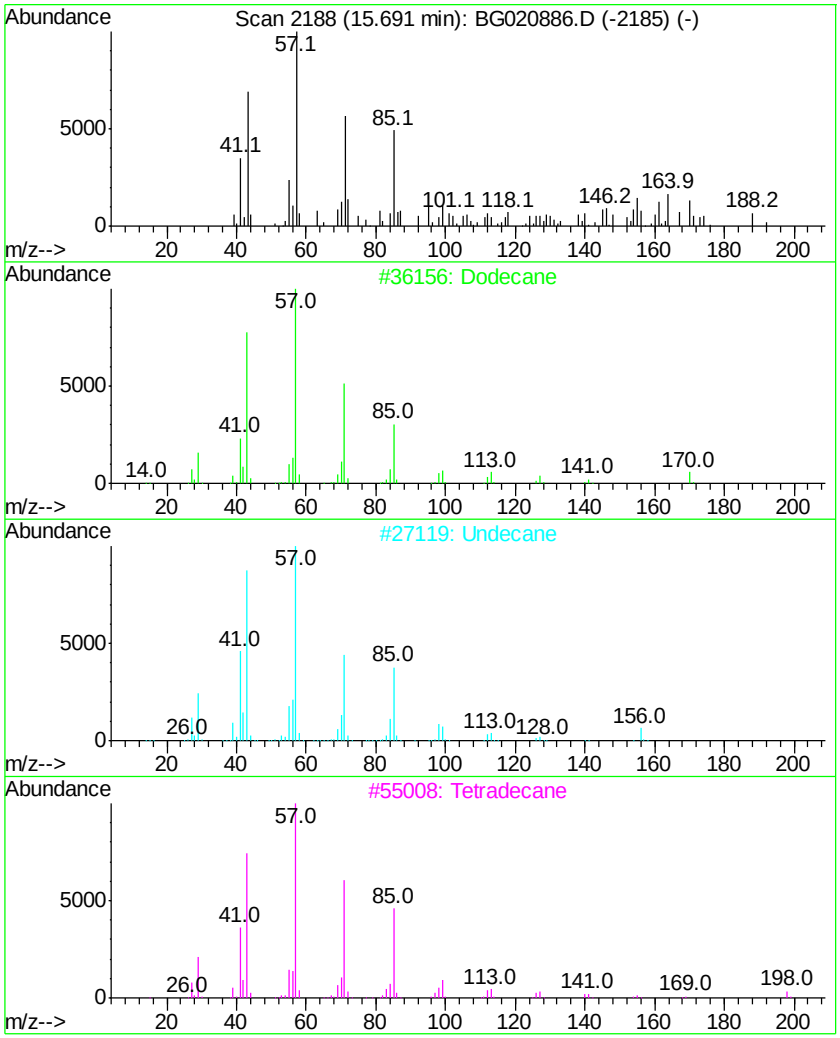
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

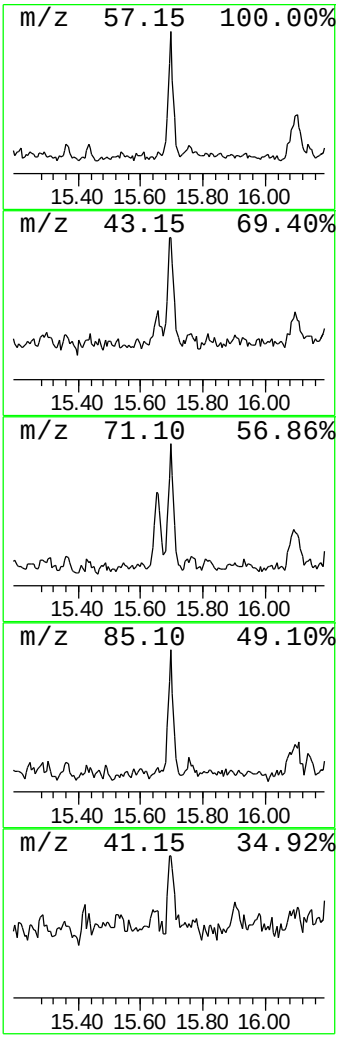
****

Peak Number 14 Dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	2.24 ng	32273	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	52
2	Undecane	156	C11H24	001120-21-4	49
3	Tetradecane	198	C14H30	000629-59-4	49
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	47
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	47





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020886.D
Acq On : 12 Feb 2016 10:27
Operator : SJ/UM
Sample : H1408-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

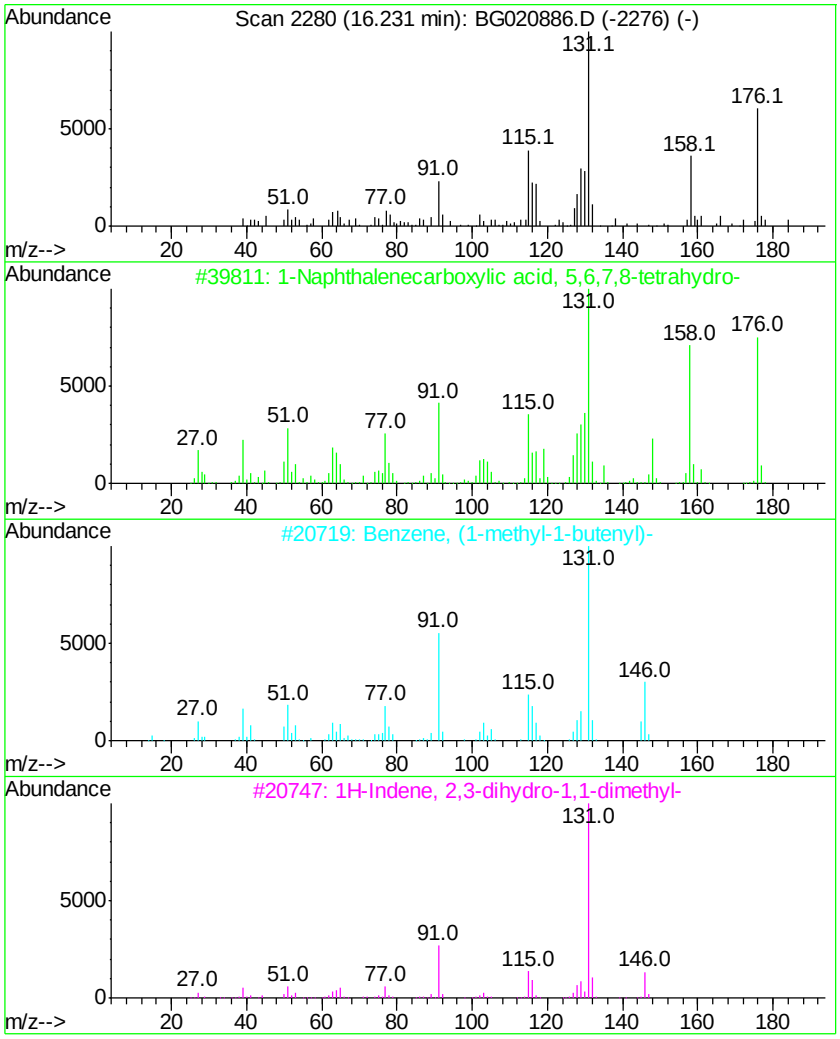
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

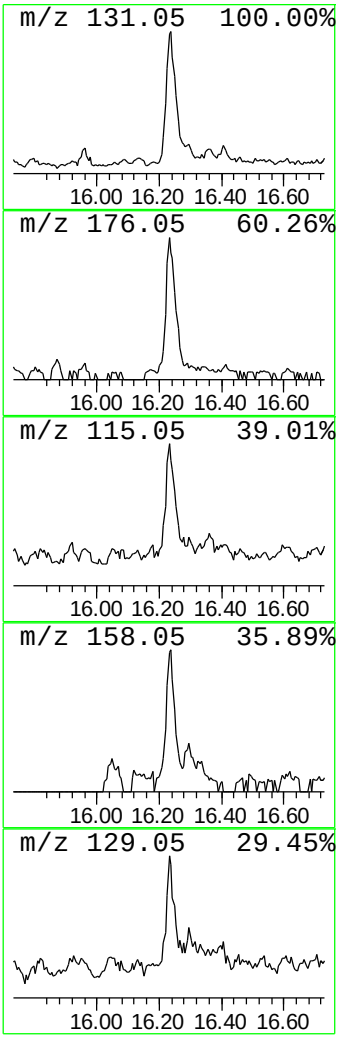
****

Peak Number 16 1-Naphthalenecarboxylic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	3.98 ng	57165	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	59
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	47
4	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	38
5	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	38





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020886.D
Acq On : 12 Feb 2016 10:27
Operator : SJ/UM
Sample : H1408-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

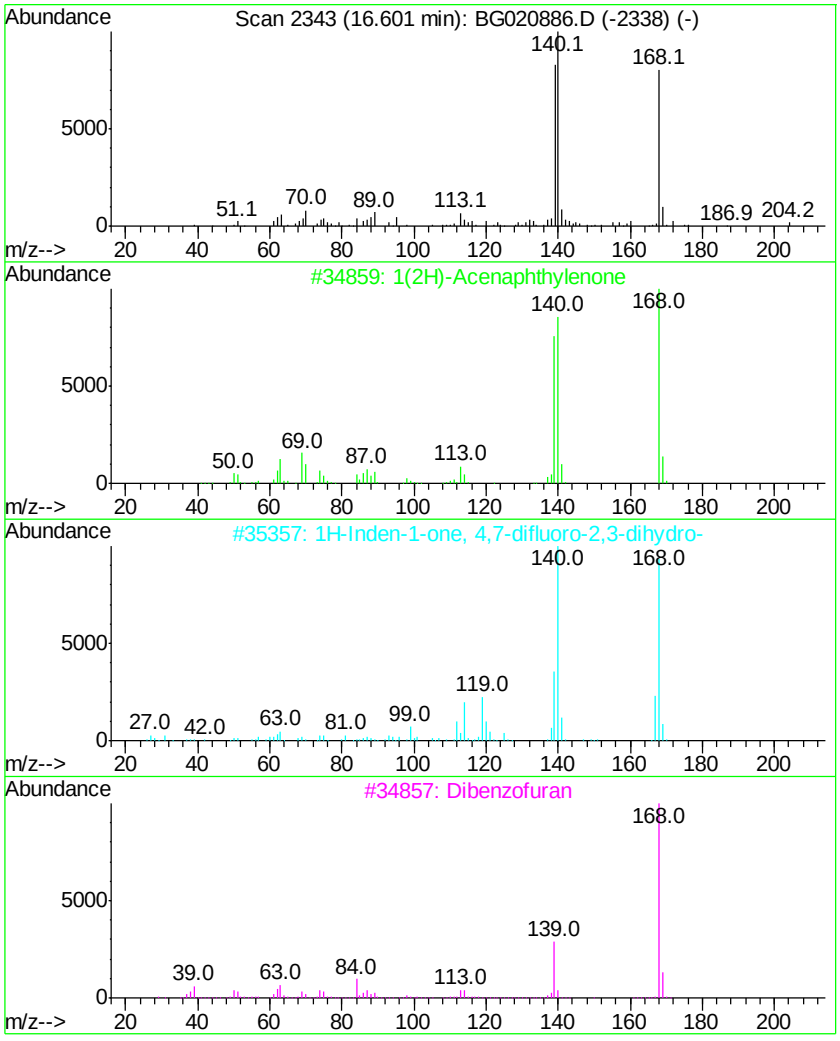
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

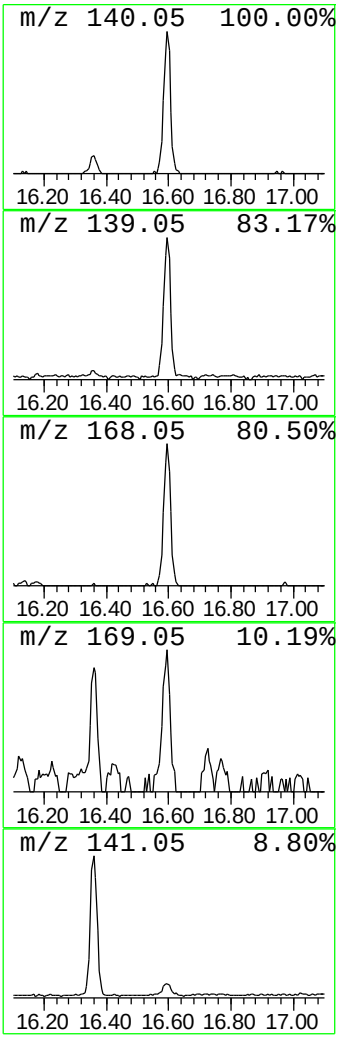
****

Peak Number 17 1(2H)-Acenaphthylenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	6.17 ng	95085	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	97
2	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	53
3	Dibenzofuran	168	C12H8O	000132-64-9	52
4	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	50
5	Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	49





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020886.D
Acq On : 12 Feb 2016 10:27
Operator : SJ/UM
Sample : H1408-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

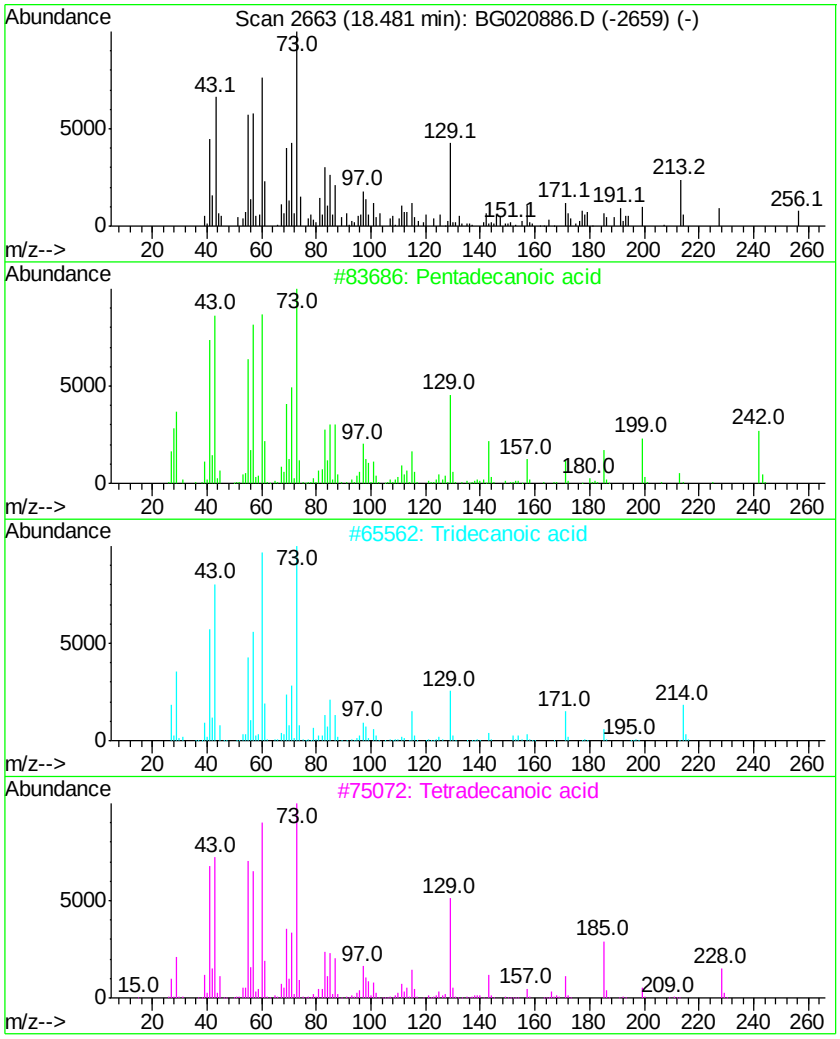
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

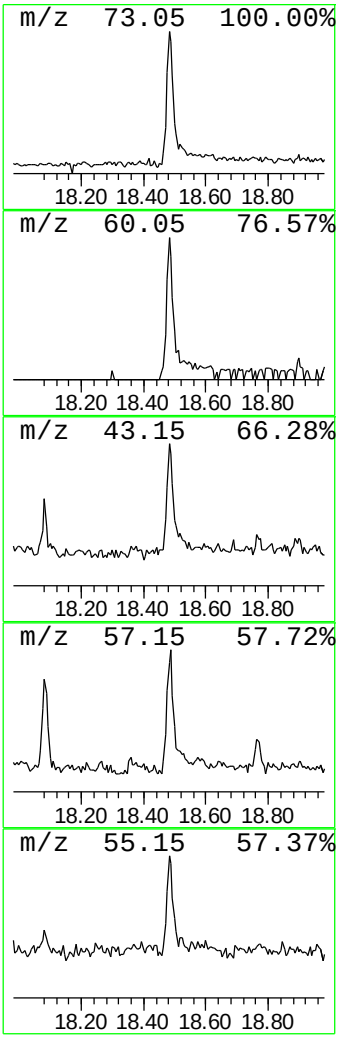
****

Peak Number 18 Pentadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	4.21 ng	64809	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	Undecanoic acid	186	C11H22O2	000112-37-8	52





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020886.D
Acq On : 12 Feb 2016 10:27
Operator : SJ/UM
Sample : H1408-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

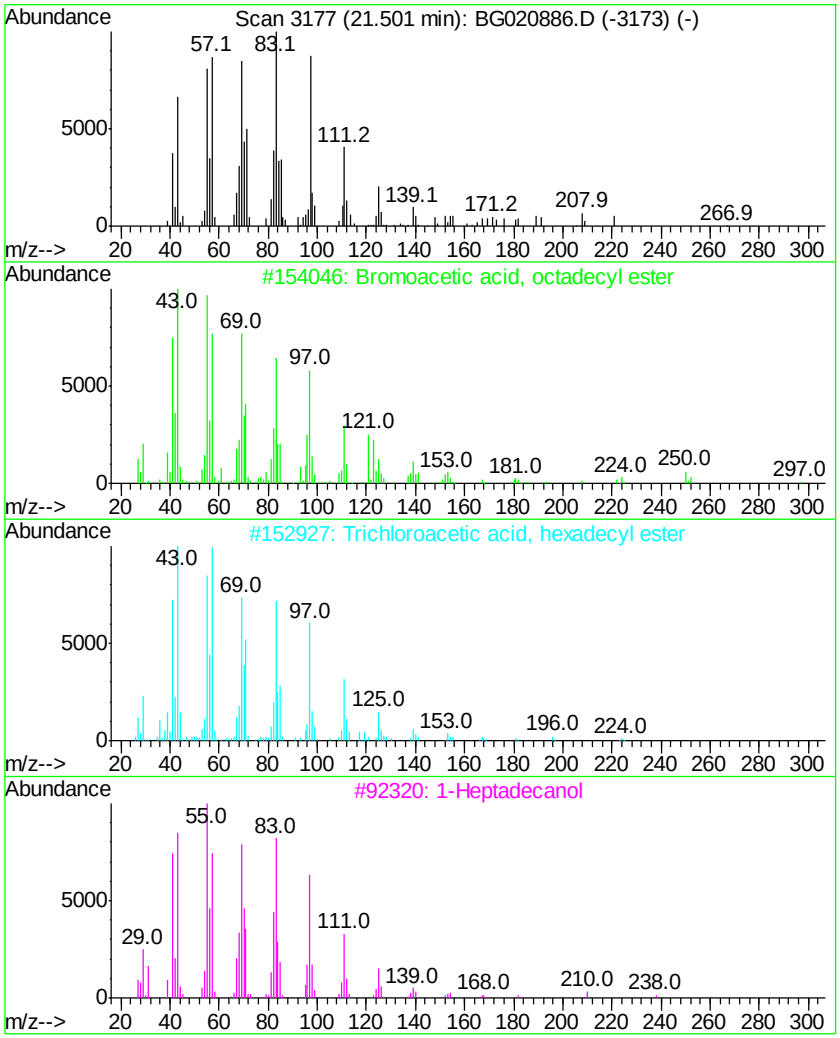
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

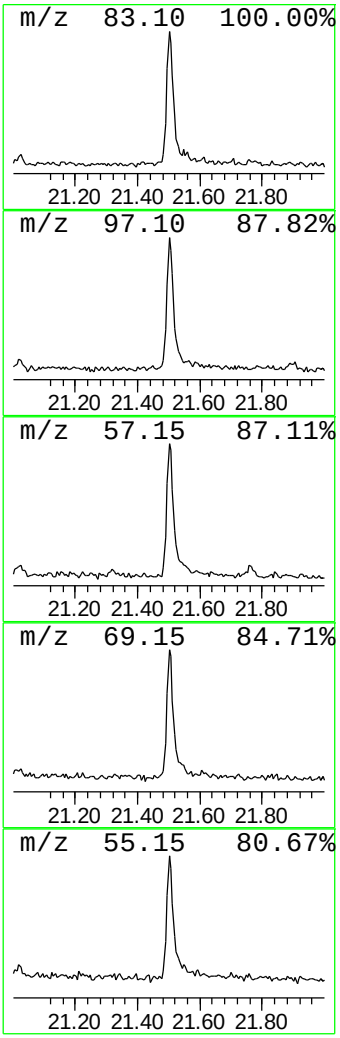
****

Peak Number 19 Bromoacetic acid, octadecyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	5.00 ng	84538	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	1-Heptadecanol	256	C17H36O	001454-85-9	87
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	87





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG021116\
Data File : BG020886.D
Acq On : 12 Feb 2016 10:27
Operator : SJ/UM
Sample : H1408-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.33	8.3	ng	38578	1	8.27	93232	20.0
2-Pentanone, 4-hy...	5.32	6.4	ng	30013	1	8.27	93232	20.0
unknown7.80	7.80	55.2	ng	257250	1	8.27	93232	20.0
Hexanoic acid, 2-...	9.53	2.8	ng	12867	1	8.27	93232	20.0
Naphthalene, 1,2,...	12.62	2.3	ng	22413	2	11.10	194084	20.0
Naphthalene, 1,2,...	12.69	2.8	ng	27040	2	11.10	194084	20.0
unknown12.97	12.97	2.8	ng	27363	2	11.10	194084	20.0
Naphthalene, 2,7-...	14.21	5.2	ng	75024	3	14.88	287622	20.0
3-(2-Methyl-prope...	15.49	2.5	ng	35998	3	14.88	287622	20.0
Dodecane	15.69	2.2	ng	32273	3	14.88	287622	20.0
1-Naphthalenecarb...	16.23	4.0	ng	57165	3	14.88	287622	20.0
1(2H)-Acenaphthyl...	16.60	6.2	ng	95085	4	17.62	307994	20.0
Pentadecanoic acid	18.48	4.2	ng	64809	4	17.62	307994	20.0
Bromoacetic acid,...	21.50	5.0	ng	84538	5	21.90	338406	20.0