LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021012.D
Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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	3.238	63	68	78	rBV	52072	100789	5.89%	0.915%
2	3.315	78	81	93	rVB	30464	46017	2.69%	0.418%
3	5.318	416	422	428	rBV	35017	54289	3.17%	0.493%
4	5.794	496	503	512	rBV	223621	350407	20.47%	3.181%
5	7.403	770	777	787	rBV	169000	287309	16.78%	2.608%
6	7.785	835	842	851	rVB	374401	644720	37.66%	5.853%
7	8.261	912	923	928	rBV	68667	118894	6.94%	1.079%
8	8.590	971	979	985	rBV	326502	577175	33.71%	5.240%
9	8.748	1000	1006	1011	rBV	15359	22059	1.29%	0.200%
10	9.371	1101	1112	1116	rBV2	66615	118018	6.89%	1.071%
11	9.436	1116	1123	1133	rVB2	262669	547459	31.98%	4.970%
12	9.600	1142	1151	1159	rBV2	6174	19468	1.14%	0.177%
13	9.894	1195	1201	1207	rVB	52070	83189	4.86%	0.755%
14	10.152	1236	1245	1249	rBV4	9680	20410	1.19%	0.185%
15	10.264	1257	1264	1269	rBV5	16911	34065	1.99%	0.309%
16	10.323	1269	1274	1284	rVB	20958	44029	2.57%	0.400%
17	10.476	1293	1300	1306	rBV2	118050	215206	12.57%	1.954%
18	10.534	1306	1310	1319	rVB	9848	19522	1.14%	0.177%
19	10.652	1322	1330	1336	rBV4	13124	24528	1.43%	0.223%
20	10.769	1344	1350	1360	rBV	15671	29888	1.75%	0.271%
21	11.086	1390	1404	1417	rVB3	126573	364871	21.31%	3.312%
22	11.192	1417	1422	1431	rVB2	32637	73914	4.32%	0.671%
23	11.286	1431	1438	1445	rBV2	20595	41233	2.41%	0.374%
24	11.445	1458	1465	1470	rBV2	13948	22853	1.33%	0.207%
25	11.551	1478	1483	1490	rVB5	8944	20672	1.21%	0.188%
26	11.739	1511	1515	1518	rBV	12830	22298	1.30%	0.202%
27	11.844	1528	1533	1538	rBV3	11724	19842	1.16%	0.180%
28	11.985	1550	1557	1562	rVB2	28471	50573	2.95%	0.459%
29	12.073	1567	1572	1576	rBV	29970	44422	2.59%	0.403%
30	12.173	1584	1589	1594	rVB2	23640	39483	2.31%	0.358%
31	12.261	1598	1604	1610	rBV4	23456	42778	2.50%	0.388%
32	12.385	1621	1625	1631	rVB3	15089	24522	1.43%	0.223%
33	12.449	1631	1636	1642	rBV3	18379	37453	2.19%	0.340%
34	12.608	1659	1663	1667	rVB2	18657	28843	1.68%	0.262%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021012.D
Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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	12.720	1678	1682	1688	rVB	33554	54089	3.16%	0.491%
36	12.937	1709	1719	1728	rBV	82343	166894	9.75%	1.515%
37	13.007	1728	1731	1740	rVB6	10411	22902	1.34%	0.208%
38	13.148	1750	1755	1758	rBV4	11383	18023	1.05%	0.164%
39	13.231	1764	1769	1773	rVB8	10702	17557	1.03%	0.159%
40	13.395	1792	1797	1807	rVV3	50815	79680	4.65%	0.723%
41	13.501	1807	1815	1826	rVB	972549	1481934	86.56%	13.453%
42	13.683	1839	1846	1854	rBV	12638	41210	2.41%	0.374%
43	13.812	1854	1868	1875	rBV6	15773	58174	3.40%	0.528%
44	13.912	1881	1885	1893	rVB3	13316	31444	1.84%	0.285%
45	14.035	1902	1906	1908	rBV2	24516	37023	2.16%	0.336%
46	14.194	1927	1933	1938	rBV	64950	112983	6.60%	1.026%
47	14.247	1938	1942	1947	rVB2	30950	46461	2.71%	0.422%
48	14.329	1947	1956	1961	rBV4	64379	126557	7.39%	1.149%
49	14.429	1968	1973	1977	rBV	25216	42423	2.48%	0.385%
50	14.593	1997	2001	2009	rBV3	13988	27907	1.63%	0.253%
51	14.870	2043	2048	2054	rVB2	202380	329304	19.23%	2.989%
52	15.075	2077	2083	2090	rBV2	17320	40754	2.38%	0.370%
53	15.257	2107	2114	2118	rBV4	25030	48130	2.81%	0.437%
54	15.334	2123	2127	2137	rVB3	18746	43873	2.56%	0.398%
55	15.481	2146	2152	2156	rBV	26386	48000	2.80%	0.436%
56	15.528	2156	2160	2165	rVB	12748	18812	1.10%	0.171%
57	15.657	2175	2182	2184	rBV5	16011	37562	2.19%	0.341%
58	15.680	2184	2186	2190	rVB	22867	28151	1.64%	0.256%
59	16.039	2243	2247	2250	rBV3	12630	17899	1.05%	0.162%
60	16.086	2250	2255	2260	rVB	31811	51918	3.03%	0.471%
61	16.174	2266	2270	2276	rBV8	7942	18078	1.06%	0.164%
62	16.356	2295	2301	2307	rVB2	518823	801203	46.80%	7.273%
63	16.567	2329	2337	2343	rBV2	61834	114235	6.67%	1.037%
64	16.714	2357	2362	2367	rBV7	11516	24691	1.44%	0.224%
65	17.384	2472	2476	2481	rBV	31001	40427	2.36%	0.367%
66	17.607	2508	2514	2519	rBV2	225488	334775	19.55%	3.039%
67	19.634	2855	2859	2864	rBV	9561	17277	1.01%	0.157%
68	20.192	2948	2954	2959	rBV	1343868	1712038	100.00%	15.542%
69	21.884	3236	3242	3256	rVB	211956	380505	22.23%	3.454%
70	25.261	3807	3817	3826	rVB	119896	351443	20.53%	3.190%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021012.D
Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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

Sum of corrected areas: 11015534

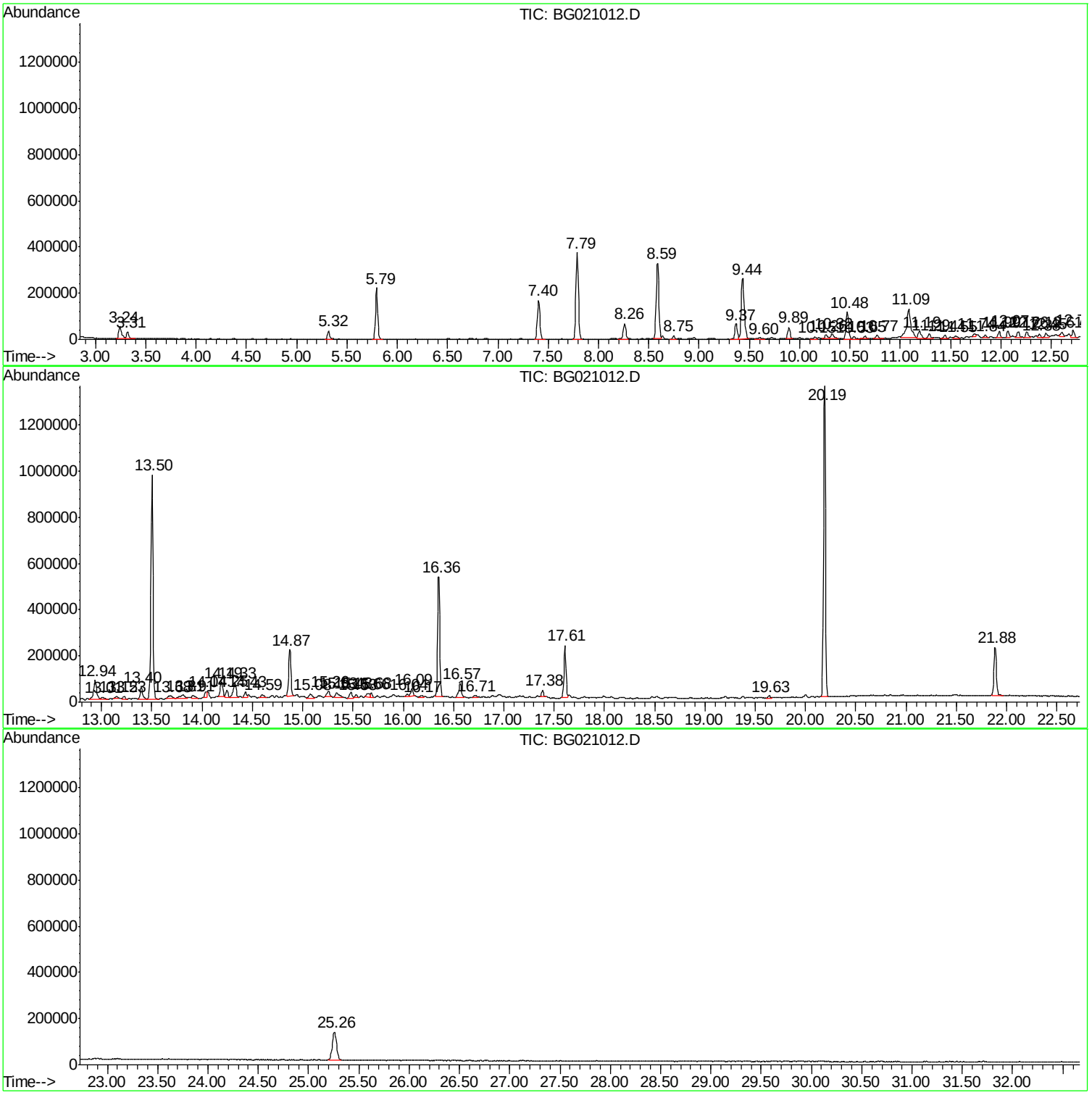
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021012.D
Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021012.D
Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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

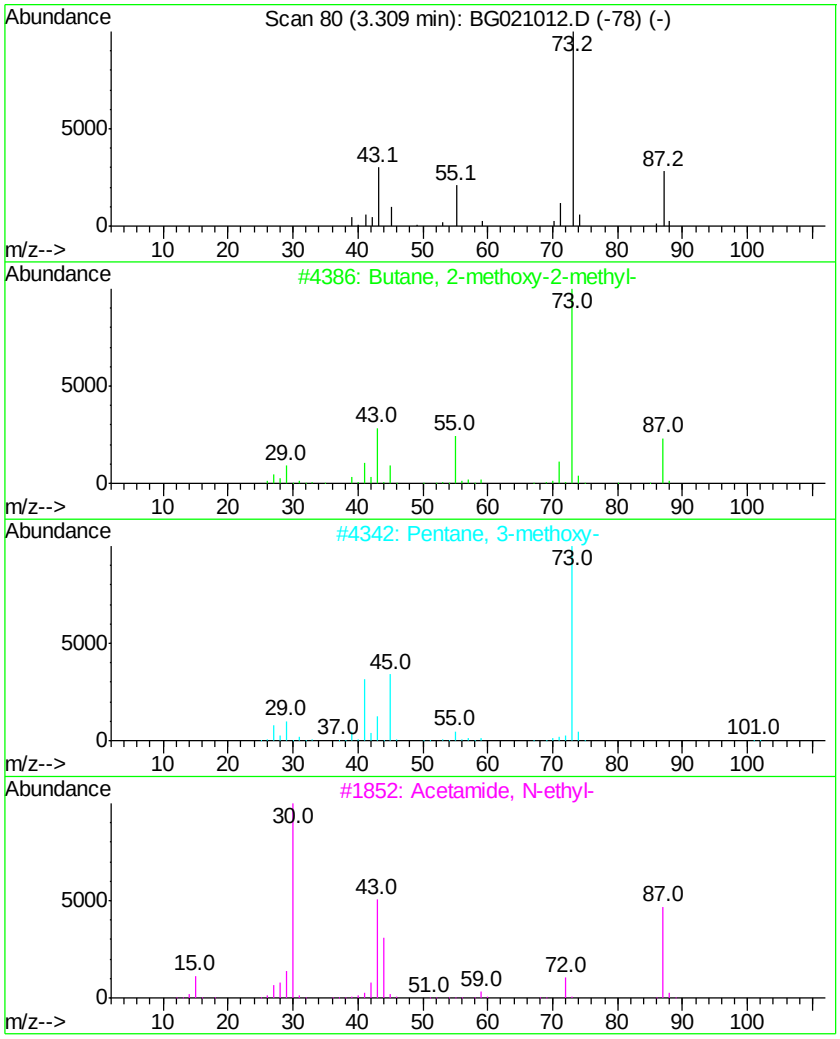
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

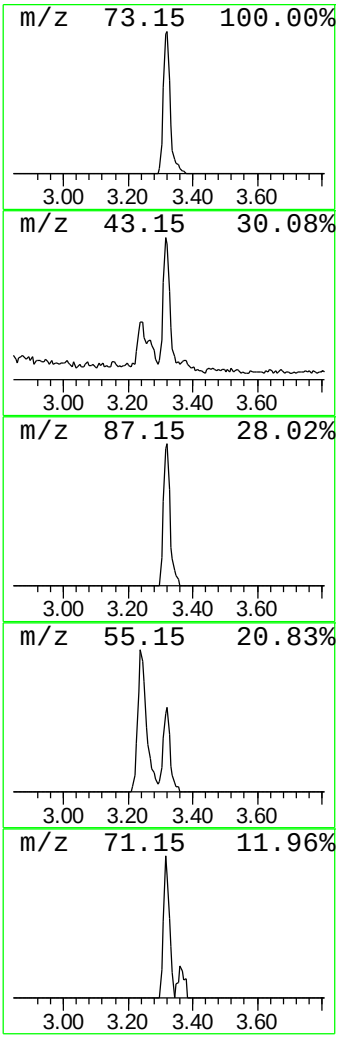
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.31	7.74 ng	46017	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021012.D
Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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

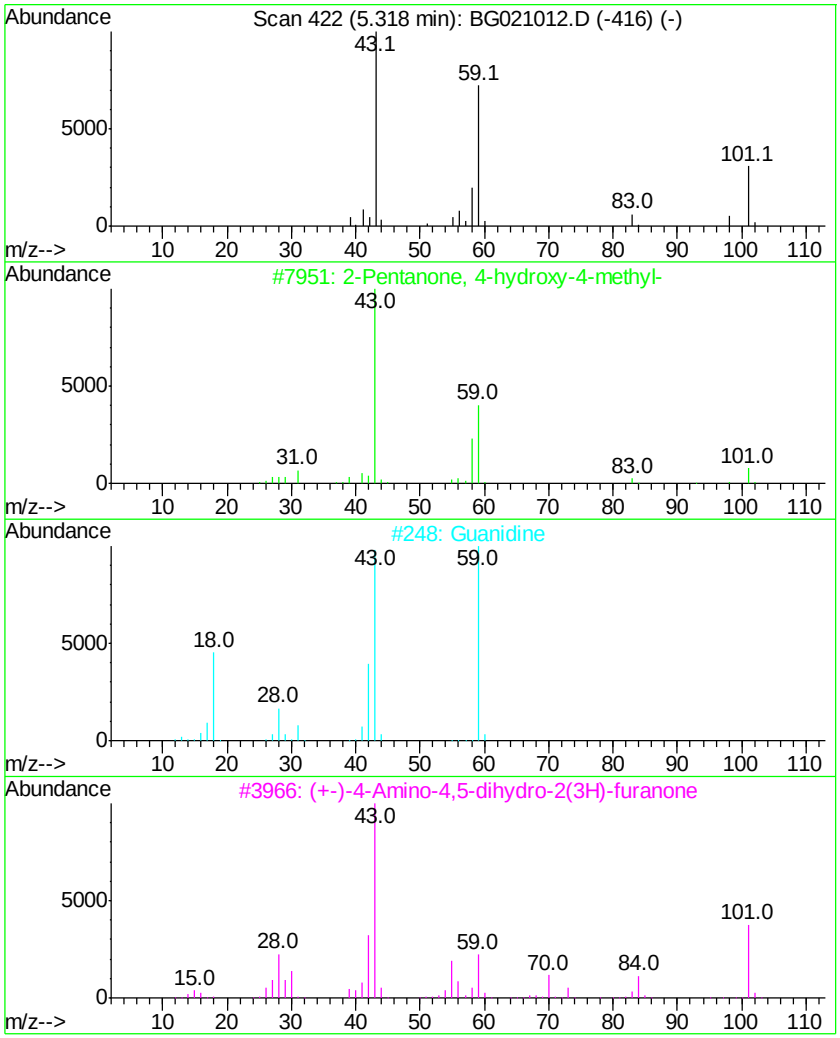
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

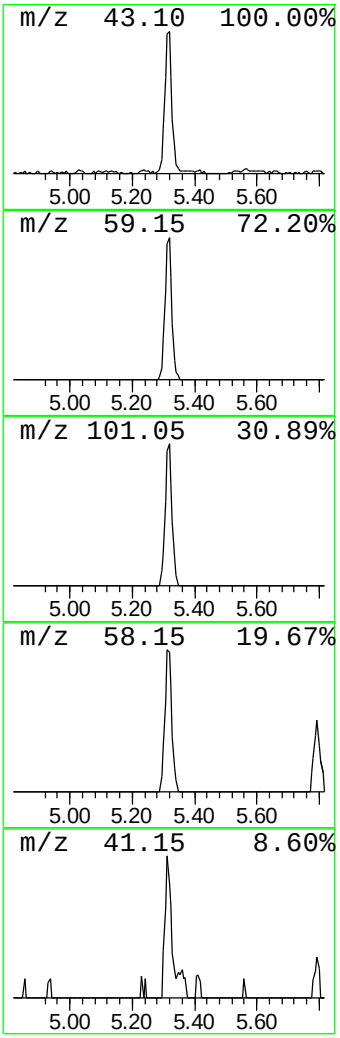
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	9.13 ng	54289	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Guanidine	59	CH5N3	000113-00-8	38
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	37
4	3-Hexanol	102	C6H14O	000623-37-0	25
5	2-Octanol, 2,6-dimethyl-	158	C10H22O	018479-57-7	23





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021012.D
Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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

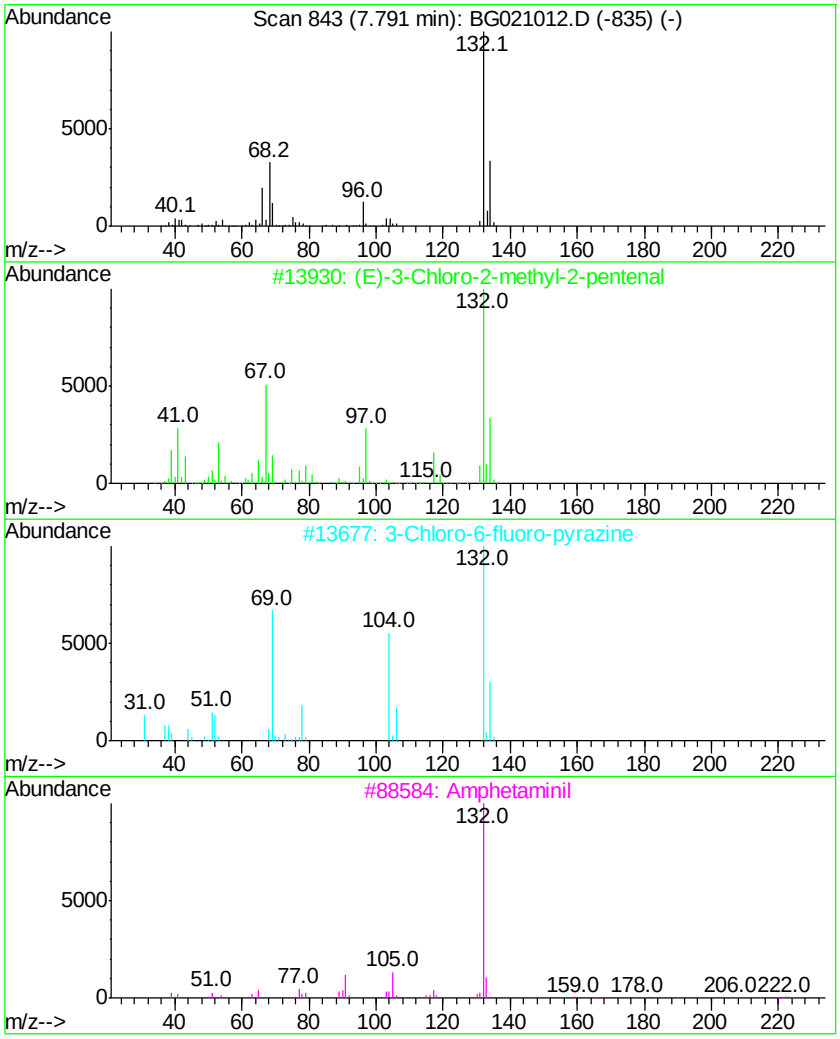
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

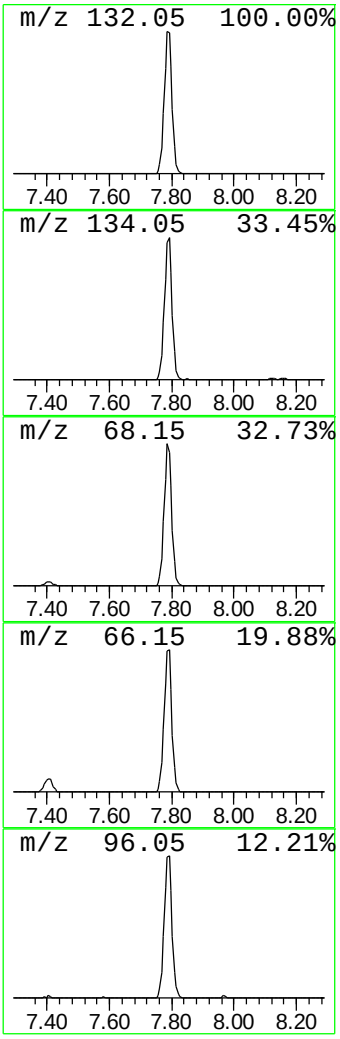
****

Peak Number 4 unknown7.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	108.45 ng	644720	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021012.D
Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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

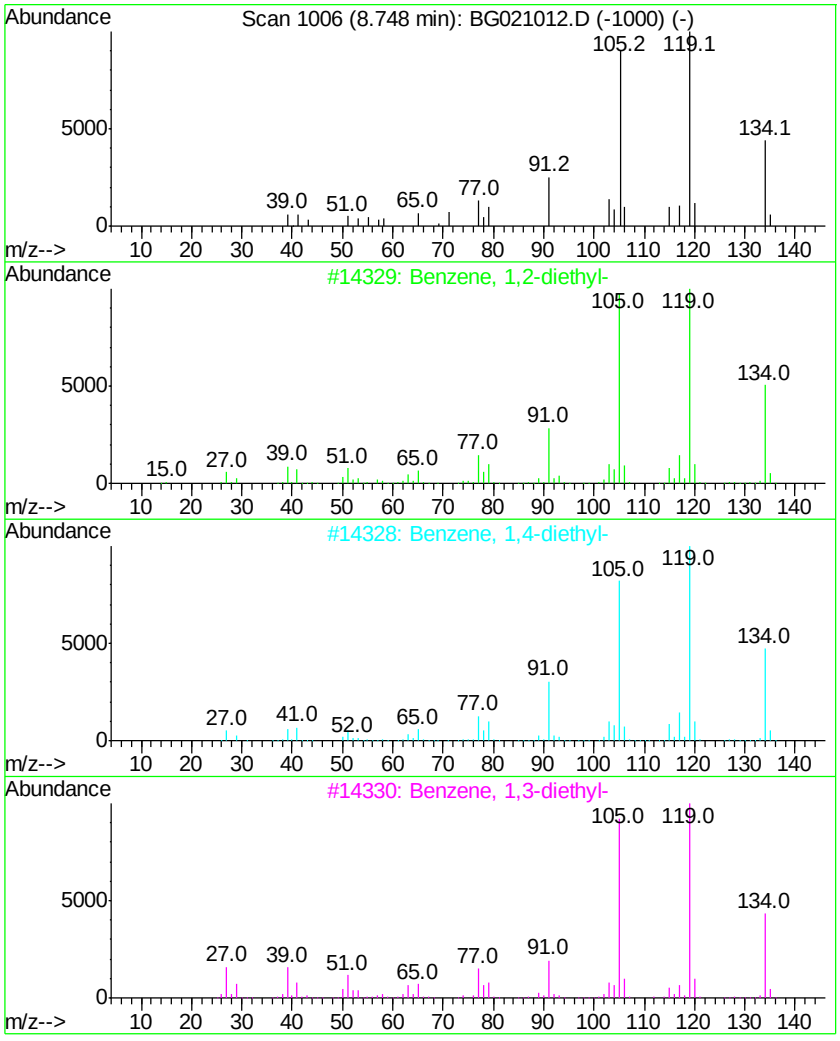
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

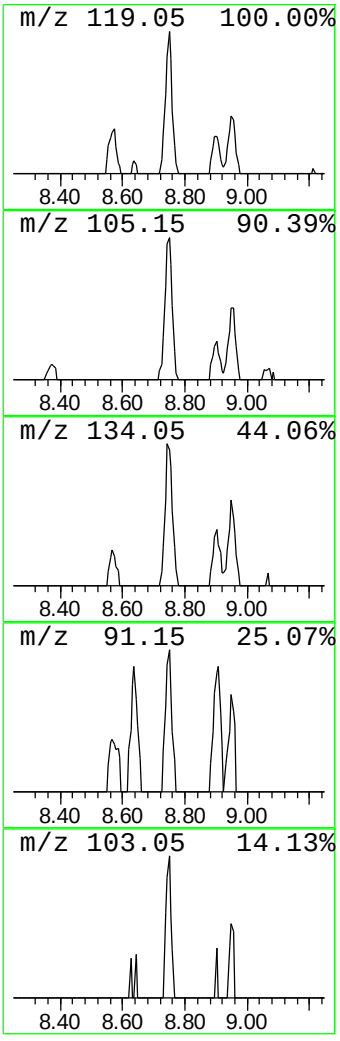
****

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	3.71 ng	22059	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021012.D
Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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

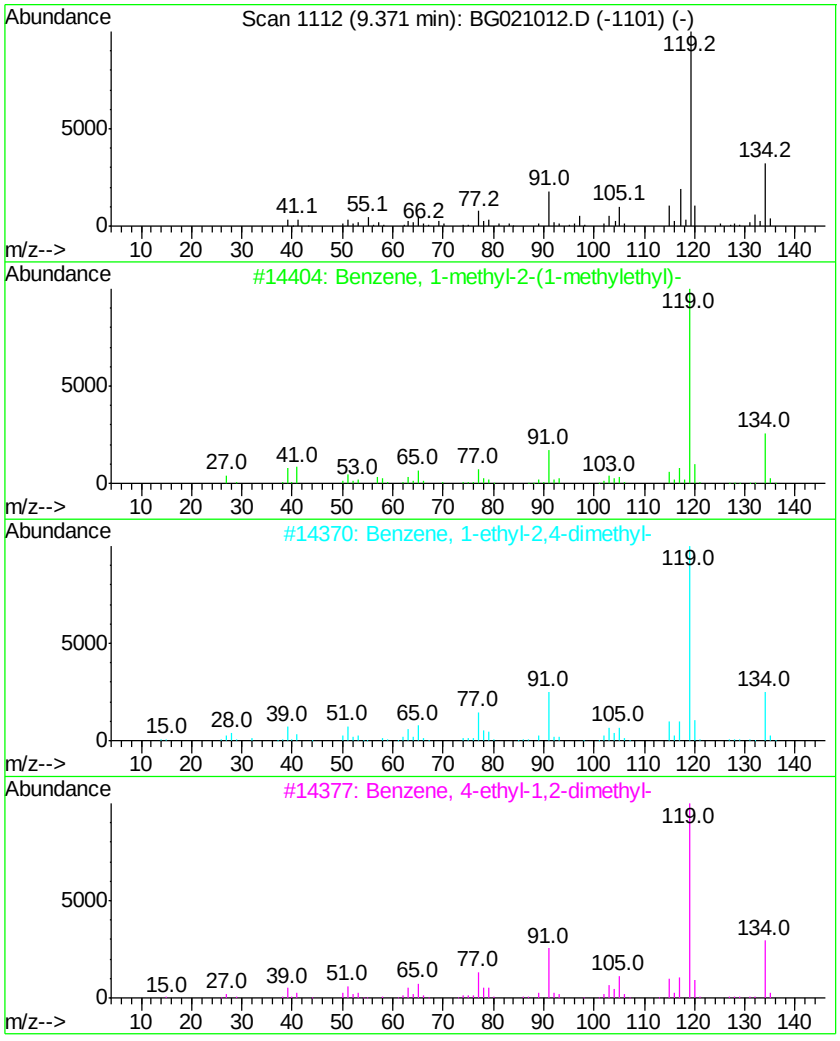
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

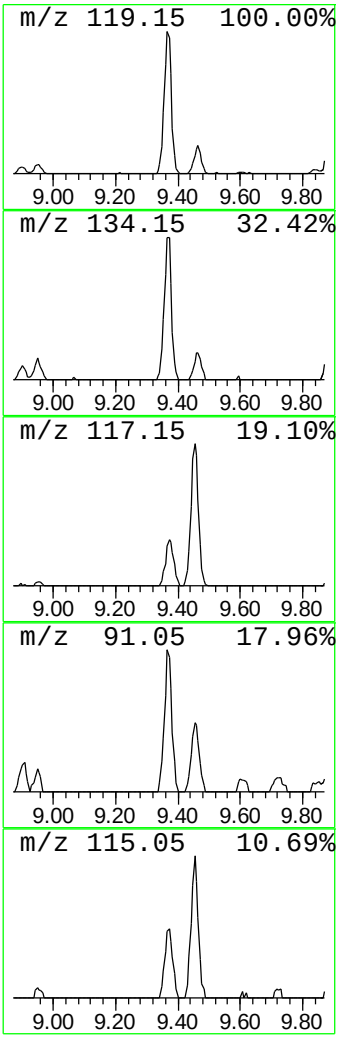
****

Peak Number 7 Benzene, 1-methyl-2-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	19.85 ng	118018	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	90
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021012.D
Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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

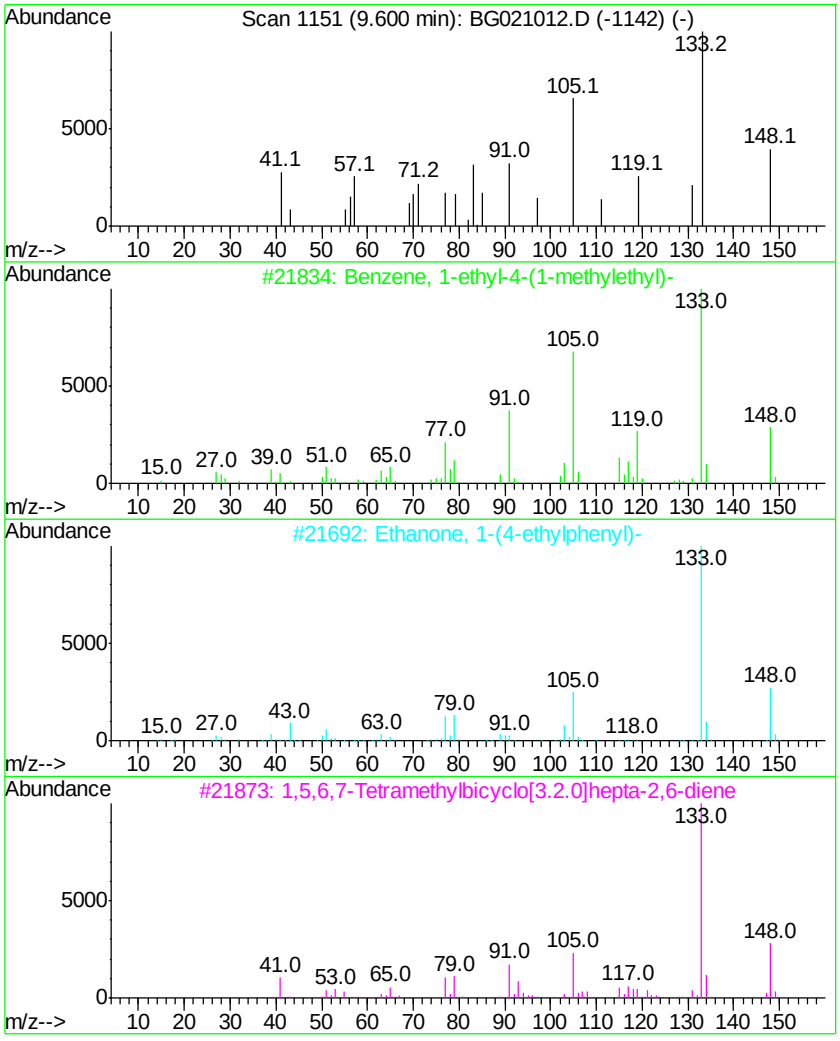
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

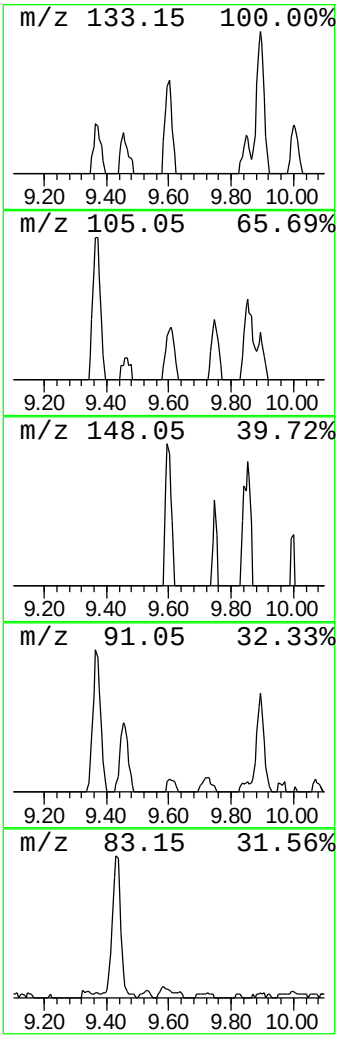
****

Peak Number 8 unknown9.60 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	3.27 ng	19468	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	47
2	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	37
3	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	9
4	2-tert-Butyltoluene	148	C11H16	001074-92-6	9
5	1-methyl-1-indanol	148	C10H12O	064666-42-8	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021012.D
Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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

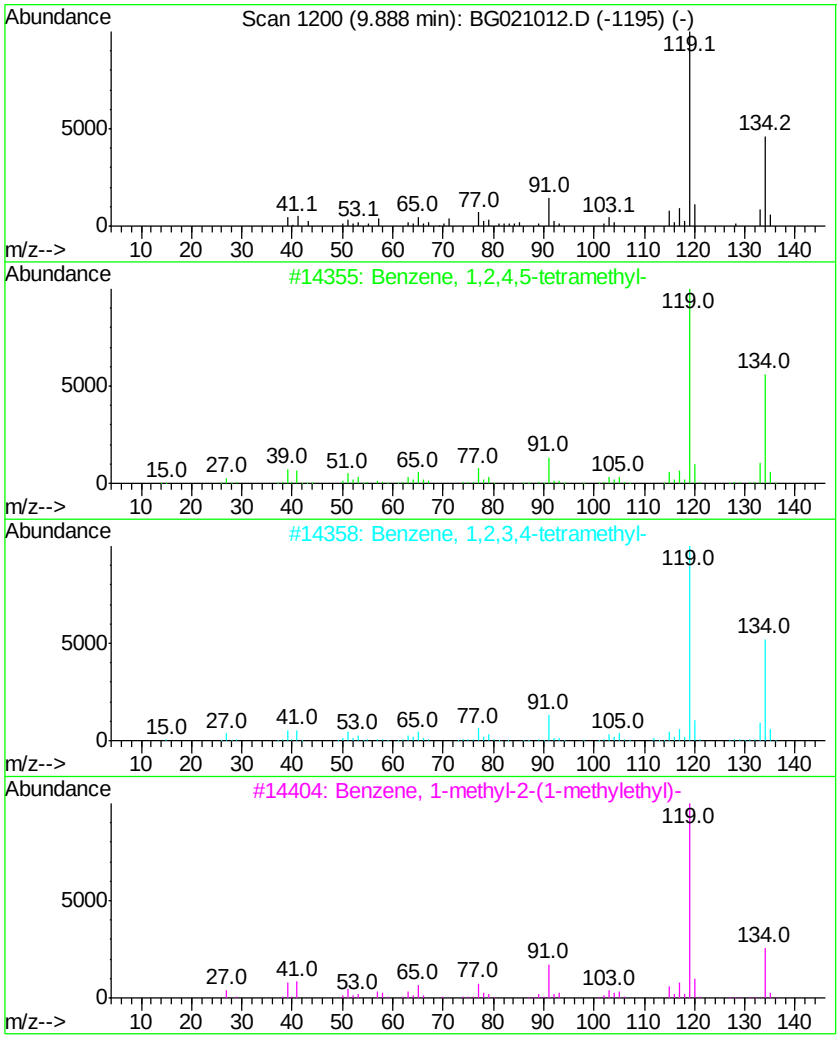
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

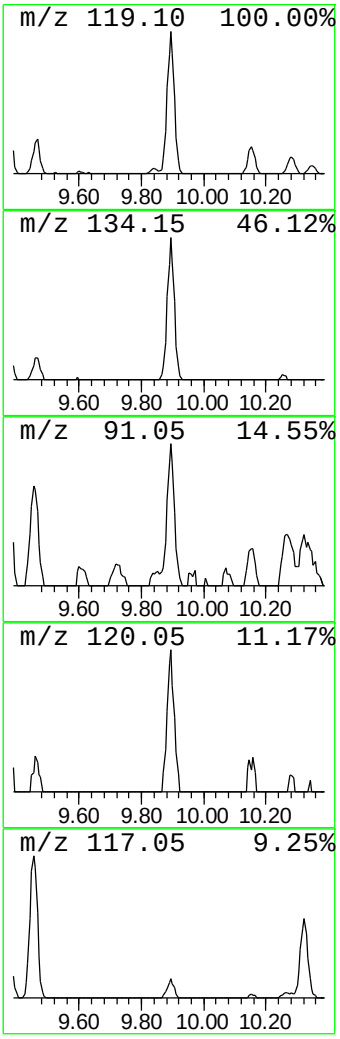
****

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	4.56 ng	83189	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021012.D
Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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

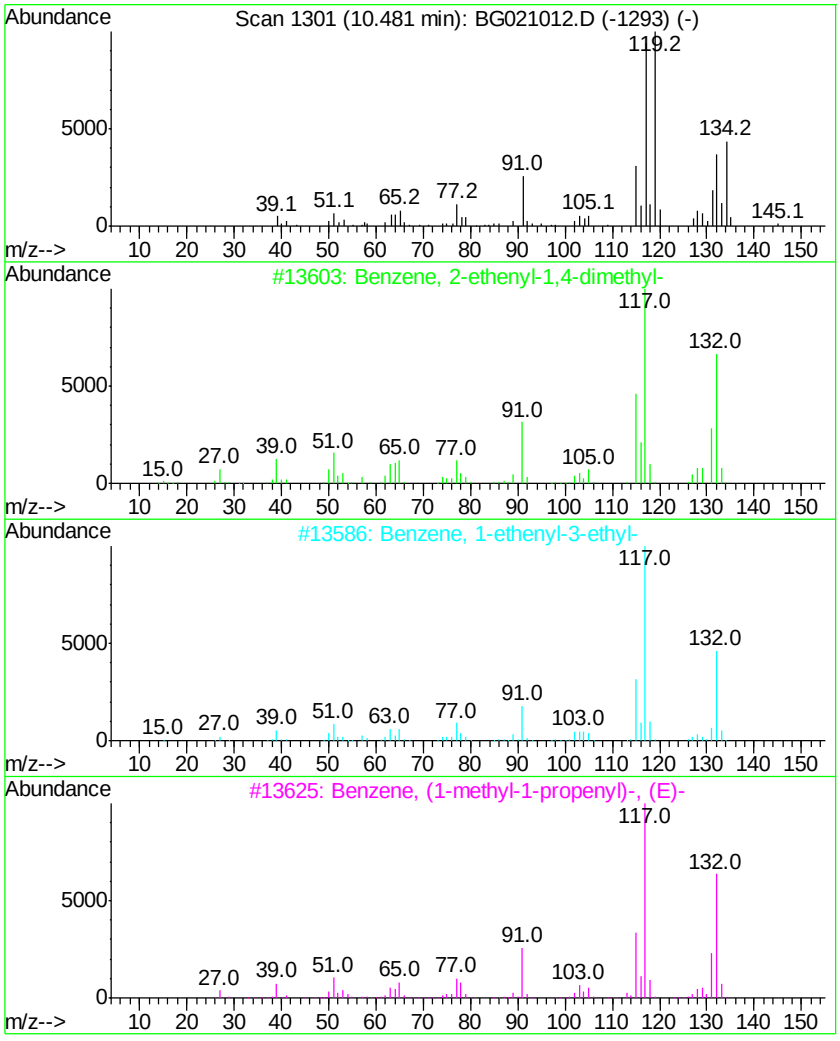
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

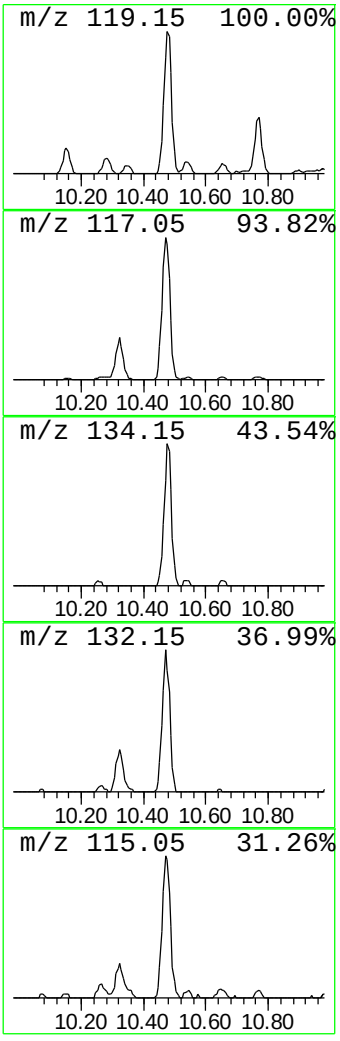
****

Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	11.80 ng	215206	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	53
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	53





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Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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

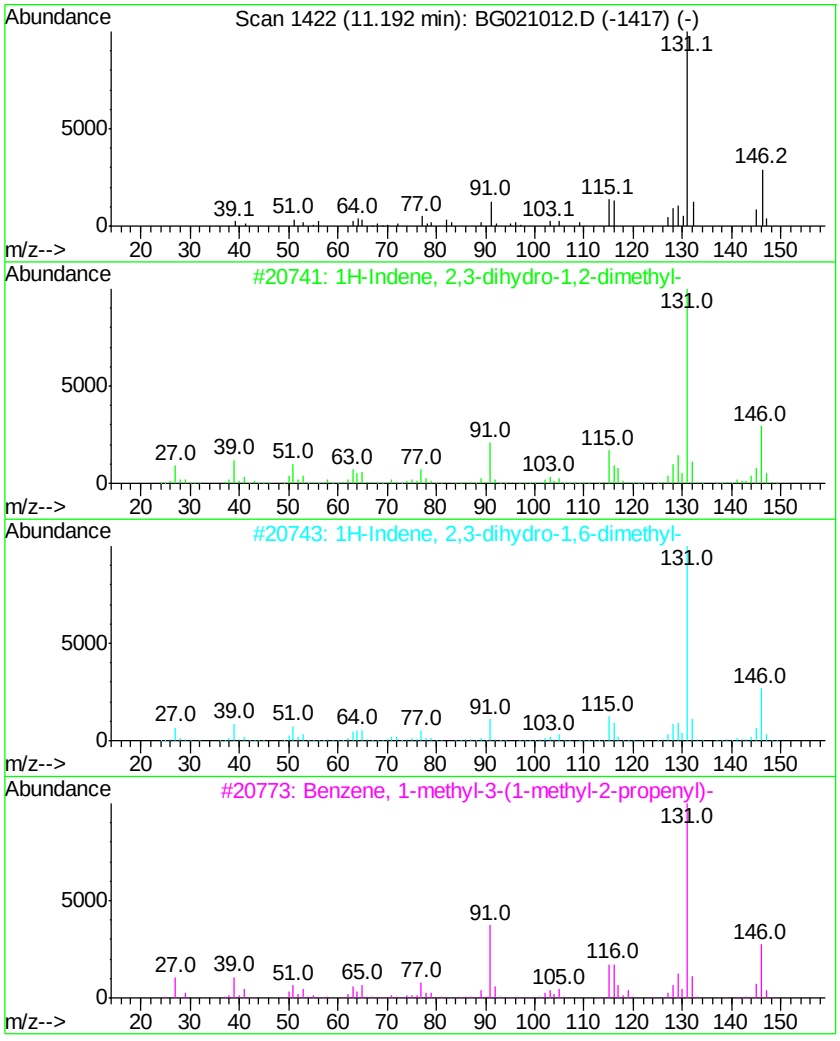
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

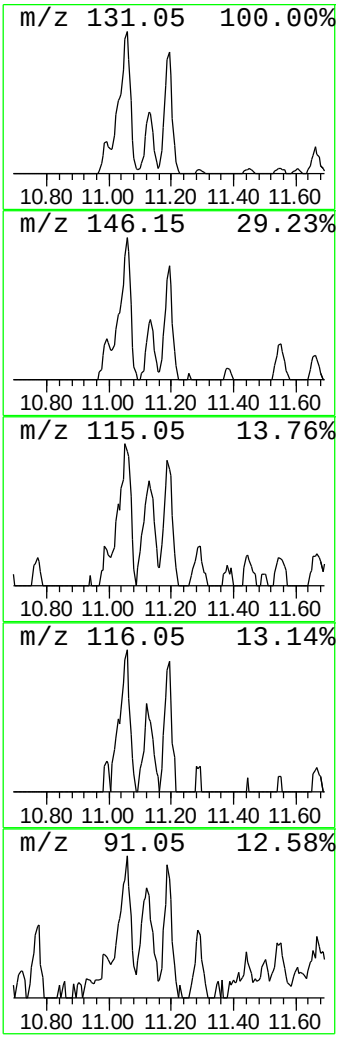
****

Peak Number 11 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	4.05 ng	73914	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021012.D
Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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

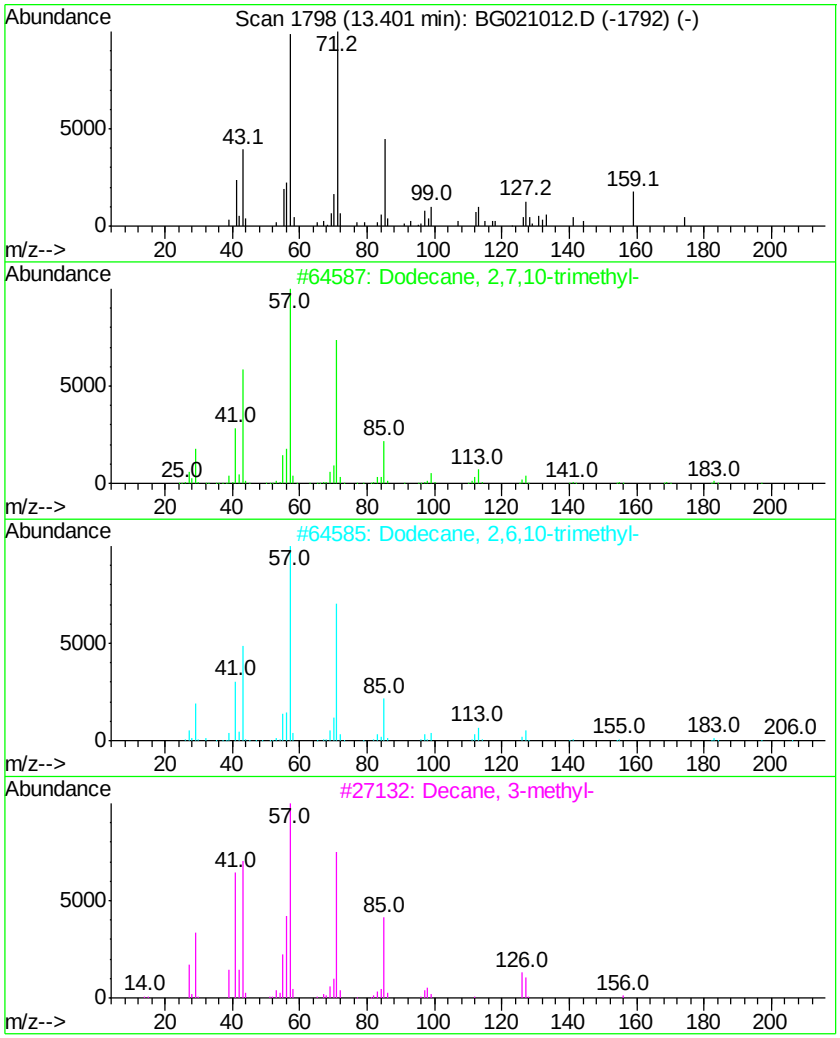
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

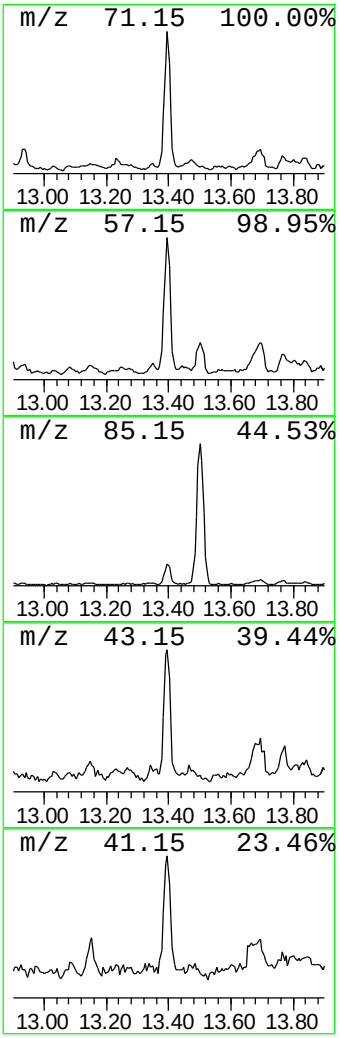
****

Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	4.84 ng	79680	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Decane, 3-methyl-	156	C11H24	013151-34-3	59
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53





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Acq On : 20 Feb 2016 17:12
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Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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

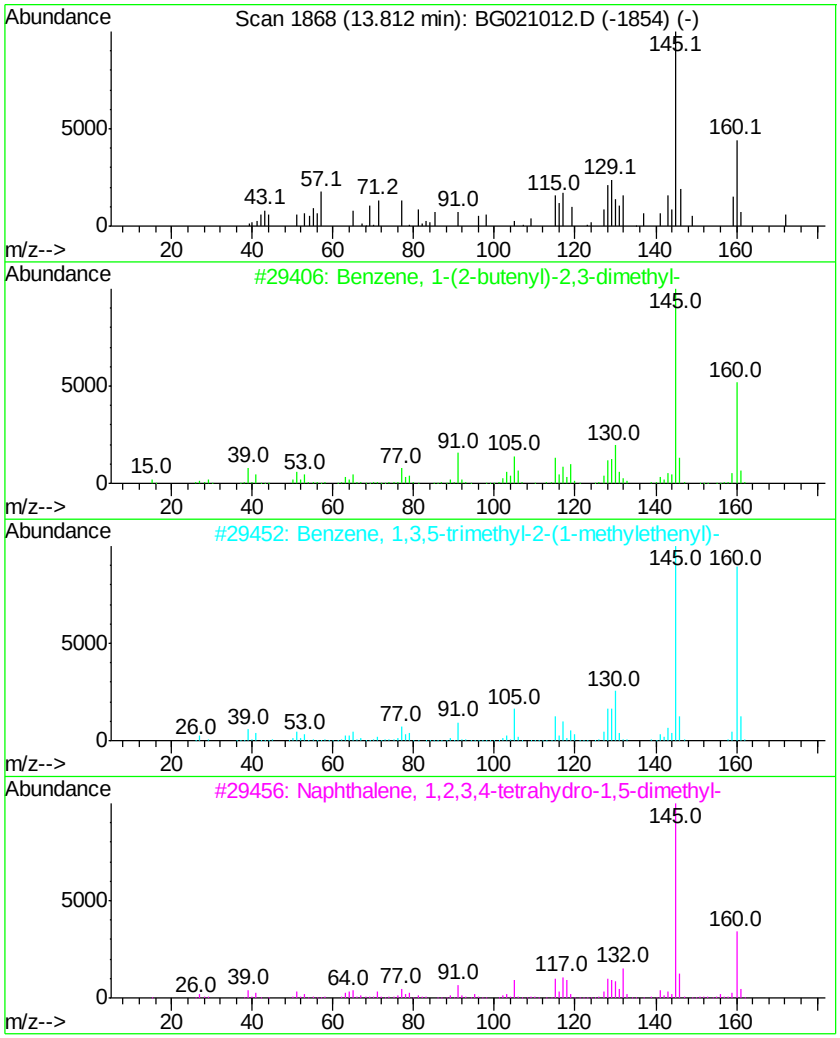
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

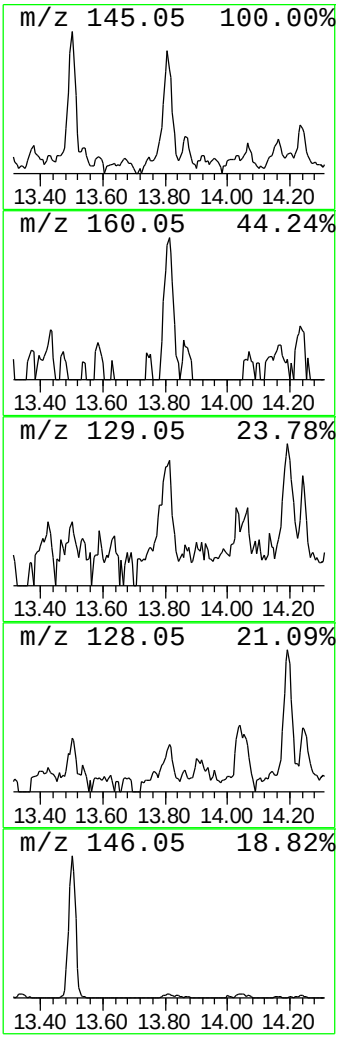
****

Peak Number 14 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	3.53 ng	58174	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	83
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	80
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	74
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	74
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021012.D
Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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

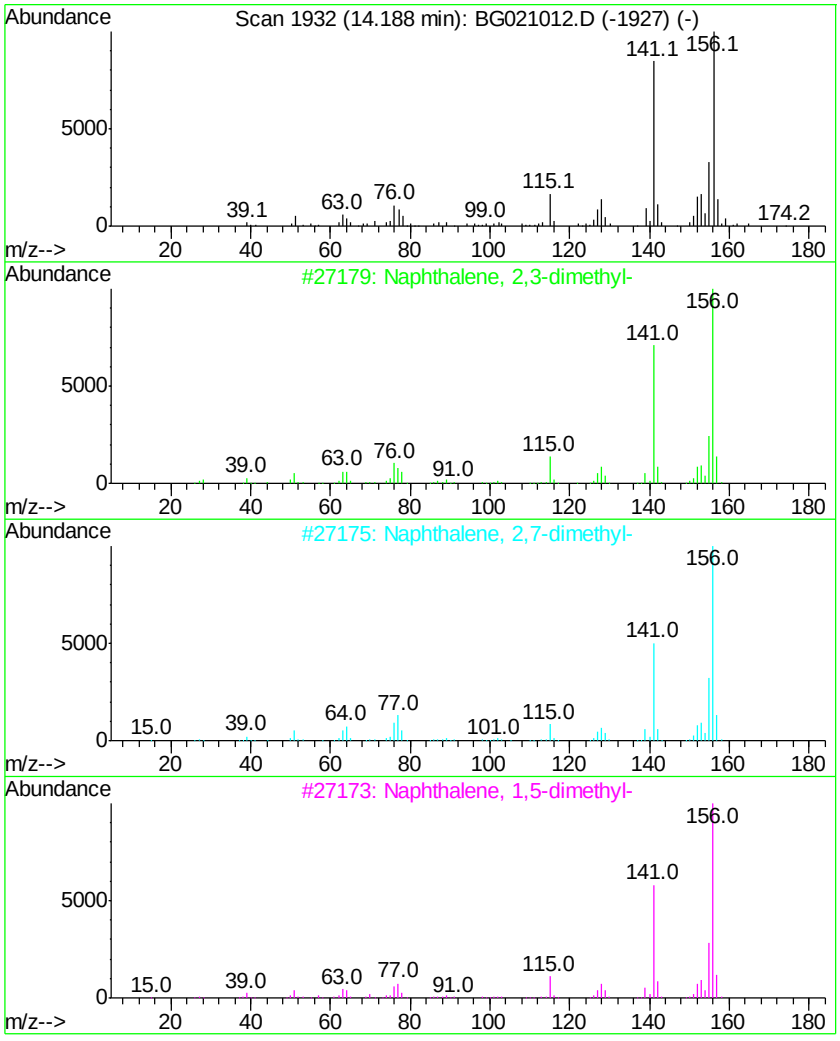
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

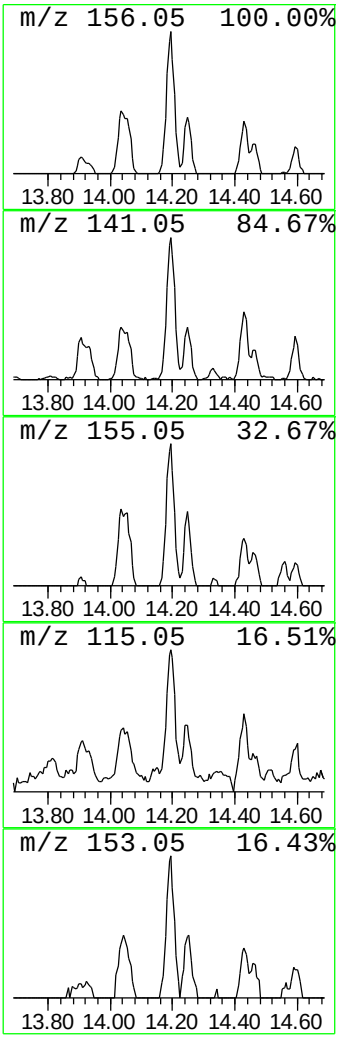
****

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	6.86 ng	112983	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021012.D
Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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

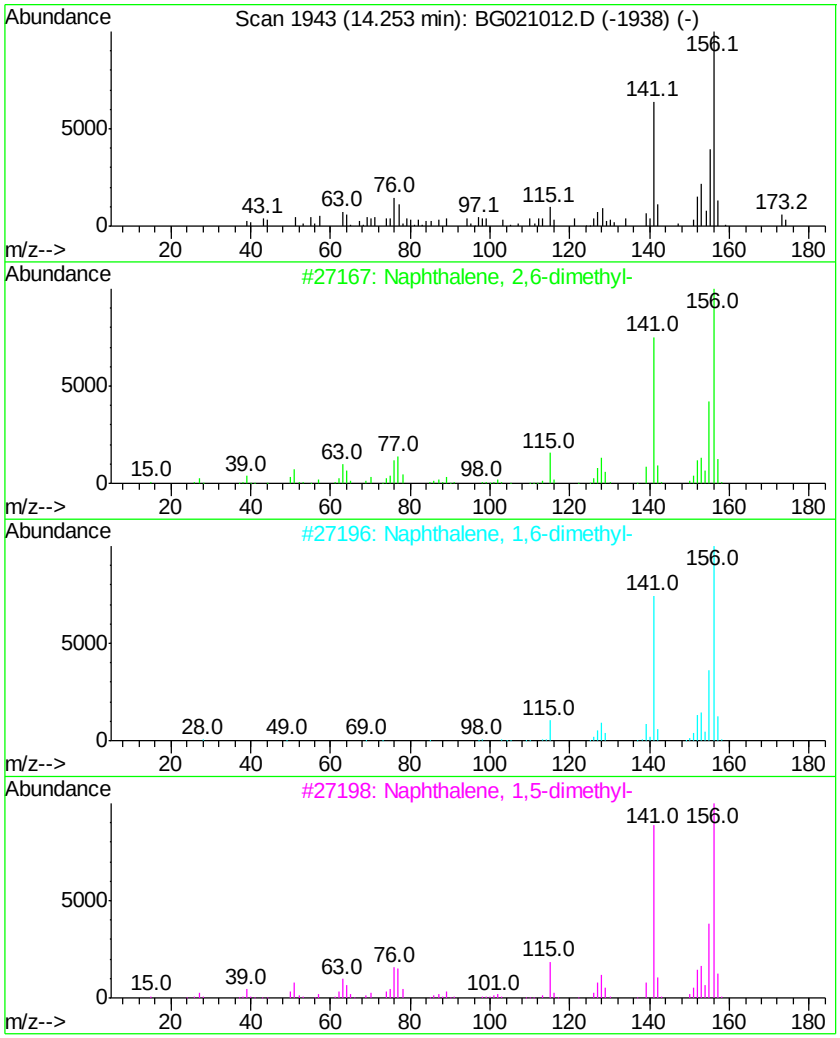
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

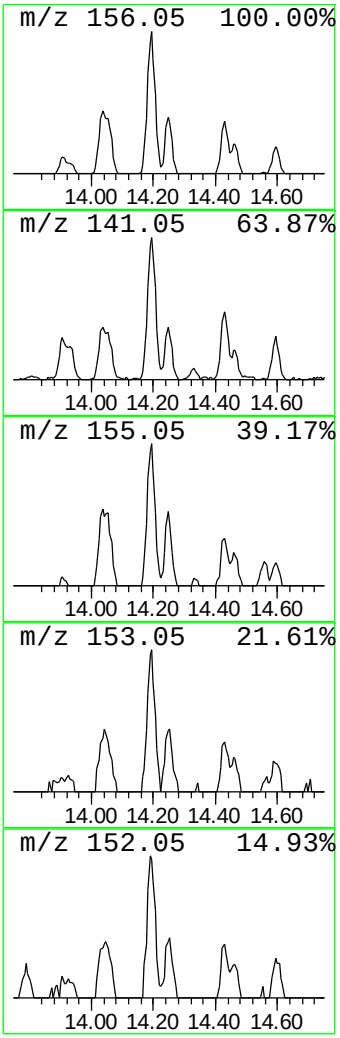
****

Peak Number 16 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	2.82 ng	46461	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Data File : BG021012.D
Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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

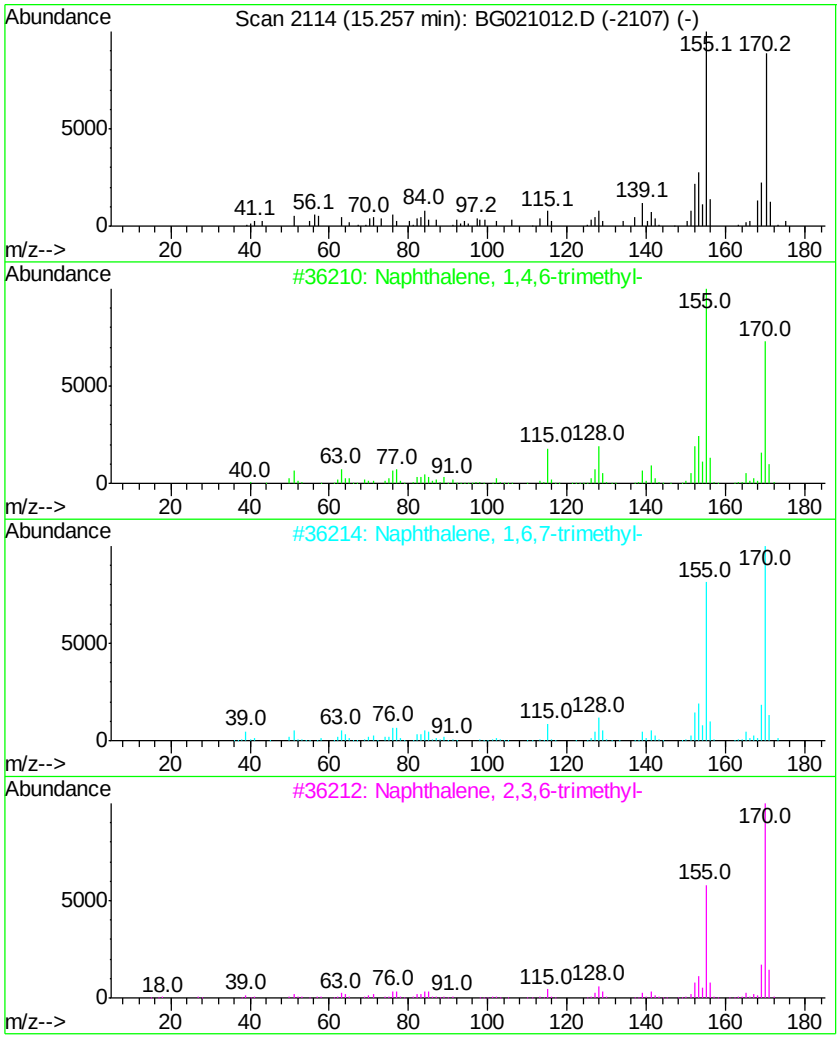
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

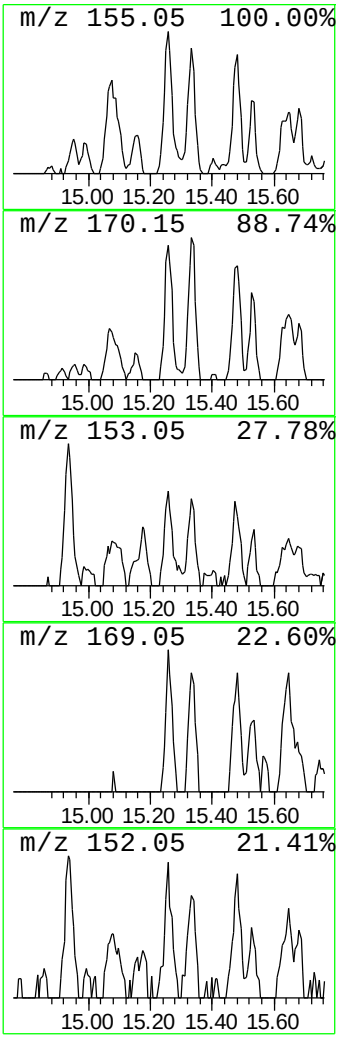
****

Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	2.92 ng	48130	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	80





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Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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

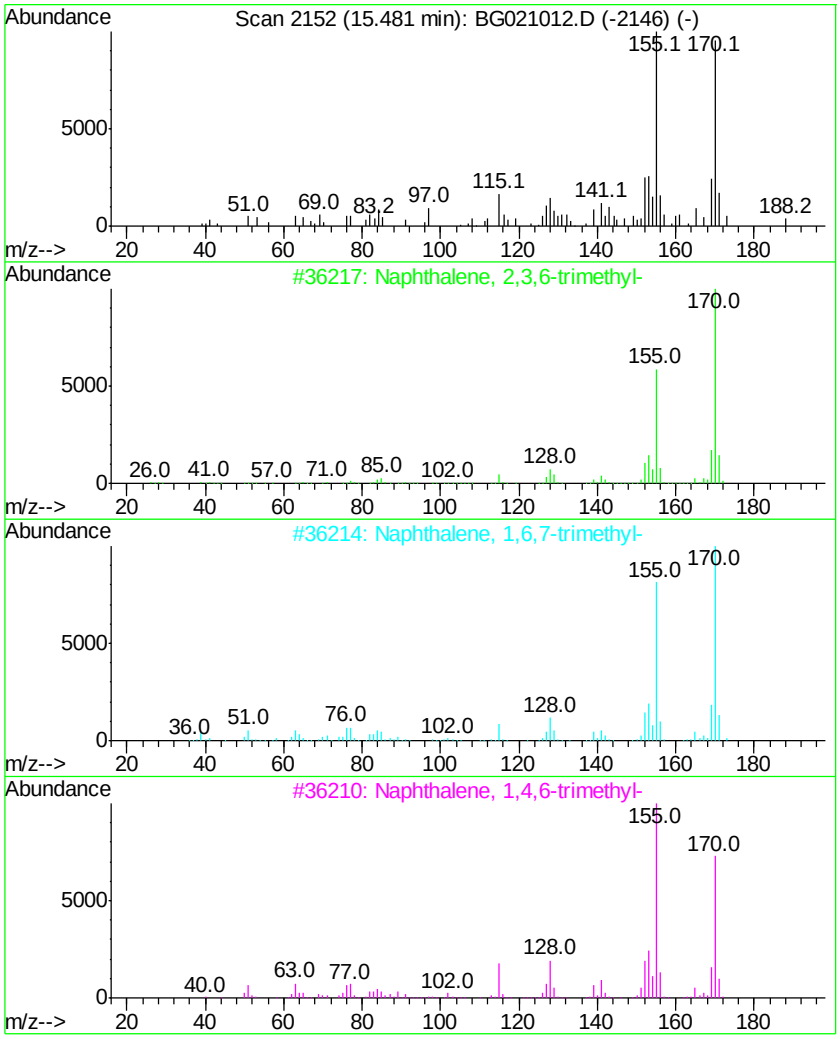
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

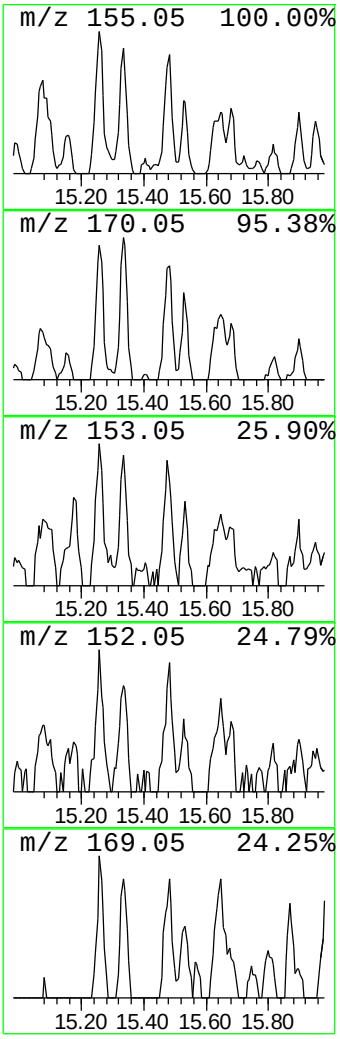
****

Peak Number 18 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	2.92 ng	48000	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90





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Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

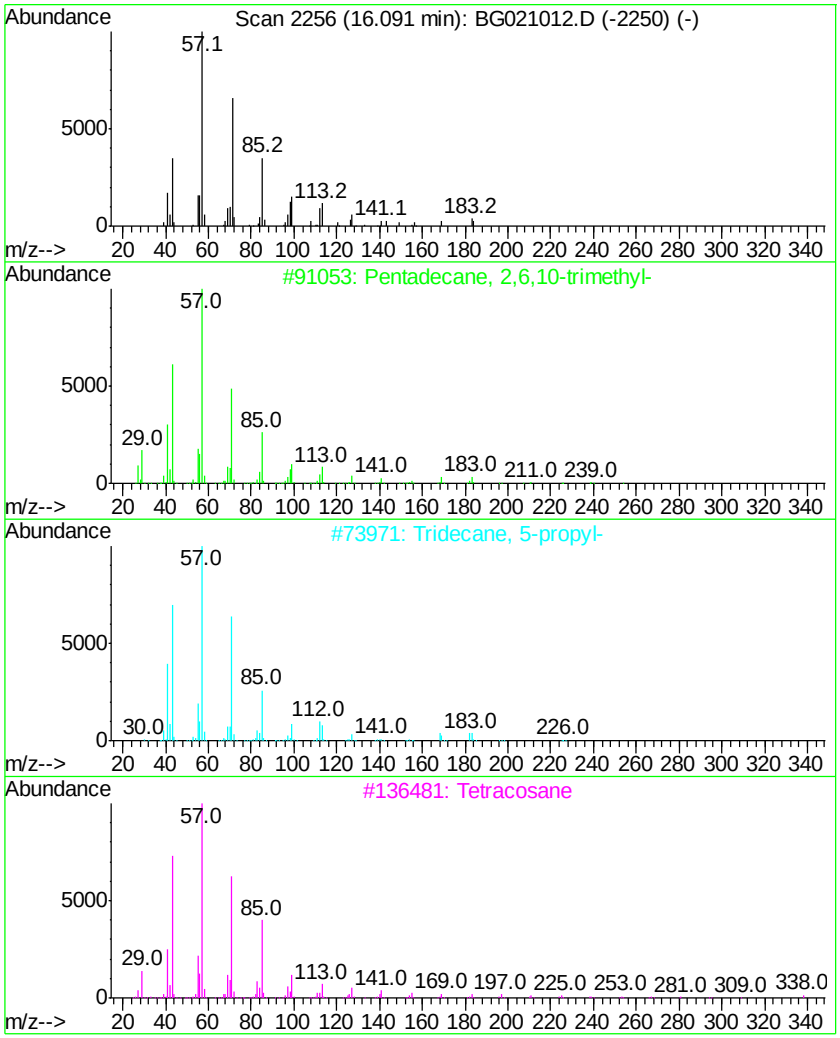
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

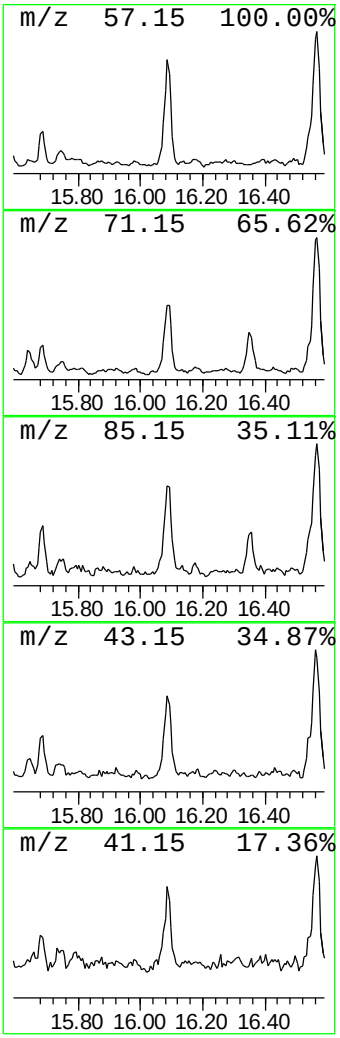
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	3.15 ng	51918	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
3	Tetracosane	338	C24H50	000646-31-1	72
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
5	Eicosane	282	C20H42	000112-95-8	64





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Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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

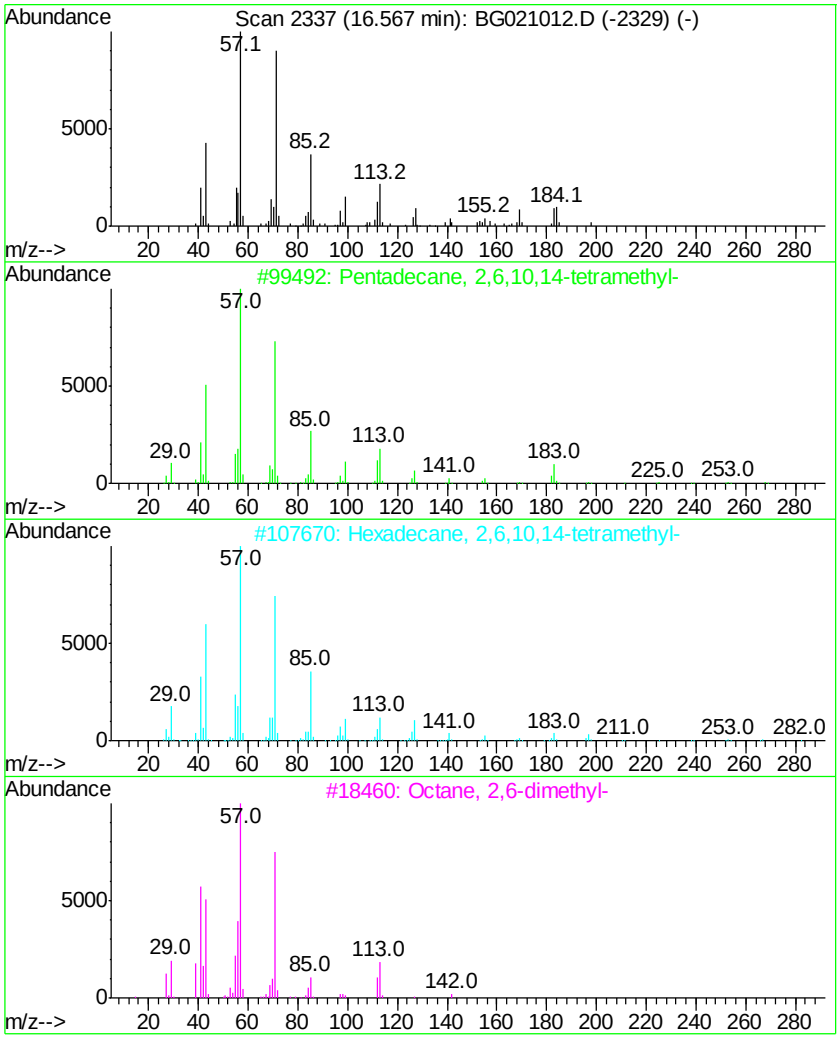
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

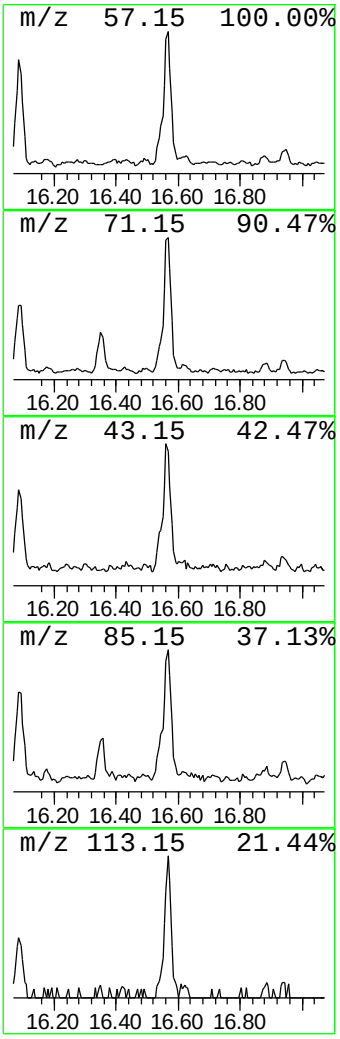
****

Peak Number 20 Pentadecane, 2,6,10,14-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	6.82 ng	114235	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	68
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
5	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
Data File : BG021012.D
Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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...	3.31	7.7	ng	46017	1	8.26	118894	20.0
2-Pentanone, 4-hy...	5.32	9.1	ng	54289	1	8.26	118894	20.0
unknown7.79	7.79	108.5	ng	644720	1	8.26	118894	20.0
Benzene, 1,2-diet...	8.75	3.7	ng	22059	1	8.26	118894	20.0
Benzene, 1-methyl...	9.37	19.9	ng	118018	1	8.26	118894	20.0
unknown9.60	9.60	3.3	ng	19468	1	8.26	118894	20.0
Benzene, 1,2,4,5-...	9.89	4.6	ng	83189	2	11.09	364871	20.0
Benzene, 2-etheny...	10.48	11.8	ng	215206	2	11.09	364871	20.0
1H-Indene, 2,3-di...	11.19	4.0	ng	73914	2	11.09	364871	20.0
Dodecane, 2,7,10-...	13.40	4.8	ng	79680	3	14.87	329304	20.0
Benzene, 1-(2-but...	13.81	3.5	ng	58174	3	14.87	329304	20.0
Naphthalene, 2,3-...	14.19	6.9	ng	112983	3	14.87	329304	20.0
Naphthalene, 2,6-...	14.25	2.8	ng	46461	3	14.87	329304	20.0
Naphthalene, 1,4,...	15.26	2.9	ng	48130	3	14.87	329304	20.0
Naphthalene, 2,3,...	15.48	2.9	ng	48000	3	14.87	329304	20.0
Pentadecane, 2,6,...	16.09	3.1	ng	51918	3	14.87	329304	20.0
Pentadecane, 2,6,...	16.57	6.8	ng	114235	4	17.61	334775	20.0