LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024003.D
Acq On : 16 Sep 2016 21:15
Operator : UM/SJ
Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

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-BG083116.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	5.122	381	389	396	rBV2	90431	155005	2.64%	0.534%
2	5.604	465	471	481	rBV	496264	831409	14.17%	2.864%
3	6.285	582	587	591	rBV6	32397	64930	1.11%	0.224%
4	7.008	706	710	717	rVB3	54502	84276	1.44%	0.290%
5	7.225	741	747	760	rVB	348433	680214	11.59%	2.343%
6	7.583	801	808	819	rVB	893572	1586587	27.03%	5.465%
7	8.053	883	888	893	rVV	181088	298052	5.08%	1.027%
8	8.106	893	897	903	rVB3	54462	91483	1.56%	0.315%
9	8.376	936	943	952	rVB	785055	1398023	23.82%	4.816%
10	8.576	968	977	983	rBV5	23647	60853	1.04%	0.210%
11	9.234	1082	1089	1100	rBV	738974	1386036	23.61%	4.774%
12	9.405	1113	1118	1127	rVB3	110486	250632	4.27%	0.863%
13	9.551	1136	1143	1150	rVB6	35125	80664	1.37%	0.278%
14	9.945	1203	1210	1215	rBV	81019	145644	2.48%	0.502%
15	10.139	1237	1243	1248	rVB8	42193	87201	1.49%	0.300%
16	10.215	1248	1256	1268	rBV4	133328	326577	5.56%	1.125%
17	10.327	1271	1275	1280	rVB	79327	129661	2.21%	0.447%
18	10.444	1286	1295	1303	rVB4	66520	183647	3.13%	0.633%
19	10.756	1340	1348	1355	rVB6	32575	94816	1.62%	0.327%
20	10.885	1359	1370	1376	rBV	250716	504766	8.60%	1.739%
21	10.938	1376	1379	1383	rVB4	47216	61460	1.05%	0.212%
22	11.014	1388	1392	1396	rVB3	42483	73539	1.25%	0.253%
23	11.090	1400	1405	1410	rVB3	48412	80270	1.37%	0.277%
24	11.173	1413	1419	1424	rBV9	25364	59601	1.02%	0.205%
25	11.284	1434	1438	1447	rVB4	44489	93512	1.59%	0.322%
26	11.484	1465	1472	1478	rVB5	39332	73115	1.25%	0.252%
27	11.572	1482	1487	1488	rBV3	65257	88259	1.50%	0.304%
28	11.660	1497	1502	1505	rBV4	34965	66774	1.14%	0.230%
29	11.701	1505	1509	1519	rVB8	77364	170687	2.91%	0.588%
30	12.165	1585	1588	1600	rVB5	44359	101889	1.74%	0.351%
31	12.289	1604	1609	1612	rBV3	51161	95889	1.63%	0.330%
32	12.500	1640	1645	1652	rVB5	60961	125683	2.14%	0.433%
33	12.635	1661	1668	1673	rBV5	30821	62758	1.07%	0.216%
34	12.735	1680	1685	1690	rBV5	38616	62502	1.06%	0.215%

LSC Area Percent Report

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Data File : BG024003.D
Acq On : 16 Sep 2016 21:15
Operator : UM/SJ
Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

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-BG083116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.788	1690	1694	1698	rBV3	66939	105006	1.79%	0.362%
36	12.841	1698	1703	1706	rVV5	39160	64165	1.09%	0.221%
37	13.011	1727	1732	1736	rBV3	127532	193426	3.30%	0.666%
38	13.229	1762	1769	1773	rBV5	57880	104868	1.79%	0.361%
39	13.340	1779	1788	1799	rVB	2025610	3171312	54.03%	10.924%
40	13.599	1825	1832	1836	rBV10	28809	64344	1.10%	0.222%
41	13.658	1836	1842	1848	rVV3	62676	130677	2.23%	0.450%
42	14.175	1926	1930	1935	rVB3	110106	160618	2.74%	0.553%
43	14.280	1943	1948	1956	rVB3	26736	66214	1.13%	0.228%
44	14.727	2016	2024	2030	rVB	463024	735686	12.53%	2.534%
45	14.938	2054	2060	2066	rBV4	53357	111258	1.90%	0.383%
46	15.138	2085	2094	2104	rVB2	298542	526270	8.97%	1.813%
47	15.344	2122	2129	2135	rBV2	99502	194607	3.32%	0.670%
48	15.467	2142	2150	2152	rBV2	37275	75867	1.29%	0.261%
49	15.502	2152	2156	2161	rVV3	65226	112006	1.91%	0.386%
50	15.684	2178	2187	2192	rBV8	43475	103872	1.77%	0.358%
51	15.943	2227	2231	2236	rVB5	52693	88005	1.50%	0.303%
52	16.048	2244	2249	2254	rBV9	39872	83342	1.42%	0.287%
53	16.231	2273	2280	2287	rBV	2059704	3112002	53.02%	10.720%
54	16.436	2306	2315	2323	rVB4	133012	266653	4.54%	0.919%
55	16.589	2336	2341	2346	rBV4	43033	71351	1.22%	0.246%
56	16.842	2380	2384	2387	rBV3	82217	126874	2.16%	0.437%
57	17.259	2452	2455	2461	rVB2	49191	62306	1.06%	0.215%
58	17.494	2489	2495	2501	rBV2	609552	940151	16.02%	3.239%
59	18.363	2639	2643	2650	rBV4	112588	212618	3.62%	0.732%
60	18.422	2650	2653	2658	rVB4	33485	59133	1.01%	0.204%
61	19.285	2795	2800	2805	rBV2	42287	65008	1.11%	0.224%
62	19.638	2856	2860	2865	rBV6	62655	97418	1.66%	0.336%
63	20.102	2933	2939	2946	rVB	4543677	5869311	100.00%	20.218%
64	21.799	3222	3228	3235	rBV	704605	1230095	20.96%	4.237%
65	25.148	3789	3798	3810	rVB2	382258	1169528	19.93%	4.029%

Sum of corrected areas: 29030405

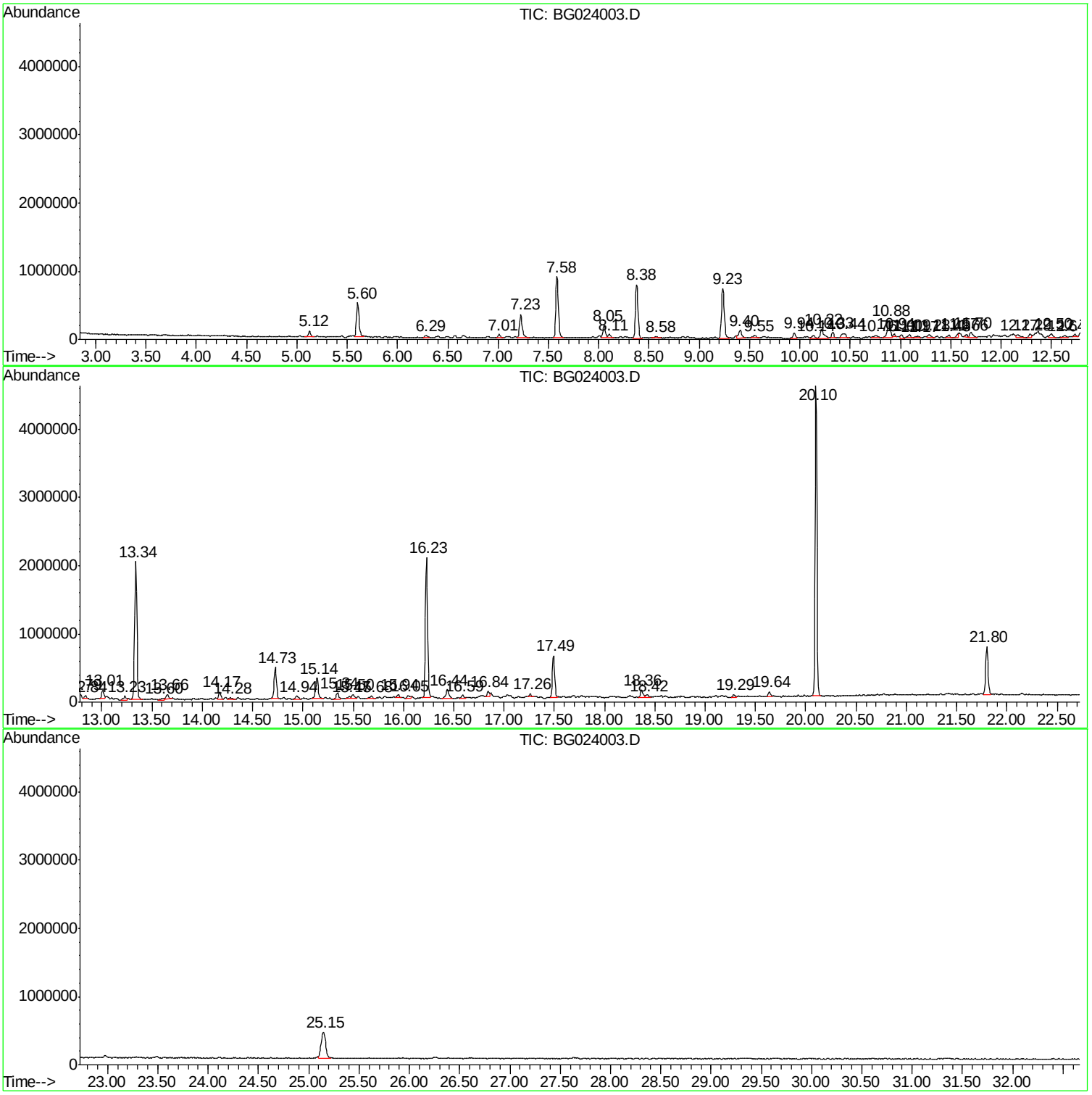
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024003.D
Acq On : 16 Sep 2016 21:15
Operator : UM/SJ
Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.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\BG091616\
Data File : BG024003.D
Acq On : 16 Sep 2016 21:15
Operator : UM/SJ
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

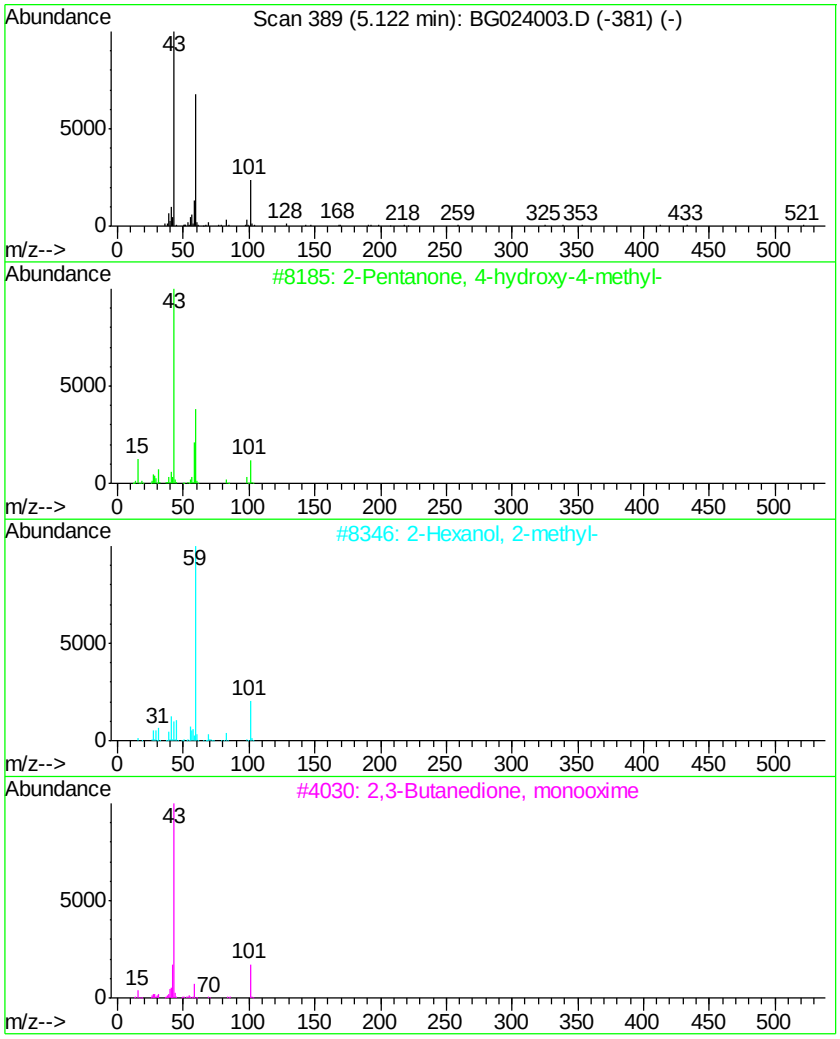
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

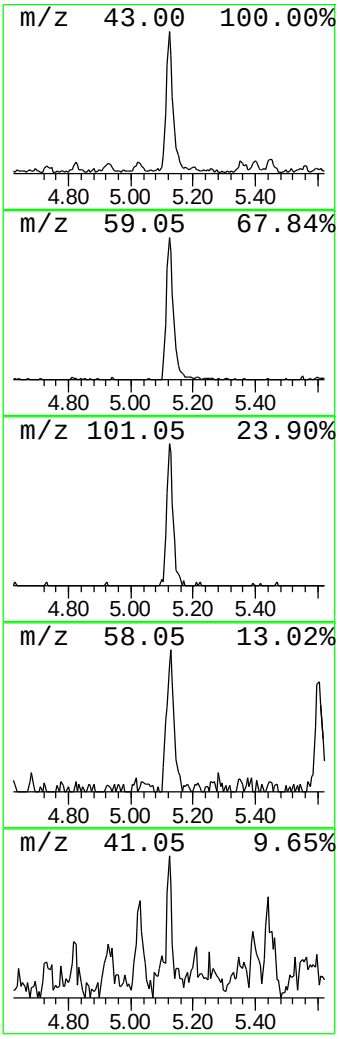
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	10.40 ng	155005	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	32
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	12
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024003.D
Acq On : 16 Sep 2016 21:15
Operator : UM/SJ
Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

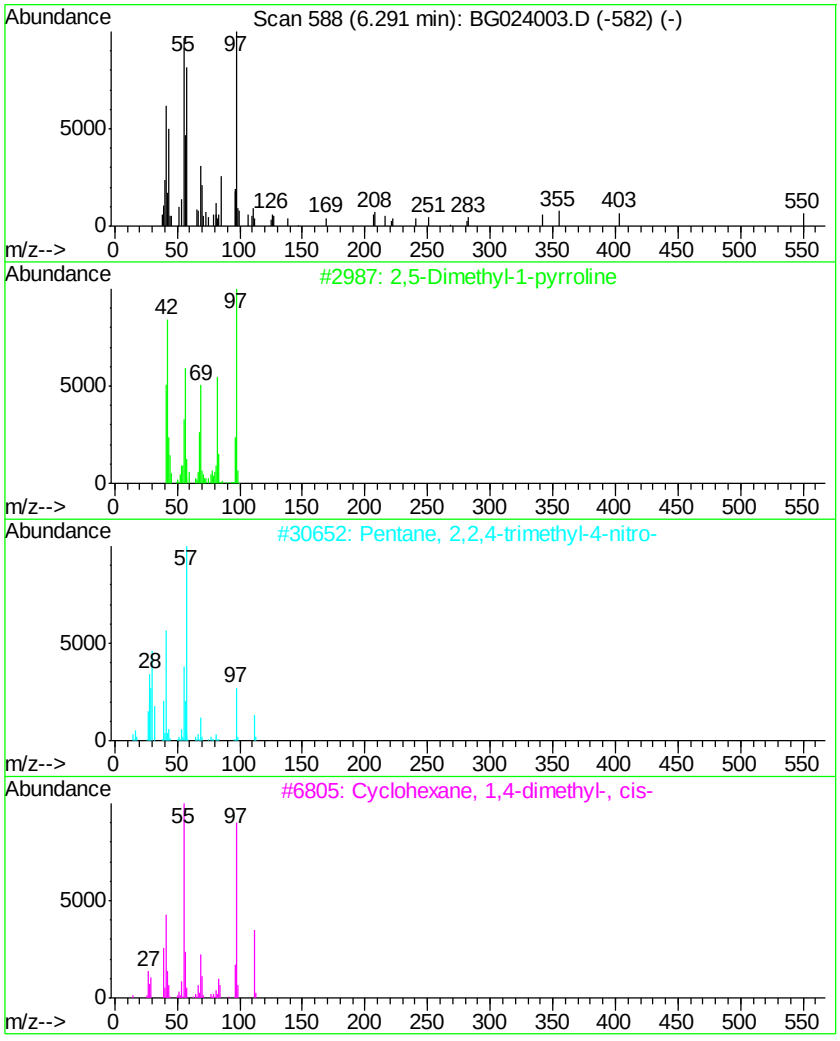
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

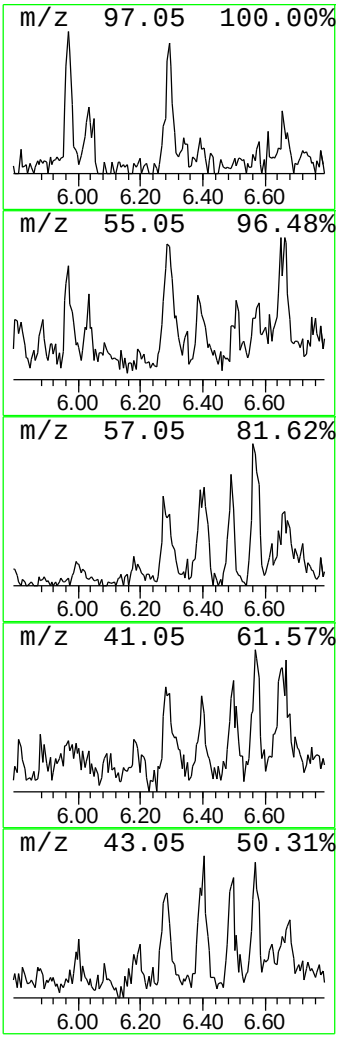
****

Peak Number 2 2,5-Dimethyl-1-pyrroline Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	4.36 ng	64930	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	52
2	Pentane, 2,2,4-trimethyl-4-nitro-	159	C8H17NO2	005342-78-9	50
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	43
4	(S)-(+)-6-Methyl-1-octanol	144	C9H20O	110453-78-6	40
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024003.D
Acq On : 16 Sep 2016 21:15
Operator : UM/SJ
Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

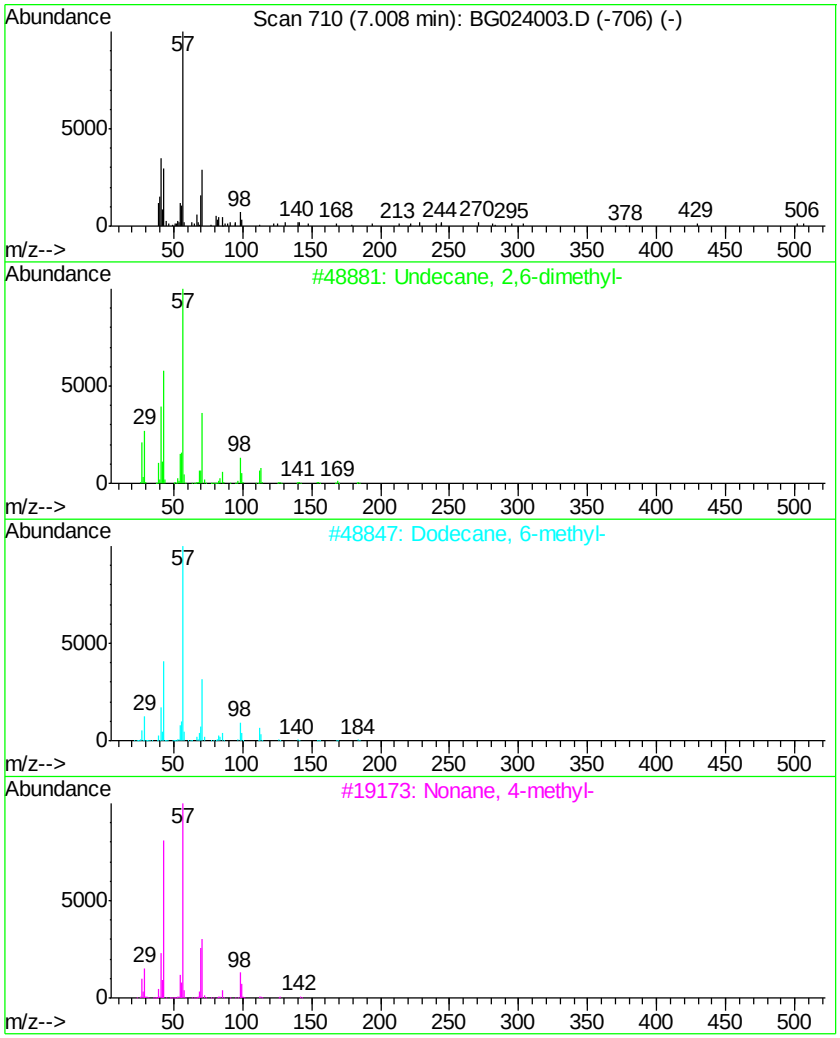
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

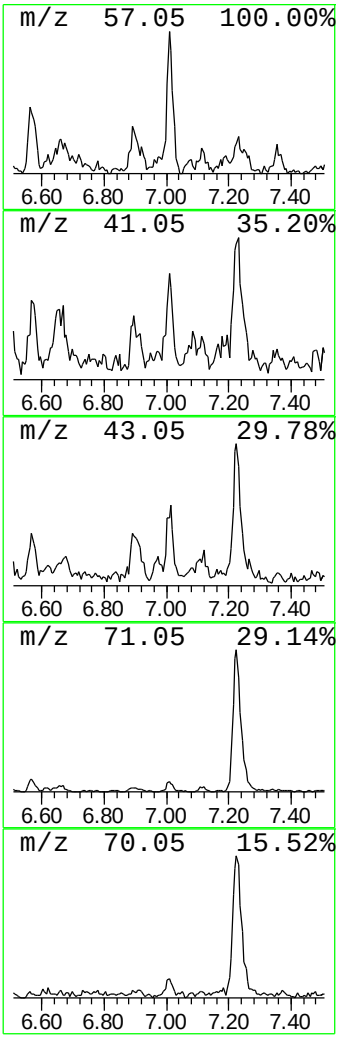
****

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	5.66 ng	84276	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	50
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	40
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	40
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024003.D
Acq On : 16 Sep 2016 21:15
Operator : UM/SJ
Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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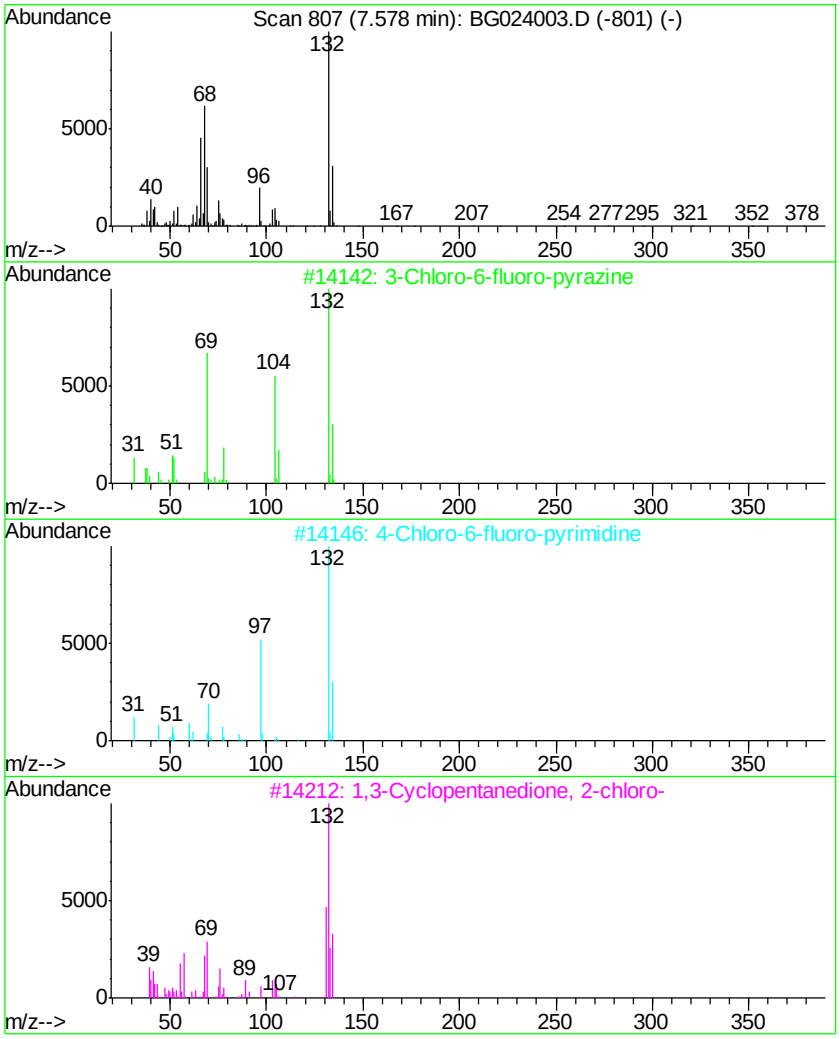
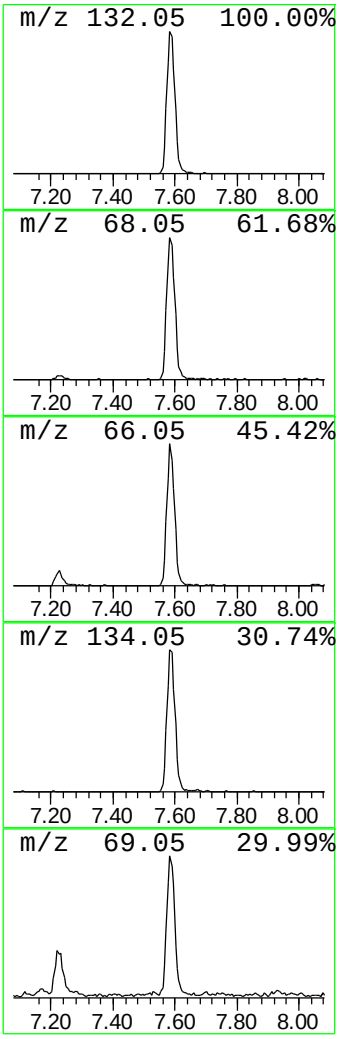
****

Peak Number 4 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	106.46 ng	1586590	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024003.D
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Operator : UM/SJ
Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

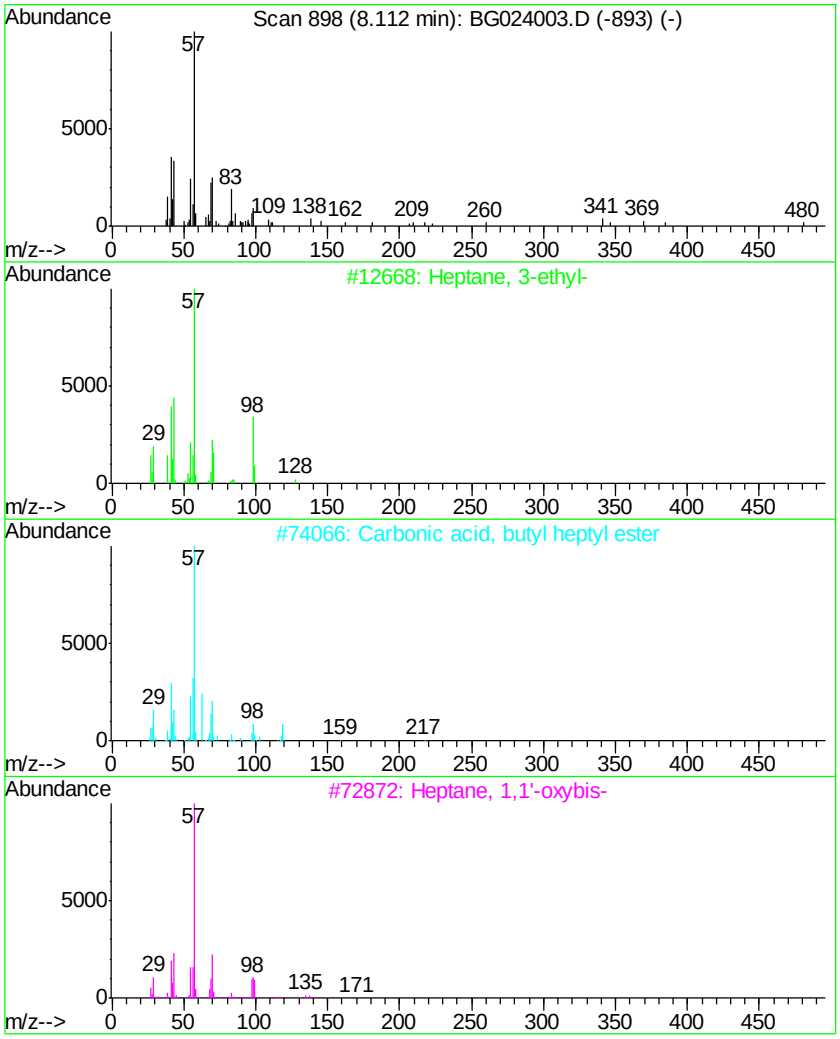
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

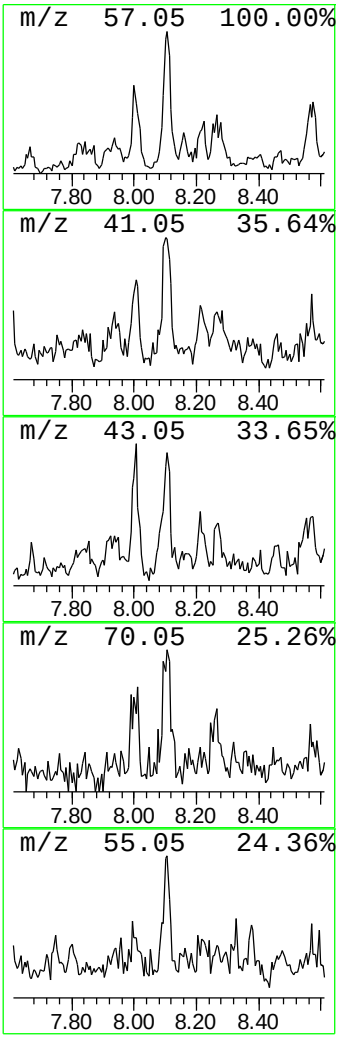
****

Peak Number 5 unknown8.11 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	6.14 ng	91483	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-	128	C9H20	015869-80-4	47
2	Carbonic acid, butyl heptyl ester	216	C12H24O3	1000314-63-4	47
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	38
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	38
5	Methanamine, N-heptylidene-	127	C8H17N	006898-71-1	38





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Operator : UM/SJ
Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

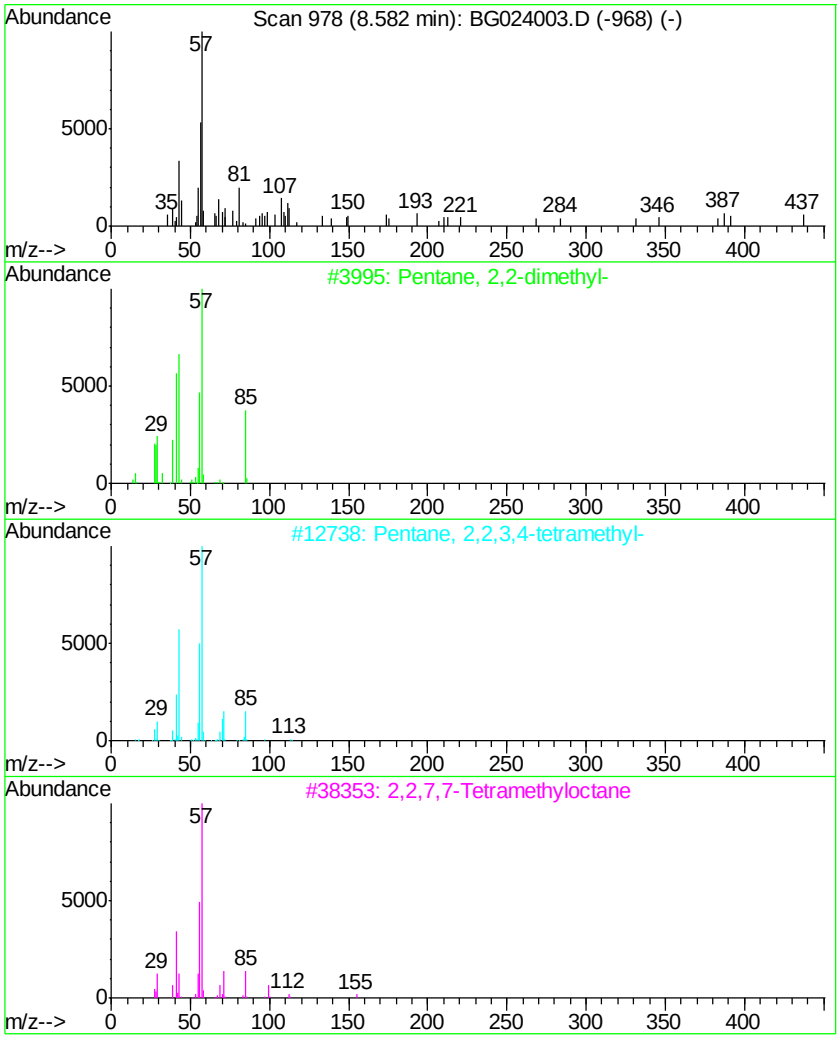
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

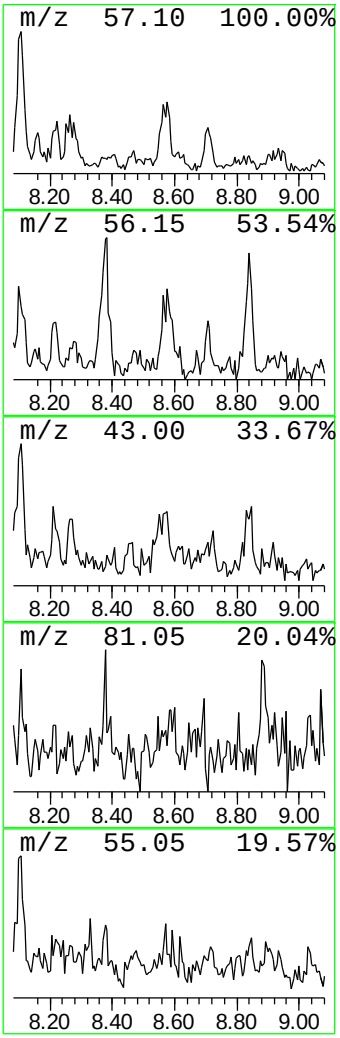
****

Peak Number 7 Pentane, 2,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	4.08 ng	60853	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
3	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	50
4	Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	50
5	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024003.D
Acq On : 16 Sep 2016 21:15
Operator : UM/SJ
Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

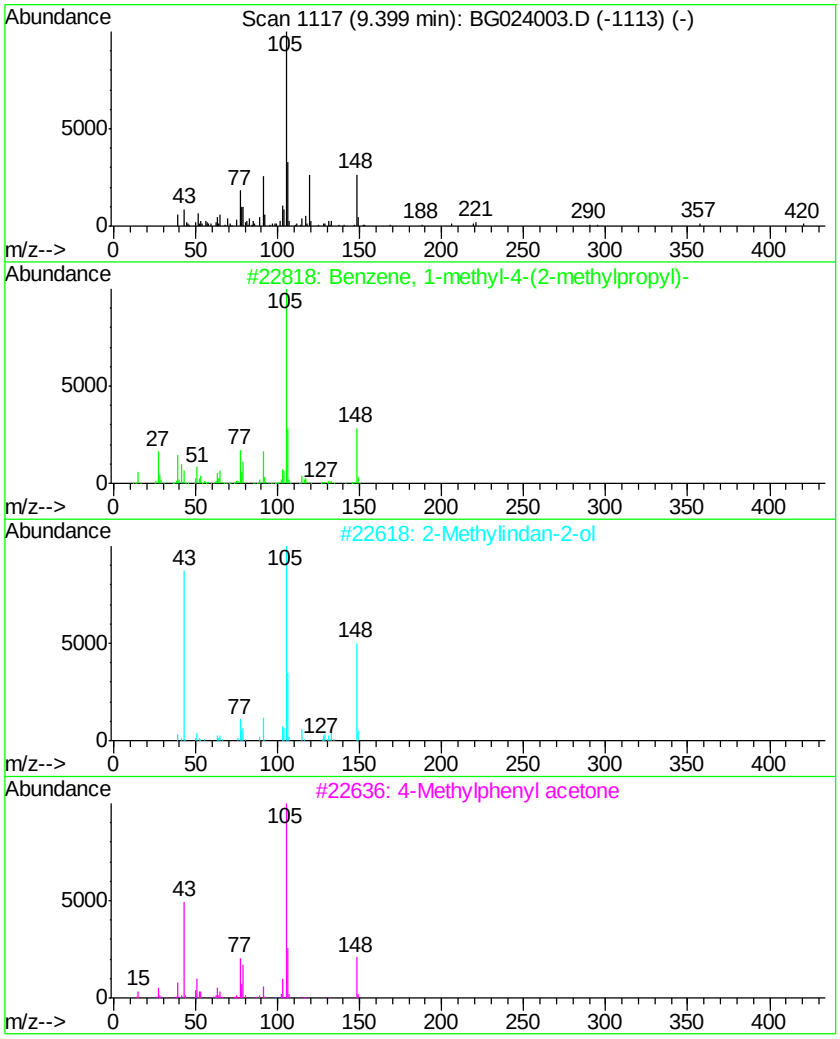
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

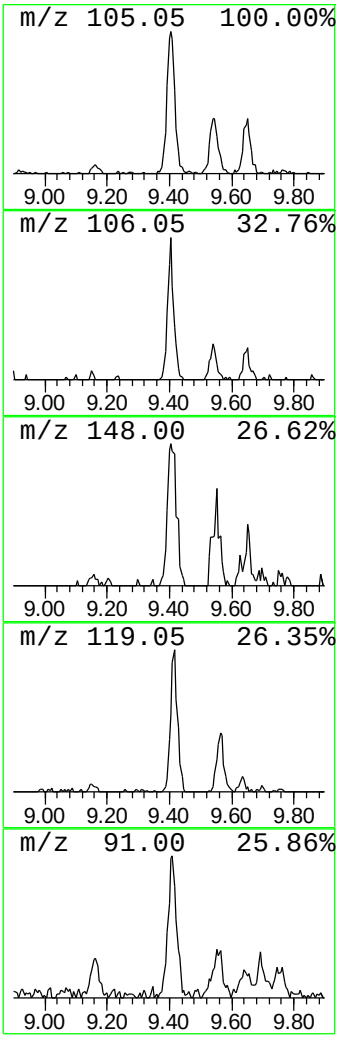
****

Peak Number 8 Benzene, 1-methyl-4-(2-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	16.82 ng	250632	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	74
2	2-Methylindan-2-ol	148	C10H12O	033223-84-6	50
3	4-Methylphenyl acetone	148	C10H12O	002096-86-8	47
4	2,4,6-Cycloheptatrien-1-one, 4-(...	148	C10H12O	013656-81-0	43
5	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	43





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Data File : BG024003.D
Acq On : 16 Sep 2016 21:15
Operator : UM/SJ
Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

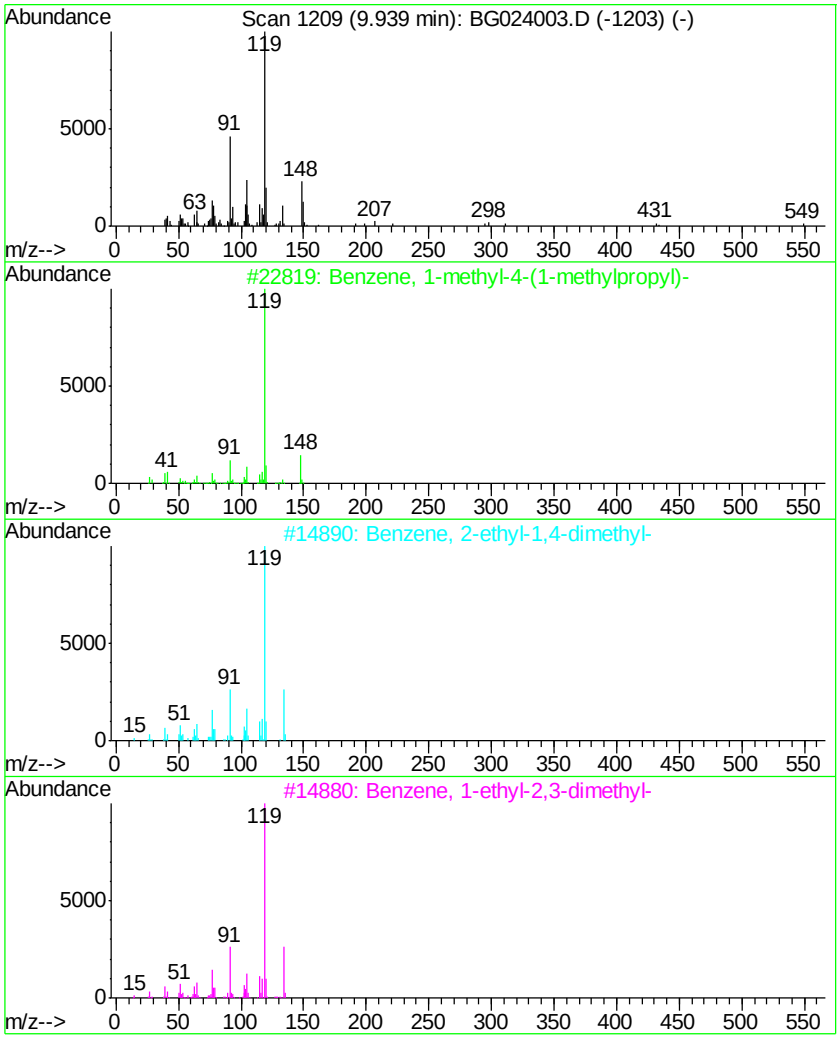
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

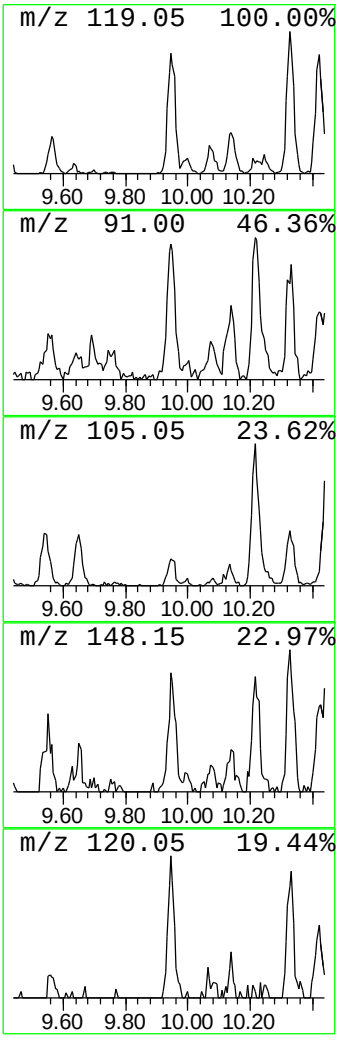
****

Peak Number 9 Benzene, 1-methyl-4-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	5.77 ng	145644	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	74
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	62
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	62
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	62
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49





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Acq On : 16 Sep 2016 21:15
Operator : UM/SJ
Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

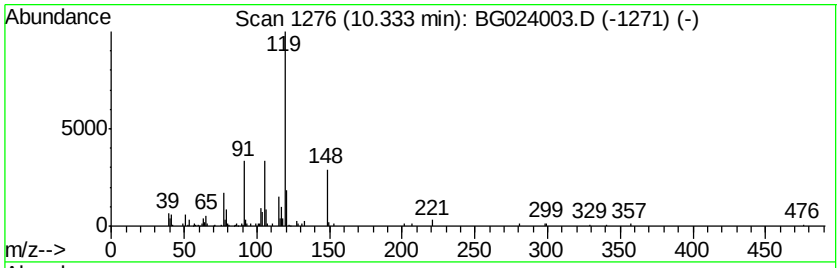
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

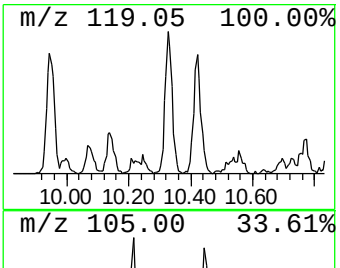
****

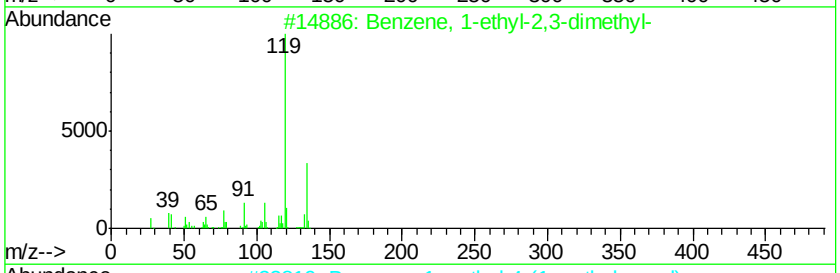
Peak Number 11 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 15

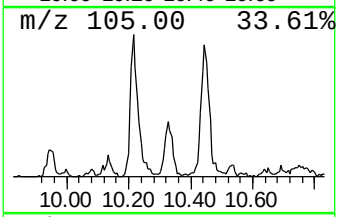
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	5.14 ng	129661	Naphthalene-d8	10.88

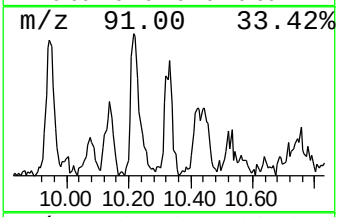
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	72
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	59
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	59
5	.alpha.-Bromomesitylene	198	C9H11Br	027129-86-8	50

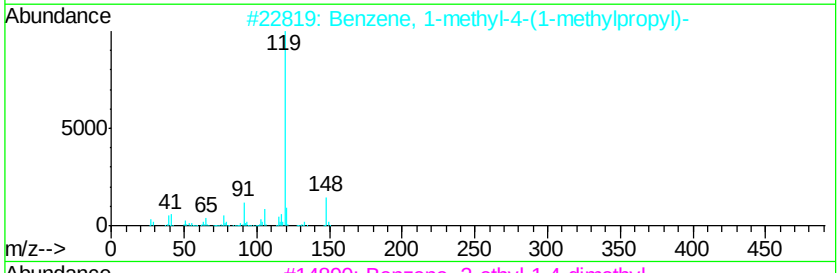


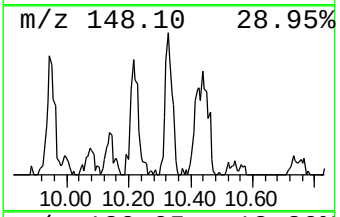


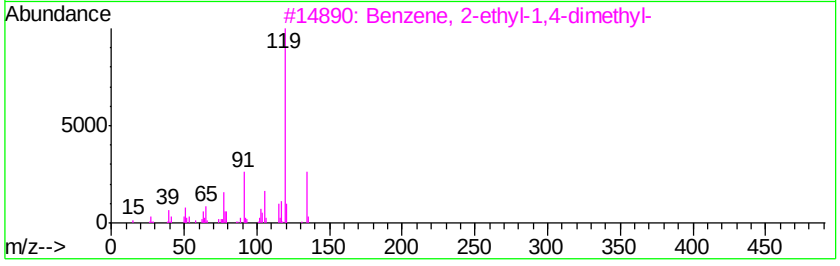


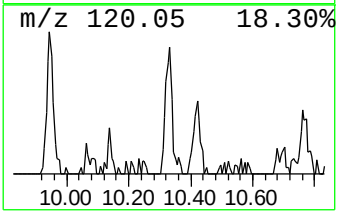












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Data File : BG024003.D
Acq On : 16 Sep 2016 21:15
Operator : UM/SJ
Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

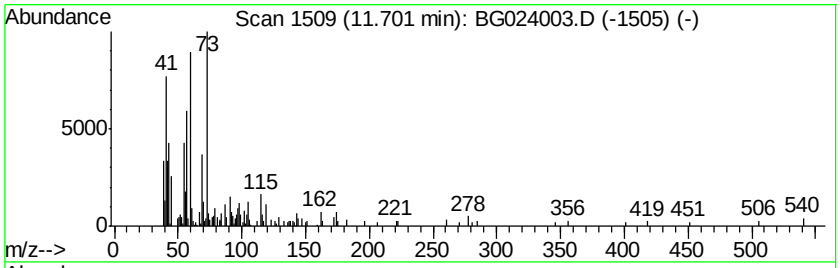
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

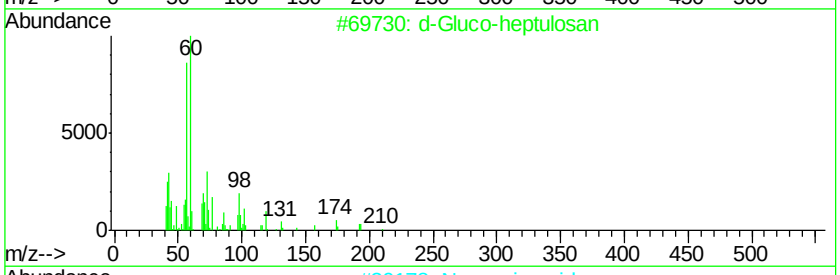
****

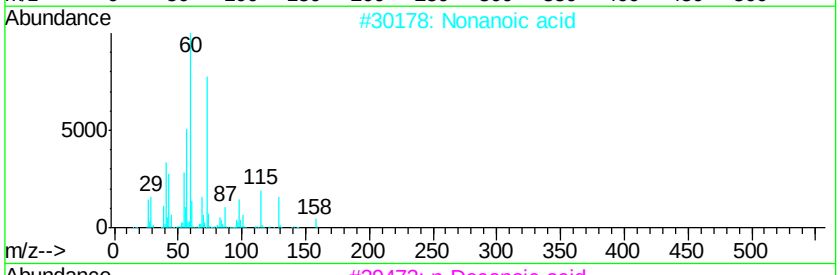
Peak Number 13 d-Gluco-heptulosan Concentration Rank 8

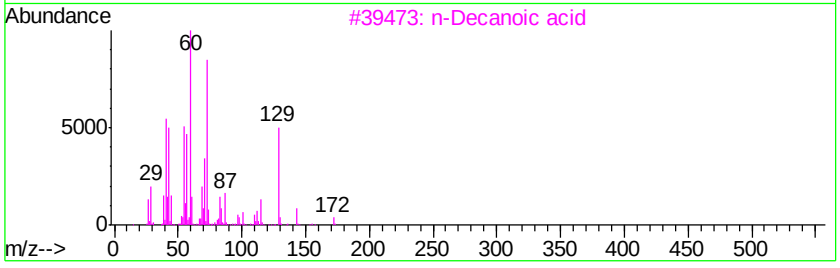
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	6.76 ng	170687	Naphthalene-d8	10.88

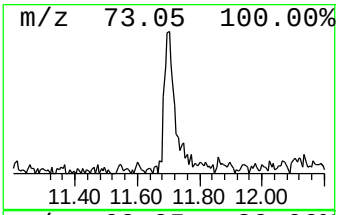
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	d-Gluco-heptulosan	210	C7H14O7	1000126-85-2	64
2	Nonanoic acid	158	C9H18O2	000112-05-0	59
3	n-Decanoic acid	172	C10H20O2	000334-48-5	58
4	2-Acetamido-2-deoxy-d-glucitol	223	C8H17NO6	1000126-95-0	49
5	Hexanoic acid	116	C6H12O2	000142-62-1	45

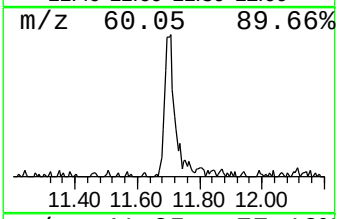


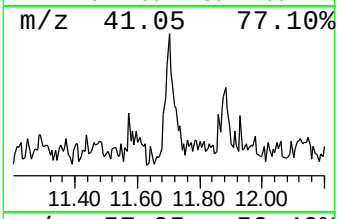


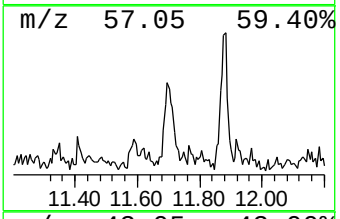


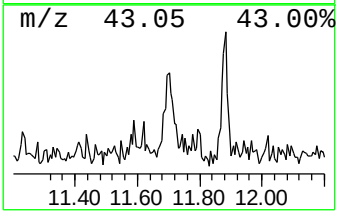












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024003.D
Acq On : 16 Sep 2016 21:15
Operator : UM/SJ
Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

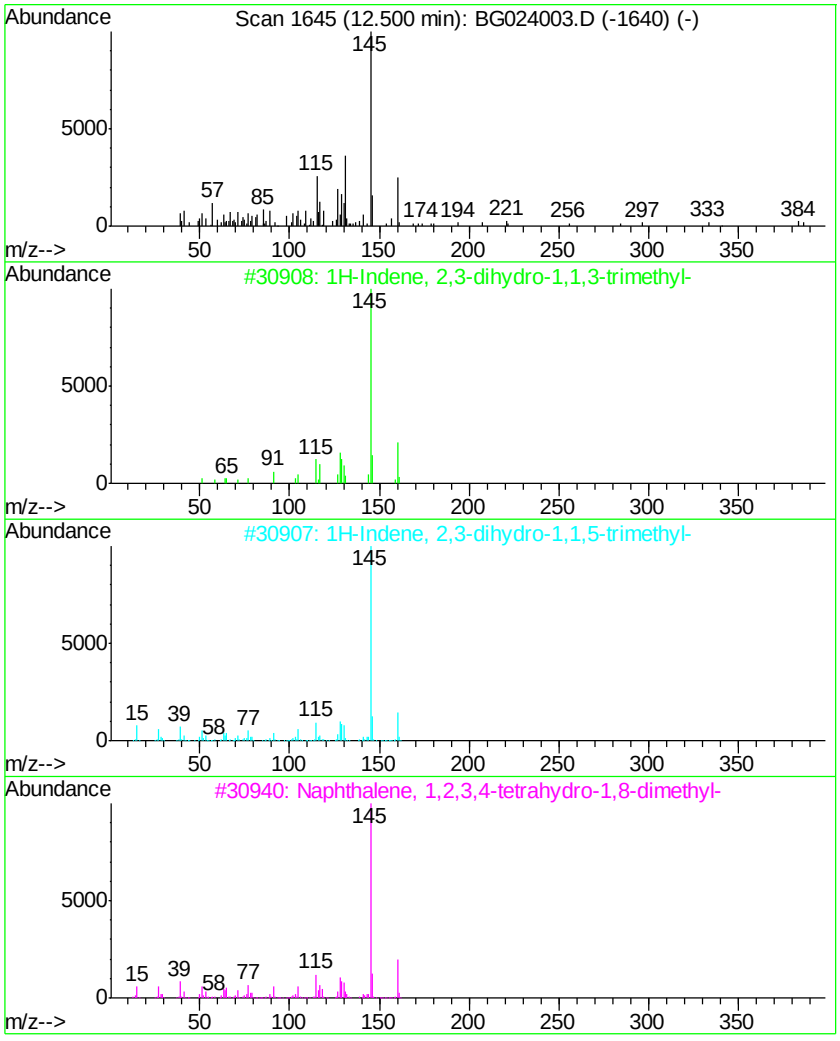
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

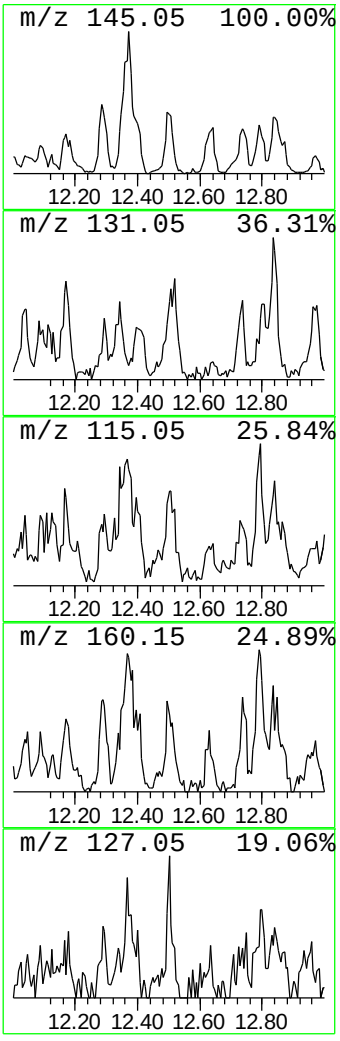
****

Peak Number 14 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	4.98 ng	125683	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	72
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	72
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
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Acq On : 16 Sep 2016 21:15
Operator : UM/SJ
Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

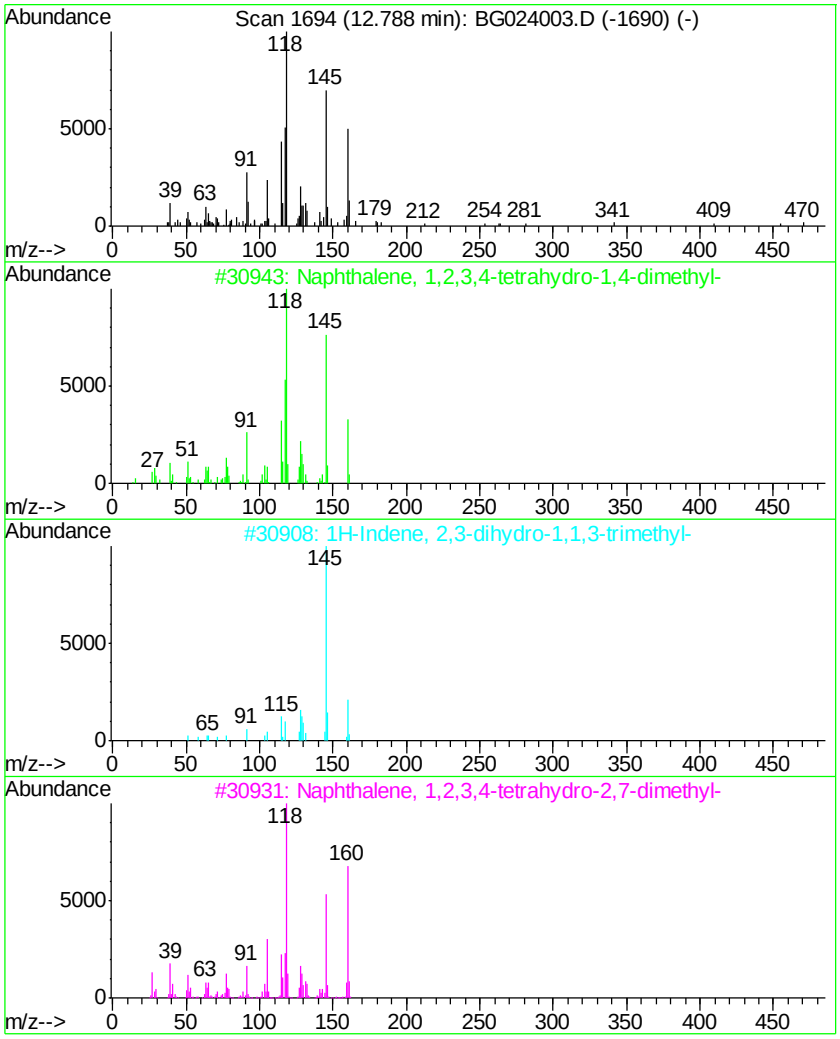
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

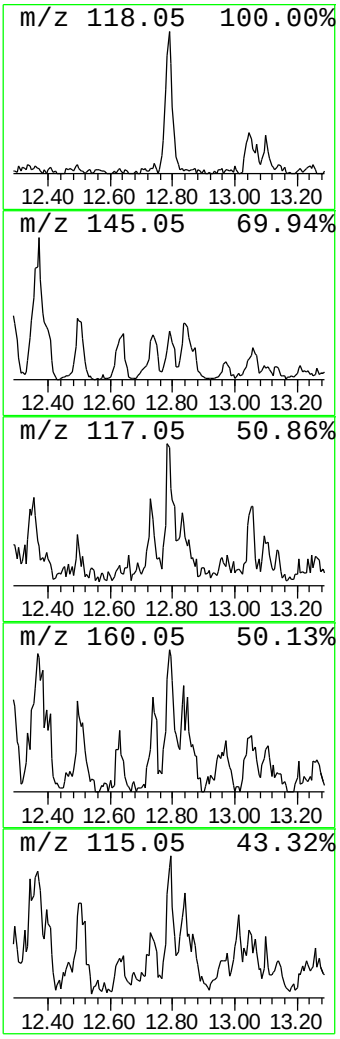
****

Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	4.16 ng	105006	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	97
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	78
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	70
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	62
5	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	50





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Acq On : 16 Sep 2016 21:15
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Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

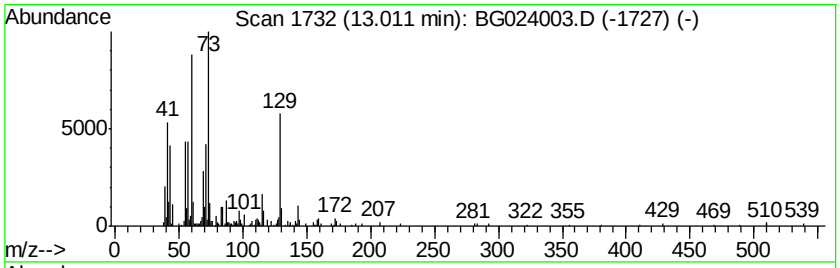
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

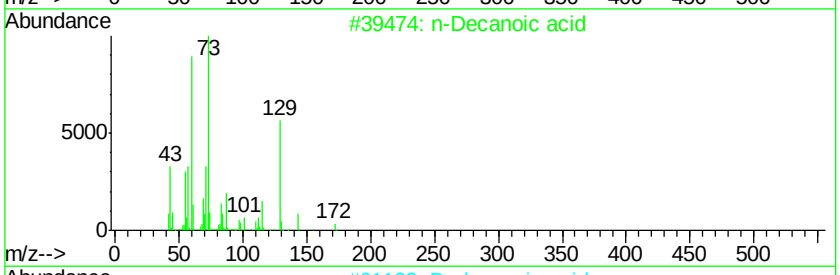
****

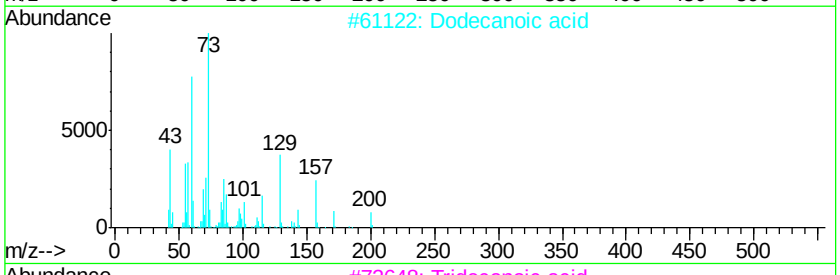
Peak Number 16 n-Decanoic acid Concentration Rank 14

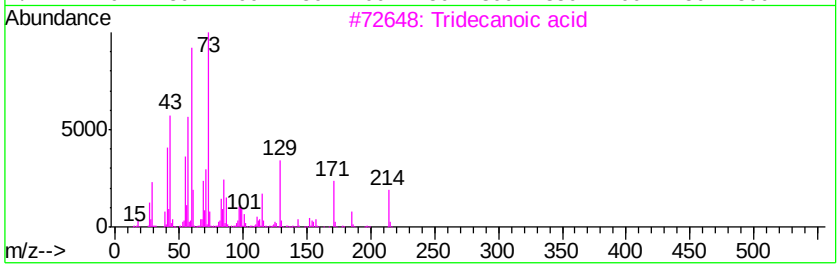
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	5.26 ng	193426	Acenaphthene-d10	14.73

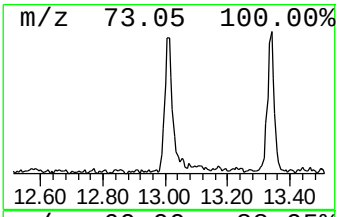
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	91
2	Dodecanoic acid	200	C12H24O2	000143-07-7	42
3	Tridecanoic acid	214	C13H26O2	000638-53-9	40
4	.alpha.-L-Galactopyranoside, met...	178	C7H14O5	014687-15-1	37
5	Xylose	150	C5H10O5	000058-86-6	35

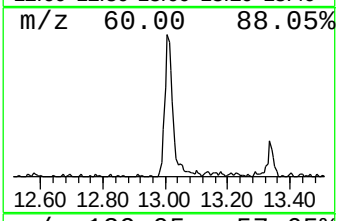


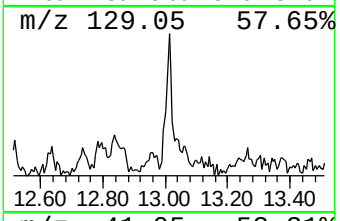


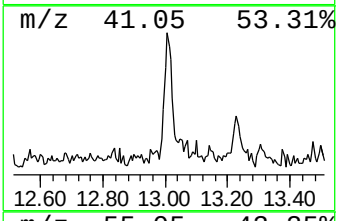


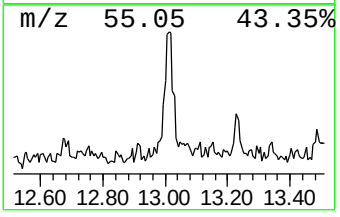












Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024003.D
Acq On : 16 Sep 2016 21:15
Operator : UM/SJ
Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

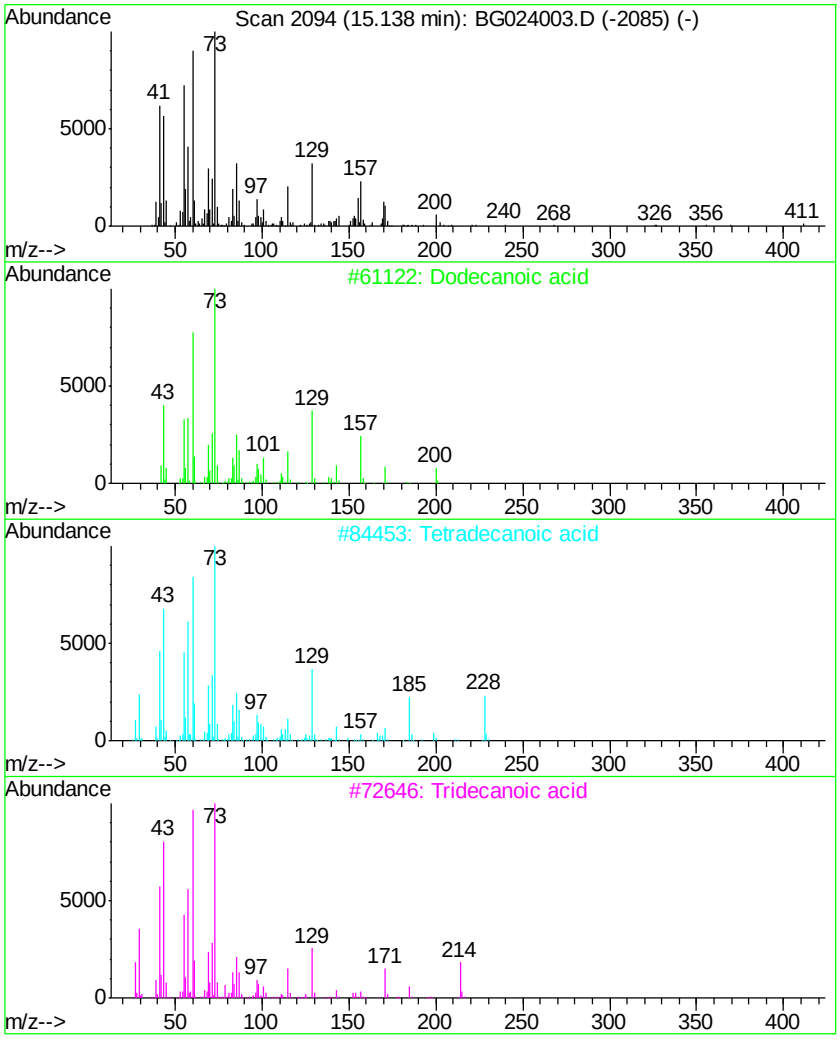
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

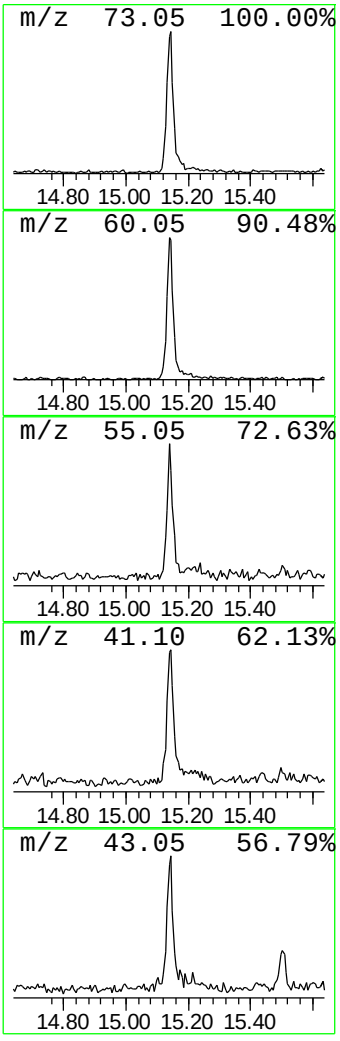
****

Peak Number 17 Dodecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	14.31 ng	526270	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	55
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
3	Tridecanoic acid	214	C13H26O2	000638-53-9	52
4	Nonanoic acid	158	C9H18O2	000112-05-0	49
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024003.D
Acq On : 16 Sep 2016 21:15
Operator : UM/SJ
Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

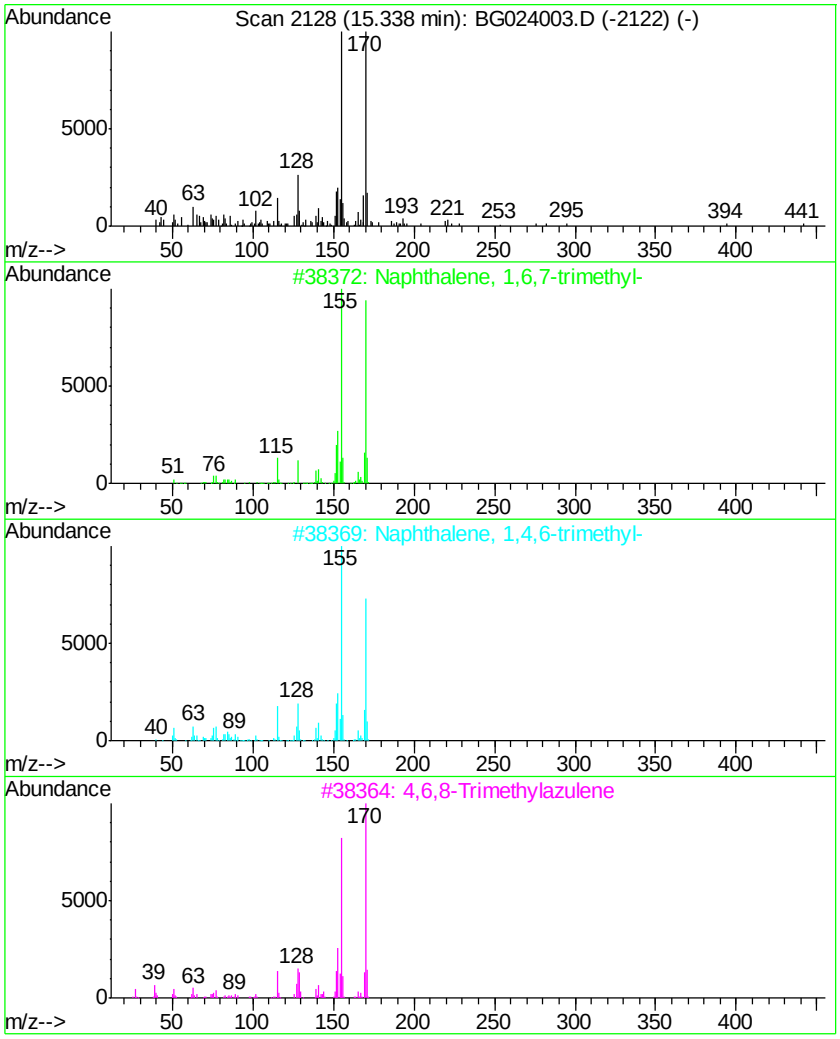
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

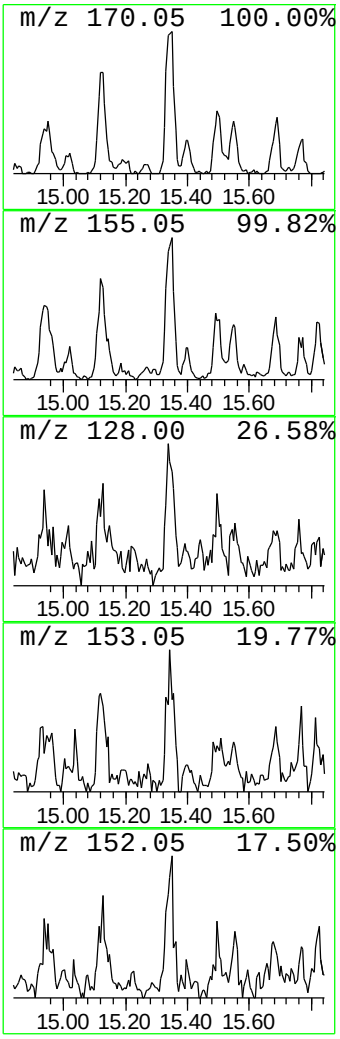
****

Peak Number 18 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	5.29 ng	194607	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	80





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Data File : BG024003.D
Acq On : 16 Sep 2016 21:15
Operator : UM/SJ
Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

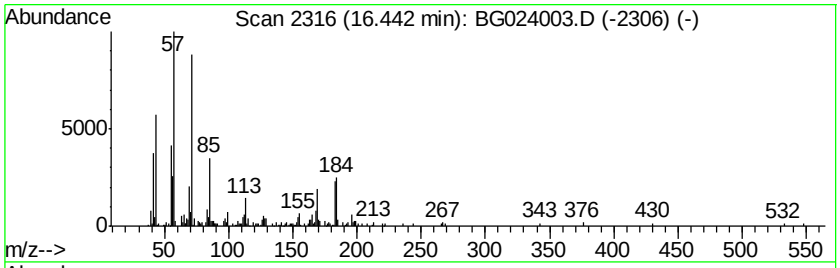
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

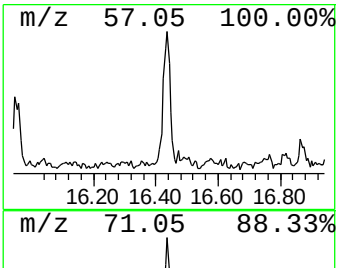
****

Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	5.67 ng	266653	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
2	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	72
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Docosane	310	C22H46	000629-97-0	60





Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024003.D
Acq On : 16 Sep 2016 21:15
Operator : UM/SJ
Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

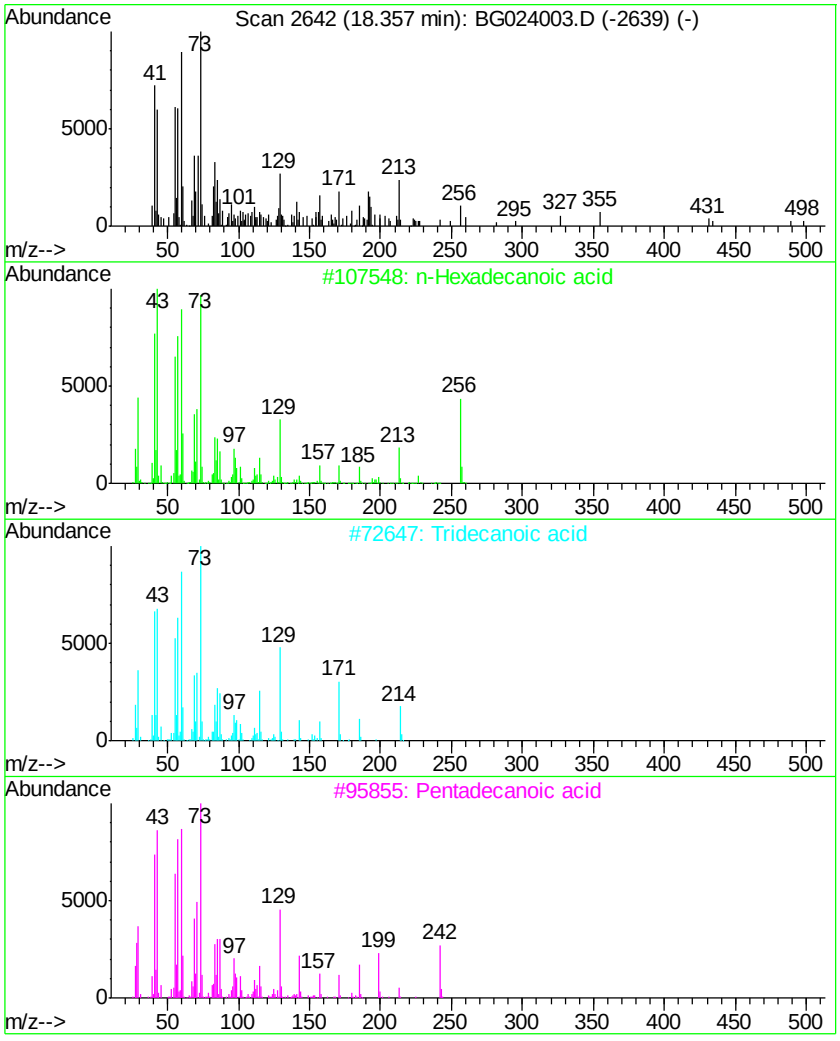
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

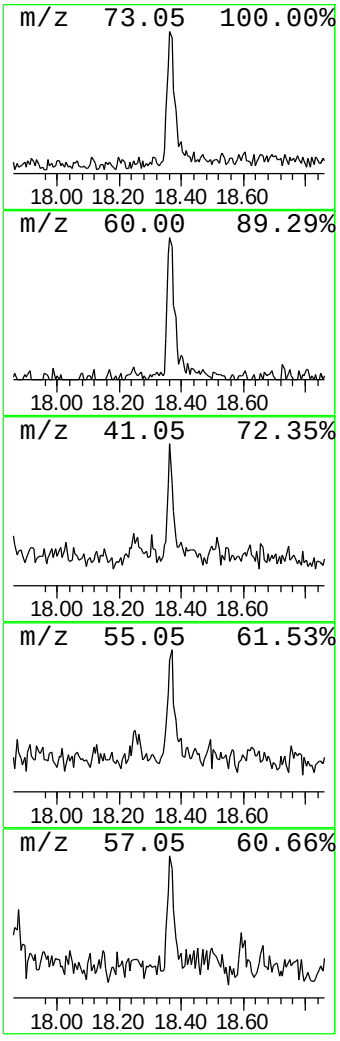
****

Peak Number 20 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	4.52 ng	212618	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5	Octadecanoic acid	284	C18H36O2	000057-11-4	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091616\
Data File : BG024003.D
Acq On : 16 Sep 2016 21:15
Operator : UM/SJ
Sample : H4813-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.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...	5.12	10.4	ng	155005	1	8.05	298052	20.0
2,5-Dimethyl-1-py...	6.29	4.4	ng	64930	1	8.05	298052	20.0
Undecane, 2,6-dim...	7.01	5.7	ng	84276	1	8.05	298052	20.0
unknown7.58	7.58	106.5	ng	1586590	1	8.05	298052	20.0
unknown8.11	8.11	6.1	ng	91483	1	8.05	298052	20.0
Pentane, 2,2-dime...	8.58	4.1	ng	60853	1	8.05	298052	20.0
Benzene, 1-methyl...	9.40	16.8	ng	250632	1	8.05	298052	20.0
Benzene, 1-methyl...	9.94	5.8	ng	145644	2	10.88	504766	20.0
Benzene, 1-ethyl-...	10.33	5.1	ng	129661	2	10.88	504766	20.0
d-Gluco-heptulosan	11.70	6.8	ng	170687	2	10.88	504766	20.0
1H-Indene, 2,3-di...	12.50	5.0	ng	125683	2	10.88	504766	20.0
Naphthalene, 1,2,...	12.79	4.2	ng	105006	2	10.88	504766	20.0
n-Decanoic acid	13.01	5.3	ng	193426	3	14.73	735686	20.0
Dodecanoic acid	15.14	14.3	ng	526270	3	14.73	735686	20.0
Naphthalene, 1,6,...	15.34	5.3	ng	194607	3	14.73	735686	20.0
Pentadecane, 2,6,...	16.44	5.7	ng	266653	4	17.49	940151	20.0
n-Hexadecanoic acid	18.36	4.5	ng	212618	4	17.49	940151	20.0