LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016826.D
Acq On : 30 Apr 2015 9:00
Operator : TP/IZ
Sample : G2041-05 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-02

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-BG042915.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	4.670	332	337	342	rBV	13408	20715	2.70%	0.342%
2	5.157	415	420	428	rBV	71033	108661	14.15%	1.792%
3	6.767	688	694	706	rBV	81419	140319	18.28%	2.314%
4	7.102	746	751	758	rBV	93777	150360	19.59%	2.479%
5	7.561	823	829	838	rVB	210743	332357	43.29%	5.480%
6	7.878	876	883	891	rBV	67212	109190	14.22%	1.800%
7	8.724	1021	1027	1040	rBV	45762	90029	11.73%	1.485%
8	10.345	1297	1303	1312	rBV	284471	491660	64.05%	8.107%
9	10.510	1327	1331	1337	rVB3	9399	14535	1.89%	0.240%
10	11.374	1472	1478	1487	rBV4	23190	46747	6.09%	0.771%
11	11.532	1500	1505	1509	rVB6	5374	8648	1.13%	0.143%
12	11.626	1517	1521	1525	rBV6	5608	9671	1.26%	0.159%
13	11.867	1558	1562	1566	rBV5	3846	7815	1.02%	0.129%
14	11.926	1566	1572	1576	rBV8	5377	10299	1.34%	0.170%
15	12.008	1582	1586	1592	rVB7	8632	14578	1.90%	0.240%
16	12.085	1595	1599	1603	rBV5	5505	8983	1.17%	0.148%
17	12.414	1650	1655	1660	rBV9	5048	11136	1.45%	0.184%
18	12.484	1664	1667	1674	rVB4	7601	14535	1.89%	0.240%
19	12.637	1688	1693	1700	rVB8	6749	12943	1.69%	0.213%
20	12.749	1707	1712	1717	rVB	43863	60017	7.82%	0.990%
21	12.796	1717	1720	1722	rBV3	6227	8898	1.16%	0.147%
22	12.837	1722	1727	1735	rVB	136683	207361	27.01%	3.419%
23	13.013	1755	1757	1762	rVB6	7938	8774	1.14%	0.145%
24	13.060	1762	1765	1769	rBV5	9623	13633	1.78%	0.225%
25	13.201	1787	1789	1795	rVB6	7252	9121	1.19%	0.150%
26	13.277	1795	1802	1804	rBV6	4783	8826	1.15%	0.146%
27	13.630	1856	1862	1866	rBV5	17043	27612	3.60%	0.455%
28	13.700	1868	1874	1879	rBV3	54287	82115	10.70%	1.354%
29	13.877	1899	1904	1907	rVB6	5680	8810	1.15%	0.145%
30	13.912	1907	1910	1914	rBV5	6968	9760	1.27%	0.161%
31	14.041	1928	1932	1935	rBV4	11345	15799	2.06%	0.261%
32	14.112	1940	1944	1945	rBV4	6191	7749	1.01%	0.128%
33	14.223	1950	1963	1971	rBV2	436600	695235	90.56%	11.464%
34	14.552	2012	2019	2021	rBV8	7860	17711	2.31%	0.292%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016826.D
Acq On : 30 Apr 2015 9:00
Operator : TP/IZ
Sample : G2041-05 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-02

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-BG042915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.635	2028	2033	2035	rBV4	11564	18790	2.45%	0.310%
36	14.746	2047	2052	2058	rBV4	17450	28673	3.74%	0.473%
37	14.934	2080	2084	2088	rBV8	5779	9876	1.29%	0.163%
38	15.263	2137	2140	2143	rBV5	4881	7683	1.00%	0.127%
39	15.487	2171	2178	2184	rVB	47382	78411	10.21%	1.293%
40	15.569	2190	2192	2199	rVB8	6803	11122	1.45%	0.183%
41	15.722	2209	2218	2223	rBV2	81921	139251	18.14%	2.296%
42	15.962	2252	2259	2264	rBV	87404	134759	17.55%	2.222%
43	16.280	2309	2313	2317	rBV6	5248	10268	1.34%	0.169%
44	16.338	2321	2323	2328	rVB5	9219	12645	1.65%	0.209%
45	16.785	2392	2399	2409	rVB	53047	96728	12.60%	1.595%
46	16.967	2424	2430	2435	rBV	496502	704615	91.79%	11.619%
47	17.102	2450	2453	2457	rVB6	6275	9933	1.29%	0.164%
48	17.384	2497	2501	2506	rVB7	14422	20835	2.71%	0.344%
49	17.895	2585	2588	2592	rVB6	7811	9829	1.28%	0.162%
50	19.035	2777	2782	2786	rBV	44828	62224	8.11%	1.026%
51	19.394	2835	2843	2853	rBV	41803	84998	11.07%	1.402%
52	19.599	2874	2878	2883	rBV	184622	240853	31.37%	3.972%
53	19.917	2925	2932	2936	rVB6	15160	30165	3.93%	0.497%
54	19.999	2942	2946	2948	rVB3	9107	10883	1.42%	0.179%
55	20.874	3091	3095	3100	rBV7	26640	42845	5.58%	0.706%
56	20.945	3105	3107	3113	rVB6	13755	19588	2.55%	0.323%
57	21.156	3137	3143	3148	rBV	585576	767668	100.00%	12.658%
58	23.354	3511	3517	3535	rVB	374555	727245	94.73%	11.992%

Sum of corrected areas: 6064489

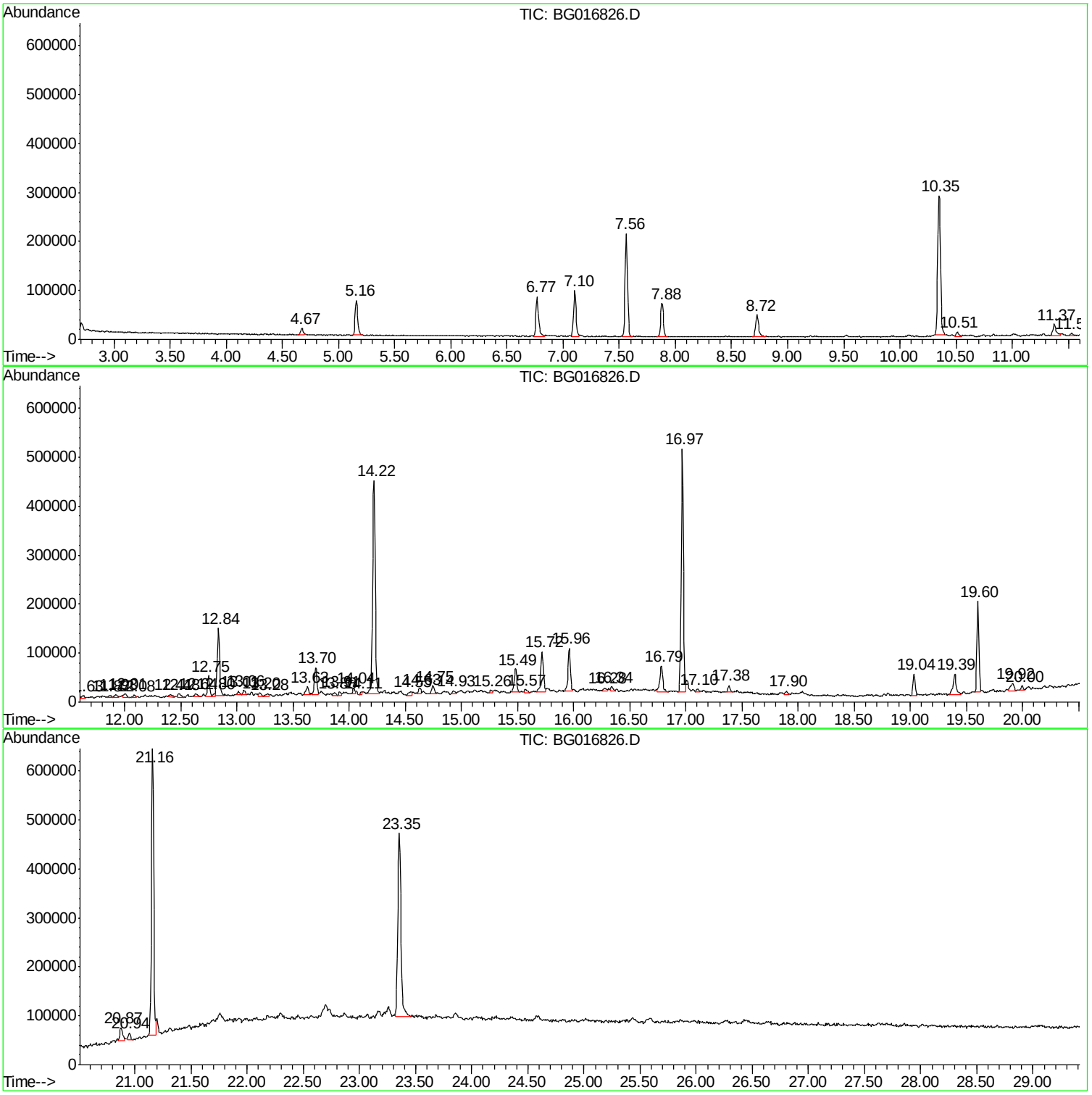
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016826.D
Acq On : 30 Apr 2015 9:00
Operator : TP/IZ
Sample : G2041-05 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.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\BG042915\
Data File : BG016826.D
Acq On : 30 Apr 2015 9:00
Operator : TP/IZ
Sample : G2041-05 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

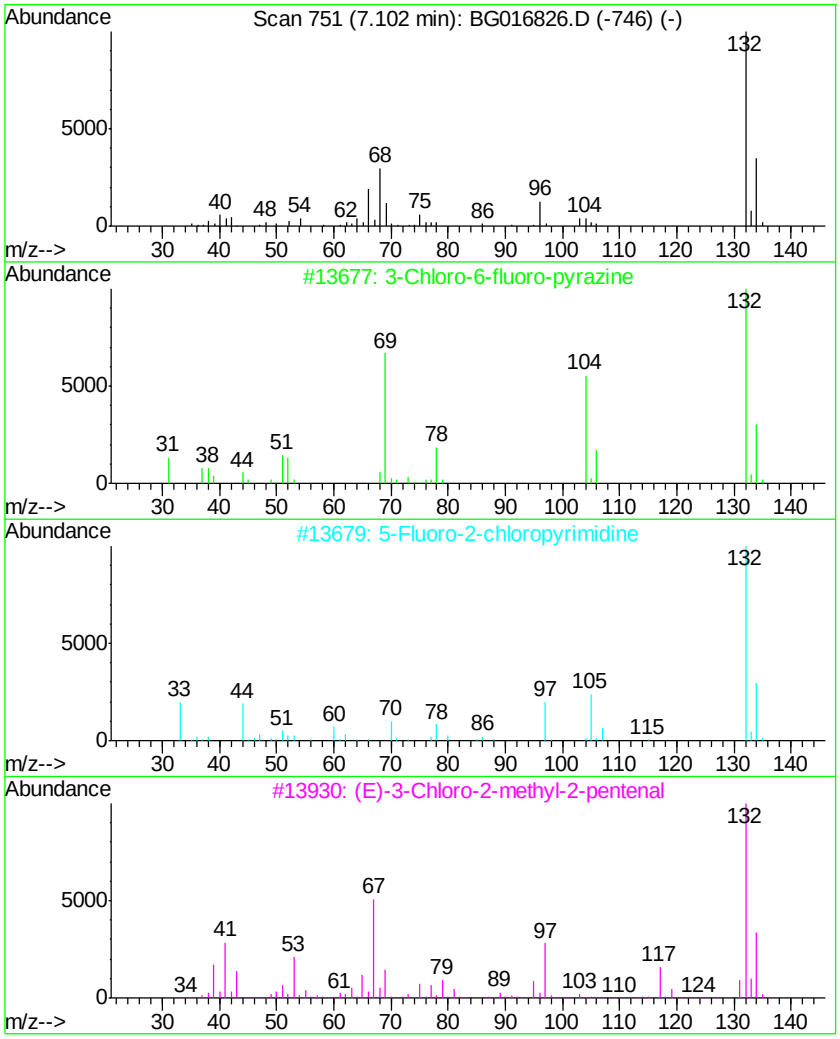
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

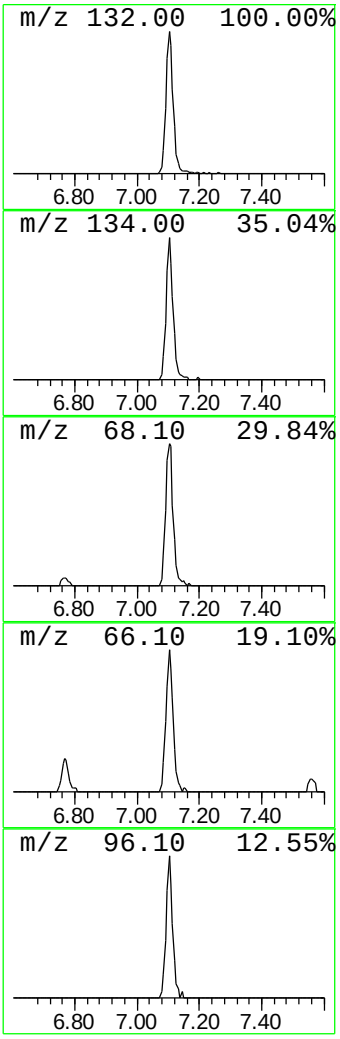
****

Peak Number 1 unknown7.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	9.05 ng	150360	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4	N-(1,2,3,4-Tetrahydro-isoquinoli...	302	C16H18N2O2S	1000274-62-8	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016826.D
Acq On : 30 Apr 2015 9:00
Operator : TP/IZ
Sample : G2041-05 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

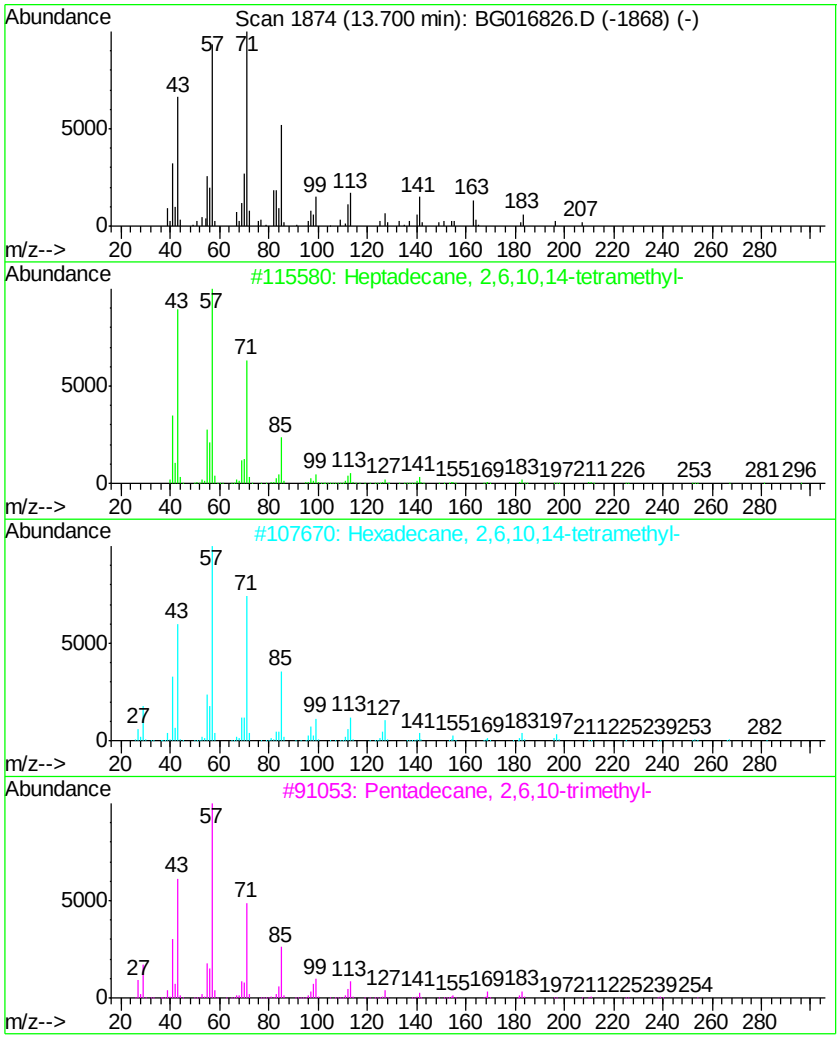
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

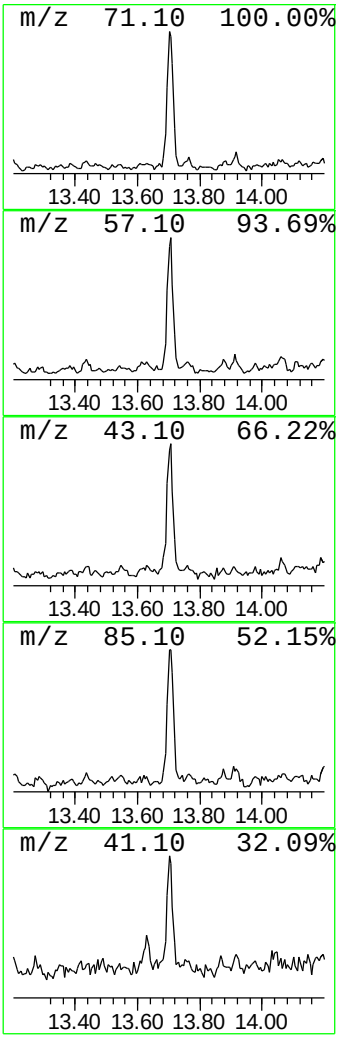
****

Peak Number 3 Heptadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	2.36 ng	82115	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	59
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016826.D
Acq On : 30 Apr 2015 9:00
Operator : TP/IZ
Sample : G2041-05 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

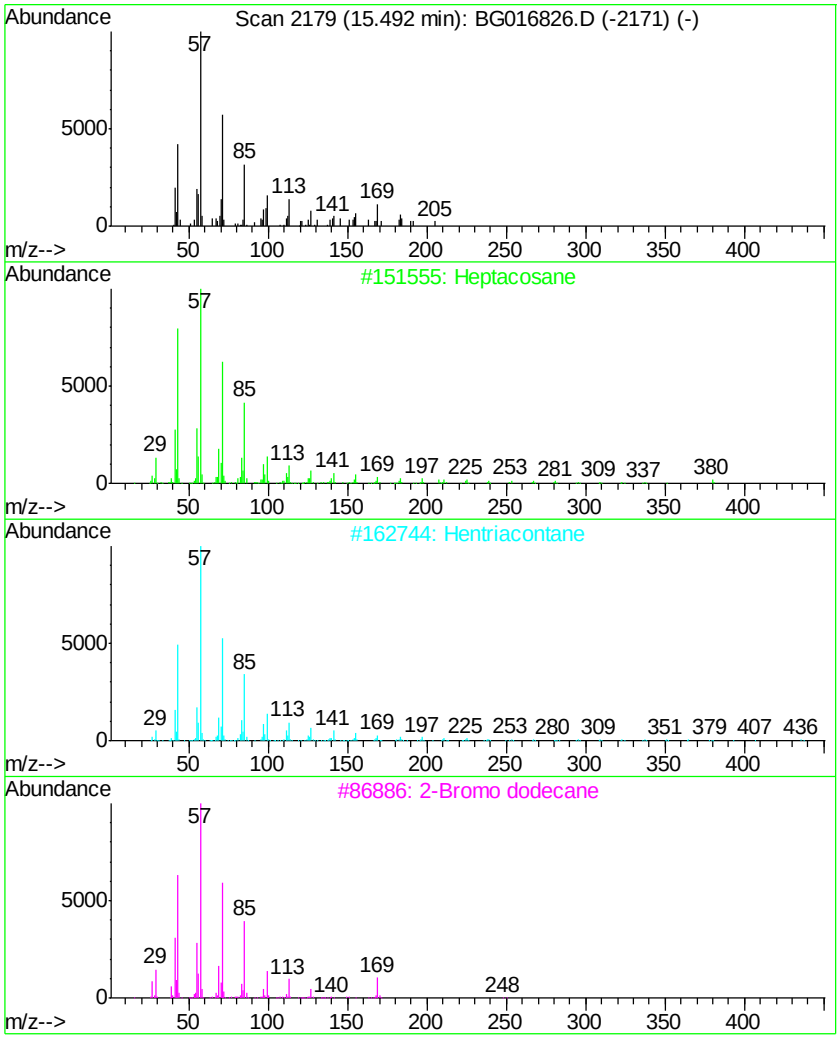
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

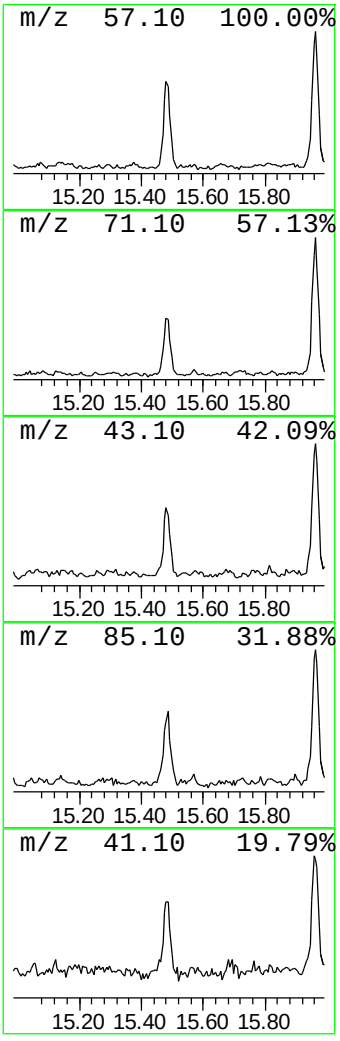
****

Peak Number 4 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.26 ng	78411	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	80
2	Hentriacontane	437	C31H64	000630-04-6	80
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	68
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016826.D
Acq On : 30 Apr 2015 9:00
Operator : TP/IZ
Sample : G2041-05 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

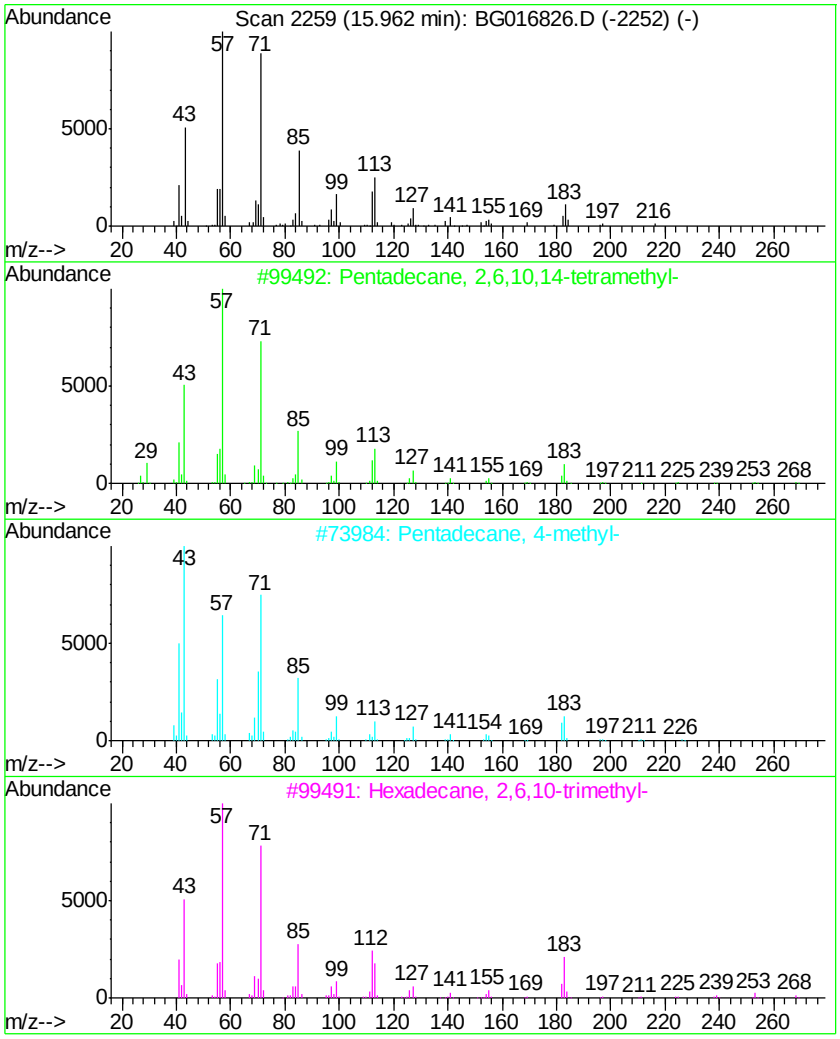
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

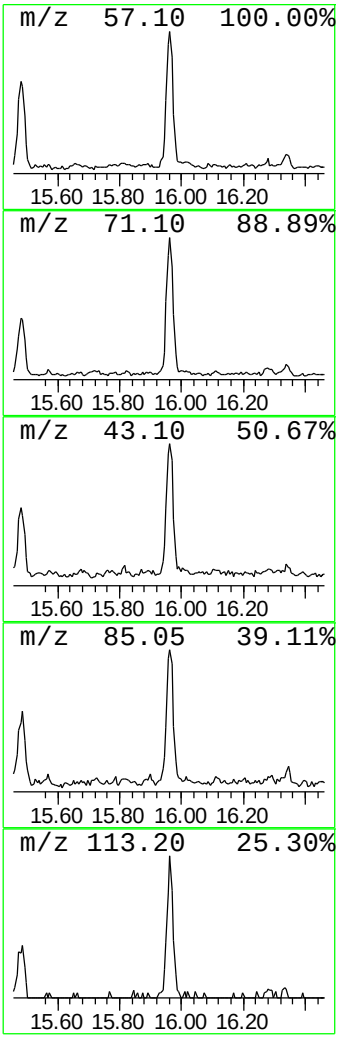
****

Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	3.83 ng	134759	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	80
3	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	78
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
5	Decane, 3-methyl-	156	C11H24	013151-34-3	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016826.D
Acq On : 30 Apr 2015 9:00
Operator : TP/IZ
Sample : G2041-05 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

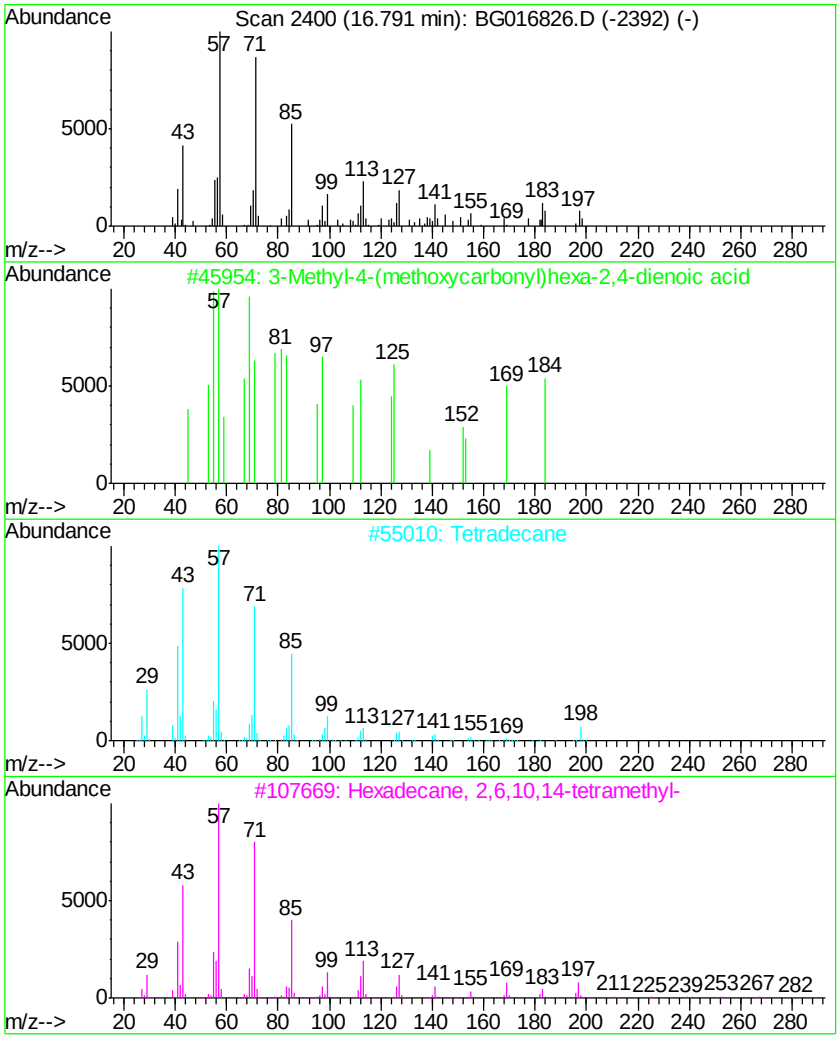
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

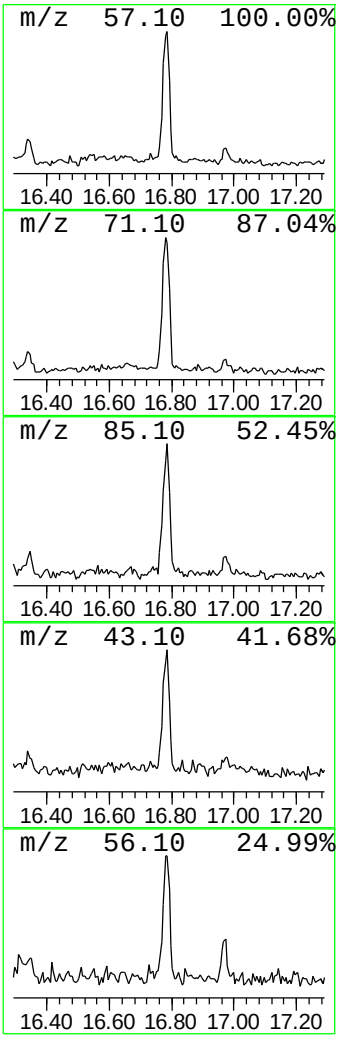
****

Peak Number 6 3-Methyl-4-(methoxycarbonyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	2.75 ng	96728	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	94
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4	Tridecane	184	C13H28	000629-50-5	72
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042915\
Data File : BG016826.D
Acq On : 30 Apr 2015 9:00
Operator : TP/IZ
Sample : G2041-05 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.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
unknown7.10	7.10	9.1	ng	150360	1	7.56	332357	20.0
Heptadecane, 2,6,...	13.70	2.4	ng	82115	3	14.22	695235	20.0
Heptacosane	15.49	2.3	ng	78411	3	14.22	695235	20.0
Pentadecane, 2,6,...	15.96	3.8	ng	134759	4	16.97	704615	20.0
3-Methyl-4-(metho...	16.79	2.8	ng	96728	4	16.97	704615	20.0