LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020966.D
Acq On : 19 Feb 2016 10:51
Operator : SJ/UM
Sample : H1453-17 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-4

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	3.093	38	43	51	rVB	40677	56971	15.30%	1.955%
2	3.240	64	68	78	rVB	10285	18200	4.89%	0.625%
3	5.314	416	421	427	rBV4	3110	4485	1.20%	0.154%
4	5.789	496	502	509	rVB	14461	23572	6.33%	0.809%
5	7.399	770	776	784	rVB	17779	29070	7.81%	0.998%
6	7.781	834	841	848	rVB	18100	29417	7.90%	1.010%
7	8.257	915	922	930	rVB	82092	136837	36.75%	4.696%
8	8.586	971	978	985	rBV	13240	22597	6.07%	0.776%
9	9.426	1114	1121	1128	rBV	10525	18420	4.95%	0.632%
10	10.248	1256	1261	1267	rVB6	3337	5507	1.48%	0.189%
11	11.082	1392	1403	1411	rVB	138719	247755	66.55%	8.503%
12	11.211	1421	1425	1432	rVB	8023	14315	3.85%	0.491%
13	11.288	1432	1438	1442	rBV4	3455	6241	1.68%	0.214%
14	11.564	1481	1485	1490	rVB3	6386	10191	2.74%	0.350%
15	11.758	1515	1518	1525	rVB6	3683	6887	1.85%	0.236%
16	11.899	1537	1542	1546	rBV6	2539	5209	1.40%	0.179%
17	12.069	1563	1571	1575	rBV	11919	20271	5.44%	0.696%
18	12.116	1575	1579	1585	rVV4	6313	13041	3.50%	0.448%
19	12.163	1585	1587	1592	rVB4	3290	5077	1.36%	0.174%
20	12.257	1600	1603	1609	rVB4	6461	9134	2.45%	0.313%
21	12.339	1609	1617	1622	rBV5	9304	18901	5.08%	0.649%
22	12.674	1671	1674	1679	rVB7	6264	9651	2.59%	0.331%
23	12.797	1687	1695	1700	rBV8	4514	10844	2.91%	0.372%
24	13.091	1739	1745	1750	rBV8	5187	11827	3.18%	0.406%
25	13.150	1750	1755	1762	rVV10	3744	9552	2.57%	0.328%
26	13.326	1778	1785	1792	rBV7	6394	14746	3.96%	0.506%
27	13.397	1792	1797	1805	rVB3	21979	38309	10.29%	1.315%
28	13.497	1809	1814	1819	rVB	34934	54095	14.53%	1.857%
29	13.685	1838	1846	1854	rBV9	12506	30475	8.19%	1.046%
30	13.920	1882	1886	1892	rVB8	2987	5330	1.43%	0.183%
31	14.243	1936	1941	1945	rVB8	4585	7814	2.10%	0.268%
32	14.331	1946	1956	1960	rVV5	28236	55621	14.94%	1.909%
33	14.619	2001	2005	2010	rVV6	9769	15386	4.13%	0.528%
34	14.701	2012	2019	2024	rVB5	11208	21505	5.78%	0.738%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020966.D
Acq On : 19 Feb 2016 10:51
Operator : SJ/UM
Sample : H1453-17 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-4

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	14.871	2035	2048	2057	rBV2	213201	372296	100.00%	12.777%
36	14.942	2057	2060	2063	rBV5	5258	7440	2.00%	0.255%
37	15.241	2108	2111	2118	rVB8	8242	14603	3.92%	0.501%
38	15.353	2127	2130	2137	rVB8	7098	13445	3.61%	0.461%
39	15.476	2147	2151	2155	rBV5	10159	16770	4.50%	0.576%
40	15.647	2176	2180	2184	rBV7	7137	11911	3.20%	0.409%
41	15.893	2220	2222	2228	rBV7	6051	10813	2.90%	0.371%
42	16.087	2251	2255	2265	rVB2	28525	56268	15.11%	1.931%
43	16.346	2295	2299	2305	rBV2	20478	28121	7.55%	0.965%
44	16.434	2312	2314	2319	rVB5	12706	18461	4.96%	0.634%
45	16.569	2332	2337	2342	rVB2	46960	74351	19.97%	2.552%
46	16.710	2358	2361	2365	rVB5	10678	13353	3.59%	0.458%
47	16.757	2365	2369	2370	rBV4	4492	5853	1.57%	0.201%
48	17.385	2471	2476	2482	rBV	38181	57941	15.56%	1.989%
49	17.609	2507	2514	2519	rBV	217997	344714	92.59%	11.831%
50	17.873	2555	2559	2566	rVB9	6706	14321	3.85%	0.491%
51	17.996	2576	2580	2588	rBV7	10750	21736	5.84%	0.746%
52	18.701	2698	2700	2706	rVB6	8639	12684	3.41%	0.435%
53	19.635	2856	2859	2863	rVB2	7654	10495	2.82%	0.360%
54	20.000	2917	2921	2928	rVB3	14021	22212	5.97%	0.762%
55	20.111	2938	2940	2943	rBV4	5557	6181	1.66%	0.212%
56	20.182	2948	2952	2956	rVB	47980	58816	15.80%	2.019%
57	20.534	3010	3012	3016	rBV5	4224	4368	1.17%	0.150%
58	21.879	3235	3241	3248	rBV	217935	371918	99.90%	12.764%
59	25.251	3805	3815	3827	rVB3	130253	357431	96.01%	12.267%

Sum of corrected areas: 2913755

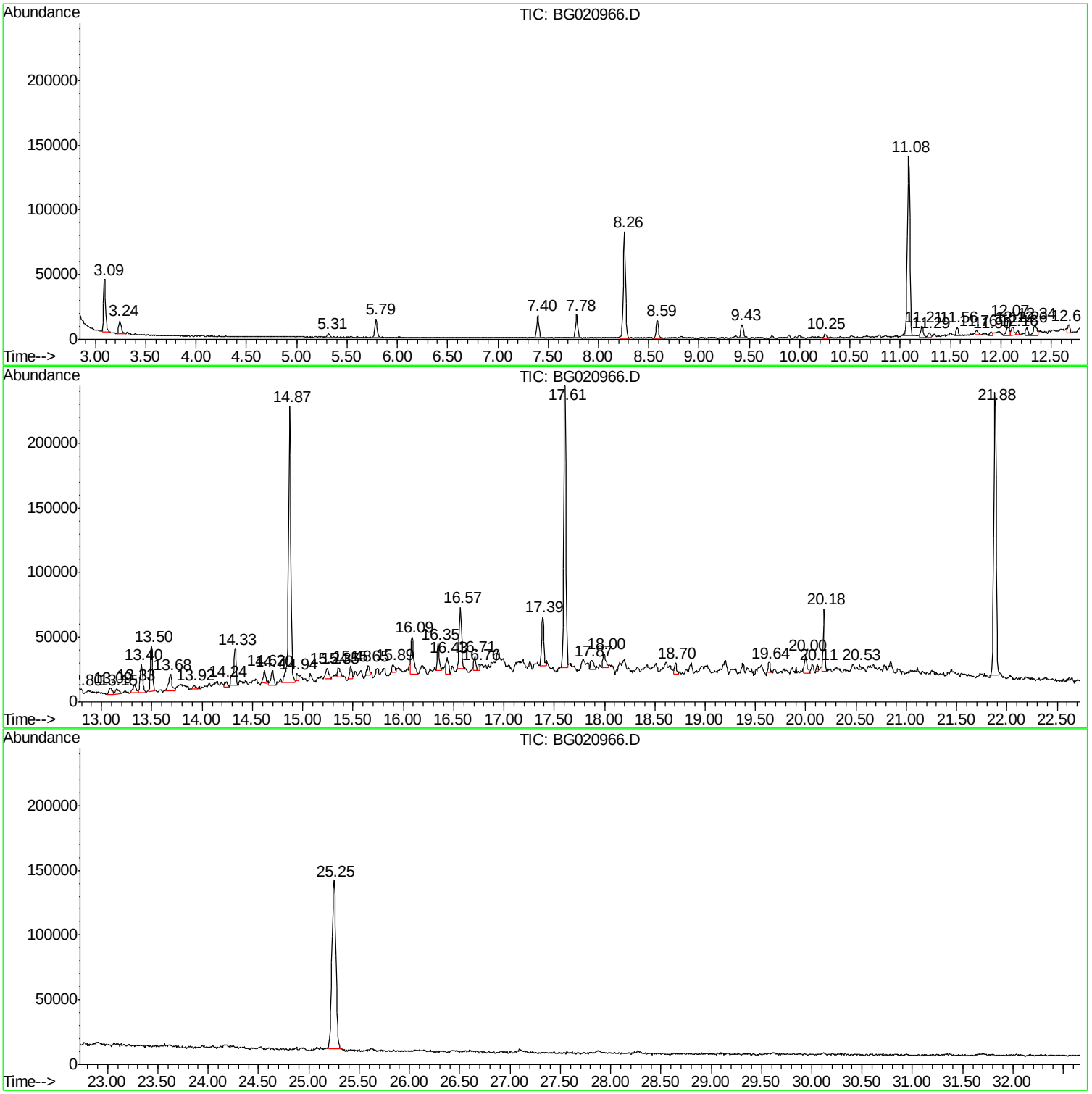
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020966.D
Acq On : 19 Feb 2016 10:51
Operator : SJ/UM
Sample : H1453-17 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EGR-B-4

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\BG021816\
Data File : BG020966.D
Acq On : 19 Feb 2016 10:51
Operator : SJ/UM
Sample : H1453-17 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-4

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

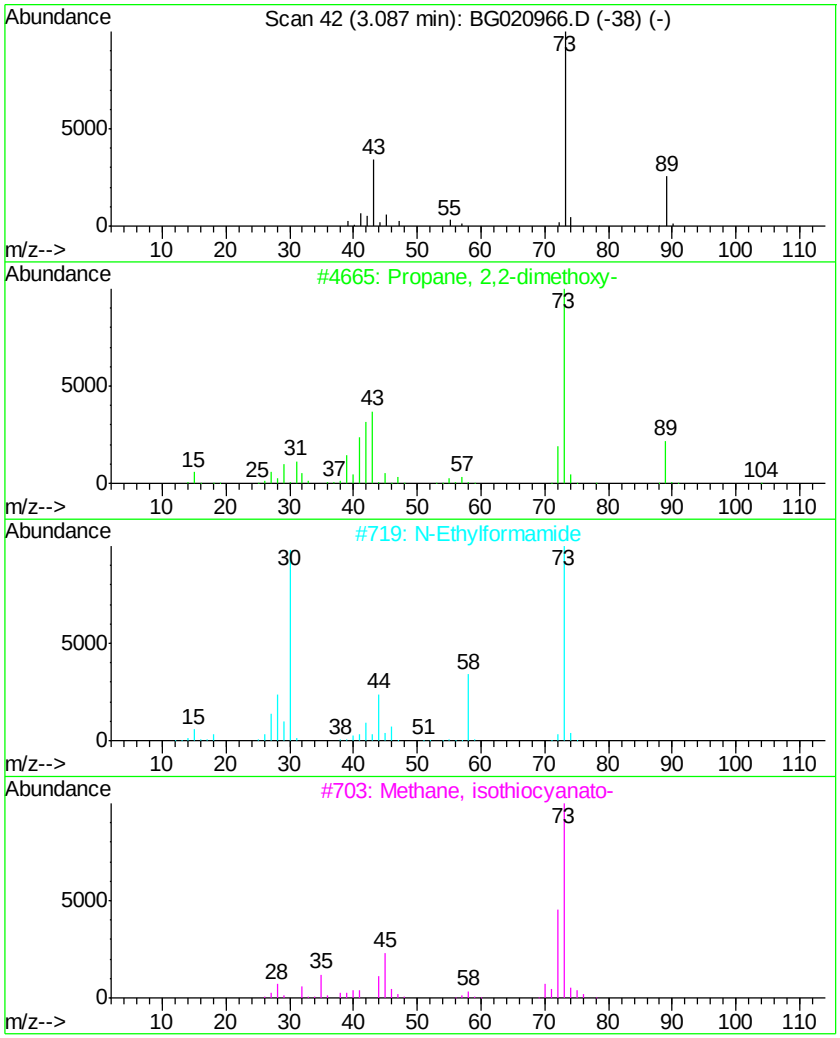
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

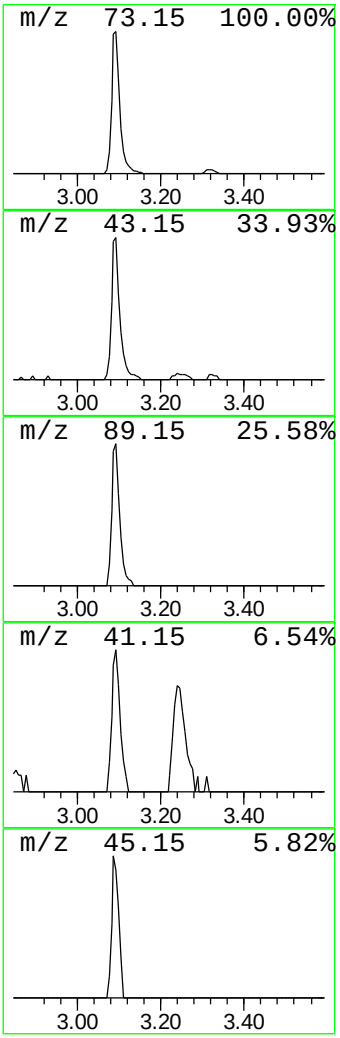
****

Peak Number 1 unknown3.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	8.33 ng	56971	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	N-Ethylformamide	73	C3H7NO	000627-45-2	7
3	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7
4	1,3-Dioxolane	74	C3H6O2	000646-06-0	4
5	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	4





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020966.D
Acq On : 19 Feb 2016 10:51
Operator : SJ/UM
Sample : H1453-17 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-4

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

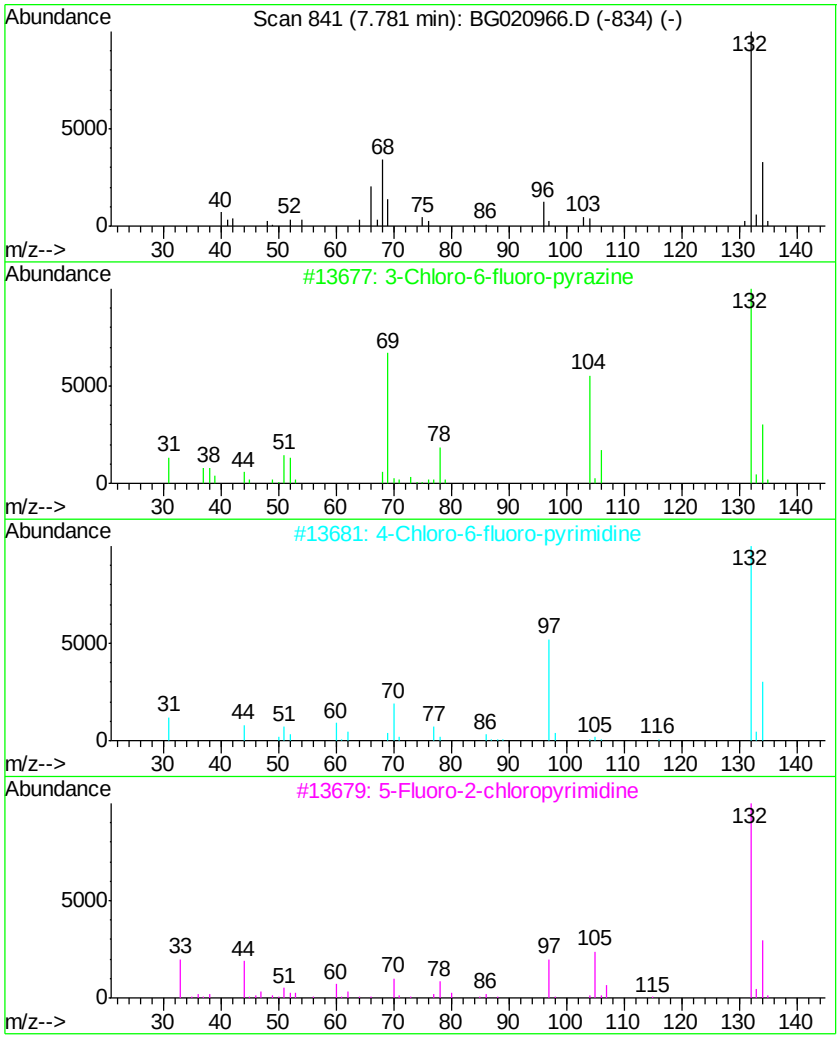
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

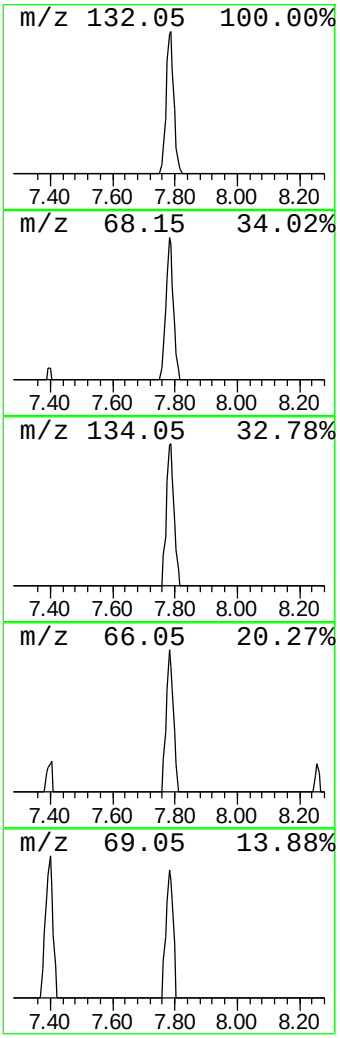
****

Peak Number 3 unknown7.78 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	4.30 ng	29417	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	Xenon	132	Xe	007440-63-3	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020966.D
Acq On : 19 Feb 2016 10:51
Operator : SJ/UM
Sample : H1453-17 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-4

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

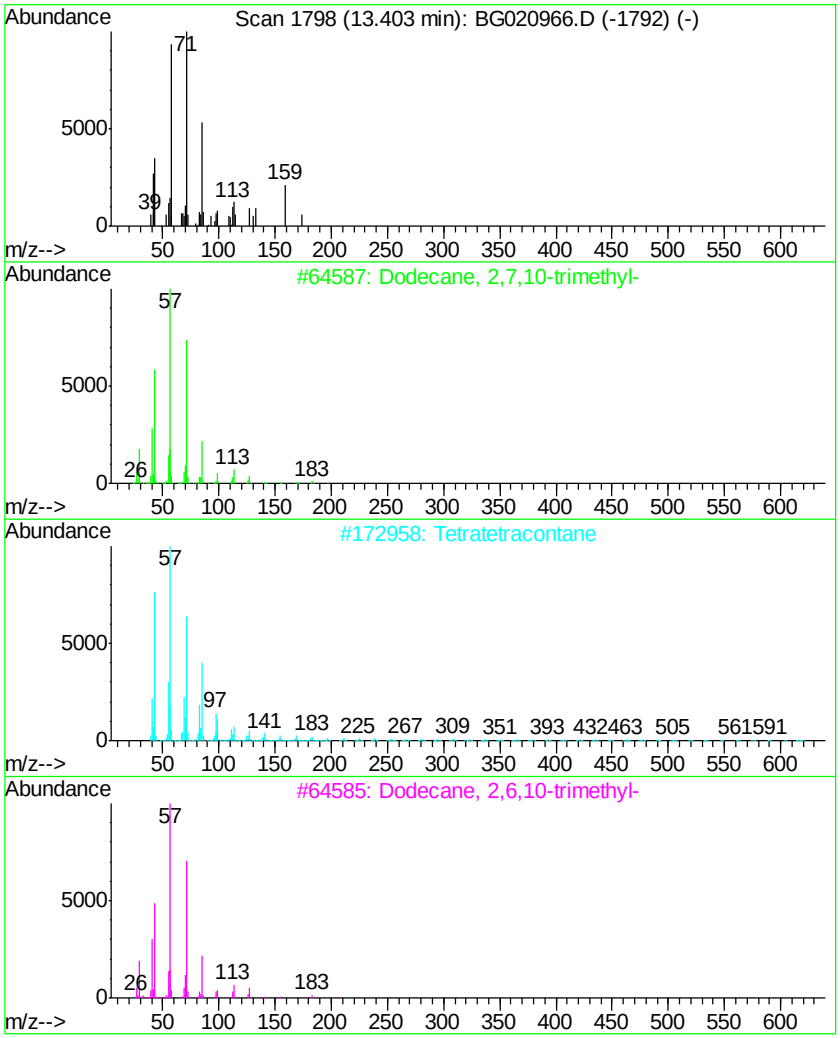
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

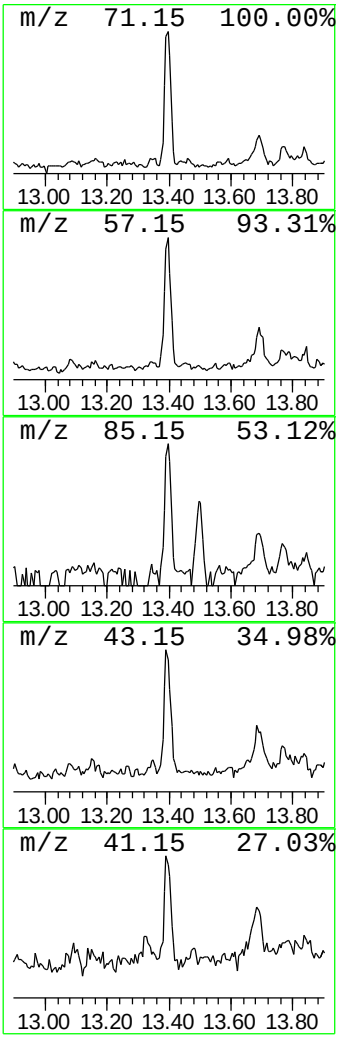
****

Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	2.06 ng	38309	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
2	Tetratetracontane	619	C44H90	007098-22-8	53
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	50
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020966.D
Acq On : 19 Feb 2016 10:51
Operator : SJ/UM
Sample : H1453-17 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-4

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

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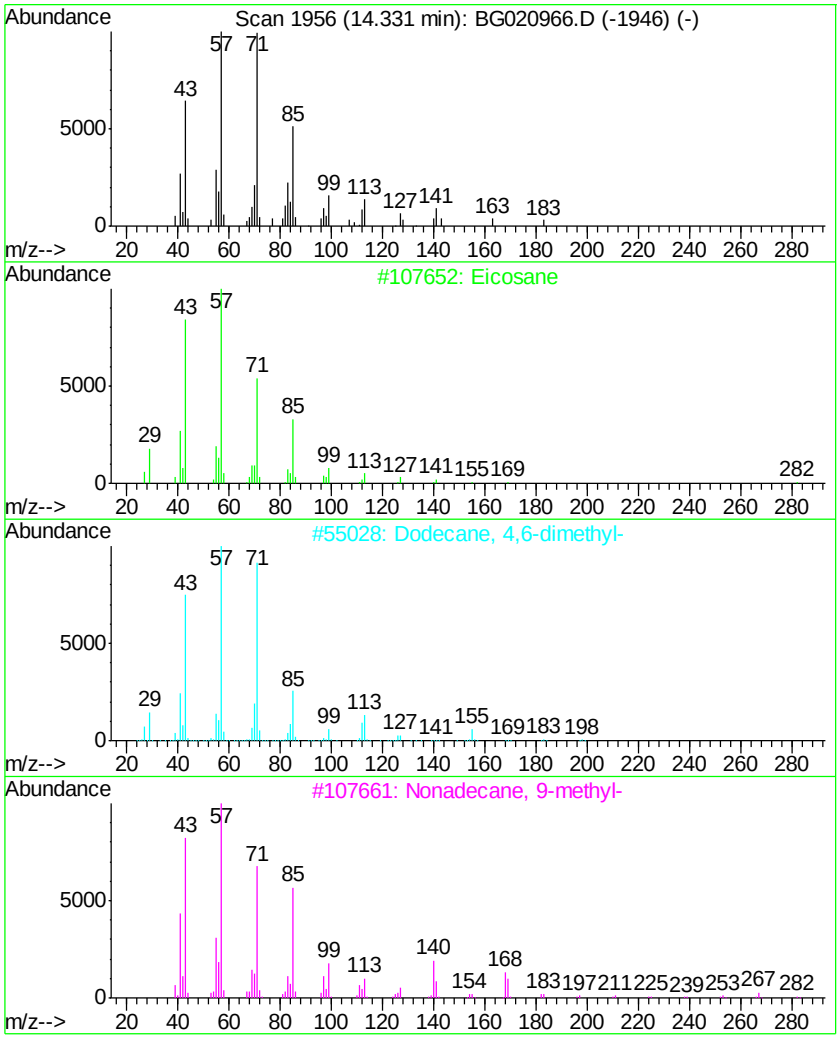
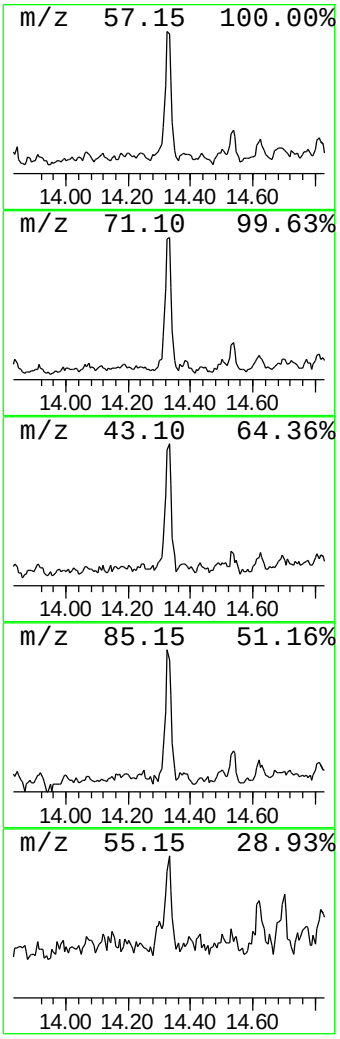
Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	2.99 ng	55621	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	53
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	53
4	Heptadecane	240	C17H36	000629-78-7	52
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020966.D
Acq On : 19 Feb 2016 10:51
Operator : SJ/UM
Sample : H1453-17 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-4

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

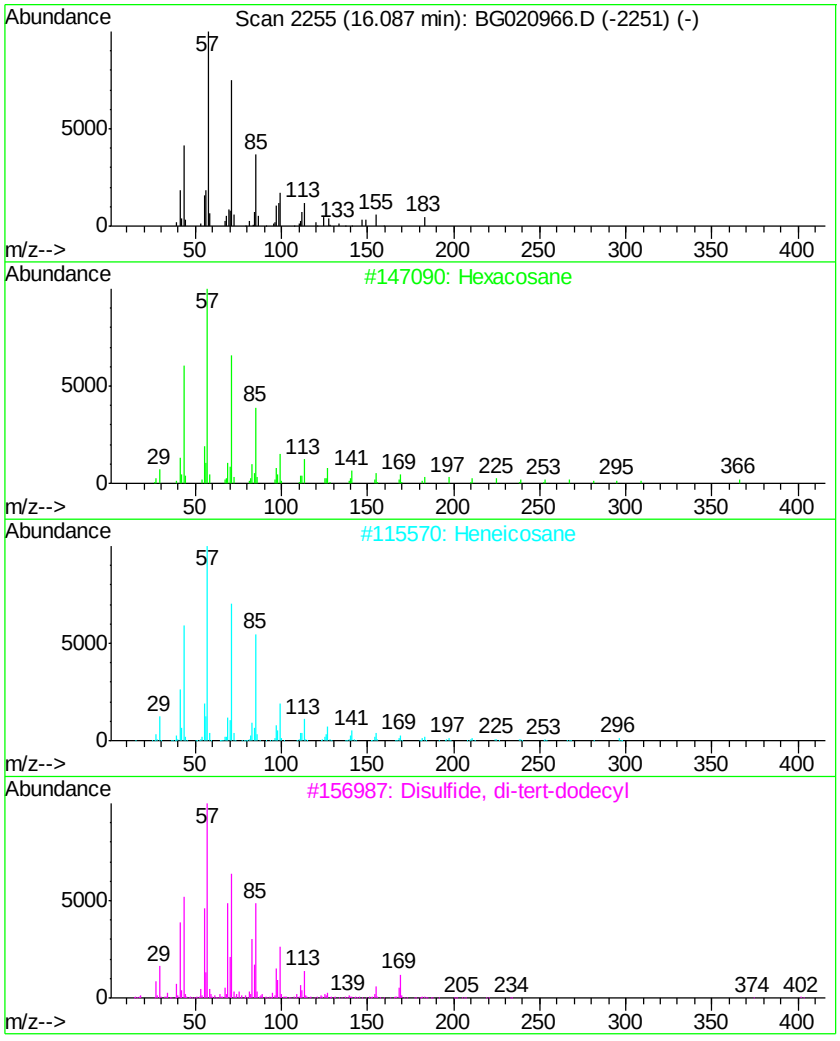
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

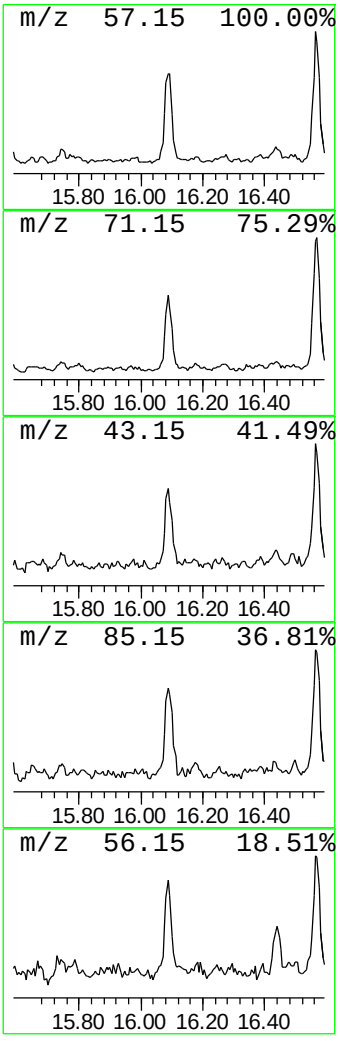
****

Peak Number 7 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	3.02 ng	56268	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	83
2	Heneicosane	296	C21H44	000629-94-7	78
3	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	78
4	Hentriacontane	437	C31H64	000630-04-6	78
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020966.D
Acq On : 19 Feb 2016 10:51
Operator : SJ/UM
Sample : H1453-17 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-4

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

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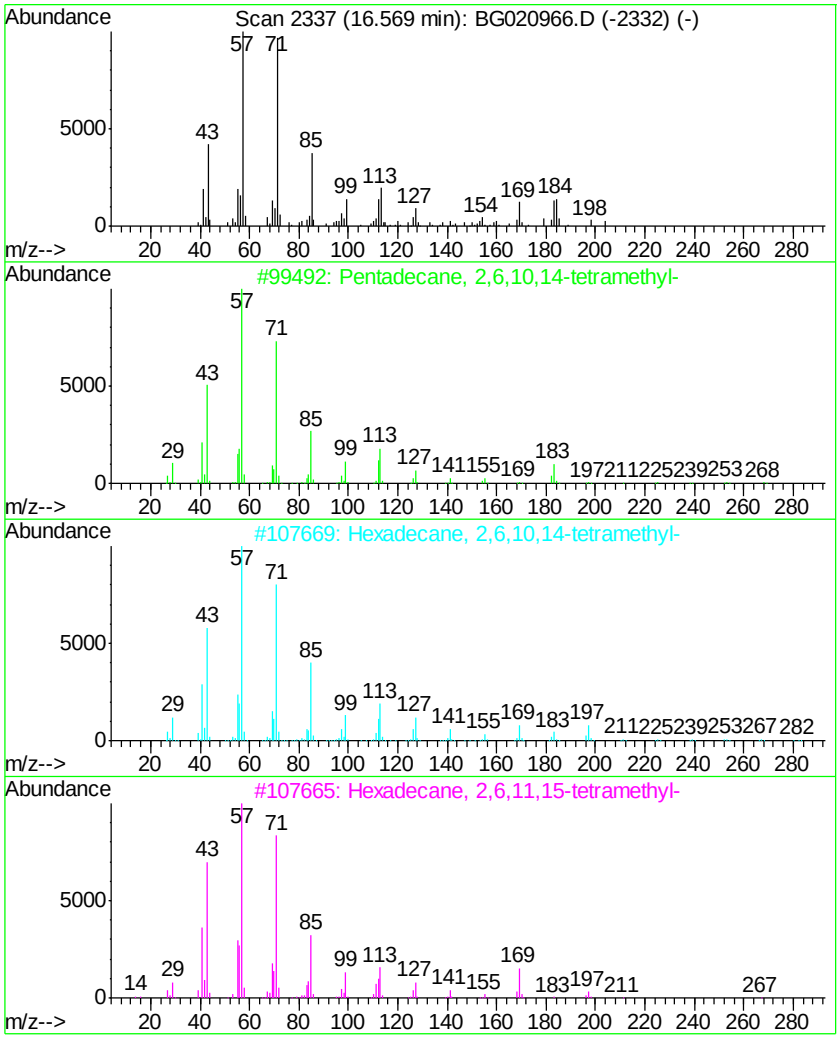
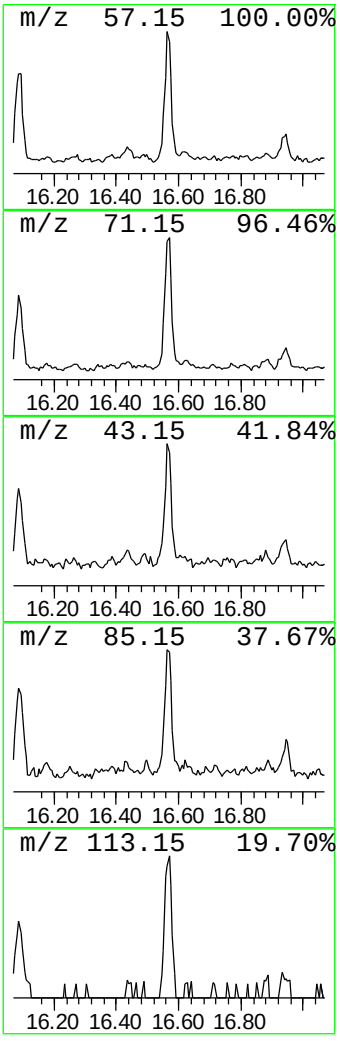
Peak Number 8 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	4.31 ng	74351	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	70
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020966.D
Acq On : 19 Feb 2016 10:51
Operator : SJ/UM
Sample : H1453-17 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-4

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

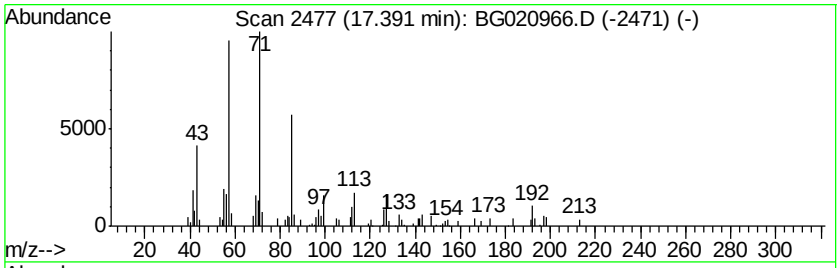
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

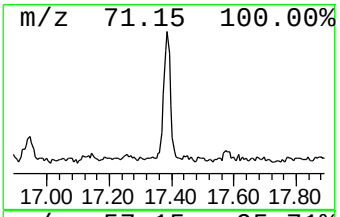
****

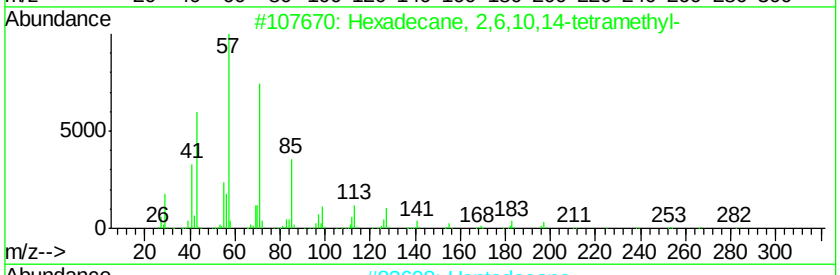
Peak Number 9 Hexadecane, 2,6,10,14-tetra... Concentration Rank 4

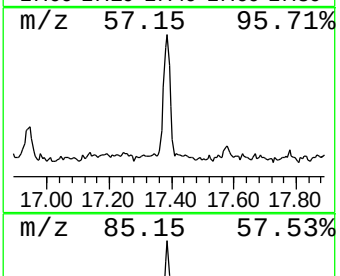
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	3.36 ng	57941	Phenanthrene-d10	17.60

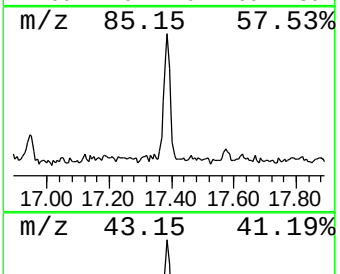
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
2	Heptadecane	240	C17H36	000629-78-7	80
3	Docosane	310	C22H46	000629-97-0	78
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Heptacosane	380	C27H56	000593-49-7	72

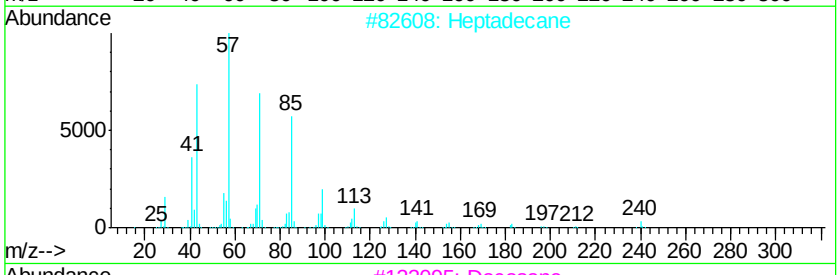


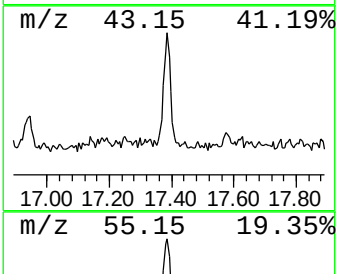


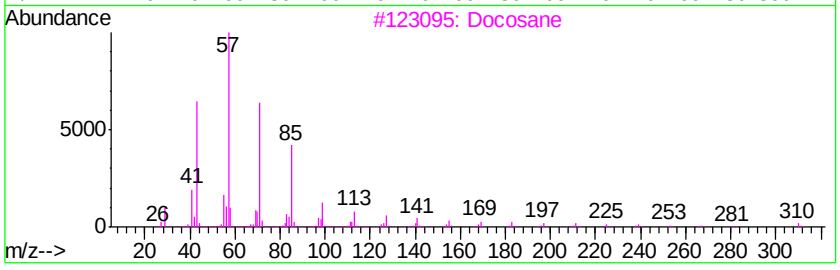


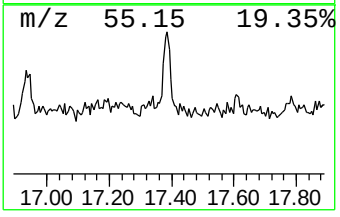












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021816\
Data File : BG020966.D
Acq On : 19 Feb 2016 10:51
Operator : SJ/UM
Sample : H1453-17 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-4

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
unknown3.09	3.09	8.3	ng	56971	1	8.26	136837	20.0
unknown7.78	7.78	4.3	ng	29417	1	8.26	136837	20.0
Dodecane, 2,7,10-...	13.40	2.1	ng	38309	3	14.87	372296	20.0
Eicosane	14.33	3.0	ng	55621	3	14.87	372296	20.0
Hexacosane	16.09	3.0	ng	56268	3	14.87	372296	20.0
Pentadecane, 2,6,...	16.57	4.3	ng	74351	4	17.60	344714	20.0
Hexadecane, 2,6,1...	17.39	3.4	ng	57941	4	17.60	344714	20.0