LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005632.D
Acq On : 24 May 2016 05:30
Operator : UM/SJ
Sample : H3086-02RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF3RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM02.2-EPA-BM052016.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.969	61	65	70	rBV	77799	86430	2.81%	0.203%
2	3.057	76	80	93	rVB2	62230	98804	3.21%	0.233%
3	3.787	200	204	210	rVB	48317	63429	2.06%	0.149%
4	5.010	406	412	418	rBV	30583	47978	1.56%	0.113%
5	5.816	542	549	553	rBV3	25236	53457	1.74%	0.126%
6	6.845	719	724	728	rBV3	26370	46183	1.50%	0.109%
7	6.987	742	748	761	rVB	624954	1043704	33.88%	2.457%
8	7.140	767	774	780	rBV	497552	793281	25.75%	1.867%
9	7.340	802	808	816	rVB	644569	1064802	34.56%	2.507%
10	7.804	877	887	894	rBV	800800	1319552	42.83%	3.106%
11	8.345	972	979	986	rBV4	39536	88631	2.88%	0.209%
12	8.522	1002	1009	1016	rBV	743480	1202996	39.05%	2.832%
13	8.904	1063	1074	1077	rBV7	35044	83713	2.72%	0.197%
14	8.963	1077	1084	1091	rVV	602558	1020191	33.11%	2.402%
15	9.022	1091	1094	1099	rVB	36209	49988	1.62%	0.118%
16	9.116	1104	1110	1123	rVB10	30686	98391	3.19%	0.232%
17	9.516	1168	1178	1184	rBV5	31429	83463	2.71%	0.196%
18	9.681	1199	1206	1217	rVB	487970	853470	27.70%	2.009%
19	9.775	1217	1222	1229	rBV5	44181	81919	2.66%	0.193%
20	10.016	1255	1263	1272	rBV5	28949	116155	3.77%	0.273%
21	10.228	1293	1299	1306	rVB	734943	1239943	40.25%	2.919%
22	10.380	1320	1325	1333	rVB4	24851	56106	1.82%	0.132%
23	10.598	1350	1362	1367	rBV	1039975	1956374	63.50%	4.605%
24	10.645	1367	1370	1377	rVV	132950	220975	7.17%	0.520%
25	10.739	1379	1386	1392	rVV2	190320	402598	13.07%	0.948%
26	10.822	1392	1400	1408	rVV	404845	775055	25.16%	1.825%
27	11.080	1440	1444	1450	rVB3	46727	74552	2.42%	0.175%
28	11.422	1498	1502	1509	rVV6	47330	87883	2.85%	0.207%
29	11.504	1512	1516	1524	rVB5	46680	93678	3.04%	0.221%
30	11.616	1530	1535	1539	rBV	140581	236818	7.69%	0.557%
31	11.780	1558	1563	1572	rBV5	46667	125752	4.08%	0.296%
32	11.874	1575	1579	1584	rVB3	56796	90617	2.94%	0.213%
33	12.010	1598	1602	1607	rBV2	95263	138219	4.49%	0.325%
34	12.263	1640	1645	1651	rVB	190144	336428	10.92%	0.792%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005632.D
Acq On : 24 May 2016 05:30
Operator : UM/SJ
Sample : H3086-02RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF3RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM02.2-EPA-BM052016.M
Title : SVOA CALIBRATION

35	12.333	1652	1657	1660	rBV3	42610	78134	2.54%	0.184%
36	12.480	1676	1682	1688	rBV	156402	296830	9.63%	0.699%
37	12.651	1706	1711	1715	rBV3	71546	119431	3.88%	0.281%
38	12.974	1762	1766	1771	rVB	275886	398827	12.95%	0.939%
39	13.257	1810	1814	1823	rVB5	163649	333313	10.82%	0.785%
40	13.763	1897	1900	1905	rVB2	140437	226678	7.36%	0.534%
41	13.851	1911	1915	1920	rVB	1003849	1380949	44.82%	3.251%
42	13.898	1920	1923	1924	rVV	262676	287785	9.34%	0.677%
43	13.921	1925	1927	1931	rVB	493803	555483	18.03%	1.308%
44	14.139	1959	1964	1968	rBV	1265306	2107207	68.40%	4.960%
45	14.339	1994	1998	2003	rBV	359929	570790	18.53%	1.344%
46	14.445	2012	2016	2023	rVB2	1279436	2030381	65.90%	4.780%
47	14.668	2051	2054	2060	rVB	481127	696084	22.59%	1.639%
48	15.439	2181	2185	2190	rBV	1348745	1838614	59.68%	4.328%
49	16.180	2308	2311	2316	rVB	1590744	2207191	71.64%	5.196%
50	17.192	2480	2483	2487	rBV2	976466	1421225	46.13%	3.346%
51	17.239	2487	2491	2496	rVB	1463468	2032351	65.97%	4.784%
52	17.292	2497	2500	2504	rBV2	976559	1286372	41.75%	3.028%
53	19.250	2829	2833	2839	rVB	1843912	2543386	82.55%	5.987%
54	19.586	2886	2890	2892	rBV	1551929	2144361	69.60%	5.048%
55	19.615	2892	2895	2903	rVB	2166677	3080910	100.00%	7.253%
56	21.368	3188	3193	3197	rBV3	1542094	2712448	88.04%	6.385%

Sum of corrected areas: 42480285

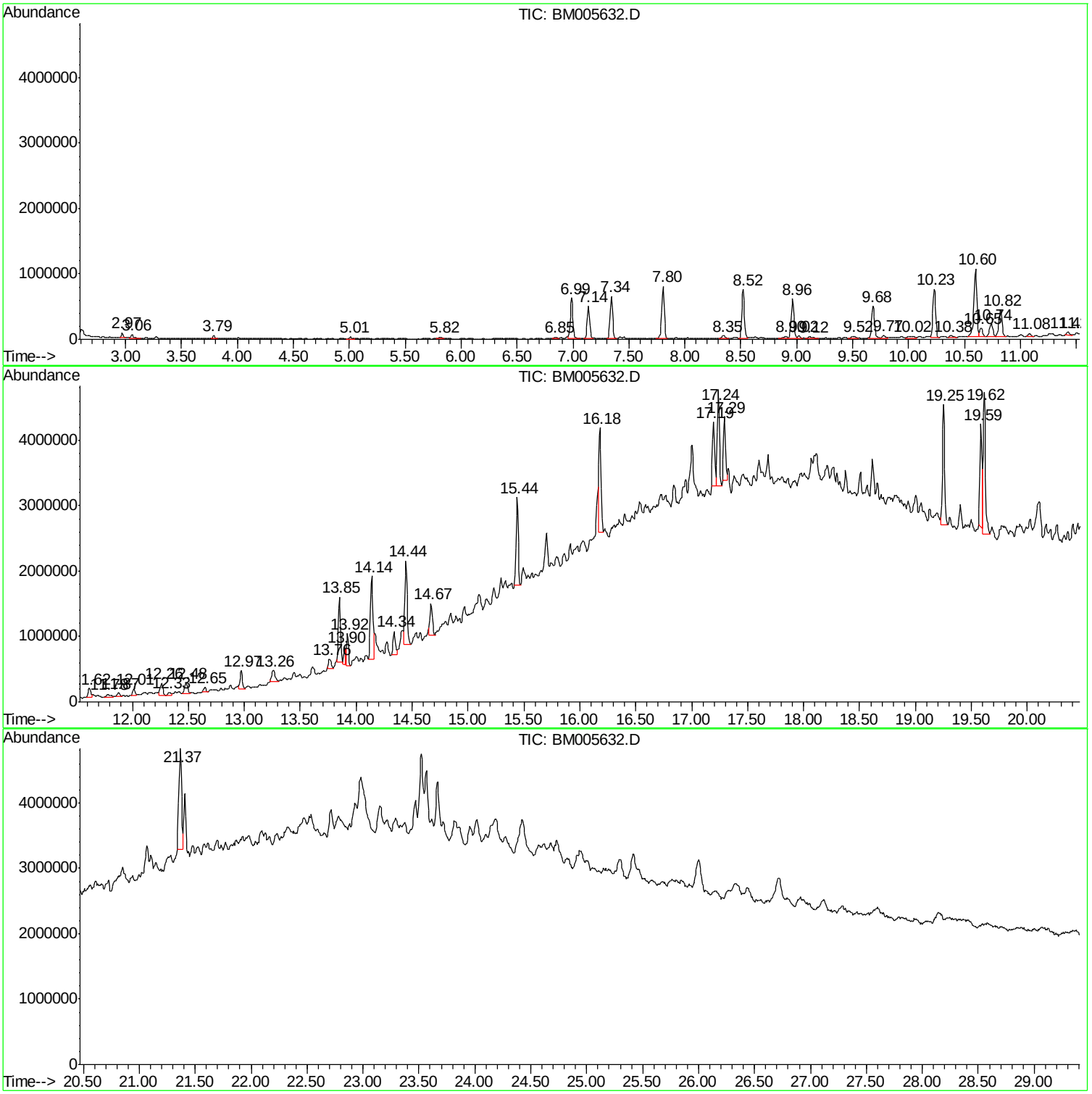
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005632.D
Acq On : 24 May 2016 05:30
Operator : UM/SJ
Sample : H3086-02RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005632.D
Acq On : 24 May 2016 05:30
Operator : UM/SJ
Sample : H3086-02RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

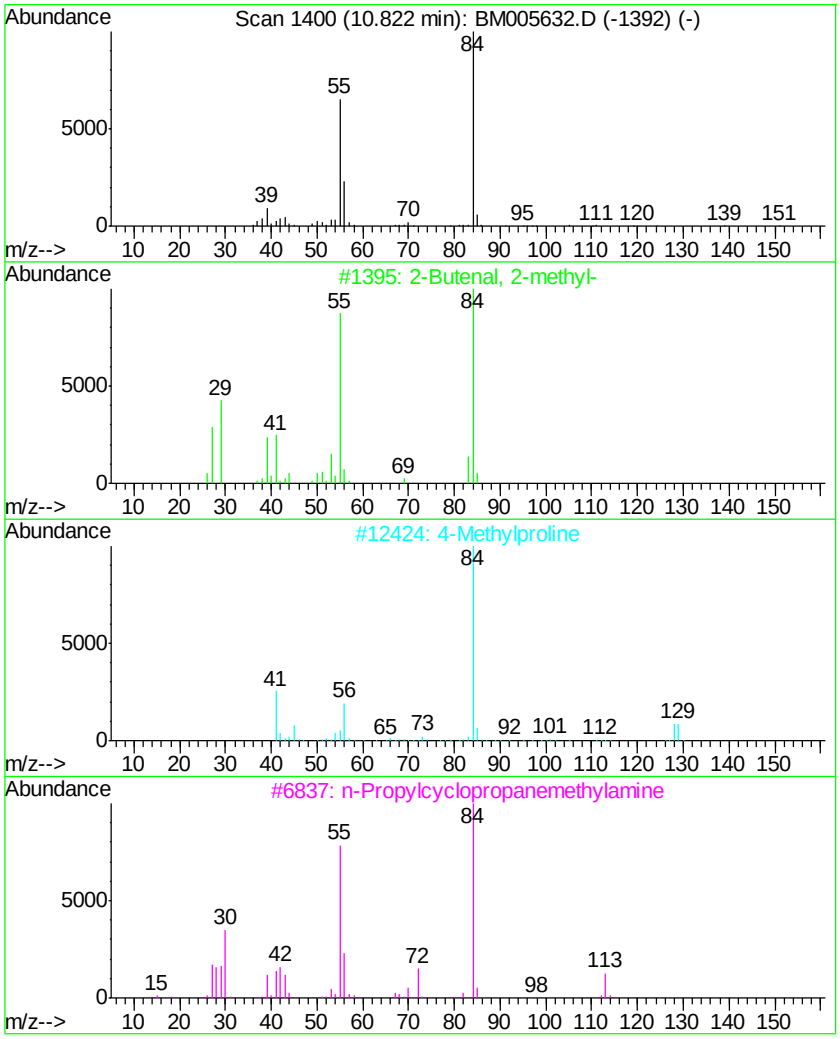
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

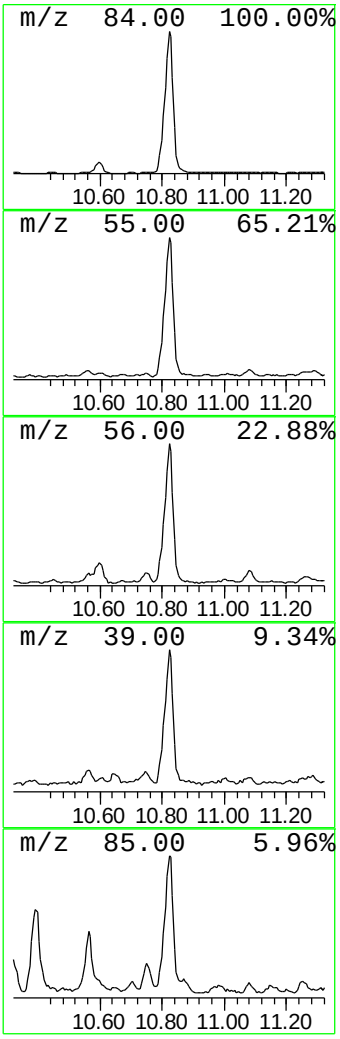
****

Peak Number 1 2-Butenal, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	7.92 ng/ul	775055	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	64
2	4-Methylproline	129	C6H11NO2	1000131-14-6	43
3	n-Propylcyclopropanemethylamine	113	C7H15N	026389-60-6	40
4	l-Pyrrolid-2-one, N-carbamoyl-	128	C5H8N2O2	040451-67-0	40
5	Propane, 2-isocyanato-2-methyl-	99	C5H9NO	001609-86-5	39





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005632.D
Acq On : 24 May 2016 05:30
Operator : UM/SJ
Sample : H3086-02RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

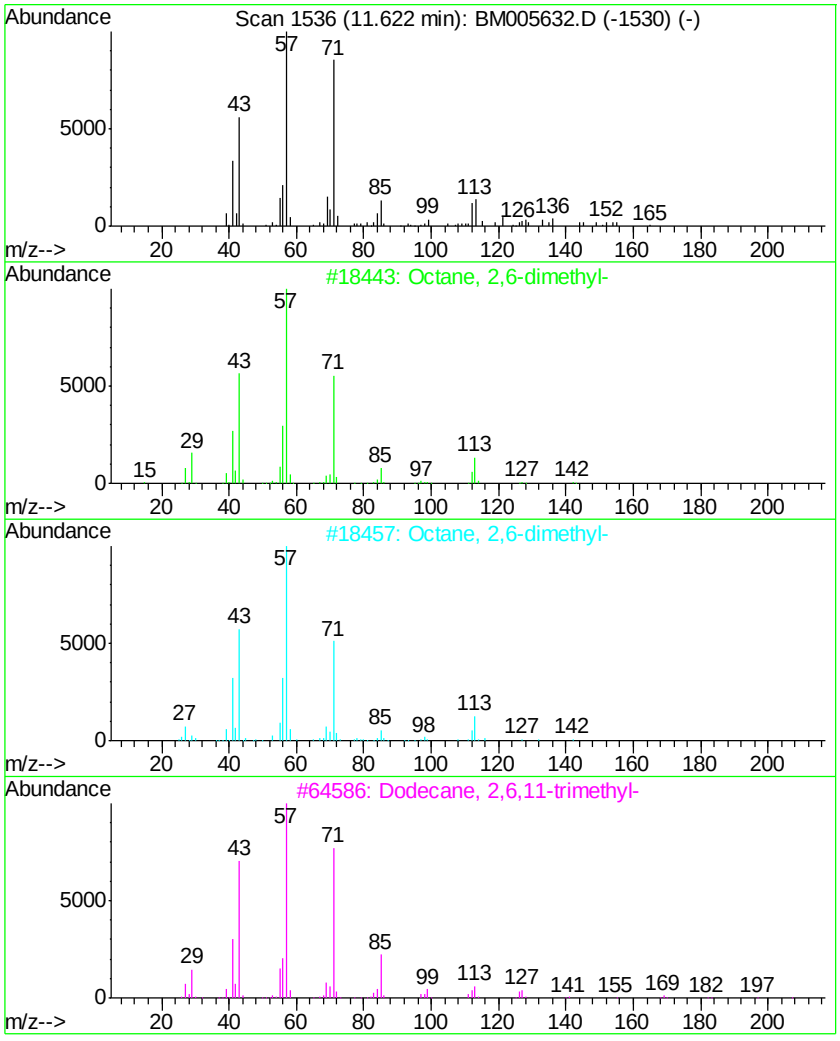
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

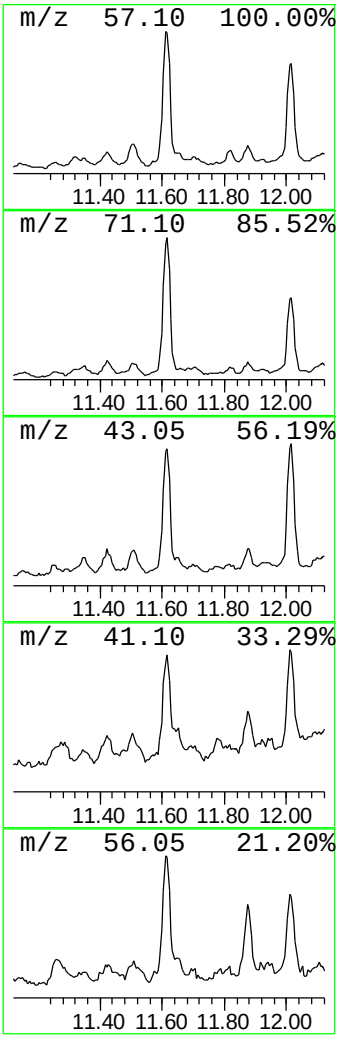
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	2.42 ng/ul	236818	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005632.D
Acq On : 24 May 2016 05:30
Operator : UM/SJ
Sample : H3086-02RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

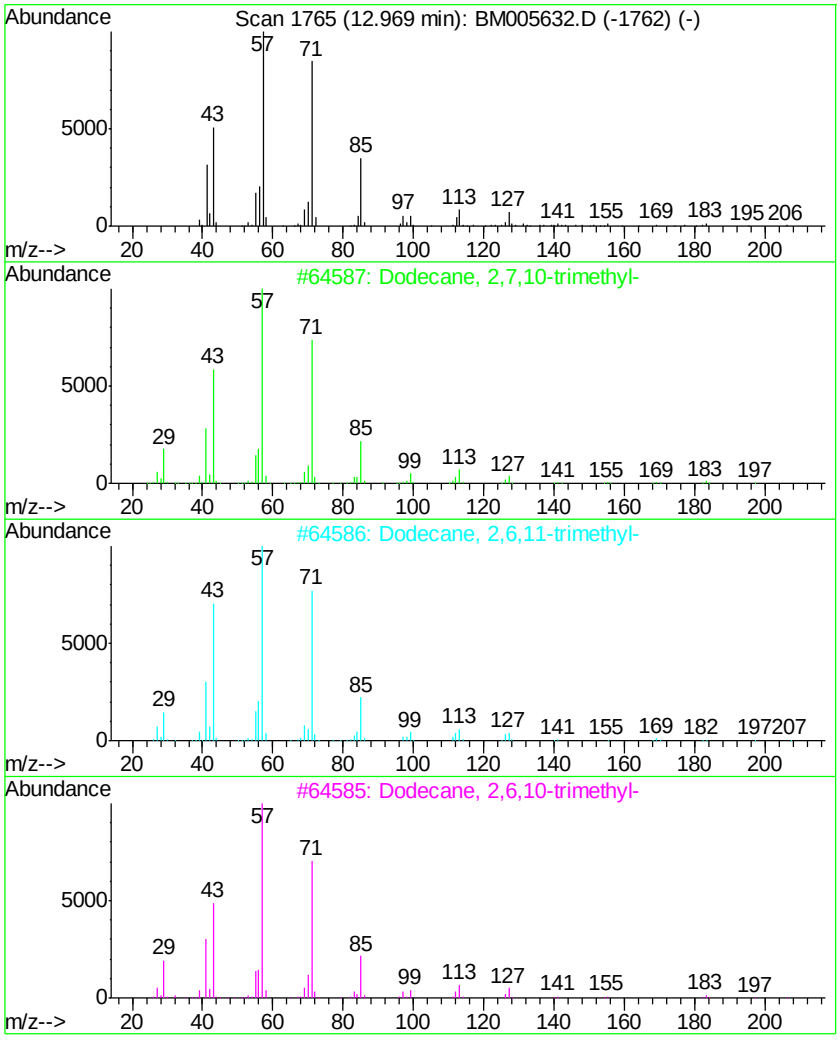
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

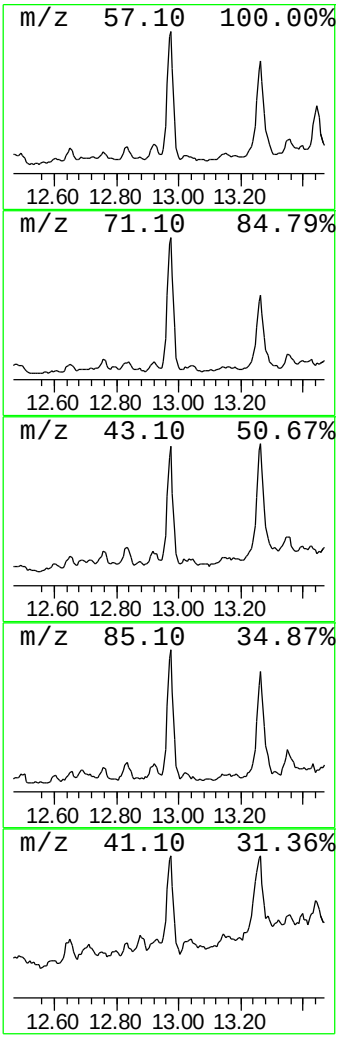
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	3.93 ng/ul	398827	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005632.D
Acq On : 24 May 2016 05:30
Operator : UM/SJ
Sample : H3086-02RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

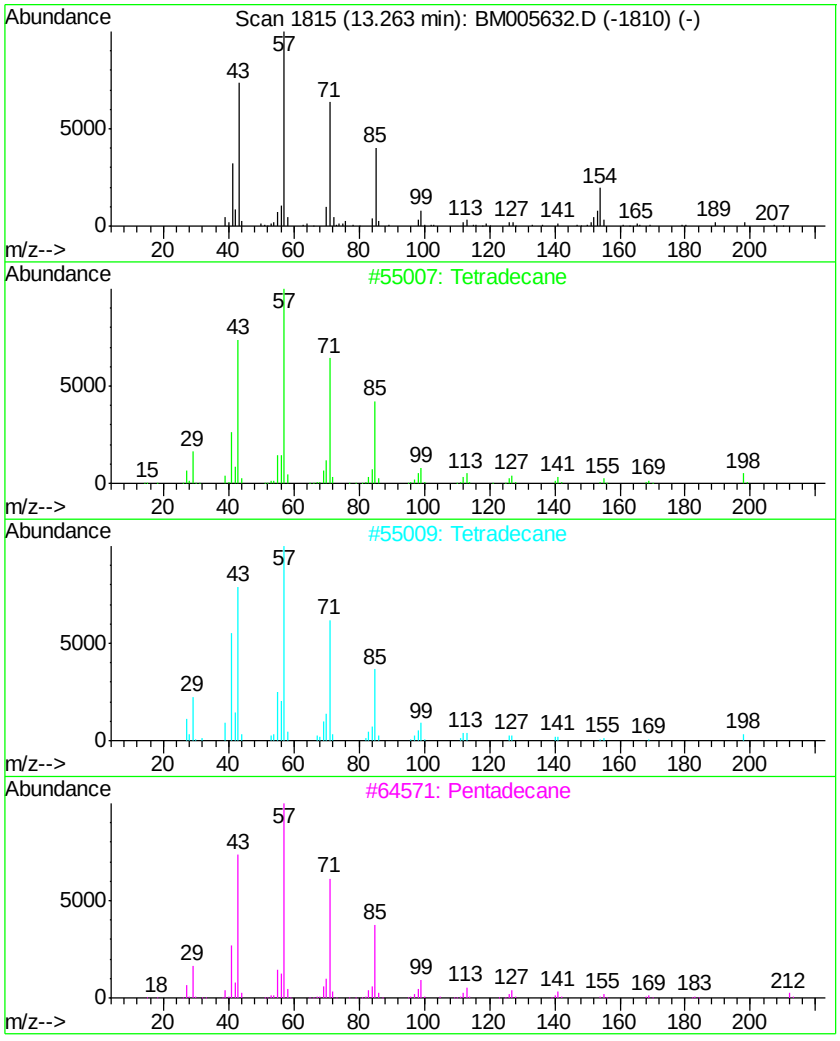
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

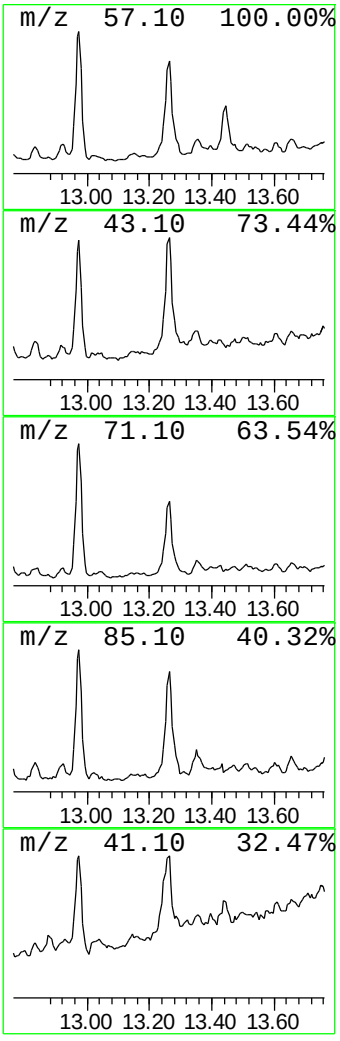
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.28 ng/ul	333313	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tetradecane	198	C14H30	000629-59-4	83
3	Pentadecane	212	C15H32	000629-62-9	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005632.D
Acq On : 24 May 2016 05:30
Operator : UM/SJ
Sample : H3086-02RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

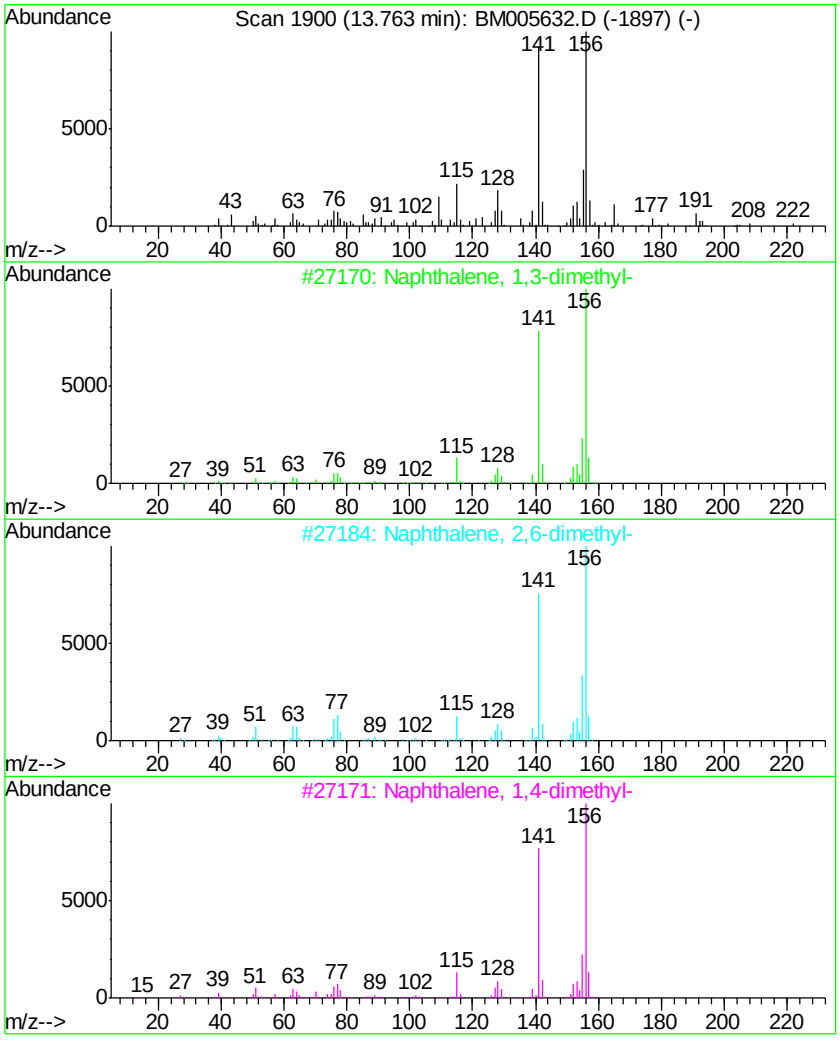
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

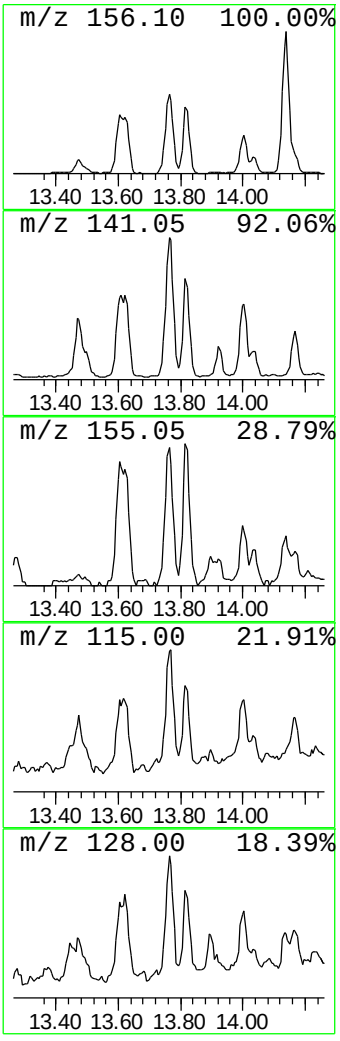
****

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.23 ng/ul	226678	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005632.D
Acq On : 24 May 2016 05:30
Operator : UM/SJ
Sample : H3086-02RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

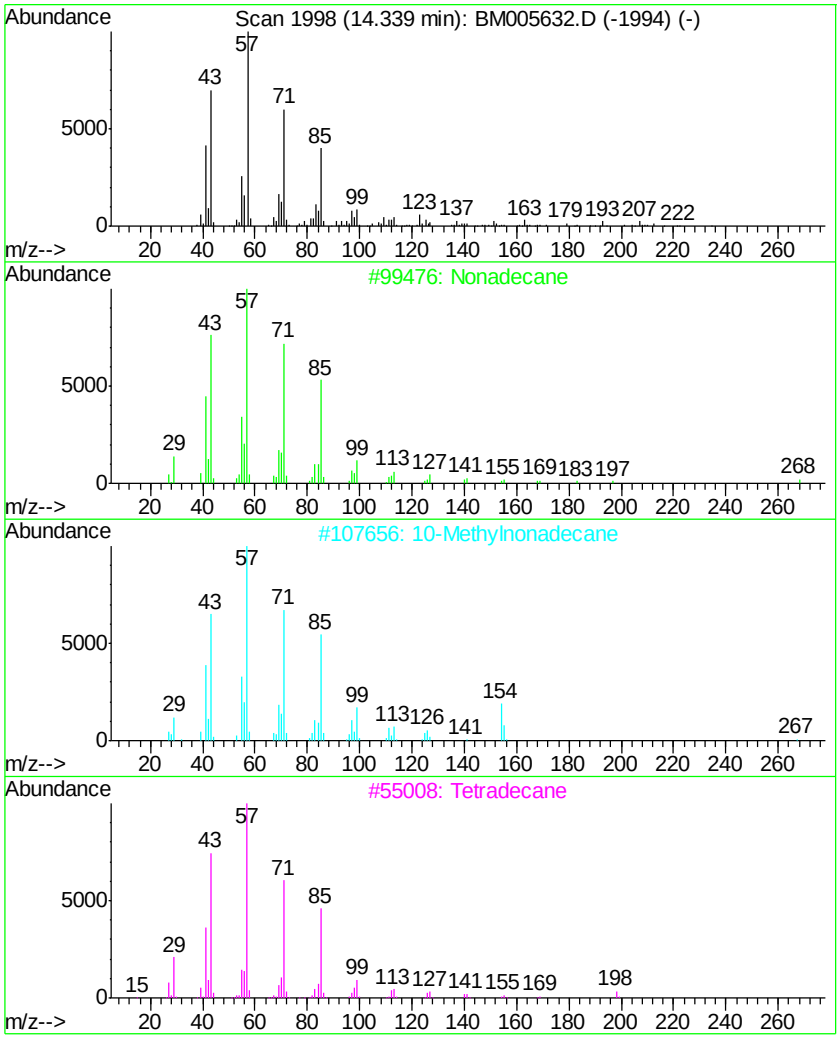
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

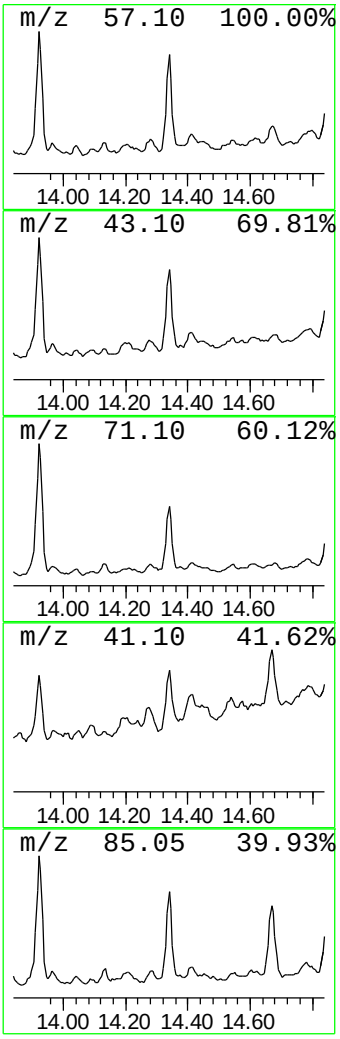
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	5.62 ng/ul	570790	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	10-Methylnonadecane	282	C20H42	056862-62-5	87
3	Tetradecane	198	C14H30	000629-59-4	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005632.D
Acq On : 24 May 2016 05:30
Operator : UM/SJ
Sample : H3086-02RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

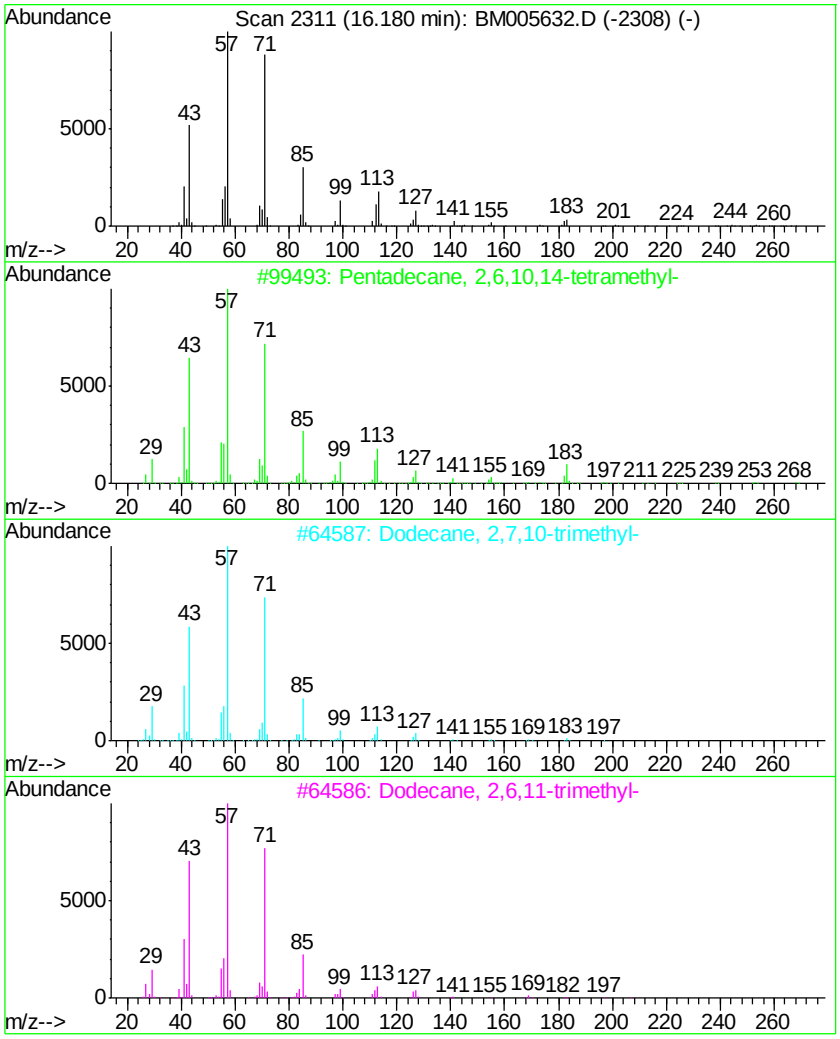
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

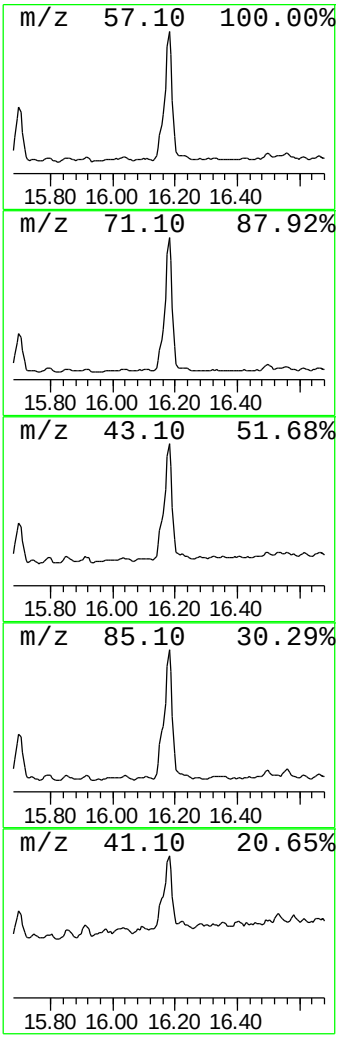
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	31.06 ng/ul	2207190	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	83
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005632.D
Acq On : 24 May 2016 05:30
Operator : UM/SJ
Sample : H3086-02RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA 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
2-Butenal, 2-methyl-	10.82	7.9	ng/ul	775055	2	10.60	1956370	20.0
(DEL) Alkane: Str...	11.62	2.4	ng/ul	236818	2	10.60	1956370	20.0
(DEL) Alkane: Str...	12.97	3.9	ng/ul	398827	3	14.44	2030380	20.0
(DEL) Alkane: Str...	13.26	3.3	ng/ul	333313	3	14.44	2030380	20.0
Naphthalene, 1,3-...	13.76	2.2	ng/ul	226678	3	14.44	2030380	20.0
(DEL) Alkane: Str...	14.34	5.6	ng/ul	570790	3	14.44	2030380	20.0
(DEL) Alkane: Str...	16.18	31.1	ng/ul	2207190	4	17.19	1421230	20.0