LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG080915.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	3.169	51	56	61	rBV4	15060	23173	1.34%	0.107%
2	3.468	103	107	112	rVB3	8926	15321	0.89%	0.071%
3	3.997	193	197	202	rVB2	18102	23496	1.36%	0.108%
4	4.221	232	235	239	rVV5	6696	7938	0.46%	0.037%
5	4.926	351	355	358	rVB6	5368	7612	0.44%	0.035%
6	4.961	358	361	364	rBV4	5412	7167	0.41%	0.033%
7	5.554	457	462	464	rBV6	5764	6914	0.40%	0.032%
8	5.678	480	483	489	rBV4	9153	17495	1.01%	0.081%
9	6.054	541	547	551	rVV9	9089	15116	0.87%	0.070%
10	7.017	706	711	712	rBV3	6282	8352	0.48%	0.038%
11	7.129	727	730	734	rVV6	7571	13268	0.77%	0.061%
12	7.199	736	742	752	rVV	152588	283302	16.37%	1.304%
13	7.358	761	769	777	rBV	130562	224649	12.98%	1.034%
14	7.523	794	797	800	rBV4	6041	8557	0.49%	0.039%
15	7.570	800	805	816	rVV	151294	259458	14.99%	1.194%
16	7.687	822	825	830	rVB5	7467	11795	0.68%	0.054%
17	8.040	876	885	892	rBV2	215325	393713	22.75%	1.813%
18	8.157	900	905	908	rBV7	6402	9176	0.53%	0.042%
19	8.586	973	978	980	rVV6	5729	8332	0.48%	0.038%
20	8.739	998	1004	1012	rBV	168755	293052	16.93%	1.349%
21	9.044	1053	1056	1062	rVB6	5850	9083	0.52%	0.042%
22	9.150	1071	1074	1075	rVV3	7481	9702	0.56%	0.045%
23	9.197	1075	1082	1090	rVV	142289	259520	15.00%	1.195%
24	9.268	1090	1094	1096	rVV4	10046	14090	0.81%	0.065%
25	9.309	1099	1101	1107	rVV6	10492	15347	0.89%	0.071%
26	9.673	1161	1163	1169	rBV7	5534	7459	0.43%	0.034%
27	9.920	1198	1205	1212	rBV	122891	228160	13.18%	1.050%
28	10.025	1219	1223	1225	rBV5	10732	12613	0.73%	0.058%
29	10.255	1257	1262	1266	rVB8	8851	17592	1.02%	0.081%
30	10.466	1290	1298	1306	rVB	187143	335781	19.40%	1.546%
31	10.848	1351	1363	1368	rBV	337184	633870	36.63%	2.918%
32	10.895	1368	1371	1378	rVB2	76783	129354	7.48%	0.596%
33	10.977	1378	1385	1395	rBV	115861	234834	13.57%	1.081%
34	11.342	1445	1447	1451	rVB4	7820	8649	0.50%	0.040%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

35	11.389	1453	1455	1461	rVV7	4861	7258	0.42%	0.033%
36	11.553	1479	1483	1487	rVB7	5688	8592	0.50%	0.040%
37	11.618	1491	1494	1498	rBV6	6876	12512	0.72%	0.058%
38	11.677	1502	1504	1510	rVB7	6376	8888	0.51%	0.041%
39	11.765	1515	1519	1523	rVB7	6796	8404	0.49%	0.039%
40	11.870	1532	1537	1541	rBV4	24363	40438	2.34%	0.186%
41	11.900	1541	1542	1546	rVV4	10006	14295	0.83%	0.066%
42	11.953	1546	1551	1556	rVB9	12558	29004	1.68%	0.134%
43	12.129	1579	1581	1583	rVV3	11888	13881	0.80%	0.064%
44	12.170	1586	1588	1593	rVB6	6936	10090	0.58%	0.046%
45	12.223	1593	1597	1599	rBV5	6481	8120	0.47%	0.037%
46	12.264	1599	1604	1610	rVB3	23078	45883	2.65%	0.211%
47	12.311	1610	1612	1616	rBV5	8624	14656	0.85%	0.067%
48	12.405	1624	1628	1631	rVV6	10736	14533	0.84%	0.067%
49	12.446	1634	1635	1637	rVV2	11017	10408	0.60%	0.048%
50	12.499	1639	1644	1650	rVB2	30035	55961	3.23%	0.258%
51	12.581	1653	1658	1663	rBV8	12134	23921	1.38%	0.110%
52	12.664	1669	1672	1676	rBV6	9170	12231	0.71%	0.056%
53	12.716	1676	1681	1687	rVB4	23512	39251	2.27%	0.181%
54	12.840	1699	1702	1704	rBV4	6197	7788	0.45%	0.036%
55	12.893	1709	1711	1714	rVB4	9132	9274	0.54%	0.043%
56	13.034	1731	1735	1739	rBV6	14347	25875	1.50%	0.119%
57	13.116	1746	1749	1754	rVB7	19131	24073	1.39%	0.111%
58	13.210	1760	1765	1771	rVB2	42755	68716	3.97%	0.316%
59	13.275	1771	1776	1780	rBV8	25629	43885	2.54%	0.202%
60	13.463	1804	1808	1810	rBV3	29891	42860	2.48%	0.197%
61	13.492	1810	1813	1820	rVB2	50513	83613	4.83%	0.385%
62	13.933	1886	1888	1893	rBV6	13025	19897	1.15%	0.092%
63	14.068	1906	1911	1914	rBV	336606	491501	28.40%	2.263%
64	14.109	1914	1918	1922	rVV	216407	380482	21.99%	1.752%
65	14.150	1922	1925	1929	rVB2	86494	111313	6.43%	0.512%
66	14.320	1951	1954	1955	rBV3	18039	18894	1.09%	0.087%
67	14.362	1956	1961	1966	rVB	302494	458836	26.52%	2.112%
68	14.414	1966	1970	1975	rBV8	38759	71501	4.13%	0.329%
69	14.503	1981	1985	1991	rVB2	139396	208933	12.07%	0.962%
70	14.561	1991	1995	2004	rBV5	79283	170042	9.83%	0.783%
71	14.667	2004	2013	2019	rBV2	539063	996668	57.60%	4.588%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

72	14.732	2020	2024	2027	rBV	60453	86492	5.00%	0.398%
73	14.849	2039	2044	2049	rBV5	74232	142416	8.23%	0.656%
74	14.990	2066	2068	2073	rBV5	29159	41072	2.37%	0.189%
75	15.067	2077	2081	2086	rVB3	51988	73556	4.25%	0.339%
76	15.184	2097	2101	2105	rBV5	63572	85240	4.93%	0.392%
77	15.319	2122	2124	2128	rVB5	37507	53367	3.08%	0.246%
78	15.402	2131	2138	2142	rBV10	39112	94876	5.48%	0.437%
79	15.460	2144	2148	2153	rVV3	118020	186506	10.78%	0.859%
80	15.513	2154	2157	2161	rVB2	83488	100307	5.80%	0.462%
81	15.660	2177	2182	2187	rVB	358515	537975	31.09%	2.477%
82	15.713	2187	2191	2197	rBV3	67950	139094	8.04%	0.640%
83	15.919	2223	2226	2232	rVB	116035	162567	9.39%	0.748%
84	16.377	2300	2304	2305	rBV4	122238	151938	8.78%	0.699%
85	16.400	2305	2308	2314	rVB	270856	366571	21.18%	1.688%
86	17.164	2436	2438	2441	rVB	79678	71407	4.13%	0.329%
87	17.223	2444	2448	2452	rVB2	179947	263775	15.24%	1.214%
88	17.411	2475	2480	2484	rBV	624431	947535	54.76%	4.362%
89	17.452	2484	2487	2492	rVB	328354	437771	25.30%	2.015%
90	17.511	2493	2497	2501	rVV	310343	398382	23.02%	1.834%
91	18.474	2659	2661	2666	rVB3	245789	302469	17.48%	1.392%
92	19.462	2825	2829	2833	rVB	530670	703862	40.67%	3.240%
93	19.514	2835	2838	2843	rVV	339806	437961	25.31%	2.016%
94	19.796	2882	2886	2888	rBV3	457806	646676	37.37%	2.977%
95	20.825	3058	3061	3064	rVB	707562	724882	41.89%	3.337%
96	21.336	3144	3148	3156	rVB	931609	1307677	75.57%	6.020%
97	21.888	3238	3242	3247	rVB	888545	1270029	73.39%	5.847%
98	22.499	3342	3346	3352	rVB	983371	1522122	87.96%	7.007%
99	23.198	3461	3465	3472	rVB	872249	1568401	90.63%	7.220%
100	24.015	3599	3604	3612	rVB2	828268	1730470	100.00%	7.967%

Sum of corrected areas: 21721813

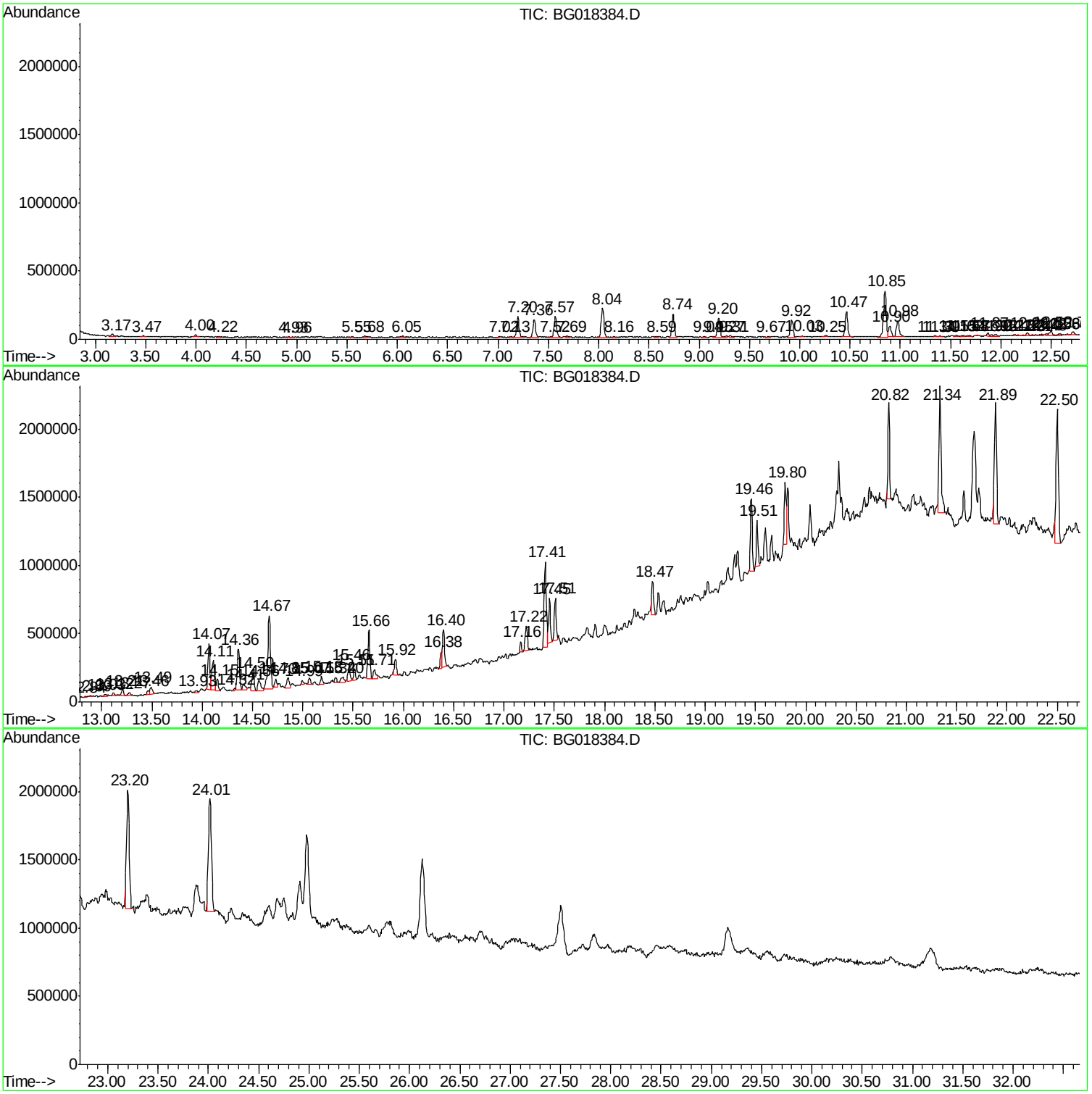
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

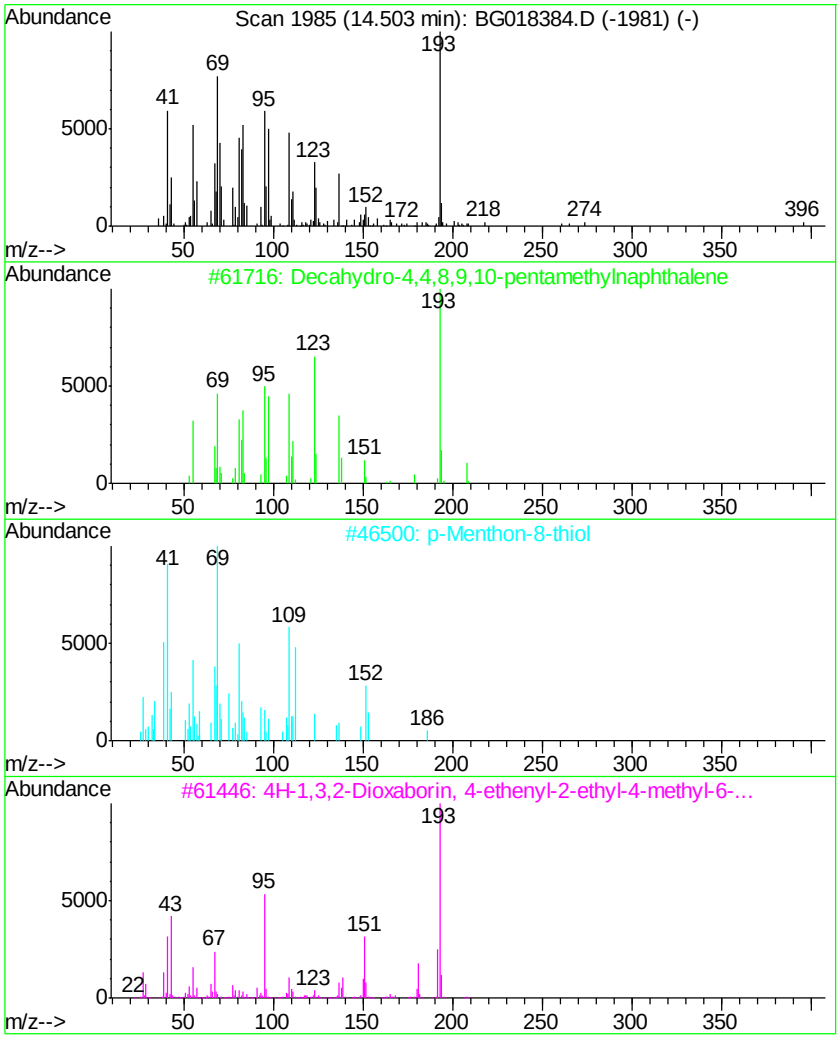
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

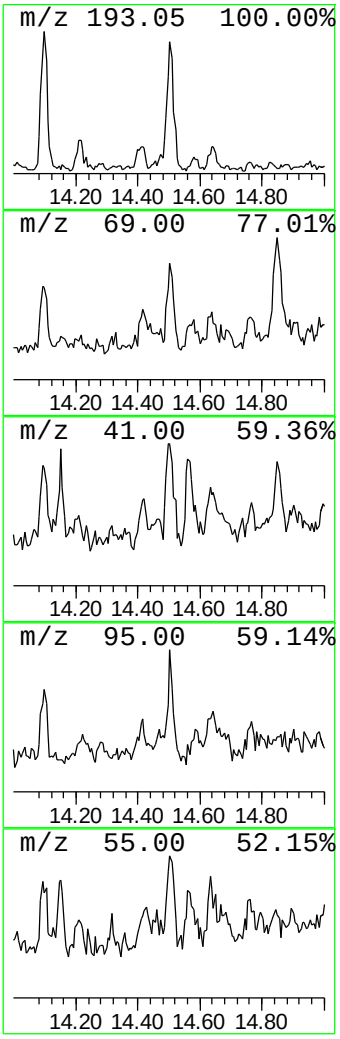
****

Peak Number 1 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	4.19 ng/ul	208933	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	47
2	p-Menthon-8-thiol	186	C10H18OS	033281-91-3	27
3	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	27
4	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	25
5	Cyclohexane, (2,2-dimethylcyclop...	180	C13H24	061142-23-2	15





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

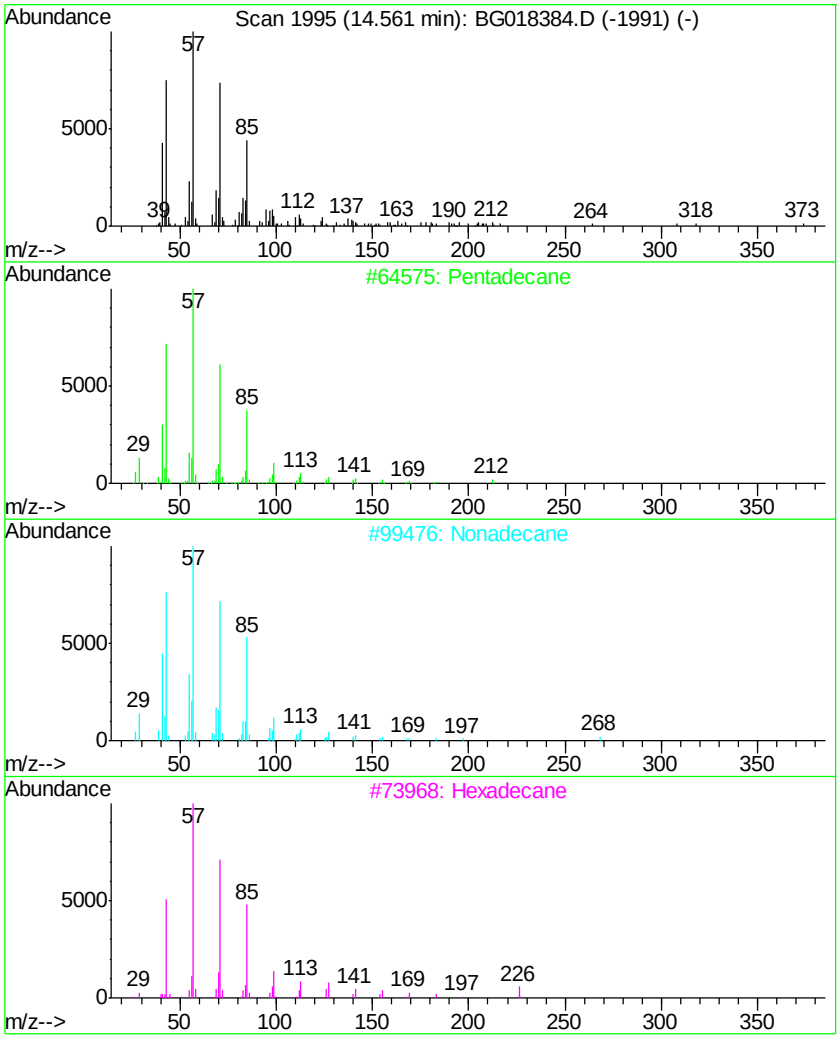
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

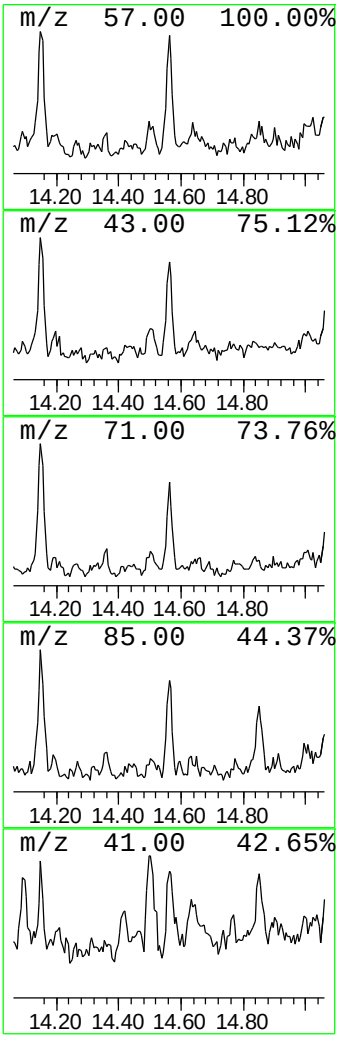
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	3.41 ng/ul	170042	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Nonadecane	268	C19H40	000629-92-5	86
3	Hexadecane	226	C16H34	000544-76-3	78
4	Octacosane	394	C28H58	000630-02-4	78
5	Hexadecane	226	C16H34	000544-76-3	78





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

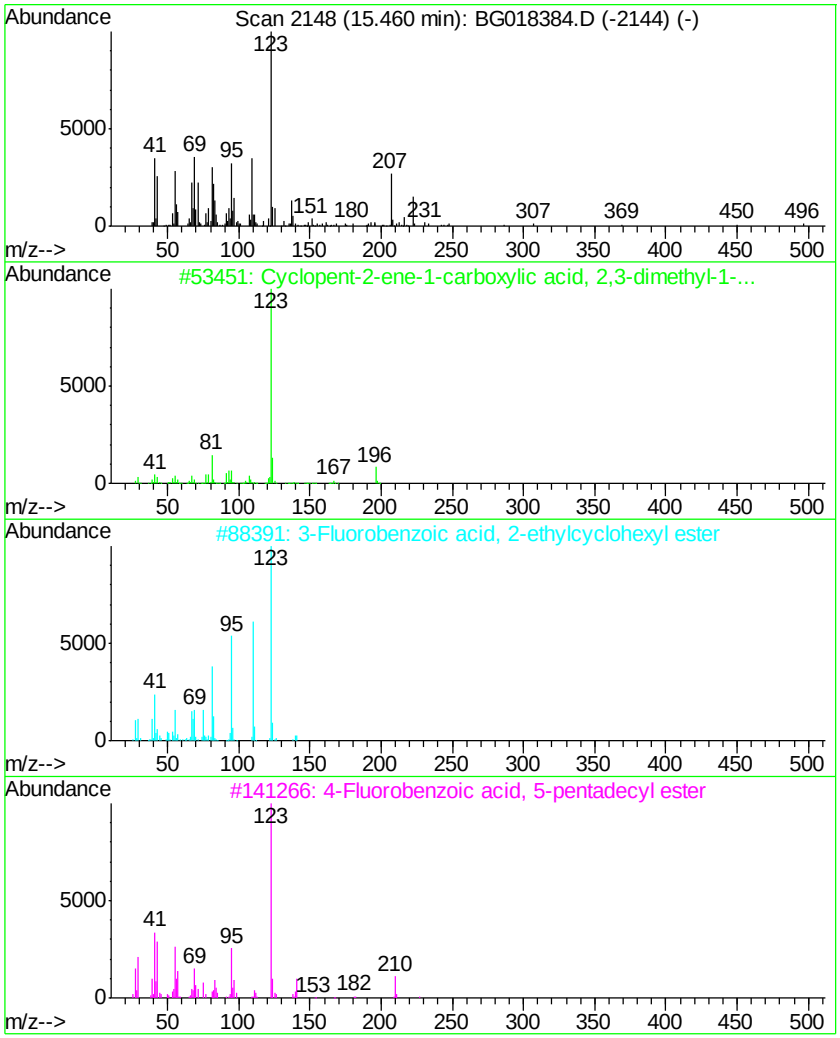
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

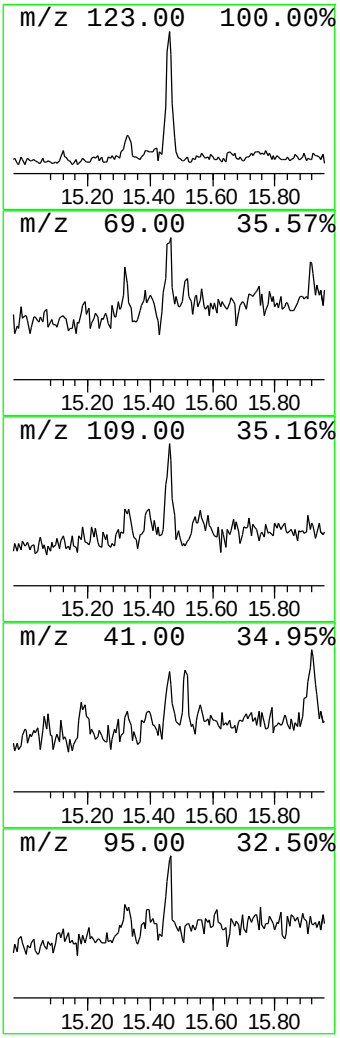
****

Peak Number 3 Cyclopent-2-ene-1-carboxyli... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	3.74 ng/ul	186506	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopent-2-ene-1-carboxylic aci...	196	C12H20O2	1000195-65-4	50
2	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	47
3	4-Fluorobenzoic acid, 5-pentadec...	350	C22H35FO2	1000280-68-6	47
4	4-Fluorobenzoic acid, 2,2-dimeth...	210	C12H15FO2	069912-03-4	47
5	Benzamide, 4-fluoro-N-(3-butoxyp...	287	C17H18FNO2	313276-40-3	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

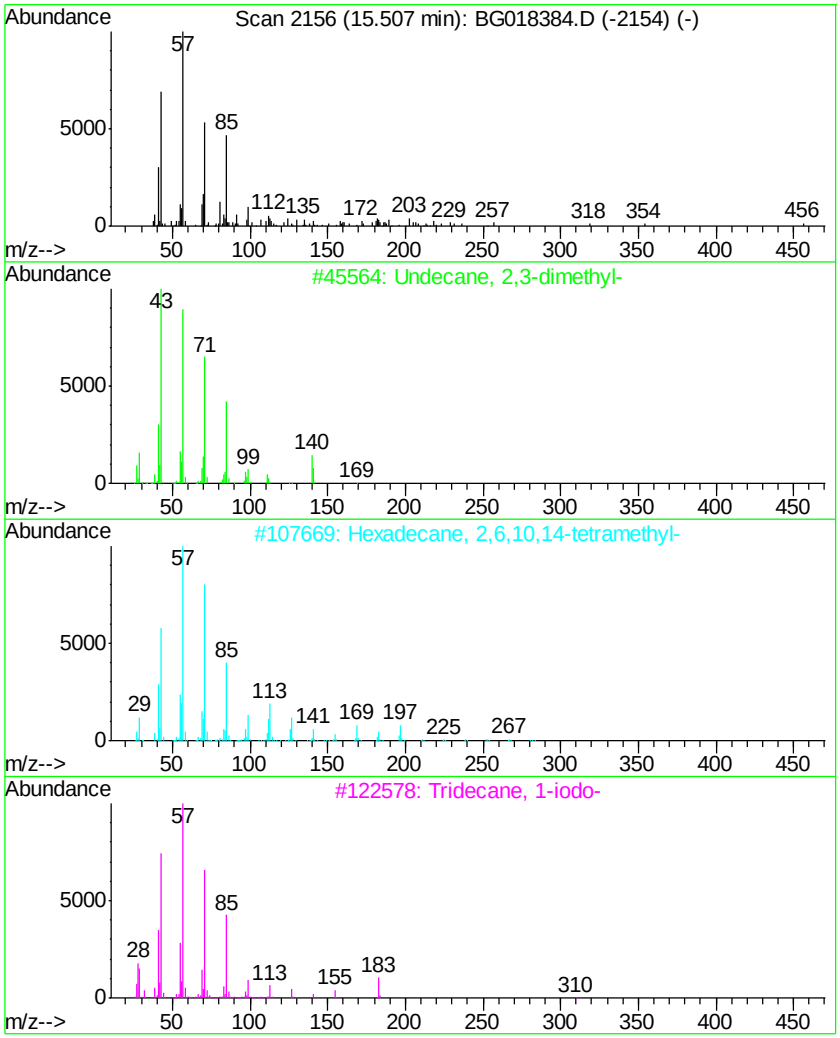
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

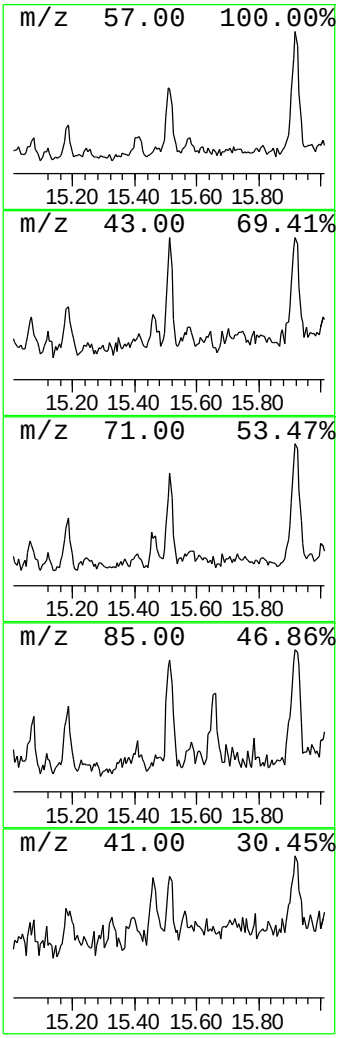
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	2.01 ng/ul	100307	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
4	4-Octanone	128	C8H16O	000589-63-9	72
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

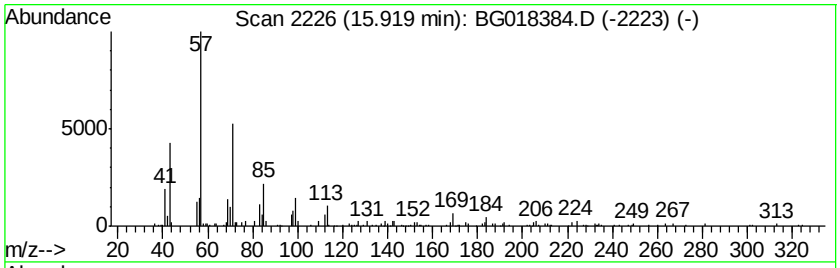
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

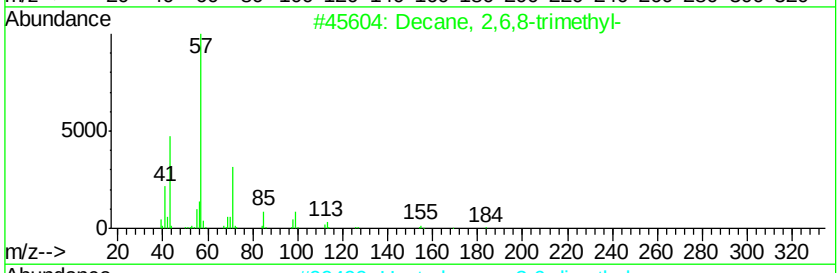
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

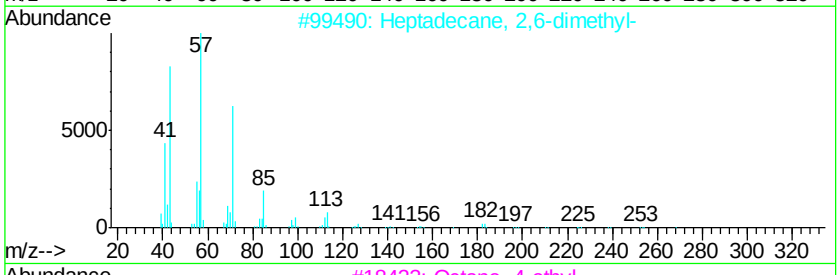
****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 14

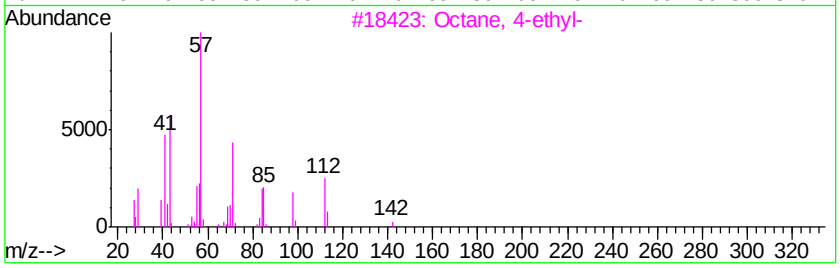
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	3.26 ng/ul	162567	Acenaphthene-d10	14.67

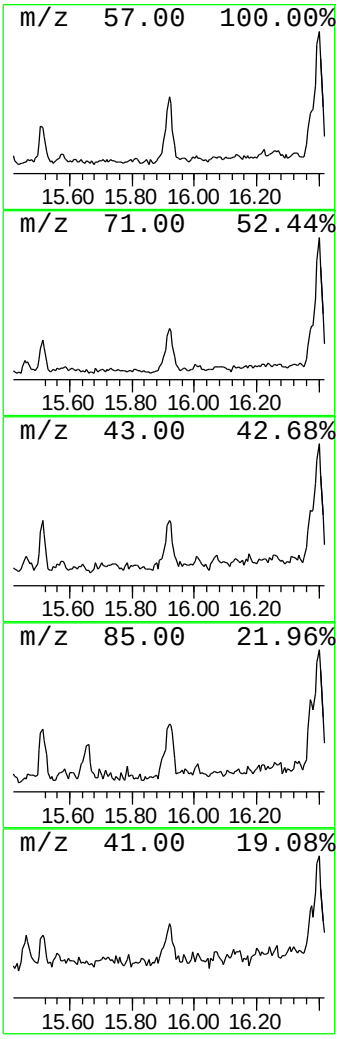
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
3	Octane, 4-ethyl-	142	C10H22	015869-86-0	64
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64











Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

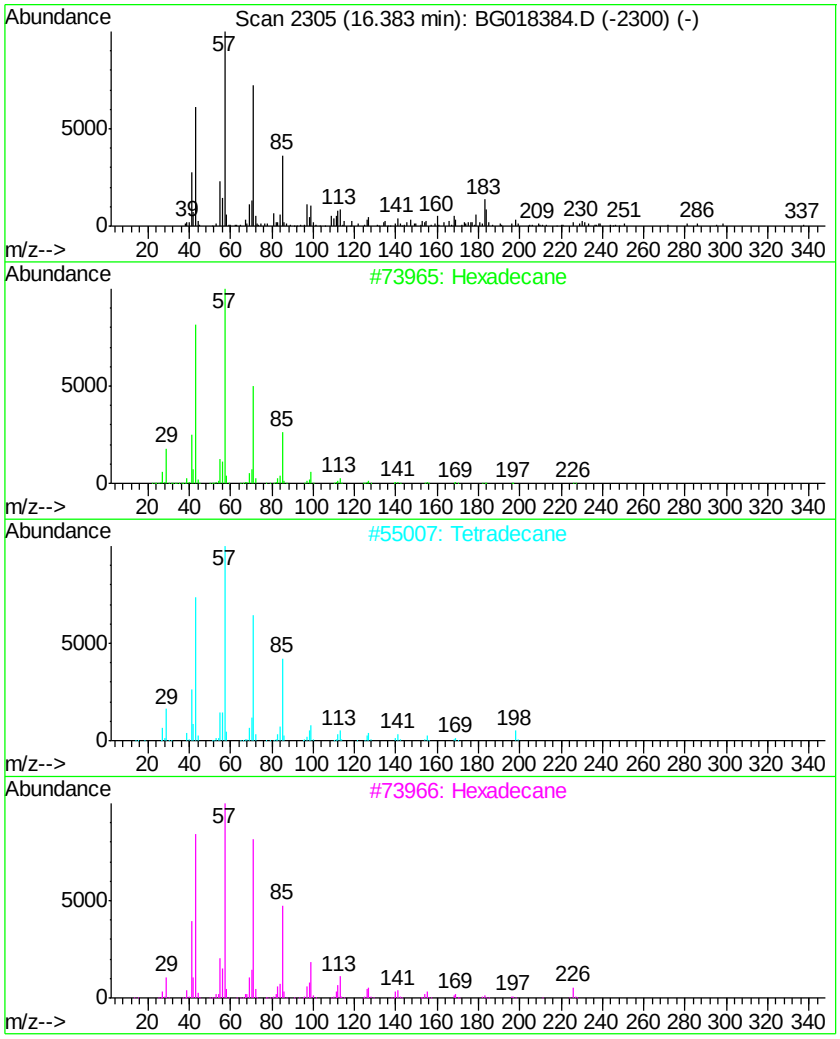
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

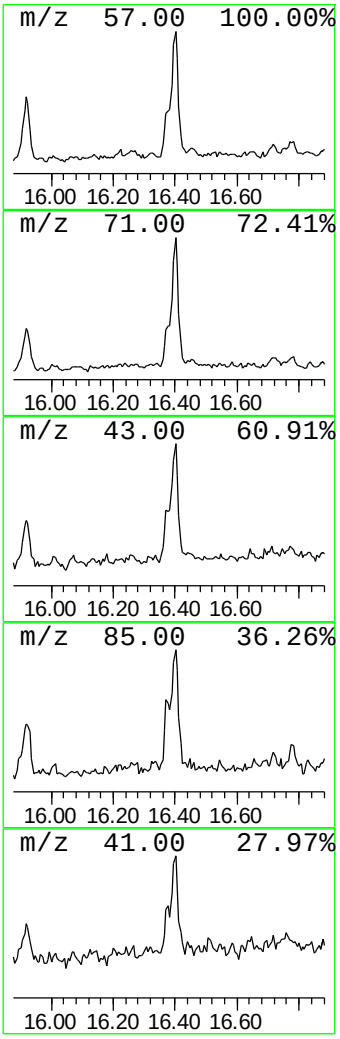
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	3.21 ng/ul	151938	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetradecane	198	C14H30	000629-59-4	92
3	Hexadecane	226	C16H34	000544-76-3	91
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	90
5	Octadecane	254	C18H38	000593-45-3	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

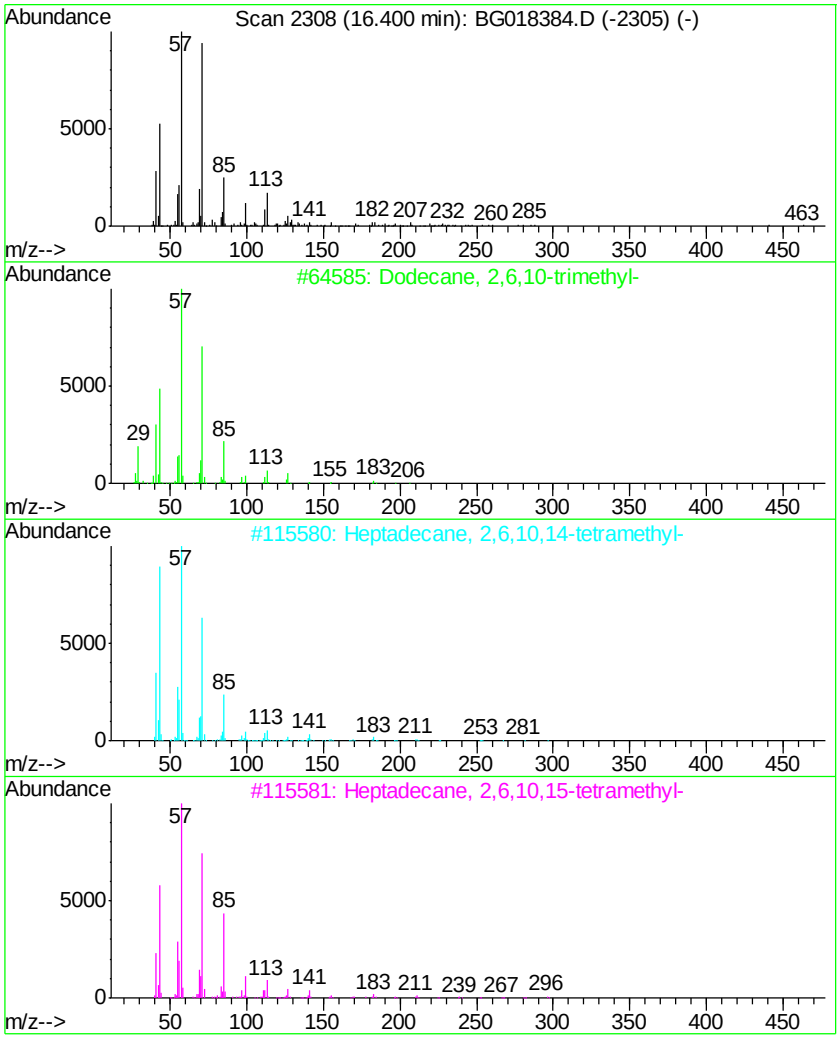
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

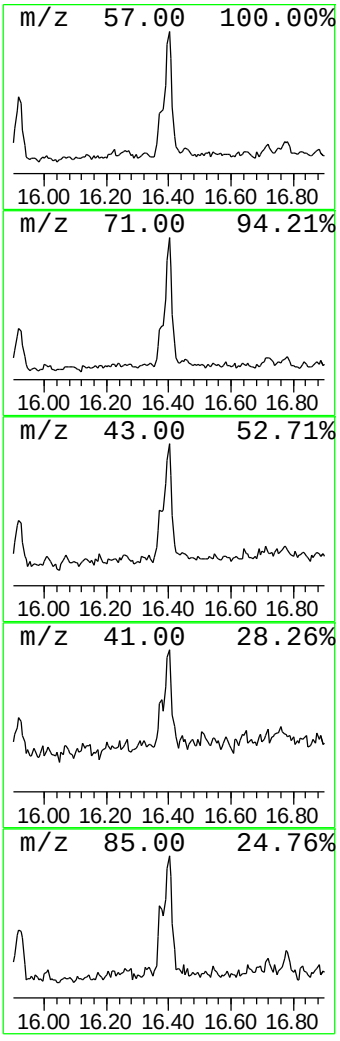
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	7.74 ng/ul	366571	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	59
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

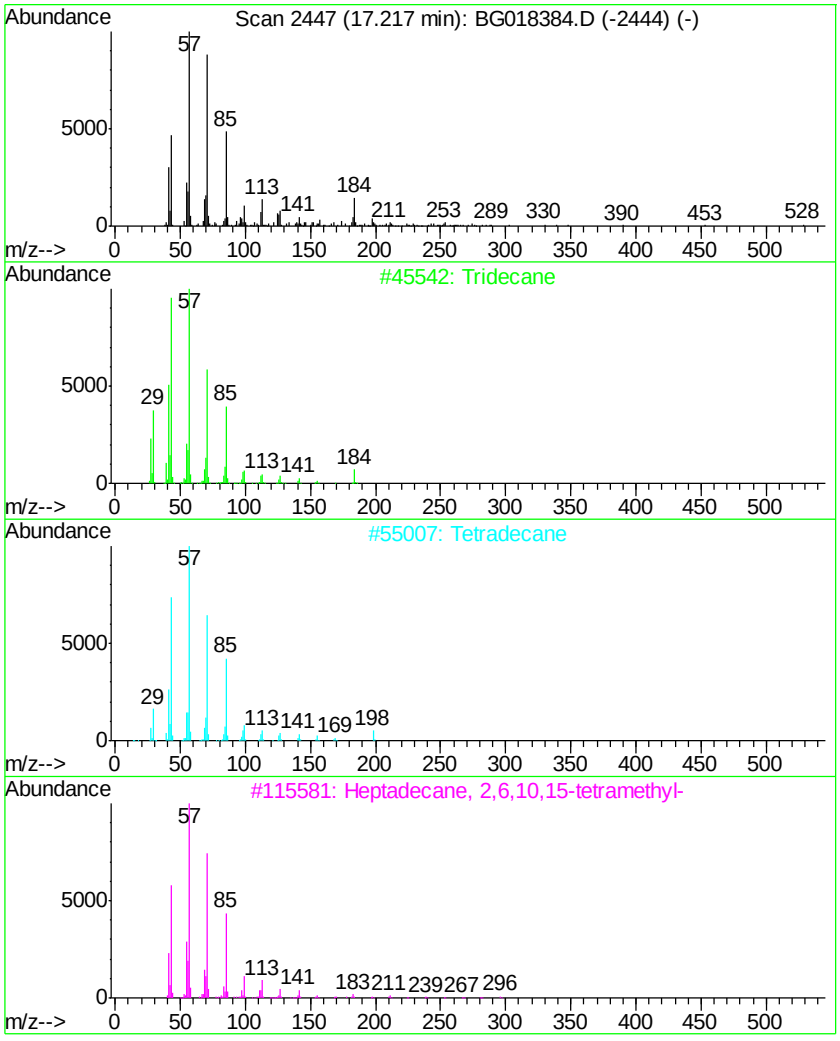
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

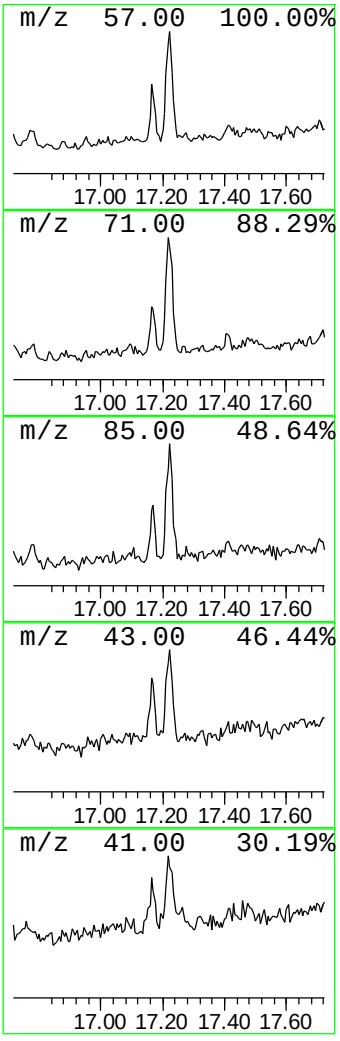
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	5.57 ng/ul	263775	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tetradecane	198	C14H30	000629-59-4	64
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4	Tetradecane	198	C14H30	000629-59-4	58
5	Octadecane	254	C18H38	000593-45-3	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

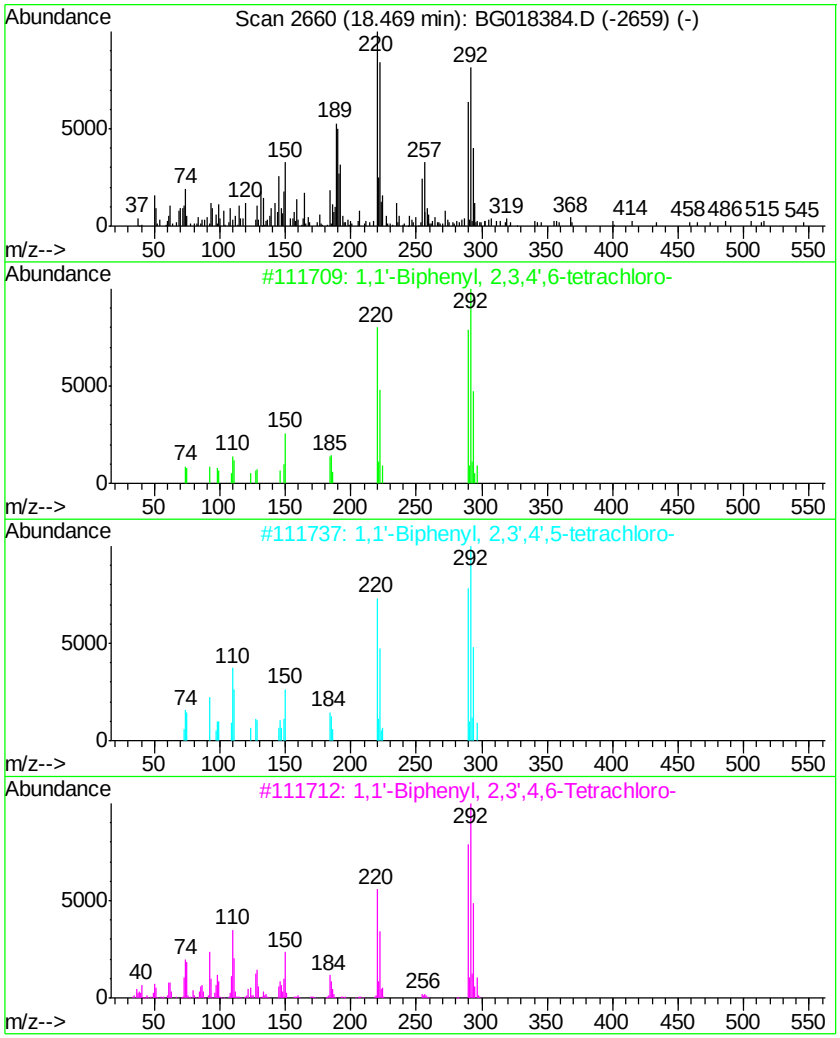
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

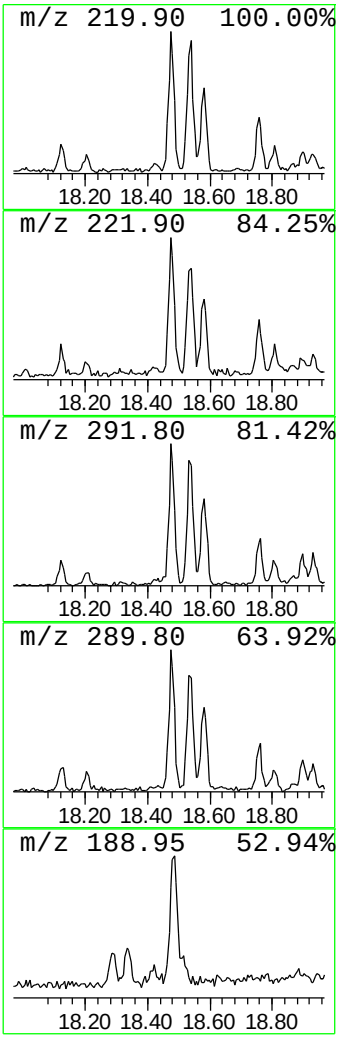
****

Peak Number 9 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	6.38 ng/ul	302469	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	93
2	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	93
3	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	93
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	92
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	92





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

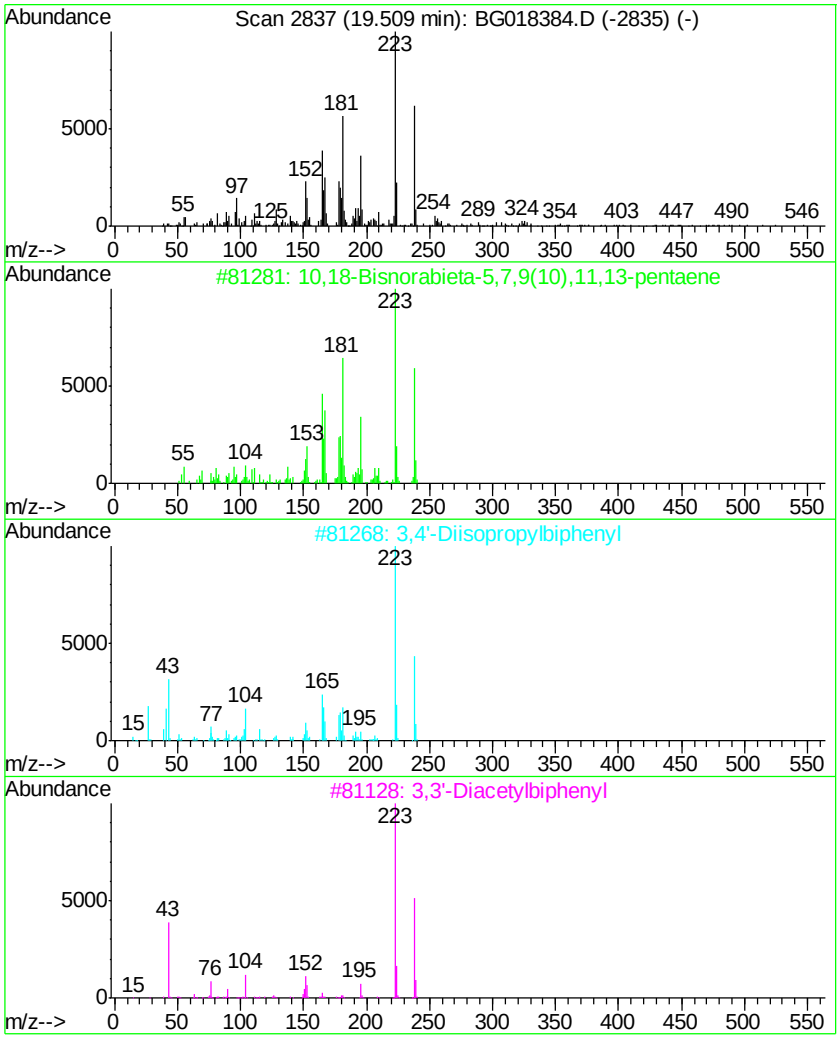
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

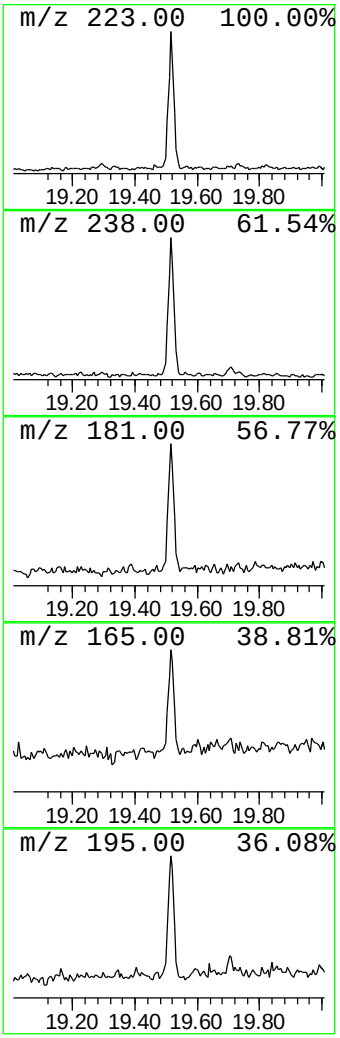
****

Peak Number 10 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	9.24 ng/ul	437961	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	87
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	86
3	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	49
4	4,4'-Diacetyl biphenyl	238	C16H14O2	000787-69-9	45
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

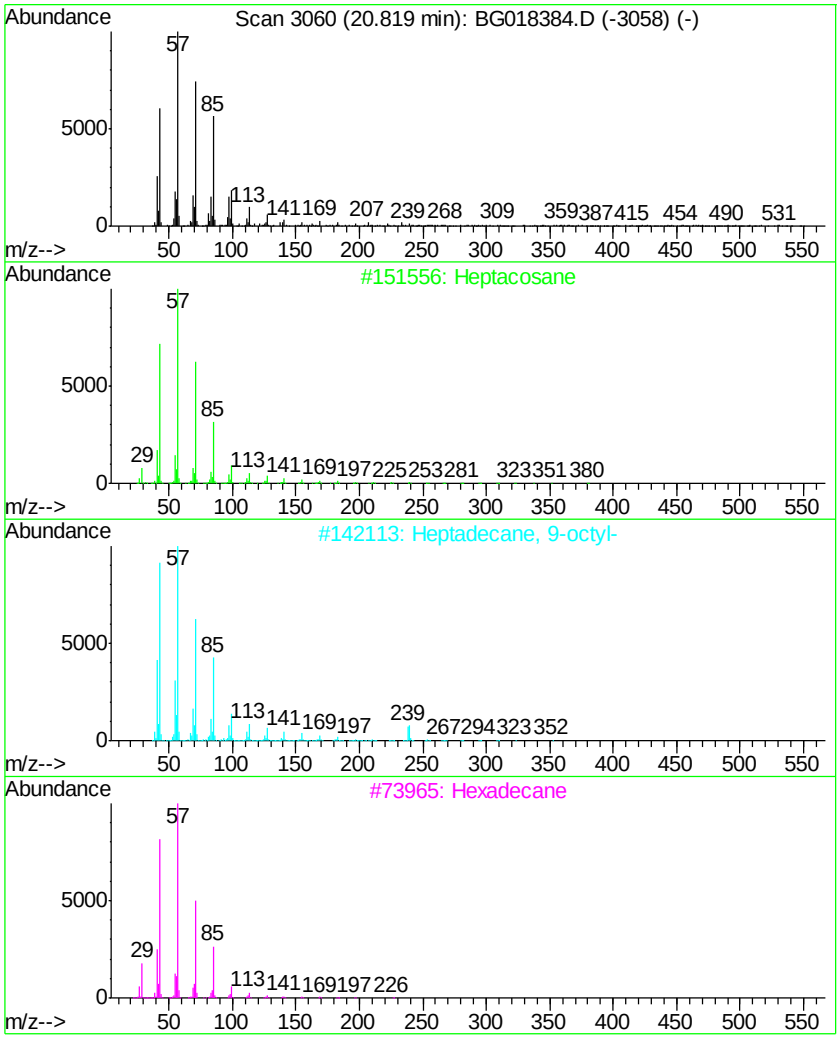
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

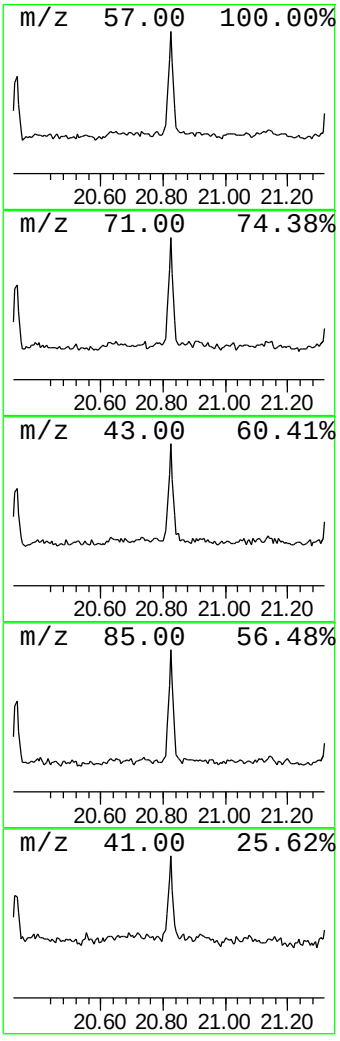
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	11.42 ng/ul	724882	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	70
3	Hexadecane	226	C16H34	000544-76-3	68
4	Eicosane	282	C20H42	000112-95-8	64
5	Pentadecane	212	C15H32	000629-62-9	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

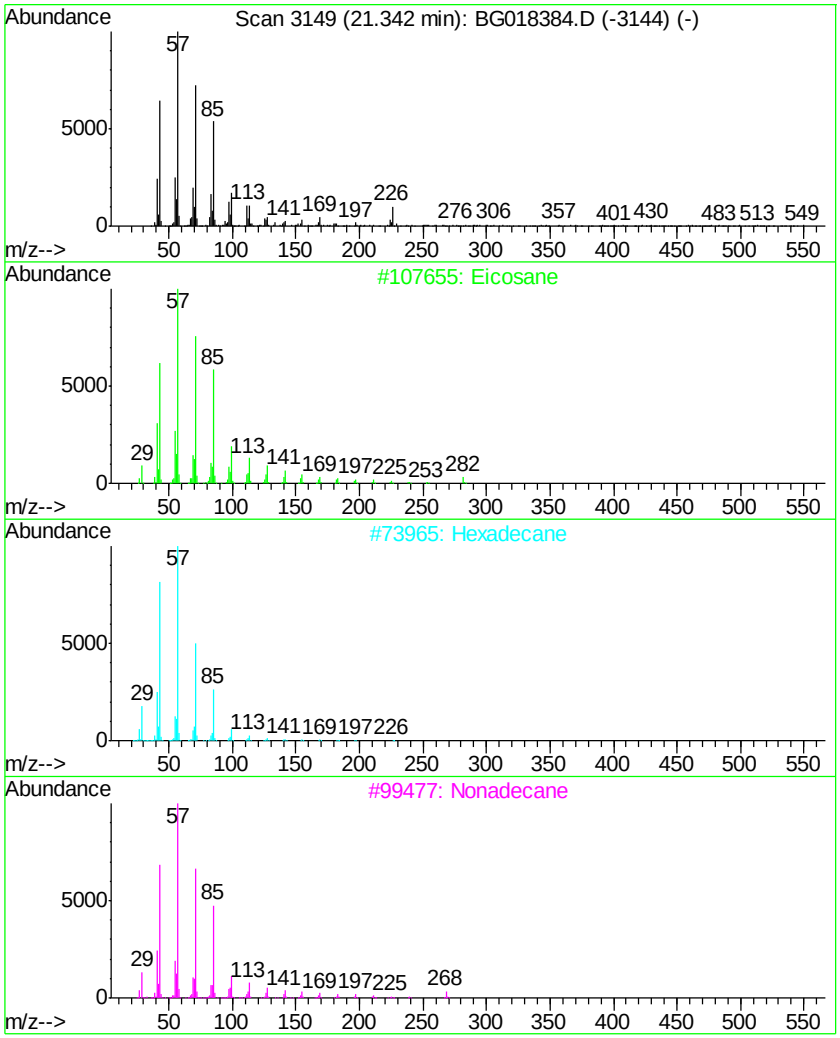
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

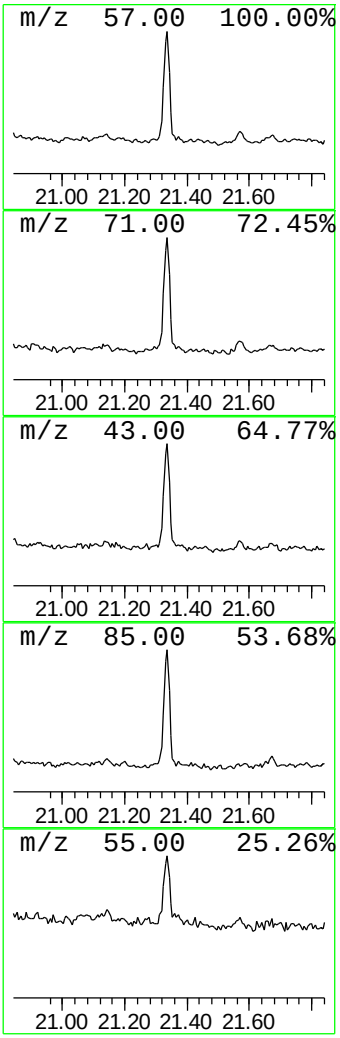
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	20.59 ng/ul	1307680	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Hexadecane	226	C16H34	000544-76-3	95
3	Nonadecane	268	C19H40	000629-92-5	93
4	Heneicosane	296	C21H44	000629-94-7	93
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

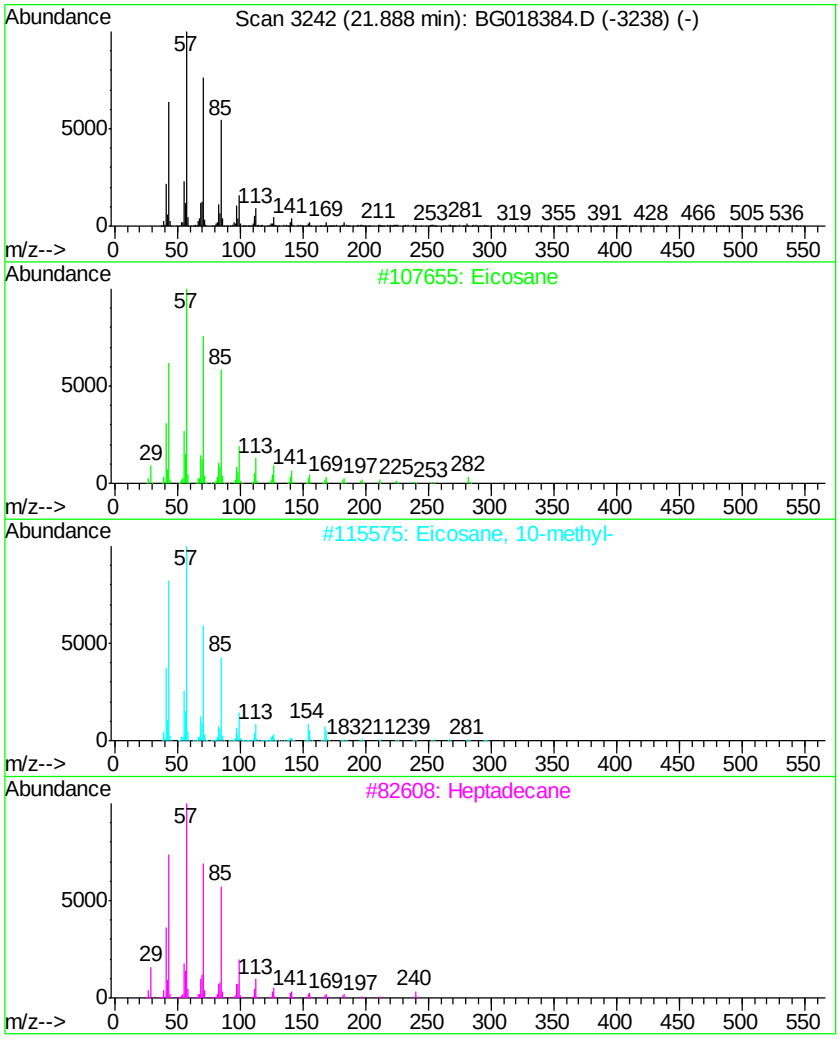
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

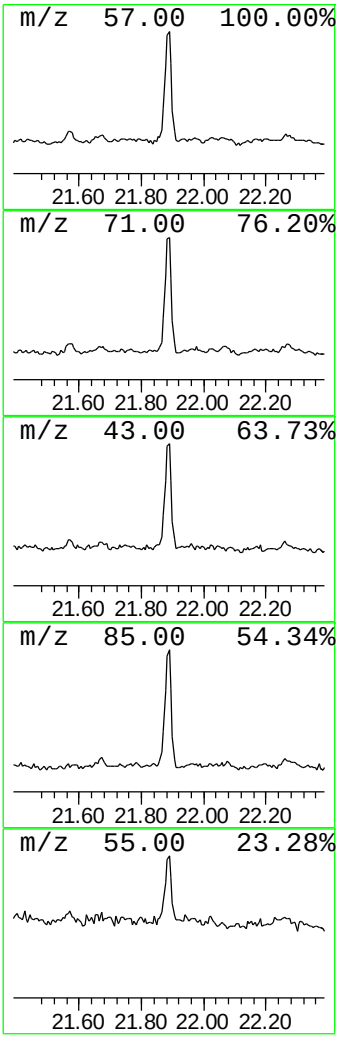
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	20.00 ng/ul	1270030	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Heptadecane	240	C17H36	000629-78-7	91
4	Nonadecane	268	C19H40	000629-92-5	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

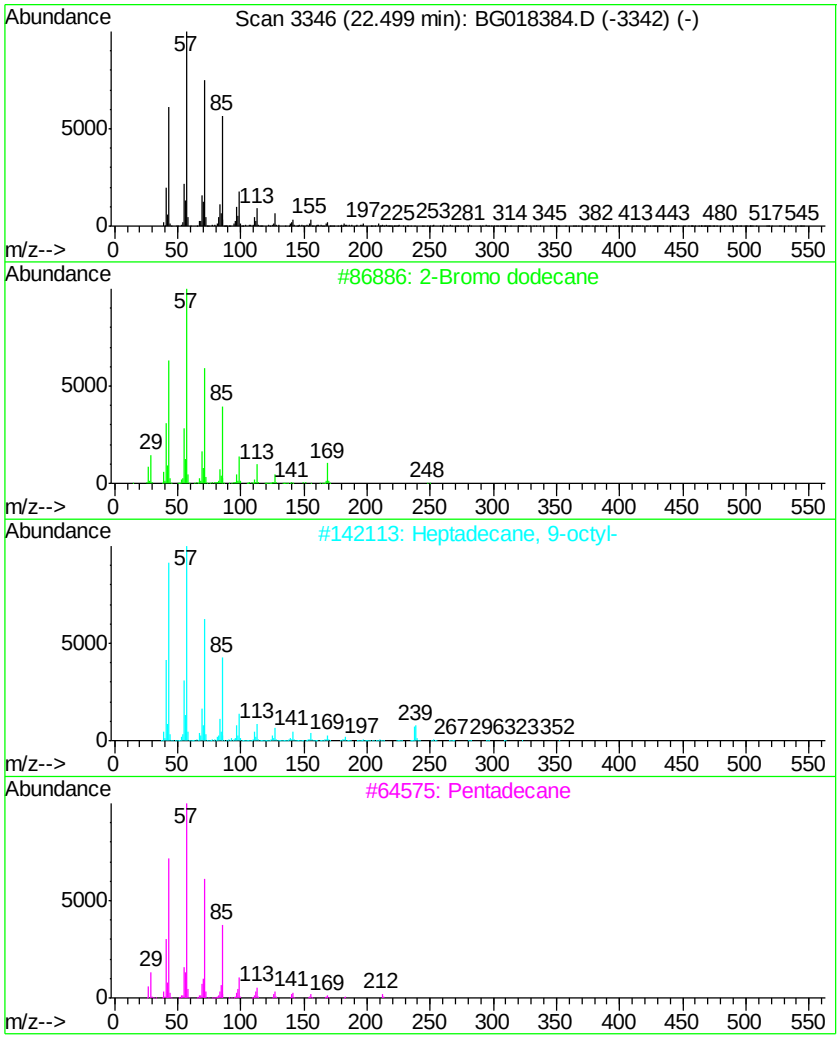
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

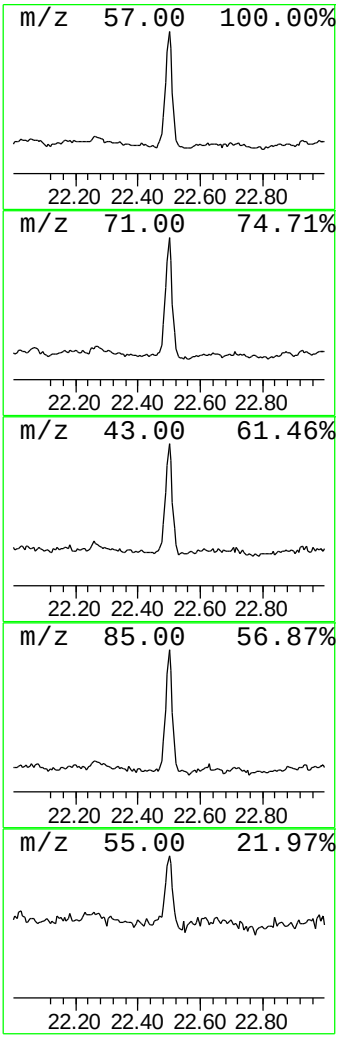
****

Peak Number 14 2-Bromo dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	23.97 ng/ul	1522120	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Pentadecane	212	C15H32	000629-62-9	93
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Heptadecane	240	C17H36	000629-78-7	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

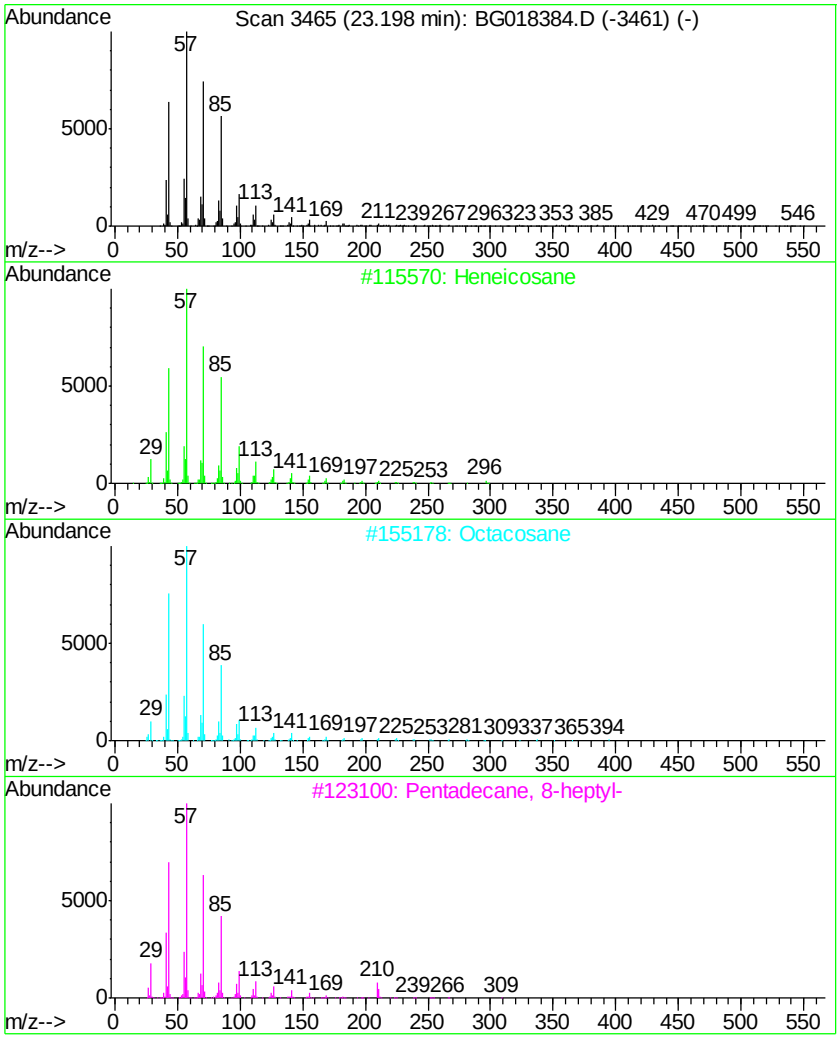
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

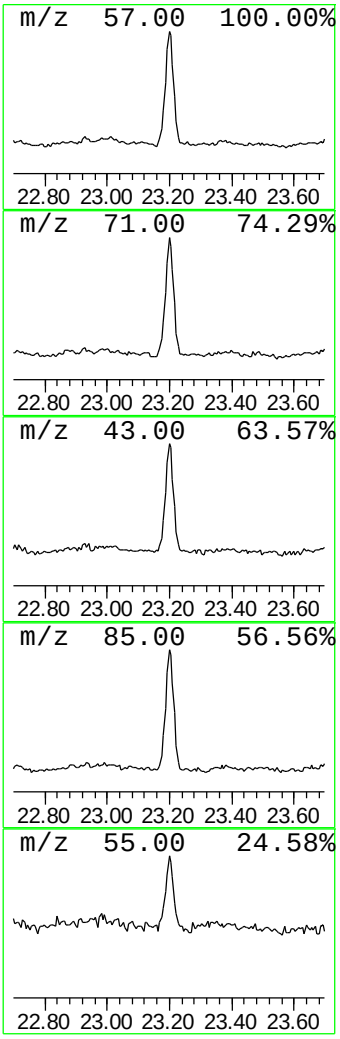
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	24.70 ng/ul	1568400	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Eicosane	282	C20H42	000112-95-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

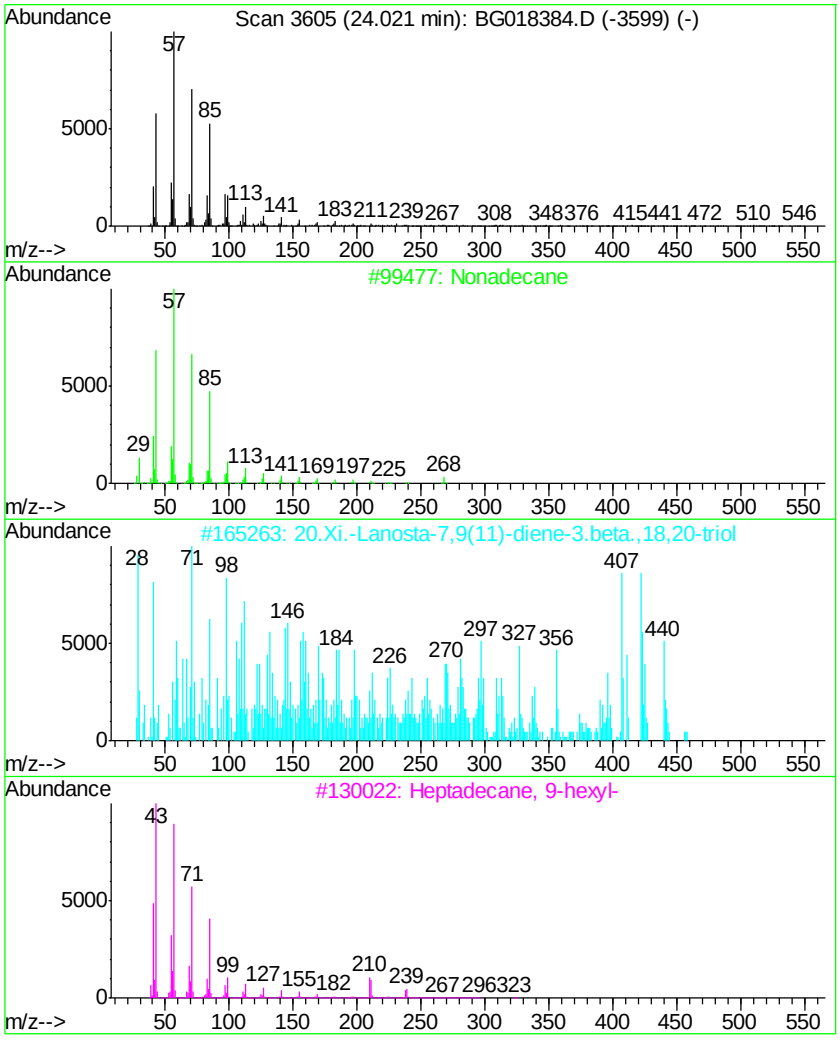
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

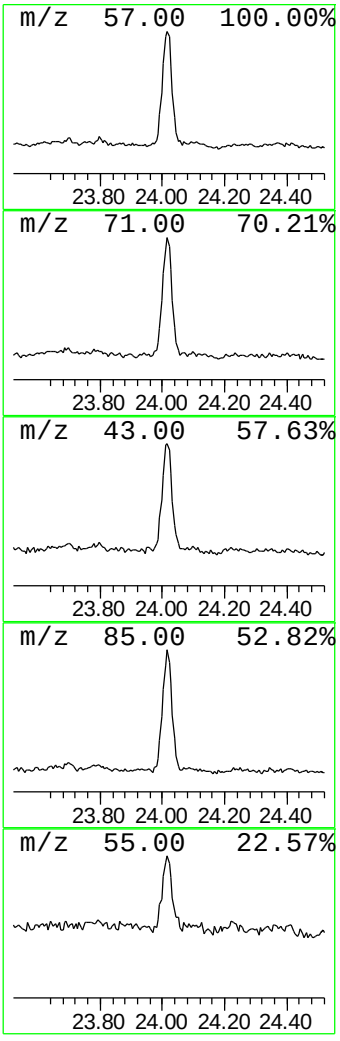
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	20.00 ng/ul	1730470	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	20.Xi.-Lanosta-7,9(11)-diene-3.b...	458	C30H50O3	025116-58-9	91
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02D0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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
unknown-01	14.50	4.2	ng/ul	208933	3	14.67	996668	20.0
(DEL) Alkane: Str...	14.56	3.4	ng/ul	170042	3	14.67	996668	20.0
Cyclopent-2-ene-1...	15.46	3.7	ng/ul	186506	3	14.67	996668	20.0
(DEL) Alkane: Str...	15.51	2.0	ng/ul	100307	3	14.67	996668	20.0
(DEL) Alkane: Str...	15.92	3.3	ng/ul	162567	3	14.67	996668	20.0
(DEL) Alkane: Str...	16.38	3.2	ng/ul	151938	4	17.41	947535	20.0
(DEL) Alkane: Str...	16.40	7.7	ng/ul	366571	4	17.41	947535	20.0
(DEL) Alkane: Str...	17.22	5.6	ng/ul	263775	4	17.41	947535	20.0
1,1'-Biphenyl, 2,...	18.47	6.4	ng/ul	302469	4	17.41	947535	20.0
10,18-Bisnorabiet...	19.51	9.2	ng/ul	437961	4	17.41	947535	20.0
(DEL) Alkane: Str...	20.82	11.4	ng/ul	724882	5	21.68	1270030	20.0
(DEL) Alkane: Str...	21.34	20.6	ng/ul	1307680	5	21.68	1270030	20.0
(DEL) Alkane: Str...	21.89	20.0	ng/ul	1270030	5	21.68	1270030	20.0
2-Bromo dodecane	22.50	24.0	ng/ul	1522120	5	21.68	1270030	20.0
(DEL) Alkane: Str...	23.20	24.7	ng/ul	1568400	5	21.68	1270030	20.0
(DEL) Alkane: Str...	24.02	20.0	ng/ul	1730470	6	24.91	1730470	20.0