LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002797.D
Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

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_M\METHODS\SOM02.2-EPA-BM092915.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	3.363	40	47	57	rBV	80671	178526	6.53%	0.621%
2	3.452	57	62	76	rVB	203676	316887	11.58%	1.102%
3	3.769	111	116	124	rVB	15386	22735	0.83%	0.079%
4	4.622	253	261	274	rBV	1660870	2735541	100.00%	9.516%
5	4.728	274	279	285	rVB	16217	24780	0.91%	0.086%
6	5.540	412	417	425	rVB	18835	32234	1.18%	0.112%
7	6.234	527	535	539	rBV	25800	49380	1.81%	0.172%
8	6.334	547	552	558	rBV	30256	48341	1.77%	0.168%
9	6.569	584	592	597	rBV2	25493	46654	1.71%	0.162%
10	6.763	619	625	635	rBV6	10274	27082	0.99%	0.094%
11	6.863	635	642	650	rBV3	34590	80996	2.96%	0.282%
12	6.987	655	663	672	rVB	27554	59165	2.16%	0.206%
13	7.075	672	678	687	rBV	49014	81702	2.99%	0.284%
14	7.157	687	692	698	rBV	49636	74695	2.73%	0.260%
15	7.251	703	708	716	rVB4	22477	56515	2.07%	0.197%
16	7.493	745	749	757	rVB3	21651	42200	1.54%	0.147%
17	7.616	764	770	782	rVB	176300	291513	10.66%	1.014%
18	7.822	794	805	811	rBV	317563	654226	23.92%	2.276%
19	7.992	822	834	847	rBV2	271827	537058	19.63%	1.868%
20	8.216	856	872	880	rVV	330523	678569	24.81%	2.361%
21	8.292	880	885	890	rVB3	22008	35674	1.30%	0.124%
22	8.445	907	911	914	rVV2	21824	32405	1.18%	0.113%
23	8.540	923	927	932	rVV5	21765	48670	1.78%	0.169%
24	8.628	936	942	948	rVB	97601	165041	6.03%	0.574%
25	8.698	948	954	963	rVB	297350	556920	20.36%	1.937%
26	8.787	963	969	974	rBV3	24959	47949	1.75%	0.167%
27	8.839	974	978	982	rBV	51863	73568	2.69%	0.256%
28	8.892	982	987	994	rVV2	70074	141111	5.16%	0.491%
29	9.022	1005	1009	1014	rVB5	14263	25332	0.93%	0.088%
30	9.081	1014	1019	1024	rBV2	21954	39734	1.45%	0.138%
31	9.145	1024	1030	1032	rBV3	15990	31063	1.14%	0.108%
32	9.181	1032	1036	1037	rBV	22006	25119	0.92%	0.087%
33	9.210	1037	1041	1045	rVB	44249	65693	2.40%	0.229%
34	9.339	1057	1063	1068	rBV	69755	110254	4.03%	0.384%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002797.D
Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

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_M\METHODS\SOM02.2-EPA-BM092915.M
Title : SVOA CALIBRATION

35	9.404	1068	1074	1090	rVB	416254	746766	27.30%	2.598%
36	9.551	1092	1099	1103	rBV2	44906	90230	3.30%	0.314%
37	9.716	1119	1127	1133	rVV4	17624	47425	1.73%	0.165%
38	9.804	1135	1142	1146	rVV8	16334	36222	1.32%	0.126%
39	9.898	1150	1158	1167	rVB	312340	572963	20.95%	1.993%
40	10.028	1174	1180	1183	rBV6	16610	33197	1.21%	0.115%
41	10.128	1190	1197	1199	rBV3	13421	27921	1.02%	0.097%
42	10.192	1204	1208	1212	rVB2	28058	42252	1.54%	0.147%
43	10.251	1212	1218	1223	rBV	48395	79980	2.92%	0.278%
44	10.322	1223	1230	1233	rBV6	20817	49214	1.80%	0.171%
45	10.410	1240	1245	1247	rBV5	14714	23019	0.84%	0.080%
46	10.445	1247	1251	1257	rVB2	39794	63205	2.31%	0.220%
47	10.551	1263	1269	1273	rBV3	23013	40688	1.49%	0.142%
48	10.628	1273	1282	1292	rVV2	251832	491491	17.97%	1.710%
49	10.728	1292	1299	1302	rVV6	28229	67322	2.46%	0.234%
50	10.751	1302	1303	1307	rVV2	29305	35808	1.31%	0.125%
51	10.792	1307	1310	1312	rVV2	16013	25178	0.92%	0.088%
52	10.822	1312	1315	1319	rVV3	17772	28042	1.03%	0.098%
53	10.886	1321	1326	1334	rVV2	28380	69116	2.53%	0.240%
54	10.957	1334	1338	1342	rVV	20913	29534	1.08%	0.103%
55	11.004	1342	1346	1350	rVB	17289	26592	0.97%	0.093%
56	11.086	1351	1360	1365	rBV5	6957	22716	0.83%	0.079%
57	11.169	1368	1374	1390	rVB	389138	734529	26.85%	2.555%
58	11.357	1400	1406	1410	rBV6	9685	24892	0.91%	0.087%
59	11.563	1434	1441	1450	rVV	434546	813460	29.74%	2.830%
60	11.645	1450	1455	1457	rVV	66452	105450	3.85%	0.367%
61	11.686	1457	1462	1473	rVV	400280	748134	27.35%	2.603%
62	11.963	1503	1509	1513	rVB3	18644	37071	1.36%	0.129%
63	12.116	1531	1535	1542	rBV4	17906	41698	1.52%	0.145%
64	12.204	1545	1550	1560	rVB4	48171	114997	4.20%	0.400%
65	12.304	1561	1567	1570	rBV4	25763	46217	1.69%	0.161%
66	12.380	1576	1580	1586	rVB3	17243	28972	1.06%	0.101%
67	12.480	1592	1597	1602	rVV	53844	79240	2.90%	0.276%
68	12.575	1610	1613	1625	rVB6	16378	38443	1.41%	0.134%
69	12.704	1631	1635	1638	rBV4	13849	25005	0.91%	0.087%
70	12.739	1638	1641	1647	rVV	18886	33522	1.23%	0.117%
71	12.827	1649	1656	1660	rVB3	21645	38262	1.40%	0.133%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002797.D
Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

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_M\METHODS\SOM02.2-EPA-BM092915.M
Title : SVOA CALIBRATION

72	13.233	1718	1725	1729	rBV6	12146	26224	0.96%	0.091%
73	13.339	1738	1743	1748	rVV5	24619	43507	1.59%	0.151%
74	13.410	1750	1755	1758	rVV4	14418	26698	0.98%	0.093%
75	13.474	1763	1766	1770	rVV2	14485	22987	0.84%	0.080%
76	13.574	1778	1783	1787	rVB3	11878	23149	0.85%	0.081%
77	13.651	1789	1796	1804	rVB5	22454	51189	1.87%	0.178%
78	13.733	1804	1810	1815	rBV4	16745	32832	1.20%	0.114%
79	13.786	1815	1819	1823	rVB	26827	32396	1.18%	0.113%
80	14.680	1965	1971	1975	rVV	751552	1139782	41.67%	3.965%
81	14.721	1975	1978	1990	rVB	478806	682327	24.94%	2.374%
82	15.004	2019	2026	2033	rBV	955177	1452769	53.11%	5.054%
83	15.116	2040	2045	2052	rVB2	20712	32470	1.19%	0.113%
84	15.298	2070	2076	2084	rVB2	608021	952117	34.81%	3.312%
85	15.474	2100	2106	2115	rBV	264671	439849	16.08%	1.530%
86	16.045	2200	2203	2209	rVB	45071	59684	2.18%	0.208%
87	16.274	2235	2242	2251	rBV	1201352	1804928	65.98%	6.279%
88	16.398	2258	2263	2268	rBV	131707	194816	7.12%	0.678%
89	16.445	2268	2271	2276	rVV	33634	50656	1.85%	0.176%
90	16.898	2344	2348	2349	rBV	50836	57974	2.12%	0.202%
91	17.680	2477	2481	2485	rBV	46038	53716	1.96%	0.187%
92	17.727	2486	2489	2494	rVB	27623	37926	1.39%	0.132%
93	18.009	2531	2537	2543	rVB	700990	1026185	37.51%	3.570%
94	18.109	2548	2554	2564	rBV2	1259308	1923439	70.31%	6.691%
95	18.409	2601	2605	2610	rVB	32873	38894	1.42%	0.135%
96	20.345	2928	2934	2944	rVB	1299459	1863524	68.12%	6.483%
97	21.703	3161	3165	3178	rVB	178836	278770	10.19%	0.970%
98	22.097	3227	3232	3237	rBV	637247	864201	31.59%	3.006%
99	24.527	3638	3645	3659	rVB	761060	1673266	61.17%	5.821%
100	24.697	3667	3674	3683	rVB	390999	864145	31.59%	3.006%

Sum of corrected areas: 28746525

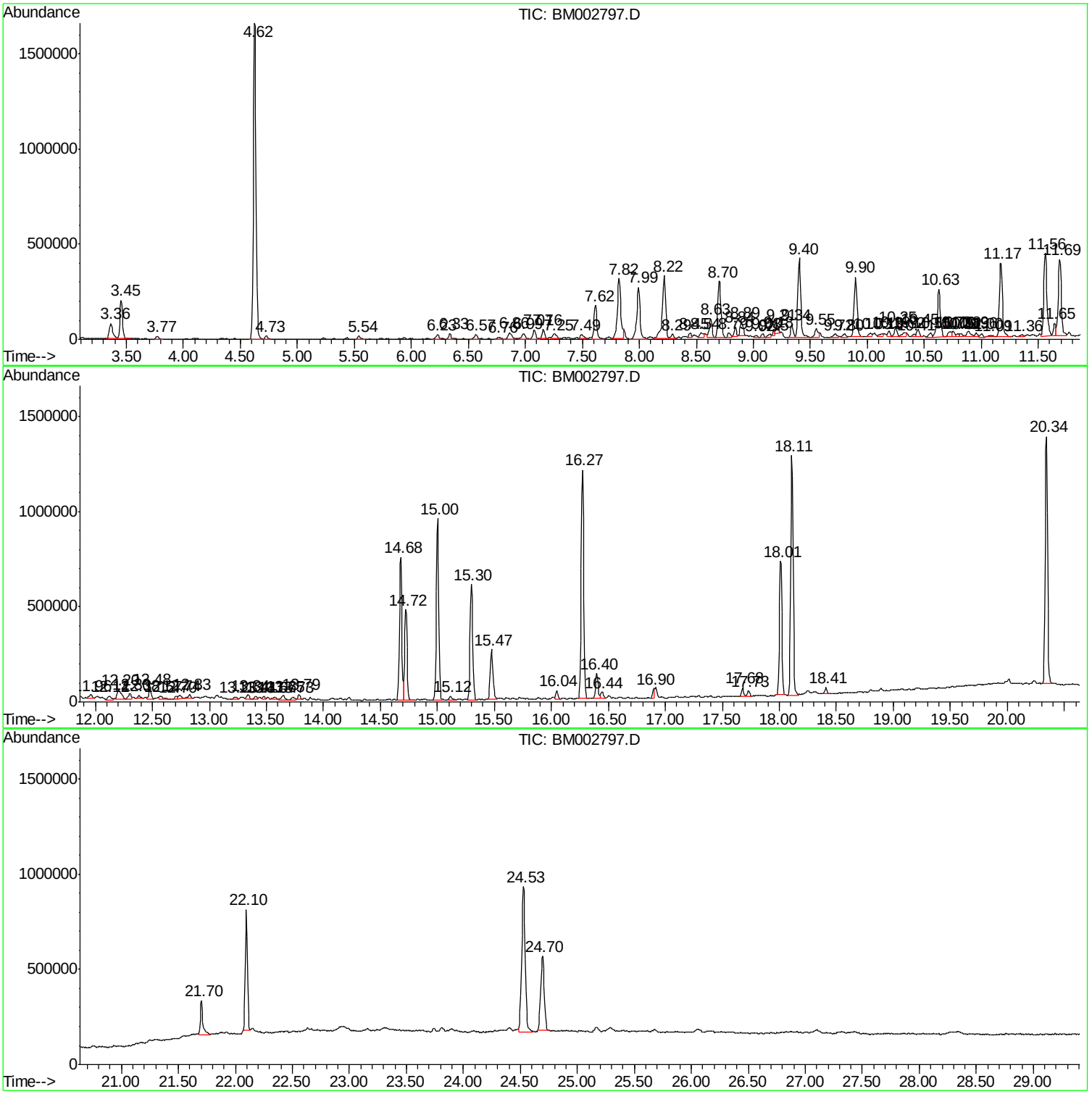
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002797.D
Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002797.D
Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

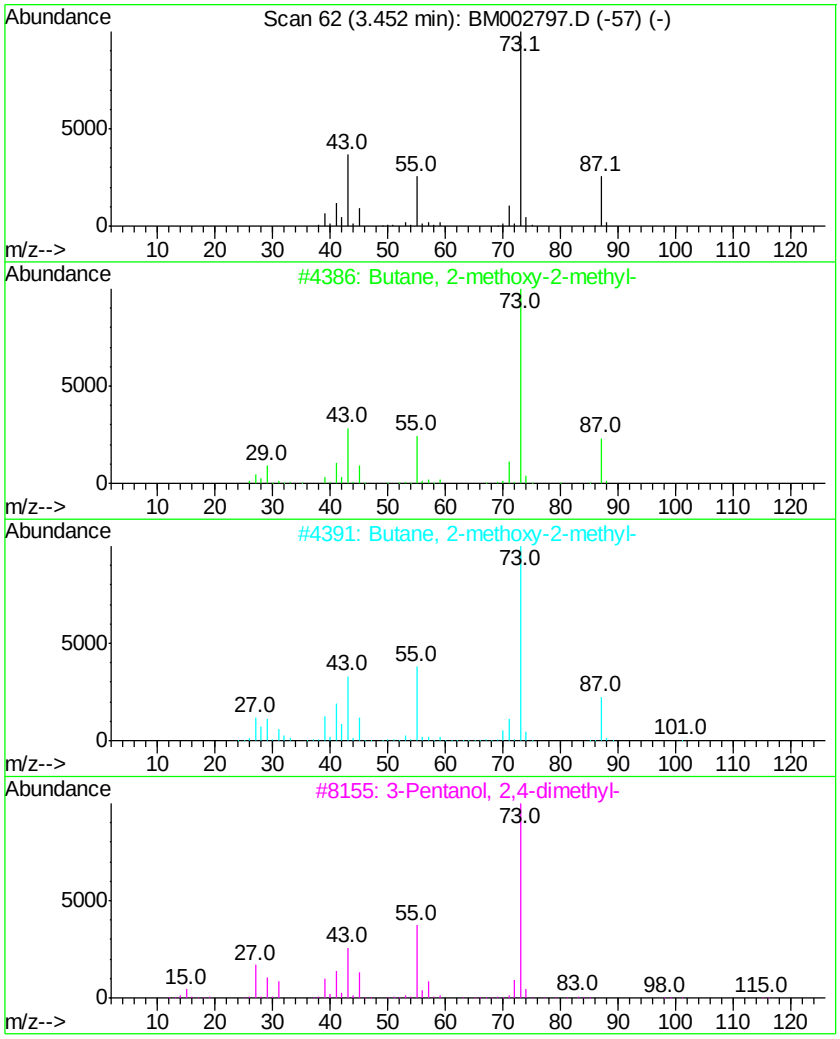
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

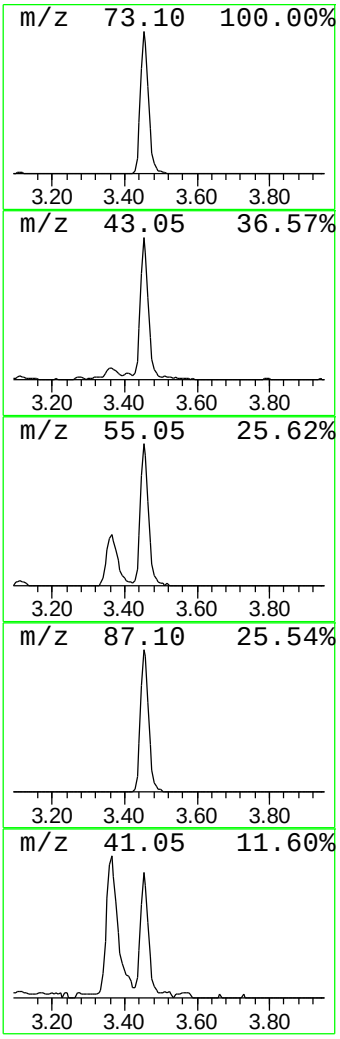
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	11.38 ng/ul	316887	1,4-Dichlorobenzene-d4	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10





Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002797.D
Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

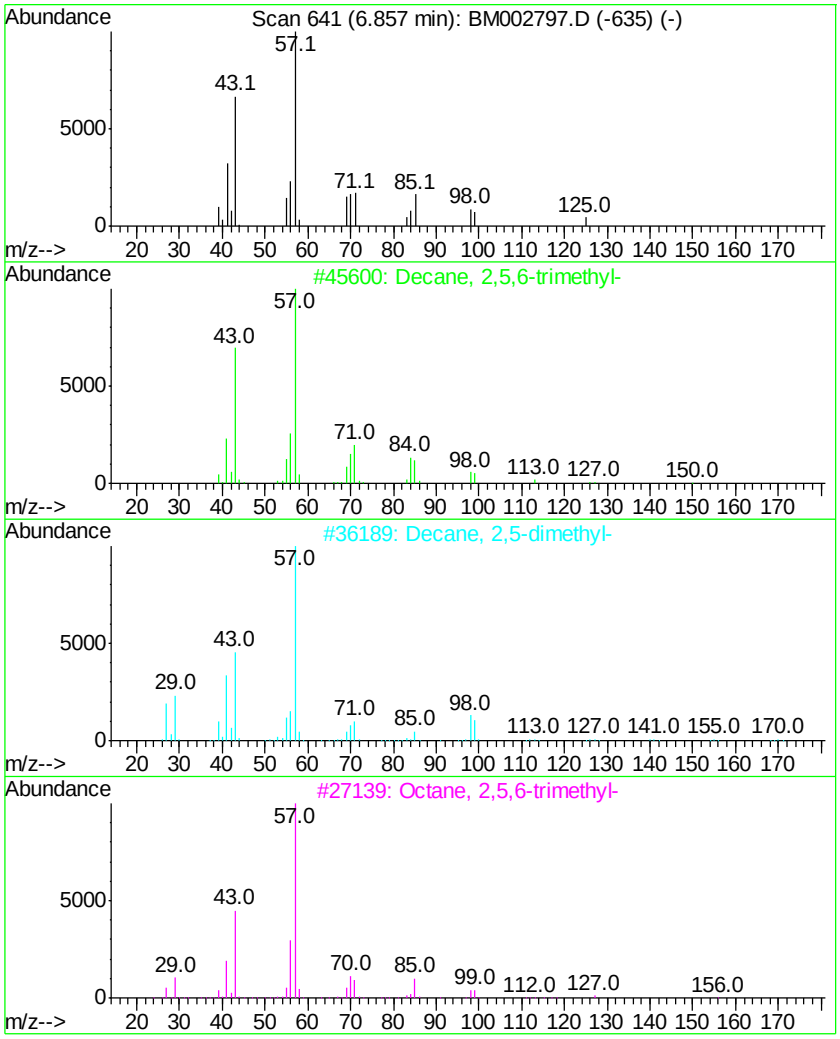
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

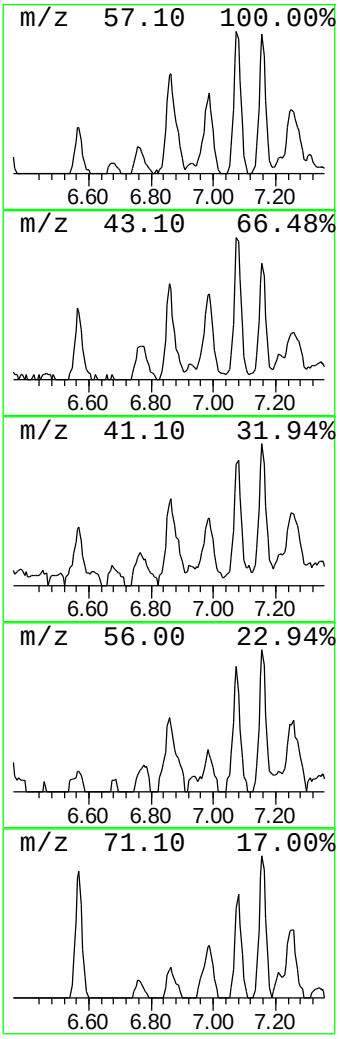
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	2.91 ng/ul	80996	1,4-Dichlorobenzene-d4	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	72
2	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	64
3	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	64
4	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	59
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002797.D
Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

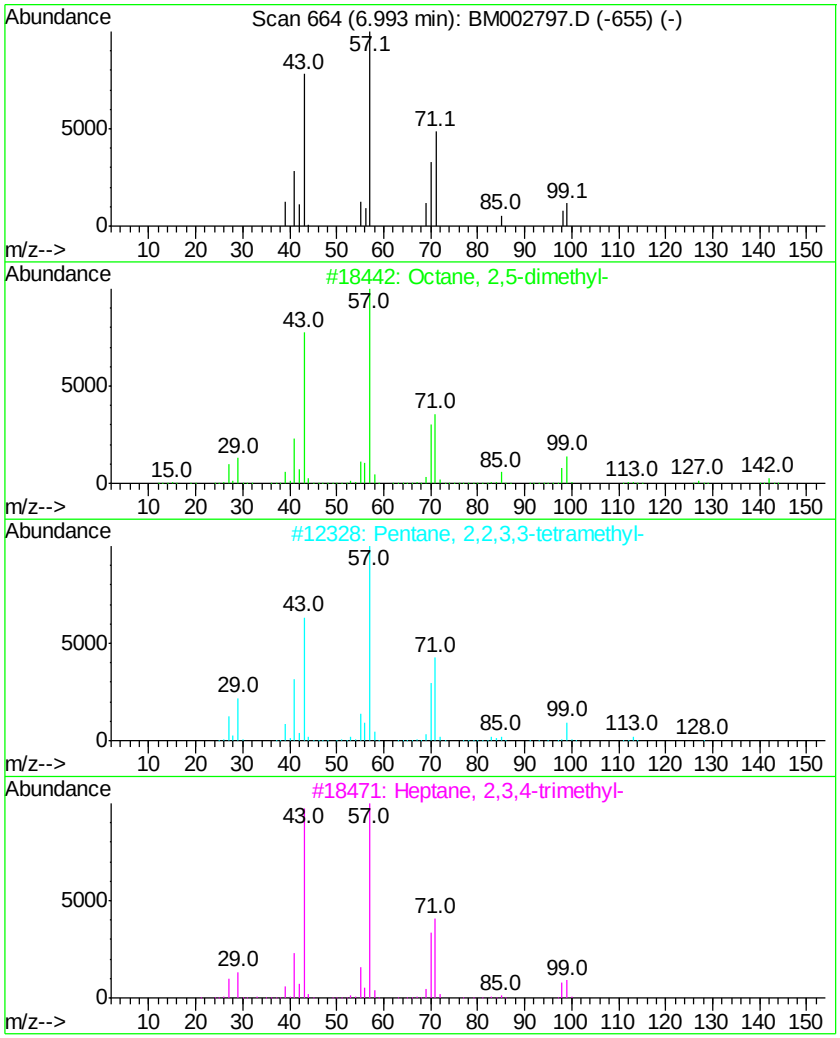
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

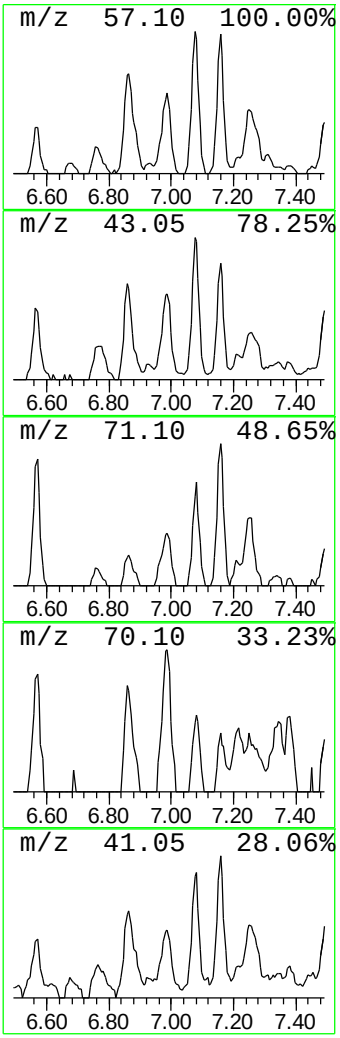
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	2.12 ng/ul	59165	1,4-Dichlorobenzene-d4	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	83
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	72
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	72
4	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002797.D
Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

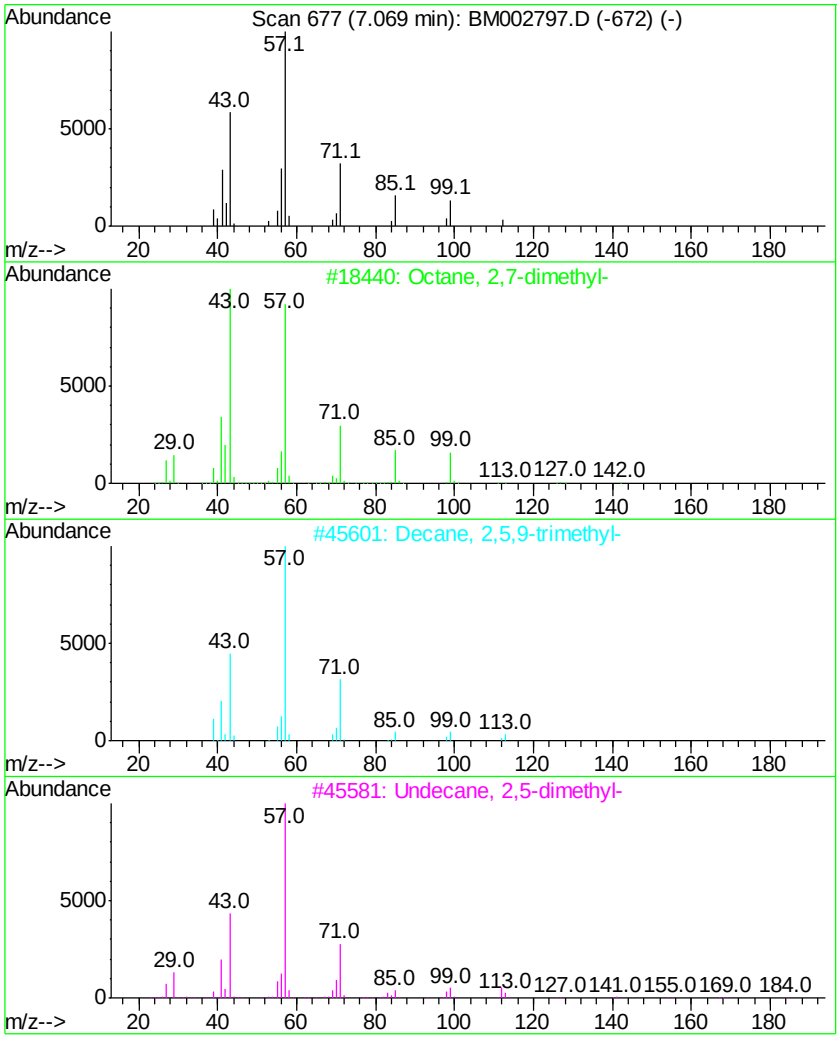
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

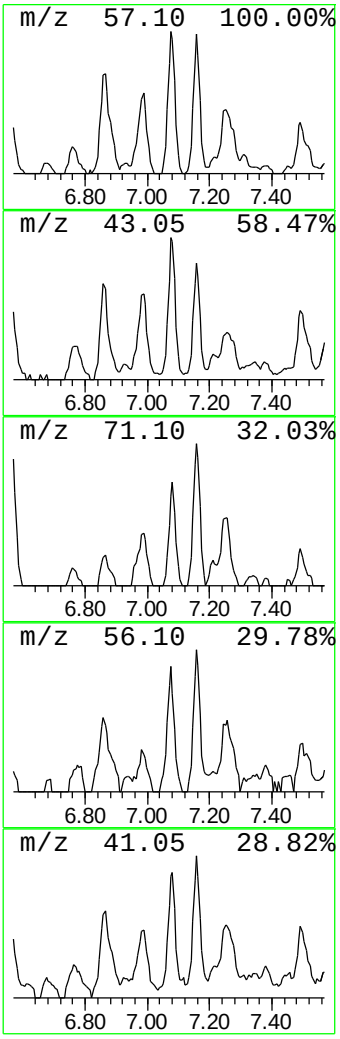
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	2.93 ng/ul	81702	1,4-Dichlorobenzene-d4	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	59
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	53
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002797.D
Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

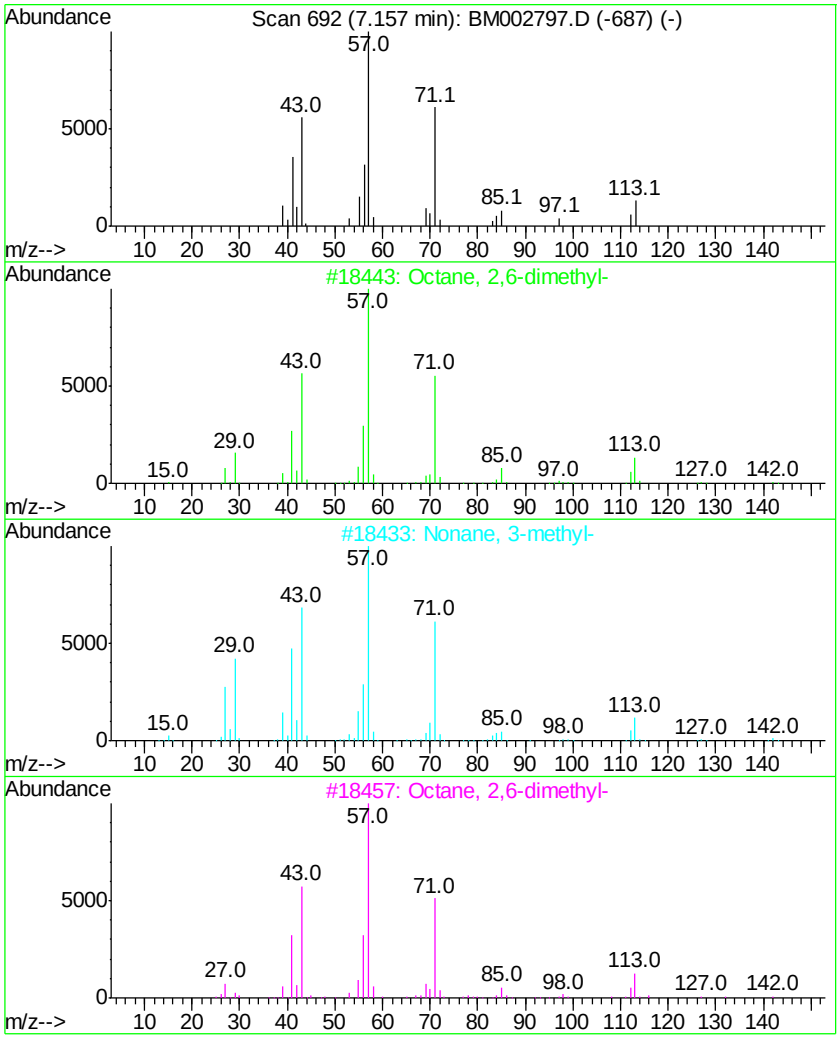
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

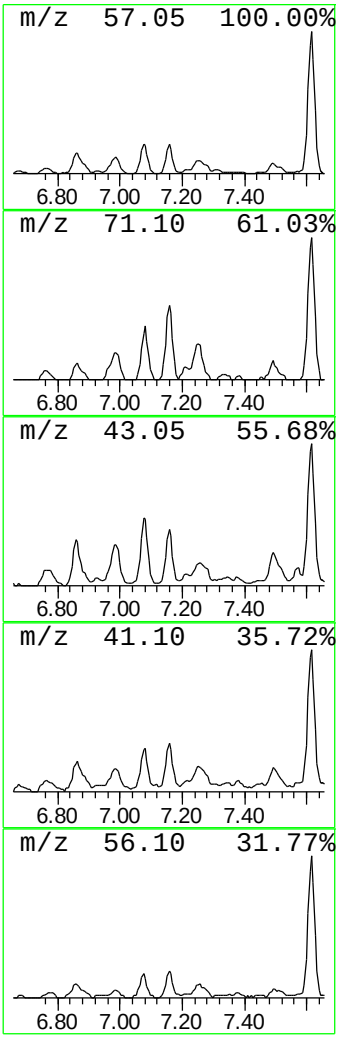
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	2.68 ng/ul	74695	1,4-Dichlorobenzene-d4	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002797.D
Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

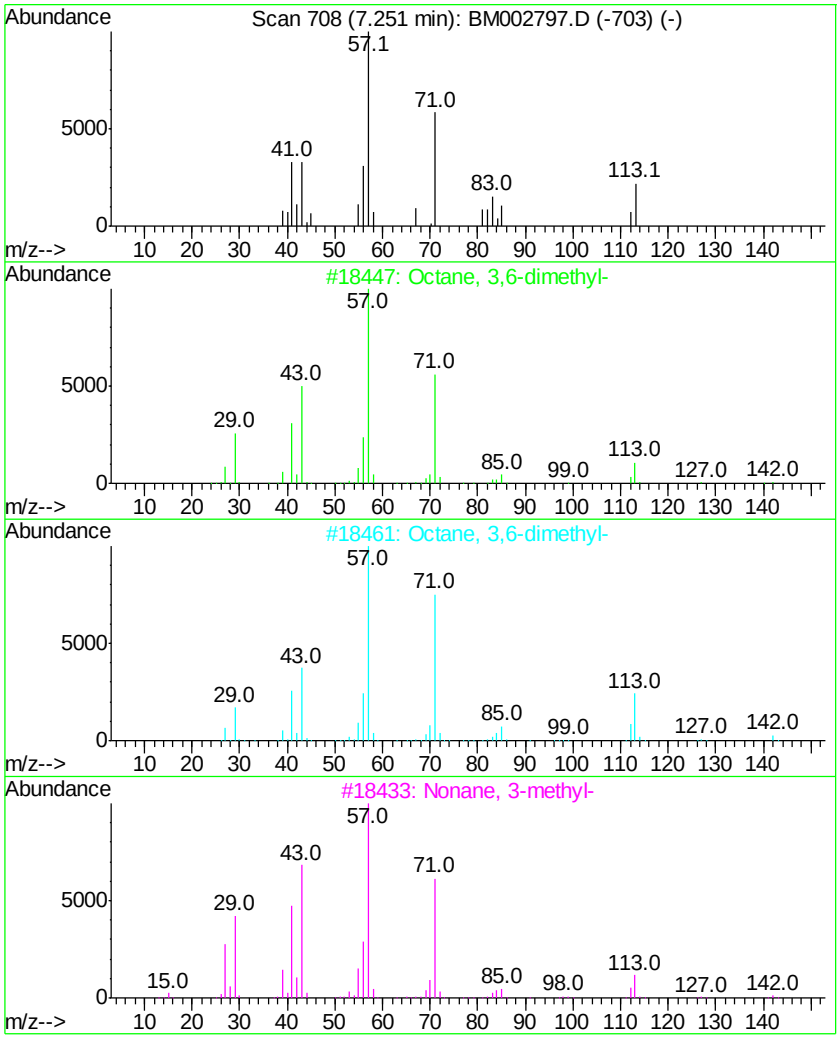
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

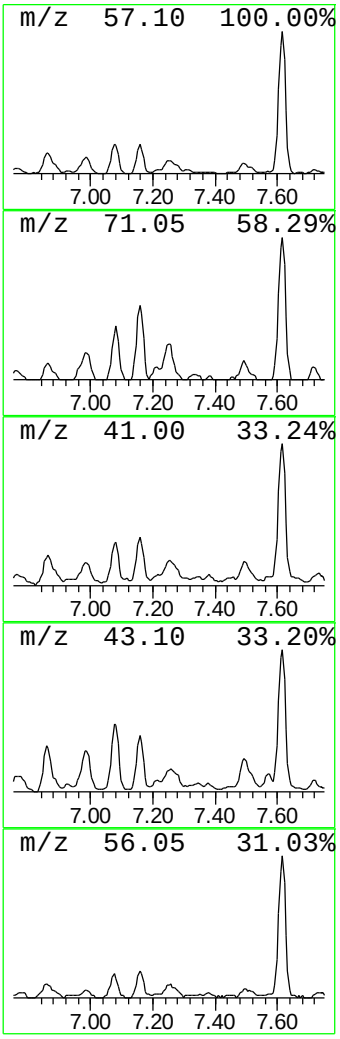
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	2.03 ng/ul	56515	1,4-Dichlorobenzene-d4	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64





Library Search Compound Report

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Data File : BM002797.D
Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

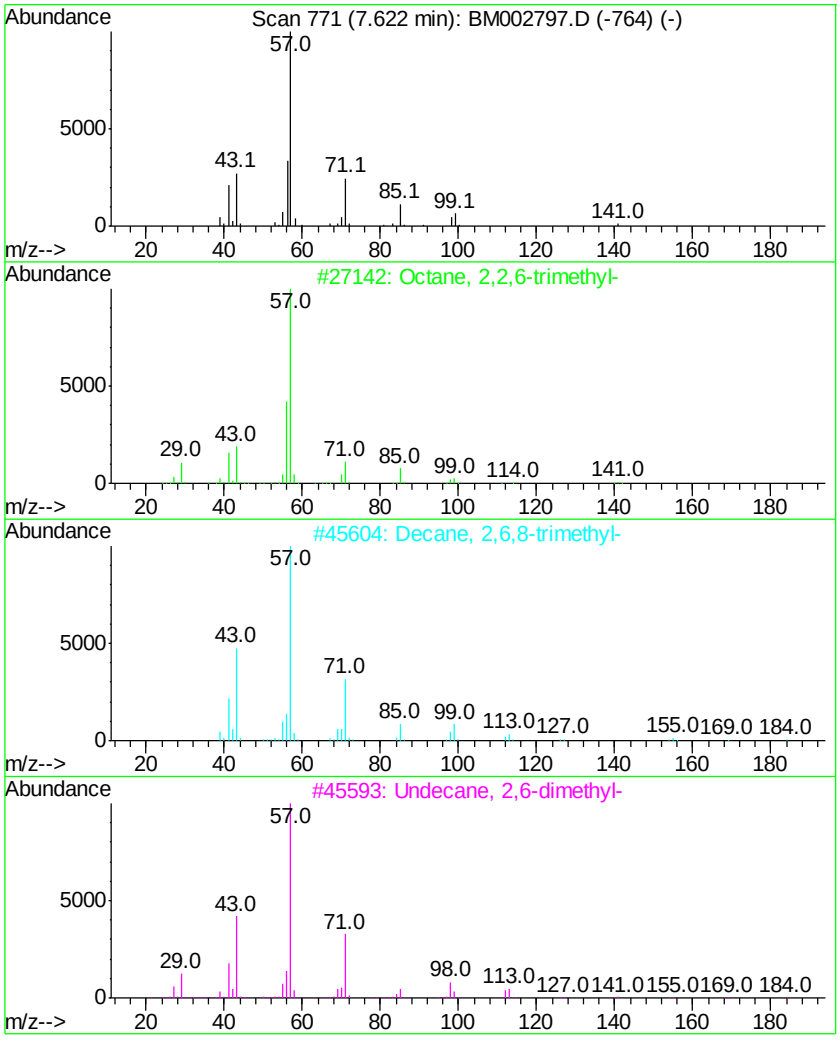
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

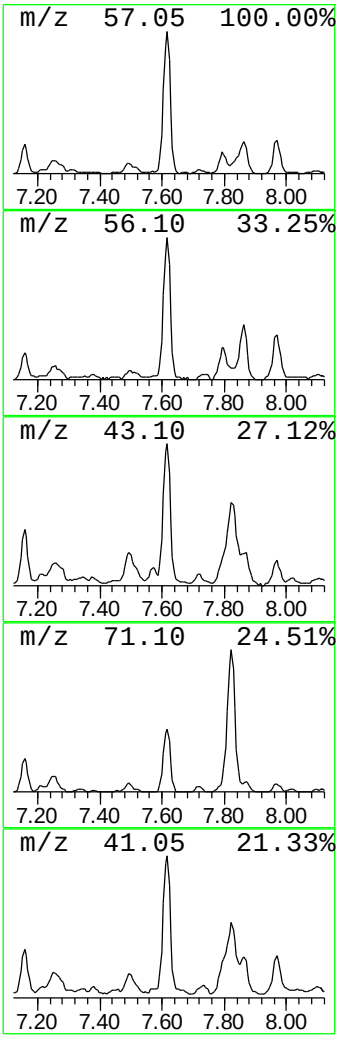
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	10.47 ng/ul	291513	1,4-Dichlorobenzene-d4	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	72
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53





Library Search Compound Report

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Data File : BM002797.D
Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

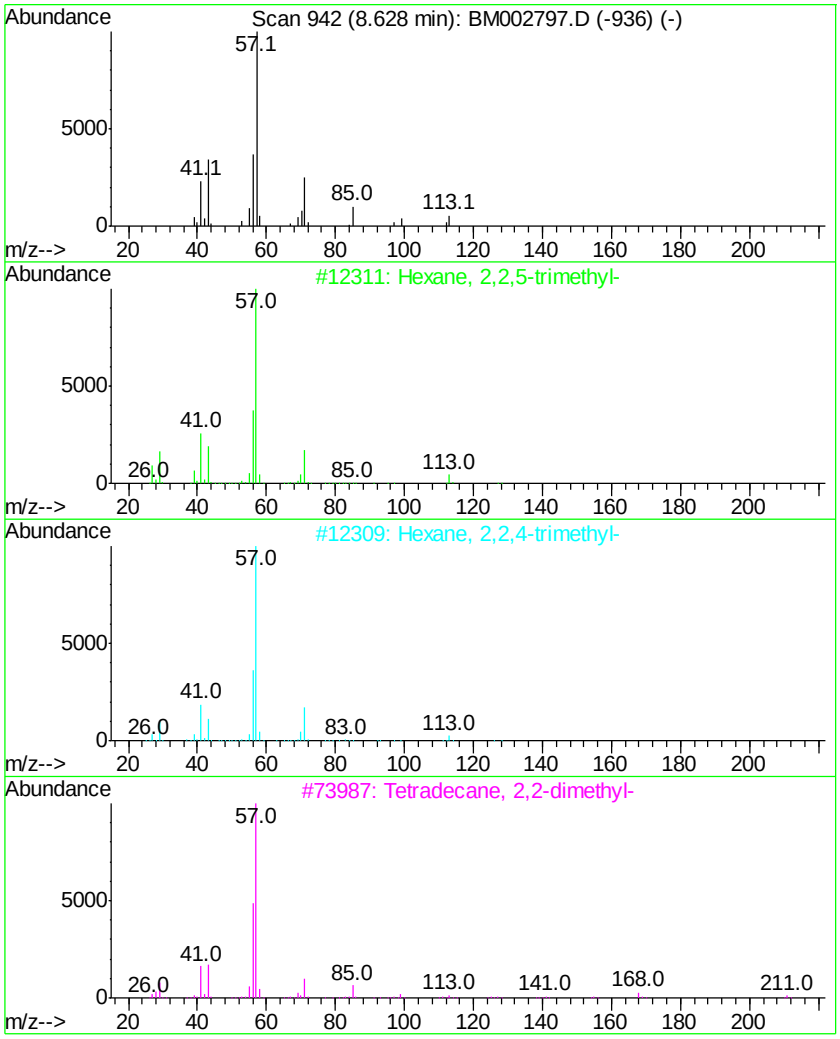
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

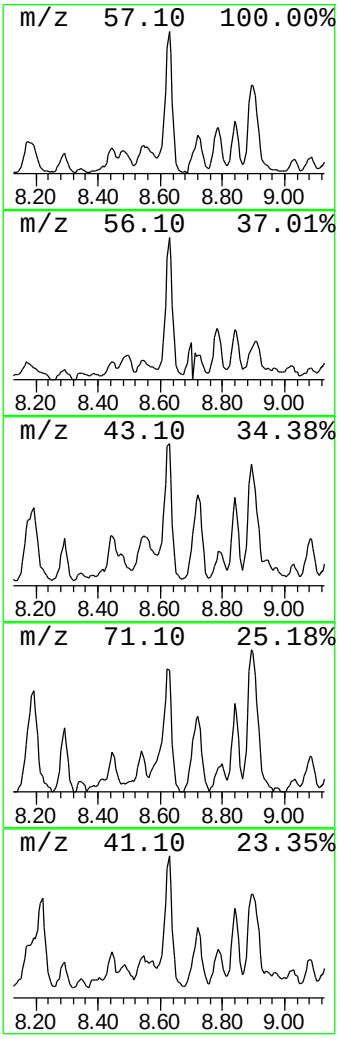
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	5.93 ng/ul	165041	1,4-Dichlorobenzene-d4	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
3	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	59
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53





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Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

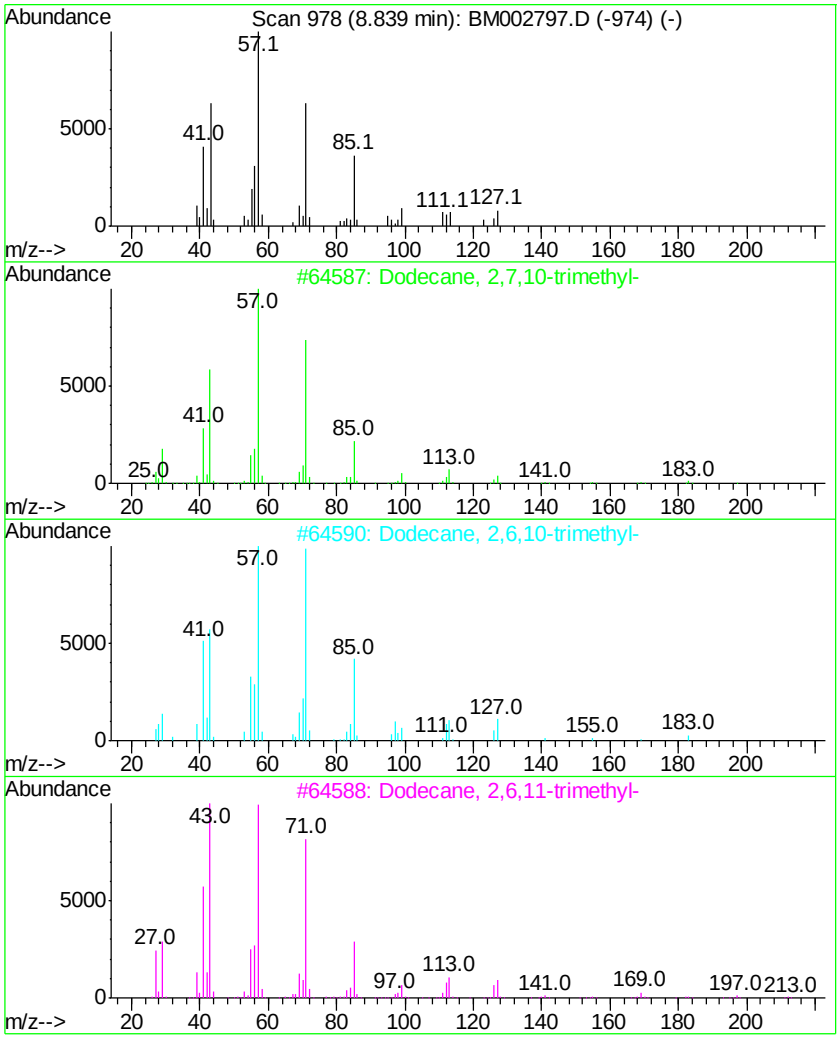
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

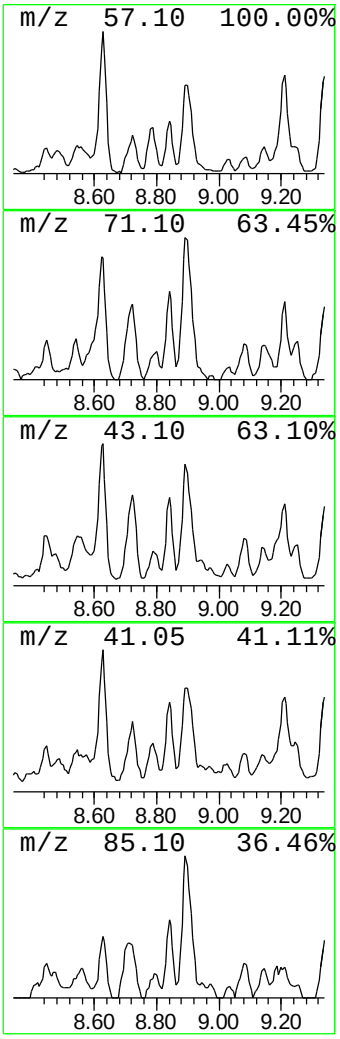
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	2.64 ng/ul	73568	1,4-Dichlorobenzene-d4	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
5	Nonadecane	268	C19H40	000629-92-5	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002797.D
Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

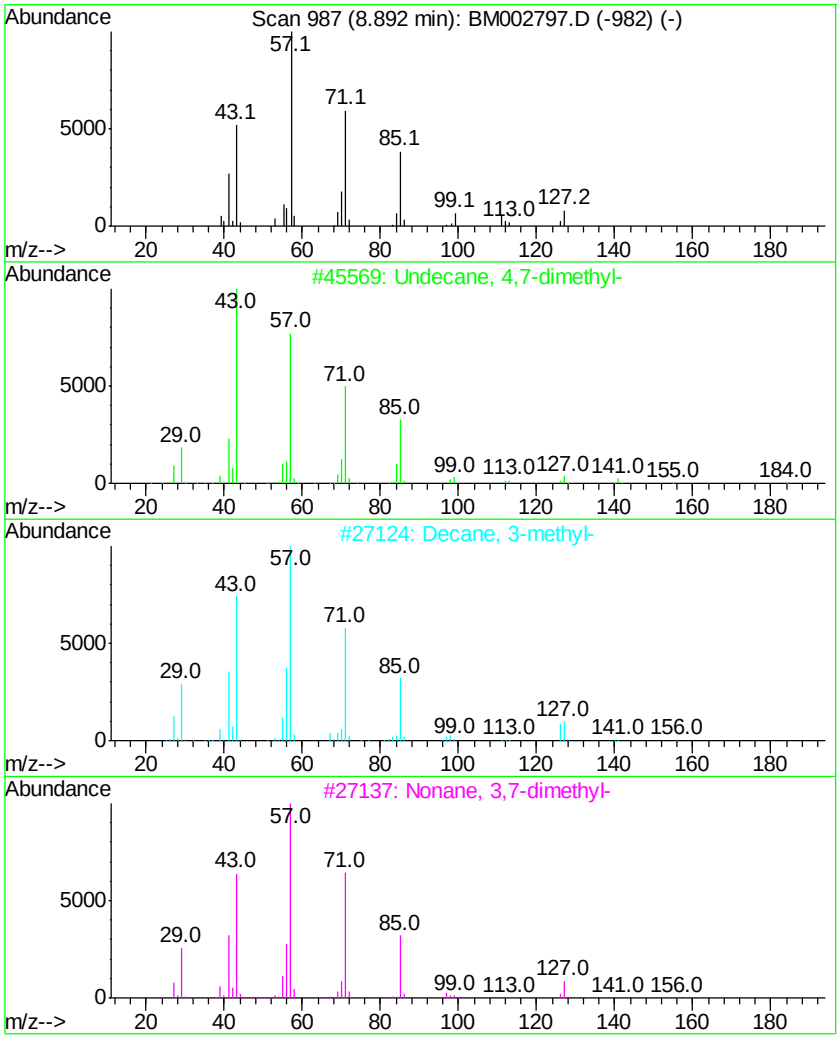
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

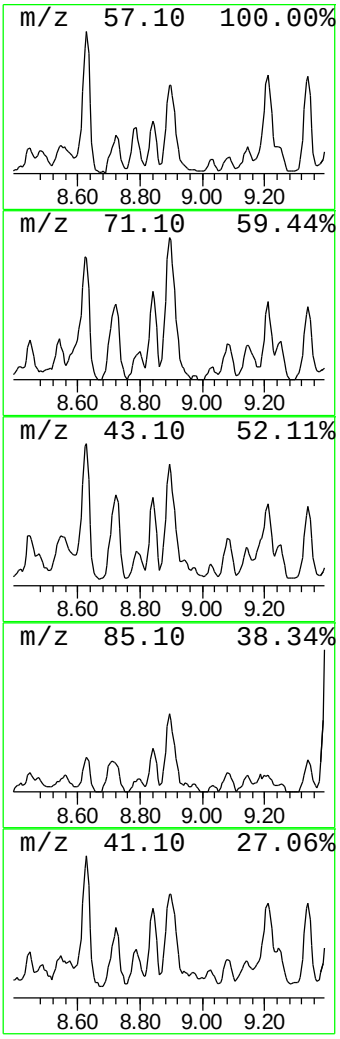
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	5.07 ng/ul	141111	1,4-Dichlorobenzene-d4	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	78
2	Decane, 3-methyl-	156	C11H24	013151-34-3	64
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	59
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002797.D
Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

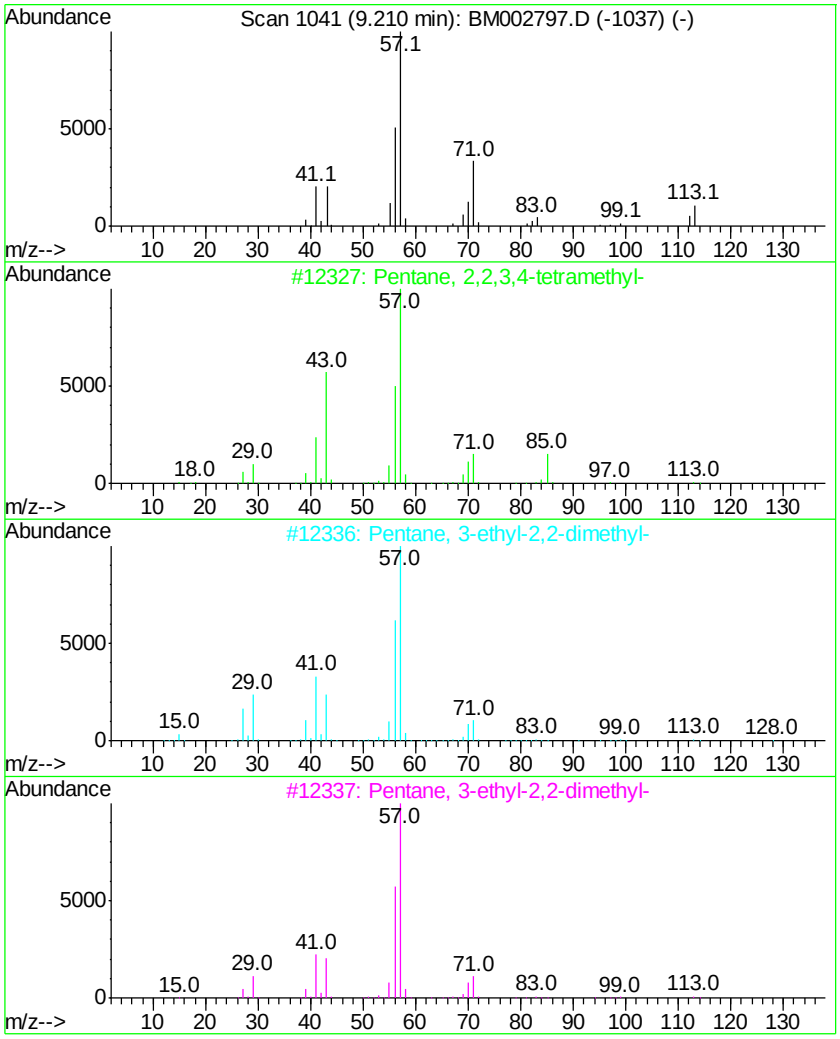
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

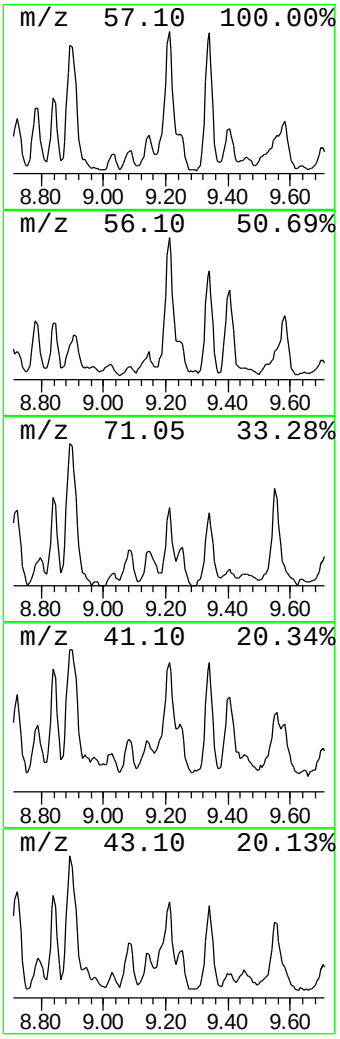
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	2.36 ng/ul	65693	1,4-Dichlorobenzene-d4	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
2	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	47
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	45





Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002797.D
Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

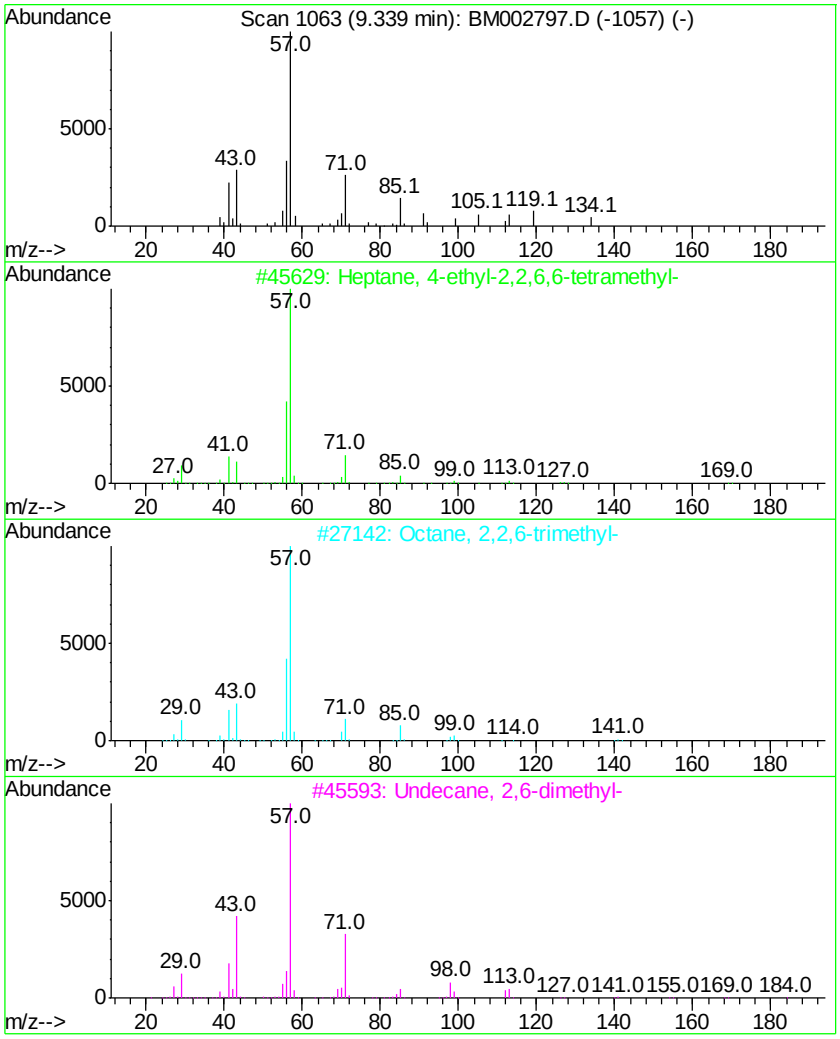
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

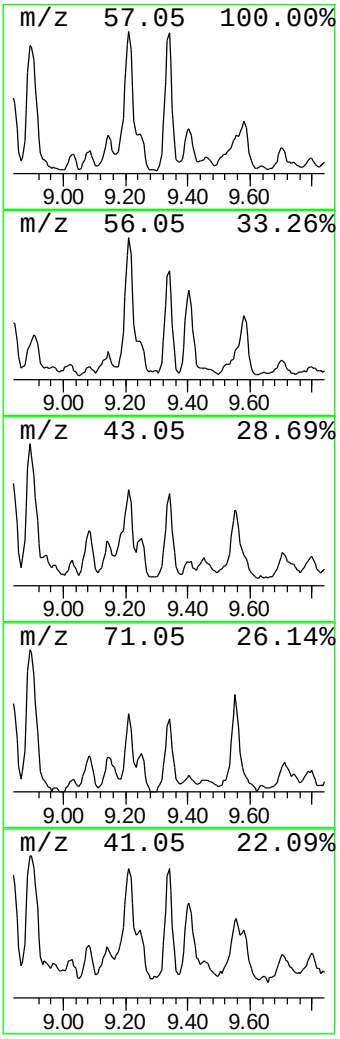
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	3.96 ng/ul	110254	1,4-Dichlorobenzene-d4	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	53
2	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	50
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	47





Library Search Compound Report

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Data File : BM002797.D
Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

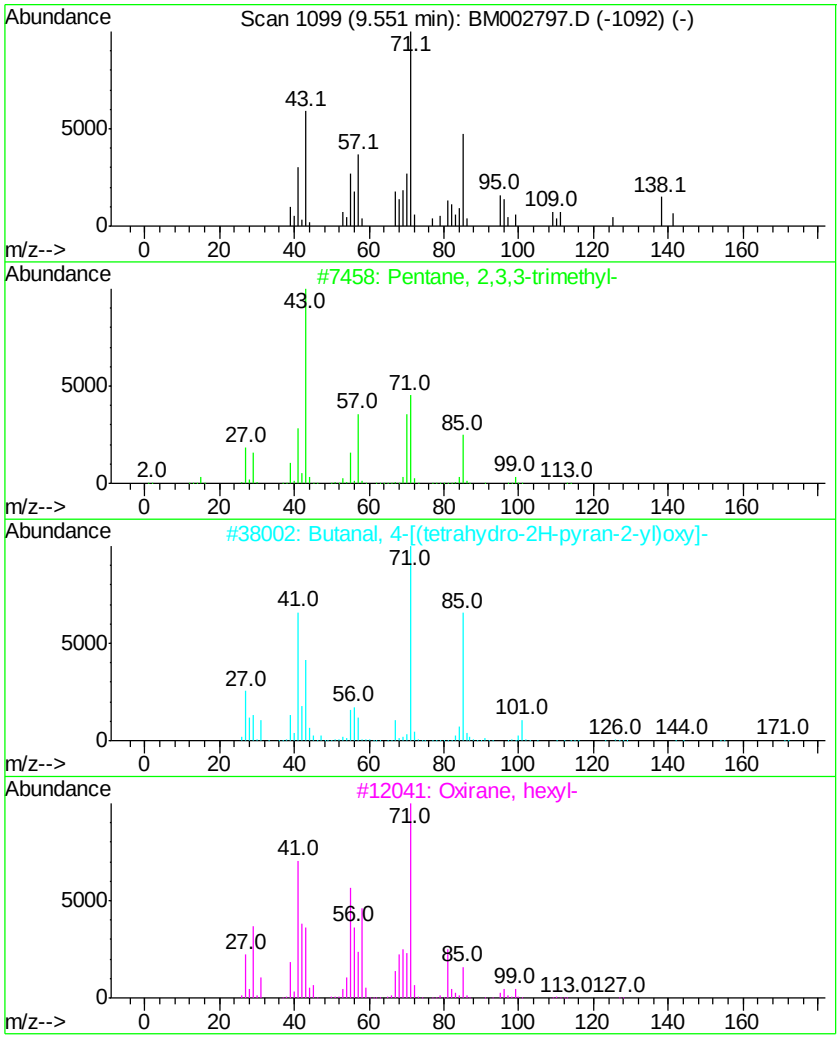
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

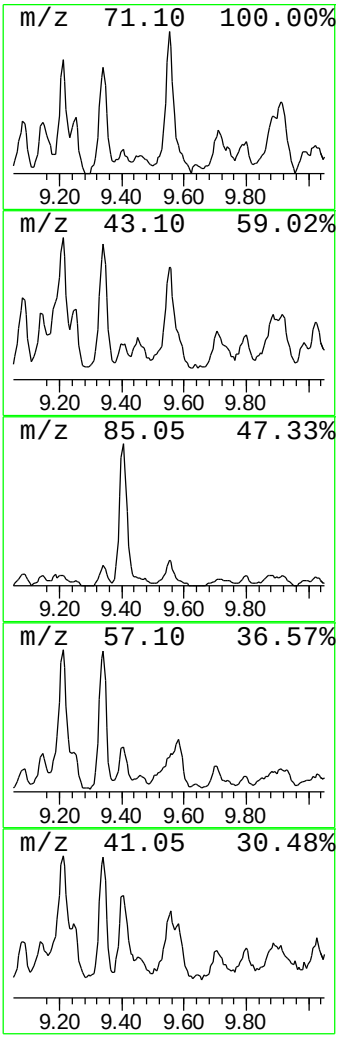
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	3.24 ng/ul	90230	1,4-Dichlorobenzene-d4	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	50
2	Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	50
3	Oxirane, hexyl-	128	C8H16O	002984-50-1	47
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	43
5	Ether, 1-hexadecenyl methyl	254	C17H34O	015519-14-9	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002797.D
Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

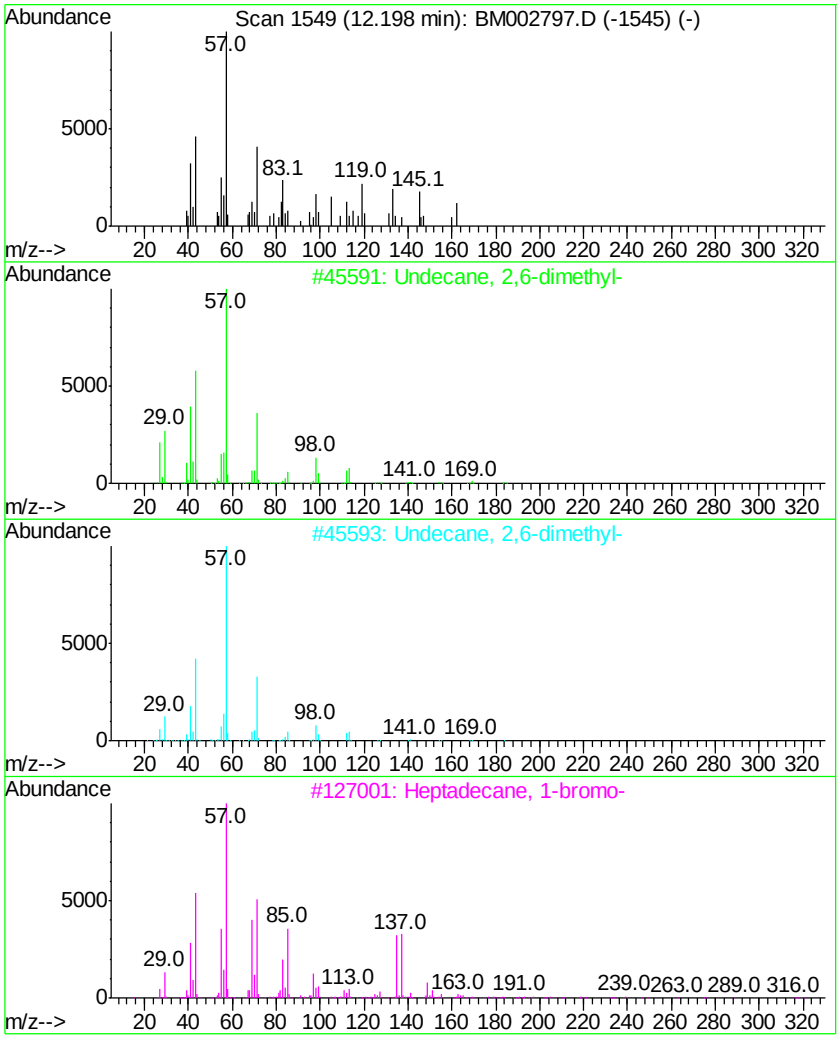
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

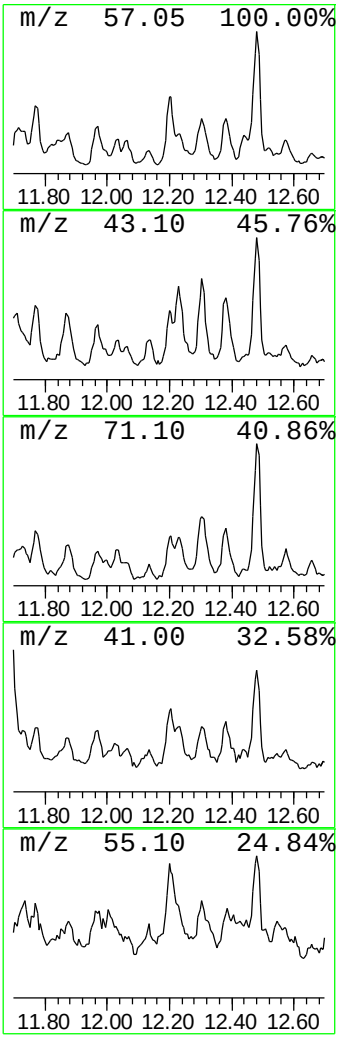
****

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	2.83 ng/ul	114997	Naphthalene-d8	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	22
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	22
3	Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	16
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	14
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002797.D
Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

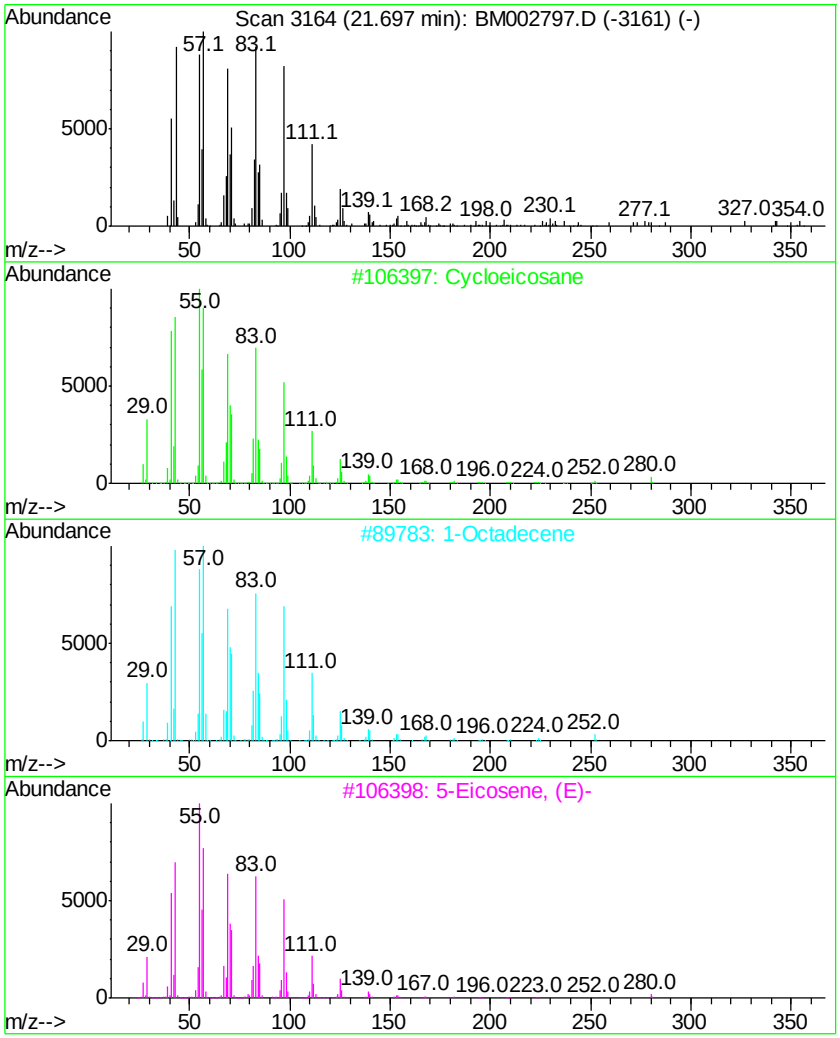
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

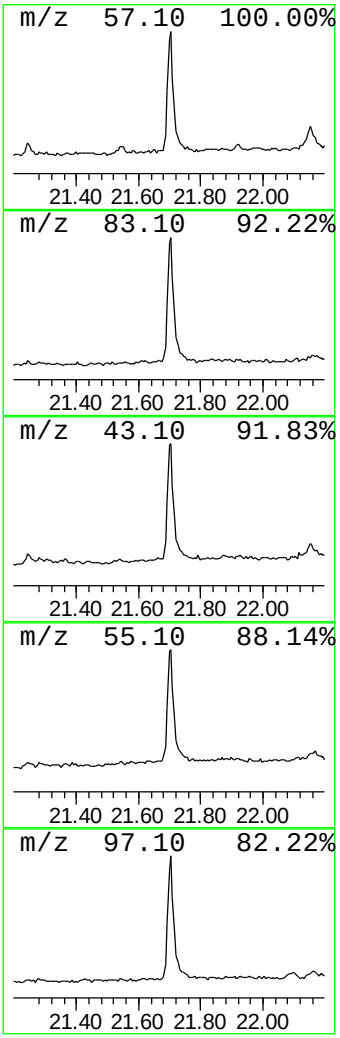
****

Peak Number 17 (DEL) Alkane: Cyclic21.70 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	6.45 ng/ul	278770	Chrysene-d12	22.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	99
2	1-Octadecene	252	C18H36	000112-88-9	97
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
Data File : BM002797.D
Acq On : 01 Oct 2015 00:25
Operator : UM/IZ
Sample : G3798-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G71

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.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
Butane, 2-methoxy...	3.45	11.4	ng/ul	316887	1	8.70	556920	20.0
(DEL) Alkane: Str...	6.86	2.9	ng/ul	80996	1	8.70	556920	20.0
(DEL) Alkane: Str...	6.99	2.1	ng/ul	59165	1	8.70	556920	20.0
(DEL) Alkane: Str...	7.07	2.9	ng/ul	81702	1	8.70	556920	20.0
(DEL) Alkane: Str...	7.16	2.7	ng/ul	74695	1	8.70	556920	20.0
(DEL) Alkane: Str...	7.25	2.0	ng/ul	56515	1	8.70	556920	20.0
(DEL) Alkane: Str...	7.62	10.5	ng/ul	291513	1	8.70	556920	20.0
(DEL) Alkane: Str...	8.63	5.9	ng/ul	165041	1	8.70	556920	20.0
(DEL) Alkane: Str...	8.84	2.6	ng/ul	73568	1	8.70	556920	20.0
(DEL) Alkane: Str...	8.89	5.1	ng/ul	141111	1	8.70	556920	20.0
(DEL) Alkane: Str...	9.21	2.4	ng/ul	65693	1	8.70	556920	20.0
(DEL) Alkane: Str...	9.34	4.0	ng/ul	110254	1	8.70	556920	20.0
(DEL) Alkane: Str...	9.55	3.2	ng/ul	90230	1	8.70	556920	20.0
(DEL) Alkane: Str...	12.20	2.8	ng/ul	114997	2	11.56	813460	20.0
(DEL) Alkane: Cyc...	21.70	6.5	ng/ul	278770	5	22.10	864201	20.0