LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

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\SOM-EPA-BM042517.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	6.981	651	662	668	rBV	921929	1700061	23.21%	1.168%
2	7.157	682	692	697	rBV	707693	1179843	16.11%	0.811%
3	7.351	718	725	732	rVB	958770	1520151	20.75%	1.044%
4	7.457	738	743	749	rVB2	326696	491685	6.71%	0.338%
5	7.769	791	796	799	rBV	156359	219486	3.00%	0.151%
6	7.822	799	805	811	rBV	554862	909049	12.41%	0.625%
7	7.928	817	823	828	rBV4	129986	270857	3.70%	0.186%
8	8.316	881	889	892	rBV4	150762	361404	4.93%	0.248%
9	8.351	892	895	905	rVB2	261140	582005	7.95%	0.400%
10	8.445	905	911	917	rBV2	507672	865316	11.81%	0.595%
11	8.522	917	924	935	rBV2	1151352	2112828	28.84%	1.452%
12	8.757	959	964	969	rBV	177769	333065	4.55%	0.229%
13	8.810	969	973	978	rVB	184399	298190	4.07%	0.205%
14	8.910	984	990	997	rVB2	388119	699890	9.55%	0.481%
15	8.987	997	1003	1012	rVB	1127826	1950432	26.63%	1.340%
16	9.151	1026	1031	1039	rVB6	223790	498761	6.81%	0.343%
17	9.251	1039	1048	1054	rBV7	195568	575728	7.86%	0.396%
18	9.434	1073	1079	1084	rVV	397275	609550	8.32%	0.419%
19	9.492	1084	1089	1097	rVV2	404373	971536	13.26%	0.667%
20	9.704	1114	1125	1133	rBV5	987165	2211892	30.20%	1.520%
21	9.781	1133	1138	1140	rBV3	170474	286906	3.92%	0.197%
22	9.863	1145	1152	1159	rVB4	272302	708593	9.67%	0.487%
23	9.934	1159	1164	1171	rBV3	250435	573579	7.83%	0.394%
24	10.010	1171	1177	1183	rBV3	592357	988981	13.50%	0.679%
25	10.069	1183	1187	1191	rVB3	202446	295369	4.03%	0.203%
26	10.116	1191	1195	1199	rVB	283121	369653	5.05%	0.254%
27	10.187	1199	1207	1210	rBV4	240395	557710	7.61%	0.383%
28	10.239	1210	1216	1222	rVB2	1417642	2464813	33.65%	1.693%
29	10.304	1222	1227	1233	rVB3	288457	527746	7.20%	0.363%
30	10.375	1234	1239	1244	rBV3	166013	301576	4.12%	0.207%
31	10.486	1254	1258	1261	rBV	142858	220818	3.01%	0.152%
32	10.616	1266	1280	1285	rVV2	948555	2758443	37.66%	1.895%
33	10.669	1286	1289	1293	rVV4	379325	606366	8.28%	0.417%
34	10.751	1293	1303	1310	rVV3	1531885	3737073	51.02%	2.568%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

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\SOM-EPA-BM042517.M
Title : SVOA CALIBRATION

35	10.816	1310	1314	1320	rVB3	281427	464741	6.34%	0.319%
36	11.016	1344	1348	1353	rVV5	135435	275350	3.76%	0.189%
37	11.075	1353	1358	1365	rVB2	821368	1516706	20.71%	1.042%
38	11.139	1365	1369	1372	rBV5	97180	194447	2.65%	0.134%
39	11.186	1372	1377	1384	rBV4	263769	590510	8.06%	0.406%
40	11.292	1385	1395	1402	rBV7	587265	1835602	25.06%	1.261%
41	11.422	1413	1417	1426	rBV5	393903	820393	11.20%	0.564%
42	11.522	1427	1434	1440	rVB4	395779	860859	11.75%	0.591%
43	11.610	1440	1449	1453	rBV	1167111	2062959	28.16%	1.417%
44	11.651	1453	1456	1461	rVB3	252922	357238	4.88%	0.245%
45	11.804	1476	1482	1488	rVB2	1390696	2354101	32.14%	1.617%
46	11.869	1488	1493	1498	rBV4	247907	495423	6.76%	0.340%
47	11.939	1501	1505	1510	rVB3	243095	383223	5.23%	0.263%
48	11.998	1512	1515	1517	rBV2	179114	253554	3.46%	0.174%
49	12.163	1538	1543	1548	rVB3	774422	1281198	17.49%	0.880%
50	12.233	1548	1555	1559	rVV	610182	1089271	14.87%	0.748%
51	12.280	1559	1563	1569	rVB	468846	733175	10.01%	0.504%
52	12.469	1591	1595	1597	rBV5	152610	237781	3.25%	0.163%
53	12.528	1597	1605	1610	rVV3	1761949	3302641	45.09%	2.269%
54	12.569	1610	1612	1615	rVV4	243215	273020	3.73%	0.188%
55	12.604	1615	1618	1621	rVB	414646	479366	6.54%	0.329%
56	12.651	1621	1626	1630	rBV5	379689	683920	9.34%	0.470%
57	12.757	1641	1644	1645	rBV2	169579	183545	2.51%	0.126%
58	12.786	1646	1649	1654	rVV5	392284	744435	10.16%	0.511%
59	12.839	1654	1658	1662	rVB2	550121	683210	9.33%	0.469%
60	12.880	1662	1665	1669	rVB5	193908	249823	3.41%	0.172%
61	12.969	1669	1680	1684	rBV2	1753277	3213989	43.88%	2.208%
62	13.004	1684	1686	1696	rVB4	588559	1013884	13.84%	0.697%
63	13.245	1718	1727	1730	rBV5	497067	1287764	17.58%	0.885%
64	13.286	1731	1734	1739	rVV2	551050	936465	12.78%	0.643%
65	13.351	1743	1745	1748	rVV3	281157	365281	4.99%	0.251%
66	13.398	1749	1753	1759	rVB	927994	1413977	19.30%	0.971%
67	13.616	1787	1790	1793	rBV3	572684	809259	11.05%	0.556%
68	13.645	1793	1795	1801	rVB6	652479	917256	12.52%	0.630%
69	13.733	1806	1810	1812	rBV5	413288	648309	8.85%	0.445%
70	13.780	1815	1818	1823	rVV3	598242	1103706	15.07%	0.758%
71	13.833	1823	1827	1830	rVV3	888599	1238506	16.91%	0.851%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

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\SOM-EPA-BM042517.M
Title : SVOA CALIBRATION

72	13.874	1830	1834	1838	rVV	2414005	3465555	47.31%	2.381%
73	13.922	1838	1842	1846	rVB2	3203656	4220154	57.61%	2.899%
74	13.974	1846	1851	1855	rBV2	921311	1395198	19.05%	0.959%
75	14.033	1855	1861	1867	rVB4	706789	1566404	21.38%	1.076%
76	14.098	1868	1872	1875	rBV5	285172	496399	6.78%	0.341%
77	14.163	1878	1883	1892	rVV	2171674	3517278	48.02%	2.417%
78	14.280	1899	1903	1909	rBV5	530987	895287	12.22%	0.615%
79	14.439	1922	1930	1931	rBV3	887909	2057044	28.08%	1.413%
80	14.474	1932	1936	1940	rVB2	2050610	3368177	45.98%	2.314%
81	14.545	1945	1948	1951	rVV2	337421	415071	5.67%	0.285%
82	14.674	1965	1970	1977	rBV2	1837546	2818987	38.49%	1.937%
83	14.939	2012	2015	2016	rBV	486337	508727	6.95%	0.350%
84	14.969	2017	2020	2024	rVB3	706924	1144633	15.63%	0.786%
85	15.080	2035	2039	2042	rBV3	597908	1096591	14.97%	0.753%
86	15.339	2081	2083	2088	rVB4	449555	628125	8.58%	0.432%
87	15.398	2089	2093	2095	rBV3	415434	602133	8.22%	0.414%
88	15.463	2100	2104	2109	rVV	2841717	3760714	51.34%	2.584%
89	15.592	2123	2126	2132	rVB2	1019479	1295014	17.68%	0.890%
90	15.698	2139	2144	2155	rVB	2783969	4986704	68.08%	3.426%
91	15.916	2178	2181	2186	rVB2	544678	779659	10.64%	0.536%
92	16.180	2221	2226	2231	rBV	5271493	7324864	100.00%	5.032%
93	17.004	2361	2366	2370	rBV	3413500	5060585	69.09%	3.477%
94	17.215	2399	2402	2408	rVB2	1741076	2402829	32.80%	1.651%
95	17.315	2415	2419	2425	rVB2	3742713	5447686	74.37%	3.743%
96	17.610	2465	2469	2472	rBV	987065	1527501	20.85%	1.049%
97	19.615	2806	2810	2814	rBV	4323857	5799183	79.17%	3.984%
98	19.768	2833	2836	2839	rBV2	1267948	1863956	25.45%	1.281%
99	21.298	3092	3096	3102	rVB	4491582	5668971	77.39%	3.895%
100	21.398	3111	3113	3117	rVB	2935908	3323933	45.38%	2.284%

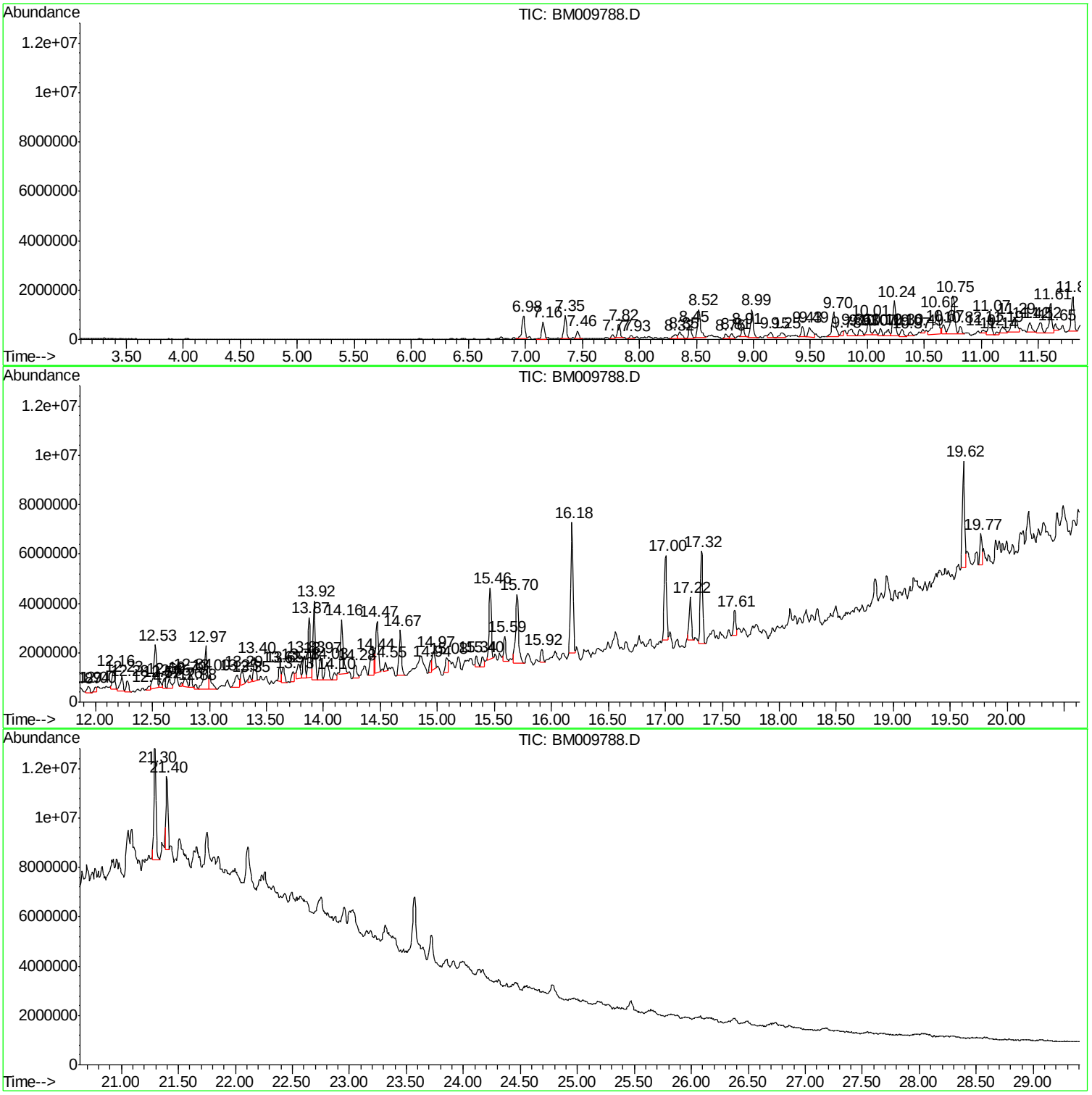
Sum of corrected areas: 145551604

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

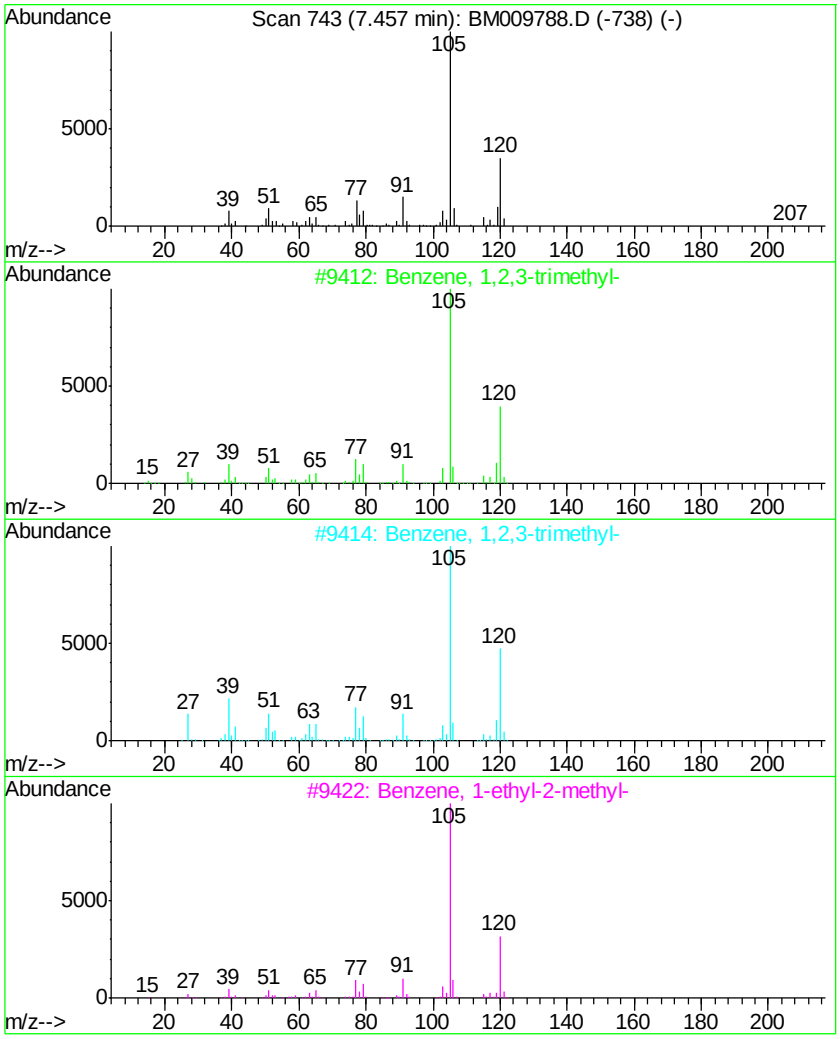
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

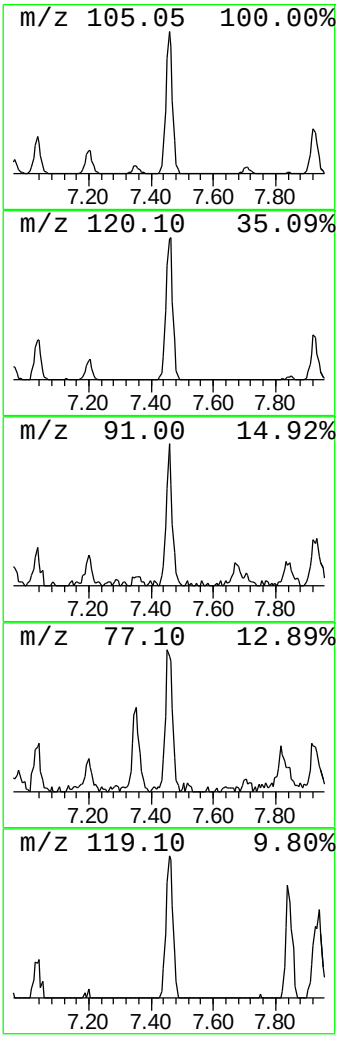
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	10.82 ng/ul	491685	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

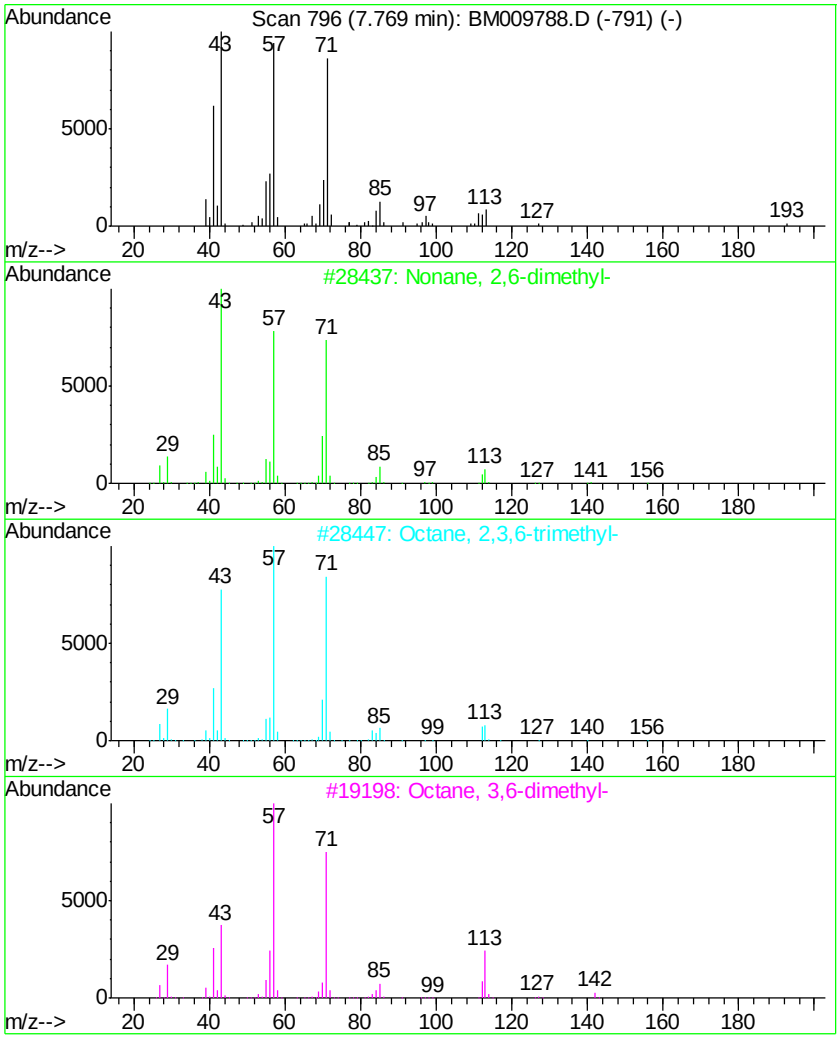
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

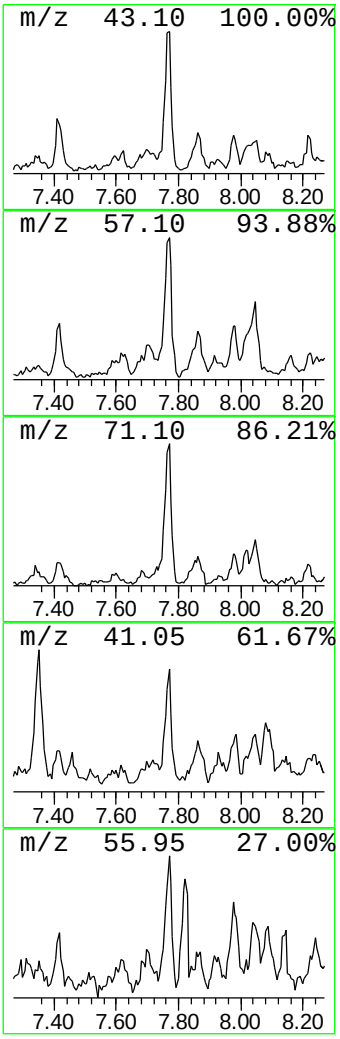
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	4.83 ng/ul	219486	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
2	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
5	Tetradecane	198	C14H30	000629-59-4	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

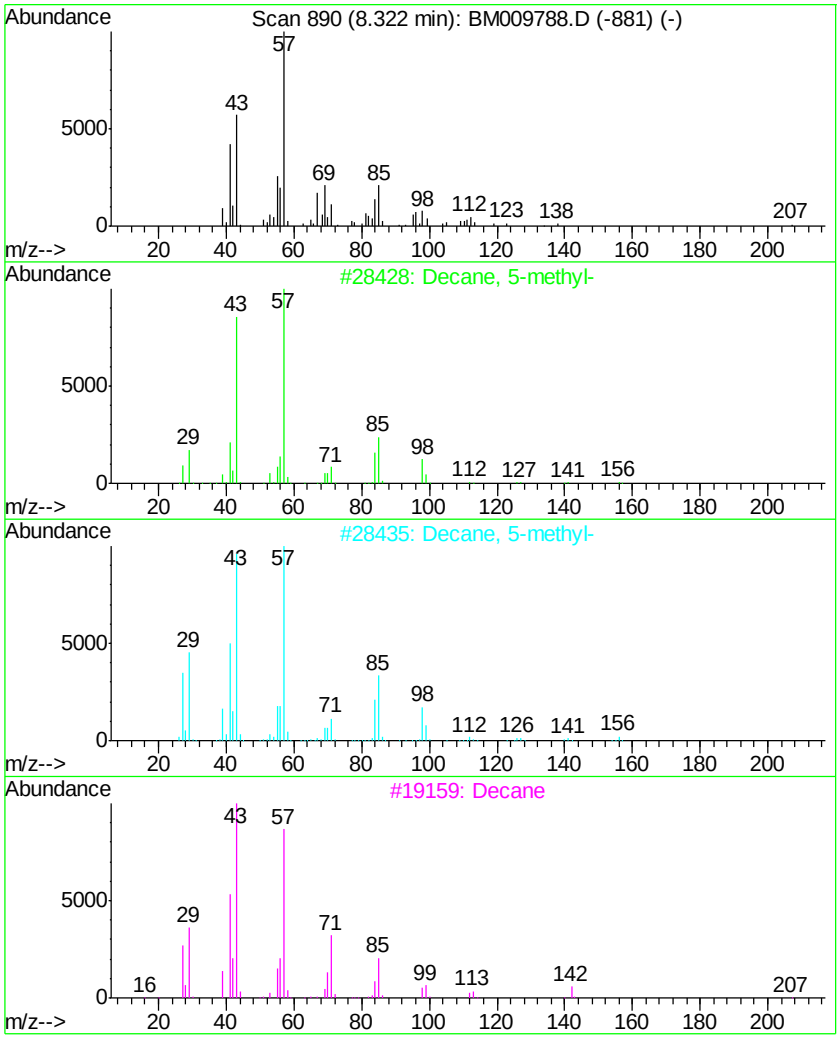
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

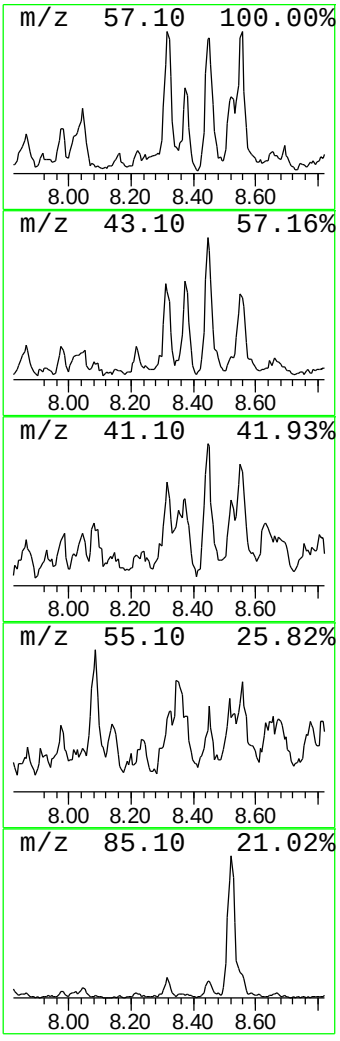
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	7.95 ng/ul	361404	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	64
2	Decane, 5-methyl-	156	C11H24	013151-35-4	59
3	Decane	142	C10H22	000124-18-5	53
4	Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	50
5	Decane	142	C10H22	000124-18-5	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

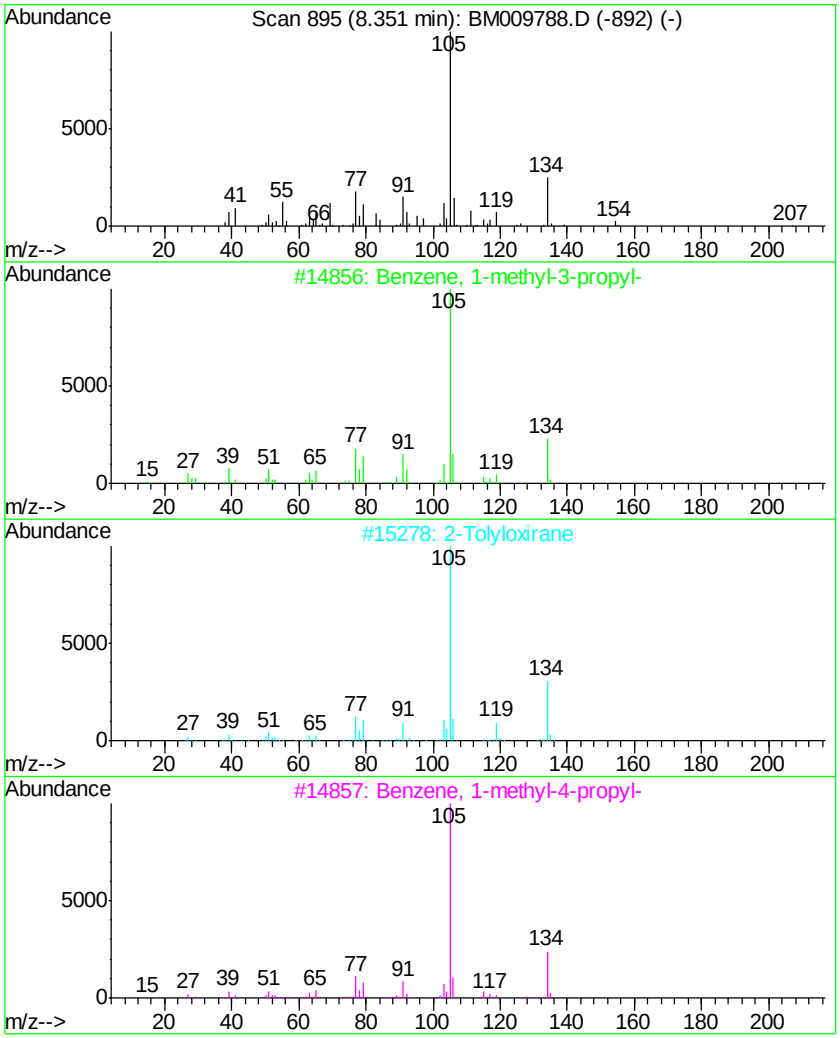
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

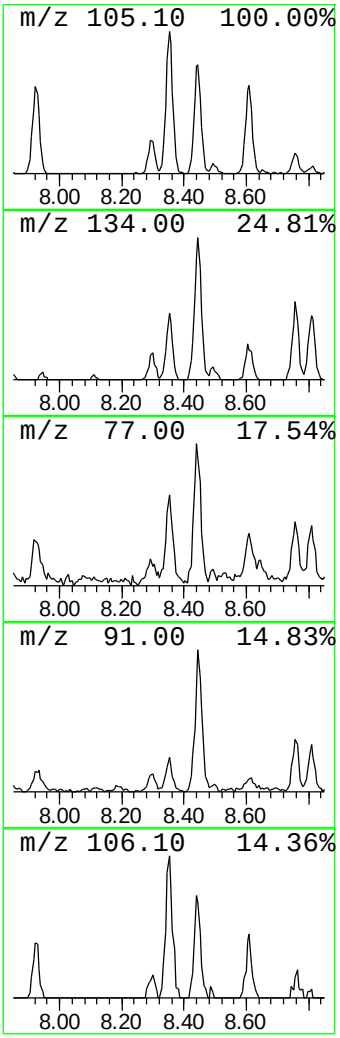
****

Peak Number 5 Benzene, 1-methyl-3-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	12.80 ng/ul	582005	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76
2	2-Tolyloxirane	134	C9H10O	002783-26-8	76
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	68
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	68
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

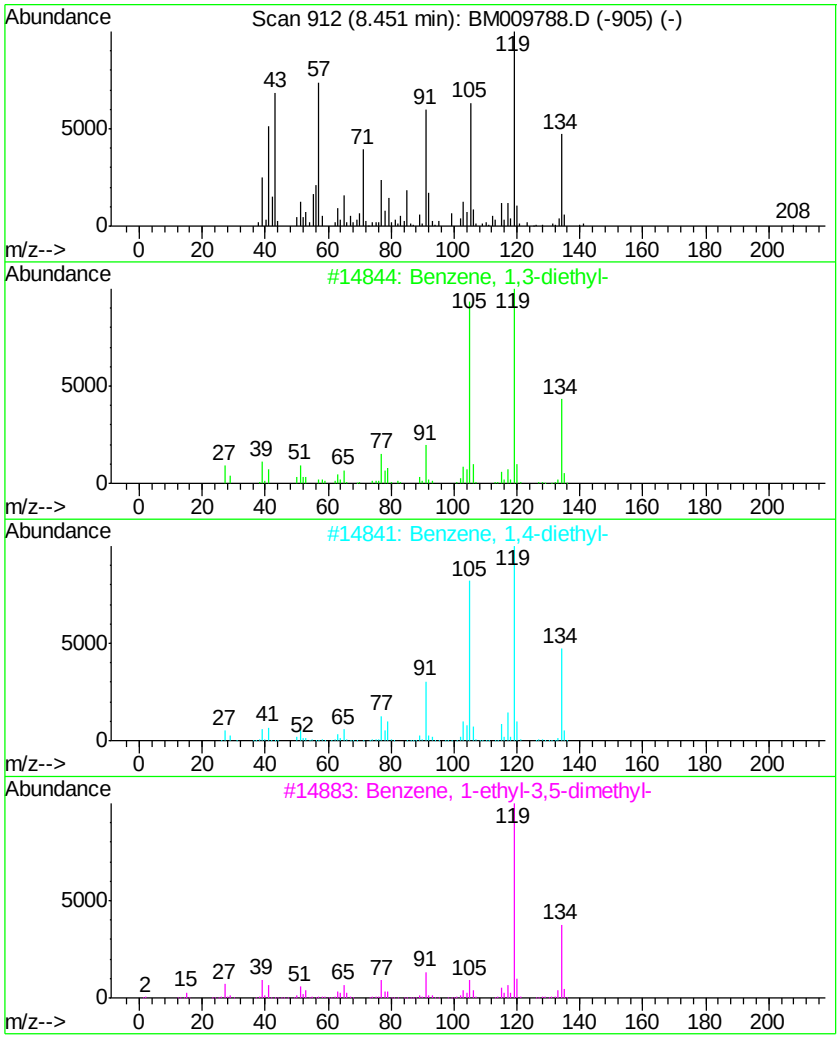
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

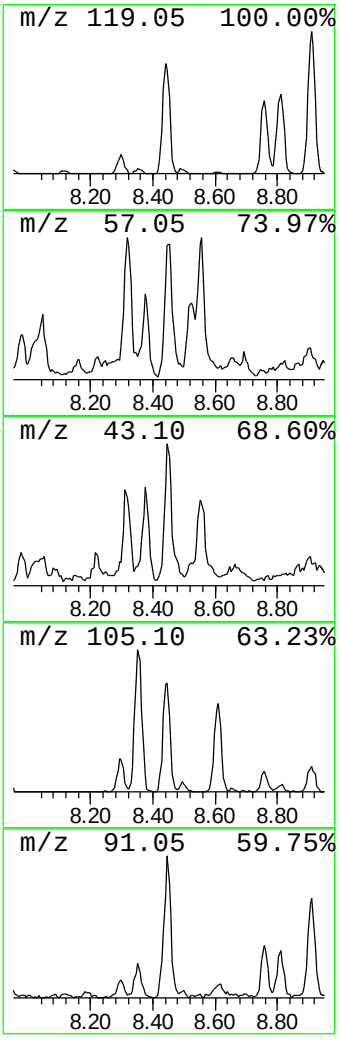
****

Peak Number 6 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	19.04 ng/ul	865316	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	86
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

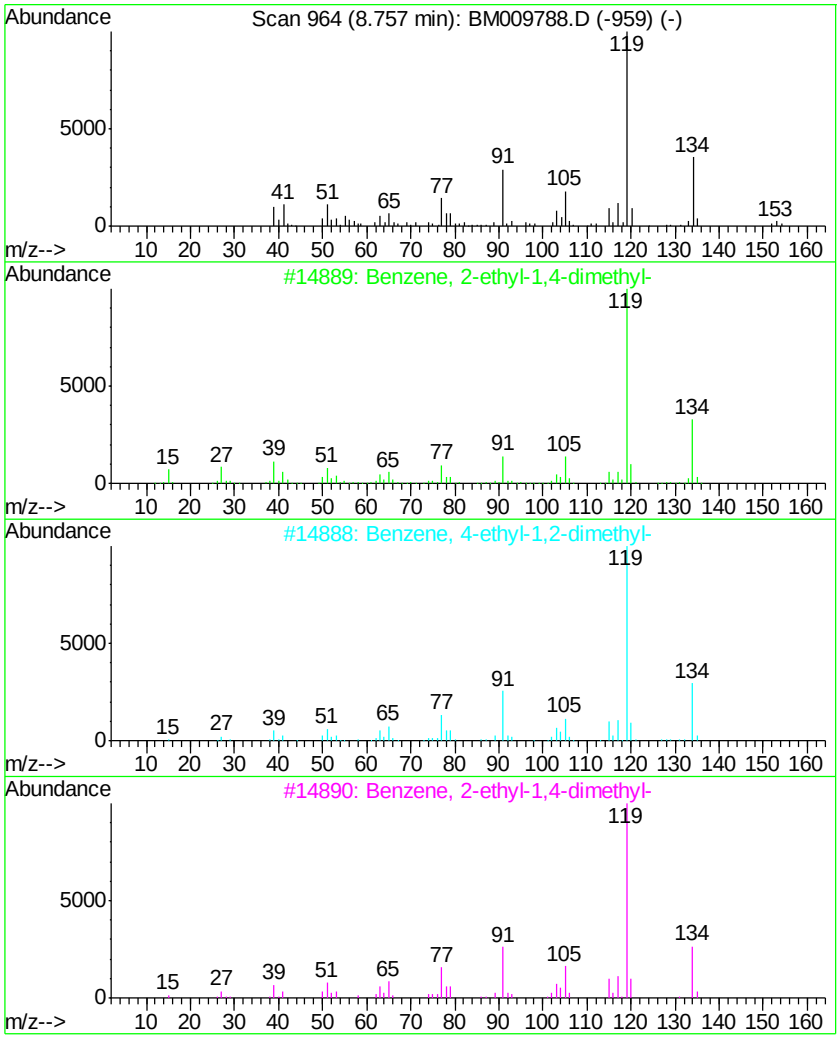
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

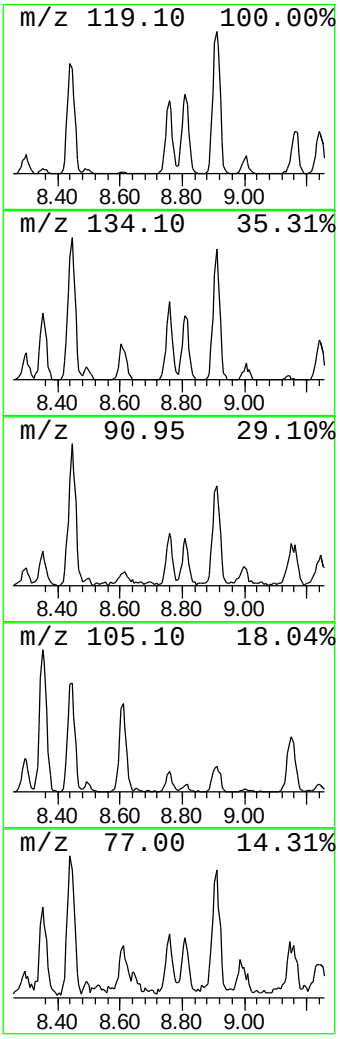
****

Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	7.33 ng/ul	333065	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

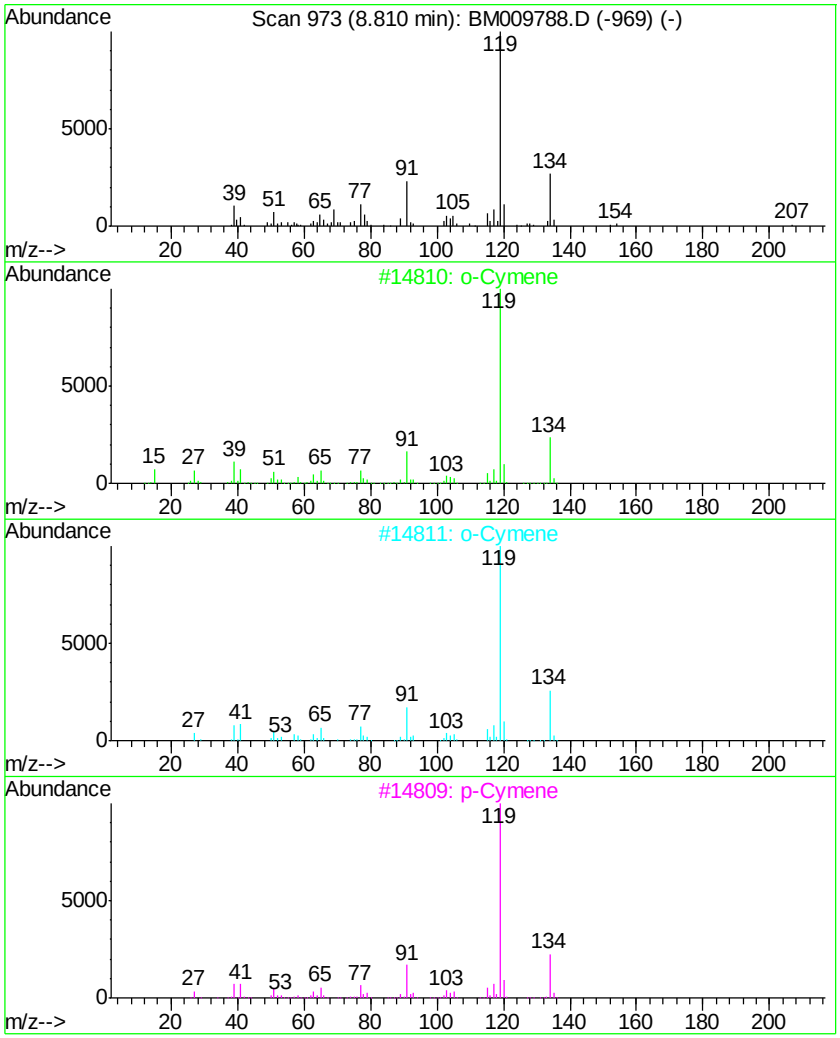
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

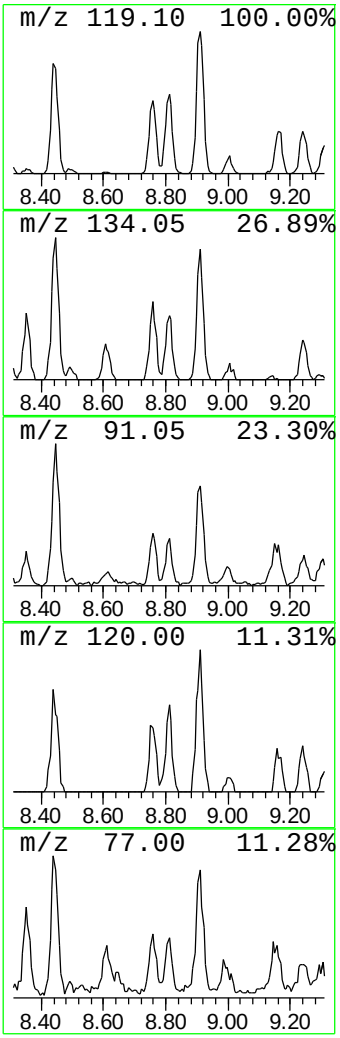
****

Peak Number 8 o-Cymene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	6.56 ng/ul	298190	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

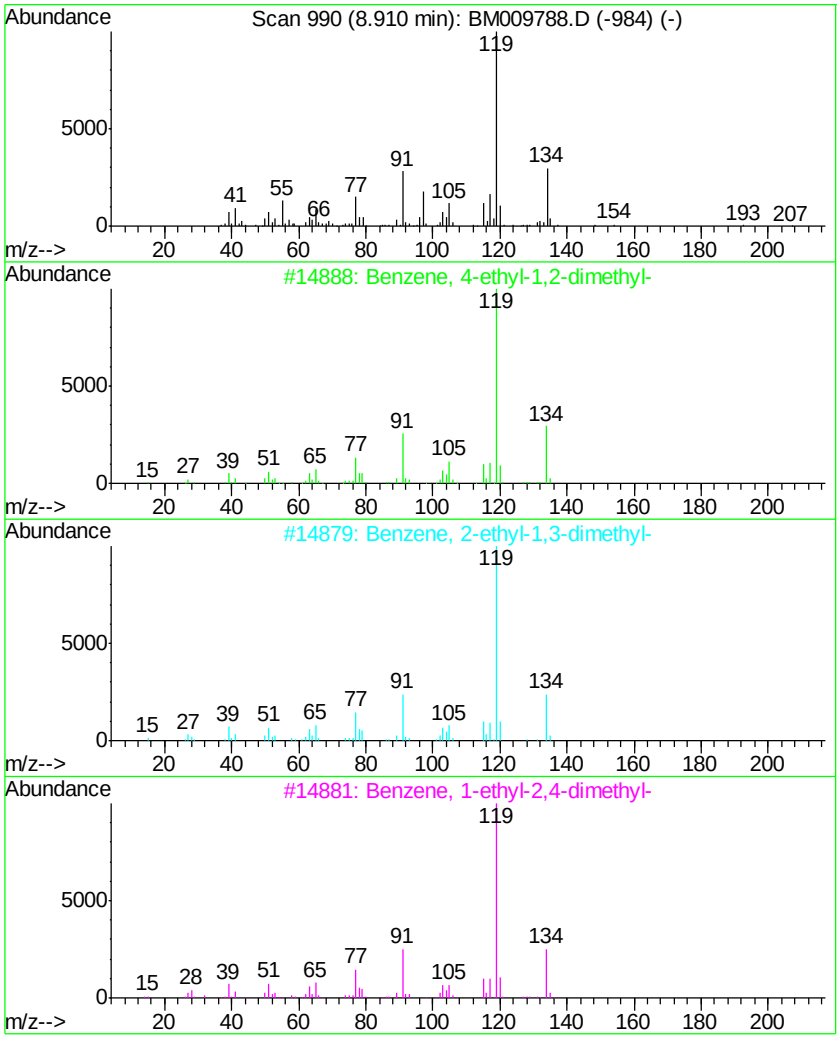
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

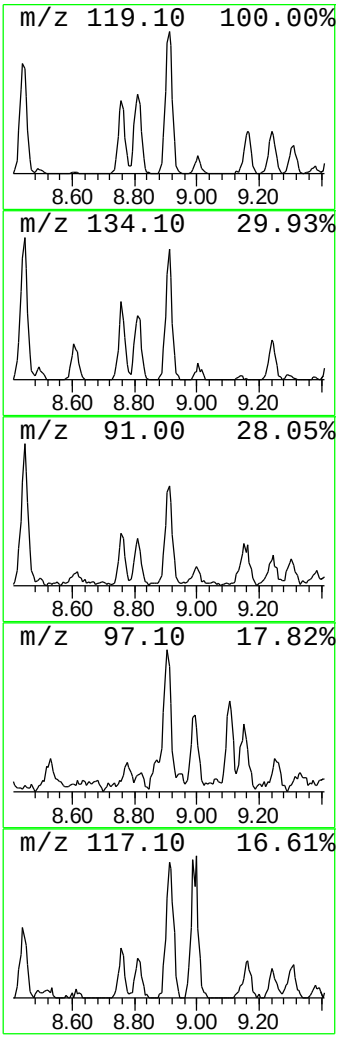
****

Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	15.40 ng/ul	699890	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	o-Cymene	134	C10H14	000527-84-4	93
5	o-Cymene	134	C10H14	000527-84-4	93





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

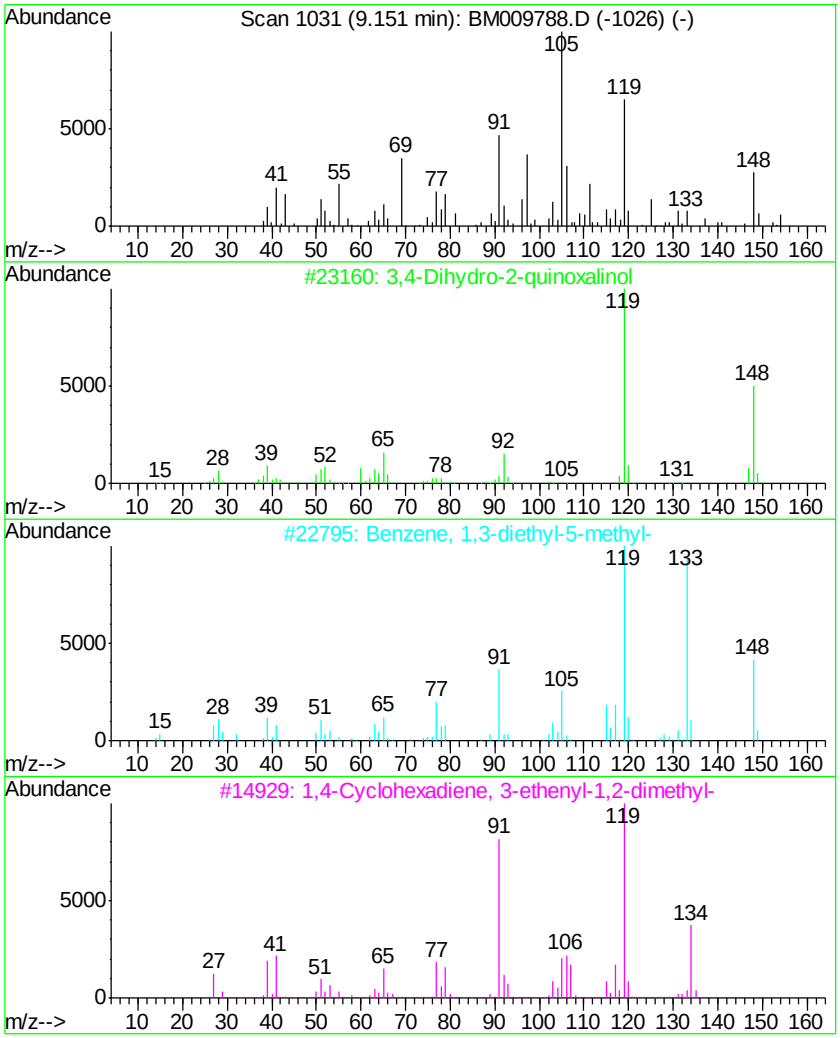
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

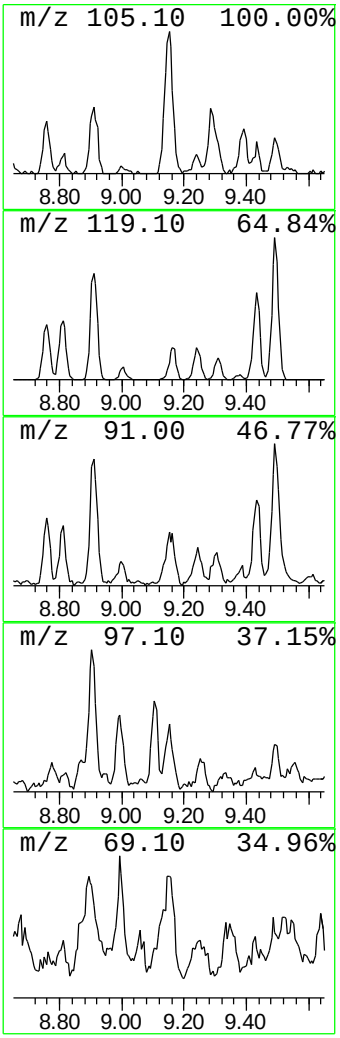
****

Peak Number 10 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	10.97 ng/ul	498761	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	38
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	30
3	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	27
4	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	27
5	Benzoyl chloride, 3-methyl-	154	C8H7ClO	001711-06-4	25





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

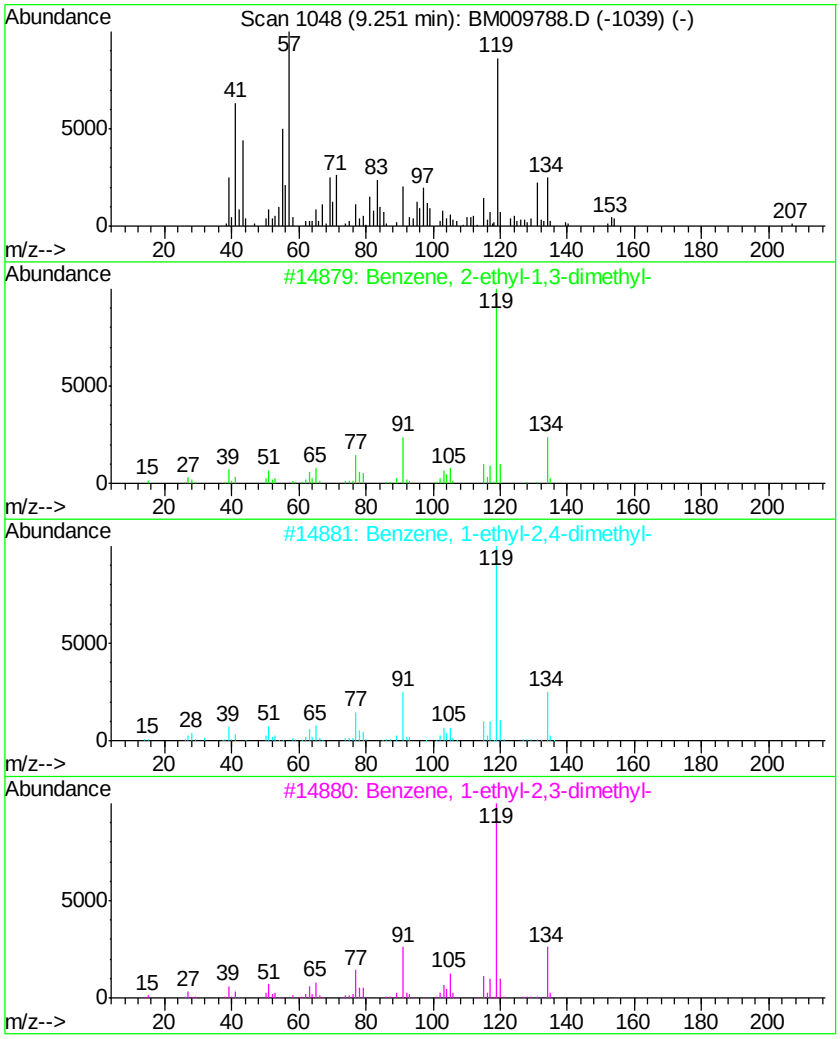
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

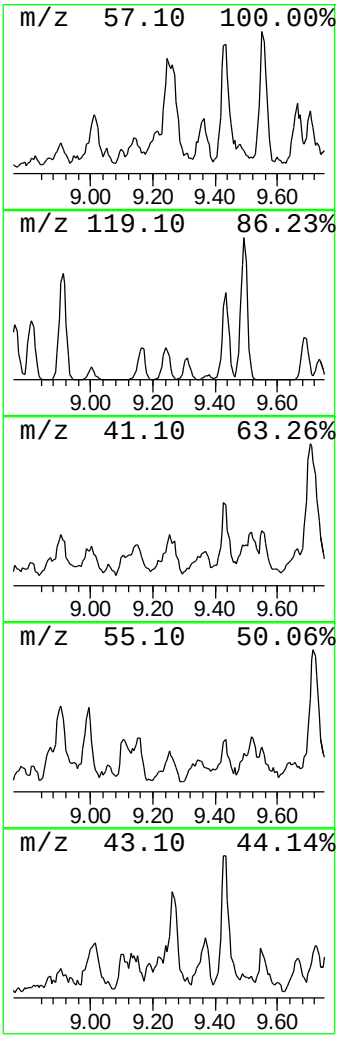
****

Peak Number 11 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	4.17 ng/ul	575728	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

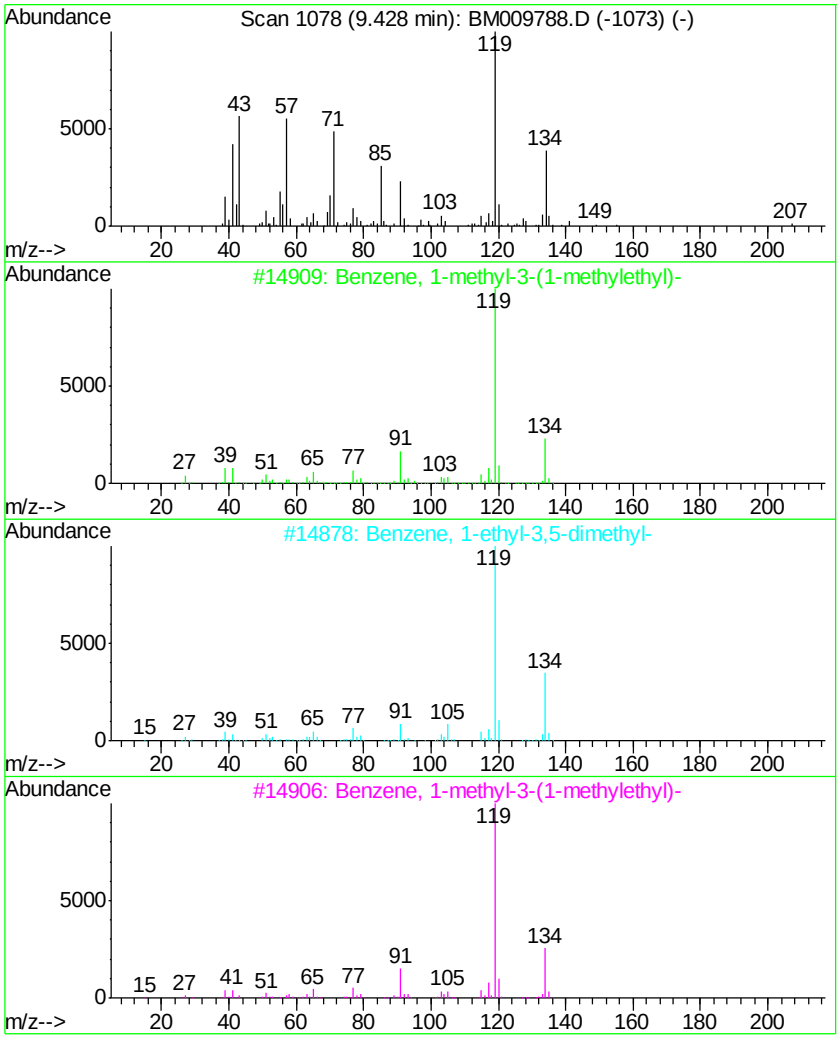
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

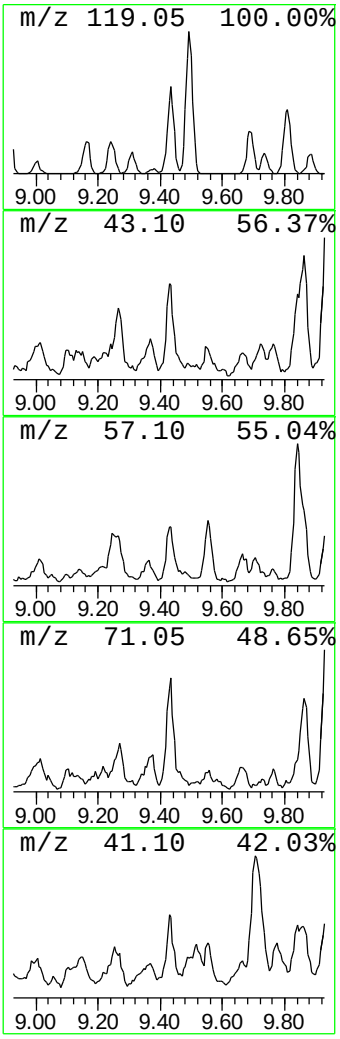
****

Peak Number 12 Benzene, 1-methyl-3-(1-meth... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	4.42 ng/ul	609550	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	60
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	60
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

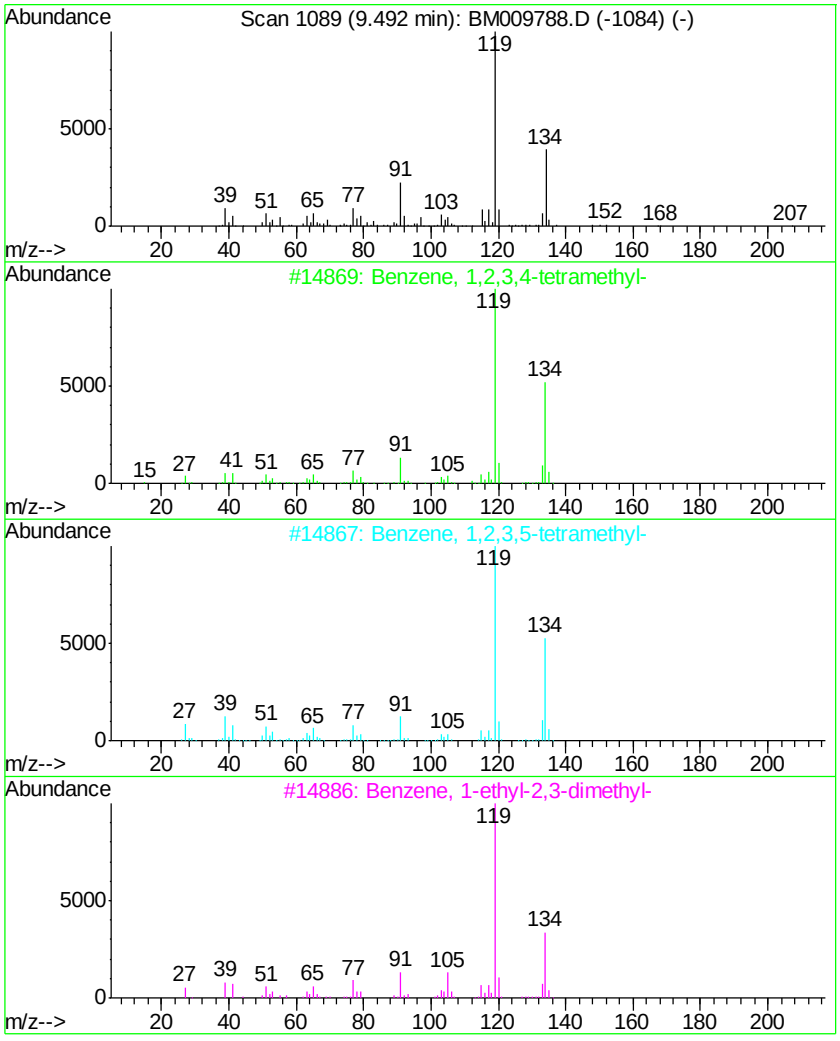
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

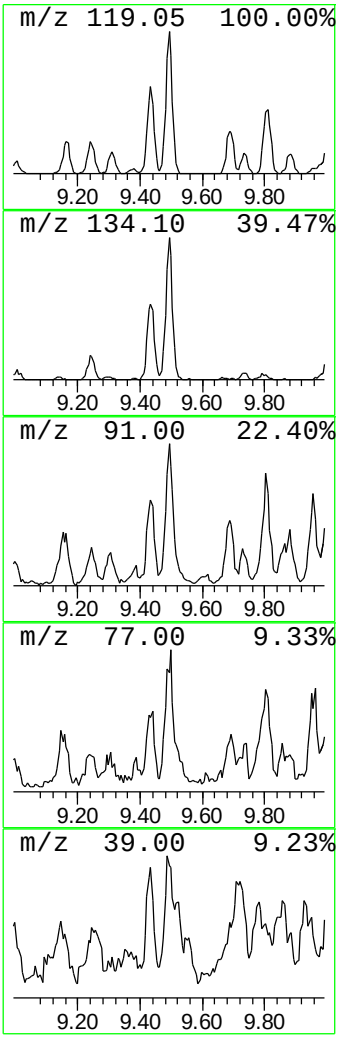
****

Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	7.04 ng/ul	971536	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

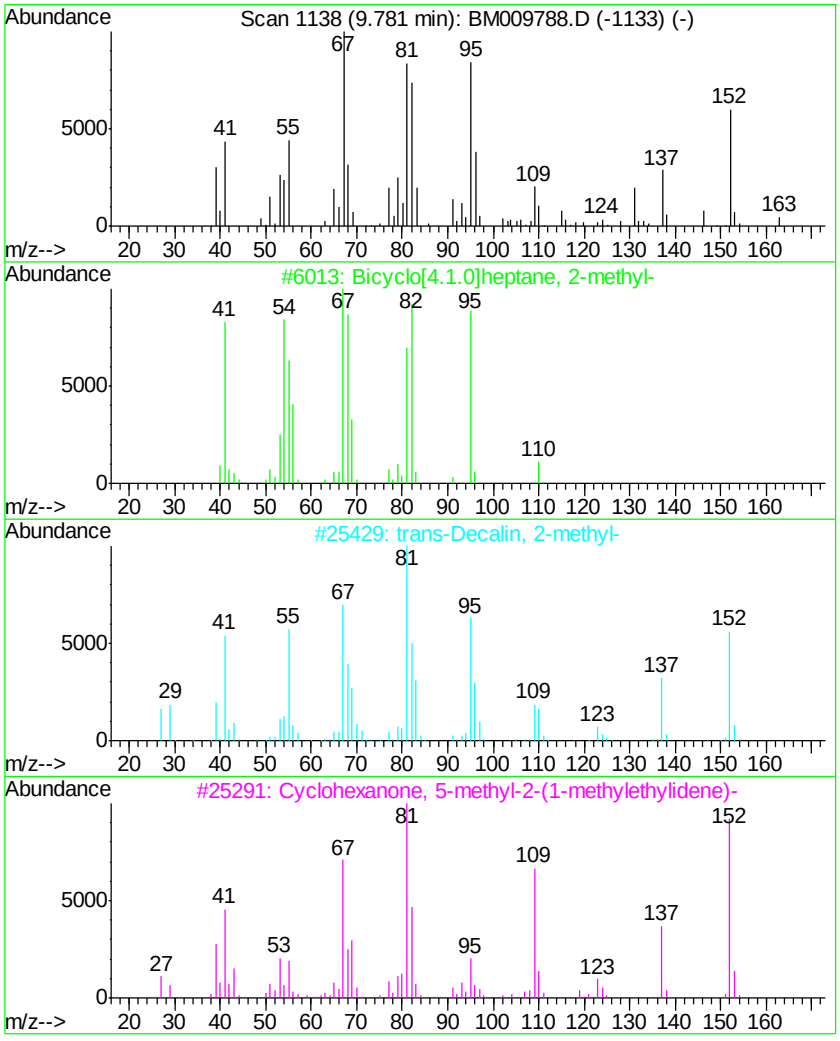
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

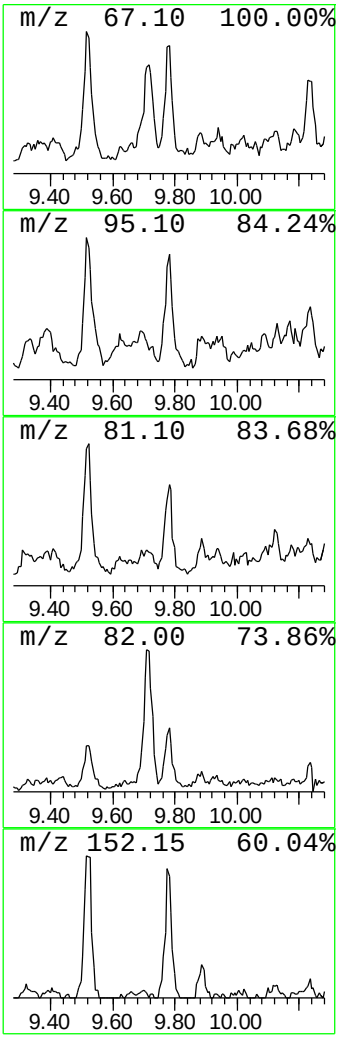
****

Peak Number 14 Bicyclo[4.1.0]heptane, 2-me... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	2.08 ng/ul	286906	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 2-methyl-	110	C8H14	041977-46-2	64
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	62
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	60
4	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	58
5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

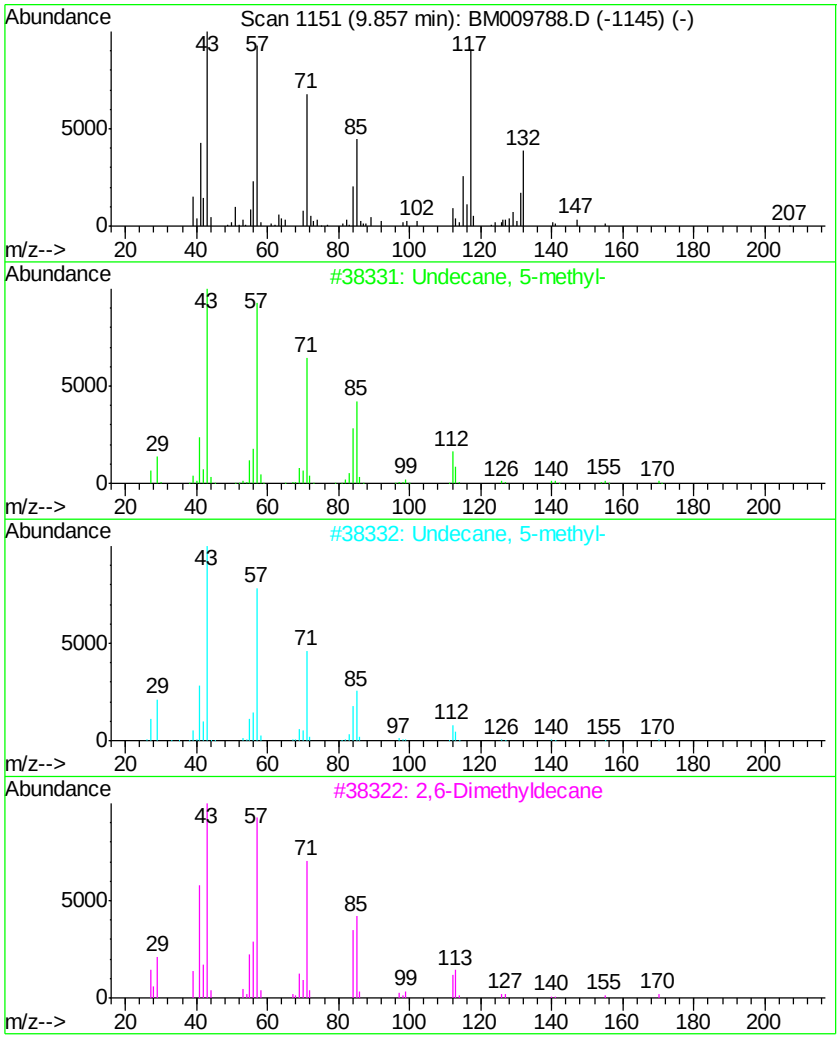
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

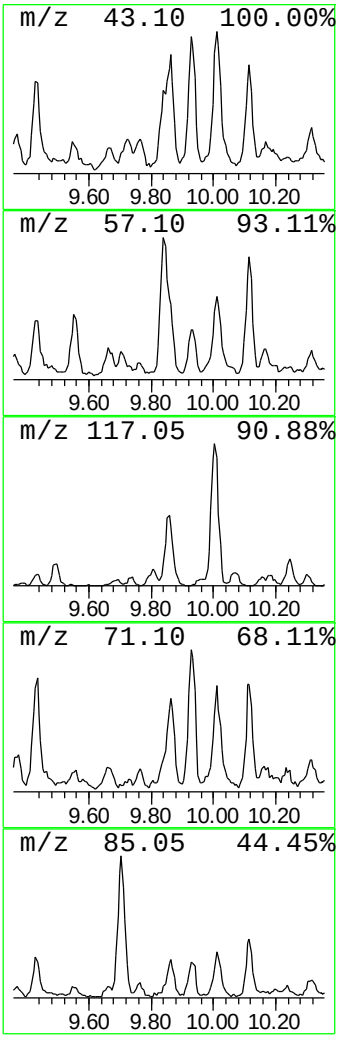
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	5.14 ng/ul	708593	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	49
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	49
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	49
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	43
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	42





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

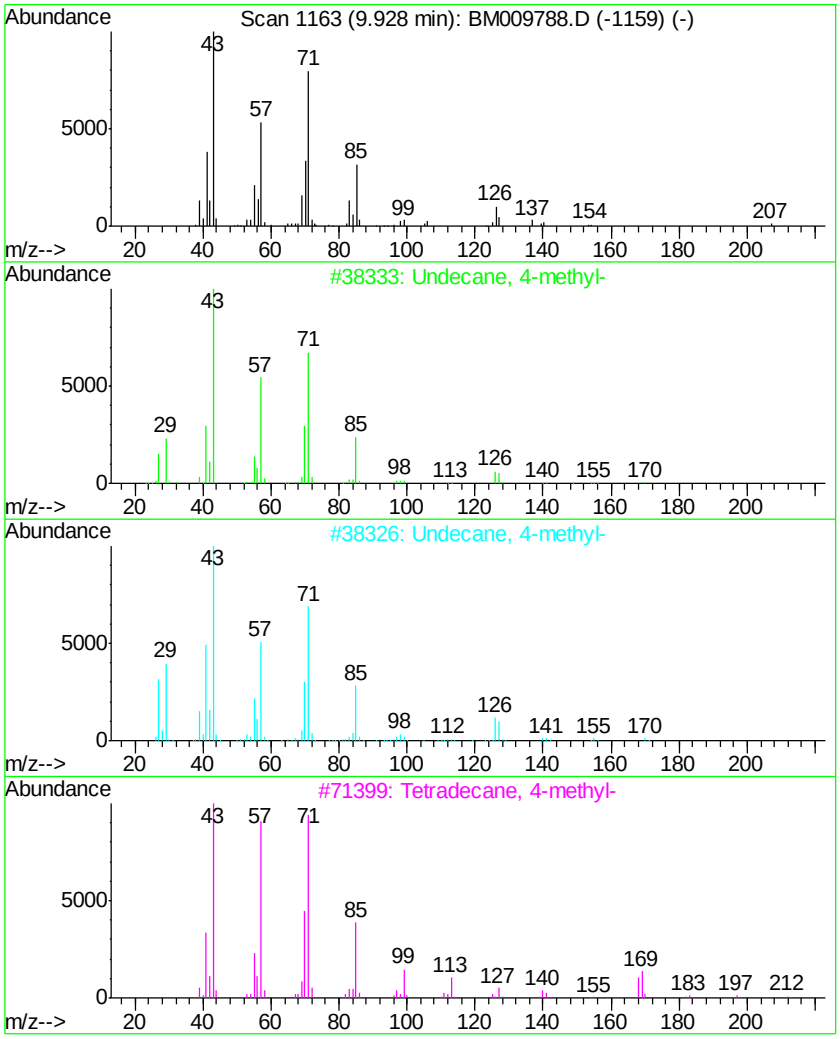
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

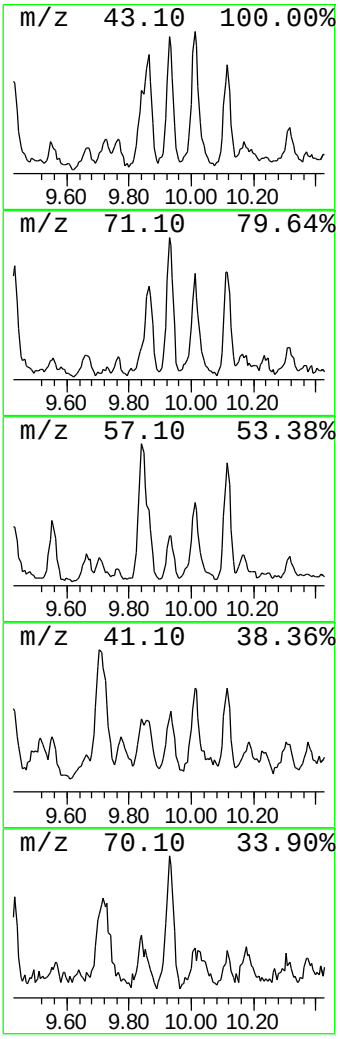
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	4.16 ng/ul	573579	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	64
2	Undecane, 4-methyl-	170	C12H26	002980-69-0	59
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	53
4	Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	53
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

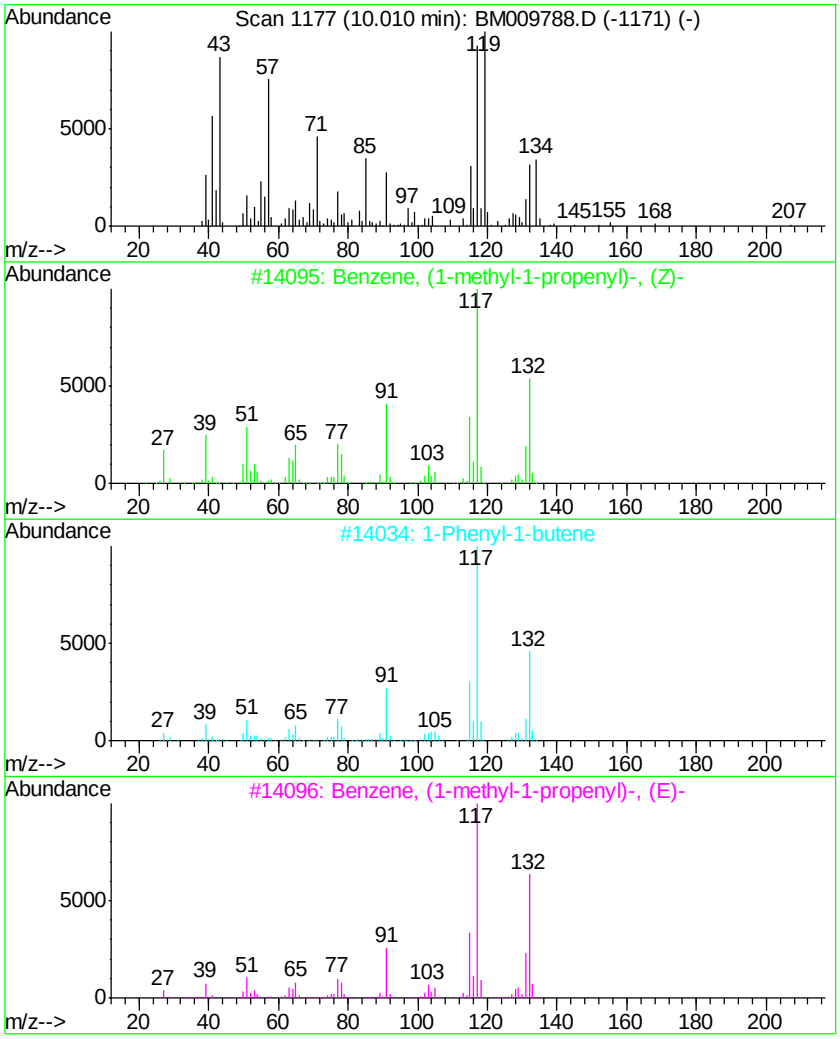
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

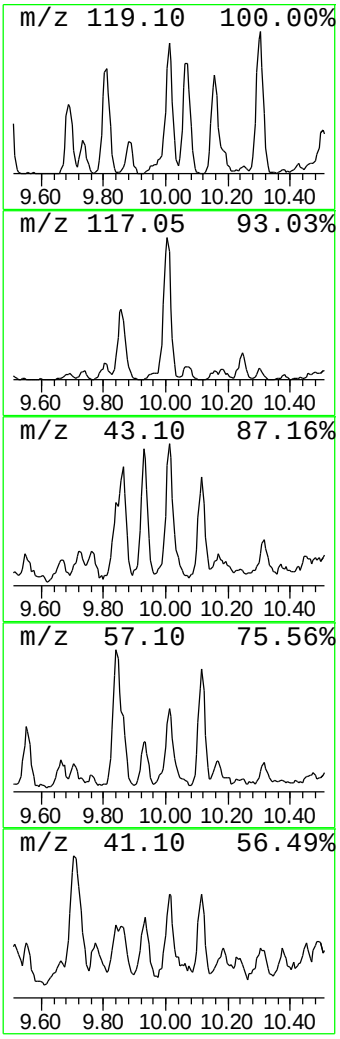
****

Peak Number 17 Benzene, (1-methyl-1-propen... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	7.17 ng/ul	988981	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	60
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	60
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	46
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	46
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

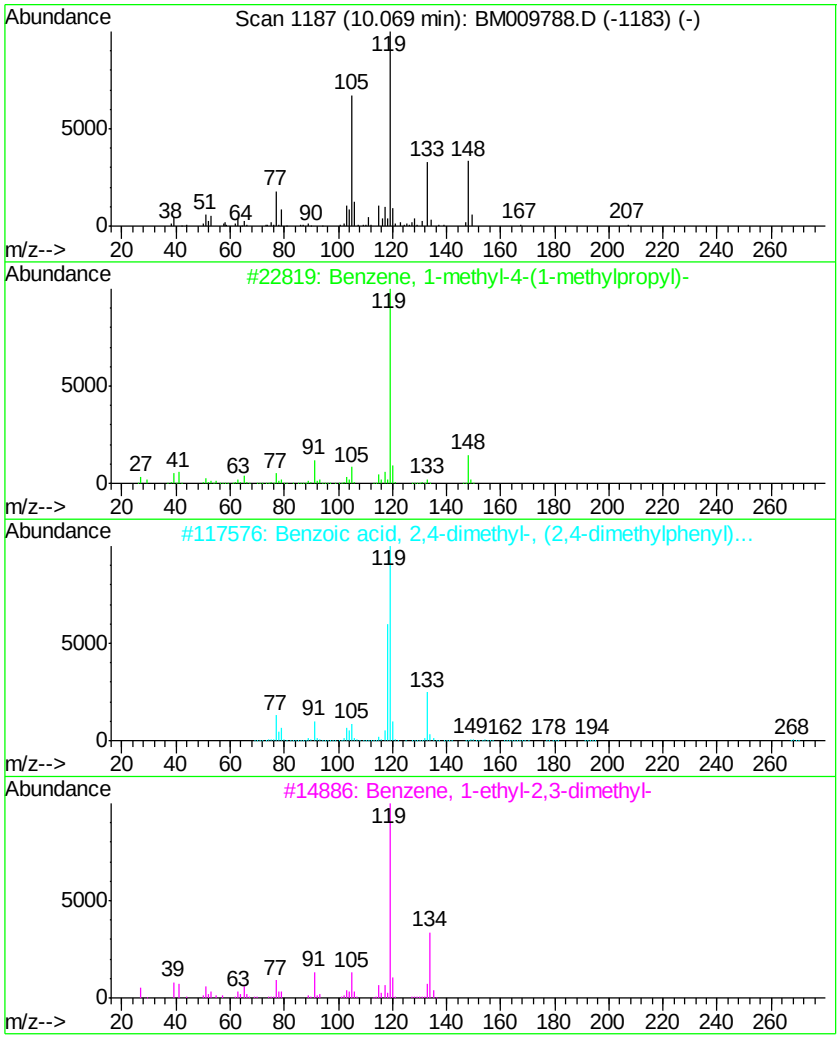
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

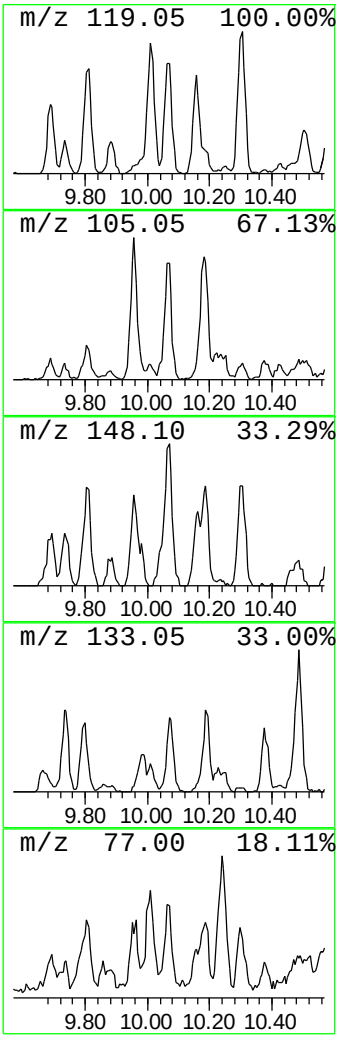
****

Peak Number 18 Benzene, 1-methyl-4-(1-meth... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	2.14 ng/ul	295369	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2	Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	53
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	53
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	52
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	52





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

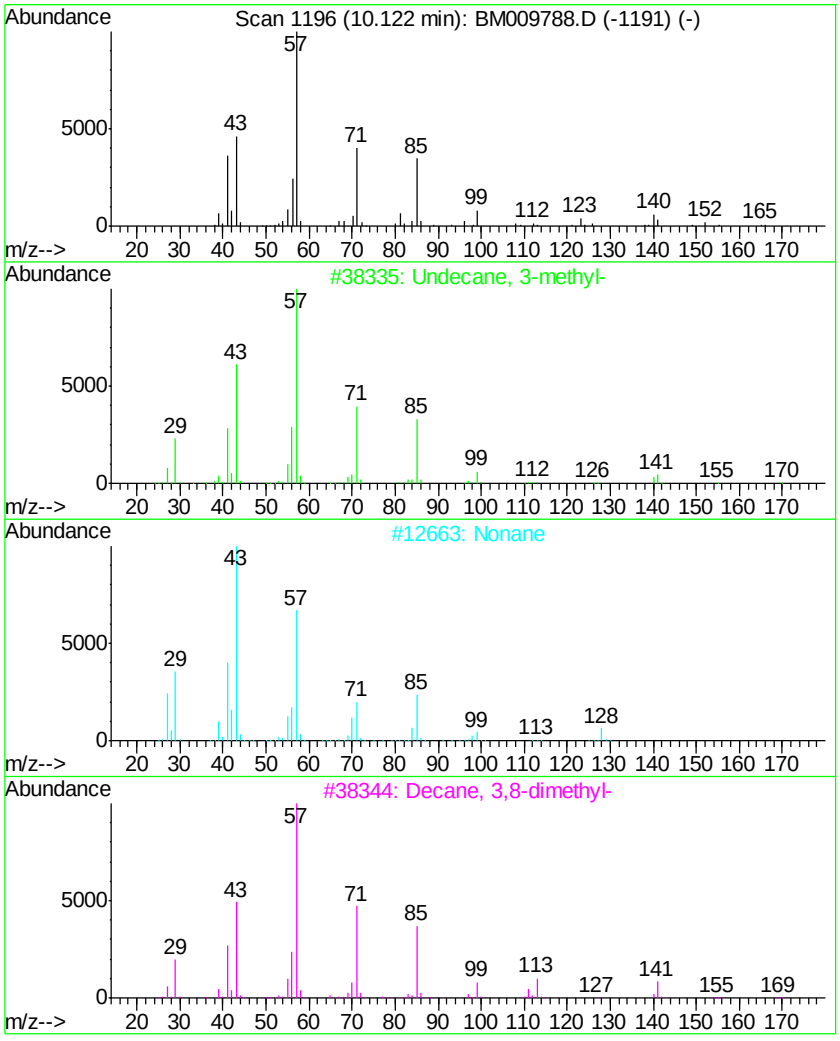
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

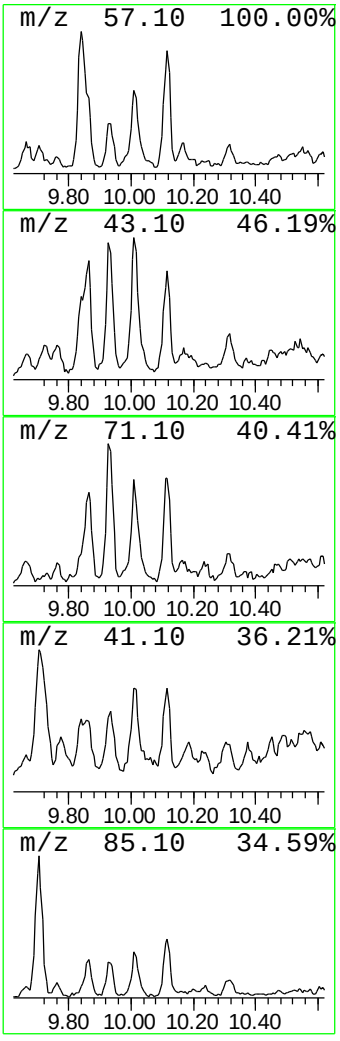
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	2.68 ng/ul	369653	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
2	Nonane	128	C9H20	000111-84-2	64
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

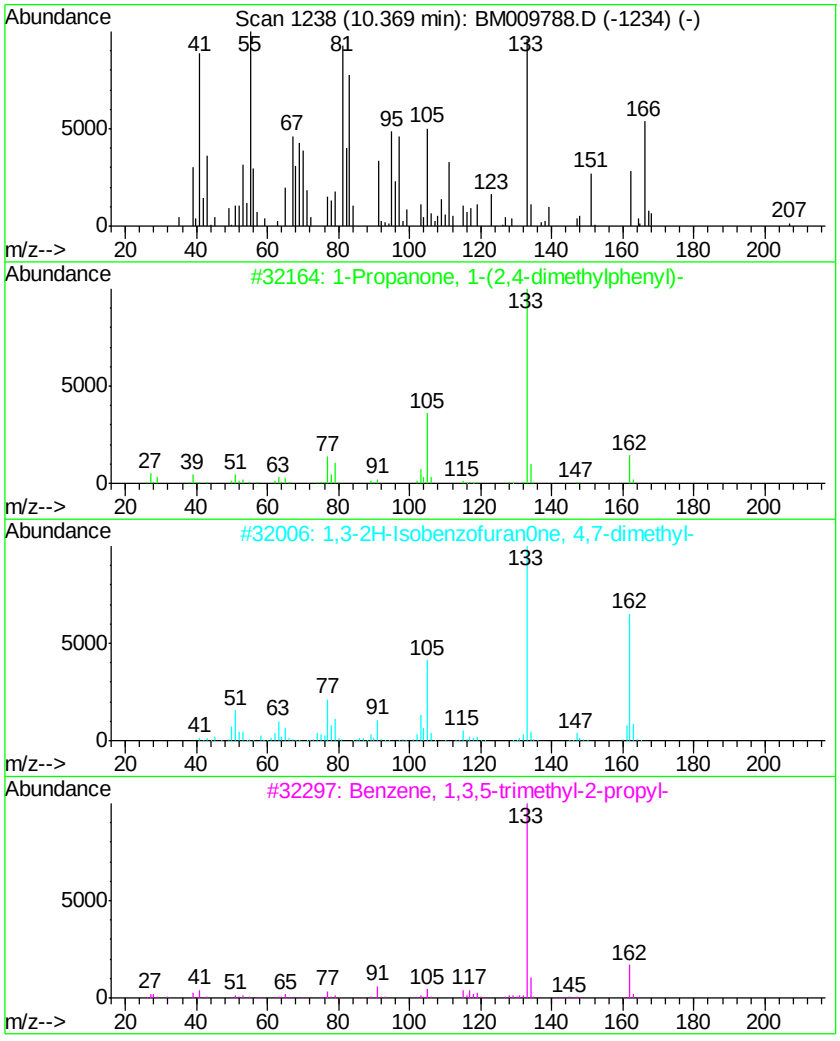
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

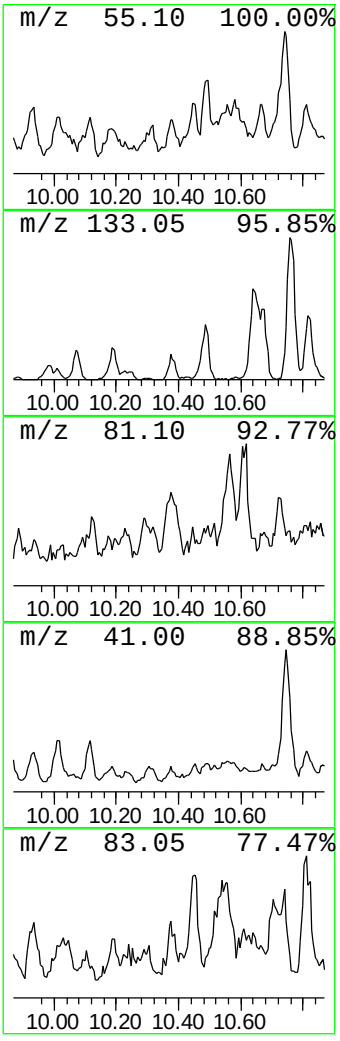
****

Peak Number 21 unknown-02 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	2.19 ng/ul	301576	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	38
2	1,3-2H-Isobenzofuran0ne, 4,7-dim...	162	C10H10O2	054598-91-3	30
3	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	30
4	1-Phenylcyclopentanol-1	162	C11H14O	010487-96-4	30
5	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

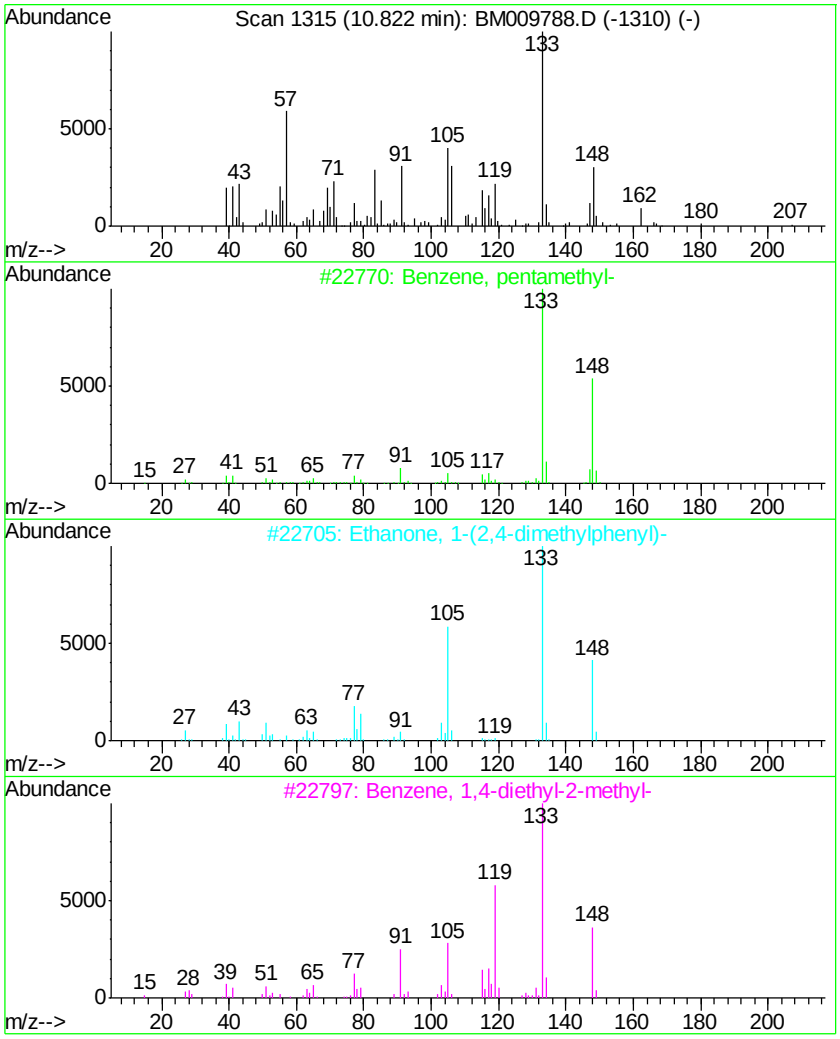
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

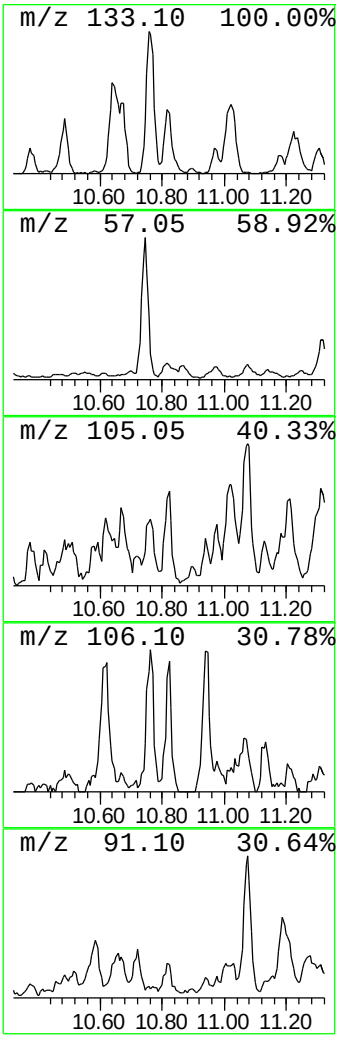
****

Peak Number 22 Benzene, pentamethyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	3.37 ng/ul	464741	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	53
2	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	50
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	49
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

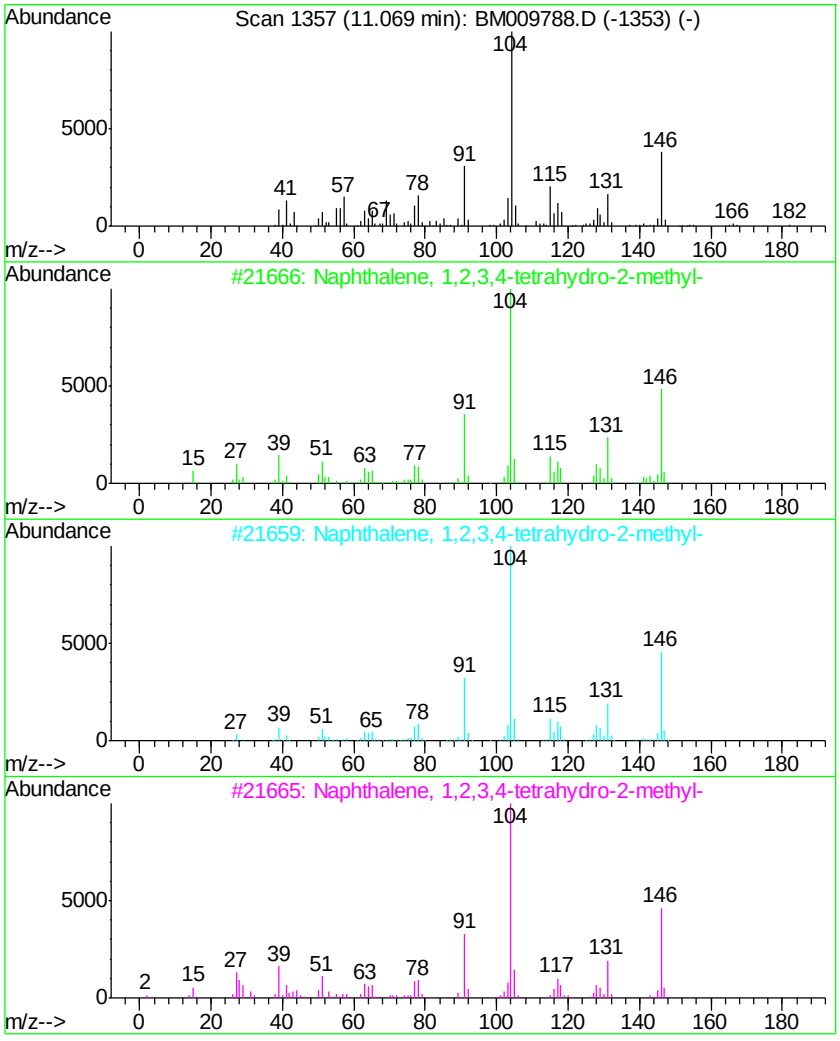
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

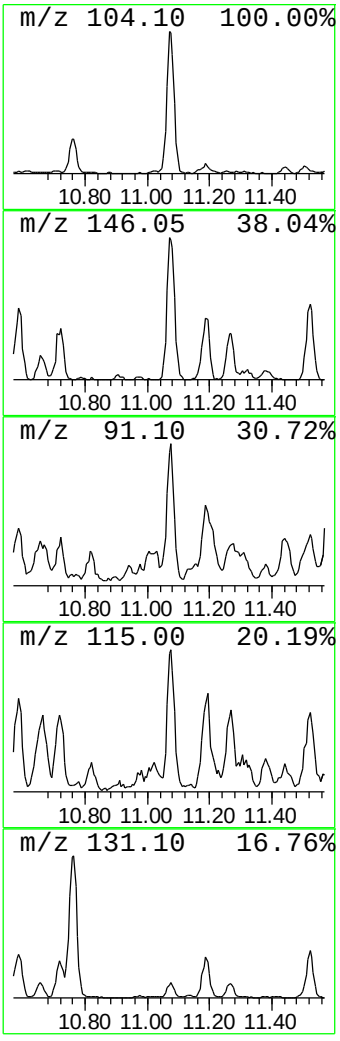
****

Peak Number 23 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	11.00 ng/ul	1516710	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	76
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	55
5	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

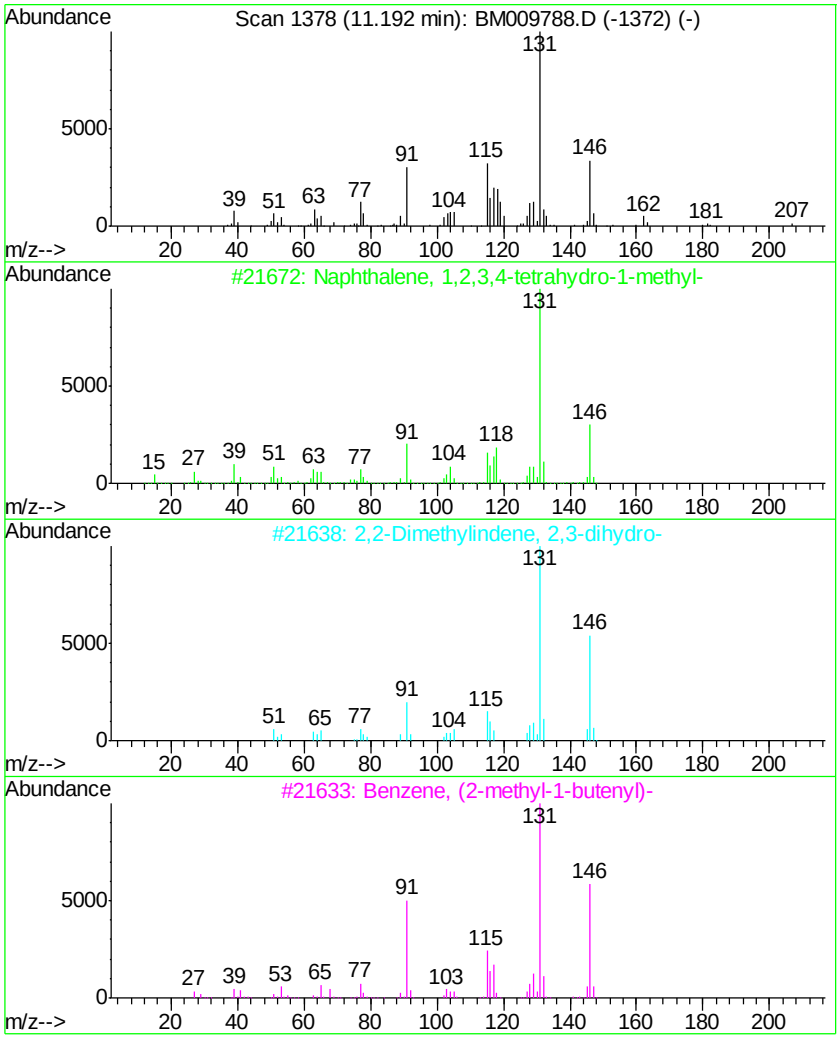
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

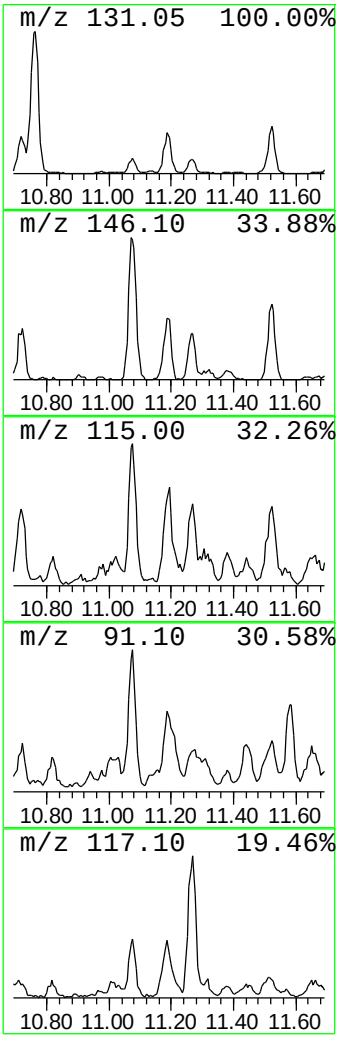
****

Peak Number 24 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	4.28 ng/ul	590510	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

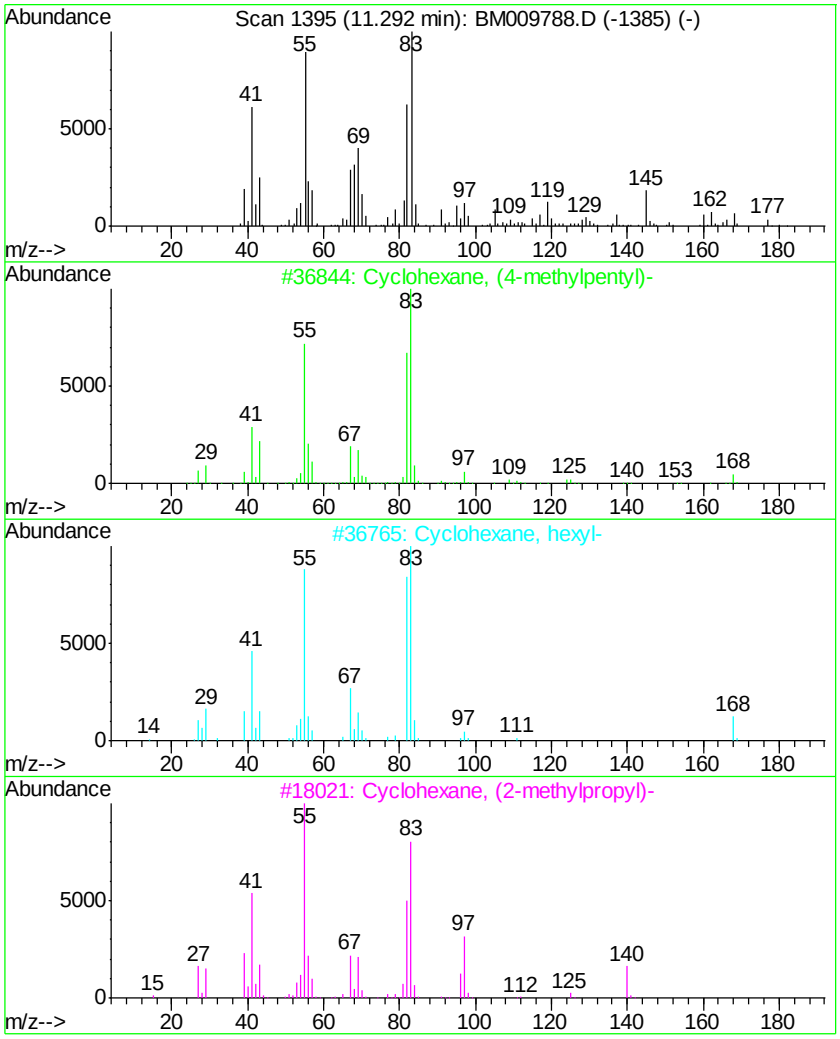
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

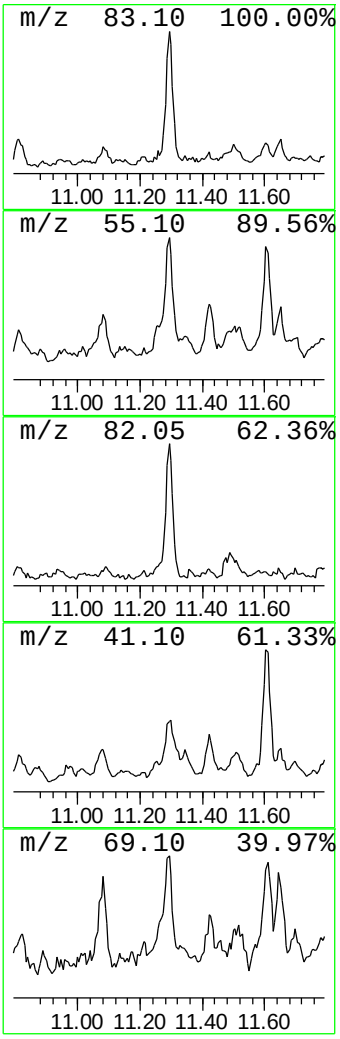
****

Peak Number 25 (DEL) Alkane: Cyclic11.29 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	13.31 ng/ul	1835600	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	62
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	58
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

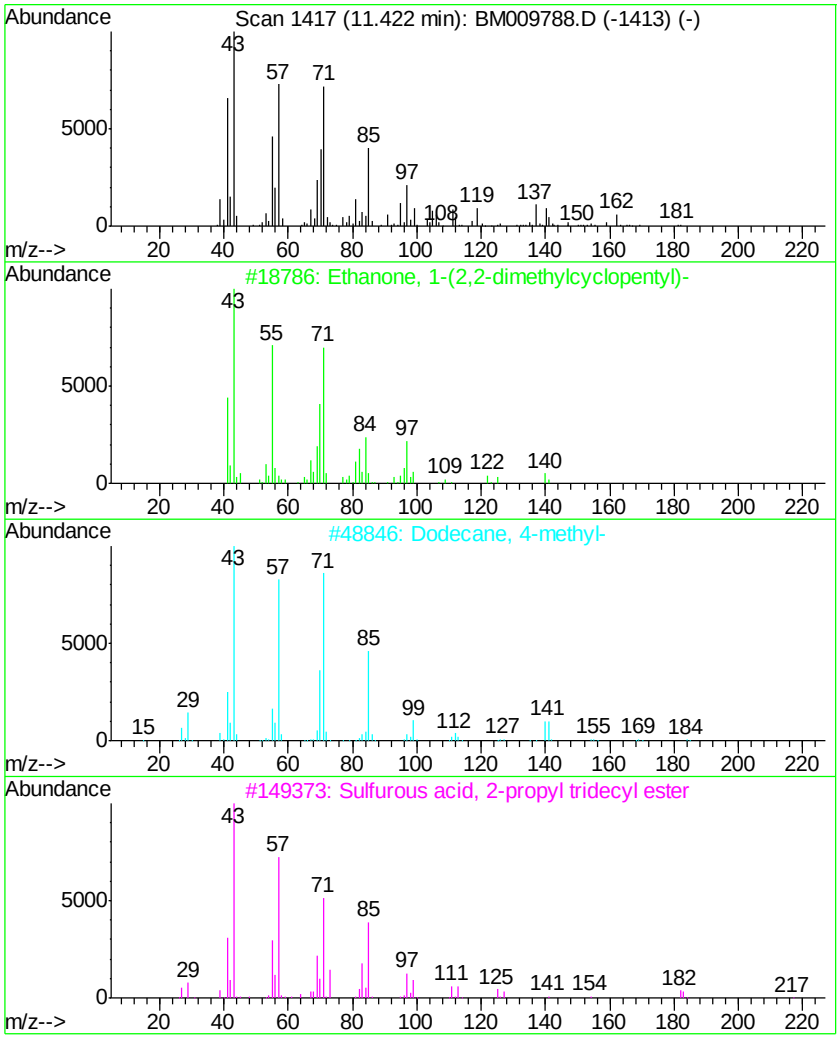
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

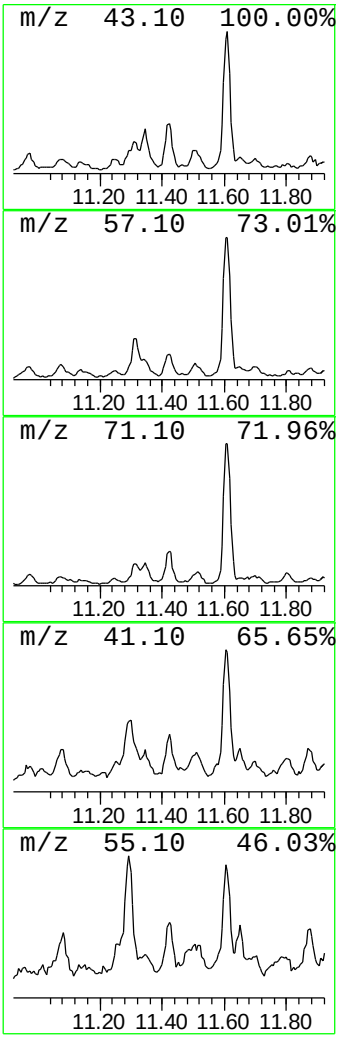
****

Peak Number 26 Ethanone, 1-(2,2-dimethylcy... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	5.95 ng/ul	820393	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	60
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	43
4	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	38
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

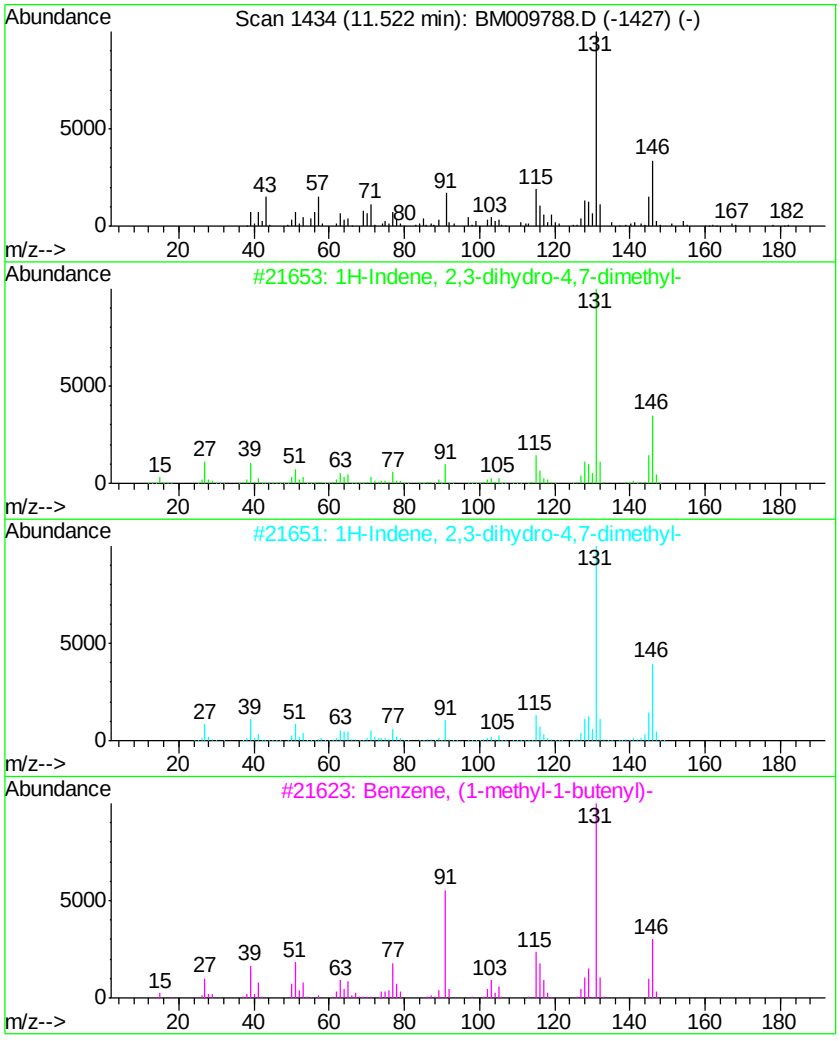
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

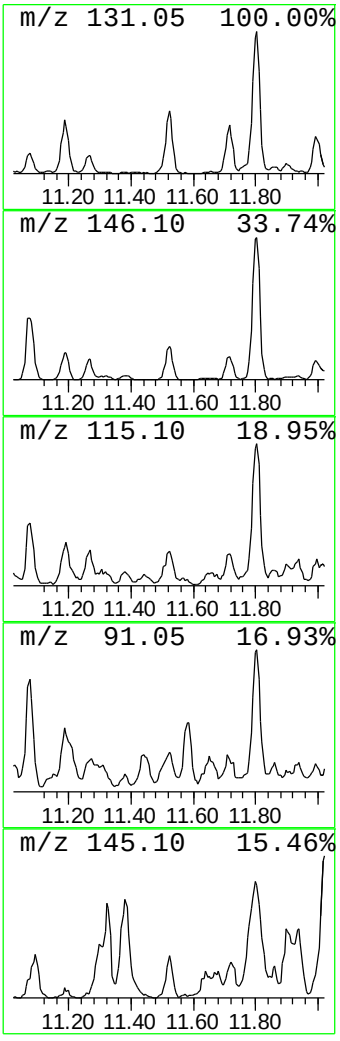
****

Peak Number 27 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	6.24 ng/ul	860859	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

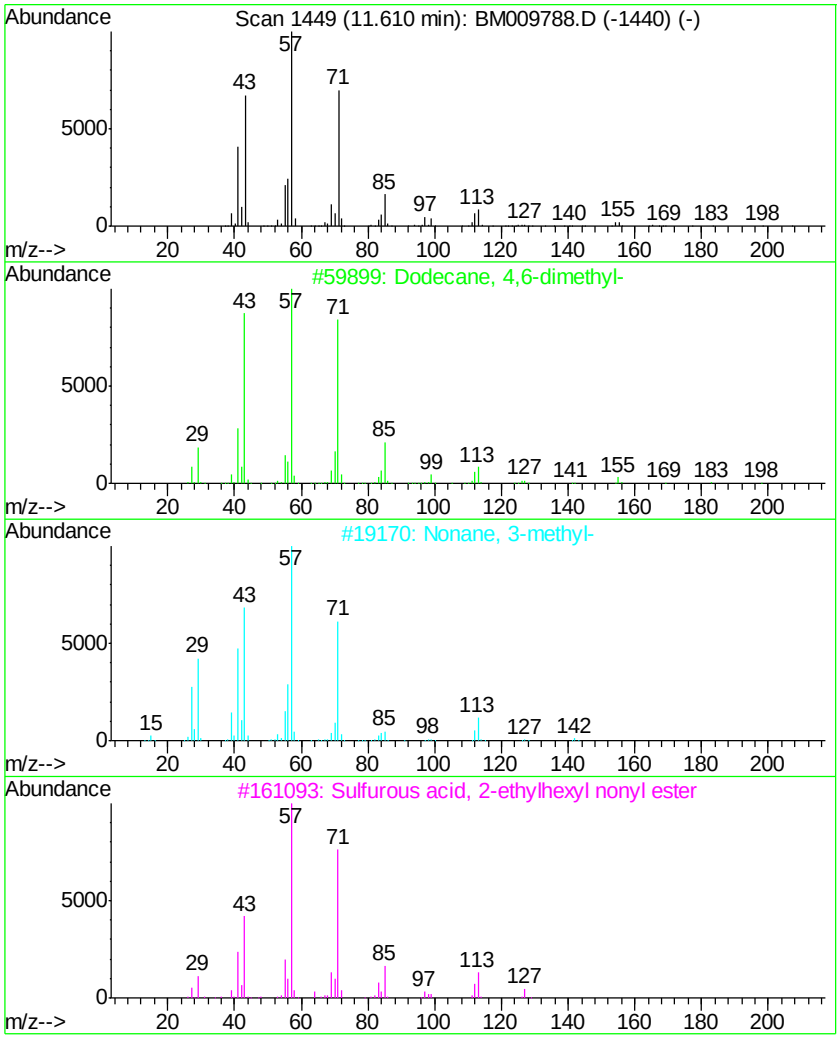
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

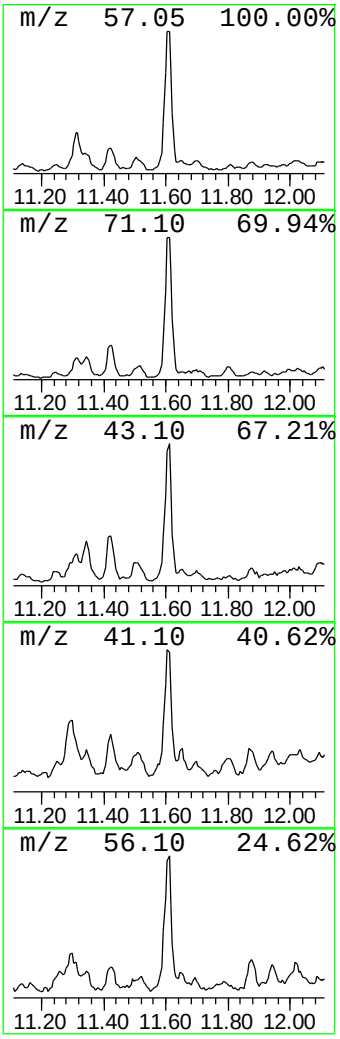
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	14.96 ng/ul	2062960	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

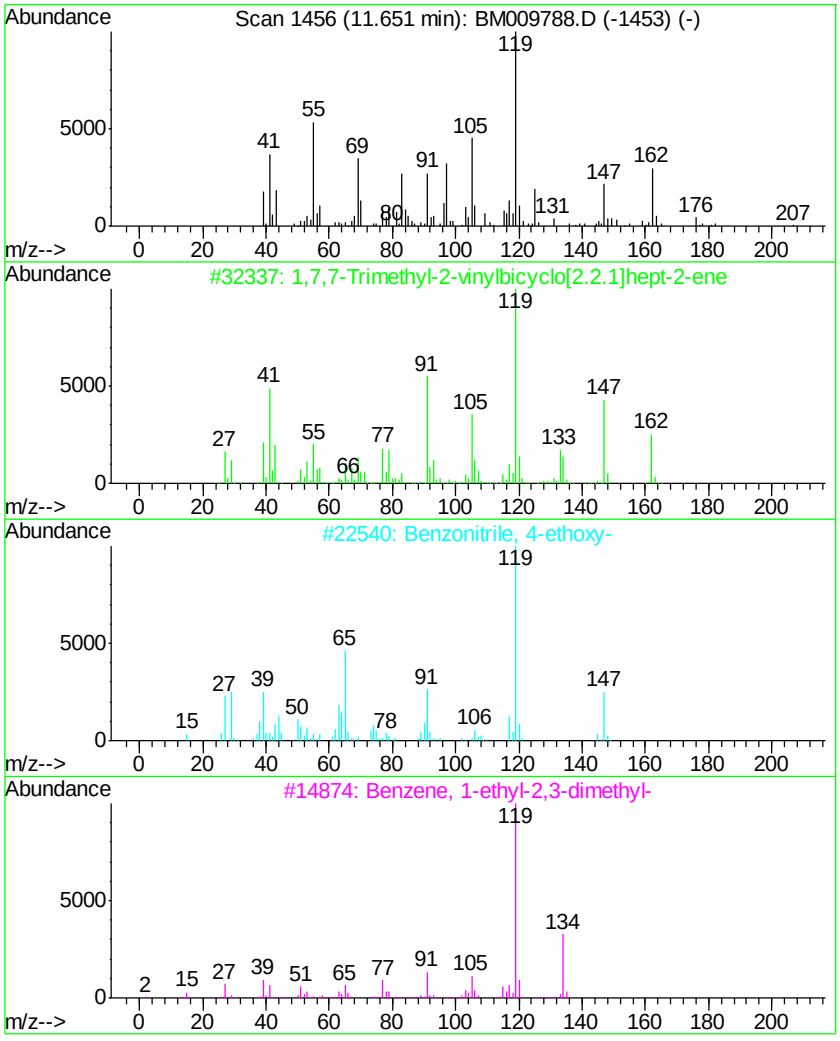
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

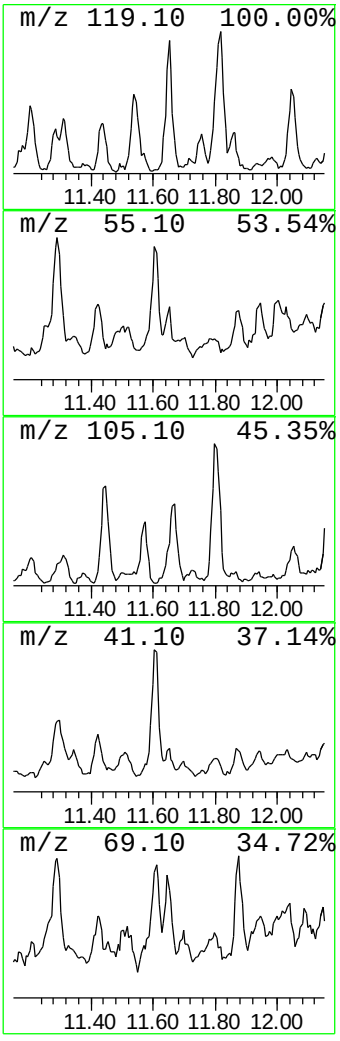
****

Peak Number 29 unknown-03 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.59 ng/ul	357238	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7,7-Trimethyl-2-vinylbicyclo[2...	162	C12H18	130930-56-2	49
2	Benzonitrile, 4-ethoxy-	147	C9H9NO	025117-74-2	47
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	43
4	Benzonitrile, 4-ethoxy-	147	C9H9NO	025117-74-2	43
5	Benzenepropanoic acid, .beta.,.b...	178	C11H14O2	001010-48-6	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

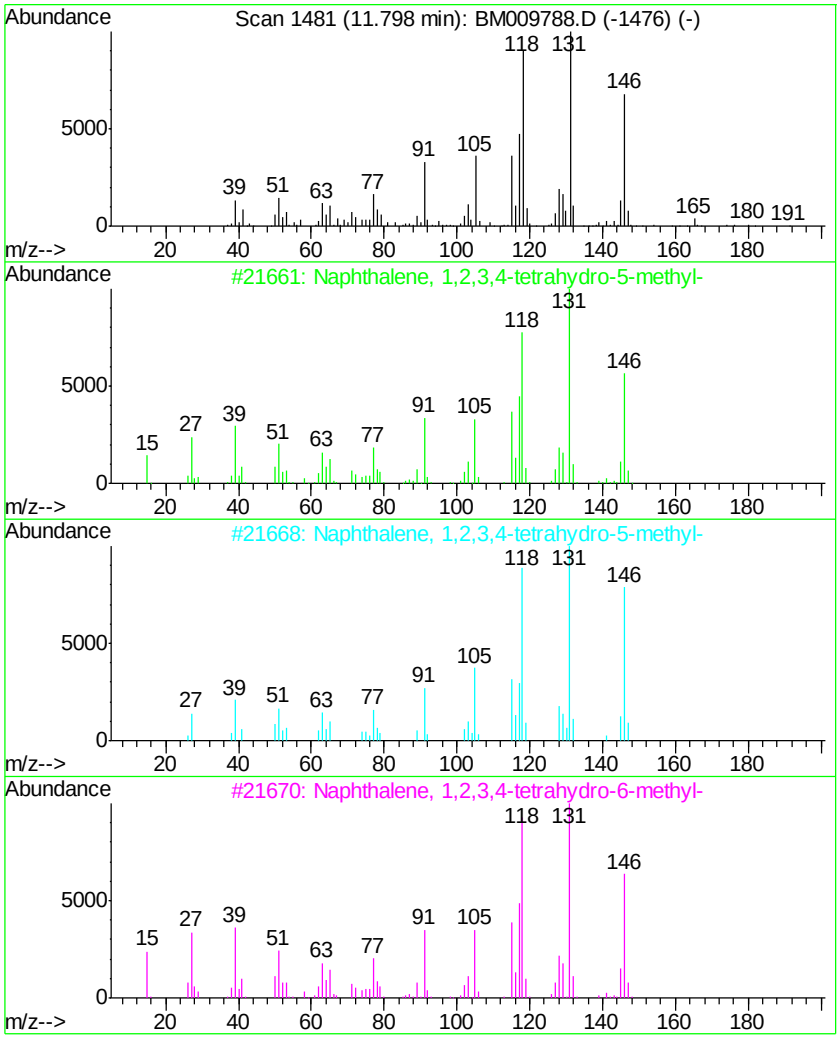
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

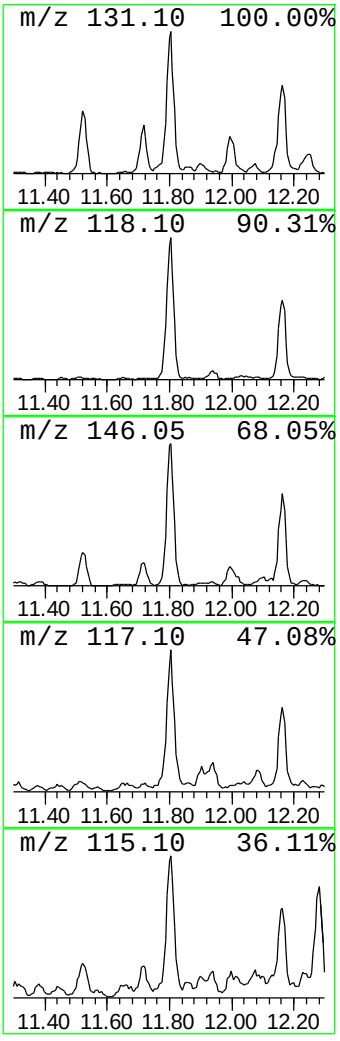
****

Peak Number 30 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	17.07 ng/ul	2354100	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

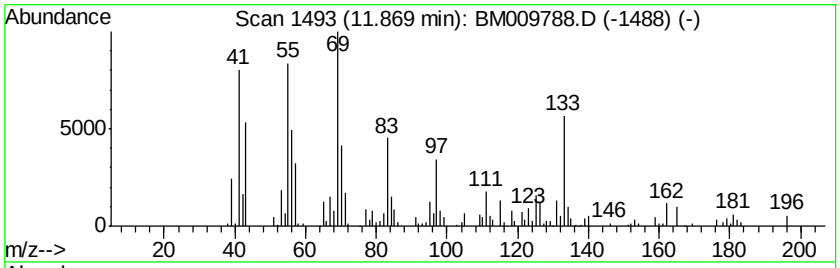
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

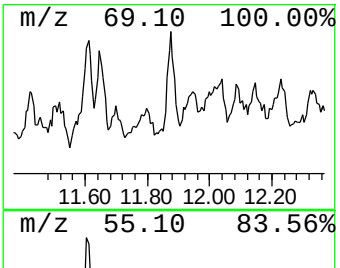
****

Peak Number 31 (DEL) Alkane: Cyclic11.87 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	3.59 ng/ul	495423	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Tetradecene, (Z)-	196	C14H28	041446-65-5	92
2	7-Tetradecene	196	C14H28	010374-74-0	84
3	2-Tetradecene, (E)-	196	C14H28	035953-54-9	83
4	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	70
5	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

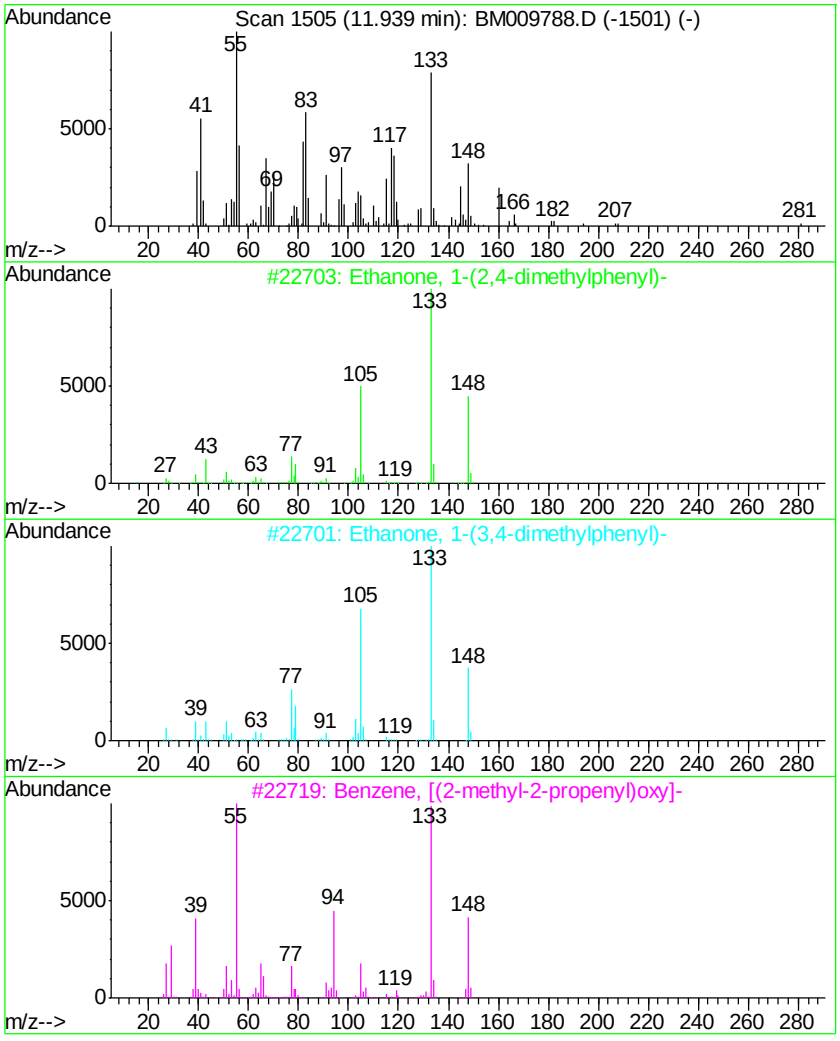
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

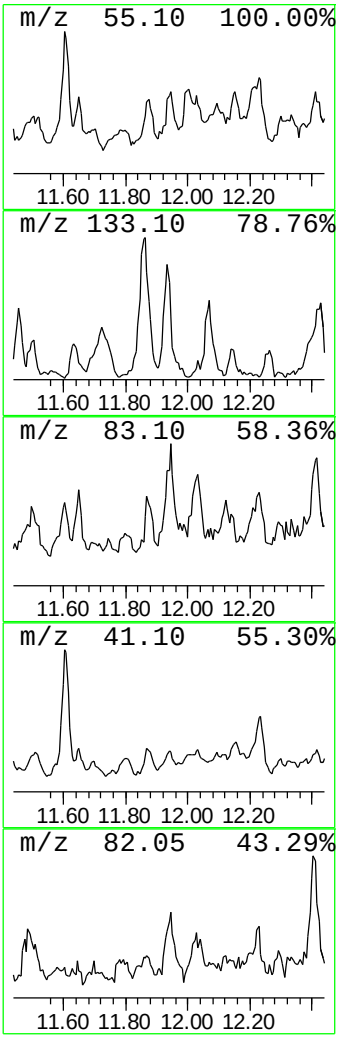
****

Peak Number 32 unknown-04 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.78 ng/ul	383223	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	20
2	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	20
3	Benzene, [(2-methyl-2-propenyl)o...	148	C10H12O	005820-22-4	18
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	18
5	1-(2,3-Dimethylphenyl)ethanone	148	C10H12O	002142-71-4	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

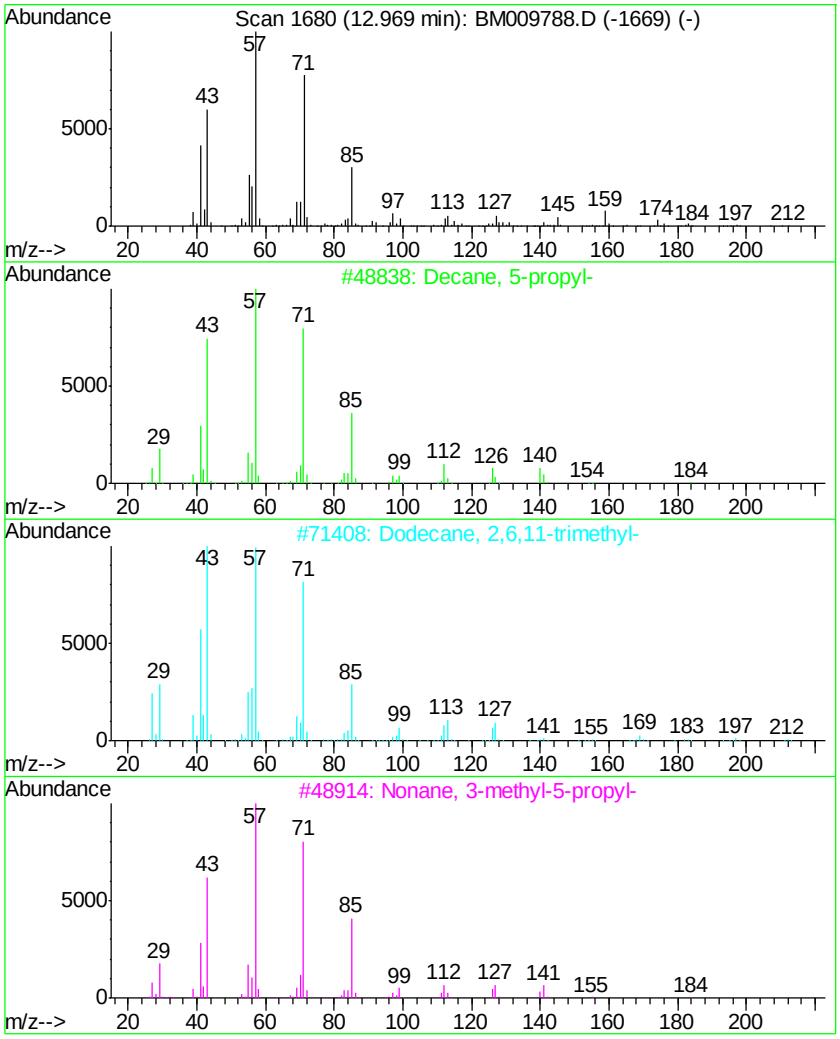
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

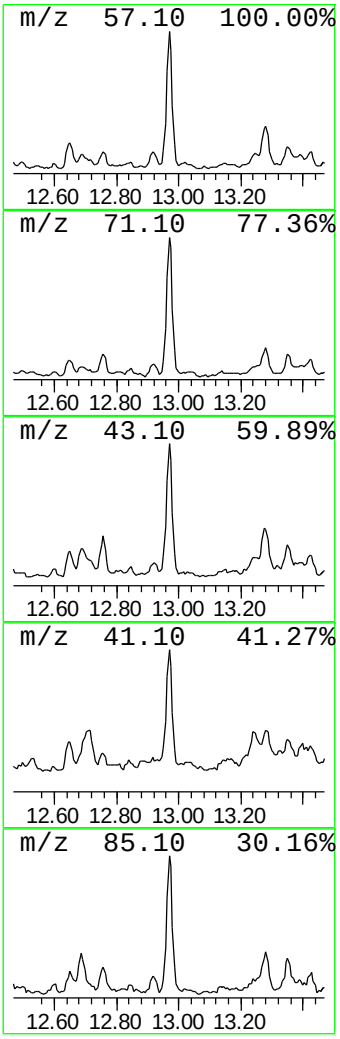
****

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	19.08 ng/ul	3213990	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	74
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
5	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

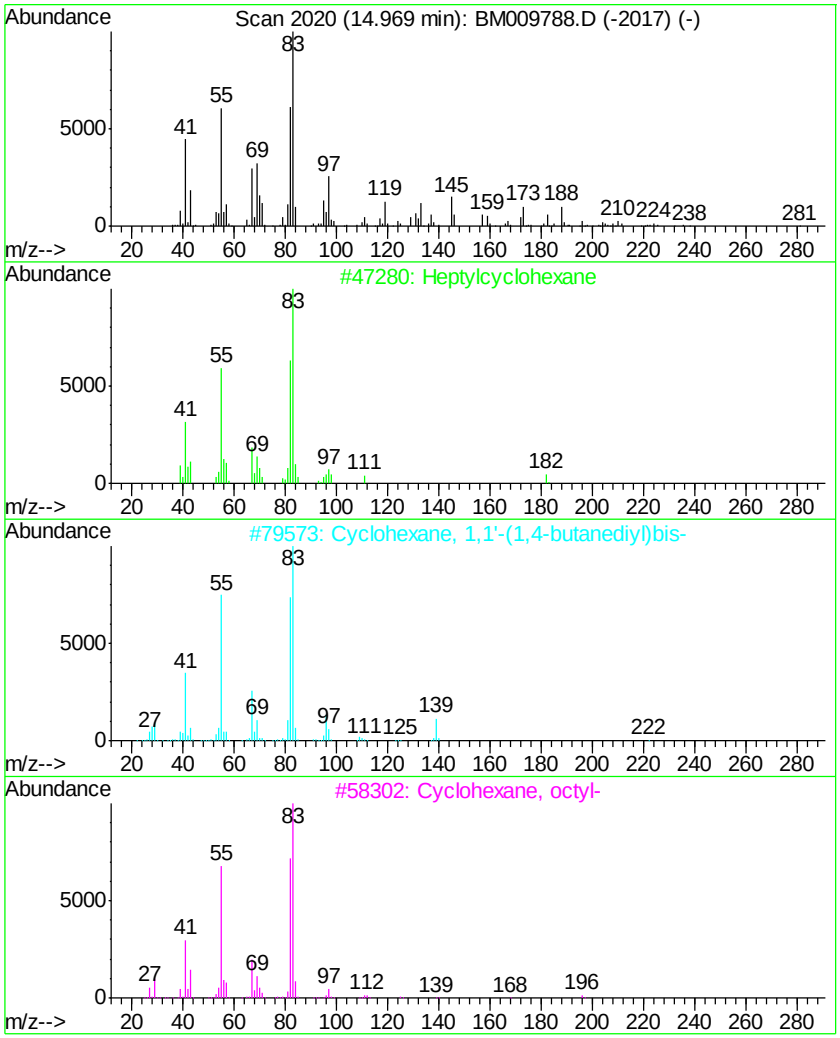
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

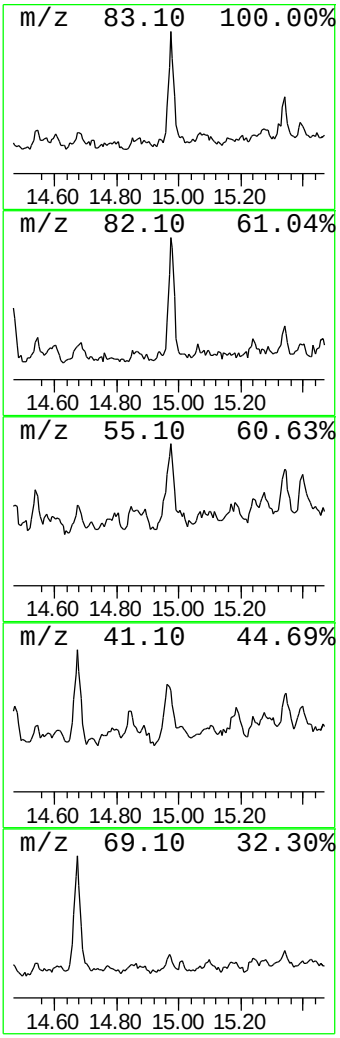
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	6.80 ng/ul	1144630	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	53
2	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	53
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	49
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

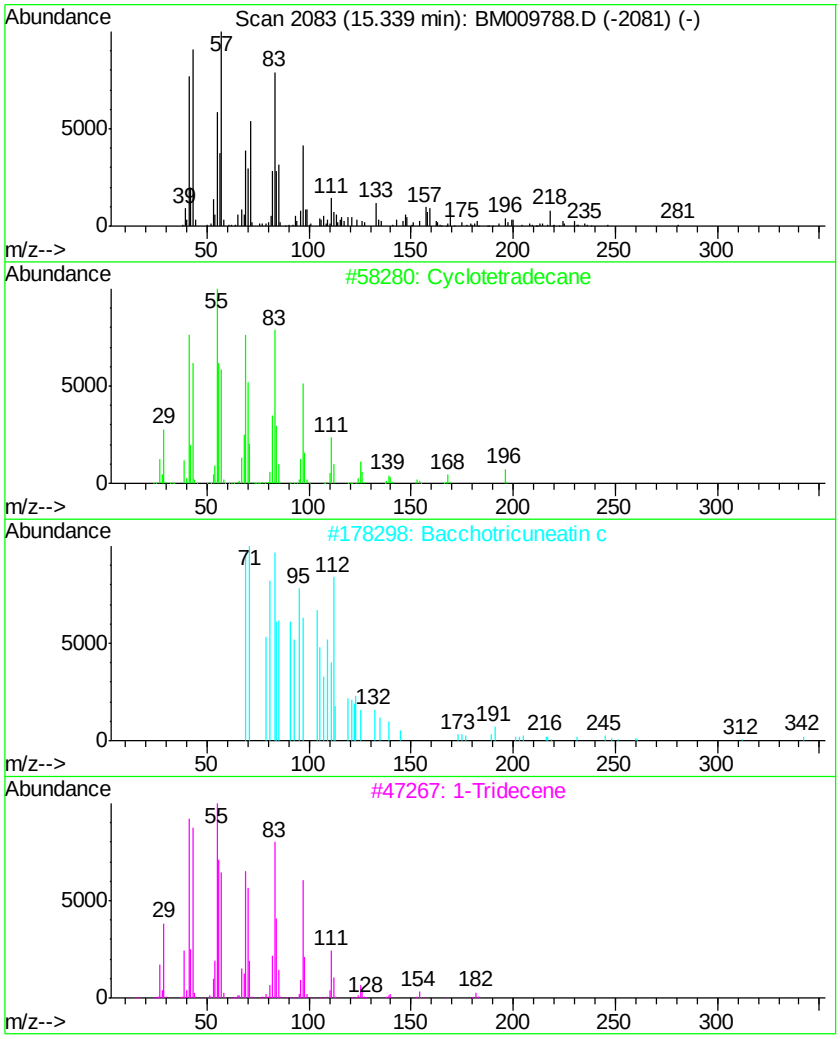
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

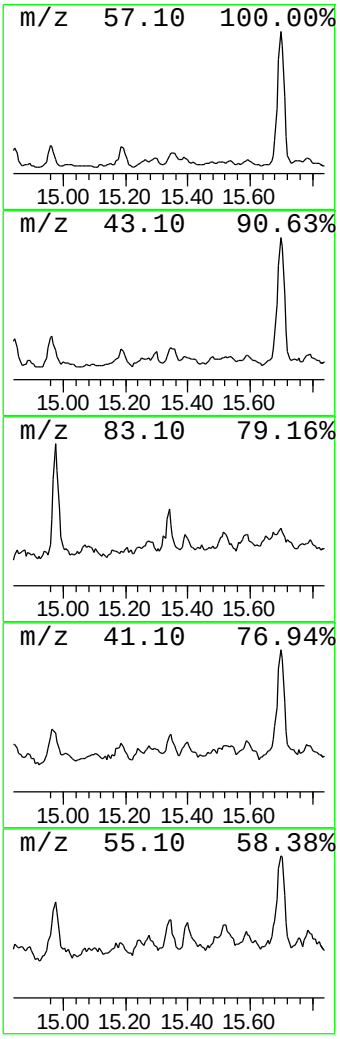
****

Peak Number 55 (DEL) Alkane: Cyclic15.34 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	3.73 ng/ul	628125	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	53
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	49
3	1-Tridecene	182	C13H26	002437-56-1	45
4	3-Hexene, 2,2-dimethyl-, (E)-	112	C8H16	000690-93-7	43
5	Cetene	224	C16H32	000629-73-2	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

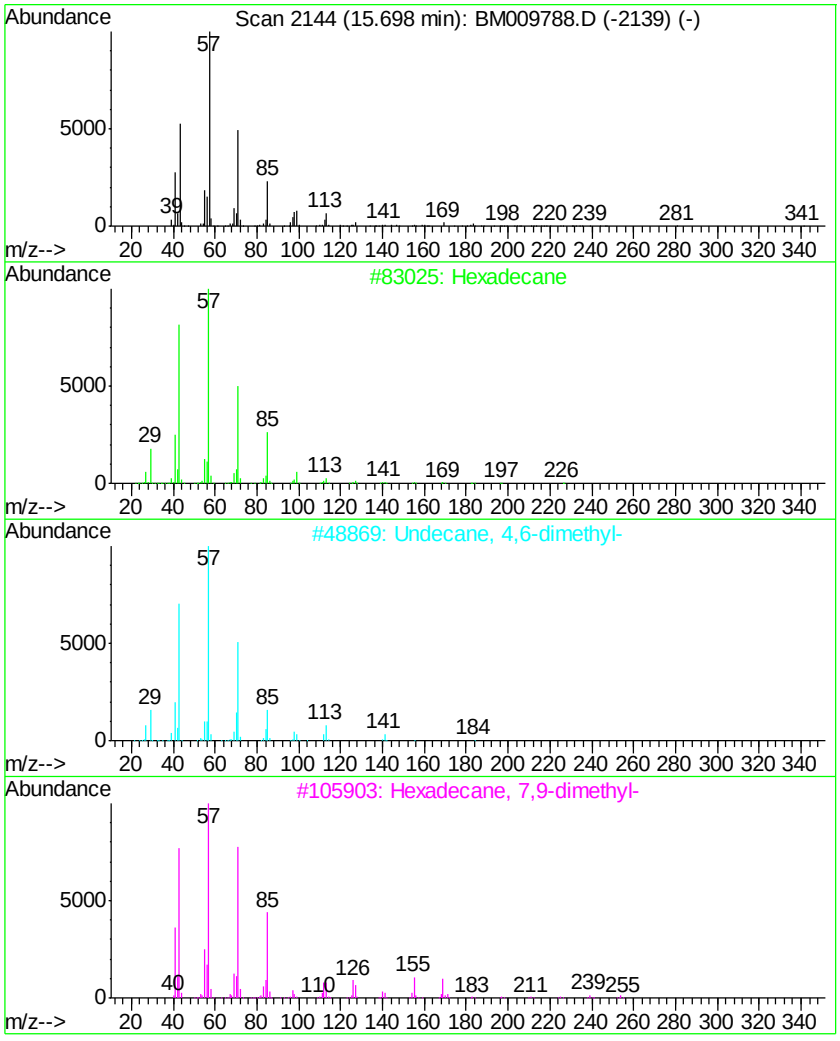
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

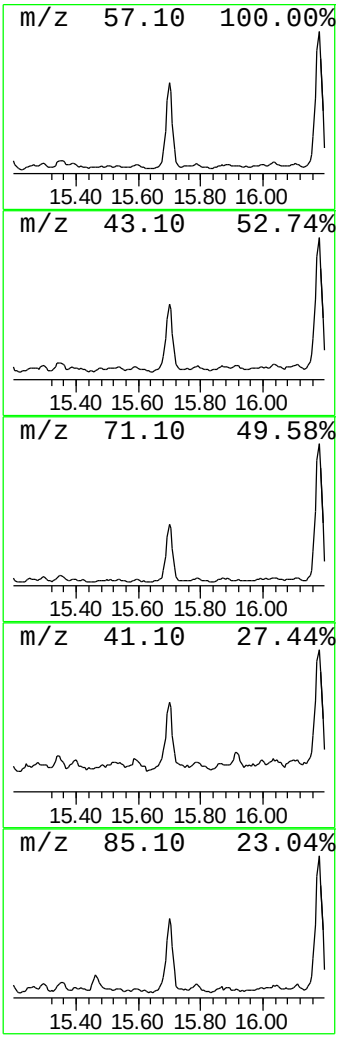
****

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	29.61 ng/ul	4986700	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	68
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	64
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

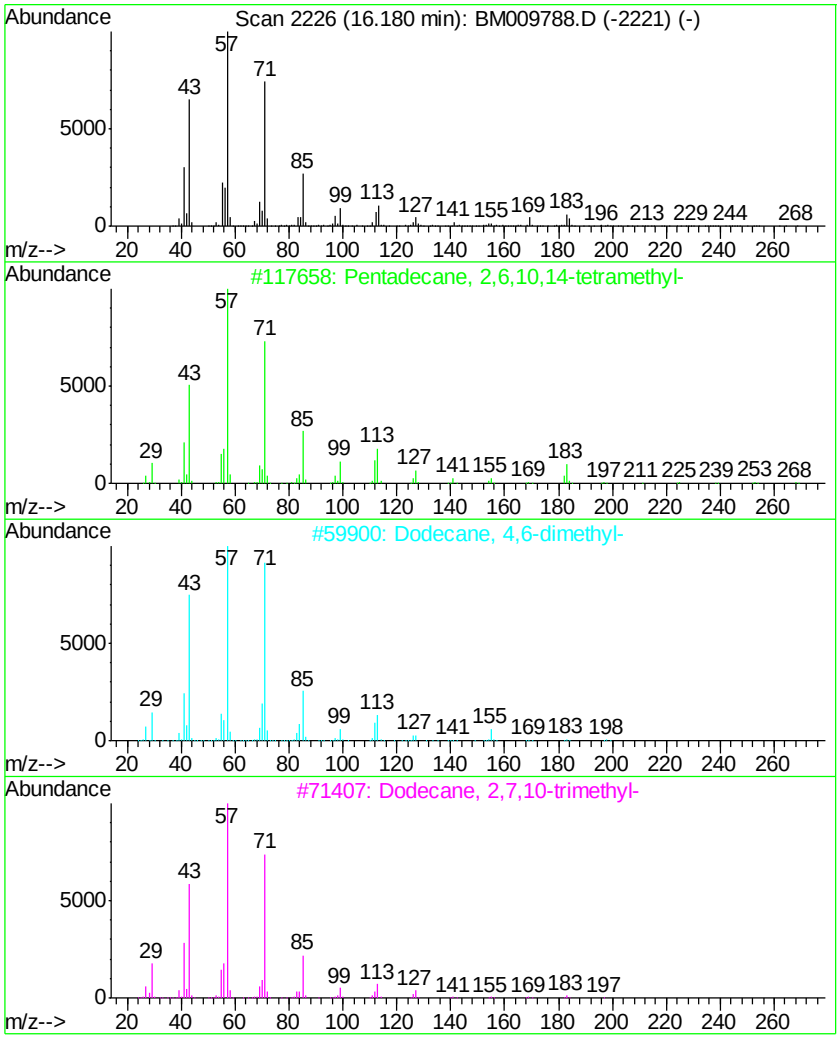
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

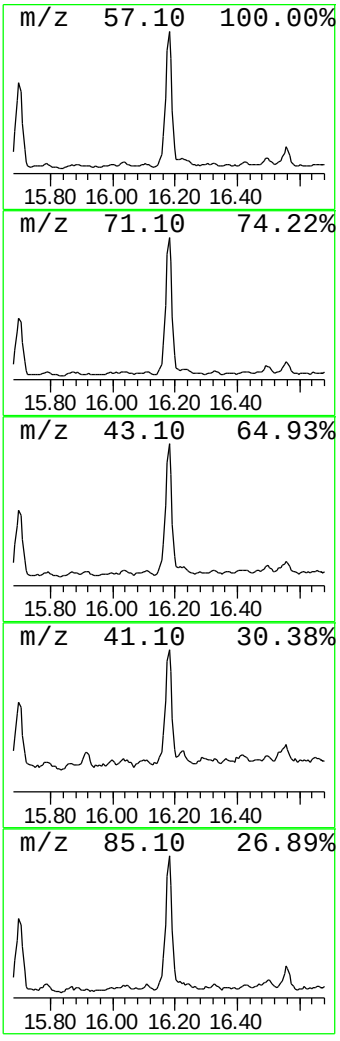
****

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	60.97 ng/ul	7324860	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	94
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	90
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

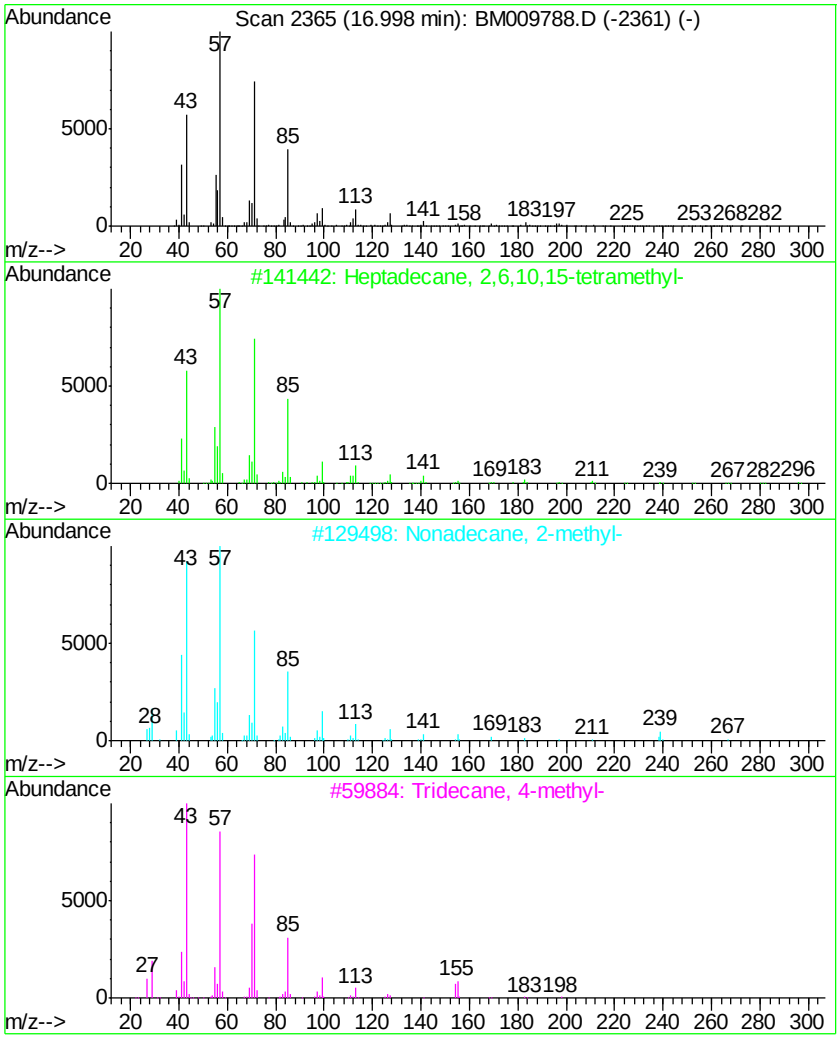
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

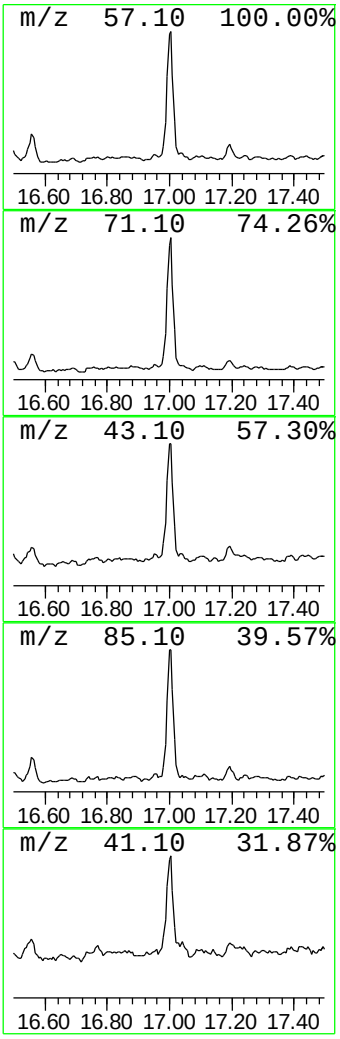
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	42.12 ng/ul	5060590	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

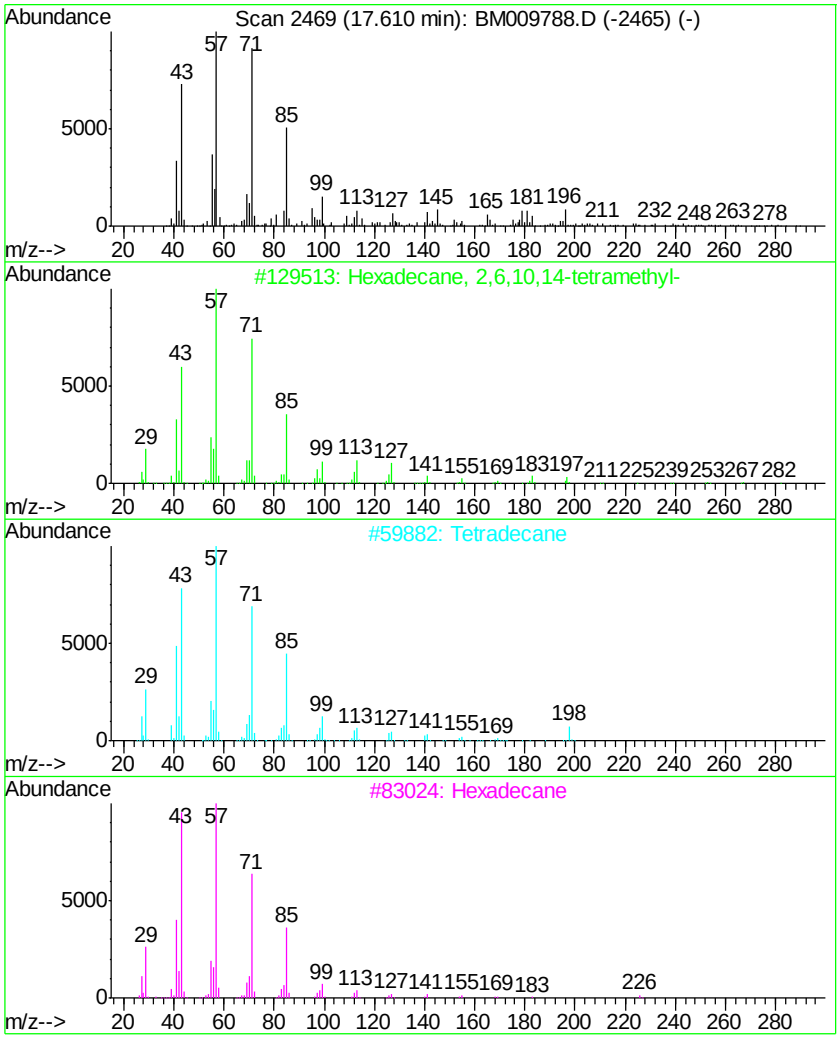
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

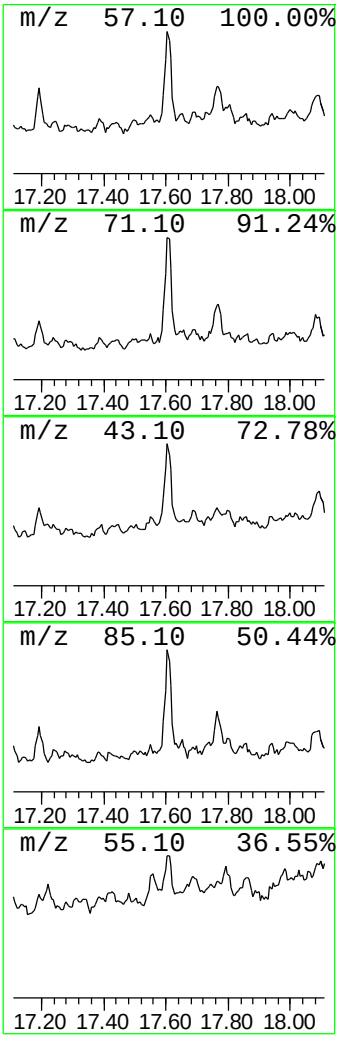
****

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	12.71 ng/ul	1527500	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Hexadecane	226	C16H34	000544-76-3	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5	Hexadecane	226	C16H34	000544-76-3	83





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

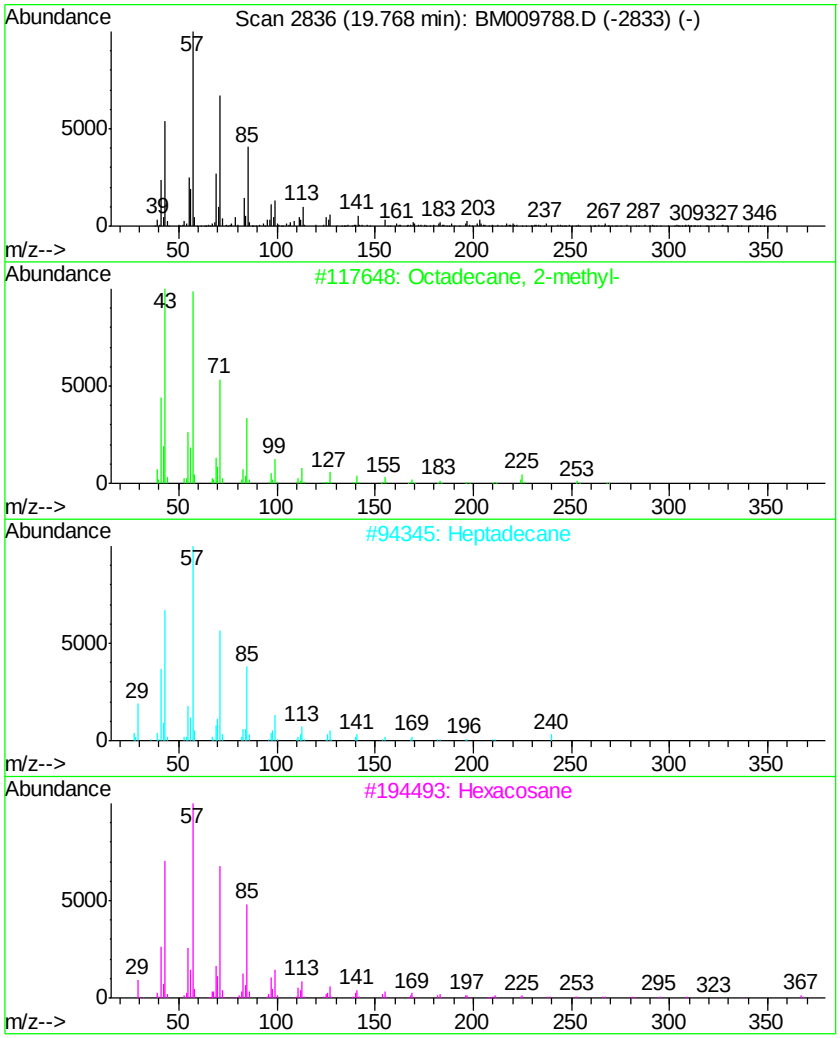
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

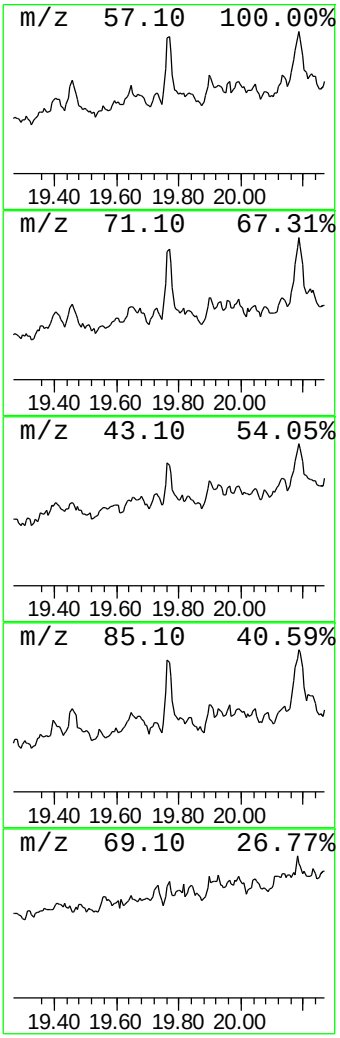
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	11.22 ng/ul	1863960	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Heptadecane	240	C17H36	000629-78-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Tetratetracontane	619	C44H90	007098-22-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042817\
Data File : BM009788.D
Acq On : 28 Apr 2017 19:51
Operator : SJ/MA
Sample : I2845-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHST1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,2,3-tr...	7.46	10.8	ng/ul	491685	1	7.82	909049	20.0
(DEL) Alkane: Str...	7.77	4.8	ng/ul	219486	1	7.82	909049	20.0
(DEL) Alkane: Str...	8.32	8.0	ng/ul	361404	1	7.82	909049	20.0
Benzene, 1-methyl...	8.35	12.8	ng/ul	582005	1	7.82	909049	20.0
Benzene, 1,3-diet...	8.45	19.0	ng/ul	865316	1	7.82	909049	20.0
Benzene, 2-ethyl-...	8.76	7.3	ng/ul	333065	1	7.82	909049	20.0
o-Cymene	8.81	6.6	ng/ul	298190	1	7.82	909049	20.0
Benzene, 4-ethyl-...	8.91	15.4	ng/ul	699890	1	7.82	909049	20.0
unknown-01	9.15	11.0	ng/ul	498761	1	7.82	909049	20.0
Benzene, 2-ethyl-...	9.25	4.2	ng/ul	575728	2	10.62	2758440	20.0
Benzene, 1-methyl...	9.43	4.4	ng/ul	609550	2	10.62	2758440	20.0
Benzene, 1,2,3,4-...	9.49	7.0	ng/ul	971536	2	10.62	2758440	20.0
Bicyclo[4.1.0]hep...	9.78	2.1	ng/ul	286906	2	10.62	2758440	20.0
(DEL) Alkane: Str...	9.86	5.1	ng/ul	708593	2	10.62	2758440	20.0
(DEL) Alkane: Str...	9.93	4.2	ng/ul	573579	2	10.62	2758440	20.0
Benzene, (1-methy...	10.01	7.2	ng/ul	988981	2	10.62	2758440	20.0
Benzene, 1-methyl...	10.07	2.1	ng/ul	295369	2	10.62	2758440	20.0
(DEL) Alkane: Str...	10.12	2.7	ng/ul	369653	2	10.62	2758440	20.0
unknown-02	10.37	2.2	ng/ul	301576	2	10.62	2758440	20.0
Benzene, pentamet...	10.82	3.4	ng/ul	464741	2	10.62	2758440	20.0
Naphthalene, 1,2,...	11.07	11.0	ng/ul	1516710	2	10.62	2758440	20.0
Naphthalene, 1,2,...	11.19	4.3	ng/ul	590510	2	10.62	2758440	20.0
(DEL) Alkane: Cyc...	11.29	13.3	ng/ul	1835600	2	10.62	2758440	20.0
Ethanone, 1-(2,2-...	11.42	6.0	ng/ul	820393	2	10.62	2758440	20.0
1H-Indene, 2,3-di...	11.52	6.2	ng/ul	860859	2	10.62	2758440	20.0
(DEL) Alkane: Str...	11.61	15.0	ng/ul	2062960	2	10.62	2758440	20.0
unknown-03	11.65	2.6	ng/ul	357238	2	10.62	2758440	20.0
Naphthalene, 1,2,...	11.80	17.1	ng/ul	2354100	2	10.62	2758440	20.0
(DEL) Alkane: Cyc...	11.87	3.6	ng/ul	495423	2	10.62	2758440	20.0
unknown-04	11.94	2.8	ng/ul	383223	2	10.62	2758440	20.0
(DEL) Alkane: Str...	12.97	19.1	ng/ul	3213990	3	14.47	3368180	20.0
(DEL) Alkane: Str...	14.97	6.8	ng/ul	1144630	3	14.47	3368180	20.0
(DEL) Alkane: Cyc...	15.34	3.7	ng/ul	628125	3	14.47	3368180	20.0
(DEL) Alkane: Str...	15.70	29.6	ng/ul	4986700	3	14.47	3368180	20.0
(DEL) Alkane: Str...	16.18	61.0	ng/ul	7324860	4	17.22	2402830	20.0
(DEL) Alkane: Str...	17.00	42.1	ng/ul	5060590	4	17.22	2402830	20.0
(DEL) Alkane: Str...	17.61	12.7	ng/ul	1527500	4	17.22	2402830	20.0
(DEL) Alkane: Str...	19.77	11.2	ng/ul	1863960	5	21.40	3323930	20.0