LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008325.D
Acq On : 15 Dec 2016 01:00
Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.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	5.363	462	472	484	rVB	411582	703928	8.68%	0.494%
2	6.328	631	636	643	rVV	284456	449693	5.54%	0.315%
3	7.016	748	753	757	rBV	478694	734194	9.05%	0.515%
4	7.075	757	763	771	rVB2	452054	871607	10.74%	0.611%
5	7.157	771	777	782	rBV2	396476	743120	9.16%	0.521%
6	7.210	782	786	798	rVV	474722	921838	11.36%	0.646%
7	7.316	798	804	812	rVB2	574015	1038089	12.80%	0.728%
8	7.498	830	835	842	rVB	592538	953209	11.75%	0.668%
9	7.669	853	864	870	rBV3	693097	1380448	17.02%	0.968%
10	7.740	870	876	879	rVV6	122466	290503	3.58%	0.204%
11	8.028	920	925	933	rBV2	675418	1388076	17.11%	0.973%
12	8.140	940	944	949	rVV2	198907	338379	4.17%	0.237%
13	8.192	949	953	962	rVV7	128945	298258	3.68%	0.209%
14	8.316	969	974	980	rVV	1729674	2782769	34.30%	1.951%
15	8.398	980	988	994	rVV3	390076	842582	10.39%	0.591%
16	8.457	994	998	1003	rVV5	197352	376930	4.65%	0.264%
17	8.628	1022	1027	1033	rBV3	556478	922391	11.37%	0.647%
18	8.734	1039	1045	1049	rBV2	617927	1152894	14.21%	0.808%
19	8.775	1049	1052	1057	rVV	774409	1196259	14.75%	0.839%
20	8.834	1057	1062	1068	rVV	782552	1230626	15.17%	0.863%
21	8.945	1073	1081	1085	rBV2	692887	1237707	15.26%	0.868%
22	9.016	1085	1093	1100	rVB4	723051	1943206	23.95%	1.362%
23	9.122	1100	1111	1118	rBV	594406	1763778	21.74%	1.237%
24	9.192	1118	1123	1134	rVB2	1794698	3719478	45.85%	2.608%
25	9.428	1158	1163	1169	rVB	411383	641130	7.90%	0.450%
26	9.545	1176	1183	1191	rBV5	867971	2010687	24.78%	1.410%
27	9.622	1192	1196	1198	rVV2	167688	309801	3.82%	0.217%
28	9.657	1198	1202	1205	rVV	672543	1161915	14.32%	0.815%
29	9.692	1205	1208	1213	rVV2	847066	1562363	19.26%	1.095%
30	9.745	1213	1217	1224	rVV	1059093	1803007	22.22%	1.264%
31	9.839	1224	1233	1241	rVV6	337891	1093570	13.48%	0.767%
32	9.922	1242	1247	1250	rVV4	154902	340076	4.19%	0.238%
33	9.963	1250	1254	1260	rVB3	259113	512890	6.32%	0.360%
34	10.098	1268	1277	1282	rBV5	1104710	2526287	31.14%	1.771%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008325.D
Acq On : 15 Dec 2016 01:00
Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Title : SVOA CALIBRATION

35	10.145	1283	1285	1291	rVB5	178066	295472	3.64%	0.207%
36	10.298	1306	1311	1314	rBV4	623368	1135038	13.99%	0.796%
37	10.345	1314	1319	1324	rVB4	858239	1854877	22.86%	1.300%
38	10.445	1324	1336	1340	rBV2	710747	1985572	24.47%	1.392%
39	10.498	1340	1345	1350	rBV2	652980	1271722	15.68%	0.892%
40	10.604	1357	1363	1370	rVB2	4737752	8112831	100.00%	5.688%
41	10.686	1373	1377	1388	rVB4	518634	1237726	15.26%	0.868%
42	10.810	1393	1398	1402	rBV2	1005590	1556387	19.18%	1.091%
43	10.857	1402	1406	1413	rVB	850707	1492571	18.40%	1.046%
44	10.922	1413	1417	1422	rBV2	229113	355465	4.38%	0.249%
45	10.980	1423	1427	1431	rVV4	242142	413889	5.10%	0.290%
46	11.039	1431	1437	1442	rVB4	456396	935460	11.53%	0.656%
47	11.175	1456	1460	1462	rVV2	203125	291673	3.60%	0.204%
48	11.210	1463	1466	1474	rVB2	470160	793955	9.79%	0.557%
49	11.333	1481	1487	1492	rVB5	769695	1387984	17.11%	0.973%
50	11.380	1492	1495	1500	rVB	193751	288286	3.55%	0.202%
51	11.486	1509	1513	1514	rBV2	267018	343763	4.24%	0.241%
52	11.586	1525	1530	1537	rBV3	710297	1332369	16.42%	0.934%
53	11.657	1537	1542	1546	rVV	1297971	1959676	24.16%	1.374%
54	11.775	1559	1562	1567	rVB2	273918	419711	5.17%	0.294%
55	11.828	1567	1571	1572	rBV3	248275	318229	3.92%	0.223%
56	11.863	1572	1577	1583	rVB	2251956	3516643	43.35%	2.466%
57	12.004	1596	1601	1608	rVB3	449177	962707	11.87%	0.675%
58	12.075	1608	1613	1615	rBV3	301352	511622	6.31%	0.359%
59	12.110	1616	1619	1624	rVV3	500453	873997	10.77%	0.613%
60	12.175	1624	1630	1637	rVV3	2457134	5252746	64.75%	3.683%
61	12.233	1637	1640	1645	rVV3	533855	846002	10.43%	0.593%
62	12.292	1646	1650	1651	rVV2	265030	384414	4.74%	0.270%
63	12.345	1652	1659	1664	rVB3	825604	2053201	25.31%	1.440%
64	12.463	1674	1679	1684	rVB	1194626	1710080	21.08%	1.199%
65	12.575	1695	1698	1702	rVB2	810054	1101107	13.57%	0.772%
66	12.657	1706	1712	1716	rBV2	1749116	2814080	34.69%	1.973%
67	12.722	1716	1723	1730	rBV5	1347755	3726258	45.93%	2.613%
68	12.904	1749	1754	1762	rVB7	366883	799945	9.86%	0.561%
69	12.992	1763	1769	1771	rBV	647810	1149902	14.17%	0.806%
70	13.063	1777	1781	1786	rBV5	270128	625671	7.71%	0.439%
71	13.110	1787	1789	1794	rVB	455722	560148	6.90%	0.393%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008325.D
Acq On : 15 Dec 2016 01:00
Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Title : SVOA CALIBRATION

72	13.286	1816	1819	1822	rBV2	250073	361605	4.46%	0.254%
73	13.457	1842	1848	1851	rBV3	809536	1415080	17.44%	0.992%
74	13.498	1851	1855	1861	rVV5	1044018	2364538	29.15%	1.658%
75	13.557	1861	1865	1868	rVV2	802930	1328421	16.37%	0.931%
76	13.598	1868	1872	1878	rVV2	2021251	3548174	43.74%	2.488%
77	13.692	1878	1888	1890	rVV5	961205	2671713	32.93%	1.873%
78	13.727	1890	1894	1901	rVB2	2531497	4069127	50.16%	2.853%
79	13.821	1905	1910	1916	rVB3	1164317	2081819	25.66%	1.460%
80	13.916	1923	1926	1931	rBV3	254603	348453	4.30%	0.244%
81	14.004	1936	1941	1949	rBV	1648233	2735128	33.71%	1.918%
82	14.310	1988	1993	1998	rBV	1029045	1554441	19.16%	1.090%
83	14.369	1999	2003	2007	rVV5	440996	722419	8.90%	0.506%
84	14.416	2007	2011	2018	rVV2	545472	1006286	12.40%	0.706%
85	14.651	2046	2051	2052	rBV2	256606	402629	4.96%	0.282%
86	14.863	2084	2087	2094	rVB3	268601	424806	5.24%	0.298%
87	14.951	2099	2102	2106	rBV4	166197	279626	3.45%	0.196%
88	15.216	2143	2147	2157	rBV9	253233	738857	9.11%	0.518%
89	15.310	2158	2163	2168	rVV	1813059	2564270	31.61%	1.798%
90	15.463	2185	2189	2195	rBV2	617482	1039286	12.81%	0.729%
91	15.539	2198	2202	2206	rVB4	248945	394482	4.86%	0.277%
92	15.768	2237	2241	2246	rVB3	331208	455558	5.62%	0.319%
93	16.745	2404	2407	2415	rVB2	194860	333594	4.11%	0.234%
94	17.062	2457	2461	2468	rVB	1201746	1770522	21.82%	1.241%
95	17.162	2473	2478	2488	rVB2	2029006	3030522	37.35%	2.125%
96	17.268	2490	2496	2501	rBV2	917612	1531185	18.87%	1.074%
97	19.462	2864	2869	2879	rBV	2392801	3495134	43.08%	2.450%
98	21.262	3170	3175	3185	rBV	1652850	2224524	27.42%	1.560%
99	23.350	3524	3530	3543	rVB2	1895335	3643172	44.91%	2.554%
100	23.491	3548	3554	3563	rVB	1117201	2181937	26.89%	1.530%

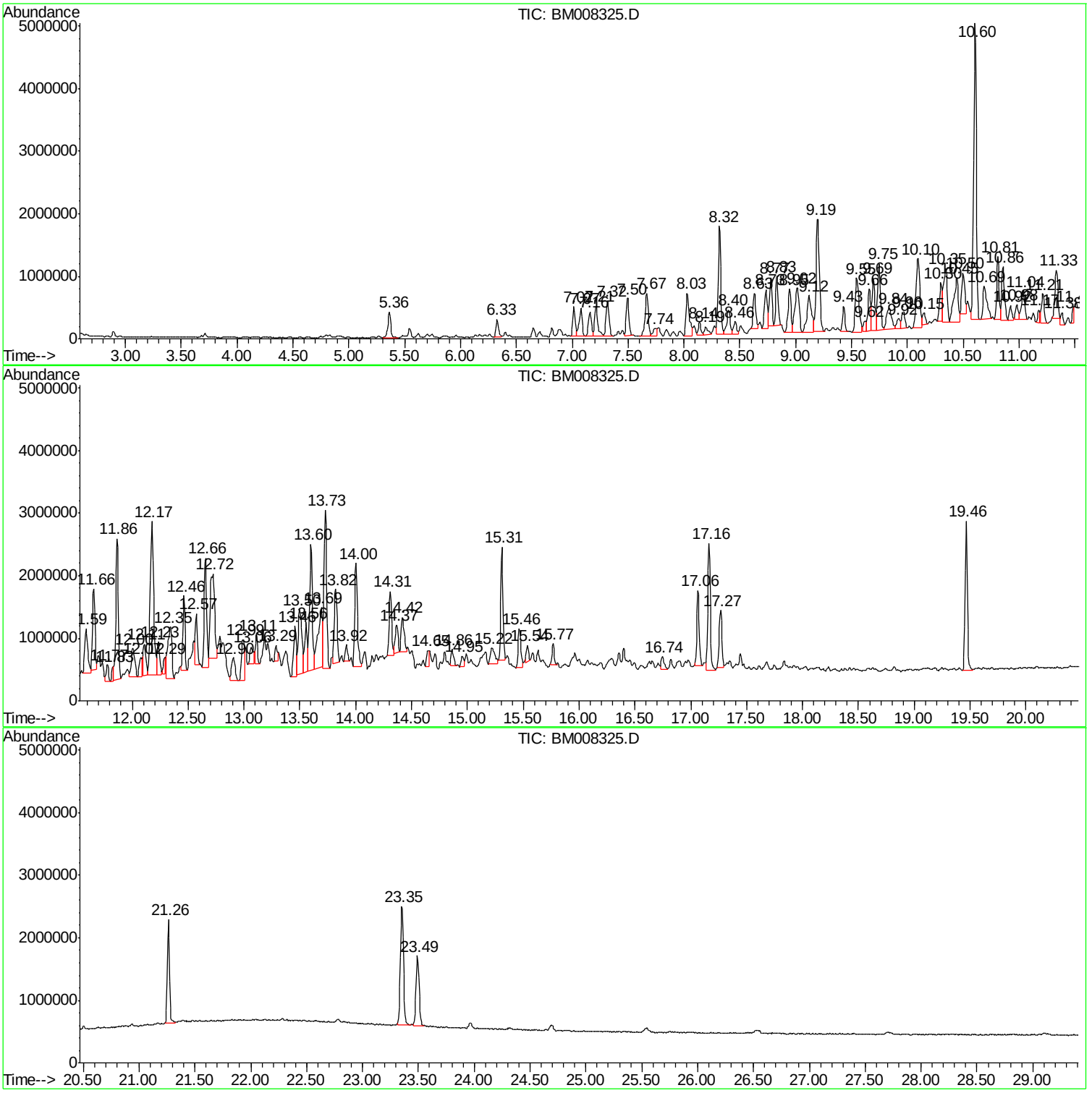
Sum of corrected areas: 142630175

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008325.D
Acq On : 15 Dec 2016 01:00
Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008325.D
Acq On : 15 Dec 2016 01:00
Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

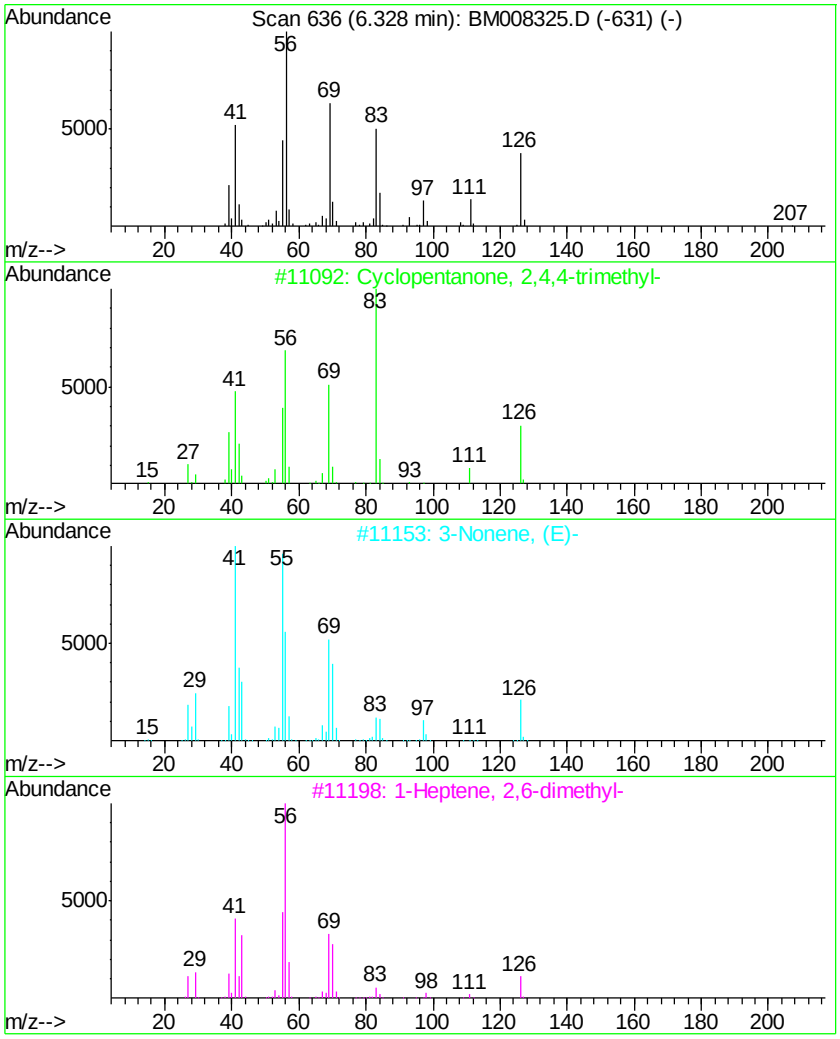
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

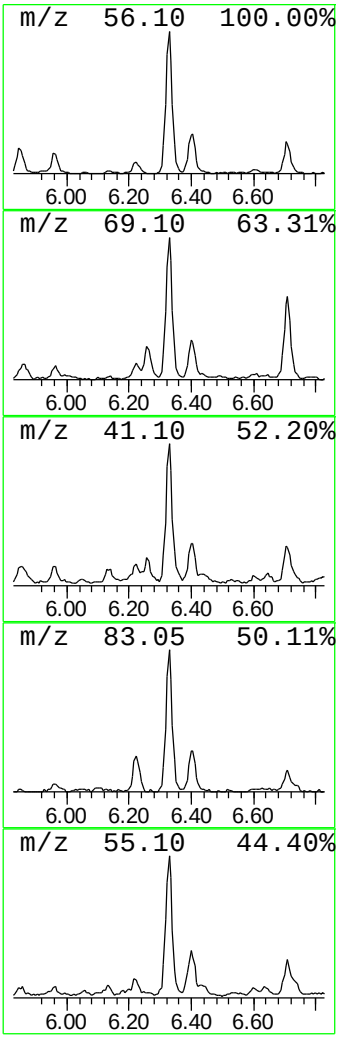
****

Peak Number 2 Cyclopentanone, 2,4,4-trime... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	6.52 ng/ul	449693	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2,4,4-trimethyl-	126	C8H14O	004694-12-6	58
2	3-Nonene, (E)-	126	C9H18	020063-92-7	52
3	1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	50
4	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	50
5	cis-3,5-Dimethylcyclohexanone	126	C8H14O	007214-49-5	47





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008325.D
Acq On : 15 Dec 2016 01:00
Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

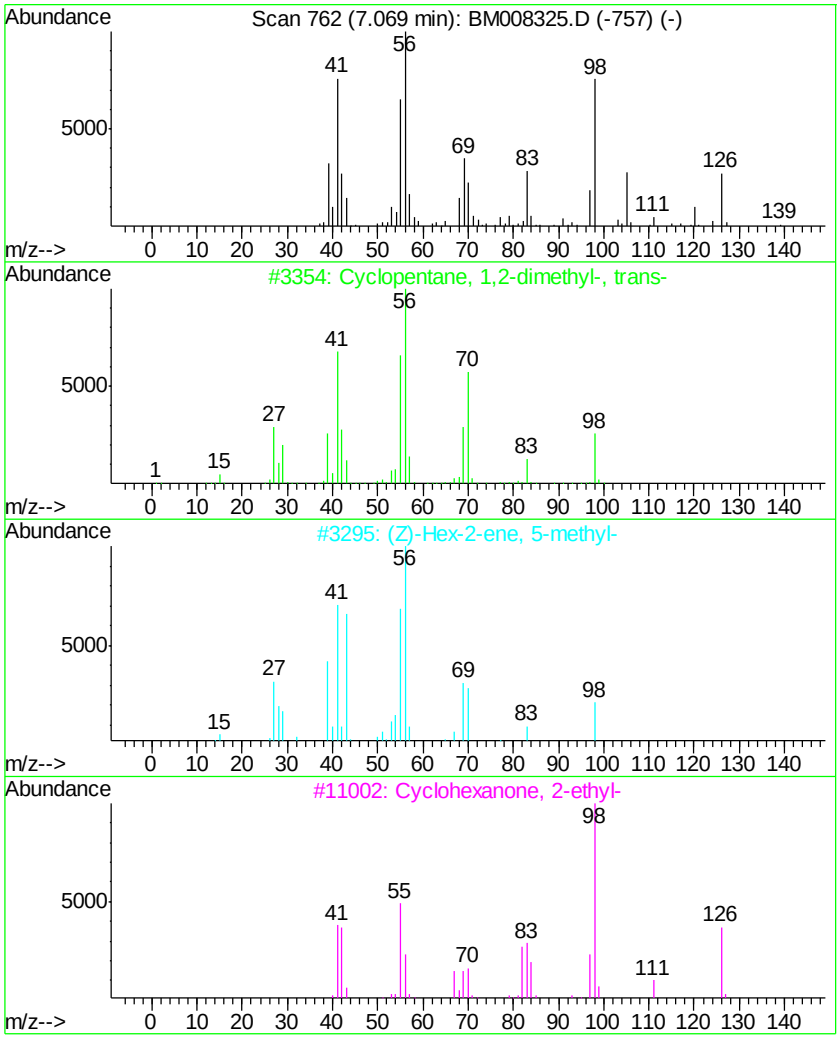
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

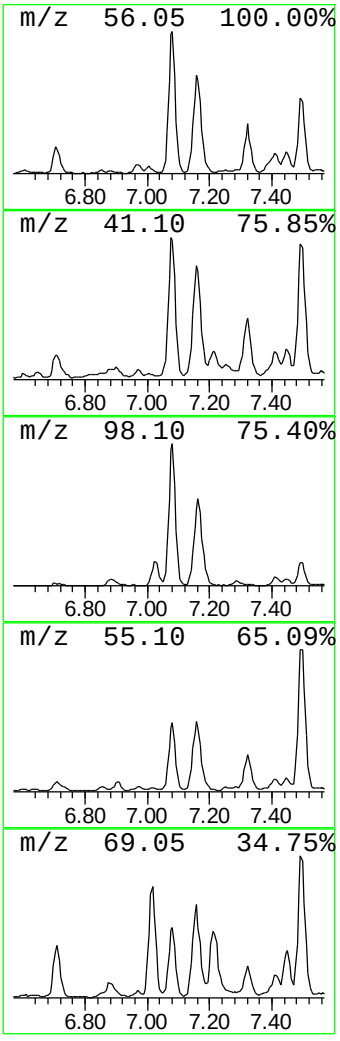
****

Peak Number 3 (DEL) Alkane: Cyclic7.07 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	12.63 ng/ul	871607	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	68
2	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	53
3	Cyclohexanone, 2-ethyl-	126	C8H14O	004423-94-3	50
4	1,3-Cyclopentanedione, 4-ethyl-	126	C7H10O2	057157-03-6	47
5	1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	46





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008325.D
Acq On : 15 Dec 2016 01:00
Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

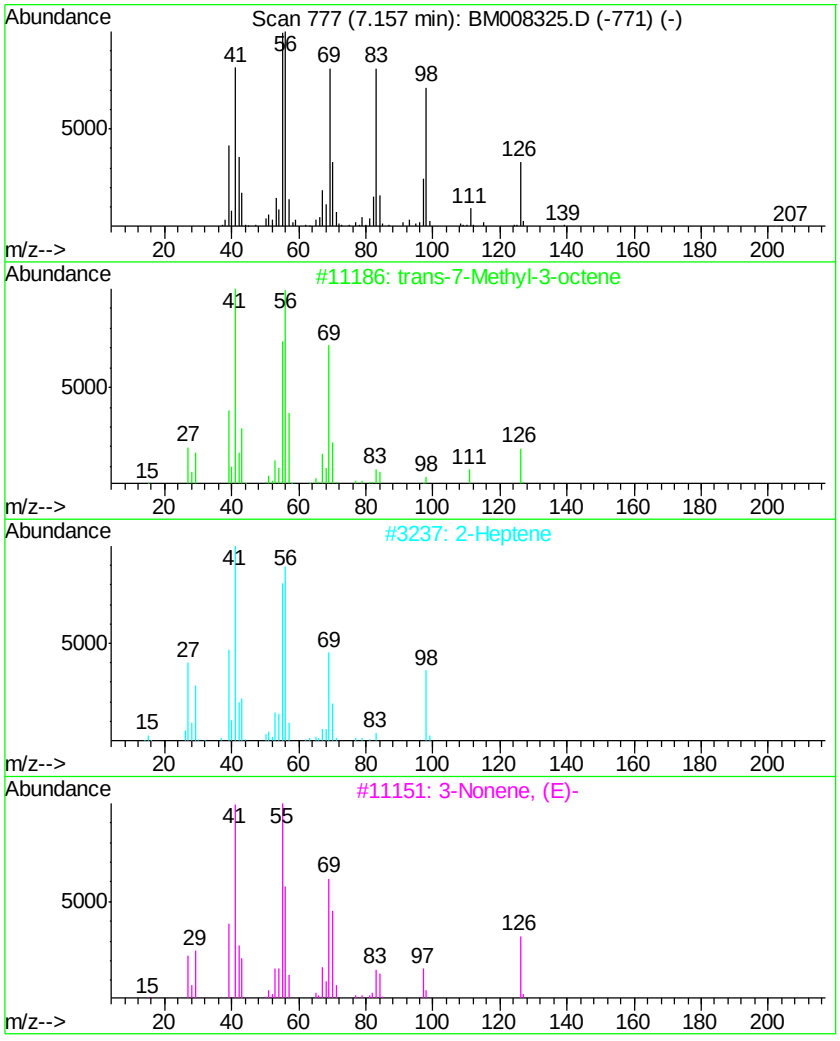
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

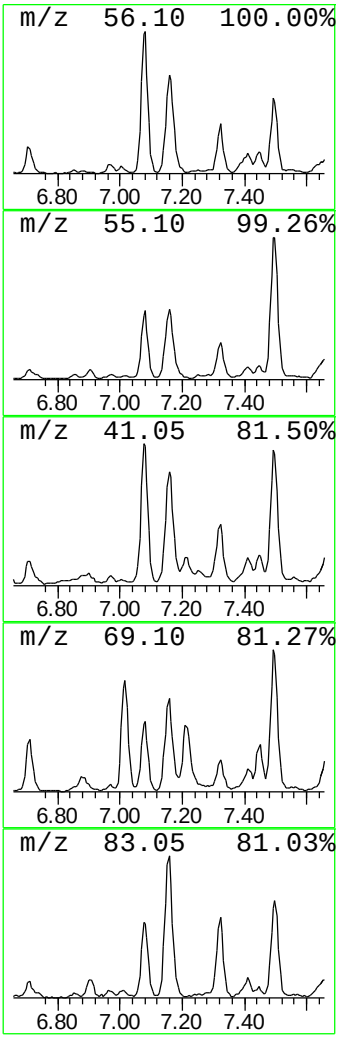
****

Peak Number 4 (DEL) Alkane: Cyclic7.16 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	10.77 ng/ul	743120	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-7-Methyl-3-octene	126	C9H18	1000113-52-8	60
2	2-Heptene	98	C7H14	000592-77-8	58
3	3-Nonene, (E)-	126	C9H18	020063-92-7	55
4	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	50
5	3-Heptene	98	C7H14	000592-78-9	49





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008325.D
Acq On : 15 Dec 2016 01:00
Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

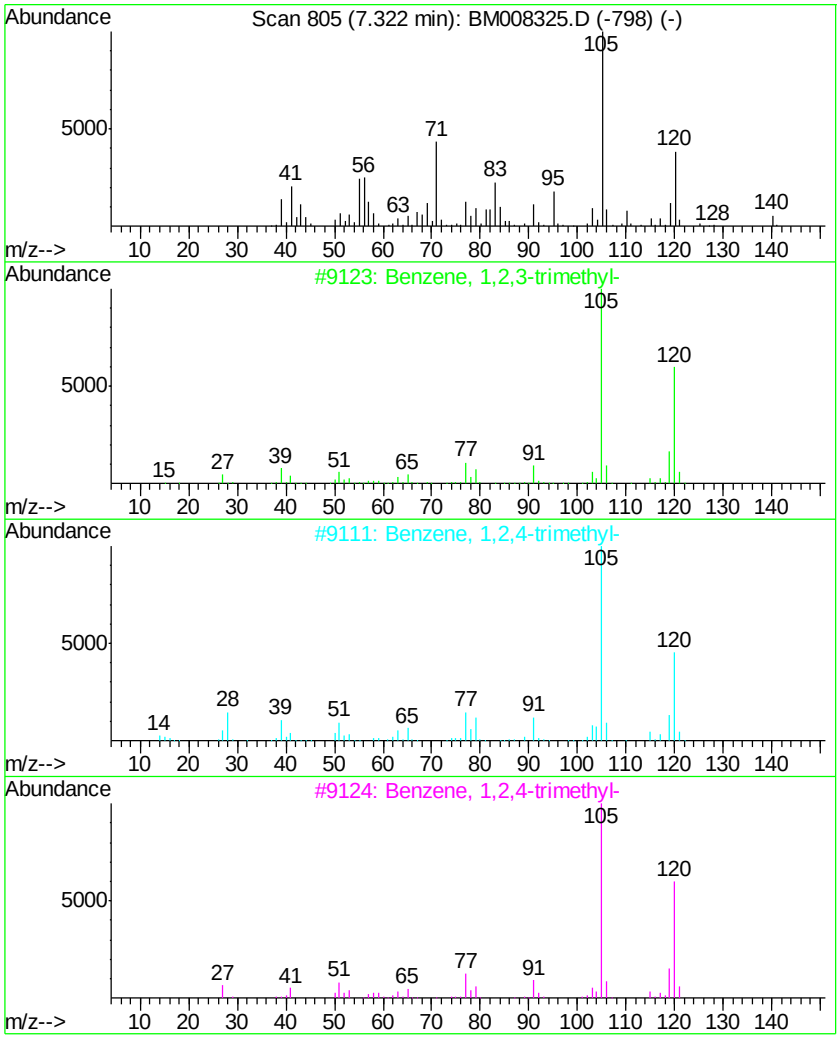
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

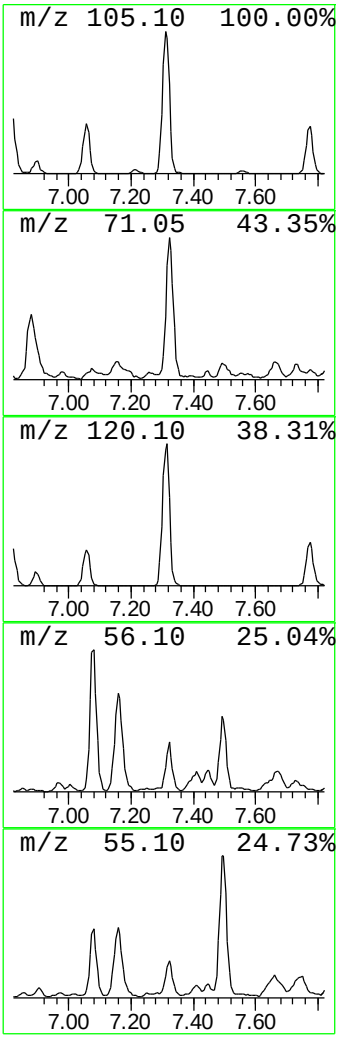
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	15.04 ng/ul	1038090	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008325.D
Acq On : 15 Dec 2016 01:00
Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

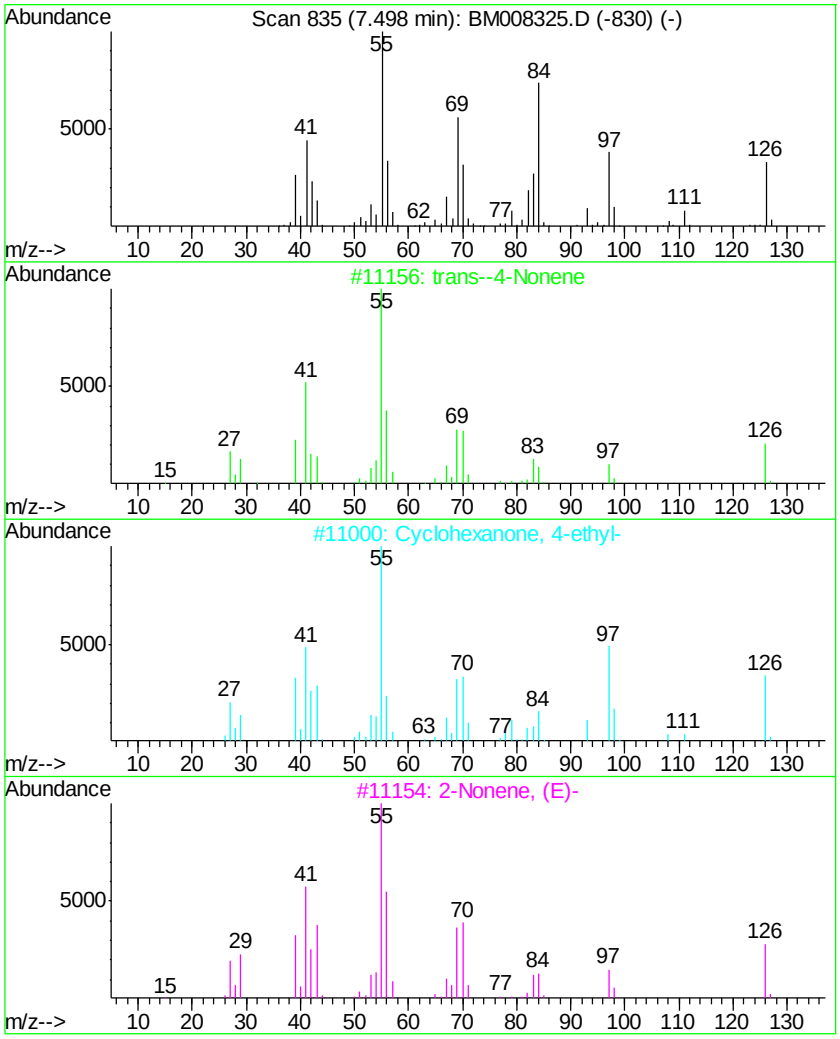
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

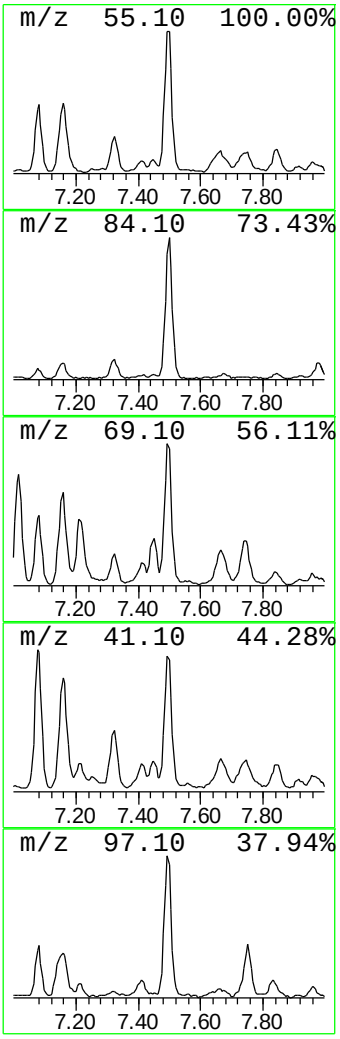
****

Peak Number 6 (DEL) Alkane: Cyclic7.50 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	13.81 ng/ul	953209	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans--4-Nonene	126	C9H18	010405-85-3	49
2	Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	45
3	2-Nonene, (E)-	126	C9H18	006434-78-2	45
4	cis-4-Nonene	126	C9H18	010405-84-2	43
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	43





Library Search Compound Report

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Acq On : 15 Dec 2016 01:00
Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

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Quant Title : SVOA CALIBRATION

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

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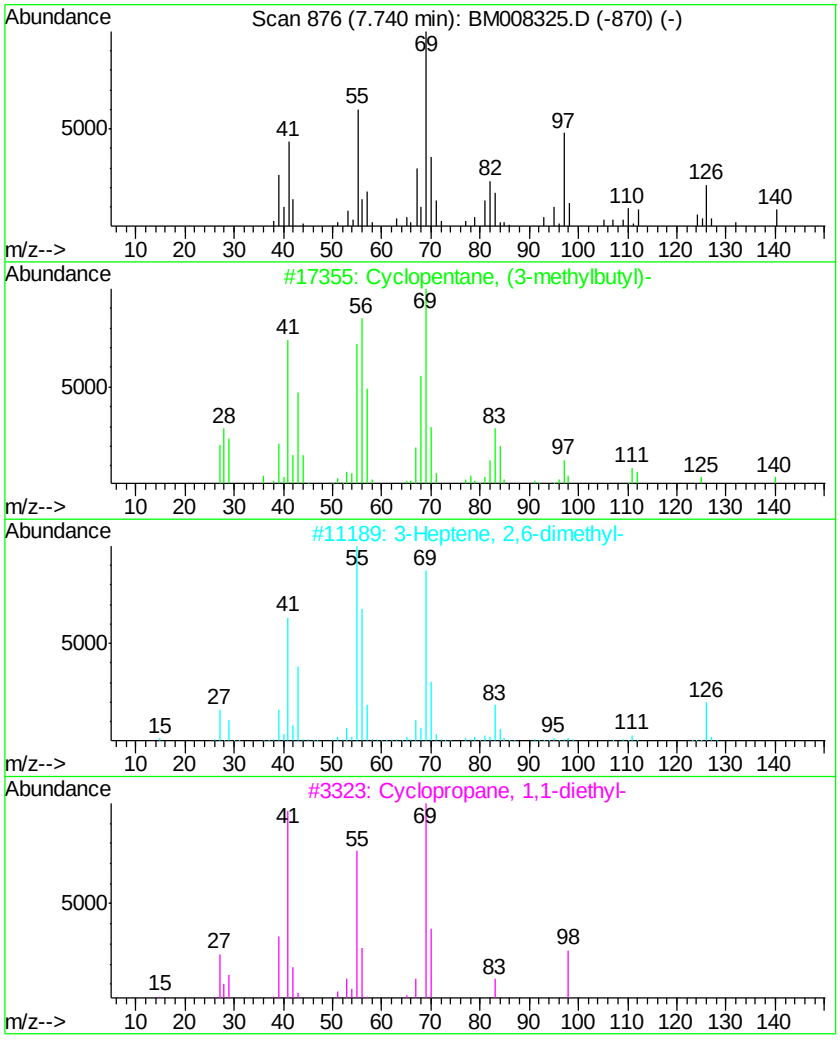
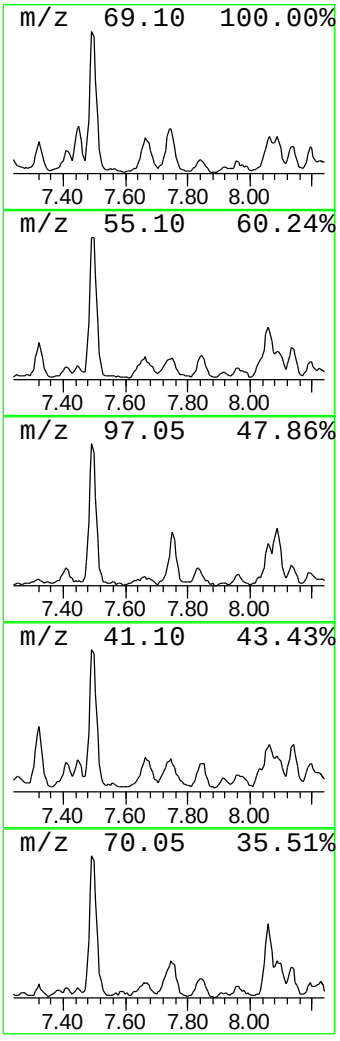
Peak Number 7 (DEL) Alkane: Cyclic7.74 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	4.21 ng/ul	290503	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (3-methylbutyl)-	140	C10H20	001005-68-1	47
2	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	46
3	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
5	3,4-Dimethyl cyclohexanone	126	C8H14O	005465-09-8	38





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Instrument : BNA_M
ClientSampleId : DA887

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Quant Title : SVOA CALIBRATION

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

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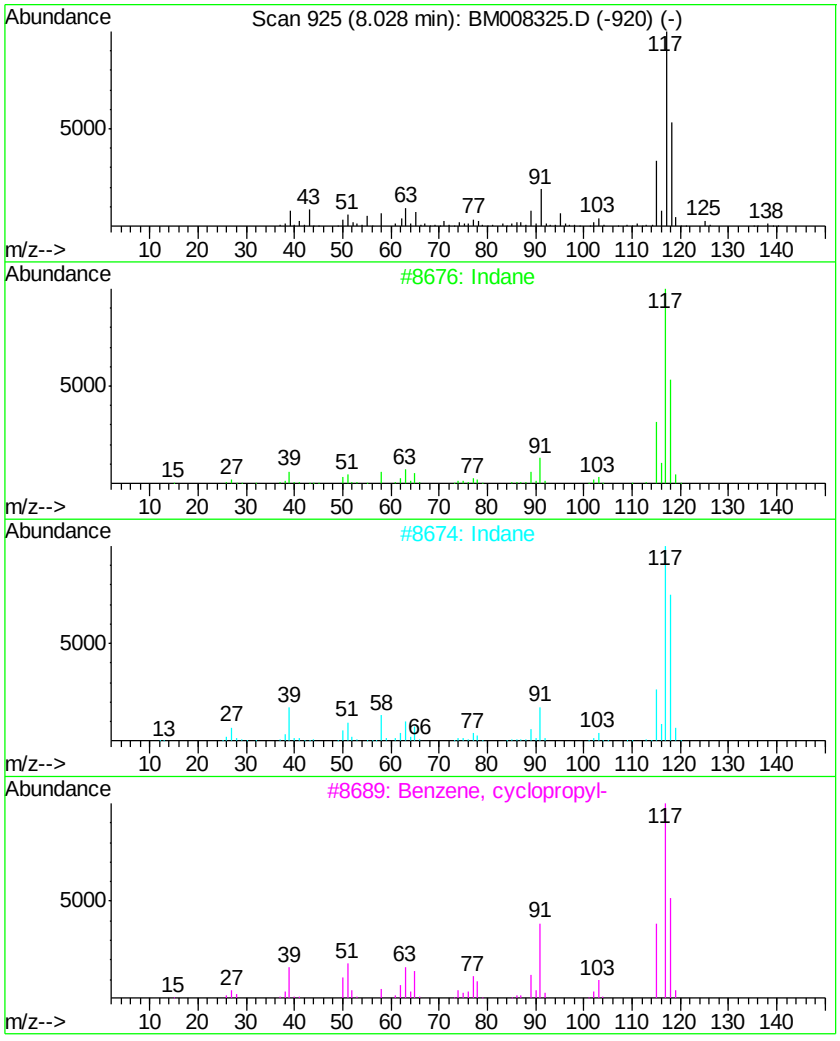
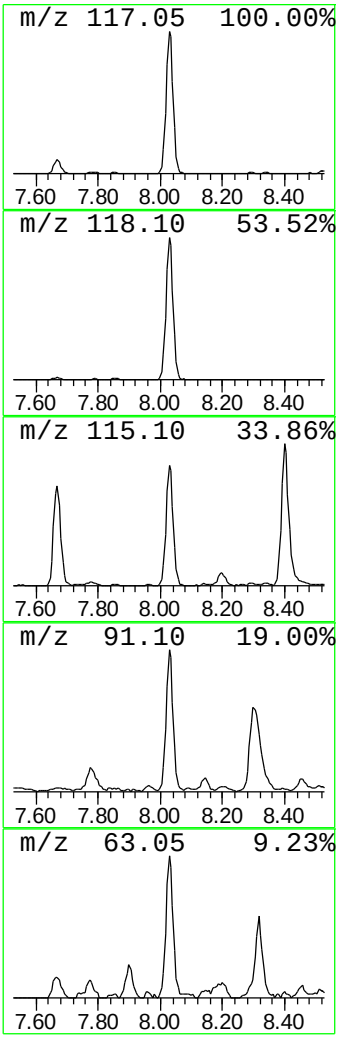
Peak Number 8 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	20.11 ng/ul	1388080	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Library Search Compound Report

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ClientSampleId : DA887

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Quant Title : SVOA CALIBRATION

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

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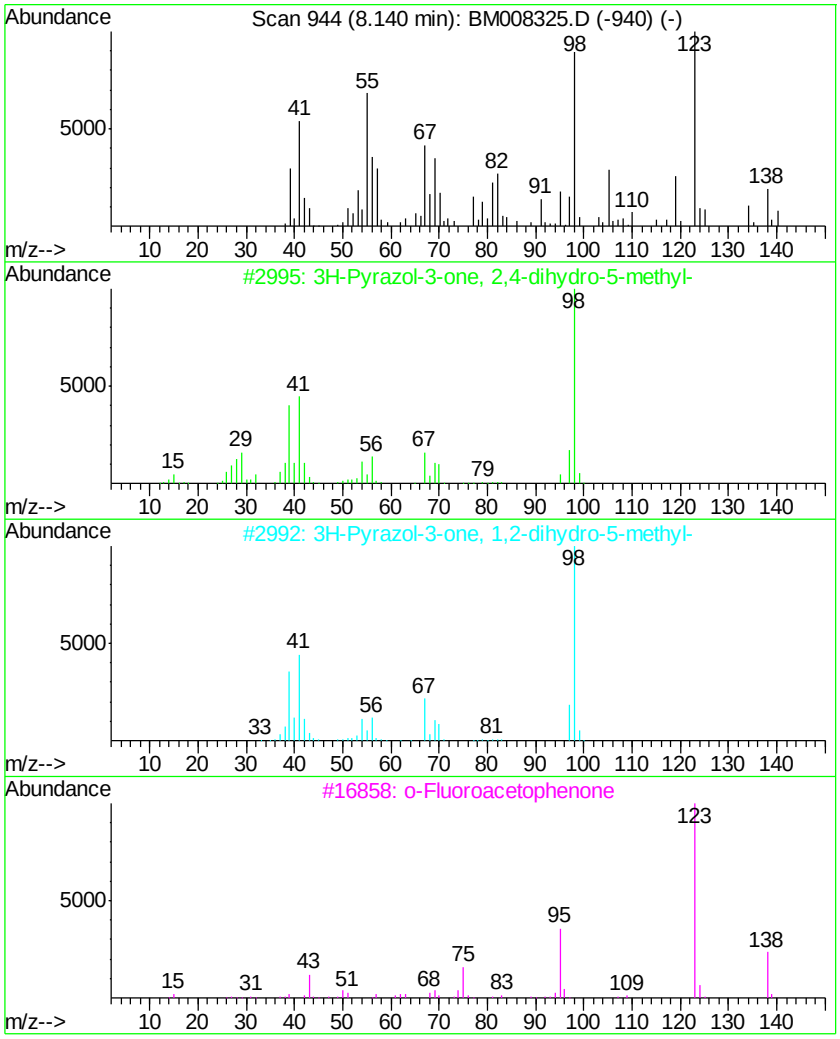
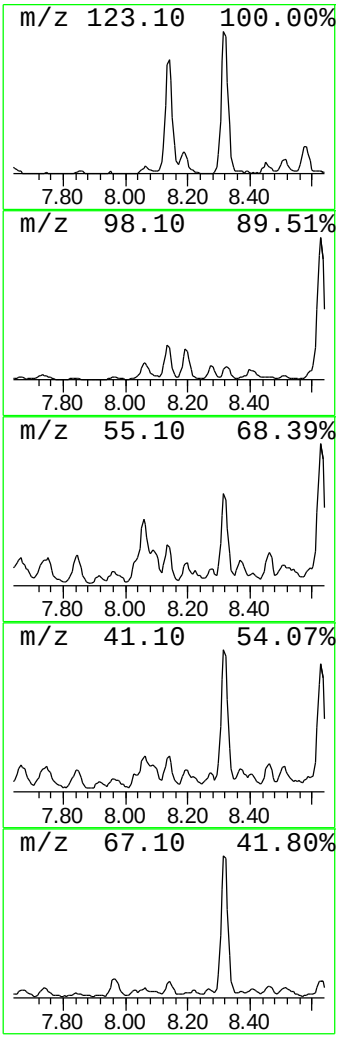
Peak Number 9 unknown-01 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	4.90 ng/ul	338379	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Pyrazol-3-one, 2,4-dihydro-5-...	98	C4H6N2O	000108-26-9	35
2	3H-Pyrazol-3-one, 1,2-dihydro-5-...	98	C4H6N2O	004344-87-0	30
3	o-Fluoroacetophenone	138	C8H7FO	000445-27-2	27
4	2-Cyclopenten-1-one, 3,4,5,5-tet...	138	C9H14O	090611-02-2	27
5	5-t-Butyl-4-methylimidazole	138	C8H14N2	146979-50-2	25





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Acq On : 15 Dec 2016 01:00
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Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

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Quant Title : SVOA CALIBRATION

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

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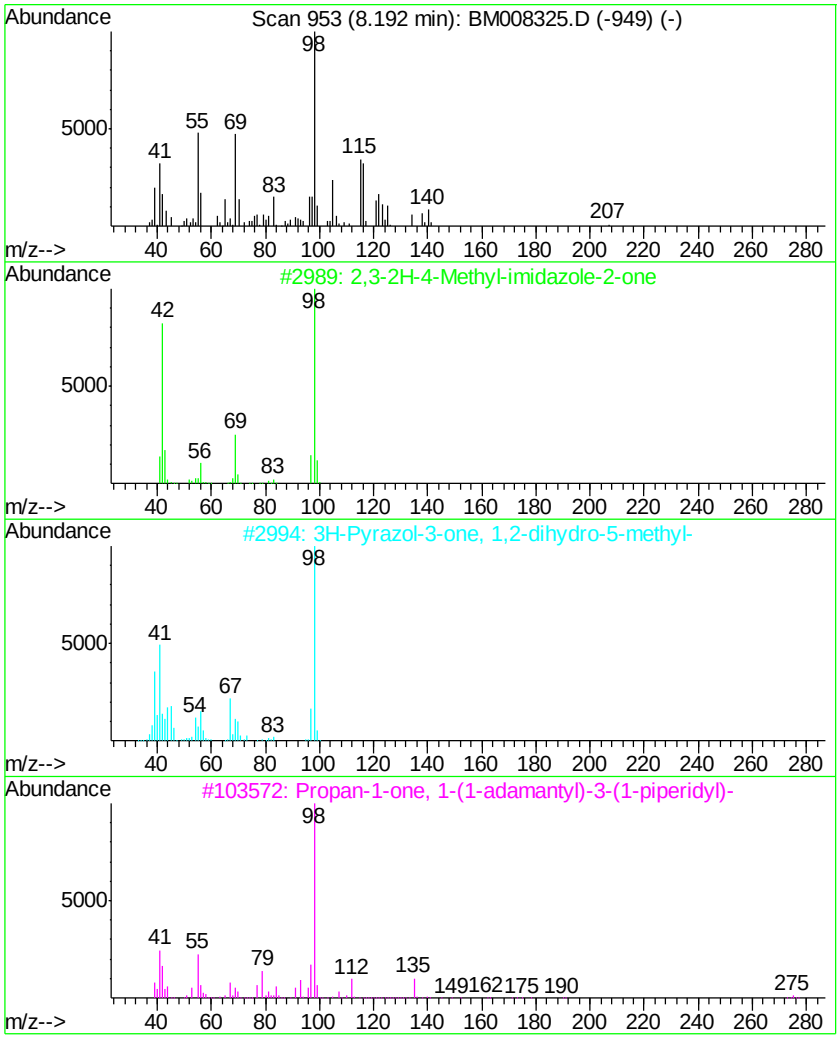
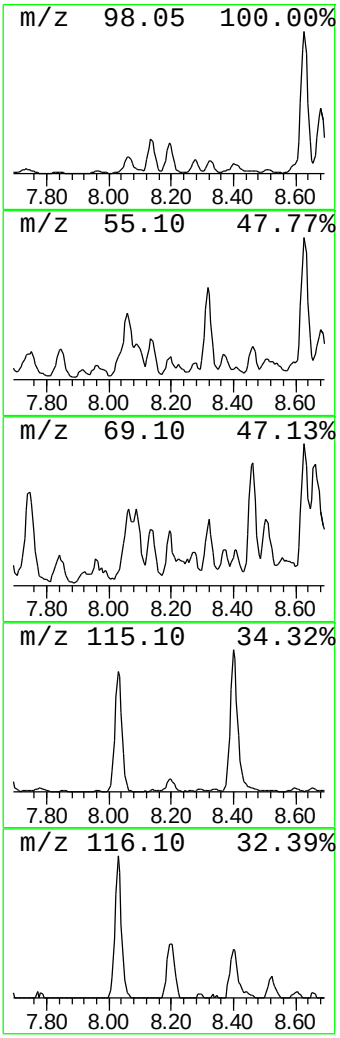
Peak Number 10 unknown-02 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	4.32 ng/ul	298258	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-2H-4-Methyl-imidazole-2-one	98	C4H6N2O	039799-77-4	45
2	3H-Pyrazol-3-one, 1,2-dihydro-5-...	98	C4H6N2O	004344-87-0	43
3	Propan-1-one, 1-(1-adamantyl)-3-...	275	C18H29NO	1000260-41-9	38
4	1-Propanone, 1-(1,3-benzodioxol-...	261	C15H19NO3	030418-51-0	38
5	Cyclohexanone, 2-(4,4,4-trichlor...	256	C10H15Cl3O	1000115-25-1	37





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Instrument : BNA_M
ClientSampleId : DA887

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Quant Title : SVOA CALIBRATION

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

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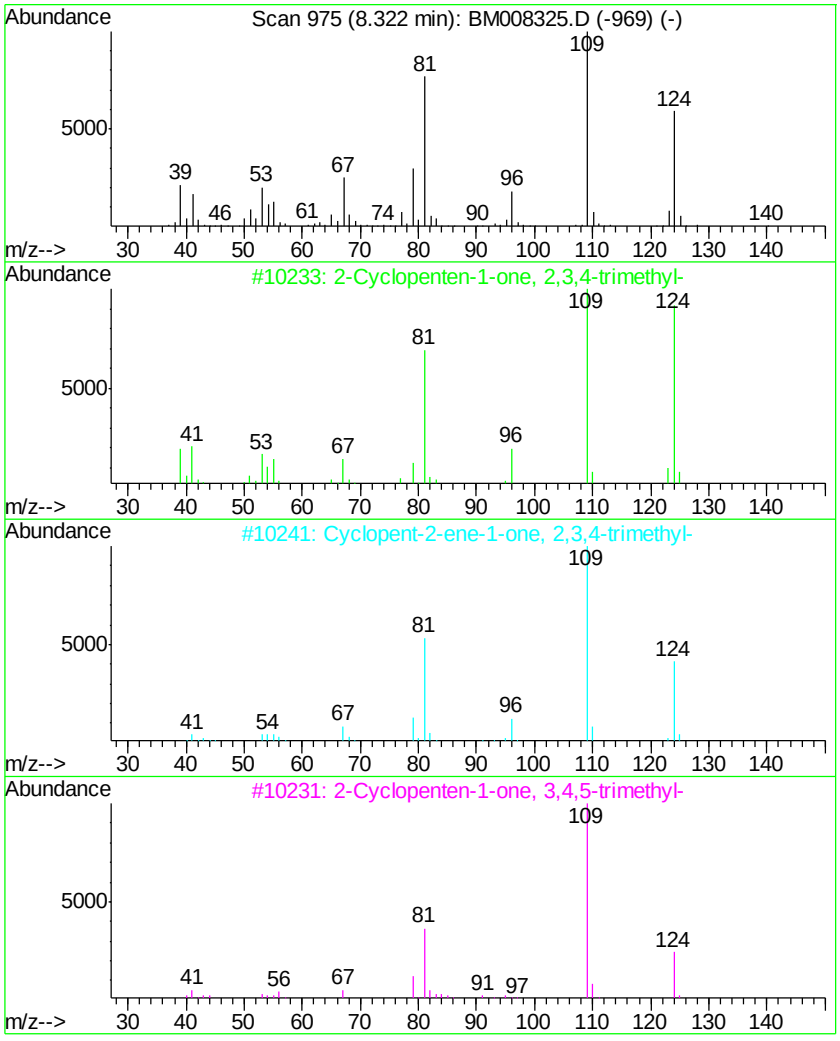
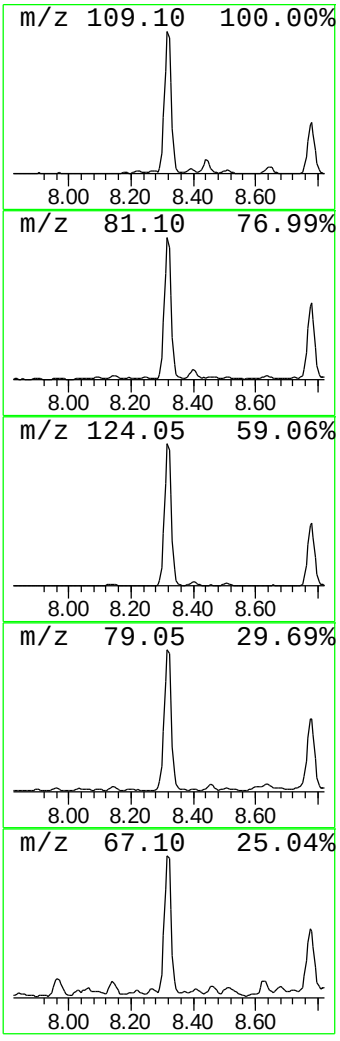
Peak Number 11 2-Cyclopenten-1-one, 2,3,4-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	40.32 ng/ul	2782770	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	93
2	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	87
3	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	83
4	Mequinol	124	C7H8O2	000150-76-5	81
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	81





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ClientSampleId : DA887

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Quant Title : SVOA CALIBRATION

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

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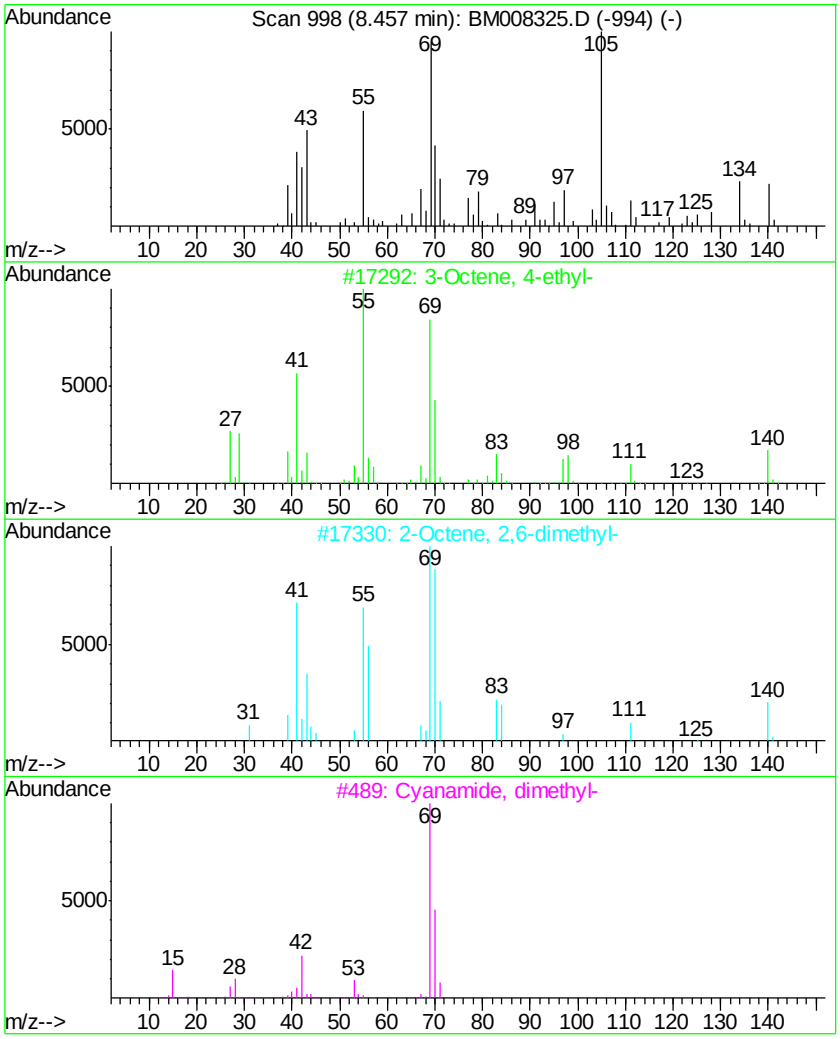
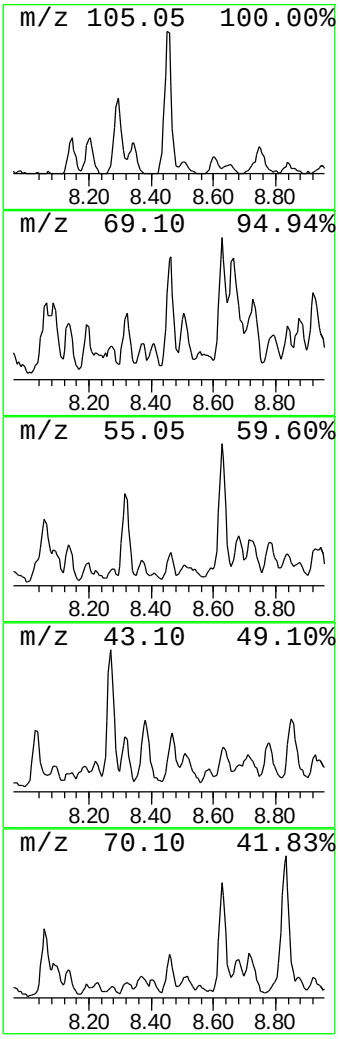
Peak Number 12 (DEL) Alkane: Cyclic8.46 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	5.46 ng/ul	376930	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	50
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	43
3	Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	38
4	3-Ethyl-3-octene	140	C10H20	019781-31-8	38
5	2-Octene, 4-ethyl-	140	C10H20	053966-52-2	38





Library Search Compound Report

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Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

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Quant Title : SVOA CALIBRATION

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

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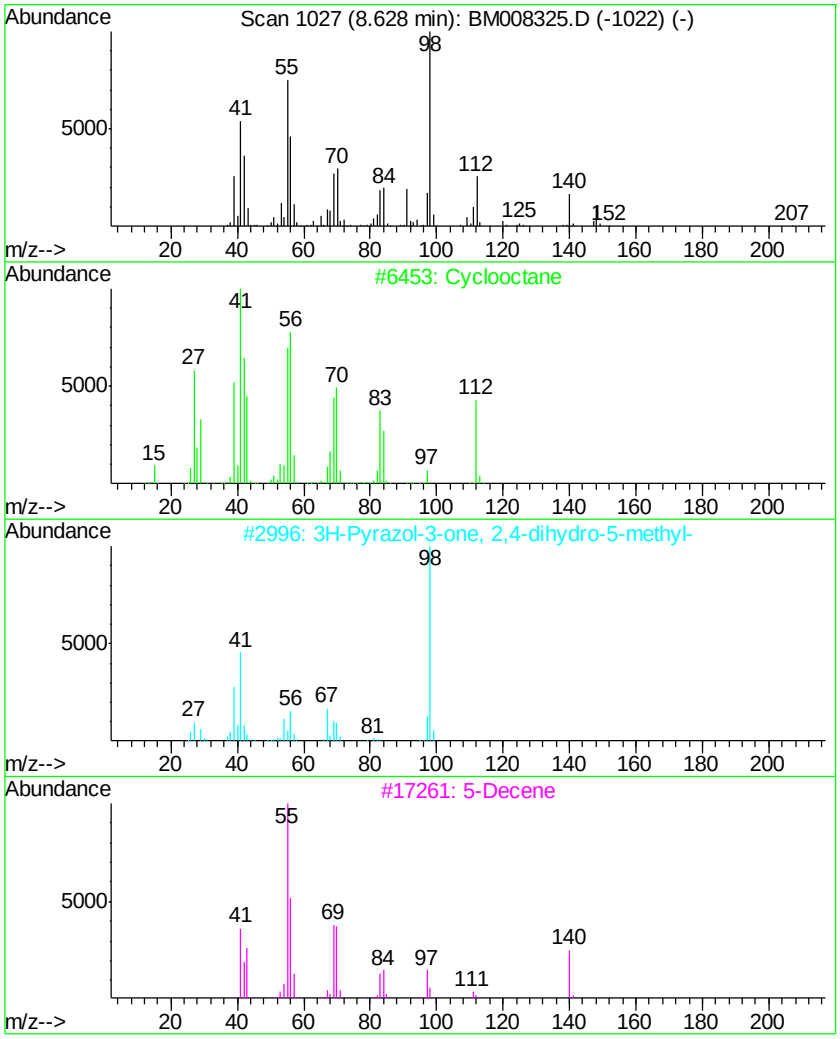
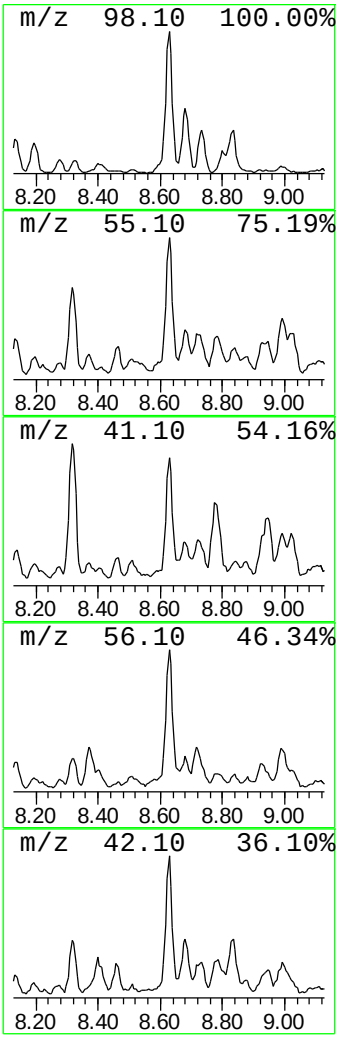
Peak Number 13 (DEL) Alkane: Cyclic8.63 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	13.36 ng/ul	922391	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane	112	C8H16	000292-64-8	83
2	3H-Pyrazol-3-one, 2,4-dihydro-5-...	98	C4H6N2O	000108-26-9	49
3	5-Decene	140	C10H20	019689-19-1	43
4	2-Octene, (Z)-	112	C8H16	007642-04-8	41
5	cis-4-Decene	140	C10H20	019398-88-0	38





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Instrument : BNA_M
ClientSampleId : DA887

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Quant Title : SVOA CALIBRATION

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

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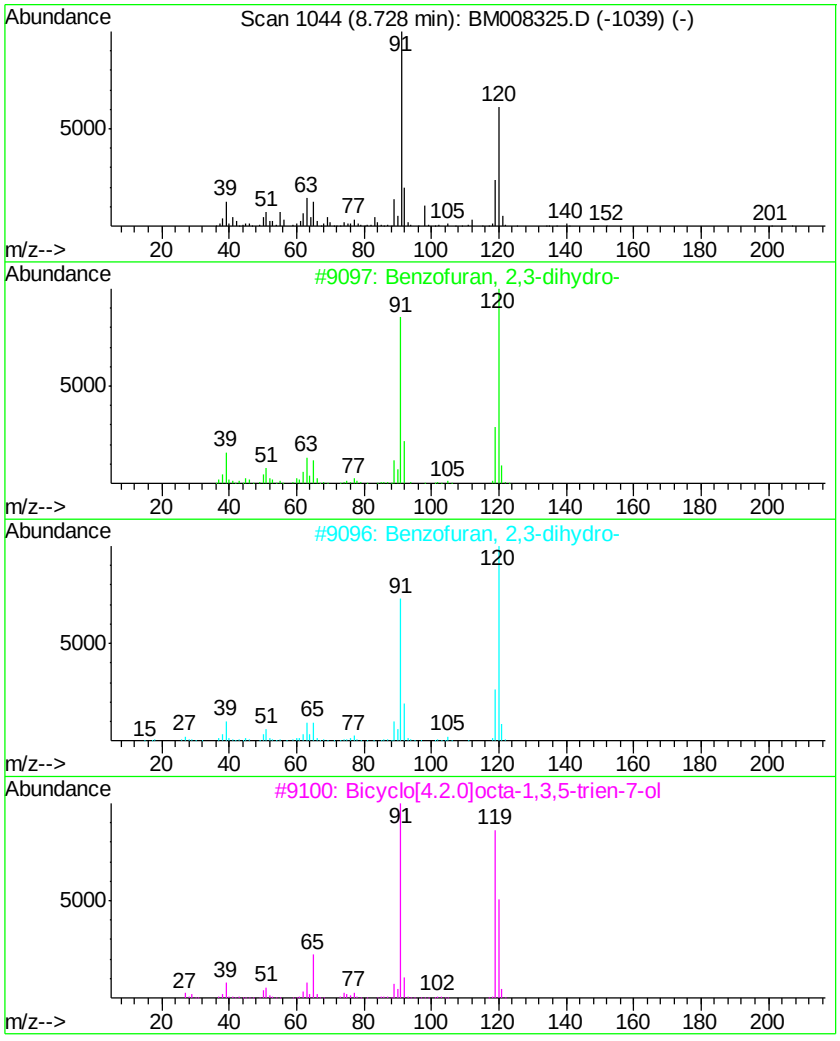
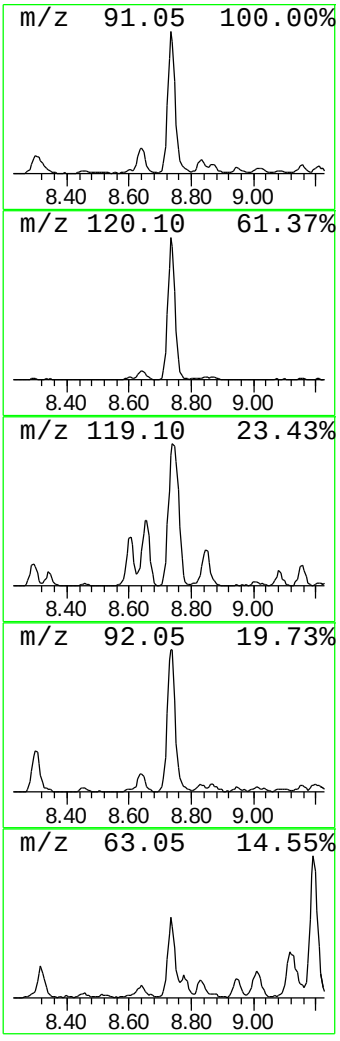
Peak Number 14 Benzofuran, 2,3-dihydro- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	16.70 ng/ul	1152890	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	91
2	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	87
3	Bicyclo[4.2.0]octa-1,3,5-trien-7-ol	120	C8H8O	035447-99-5	58
4	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	53
5	n-Butylbenzylamine	163	C11H17N	002403-22-7	50





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Instrument : BNA_M
ClientSampleId : DA887

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Quant Title : SVOA CALIBRATION

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

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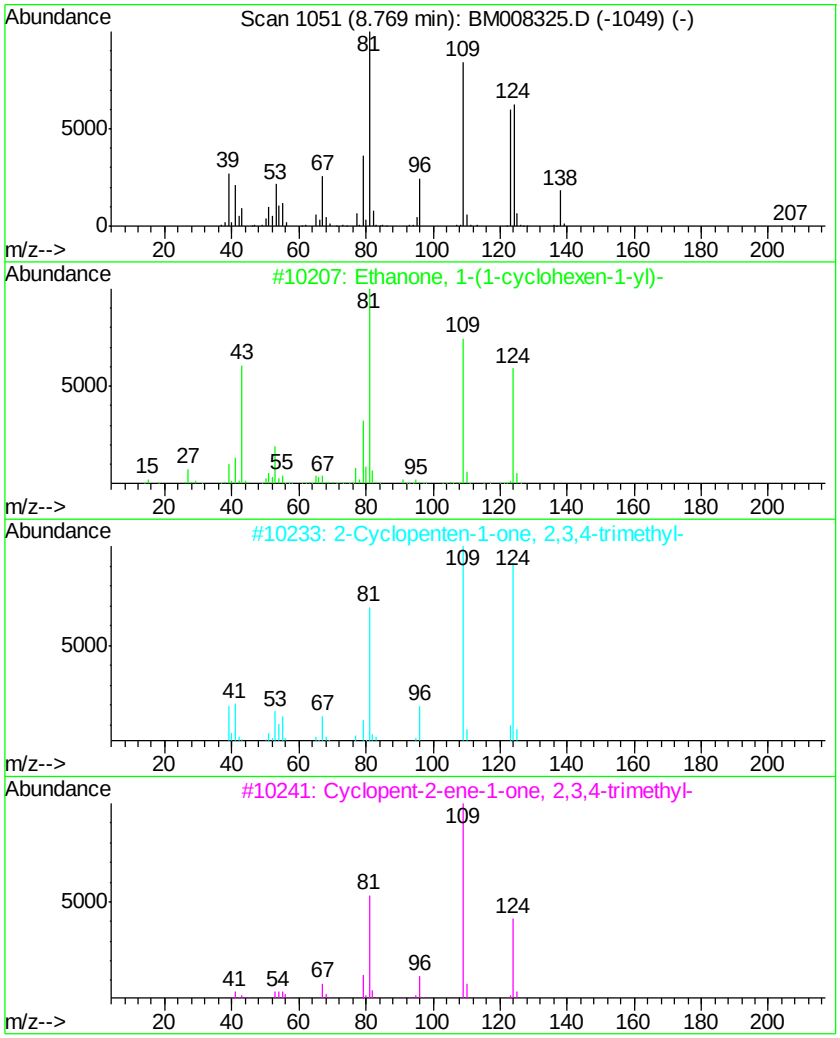
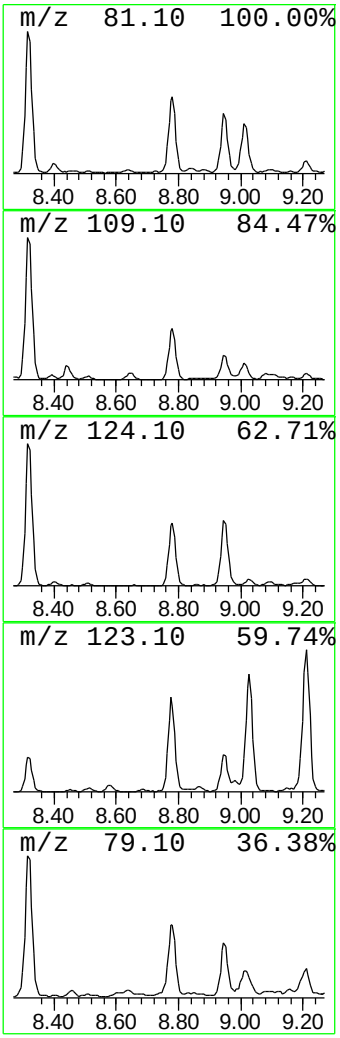
Peak Number 15 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	17.33 ng/ul	1196260	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	89
2	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	81
3	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	72
4	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	64
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	62





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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

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Quant Title : SVOA CALIBRATION

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

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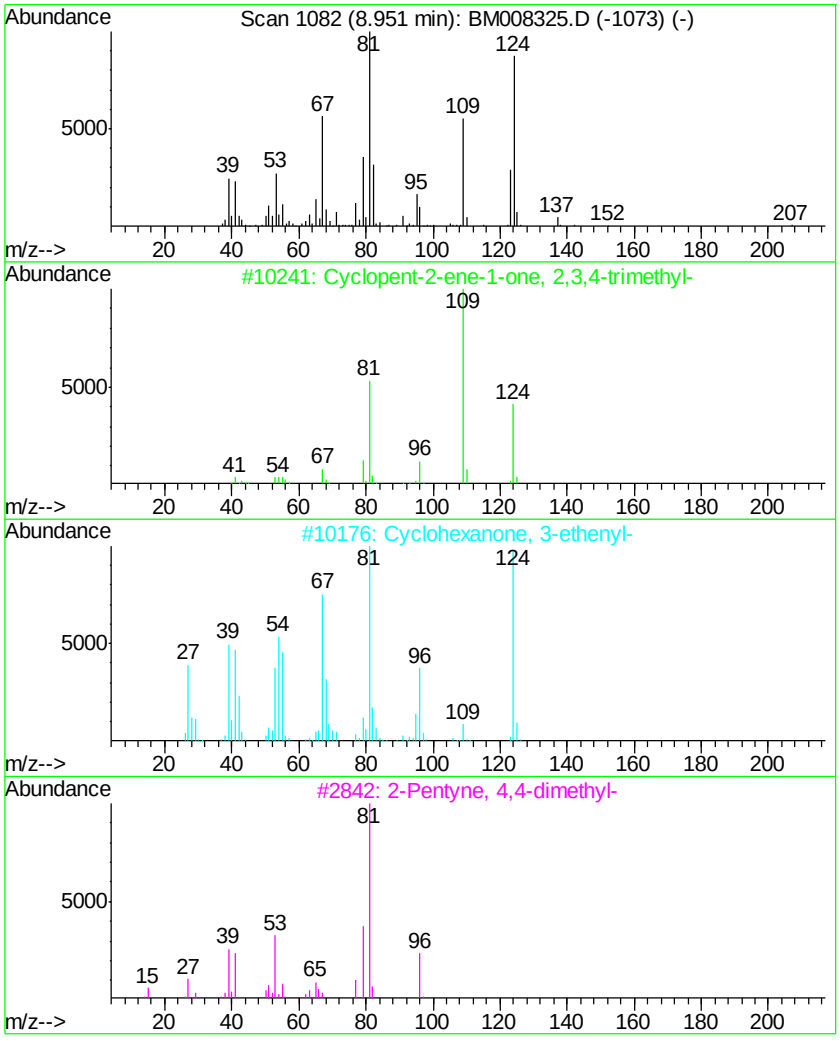
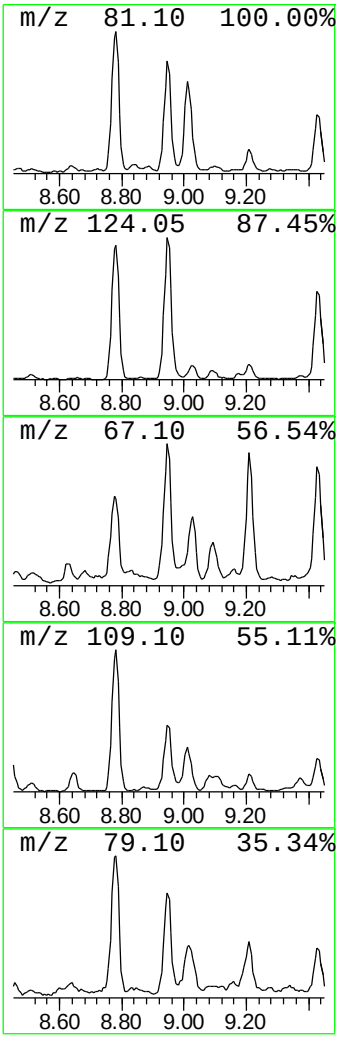
Peak Number 16 Cyclopent-2-ene-1-one, 2,3,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	17.93 ng/ul	1237710	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	68
2	Cyclohexanone, 3-ethenyl-	124	C8H12O	001740-63-2	59
3	2-Pentyne, 4,4-dimethyl-	96	C7H12	000999-78-0	38
4	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	35
5	3-Fluoro-o-xylene	124	C8H9F	000443-82-3	30





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Quant Title : SVOA CALIBRATION

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

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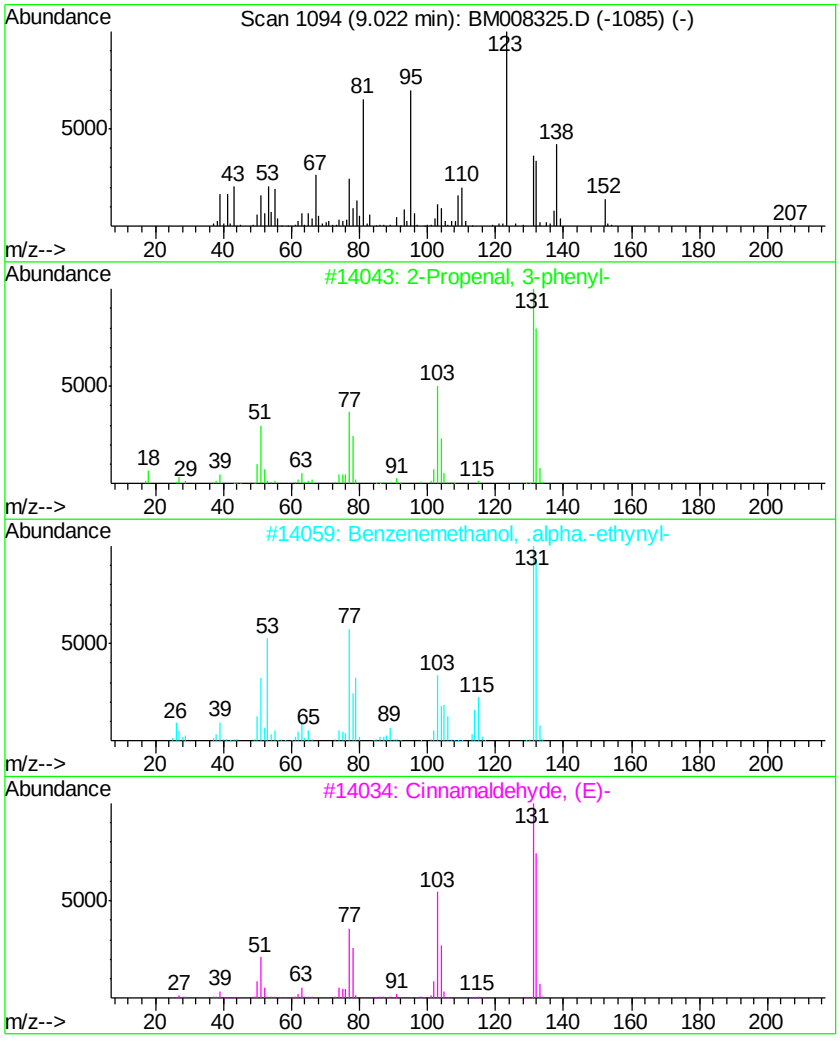
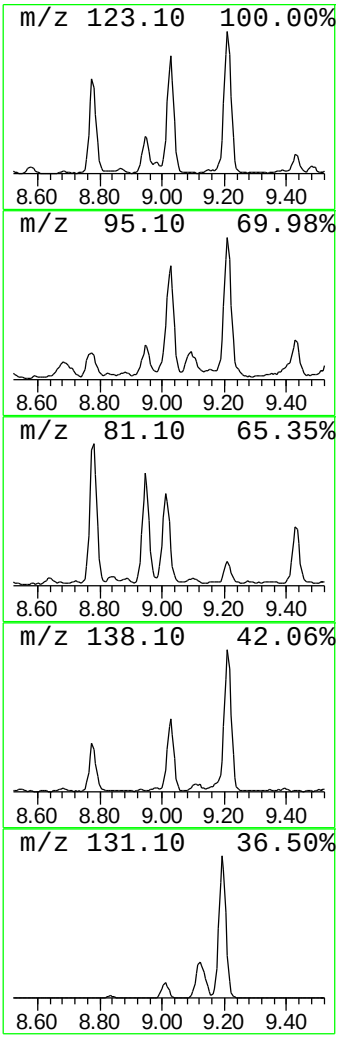
Peak Number 17 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	28.15 ng/ul	1943210	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	45
2	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	44
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	25
4	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	25
5	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	25





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Acq On : 15 Dec 2016 01:00
Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

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Quant Title : SVOA CALIBRATION

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

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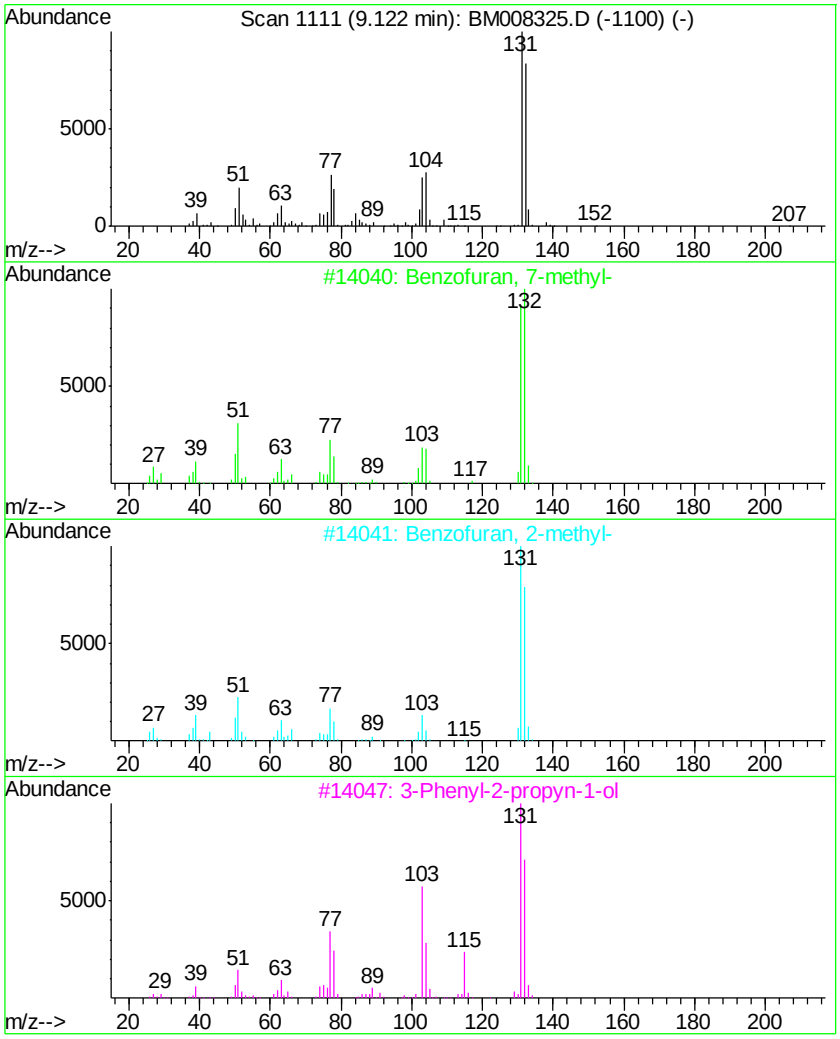
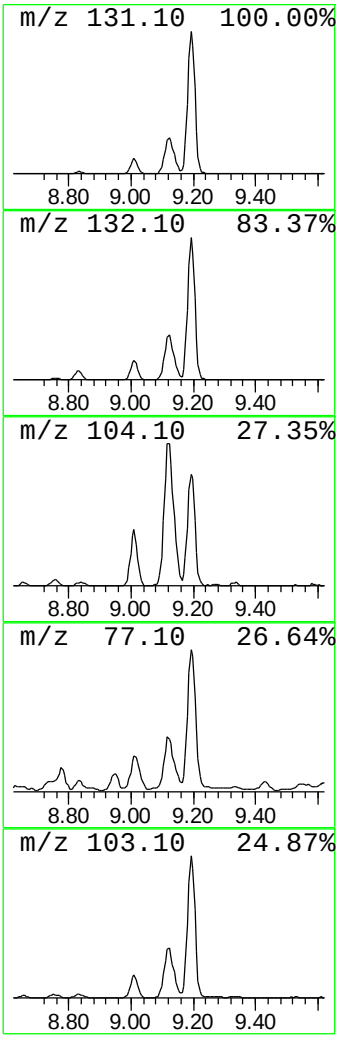
Peak Number 18 Benzofuran, 7-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	17.77 ng/ul	1763780	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90





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Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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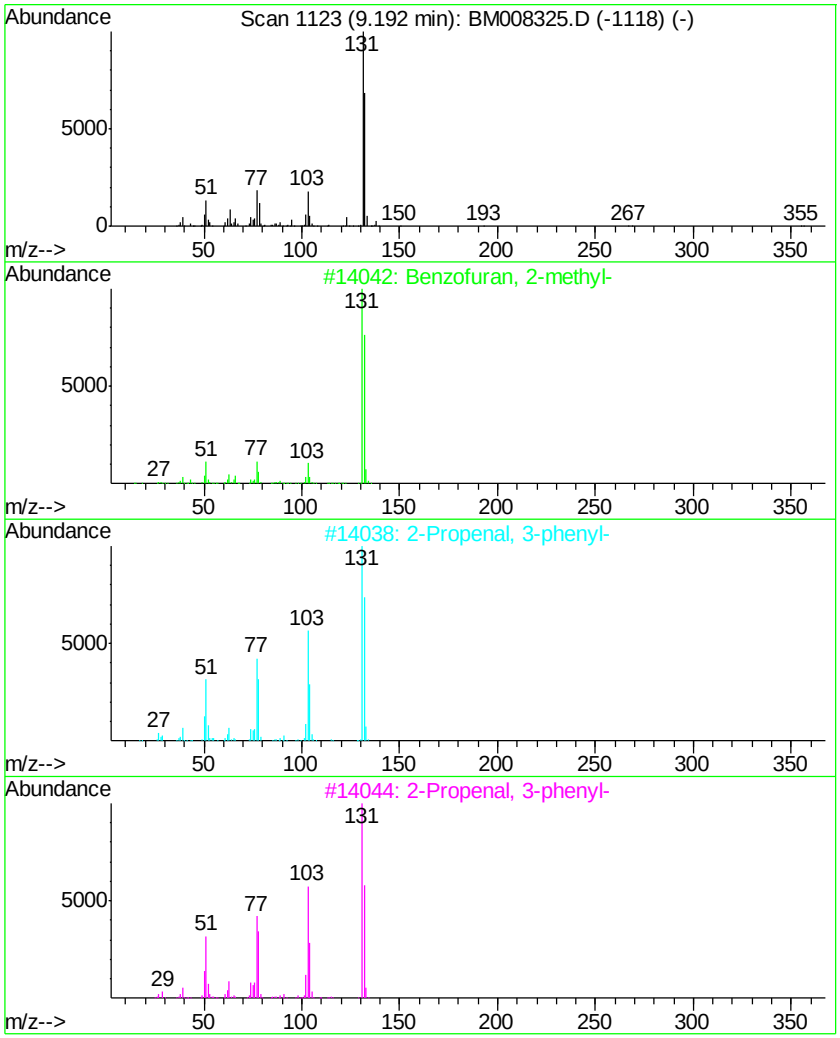
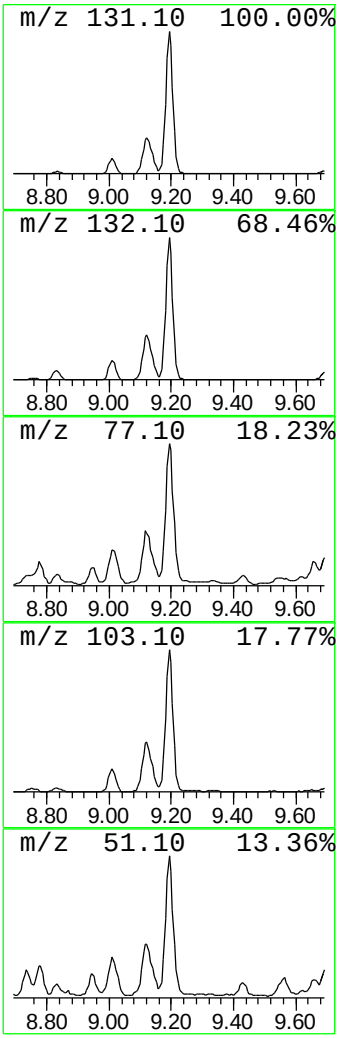
Peak Number 19 Benzofuran, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	37.47 ng/ul	3719480	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	86
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	86
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	83
5	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	80





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Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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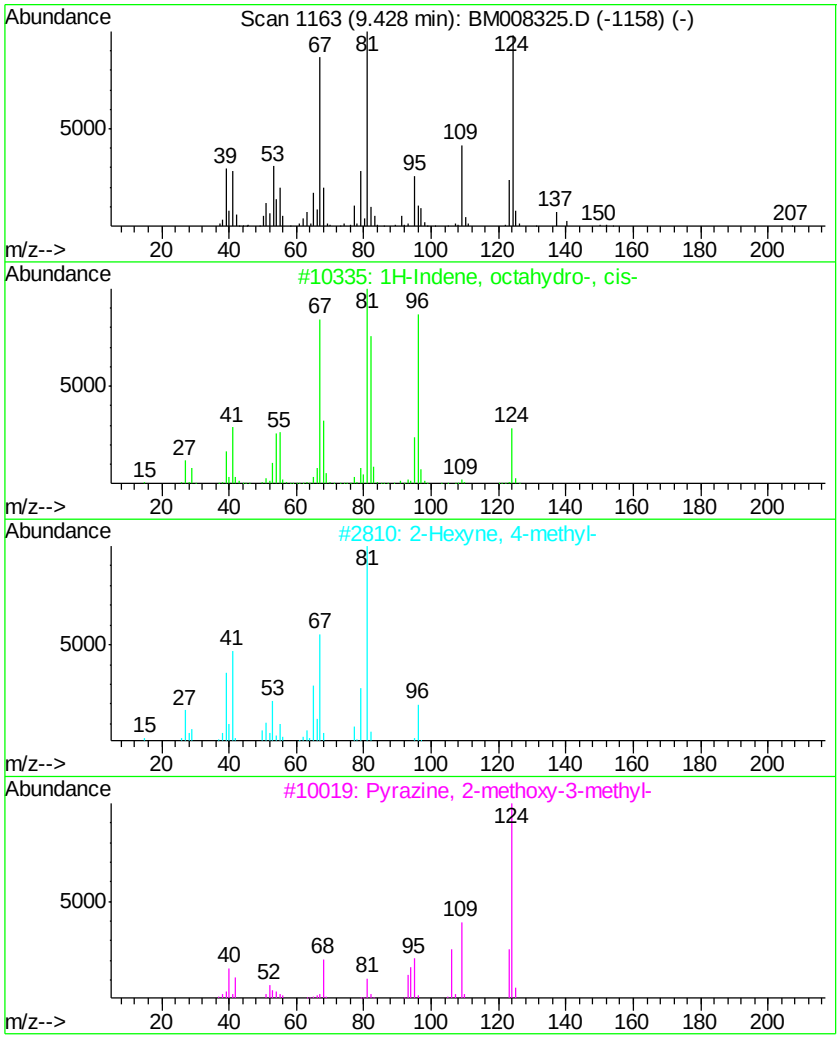
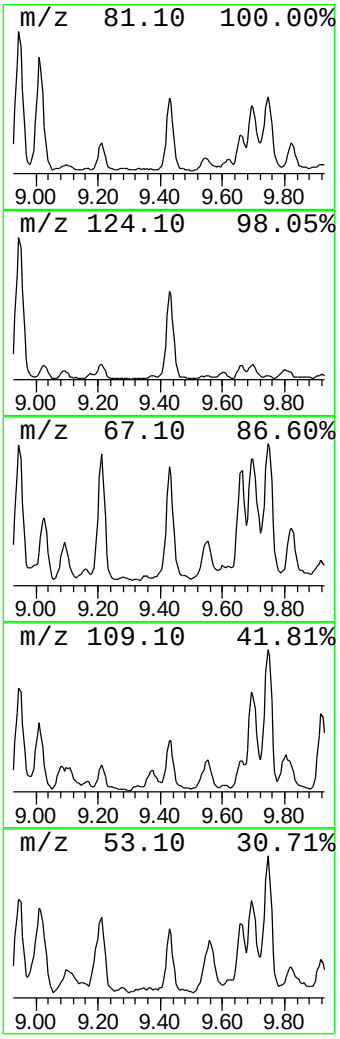
Peak Number 20 1H-Indene, octahydro-, cis- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	6.46 ng/ul	641130	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	62
2	2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	46
3	Pyrazine, 2-methoxy-3-methyl-	124	C6H8N2O	002847-30-5	43
4	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	42
5	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	42





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Acq On : 15 Dec 2016 01:00
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Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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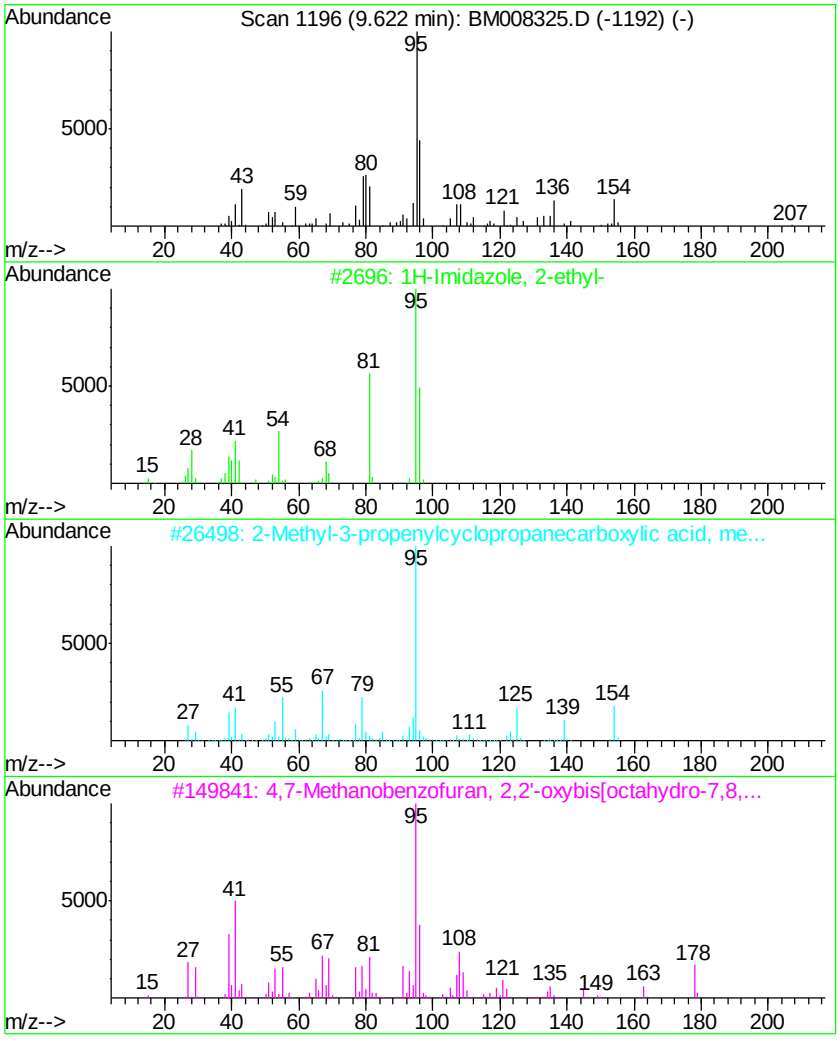
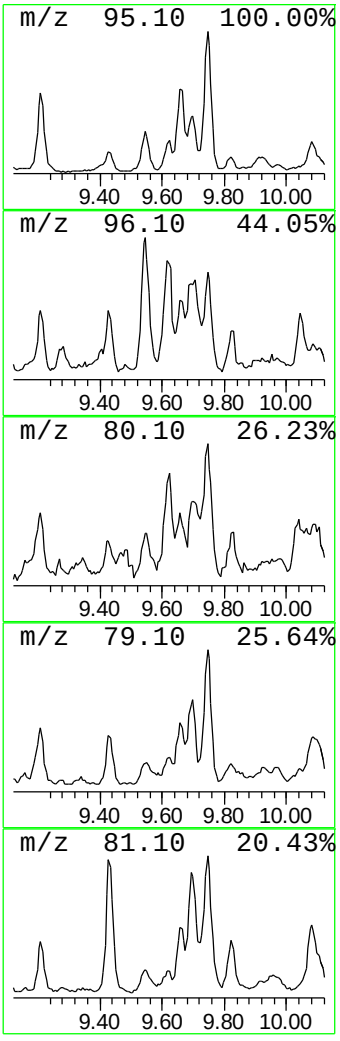
Peak Number 21 unknown-04 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	3.12 ng/ul	309801	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 2-ethyl-	96	C5H8N2	001072-62-4	46
2	2-Methyl-3-propenylcyclopropanec...	154	C9H14O2	118316-01-1	43
3	4,7-Methanobenzofuran, 2,2'-oxyb...	374	C24H38O3	087248-50-8	42
4	4,7-Methanobenzofuran, 2,2'-oxyb...	374	C24H38O3	081955-10-4	42
5	Bicyclo[2.2.2]octane-2,6,7-triol...	158	C8H14O3	033746-56-4	38





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Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

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Quant Title : SVOA CALIBRATION

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

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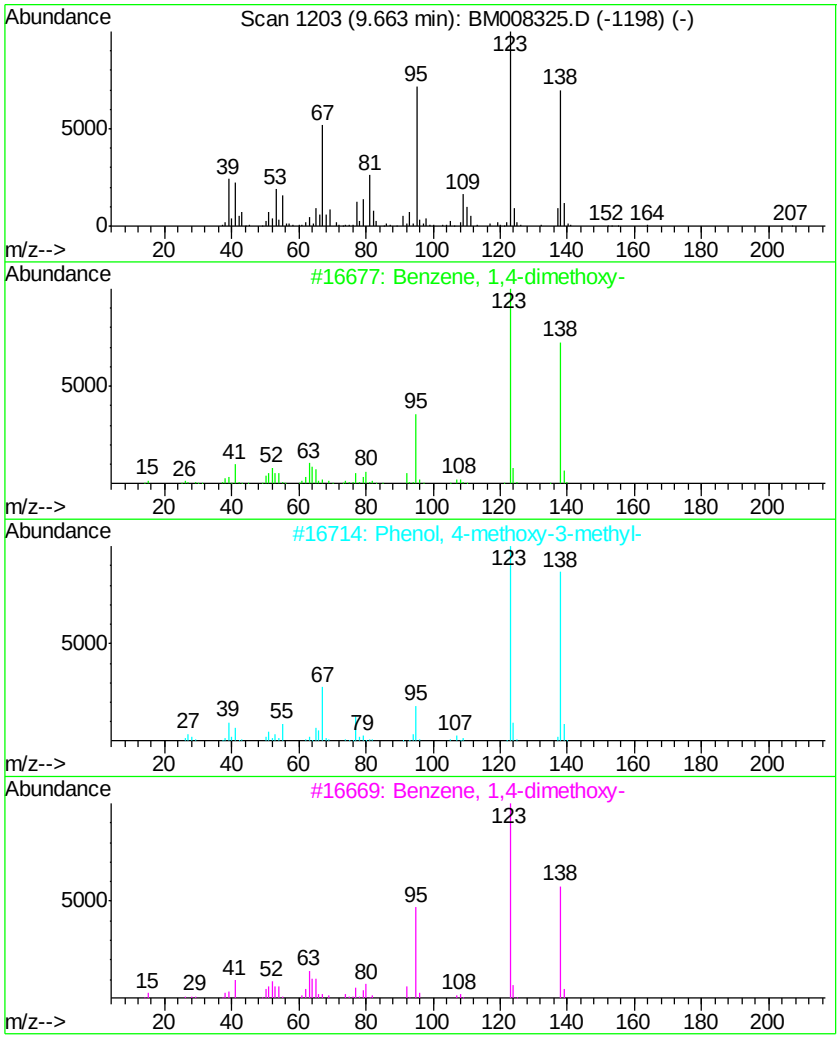
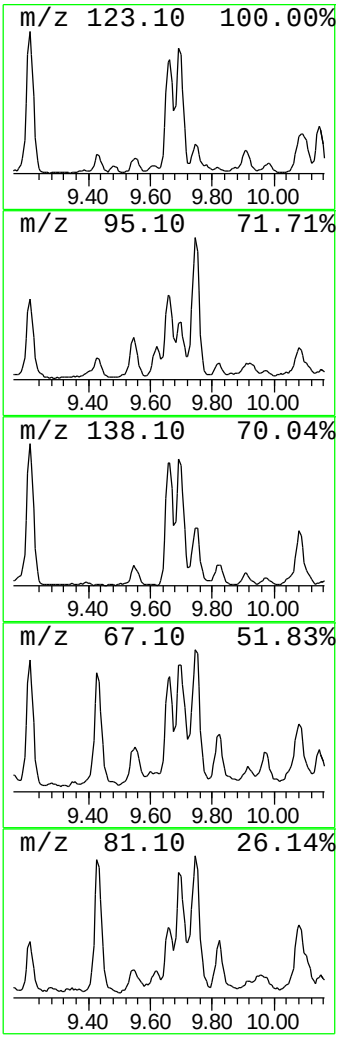
Peak Number 22 unknown-05 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	11.70 ng/ul	1161920	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	46
2	Phenol, 4-methoxy-3-methyl-	138	C8H10O2	014786-82-4	46
3	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	46
4	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	46
5	3-Acetyl-2,5-dimethyl furan	138	C8H10O2	010599-70-9	38





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Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

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Quant Title : SVOA CALIBRATION

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

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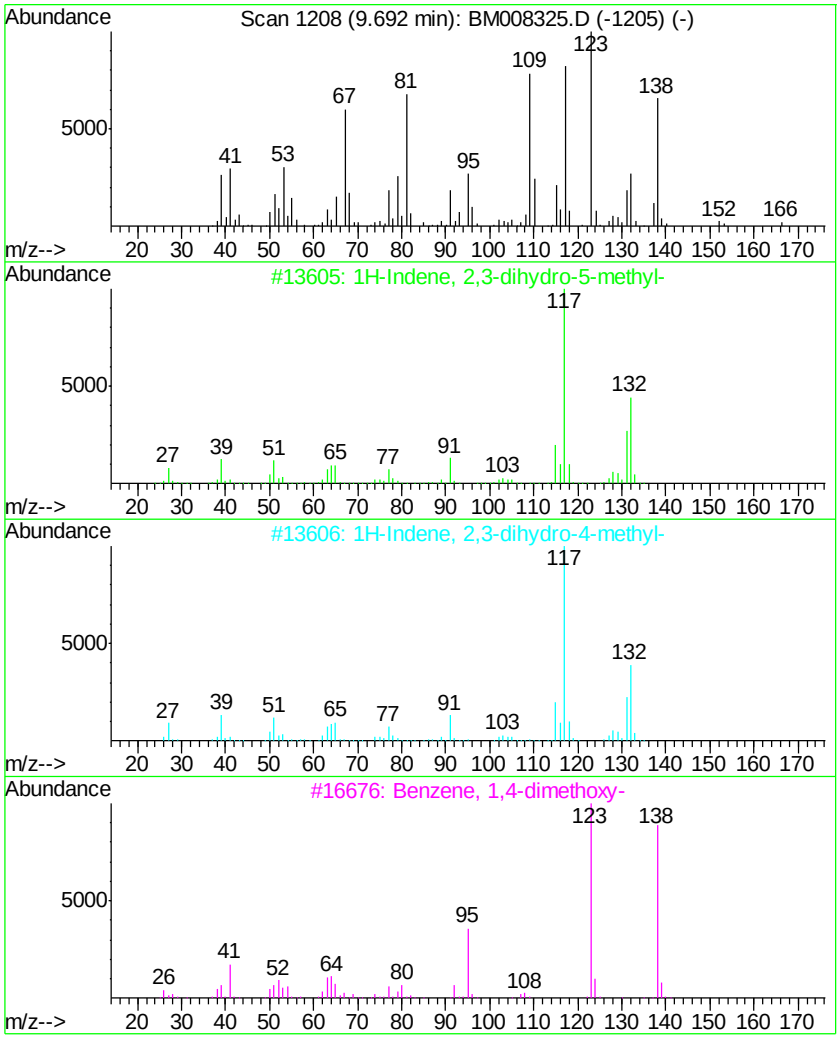
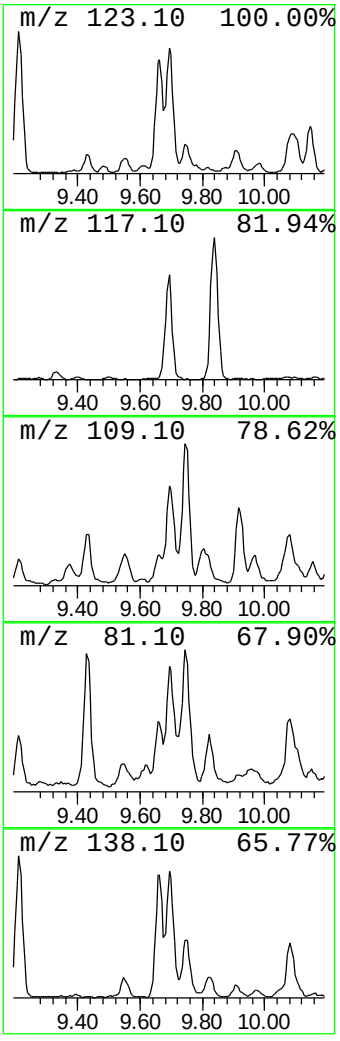
Peak Number 23 unknown-06 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	15.74 ng/ul	1562360	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	46
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	44
3	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	30
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	25
5	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	25





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Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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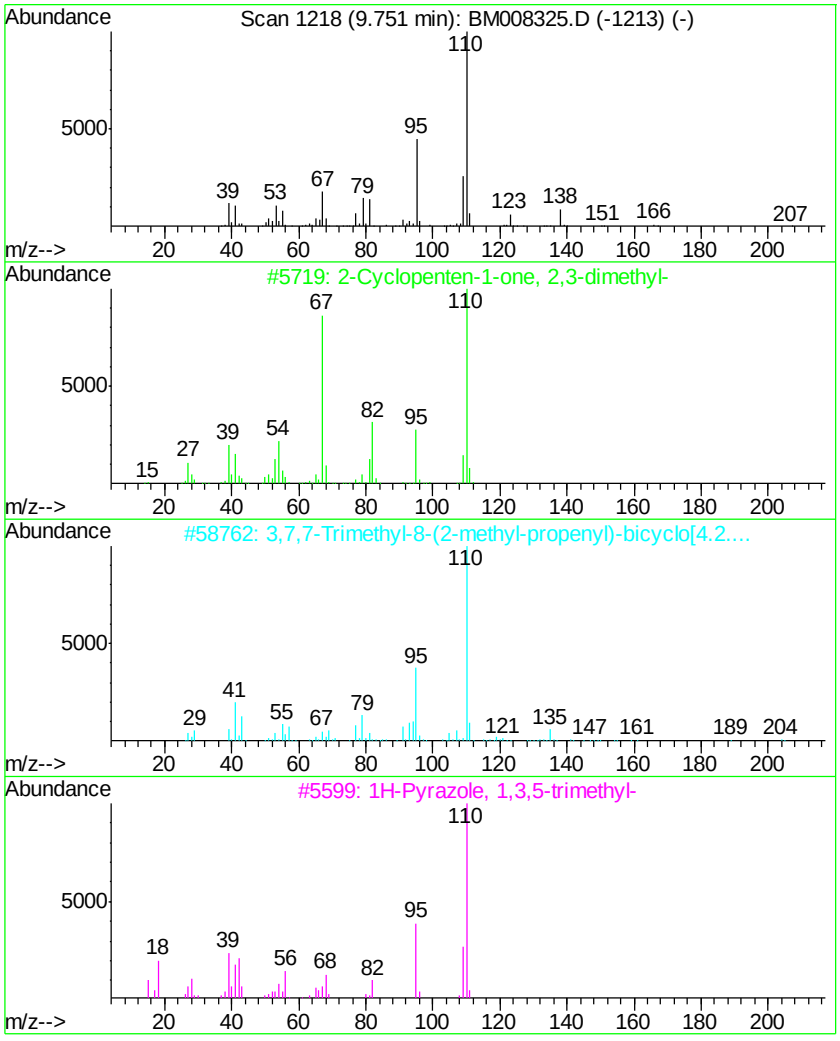
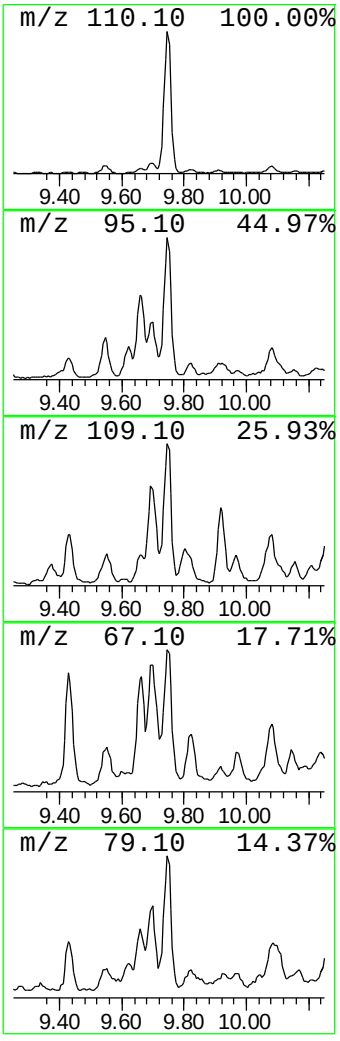
Peak Number 24 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	18.16 ng/ul	1803010	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	53
2	3,7,7-Trimethyl-8-(2-methyl-prop...	204	C15H24	1000192-43-3	53
3	1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	45
4	1-[1-Bromo-2-(phenylthio)cyclopr...	312	C14H17BrOS	1000139-16-7	40
5	Phenol, 2-(1-methylethoxy)-, met...	209	C11H15NO3	000114-26-1	38





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Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

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Quant Title : SVOA CALIBRATION

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

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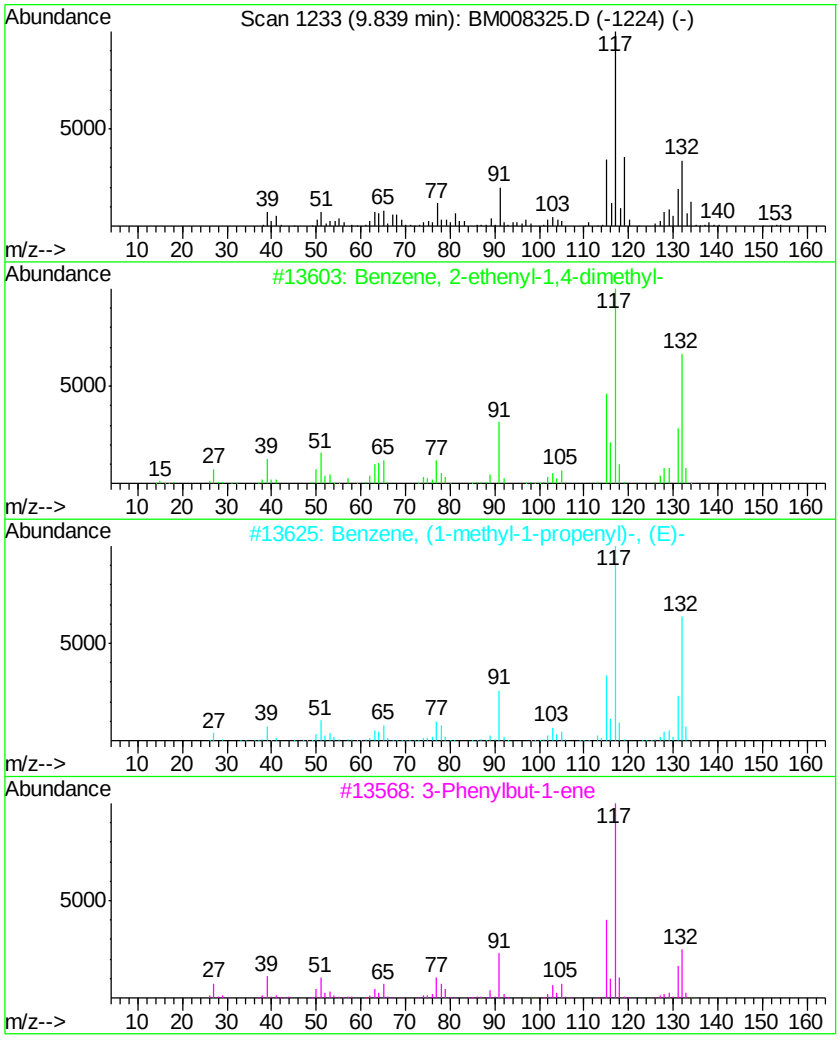
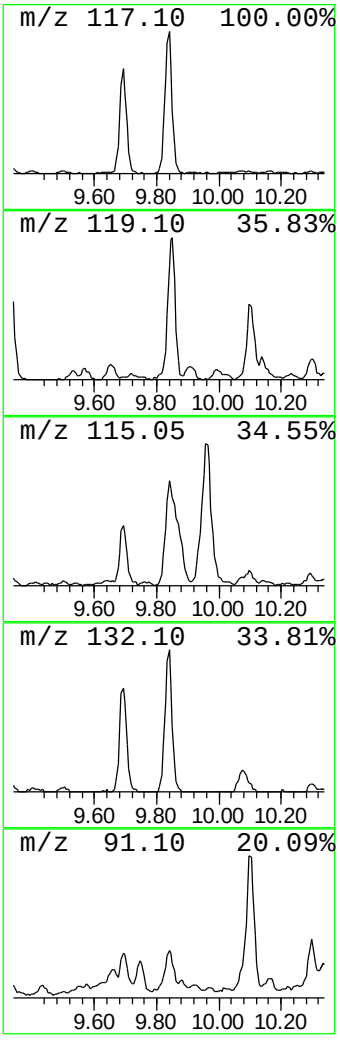
Peak Number 25 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	11.02 ng/ul	1093570	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	78
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	76





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Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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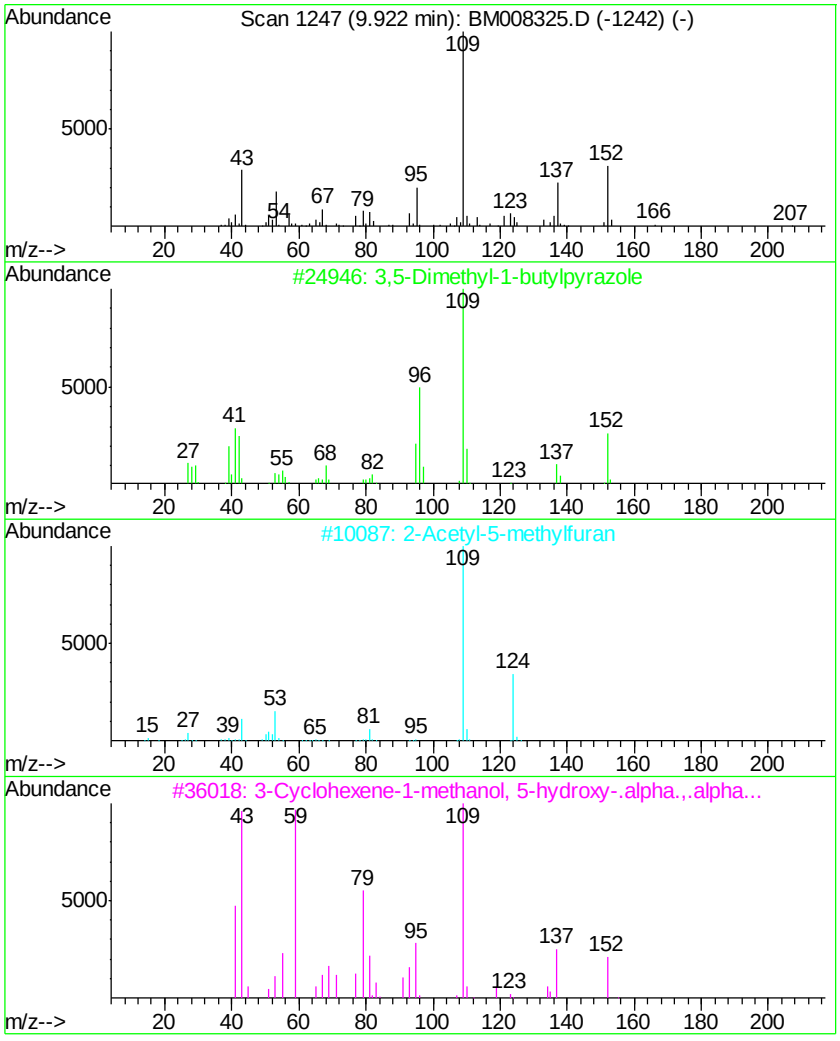
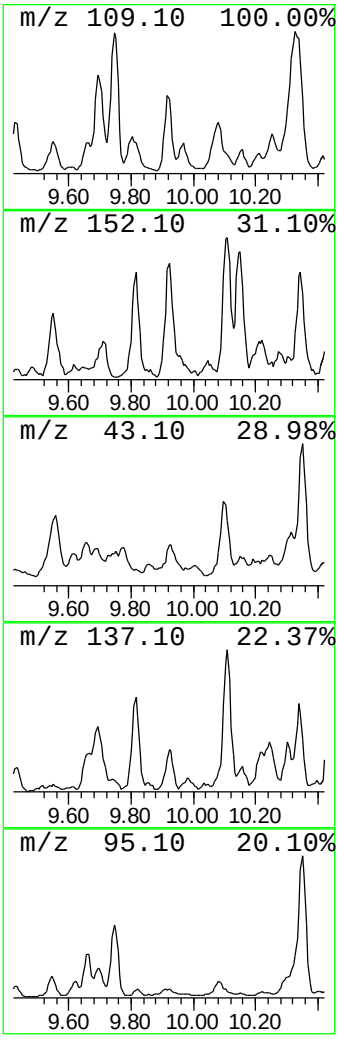
Peak Number 26 3,5-Dimethyl-1-butylpyrazole Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	3.43 ng/ul	340076	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-1-butylpyrazole	152	C9H16N2	002655-37-0	50
2	2-Acetyl-5-methylfuran	124	C7H8O2	001193-79-9	38
3	3-Cyclohexene-1-methanol, 5-hydr...	170	C10H18O2	032226-54-3	38
4	7-(2,6-Dimethyl-hepta-1,5-dienyl...	272	C20H32	1000190-62-8	38
5	Benzene, 1-fluoro-4-(2-methoxyet...	152	C9H9FO	054533-37-8	36





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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

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Quant Title : SVOA CALIBRATION

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

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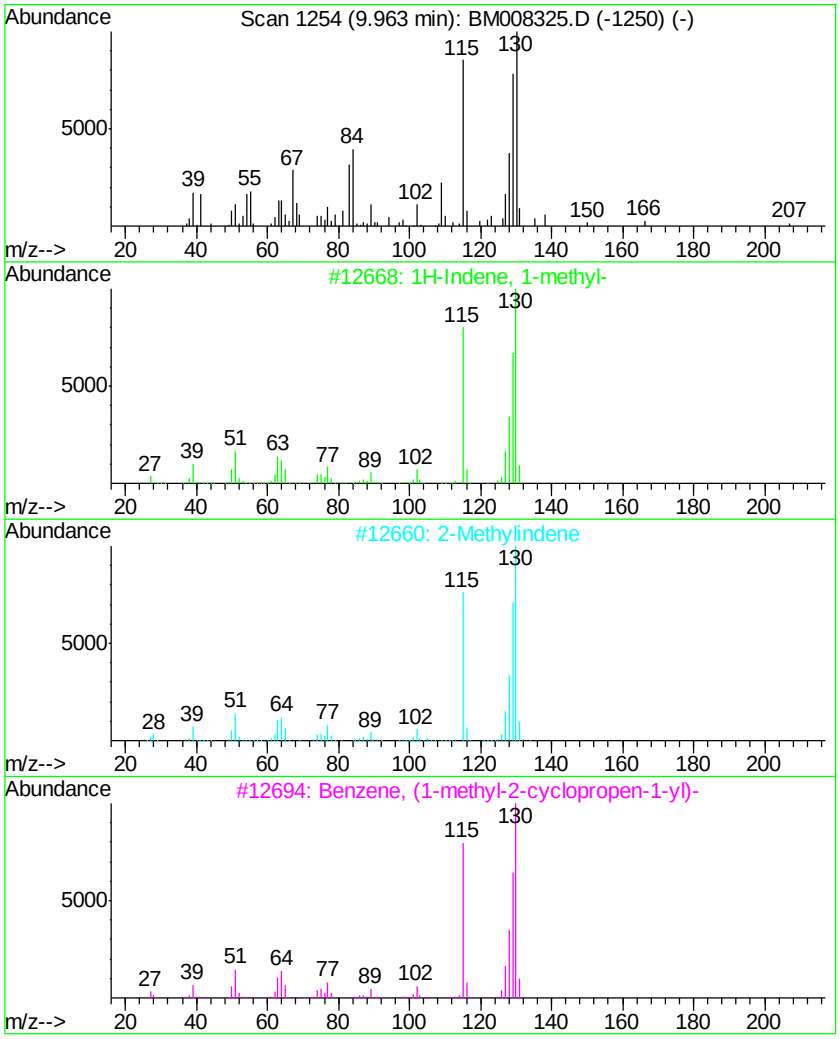
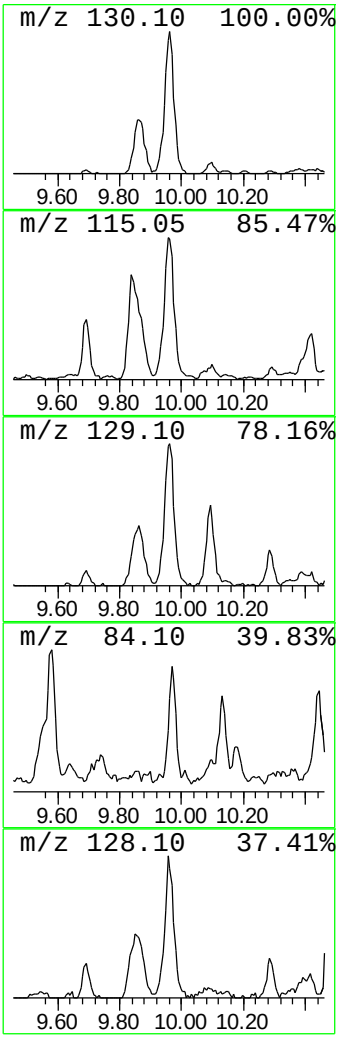
Peak Number 27 1H-Indene, 1-methyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	5.17 ng/ul	512890	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
2	2-Methylindene	130	C10H10	002177-47-1	93
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	89
4	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	89
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	89





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Instrument : BNA_M
ClientSampleId : DA887

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Quant Title : SVOA CALIBRATION

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

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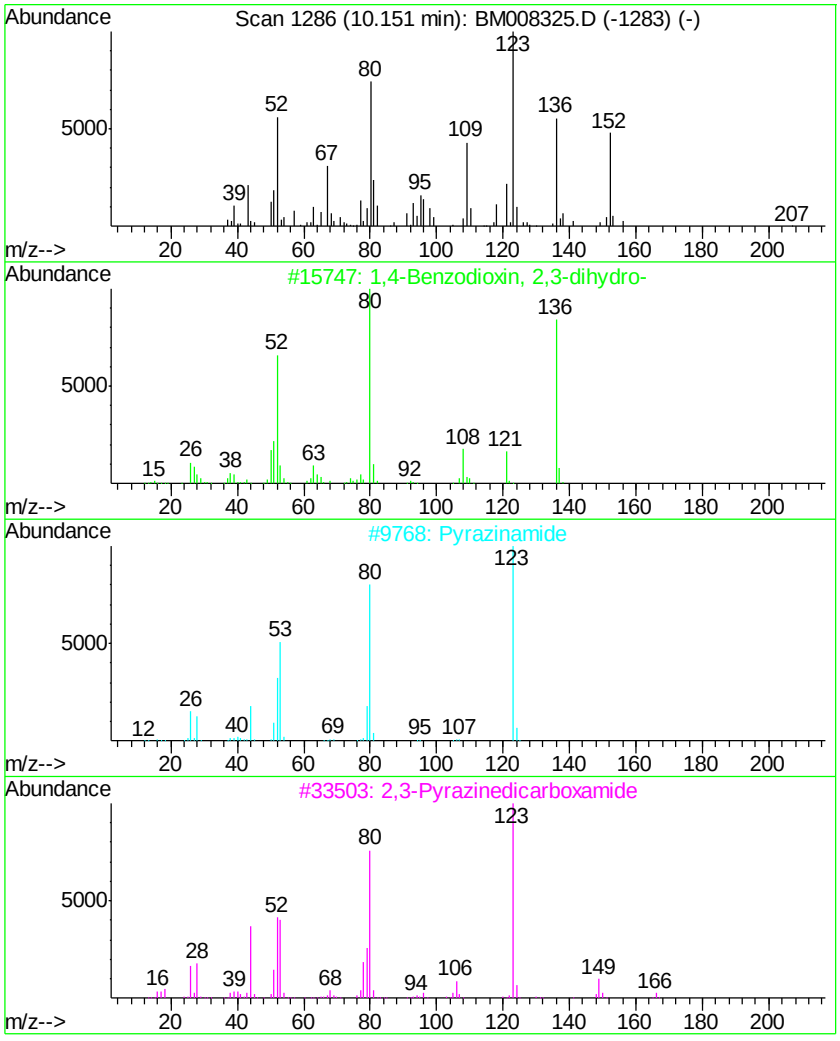
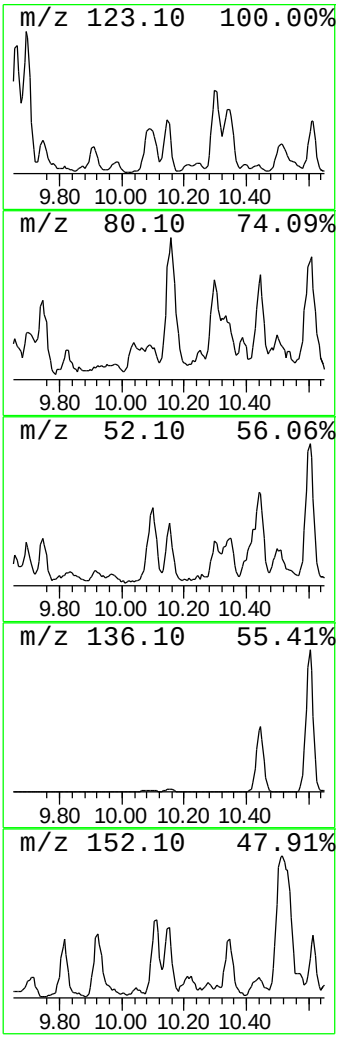
Peak Number 28 unknown-07 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	2.98 ng/ul	295472	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzodioxin, 2,3-dihydro-	136	C8H8O2	000493-09-4	35
2	Pyrazinamide	123	C5H5N3O	000098-96-4	25
3	2,3-Pyrazinedicarboxamide	166	C6H6N4O2	006164-78-9	17
4	Pyrazinamide	123	C5H5N3O	000098-96-4	16
5	4-Ethoxyphenylhydrazine	152	C8H12N2O	039943-51-6	13





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Data File : BM008325.D
Acq On : 15 Dec 2016 01:00
Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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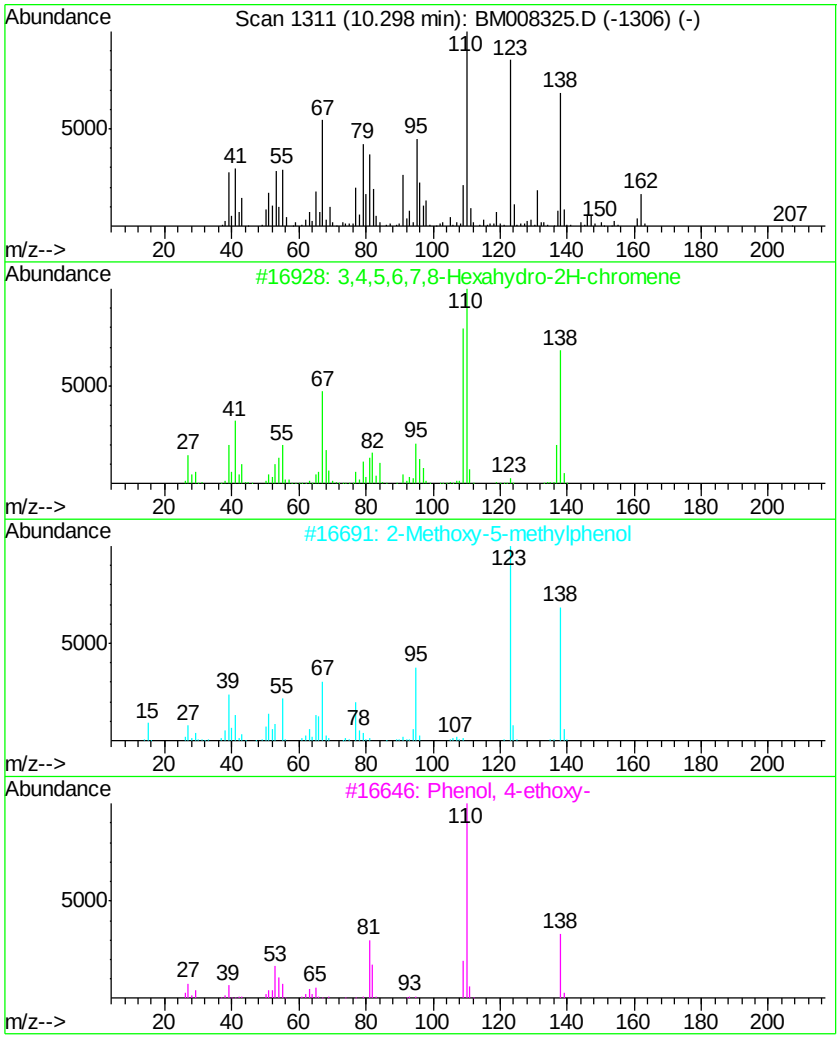
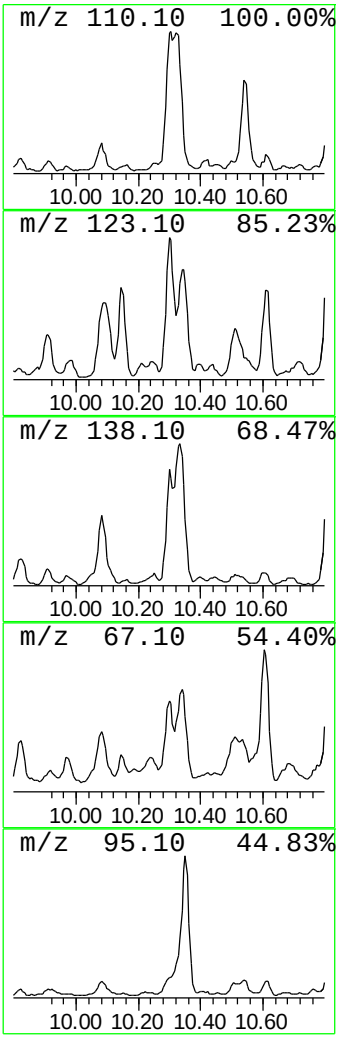
Peak Number 29 unknown-08 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	11.43 ng/ul	1135040	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4,5,6,7,8-Hexahydro-2H-chromene	138	C9H14O	007106-07-2	43
2	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	41
3	Phenol, 4-ethoxy-	138	C8H10O2	000622-62-8	38
4	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	38
5	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	35





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008325.D
Acq On : 15 Dec 2016 01:00
Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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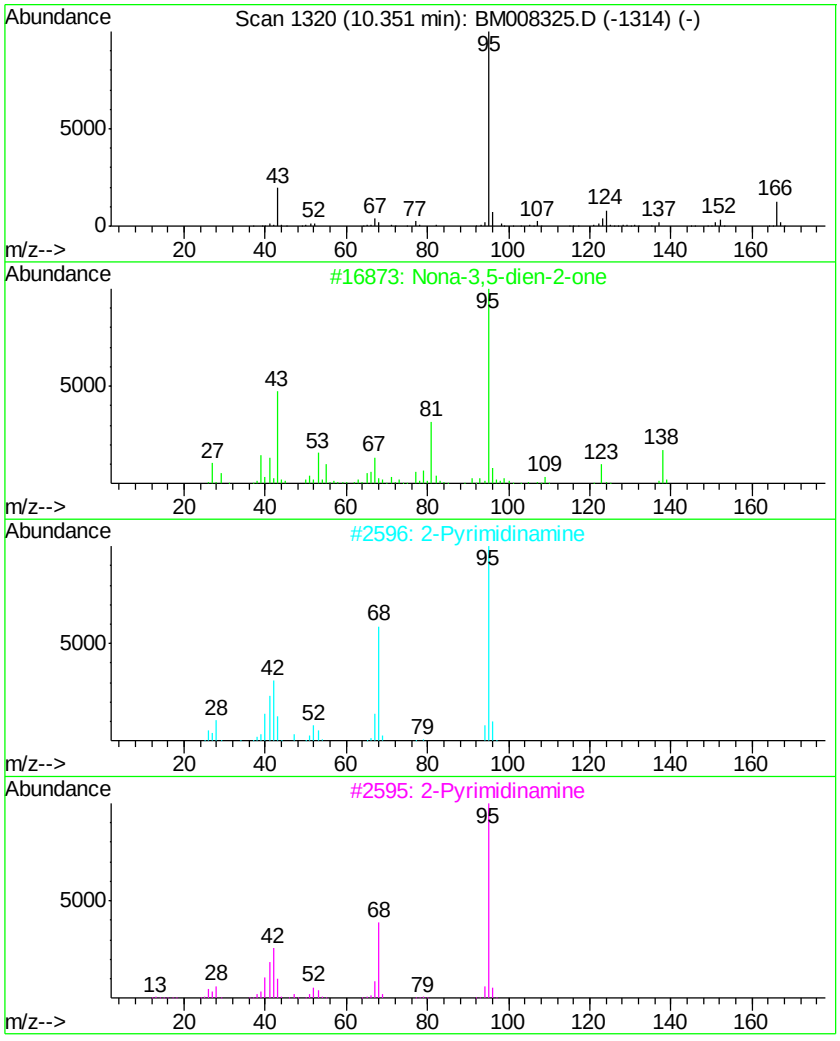
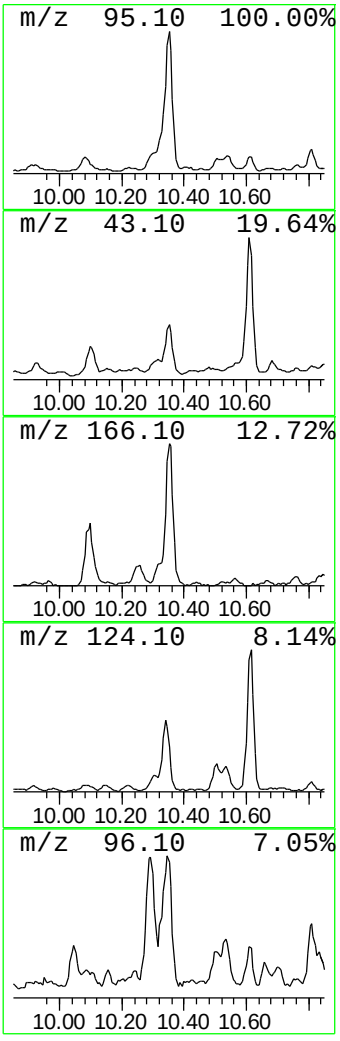
Peak Number 30 unknown-09 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	18.68 ng/ul	1854880	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nona-3,5-dien-2-one	138	C9H14O	080387-31-1	38
2	2-Pyrimidinamine	95	C4H5N3	000109-12-6	36
3	2-Pyrimidinamine	95	C4H5N3	000109-12-6	36
4	Cyclopentanecarboxylic acid, 2-m...	154	C9H14O2	074764-25-3	33
5	3,5-Octadiene, 4,5-diethyl-	166	C12H22	067652-84-0	22





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008325.D
Acq On : 15 Dec 2016 01:00
Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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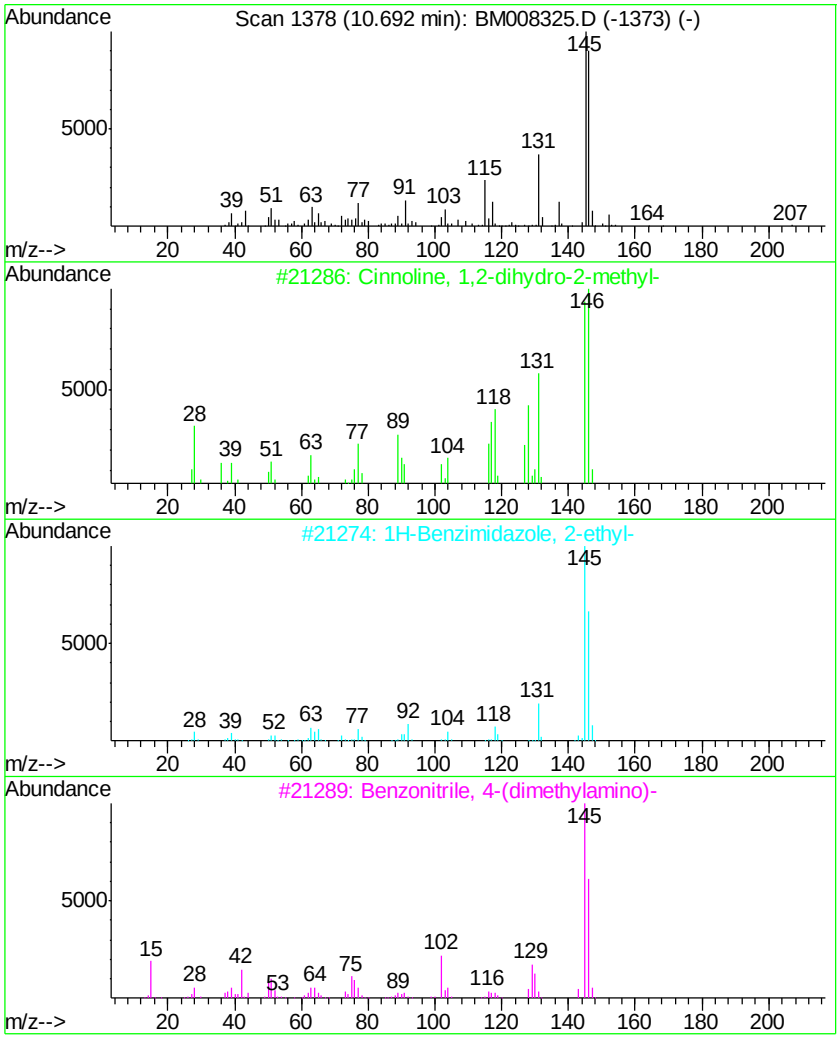
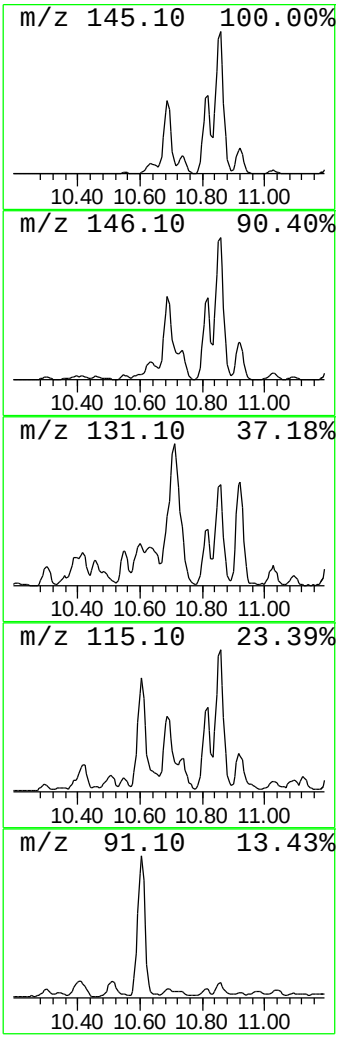
Peak Number 31 Cinnoline, 1,2-dihydro-2-me... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	12.47 ng/ul	1237730	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	72
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008325.D
Acq On : 15 Dec 2016 01:00
Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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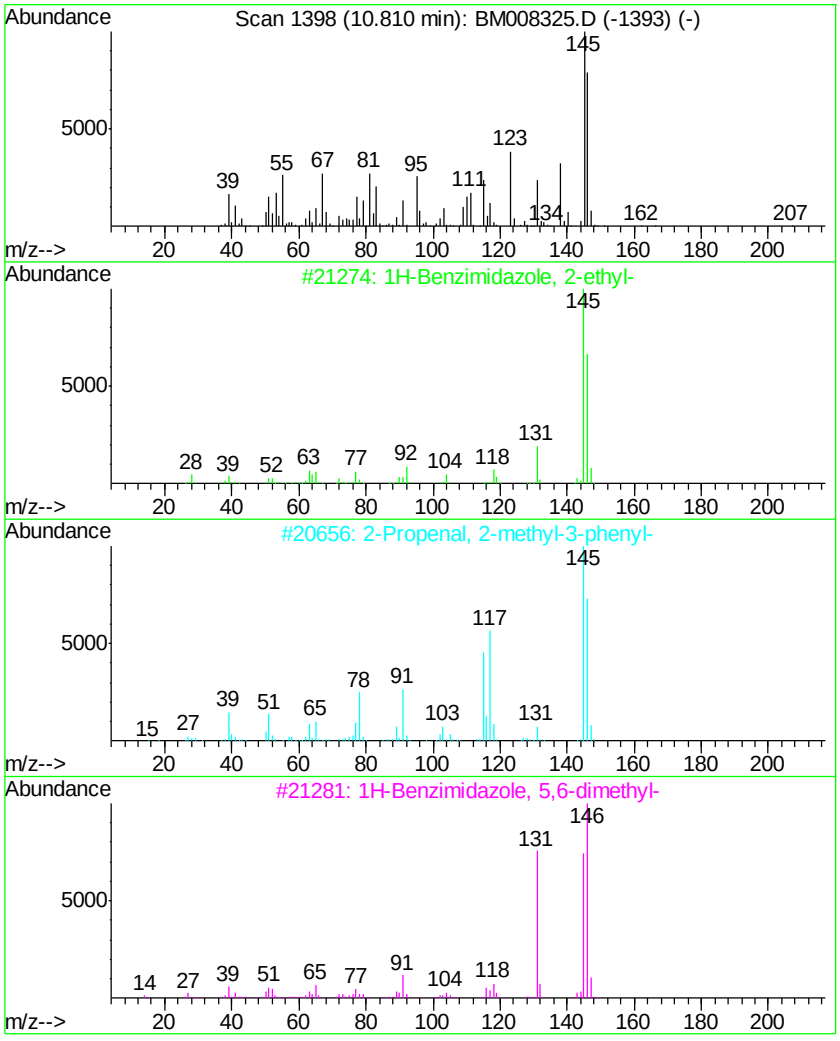
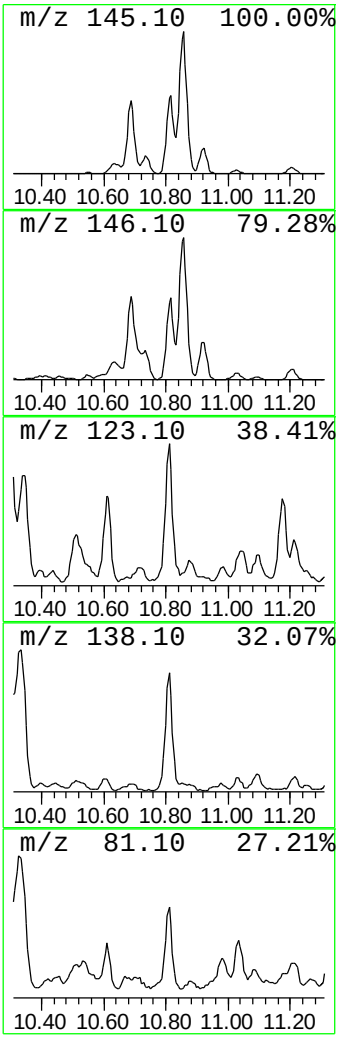
Peak Number 32 unknown-10 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	15.68 ng/ul	1556390	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	43
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	38
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	38
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	38
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	35





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008325.D
Acq On : 15 Dec 2016 01:00
Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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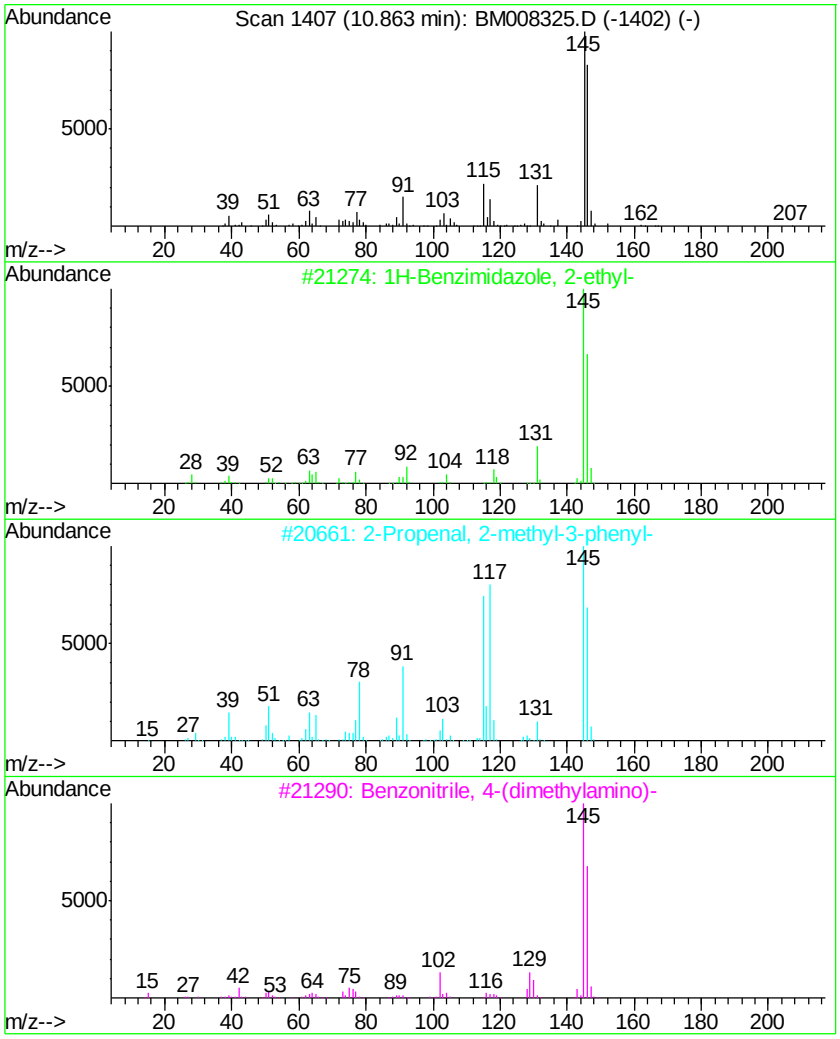
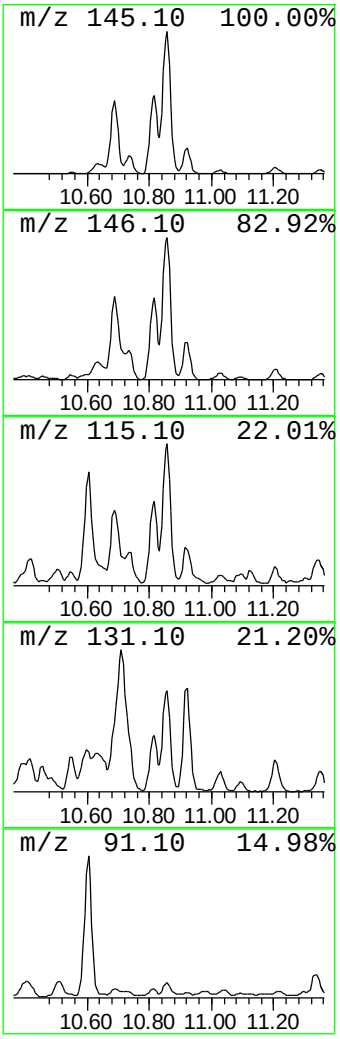
Peak Number 33 1H-Benzimidazole, 2-ethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	15.03 ng/ul	1492570	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	56
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008325.D
Acq On : 15 Dec 2016 01:00
Operator : UM/SJ
Sample : H5996-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA887

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.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
Cyclopentanone, 2...	6.33	6.5	ng/ul	449693	1	7.67	1380450	20.0
(DEL) Alkane: Cyc...	7.07	12.6	ng/ul	871607	1	7.67	1380450	20.0
(DEL) Alkane: Cyc...	7.16	10.8	ng/ul	743120	1	7.67	1380450	20.0
Benzene, 1,2,3-tr...	7.32	15.0	ng/ul	1038090	1	7.67	1380450	20.0
(DEL) Alkane: Cyc...	7.50	13.8	ng/ul	953209	1	7.67	1380450	20.0
(DEL) Alkane: Cyc...	7.74	4.2	ng/ul	290503	1	7.67	1380450	20.0
Indane	8.03	20.1	ng/ul	1388080	1	7.67	1380450	20.0
unknown-01	8.14	4.9	ng/ul	338379	1	7.67	1380450	20.0
unknown-02	8.19	4.3	ng/ul	298258	1	7.67	1380450	20.0
2-Cyclopenten-1-o...	8.32	40.3	ng/ul	2782770	1	7.67	1380450	20.0
(DEL) Alkane: Cyc...	8.46	5.5	ng/ul	376930	1	7.67	1380450	20.0
(DEL) Alkane: Cyc...	8.63	13.4	ng/ul	922391	1	7.67	1380450	20.0
Benzofuran, 2,3-d...	8.73	16.7	ng/ul	1152890	1	7.67	1380450	20.0
Ethanone, 1-(1-cy...	8.77	17.3	ng/ul	1196260	1	7.67	1380450	20.0
Cyclopent-2-ene-1...	8.95	17.9	ng/ul	1237710	1	7.67	1380450	20.0
unknown-03	9.02	28.1	ng/ul	1943210	1	7.67	1380450	20.0
Benzofuran, 7-met...	9.12	17.8	ng/ul	1763780	2	10.45	1985570	20.0
Benzofuran, 2-met...	9.19	37.5	ng/ul	3719480	2	10.45	1985570	20.0
1H-Indene, octahy...	9.43	6.5	ng/ul	641130	2	10.45	1985570	20.0
unknown-04	9.62	3.1	ng/ul	309801	2	10.45	1985570	20.0
unknown-05	9.66	11.7	ng/ul	1161920	2	10.45	1985570	20.0
unknown-06	9.69	15.7	ng/ul	1562360	2	10.45	1985570	20.0
2-Cyclopenten-1-o...	9.75	18.2	ng/ul	1803010	2	10.45	1985570	20.0
Benzene, 2-etheny...	9.84	11.0	ng/ul	1093570	2	10.45	1985570	20.0
3,5-Dimethyl-1-bu...	9.92	3.4	ng/ul	340076	2	10.45	1985570	20.0
1H-Indene, 1-methyl-	9.96	5.2	ng/ul	512890	2	10.45	1985570	20.0
unknown-07	10.15	3.0	ng/ul	295472	2	10.45	1985570	20.0
unknown-08	10.30	11.4	ng/ul	1135040	2	10.45	1985570	20.0
unknown-09	10.35	18.7	ng/ul	1854880	2	10.45	1985570	20.0
Cinnoline, 1,2-di...	10.69	12.5	ng/ul	1237730	2	10.45	1985570	20.0
unknown-10	10.81	15.7	ng/ul	1556390	2	10.45	1985570	20.0
1H-Benzimidazole,...	10.86	15.0	ng/ul	1492570	2	10.45	1985570	20.0