LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008388.D
Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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	2.646	8	10	18	rVB2	22567	34230	1.23%	0.090%
2	4.910	389	395	406	rVB	133002	212587	7.62%	0.557%
3	5.022	410	414	421	rBV2	41255	69152	2.48%	0.181%
4	5.540	497	502	508	rBV	78990	119222	4.27%	0.312%
5	5.616	508	515	520	rVV2	36764	60260	2.16%	0.158%
6	5.675	520	525	531	rVV3	36161	65979	2.36%	0.173%
7	5.734	531	535	549	rVB3	63927	131168	4.70%	0.344%
8	5.857	551	556	562	rVV3	72119	124975	4.48%	0.327%
9	5.910	562	565	584	rVB	81911	199184	7.14%	0.522%
10	6.322	629	635	644	rBV3	35024	75080	2.69%	0.197%
11	6.416	644	651	659	rBV5	76660	191104	6.85%	0.501%
12	6.593	677	681	690	rVB4	22551	41115	1.47%	0.108%
13	6.710	697	701	704	rBV2	23100	39750	1.42%	0.104%
14	6.746	704	707	714	rVB3	24880	41465	1.49%	0.109%
15	6.810	714	718	727	rBV	60957	127763	4.58%	0.335%
16	6.893	727	732	747	rVB2	156051	298379	10.69%	0.782%
17	7.075	758	763	769	rBV	61942	97086	3.48%	0.254%
18	7.163	771	778	779	rBV4	36606	65794	2.36%	0.172%
19	7.245	786	792	799	rBV	89419	168704	6.05%	0.442%
20	7.310	799	803	813	rVB4	59416	131718	4.72%	0.345%
21	7.398	813	818	822	rBV4	37385	65040	2.33%	0.170%
22	7.487	828	833	838	rVV3	61227	99852	3.58%	0.262%
23	7.534	838	841	847	rVB2	26449	39503	1.42%	0.104%
24	7.663	856	863	870	rBV	386395	666299	23.88%	1.746%
25	7.728	870	874	881	rVB3	50731	90408	3.24%	0.237%
26	7.887	896	901	904	rBV3	36925	67077	2.40%	0.176%
27	7.945	905	911	922	rVV	1601886	2789936	100.00%	7.310%
28	8.116	932	940	946	rVV	385274	678535	24.32%	1.778%
29	8.175	946	950	959	rVB5	52451	108430	3.89%	0.284%
30	8.310	961	973	984	rBV2	558254	1121731	40.21%	2.939%
31	8.451	990	997	1004	rBV	526180	1059104	37.96%	2.775%
32	8.604	1015	1023	1031	rBV6	50453	120166	4.31%	0.315%
33	8.675	1031	1035	1040	rBV3	47416	80476	2.88%	0.211%
34	8.757	1040	1049	1058	rBV2	788029	2007301	71.95%	5.259%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008388.D
Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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	8.939	1073	1080	1090	rBV	375651	734004	26.31%	1.923%
36	9.016	1090	1093	1098	rVV2	41744	67399	2.42%	0.177%
37	9.081	1098	1104	1112	rVV	681792	1120294	40.15%	2.935%
38	9.204	1118	1125	1133	rBV2	73979	142989	5.13%	0.375%
39	9.428	1152	1163	1172	rBV2	399329	731417	26.22%	1.916%
40	9.563	1177	1186	1192	rBV	240754	500925	17.95%	1.312%
41	9.634	1192	1198	1200	rVV	1067491	1762732	63.18%	4.619%
42	9.663	1200	1203	1213	rVV	1131982	1974167	70.76%	5.172%
43	9.745	1213	1217	1222	rVV	123974	203680	7.30%	0.534%
44	9.810	1222	1228	1234	rVB	143644	242453	8.69%	0.635%
45	9.904	1236	1244	1245	rBV2	150845	281861	10.10%	0.739%
46	9.939	1245	1250	1262	rVB	1107706	1887560	67.66%	4.946%
47	10.086	1268	1275	1283	rBV	506939	877011	31.43%	2.298%
48	10.163	1283	1288	1293	rVB2	83194	149549	5.36%	0.392%
49	10.269	1300	1306	1309	rBV	106637	196352	7.04%	0.514%
50	10.334	1311	1317	1318	rBV	506751	783690	28.09%	2.053%
51	10.434	1327	1334	1339	rBV	500849	830613	29.77%	2.176%
52	10.475	1339	1341	1347	rVB4	50816	77496	2.78%	0.203%
53	10.528	1347	1350	1355	rVB5	23725	38691	1.39%	0.101%
54	10.592	1355	1361	1371	rVB	240315	431425	15.46%	1.130%
55	10.722	1371	1383	1387	rBV3	33370	95243	3.41%	0.250%
56	10.810	1387	1398	1406	rBV4	168438	351613	12.60%	0.921%
57	10.898	1406	1413	1418	rBV2	104360	180530	6.47%	0.473%
58	10.986	1418	1428	1432	rBV	296773	549983	19.71%	1.441%
59	11.028	1432	1435	1439	rVV4	144957	242569	8.69%	0.636%
60	11.063	1439	1441	1446	rVV	87916	132417	4.75%	0.347%
61	11.116	1446	1450	1455	rVB4	42043	71055	2.55%	0.186%
62	11.281	1470	1478	1484	rBV	329544	632163	22.66%	1.656%
63	11.469	1501	1510	1515	rBV	184406	342583	12.28%	0.898%
64	11.528	1515	1520	1525	rVB	174426	280709	10.06%	0.735%
65	11.610	1525	1534	1538	rBV3	332000	645158	23.12%	1.690%
66	11.851	1567	1575	1581	rVB2	102740	187549	6.72%	0.491%
67	11.969	1585	1595	1607	rVB9	50321	176623	6.33%	0.463%
68	12.169	1624	1629	1635	rBV3	64356	161347	5.78%	0.423%
69	12.222	1635	1638	1642	rVB3	33122	36361	1.30%	0.095%
70	12.269	1642	1646	1655	rVB7	41576	97835	3.51%	0.256%
71	12.380	1661	1665	1671	rVB5	47779	78401	2.81%	0.205%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008388.D
Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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	12.451	1671	1677	1681	rBV5	45265	81127	2.91%	0.213%
73	12.504	1681	1686	1687	rBV2	58625	85025	3.05%	0.223%
74	12.569	1692	1697	1707	rVB	671453	1031964	36.99%	2.704%
75	12.663	1710	1713	1719	rBV5	19066	42530	1.52%	0.111%
76	12.780	1730	1733	1739	rVB	46256	67614	2.42%	0.177%
77	12.898	1748	1753	1763	rVB2	68429	152033	5.45%	0.398%
78	12.998	1763	1770	1772	rBV5	27347	62447	2.24%	0.164%
79	13.039	1773	1777	1781	rVV4	37839	63810	2.29%	0.167%
80	13.104	1781	1788	1794	rVB7	44432	95527	3.42%	0.250%
81	13.474	1842	1851	1853	rBV5	47074	103933	3.73%	0.272%
82	13.539	1859	1862	1866	rVB5	24067	33855	1.21%	0.089%
83	13.669	1874	1884	1889	rBV	406115	624120	22.37%	1.635%
84	13.710	1889	1891	1901	rVB4	33070	64171	2.30%	0.168%
85	13.810	1904	1908	1914	rVB8	25848	52585	1.88%	0.138%
86	13.916	1920	1926	1931	rBV8	17675	39853	1.43%	0.104%
87	14.204	1966	1975	1981	rBV8	23025	60403	2.17%	0.158%
88	14.304	1986	1992	1998	rVV	719303	1102299	39.51%	2.888%
89	14.474	2016	2021	2028	rVB	164476	247118	8.86%	0.647%
90	15.268	2150	2156	2159	rBV	37680	51558	1.85%	0.135%
91	15.310	2159	2163	2169	rVB	21505	37477	1.34%	0.098%
92	15.527	2196	2200	2212	rBV4	17068	37192	1.33%	0.097%
93	17.057	2454	2460	2473	rBV	847948	1268334	45.46%	3.323%
94	17.162	2473	2478	2484	rVV3	21303	36474	1.31%	0.096%
95	17.233	2484	2490	2498	rVV	144184	245457	8.80%	0.643%
96	17.315	2498	2504	2512	rVV	265455	417910	14.98%	1.095%
97	17.392	2512	2517	2526	rVB	122500	205990	7.38%	0.540%
98	19.468	2866	2870	2877	rBV2	26504	52214	1.87%	0.137%
99	21.256	3169	3174	3185	rBV	1123374	1643528	58.91%	4.306%
100	23.486	3547	3553	3564	rVB	757162	1575039	56.45%	4.127%

Sum of corrected areas: 38166607

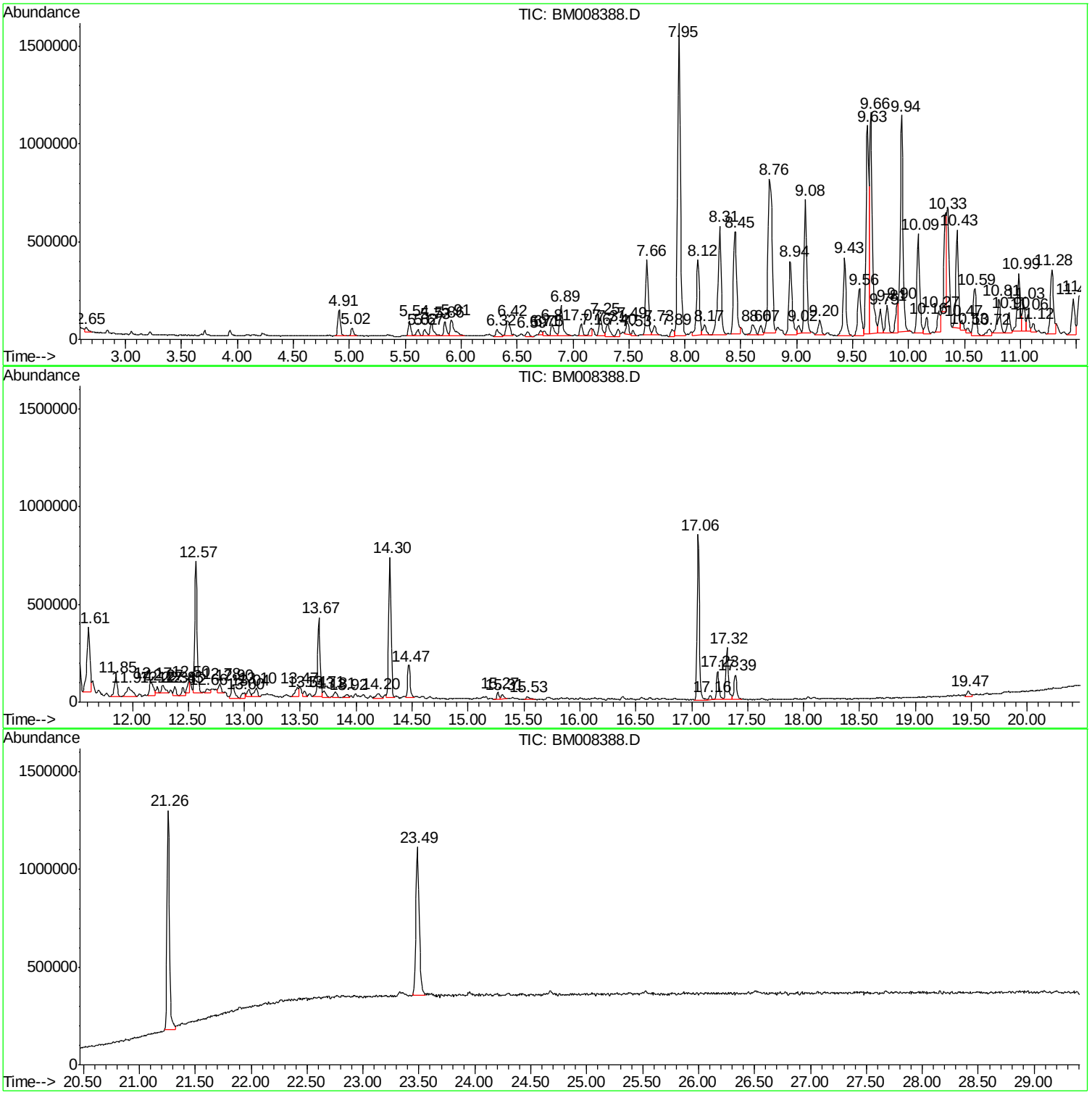
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008388.D
Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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\BM121716\
Data File : BM008388.D
Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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

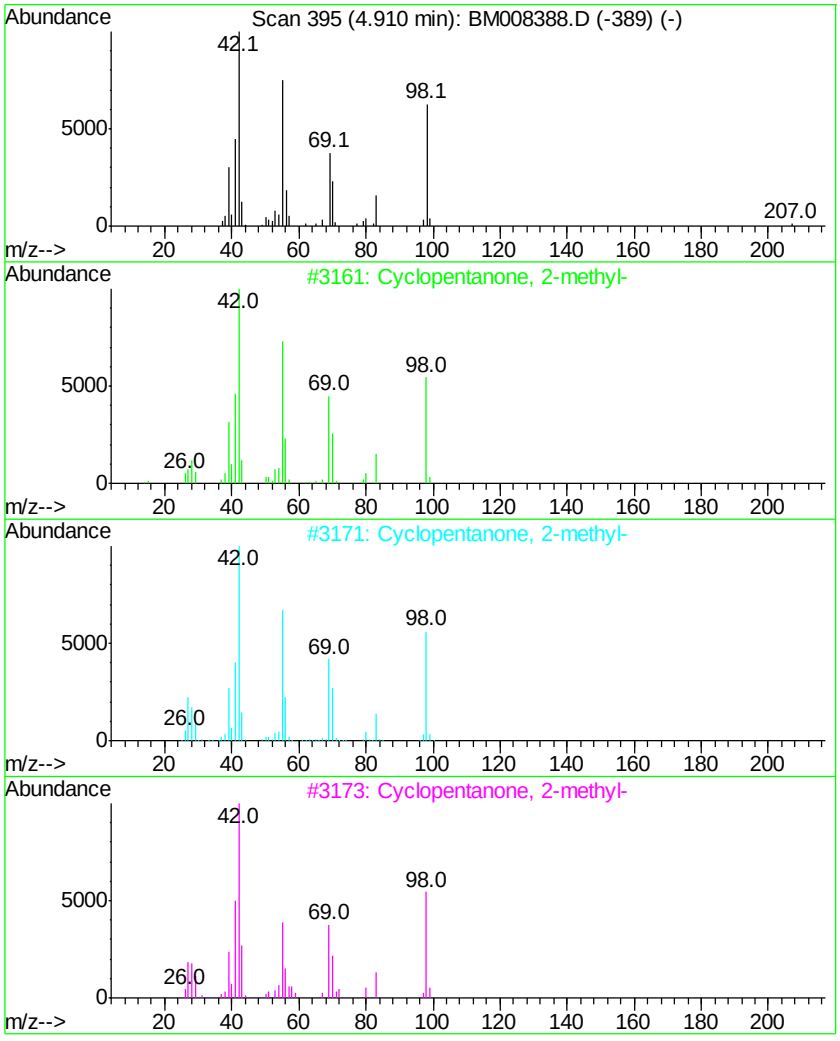
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

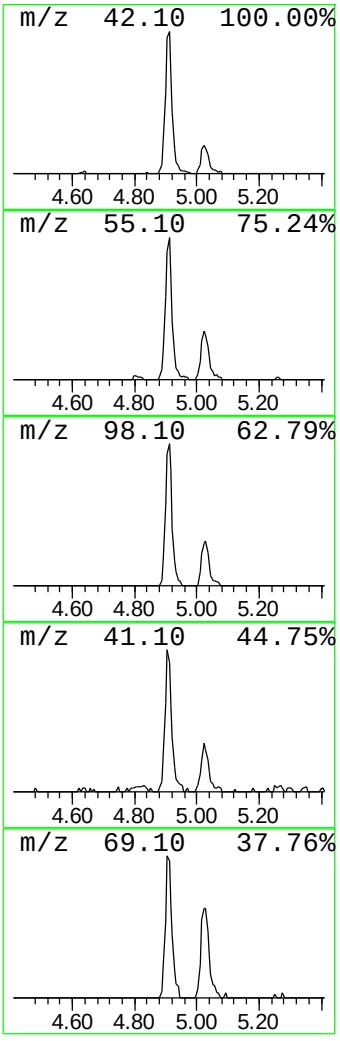
****

Peak Number 1 Cyclopentanone, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	6.38 ng/ul	212587	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	96
2	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	95
3	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	80
4	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	76
5	Cyclohexanone	98	C6H10O	000108-94-1	68





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008388.D
Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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

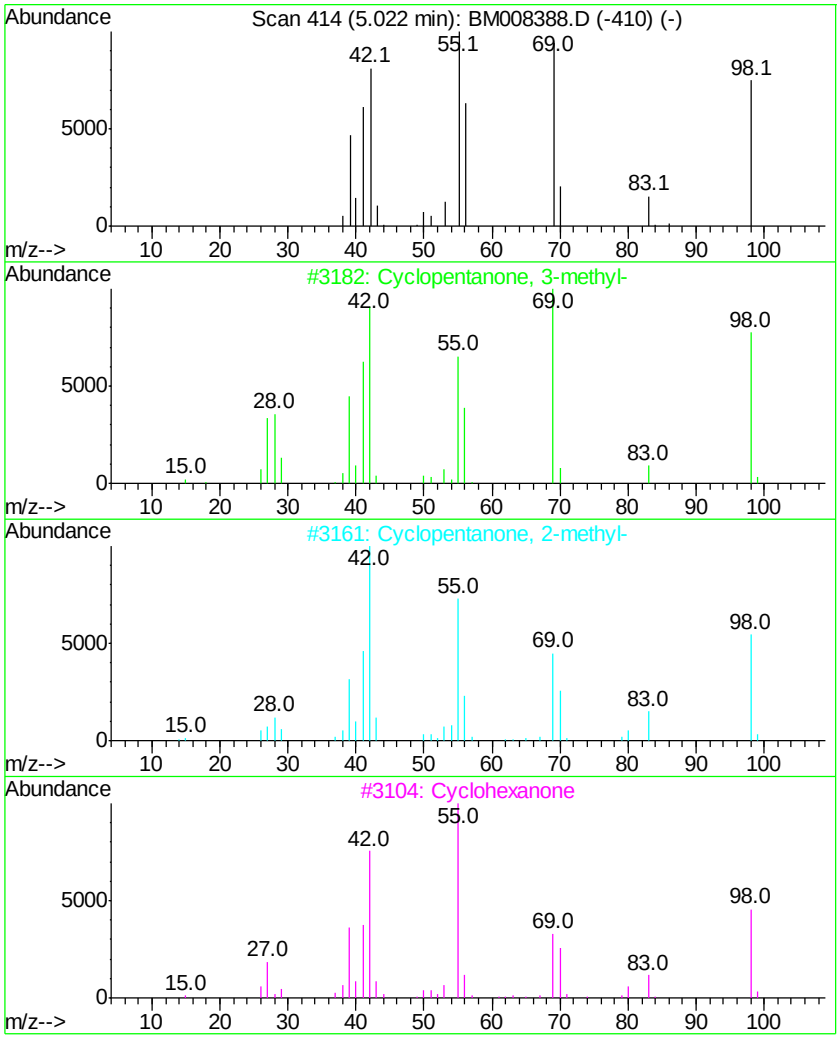
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

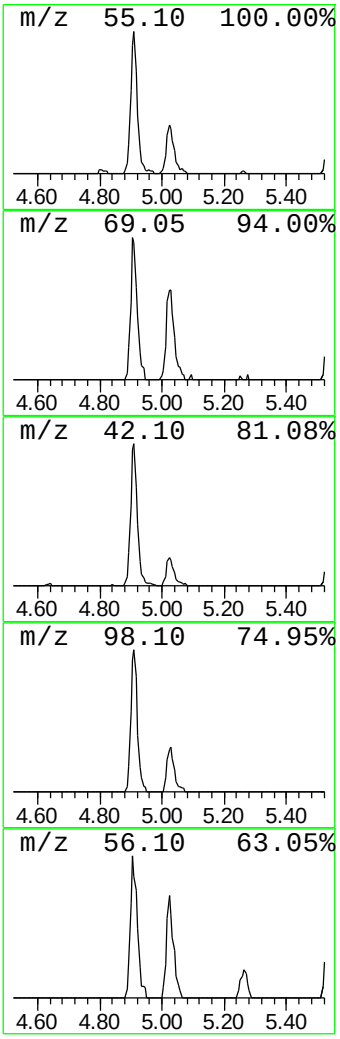
****

Peak Number 2 Cyclopentanone, 3-methyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	2.08 ng/ul	69152	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	87
2	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	59
3	Cyclohexanone	98	C6H10O	000108-94-1	43
4	Cyclobutanone, 2-ethyl-	98	C6H10O	010374-14-8	42
5	2-Pentene, 3-ethyl-	98	C7H14	000816-79-5	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008388.D
Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

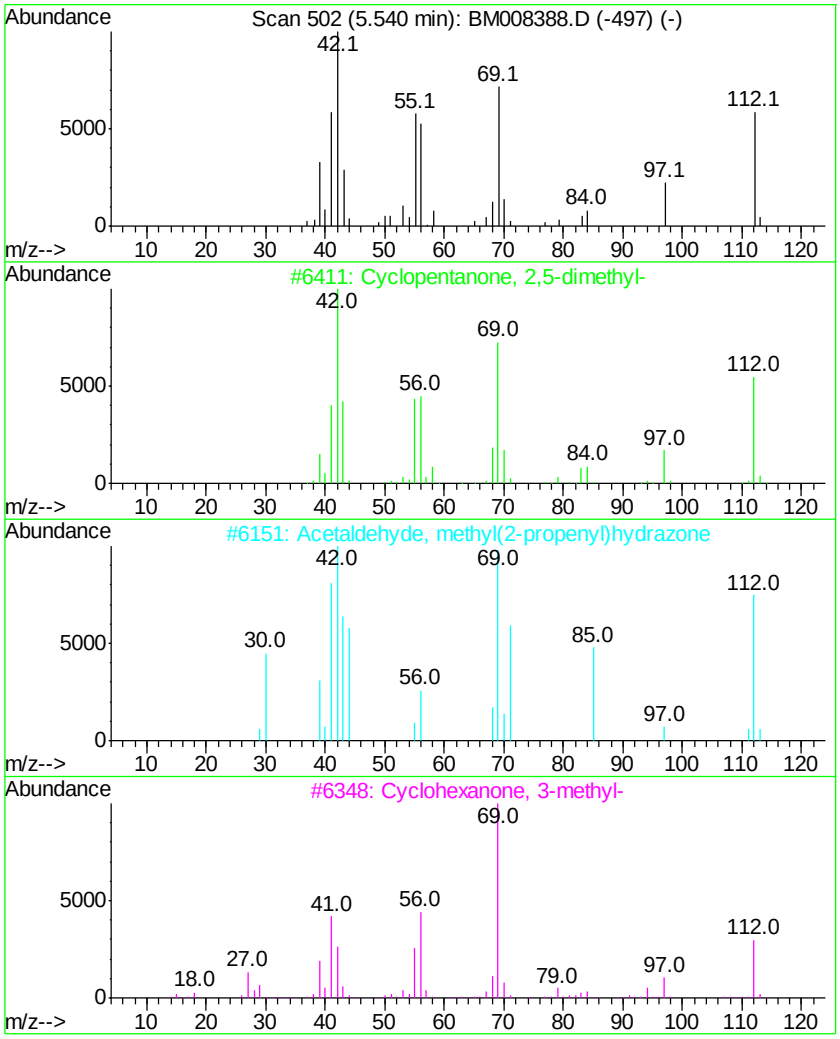
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

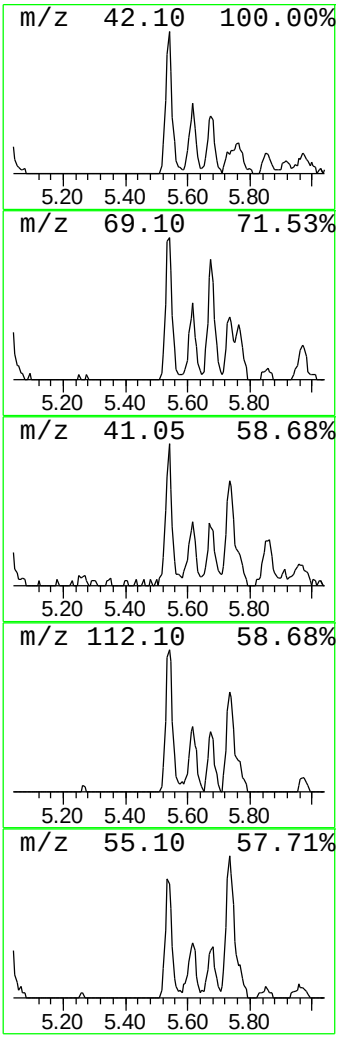
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentanone, 2,5-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	3.58 ng/ul	119222	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2,5-dimethyl-	112	C7H12O	004041-09-2	87
2	Acetaldehyde, methyl(2-propenyl)...	112	C6H12N2	066075-10-3	64
3	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	58
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	52
5	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008388.D
Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

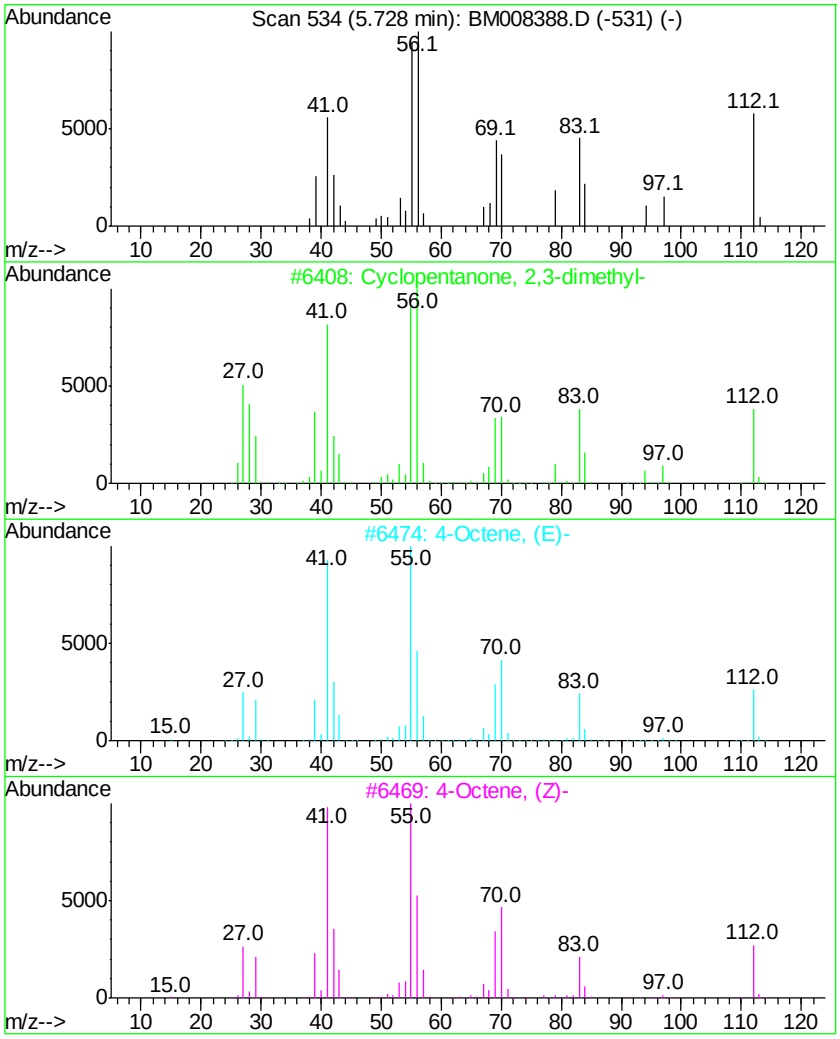
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

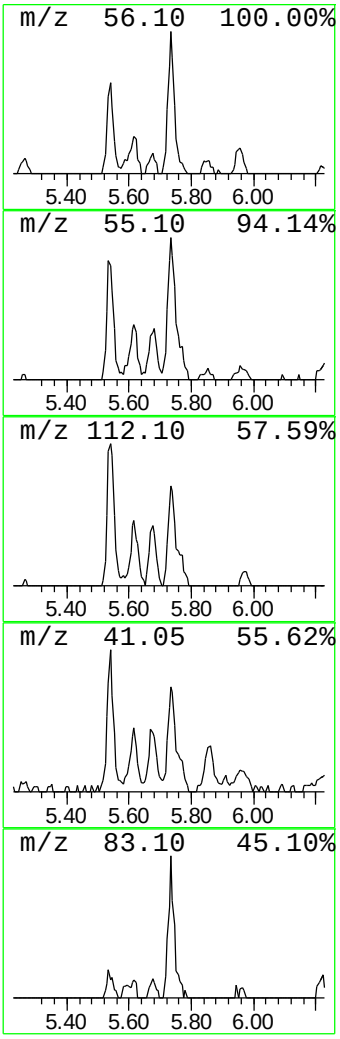
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentanone, 2,3-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	3.94 ng/ul	131168	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2,3-dimethyl-	112	C7H12O	1000151-06-7	87
2	4-Octene, (E)-	112	C8H16	014850-23-8	53
3	4-Octene, (Z)-	112	C8H16	007642-15-1	53
4	Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	52
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008388.D
Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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

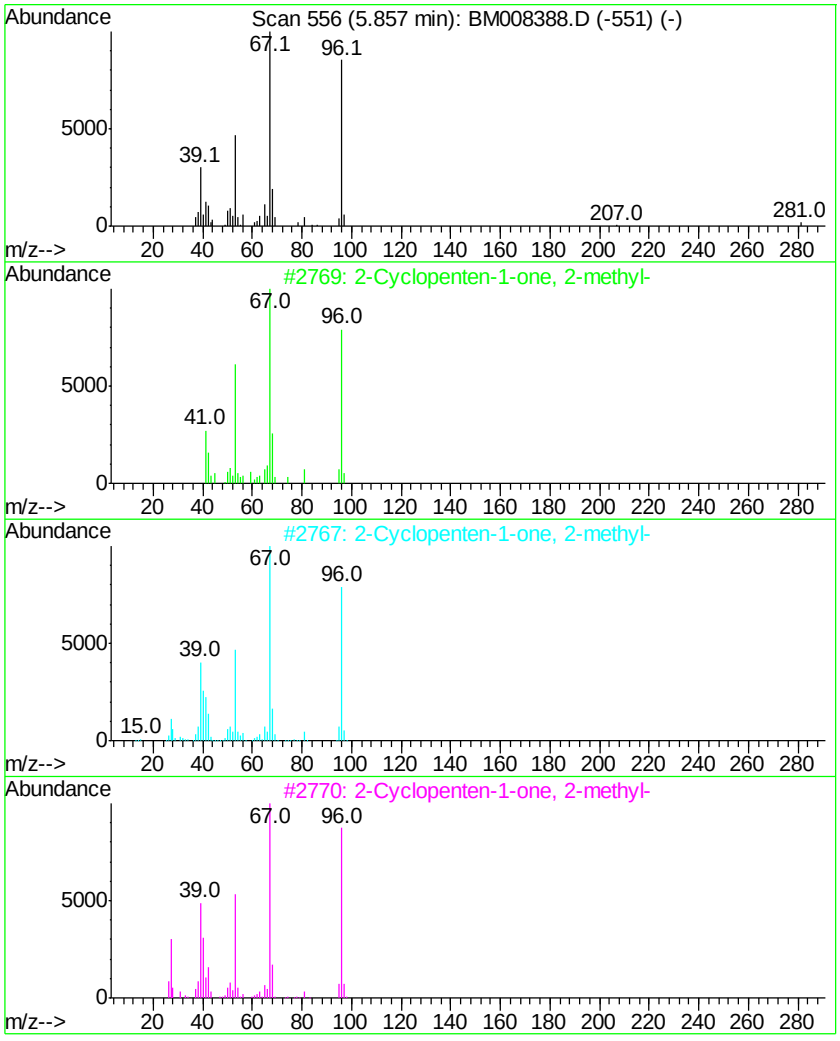
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

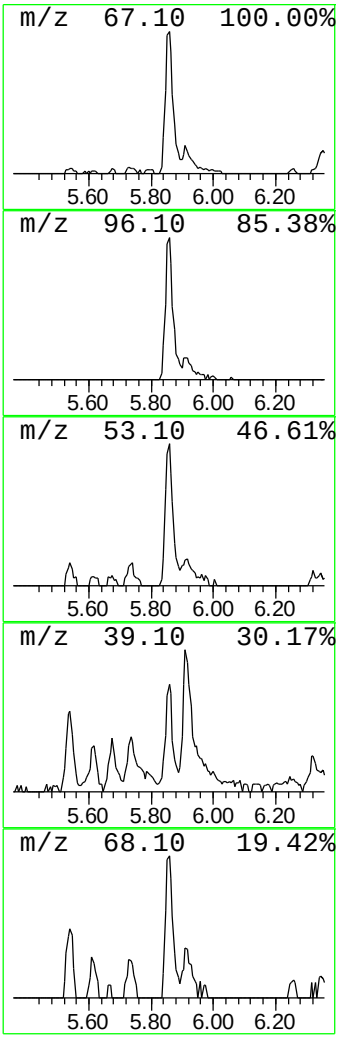
****

Peak Number 5 2-Cyclopenten-1-one, 2-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	3.75 ng/ul	124975	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	91
2	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	86
3	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	86
4	Furan, 2,4-dimethyl-	96	C6H8O	003710-43-8	64
5	Furan, 2,4-dimethyl-	96	C6H8O	003710-43-8	64





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Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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

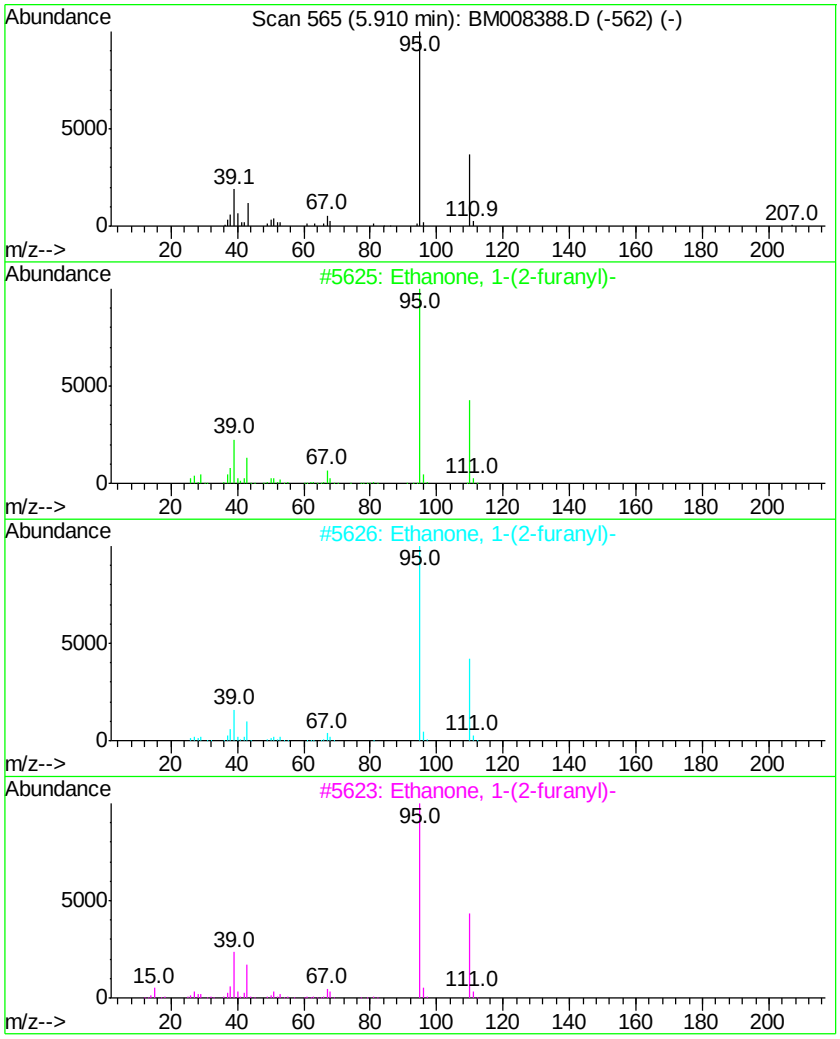
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

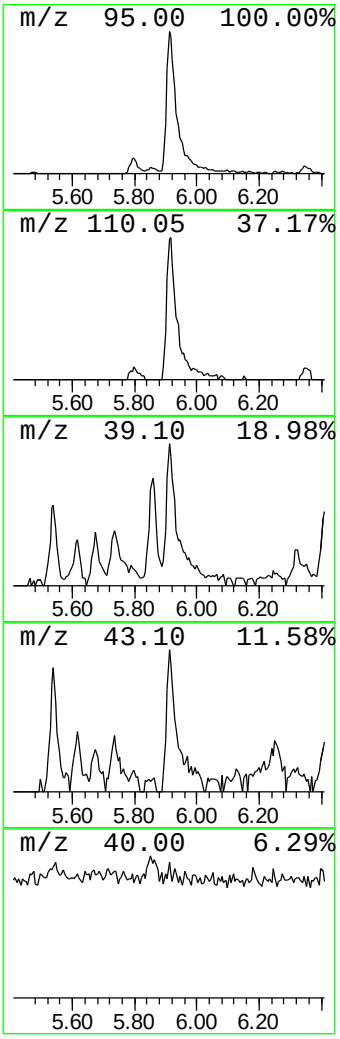
****

Peak Number 6 Ethanone, 1-(2-furanyl)- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.91	5.98 ng/ul	199184	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	90
2	Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	86
3	Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	86
4	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	72
5	4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	56





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Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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

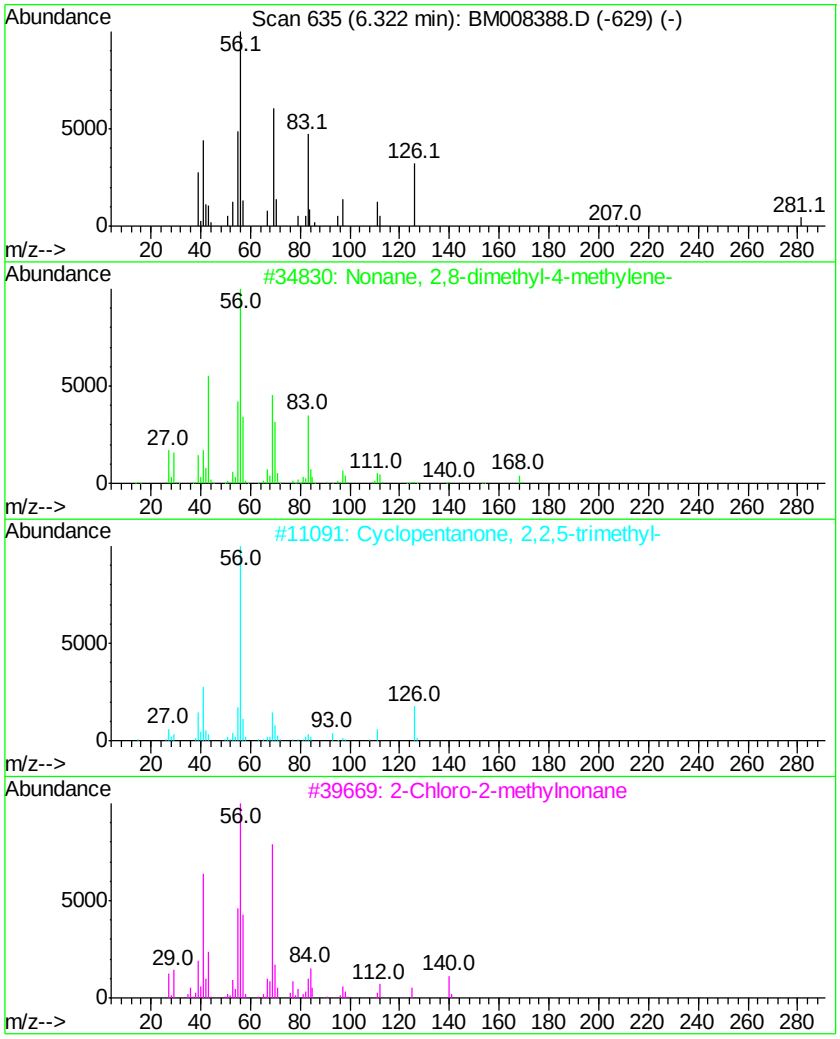
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

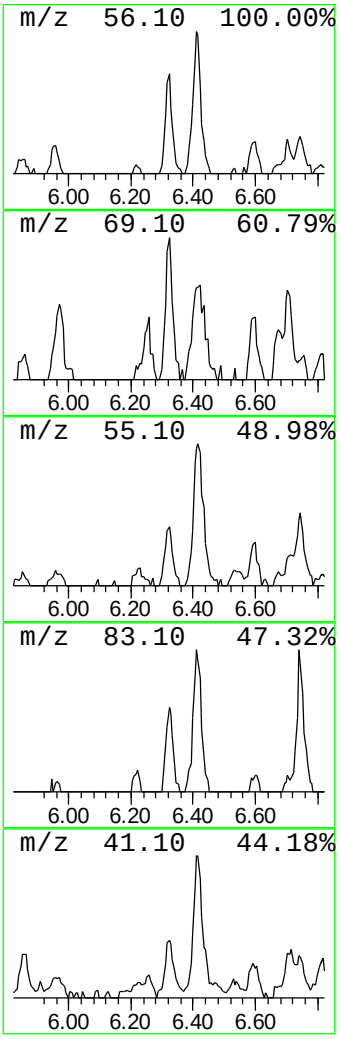
****

Peak Number 7 (DEL) Alkane: Cyclic6.32 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	2.25 ng/ul	75080	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,8-dimethyl-4-methylene-	168	C12H24	007323-15-1	64
2	Cyclopentanone, 2,2,5-trimethyl-	126	C8H14O	004573-09-5	53
3	2-Chloro-2-methylnonane	176	C10H21Cl	004325-50-2	43
4	1,3-Cyclopentanedione, 4,4-dimet...	126	C7H10O2	004683-51-6	43
5	5-Undecene, 2-methyl-, (Z)-	168	C12H24	074630-63-0	43





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Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

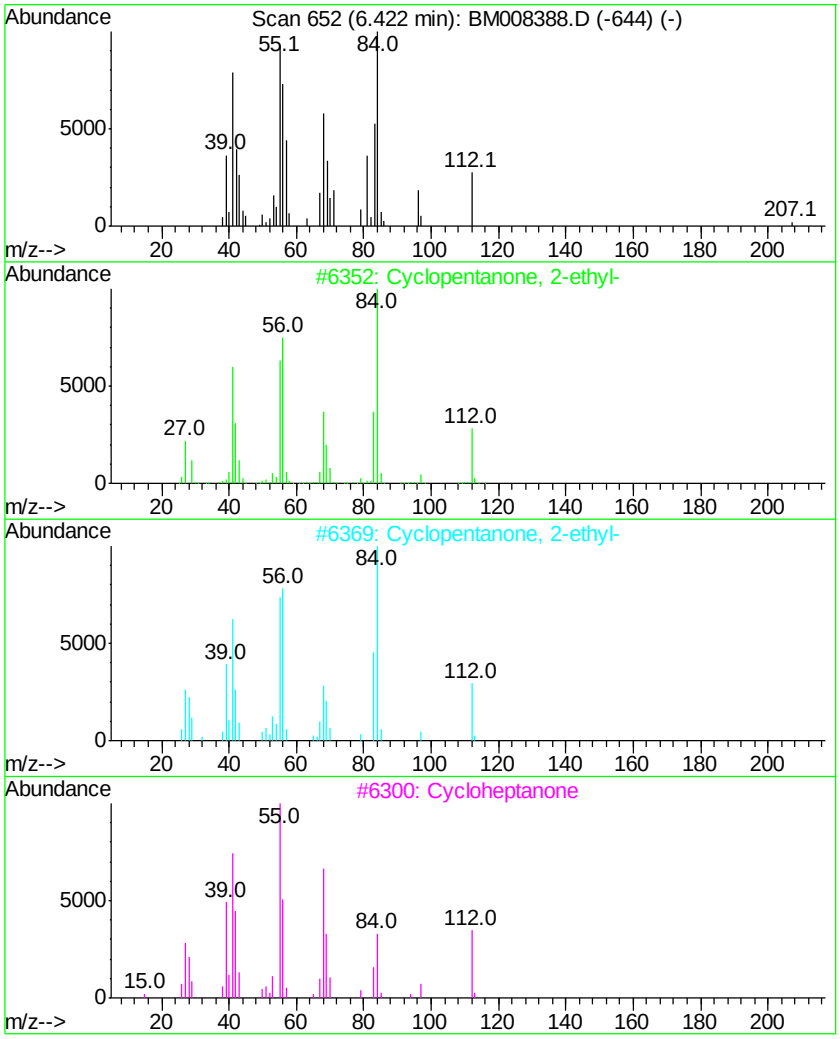
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

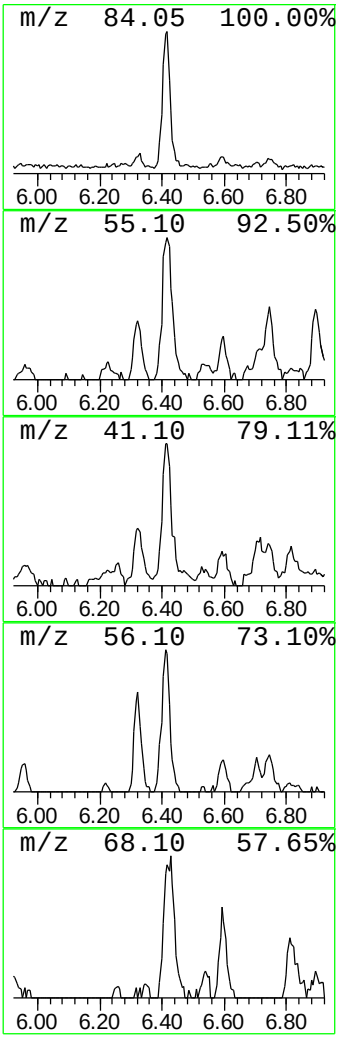
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclopentanone, 2-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	5.74 ng/ul	191104	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	91
2	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	83
3	Cycloheptanone	112	C7H12O	000502-42-1	38
4	2-Heptene, 6-methyl-	112	C8H16	073548-72-8	30
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	27





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Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

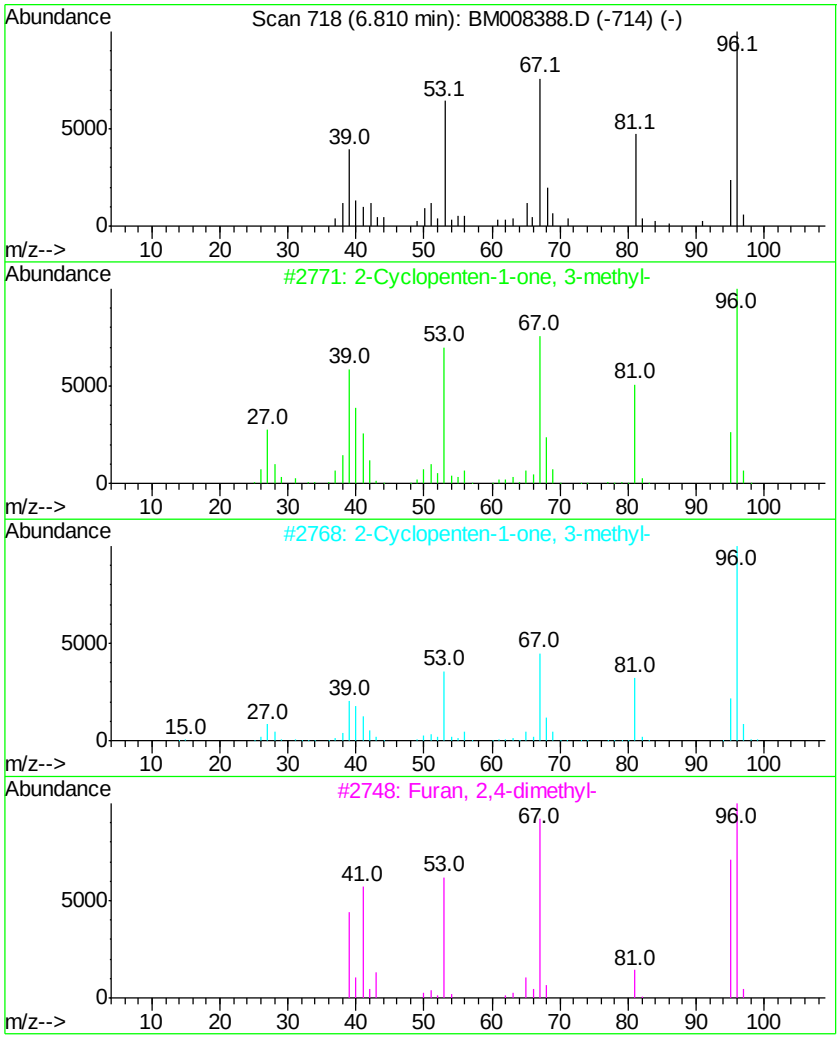
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

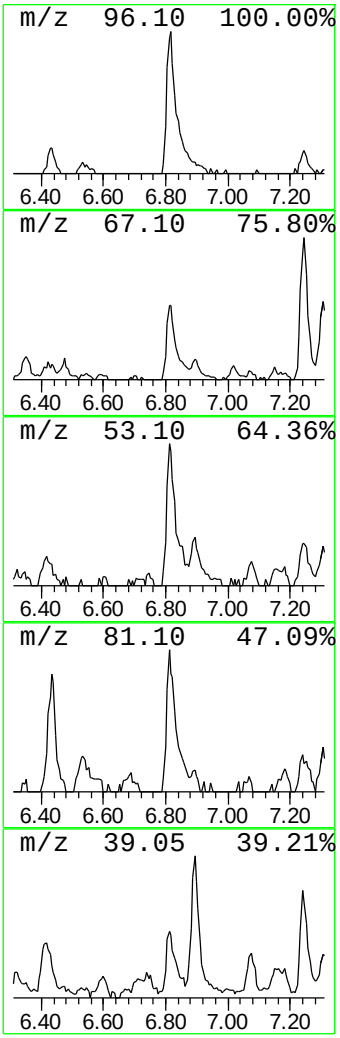
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Cyclopenten-1-one, 3-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	3.84 ng/ul	127763	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	94
2	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	93
3	Furan, 2,4-dimethyl-	96	C6H8O	003710-43-8	87
4	Furan, 2,4-dimethyl-	96	C6H8O	003710-43-8	86
5	1,3-Butadiene, 2-methyl-	68	C5H8	000078-79-5	50





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Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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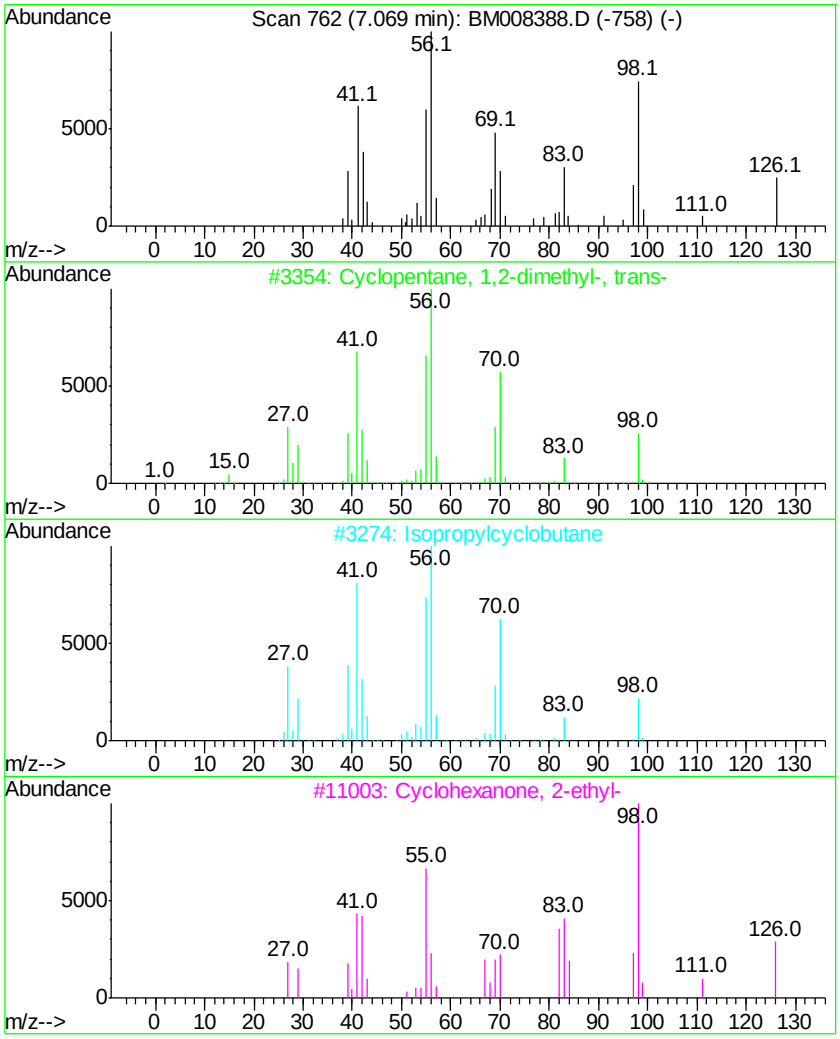
Quant Title : SVOA CALIBRATION

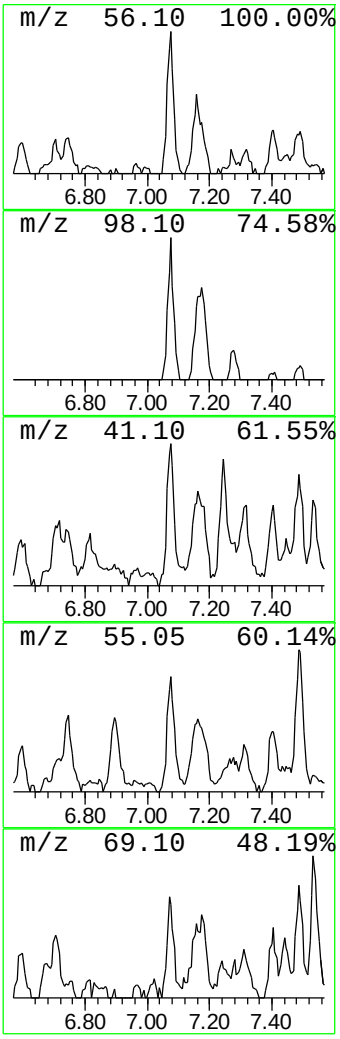
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic7.07 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	2.91 ng/ul	97086	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	68
2	Isopropylcyclobutane	98	C7H14	000872-56-0	68
3	Cyclohexanone, 2-ethyl-	126	C8H14O	004423-94-3	58
4	Cycloheptanone, 2-methyl-	126	C8H14O	000932-56-9	53
5	1,3-Cyclopentanedione, 4-ethyl-	126	C7H10O2	057157-03-6	52





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Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

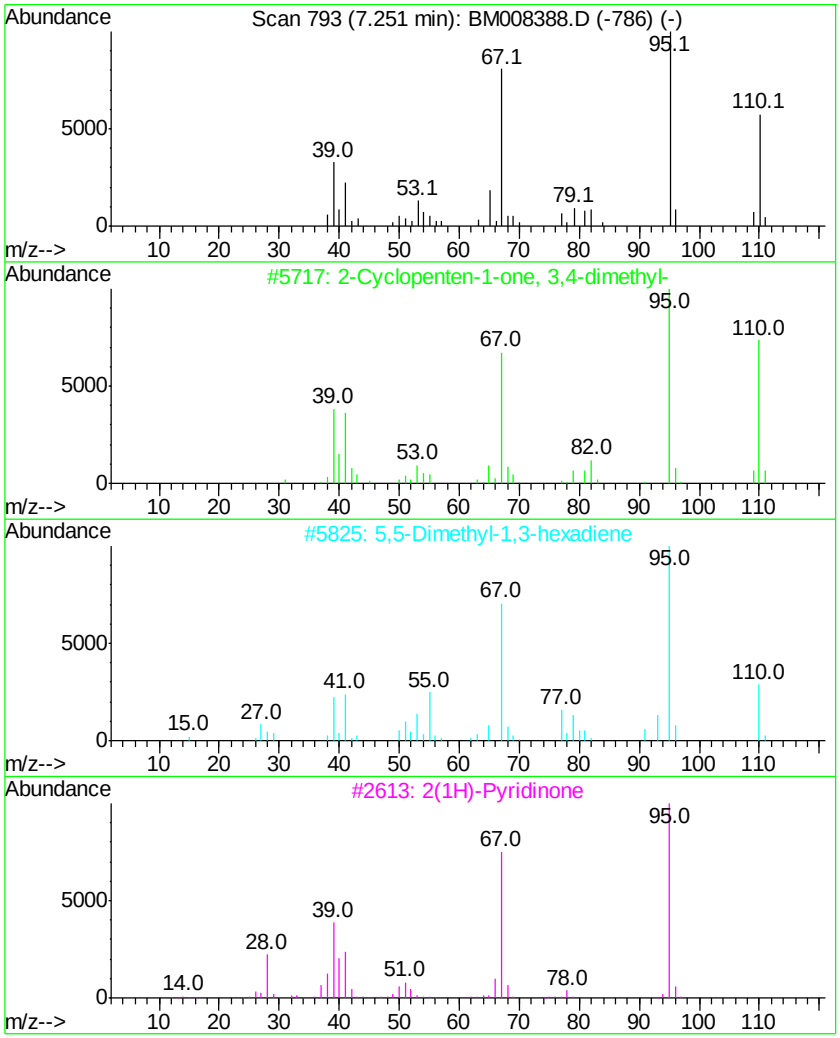
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

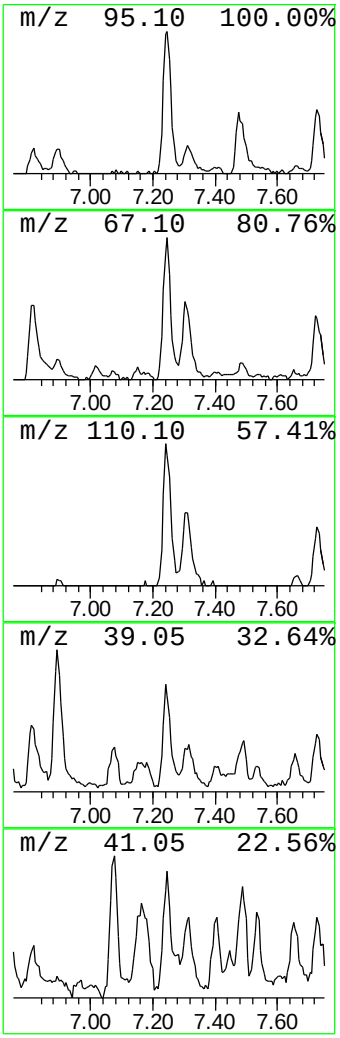
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2-Cyclopenten-1-one, 3,4-di... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	5.06 ng/ul	168704	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	93
2	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	80
3	2(1H)-Pyridinone	95	C5H5NO	000142-08-5	52
4	trans,trans-3,5-Heptadien-2-one	110	C7H10O	018402-90-9	49
5	Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	43





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Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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

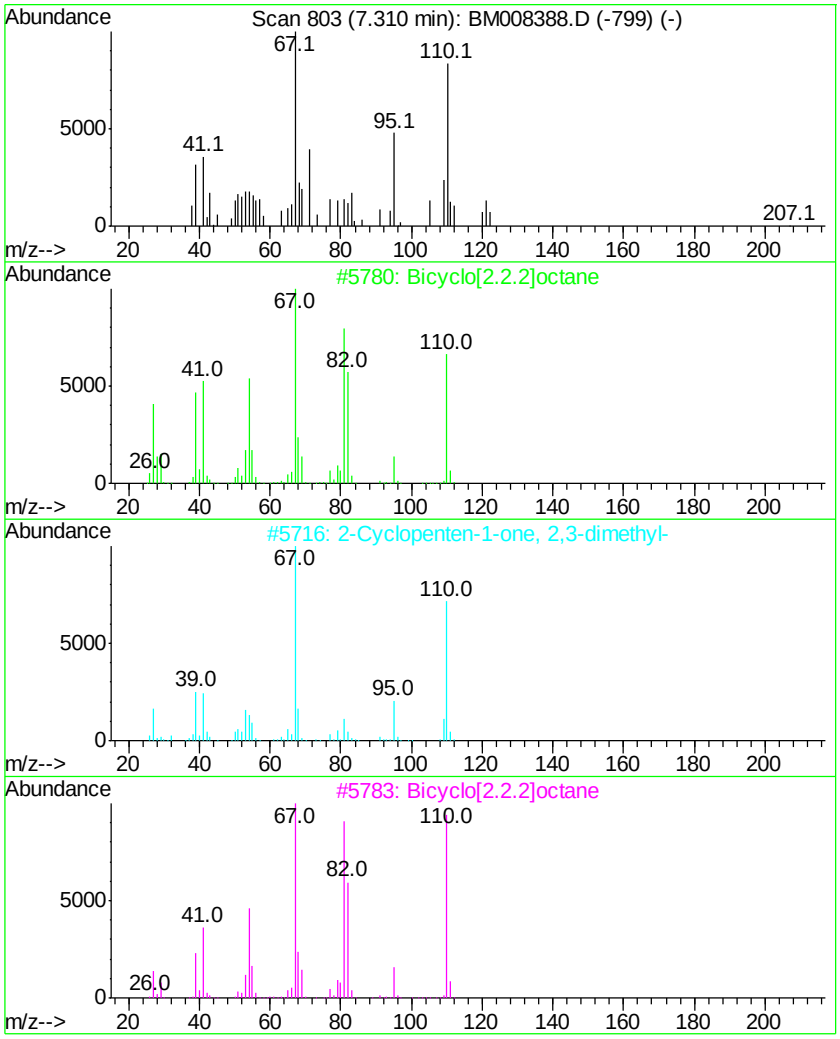
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

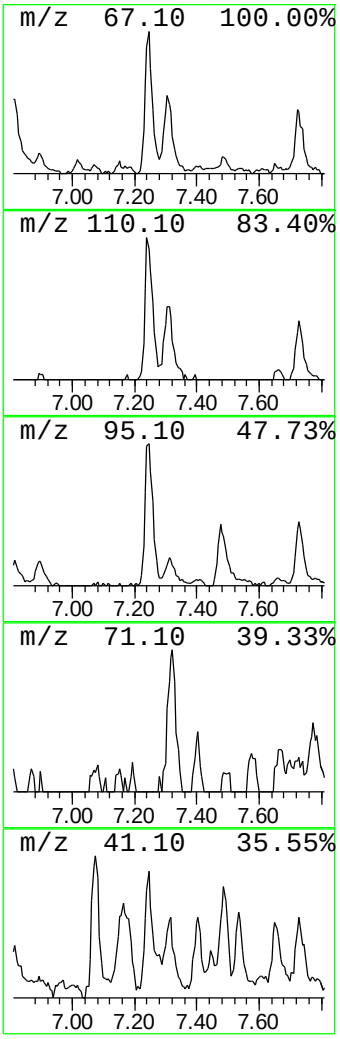
****

Peak Number 12 Bicyclo[2.2.2]octane Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	3.95 ng/ul	131718	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	52
2	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	52
3	Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	50
4	Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	47
5	1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	38





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Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

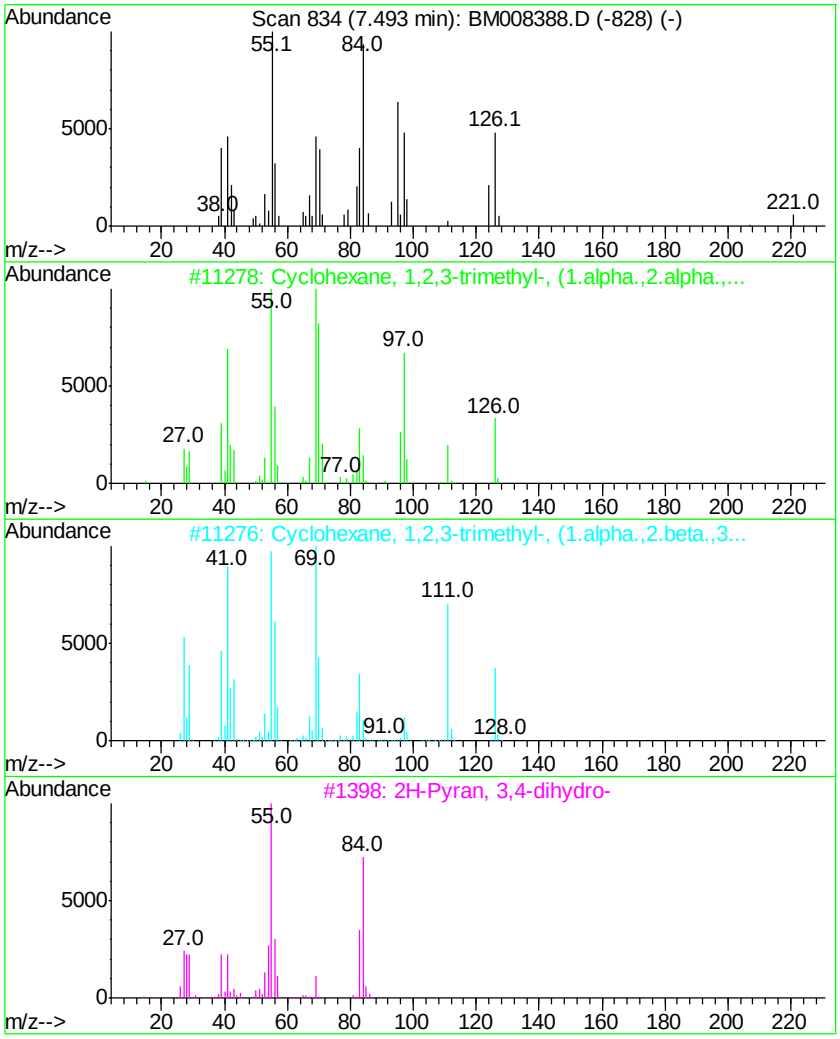
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

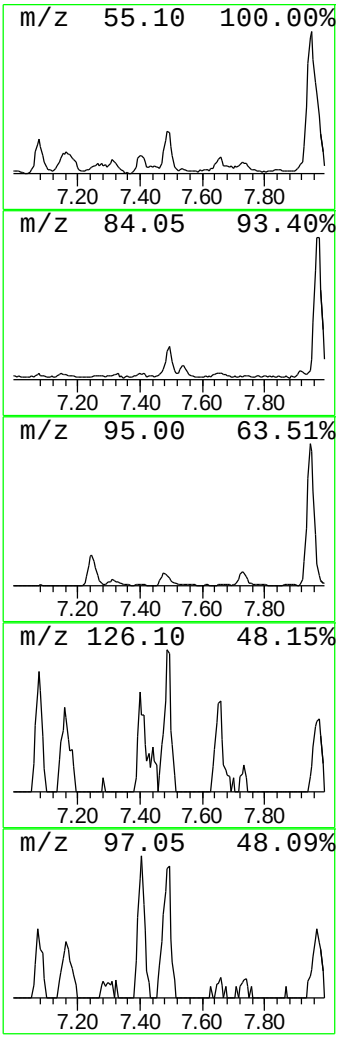
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic7.49 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	3.00 ng/ul	99852	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	30
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	25
3	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	25
4	trans--4-Nonene	126	C9H18	010405-85-3	22
5	cis-4-Nonene	126	C9H18	010405-84-2	22





Library Search Compound Report

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Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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

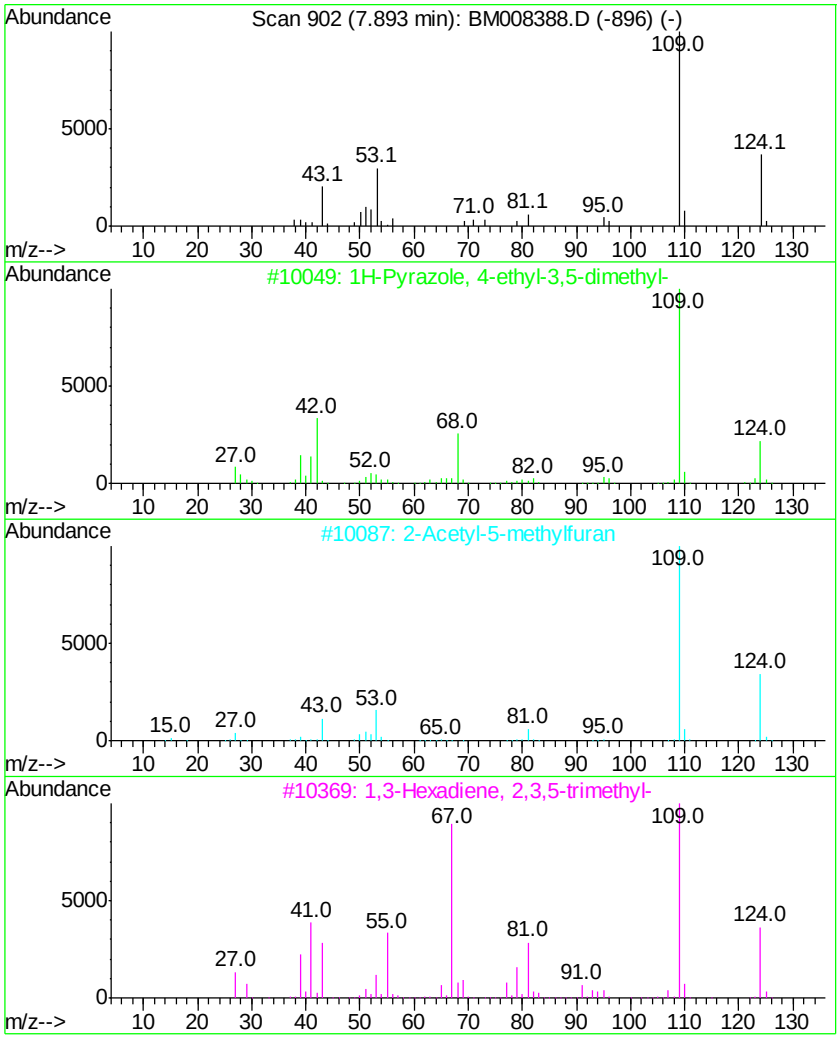
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

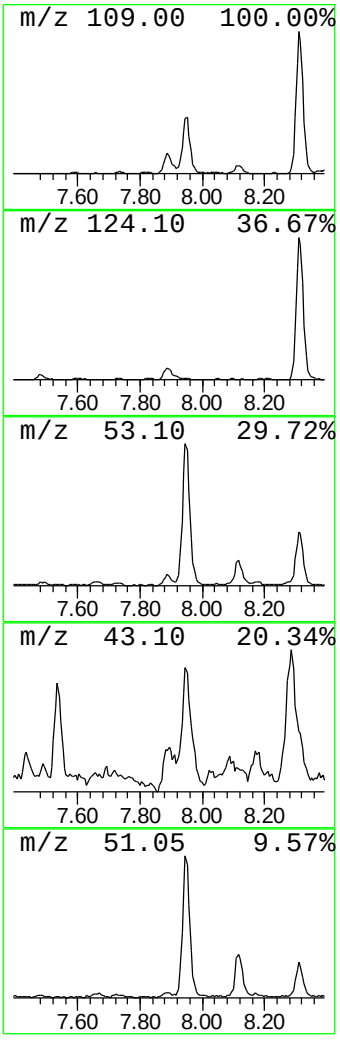
****

Peak Number 15 1H-Pyrazole, 4-ethyl-3,5-di... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	2.01 ng/ul	67077	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 4-ethyl-3,5-dimethyl-	124	C7H12N2	007554-67-8	80
2	2-Acetyl-5-methylfuran	124	C7H8O2	001193-79-9	72
3	1,3-Hexadiene, 2,3,5-trimethyl-	124	C9H16	061142-34-5	72
4	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	64
5	2-Cyclopenten-1-one, 3,5,5-trime...	124	C8H12O	024156-95-4	64





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Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

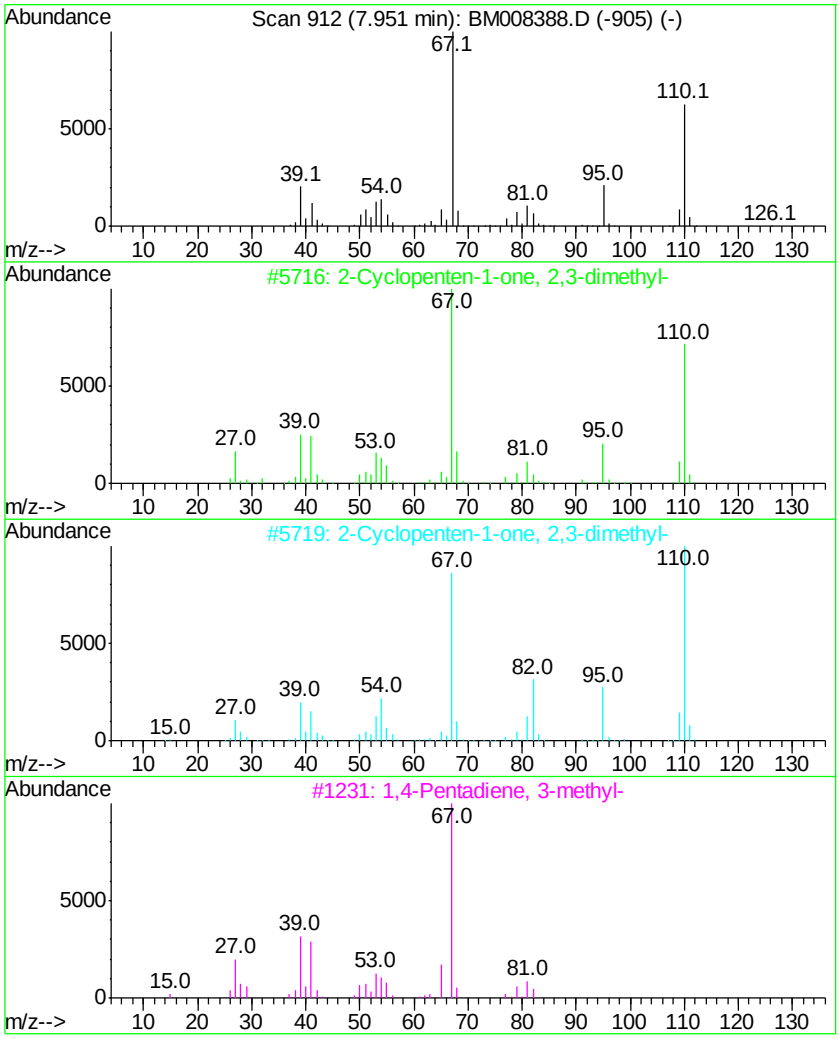
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

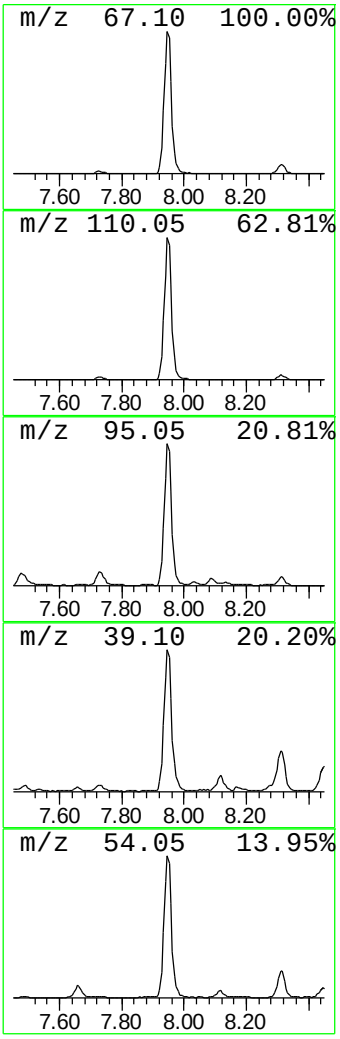
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	83.74 ng/ul	2789940	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	94
2	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	68
3	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	53
4	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	49
5	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	49





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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Quant Title : SVOA CALIBRATION

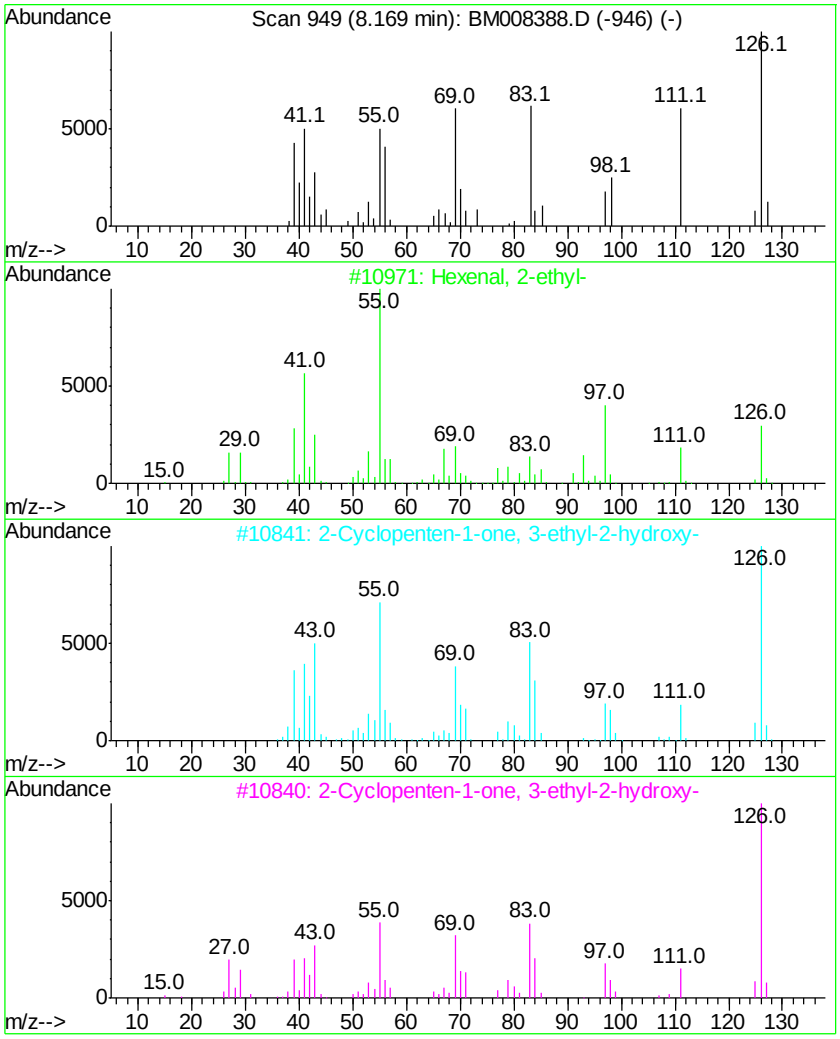
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

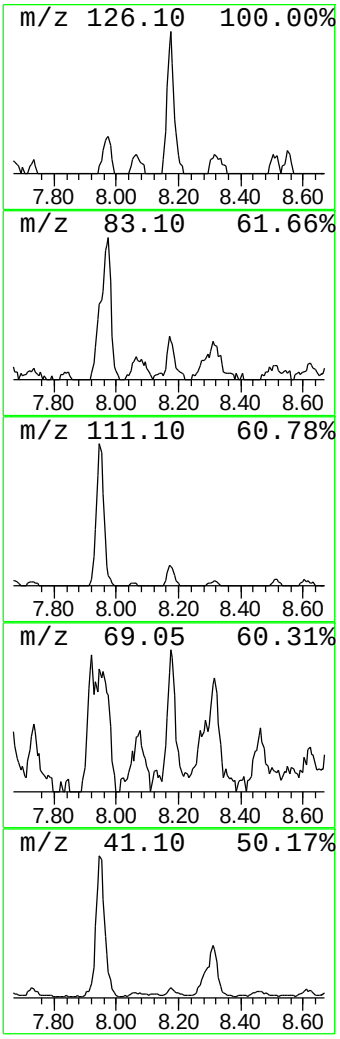
****

Peak Number 17 Hexenal, 2-ethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	3.25 ng/ul	108430	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexenal, 2-ethyl-	126	C8H14O	026266-68-2	64
2	2-Cyclopenten-1-one, 3-ethyl-2-h...	126	C7H10O2	021835-01-8	52
3	2-Cyclopenten-1-one, 3-ethyl-2-h...	126	C7H10O2	021835-01-8	52
4	Benzene, 1-fluoro-2-methoxy-	126	C7H7FO	000321-28-8	50
5	Benzene, 1-fluoro-2-methoxy-	126	C7H7FO	000321-28-8	50





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Data File : BM008388.D
Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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

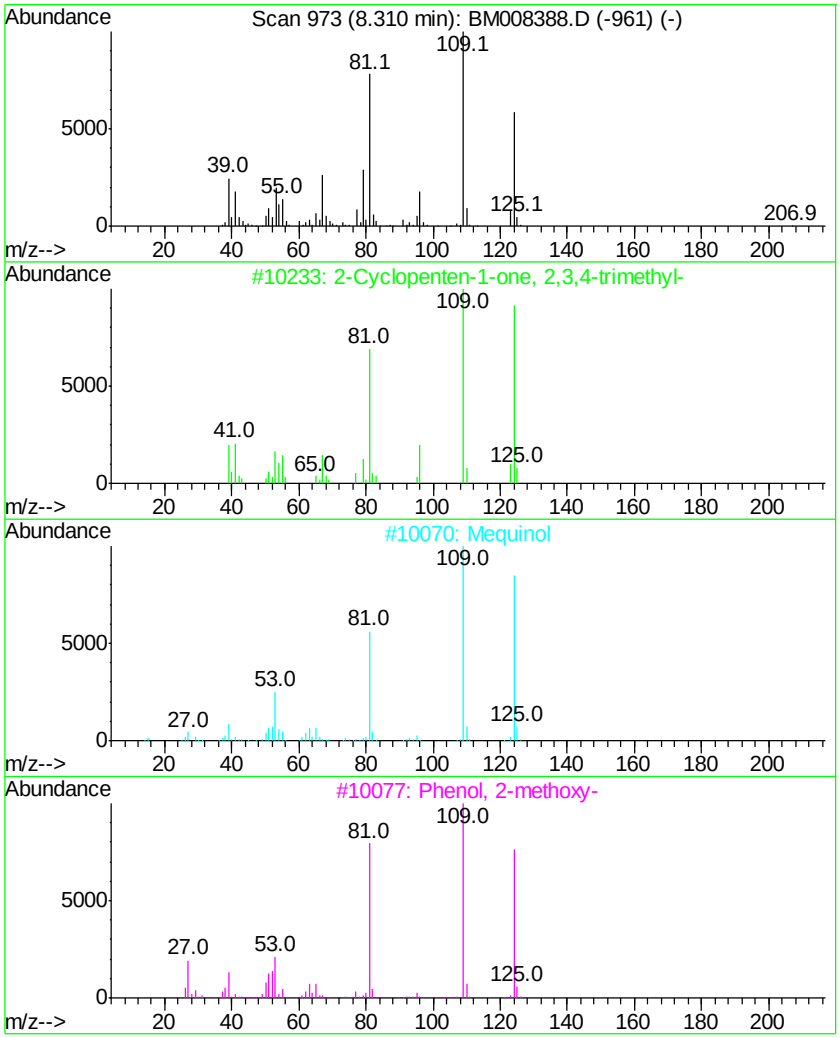
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

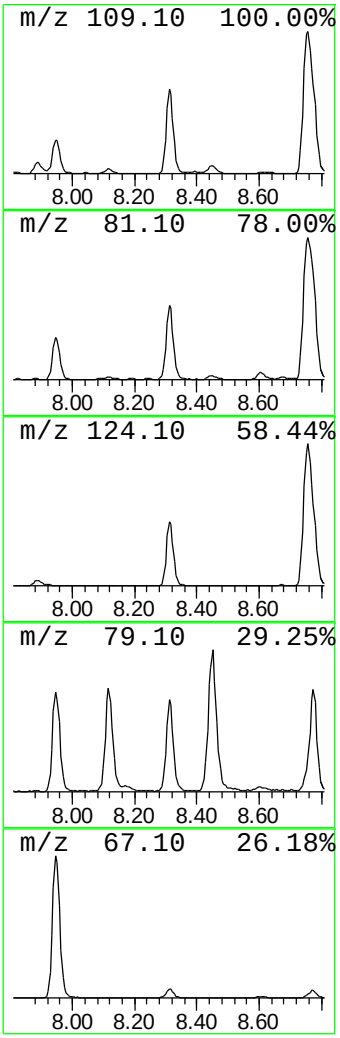
****

Peak Number 18 2-Cyclopenten-1-one, 2,3,4-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	33.67 ng/ul	1121730	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	87
2	Mequinol	124	C7H8O2	000150-76-5	81
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	81
4	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	76
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	74





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Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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

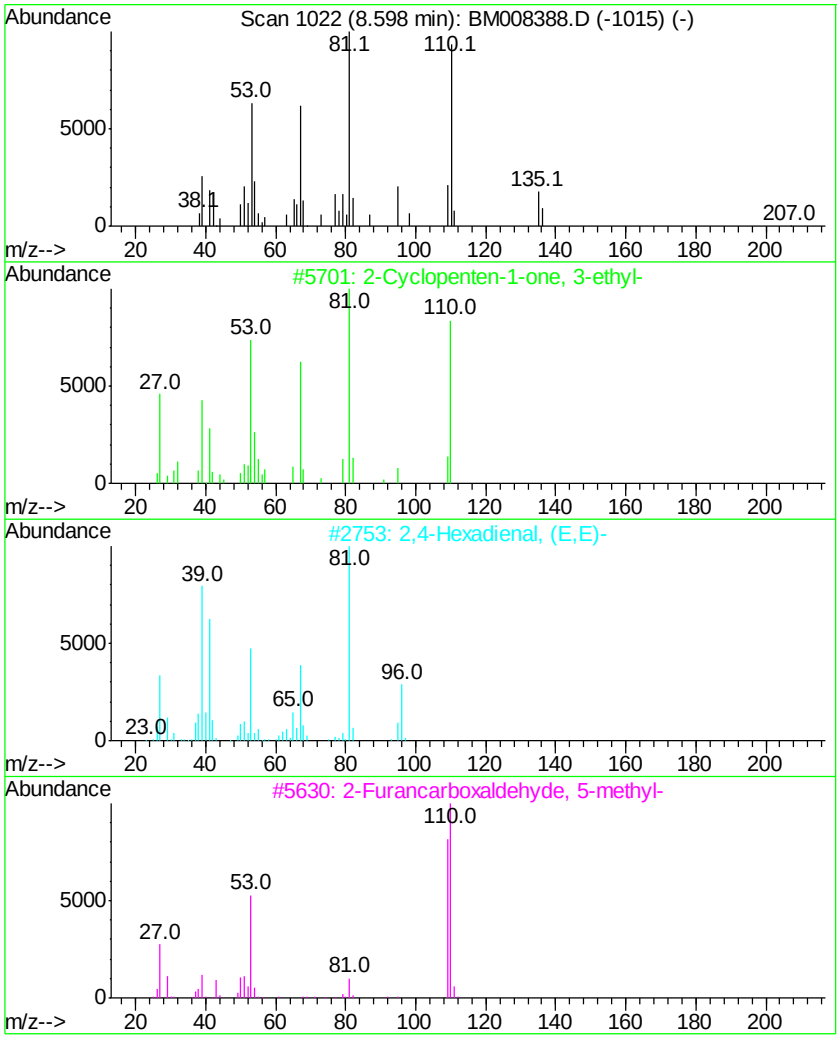
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

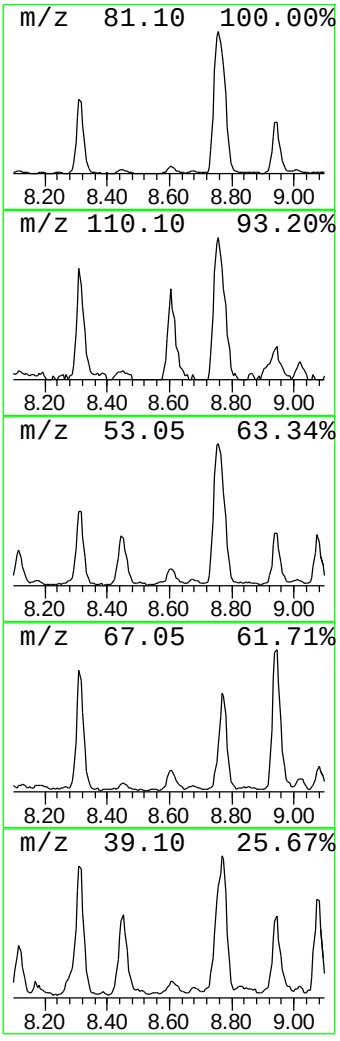
****

Peak Number 19 2-Cyclopenten-1-one, 3-ethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	3.61 ng/ul	120166	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-ethyl-	110	C7H10O	005682-69-9	87
2	2,4-Hexadienal, (E,E)-	96	C6H8O	000142-83-6	50
3	2-Furancarboxaldehyde, 5-methyl-	110	C6H6O2	000620-02-0	49
4	2,4-Octadiene	110	C8H14	013643-08-8	47
5	2-Furancarboxaldehyde, 5-methyl-	110	C6H6O2	000620-02-0	47





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Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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

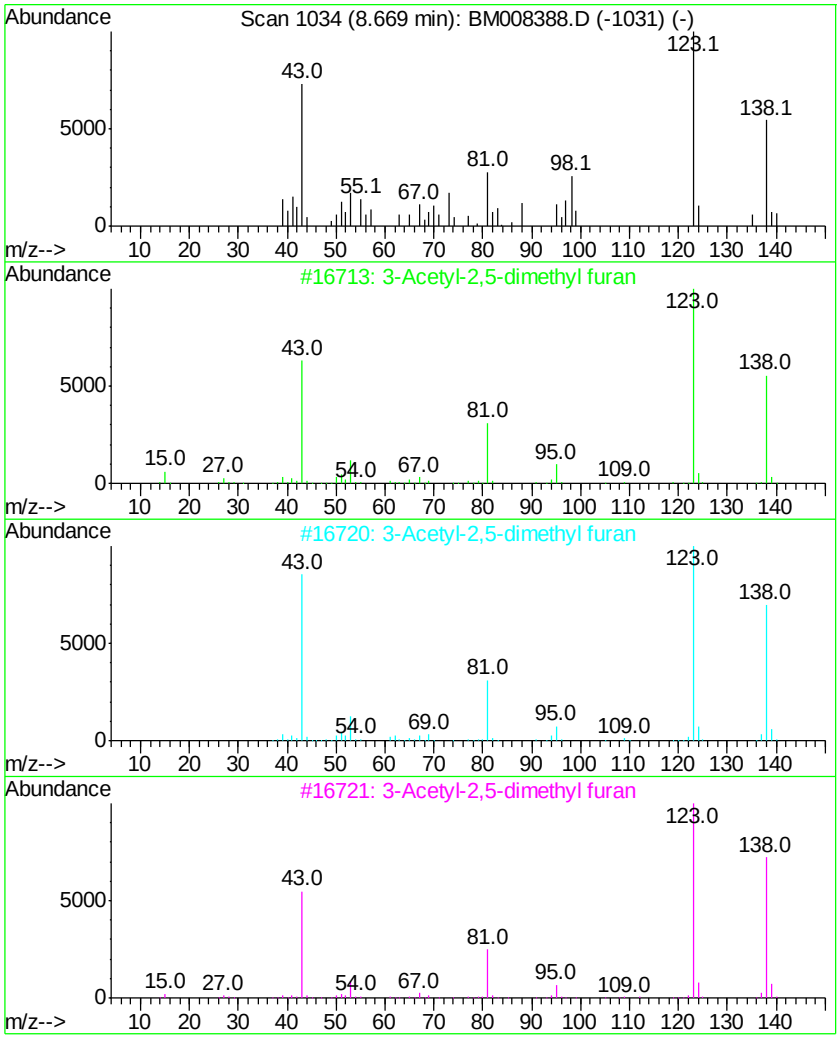
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

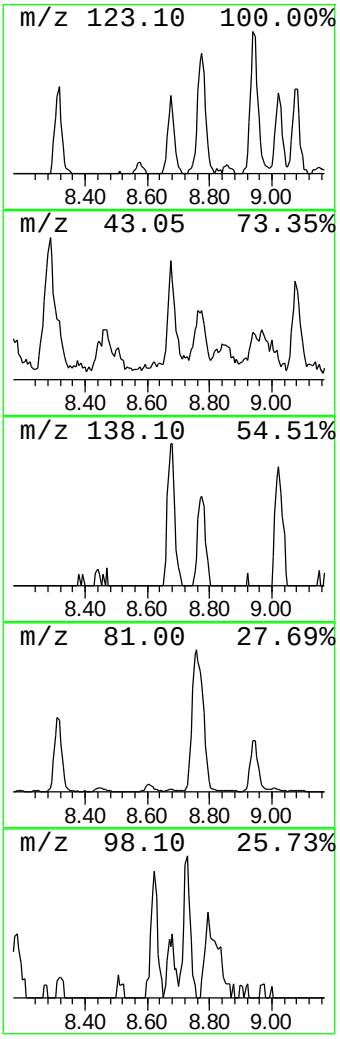
****

Peak Number 20 3-Acetyl-2,5-dimethyl furan Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	2.42 ng/ul	80476	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acetyl-2,5-dimethyl furan	138	C8H10O2	010599-70-9	58
2	3-Acetyl-2,5-dimethyl furan	138	C8H10O2	010599-70-9	52
3	3-Acetyl-2,5-dimethyl furan	138	C8H10O2	010599-70-9	52
4	3,5-Dimethyl-2-furyl methyl ketone	138	C8H10O2	022940-86-9	50
5	Benzene, 2-fluoro-1,3,5-trimethyl-	138	C9H11F	000392-69-8	50





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Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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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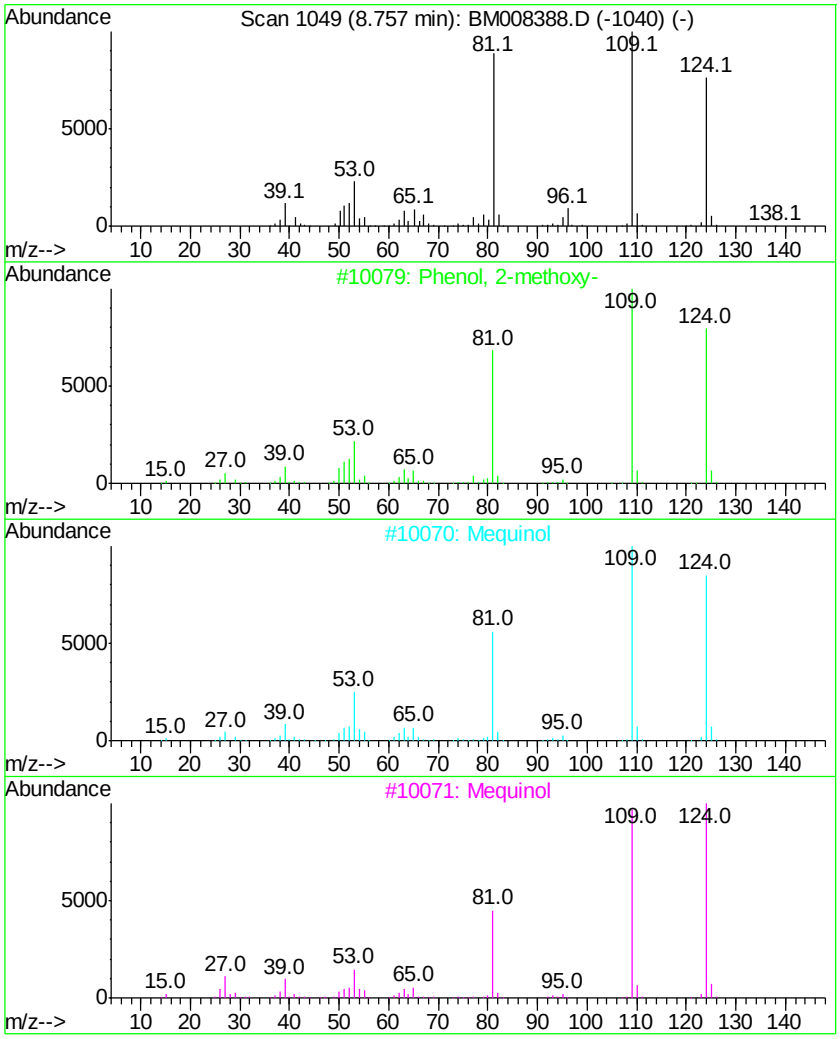
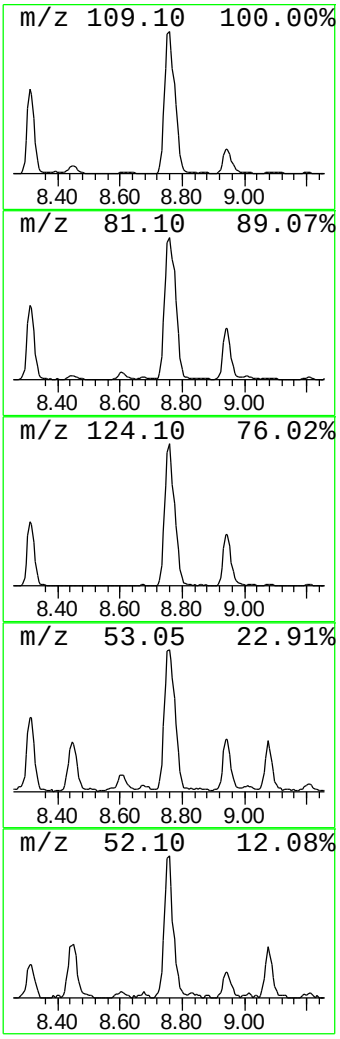
Peak Number 21 Phenol, 2-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	60.25 ng/ul	2007300	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2	Mequinol	124	C7H8O2	000150-76-5	92
3	Mequinol	124	C7H8O2	000150-76-5	91
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90





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Data File : BM008388.D
Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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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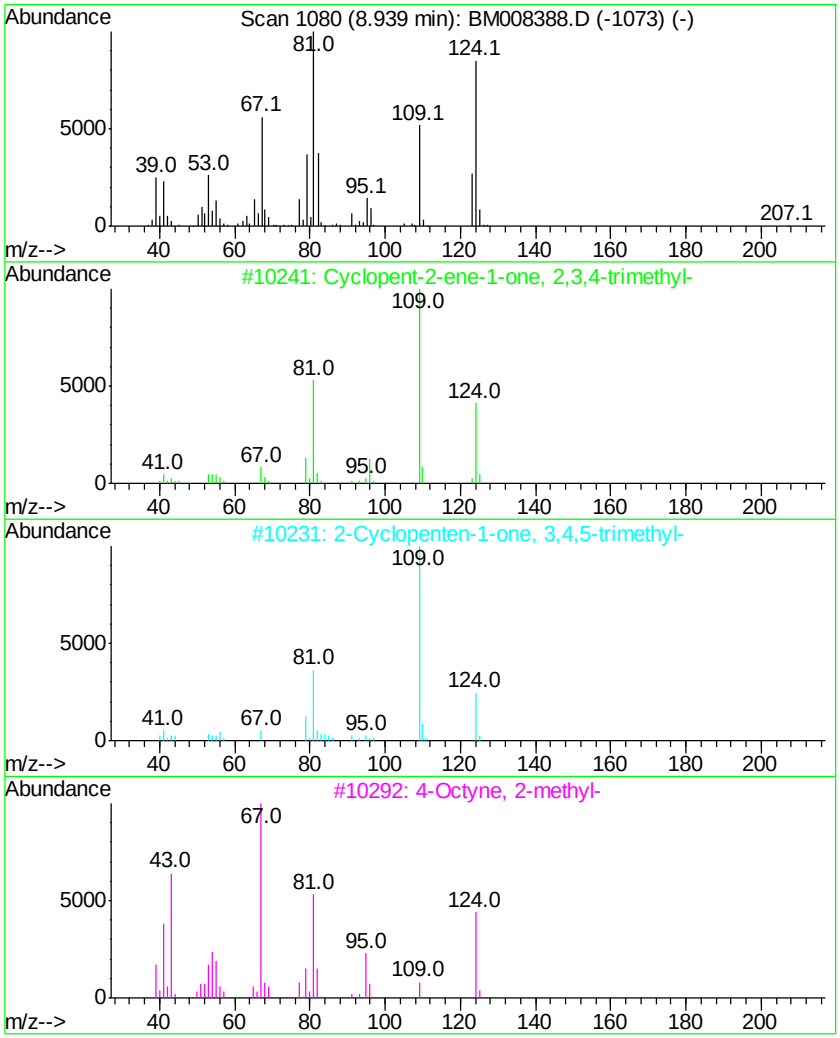
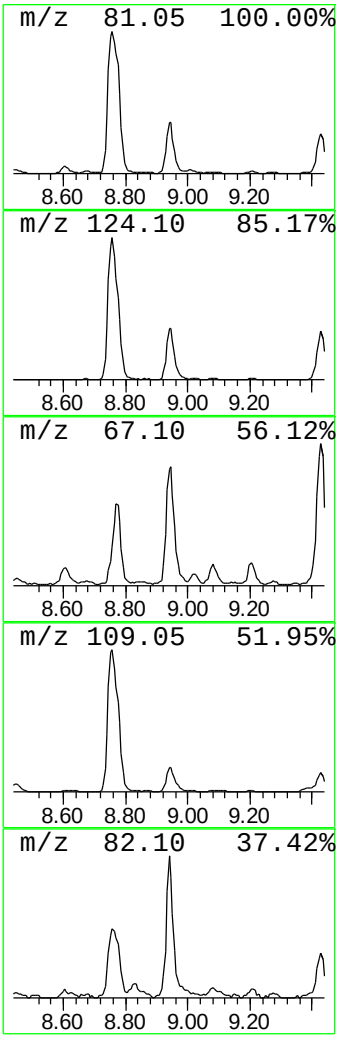
Peak Number 22 Cyclopent-2-ene-1-one, 2,3,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	22.03 ng/ul	734004	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	64
2	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	58
3	4-Octyne, 2-methyl-	124	C9H16	010306-94-2	58
4	Cyclohexanone, 3-ethenyl-	124	C8H12O	001740-63-2	53
5	2-Cyclopenten-1-one, 3,5,5-trime...	124	C8H12O	024156-95-4	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
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Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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Quant Title : SVOA CALIBRATION

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

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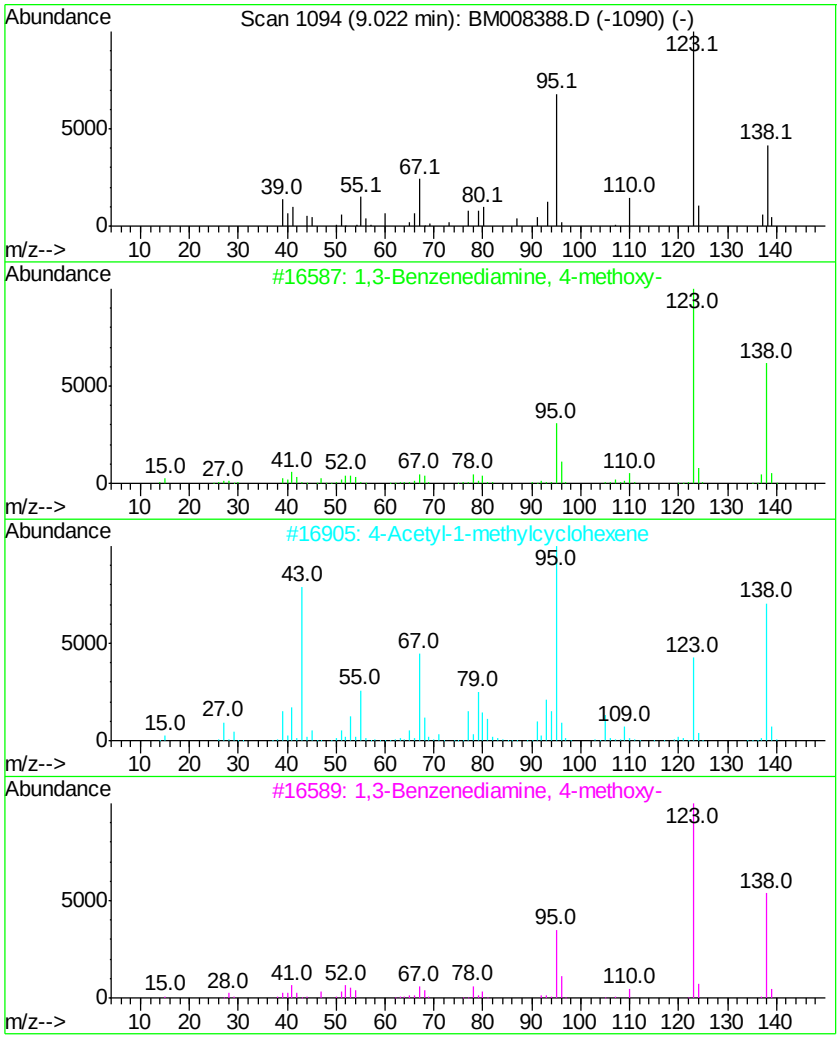
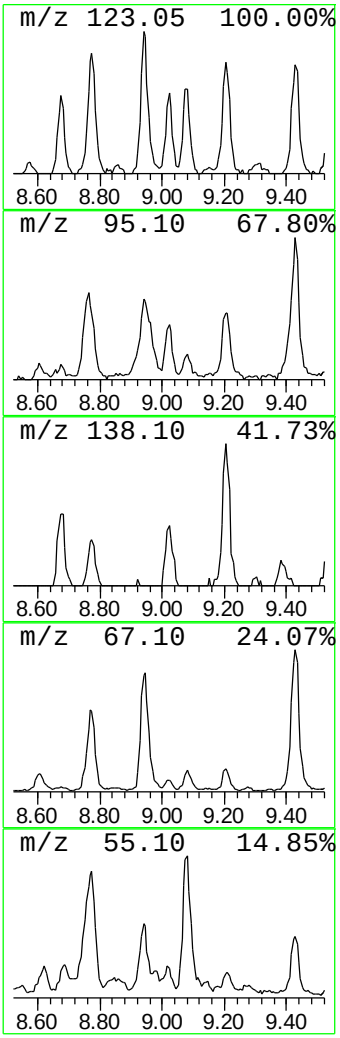
Peak Number 23 unknown-01 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	2.02 ng/ul	67399	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	47
2	4-Acetyl-1-methylcyclohexene	138	C9H14O	006090-09-1	47
3	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	47
4	2-Butanone, 4-cyclopentylidene-	138	C9H14O	051004-21-8	43
5	Cyclopentene, 1,2,3,4,5-pentamet...	138	C10H18	1000154-28-6	38





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Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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Quant Title : SVOA CALIBRATION

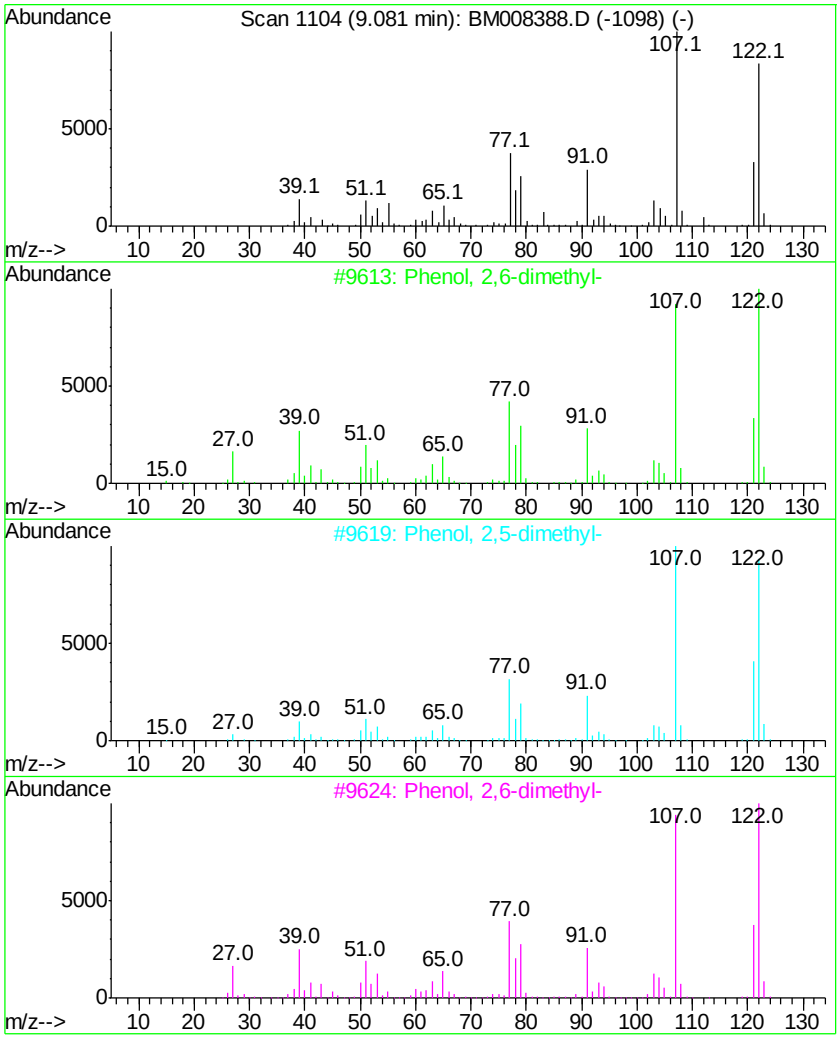
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

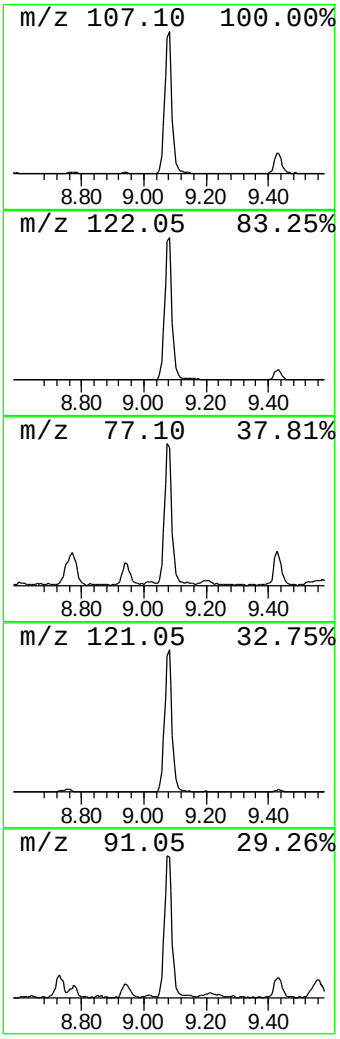
****

Peak Number 24 Phenol, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	26.98 ng/ul	1120290	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	96
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	96





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Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

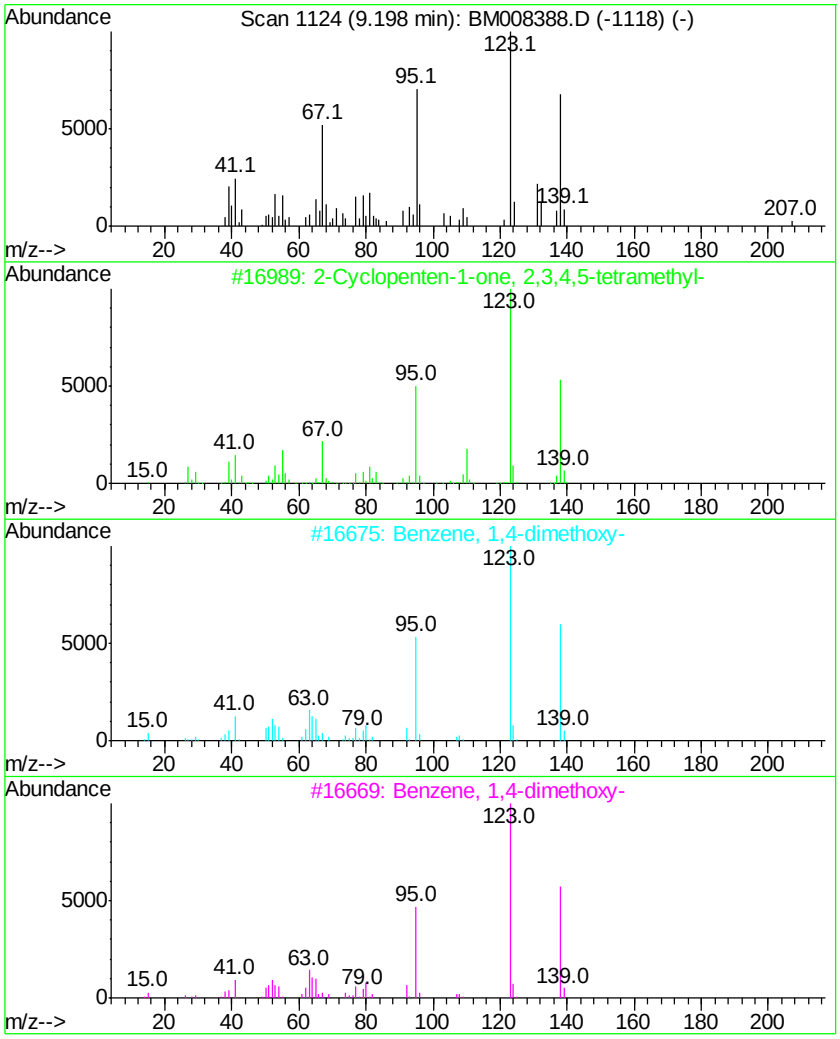
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

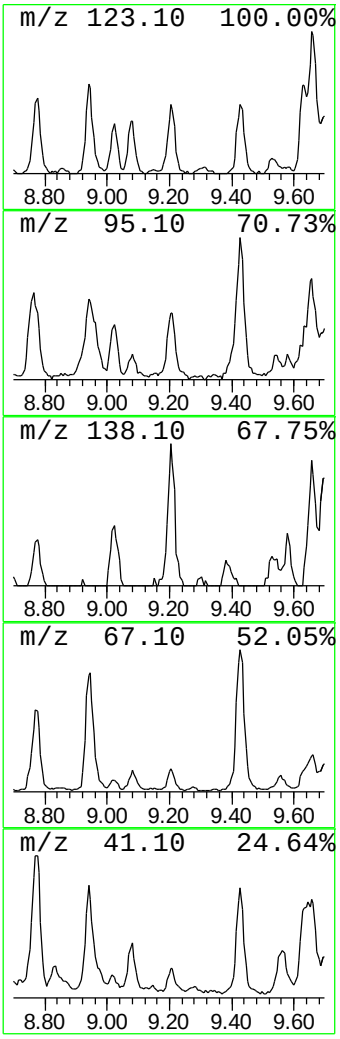
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 2-Cyclopenten-1-one, 2,3,4,... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	3.44 ng/ul	142989	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	74
2	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	58
3	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	58
4	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	58
5	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	52





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Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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

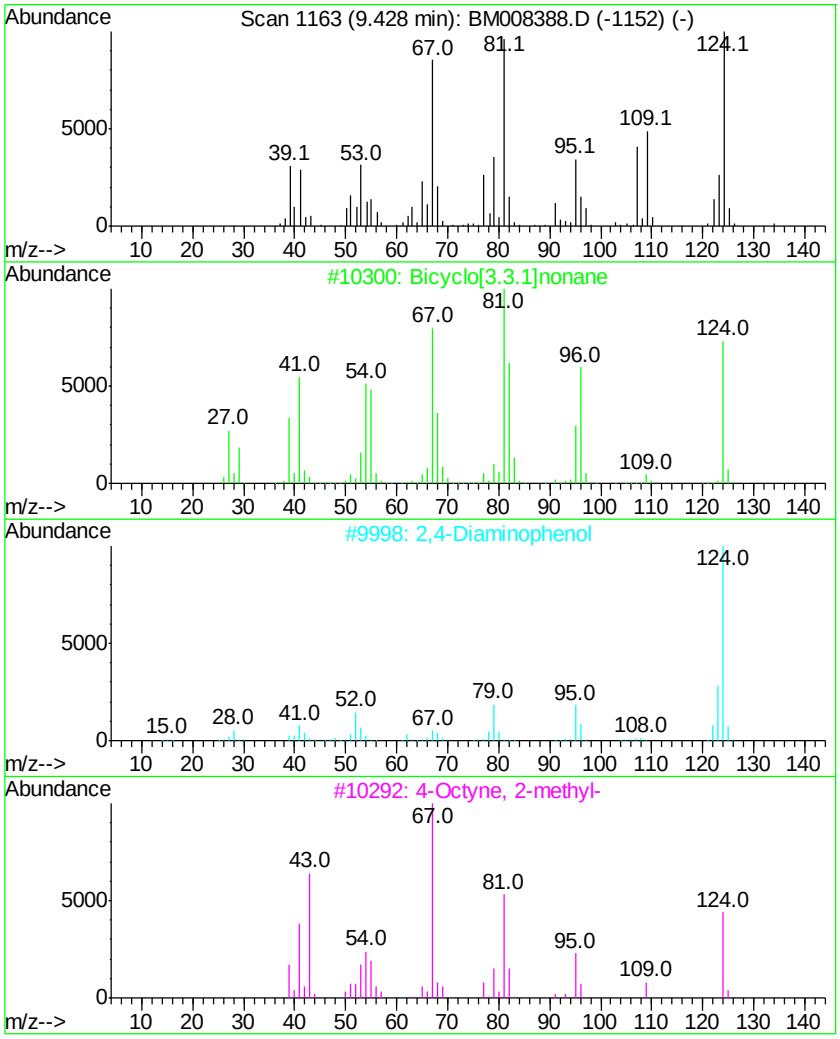
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

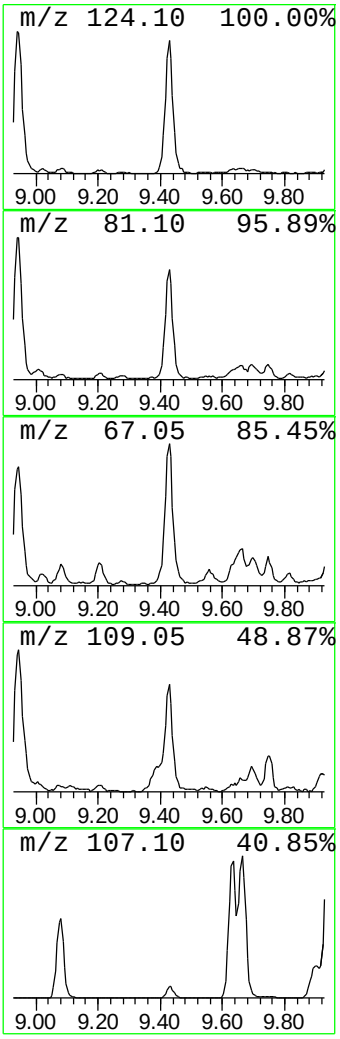
****

Peak Number 26 Bicyclo[3.3.1]nonane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	17.61 ng/ul	731417	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	58
2	2,4-Diaminophenol	124	C6H8N2O	000095-86-3	38
3	4-Octyne, 2-methyl-	124	C9H16	010306-94-2	38
4	2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	35
5	4,6-Dimethyl-2-pyrimidone	124	C6H8N2O	000108-79-2	30





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Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

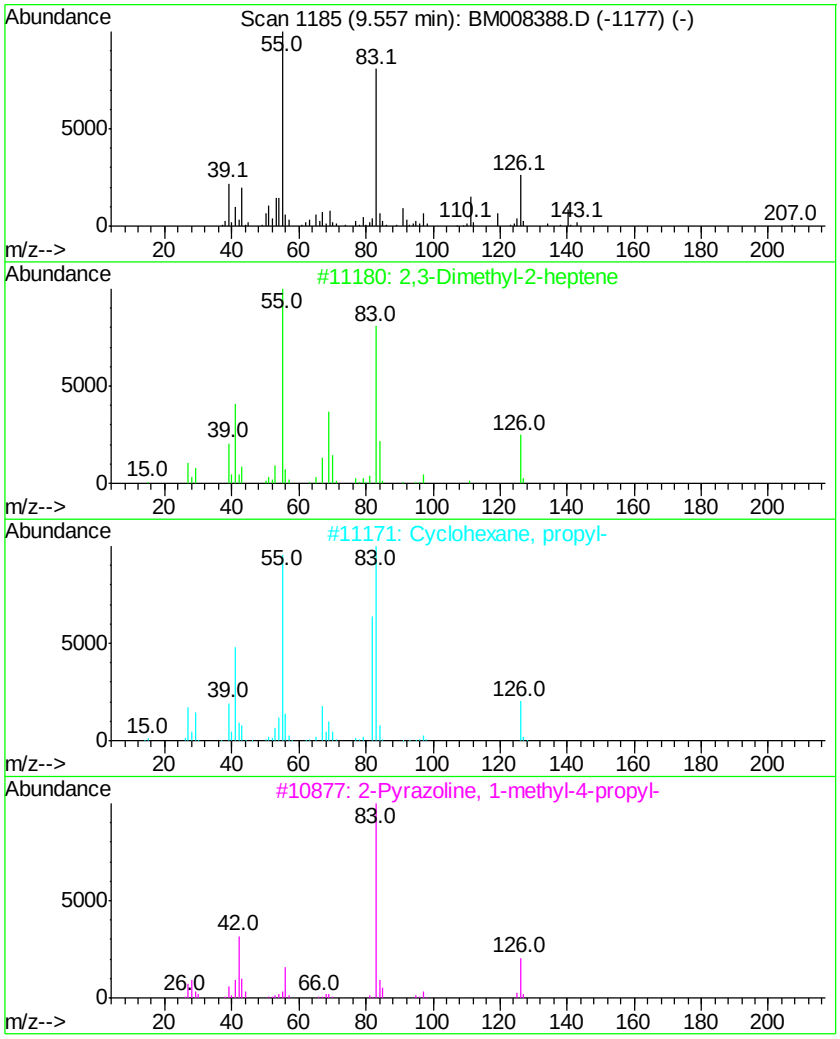
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

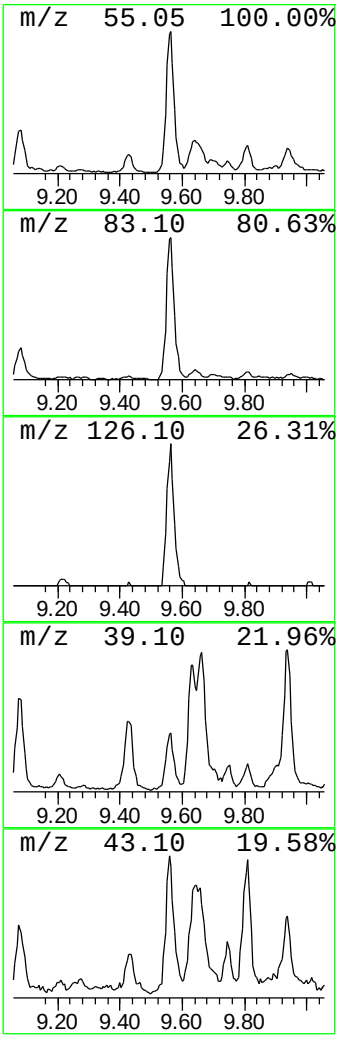
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic9.56 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	12.06 ng/ul	500925	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	64
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	59
3	2-Pyrazoline, 1-methyl-4-propyl-	126	C7H14N2	033063-77-3	53
4	Benzene, 1-fluoro-2-methoxy-	126	C7H7FO	000321-28-8	53
5	2-Butenoic acid, 2-methyl-, 2-pr...	140	C8H12O2	007493-71-2	50





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Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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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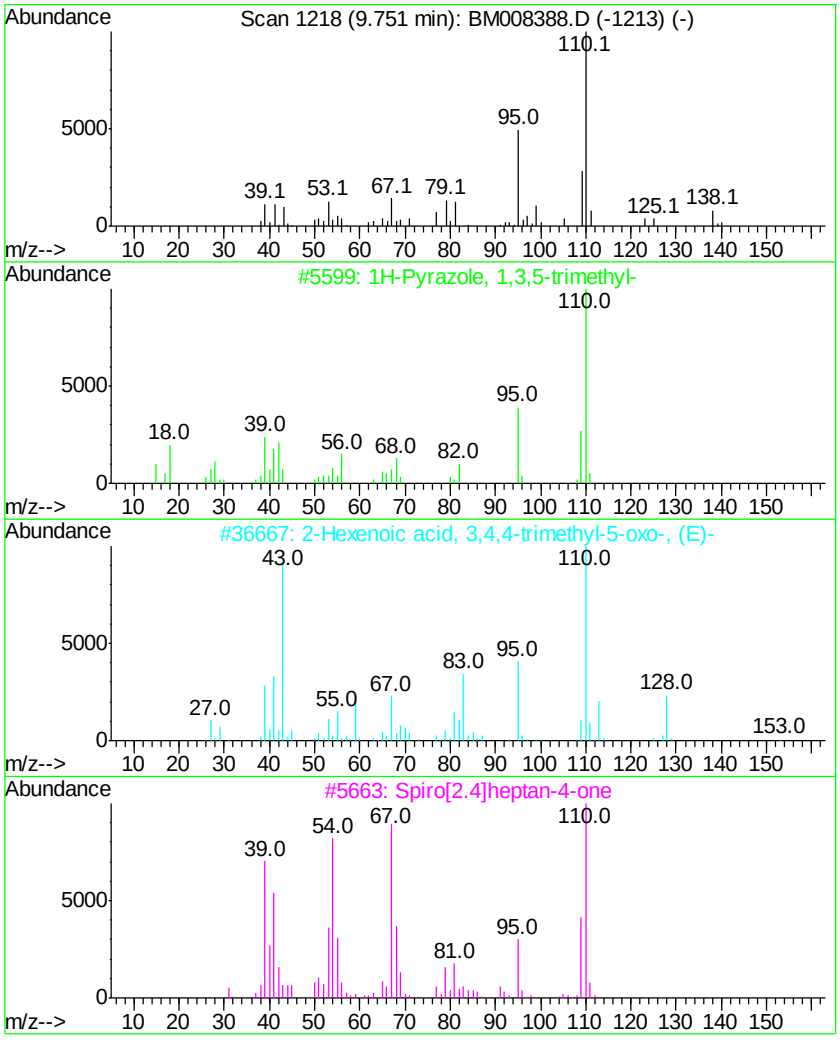
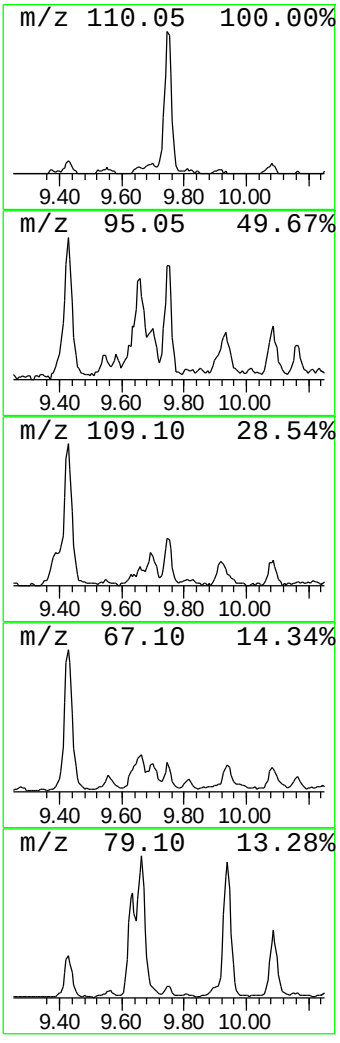
Peak Number 28 1H-Pyrazole, 1,3,5-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	4.90 ng/ul	203680	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	59
2	2-Hexenoic acid, 3,4,4-trimethyl...	170	C9H14O3	006994-95-2	50
3	Spiro[2.4]heptan-4-one	110	C7H10O	005771-32-4	50
4	2-Hexanoylfuran	166	C10H14O2	014360-50-0	40
5	3,7,7-Trimethyl-8-(2-methyl-prop...	204	C15H24	1000192-43-3	40





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008388.D
Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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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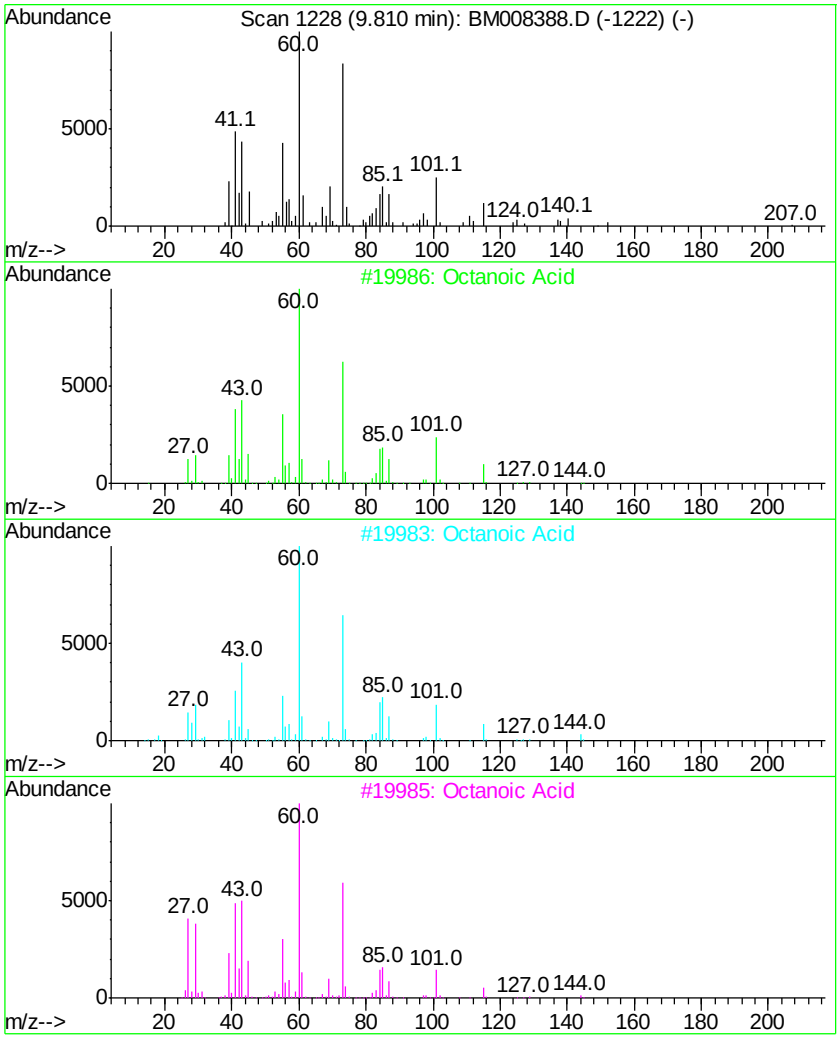
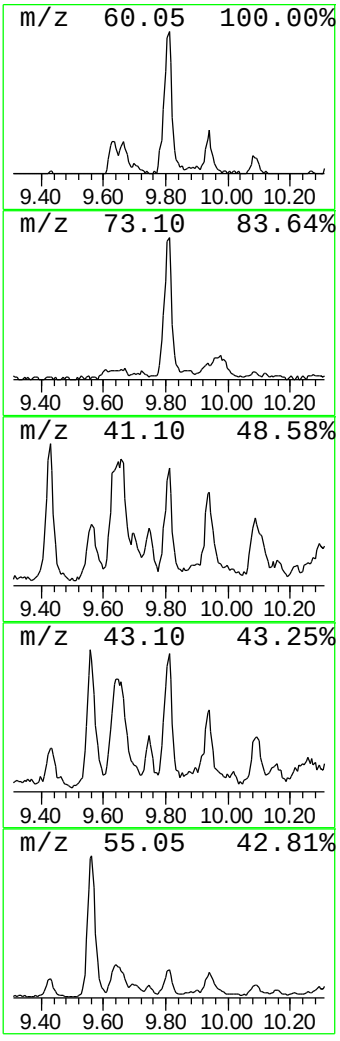
Peak Number 29 Octanoic Acid Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	5.84 ng/ul	242453	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid	144	C8H16O2	000124-07-2	91
2	Octanoic Acid	144	C8H16O2	000124-07-2	72
3	Octanoic Acid	144	C8H16O2	000124-07-2	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008388.D
Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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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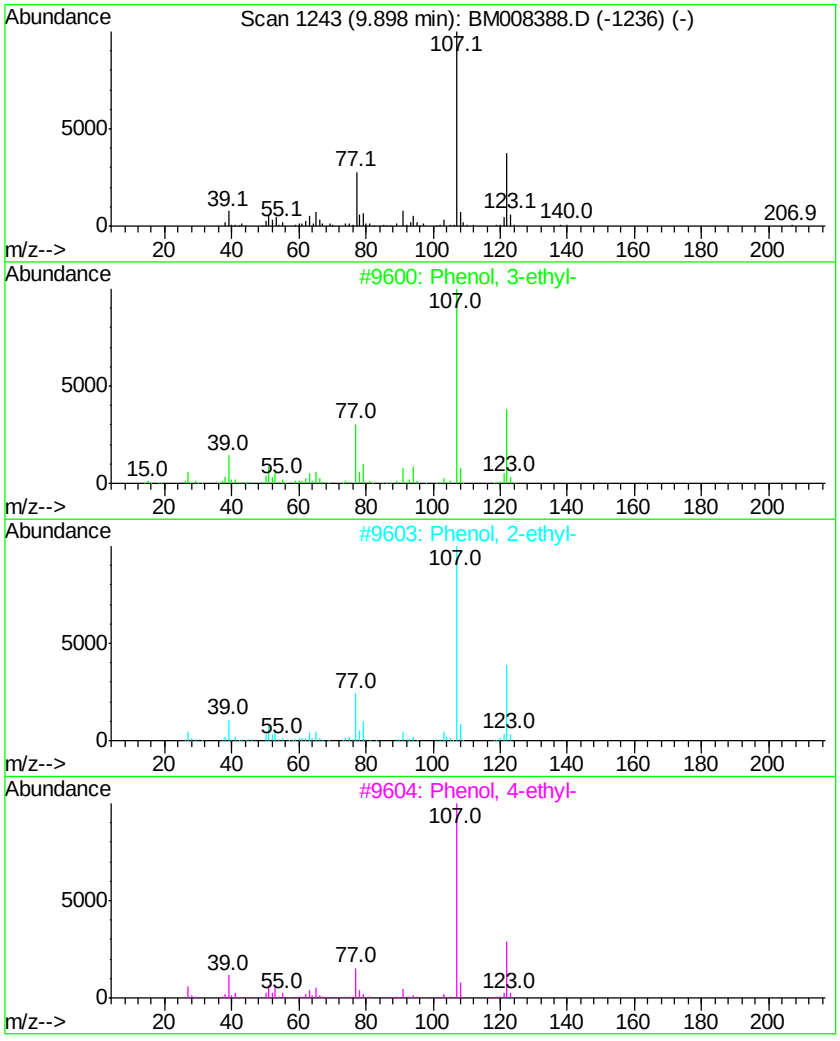
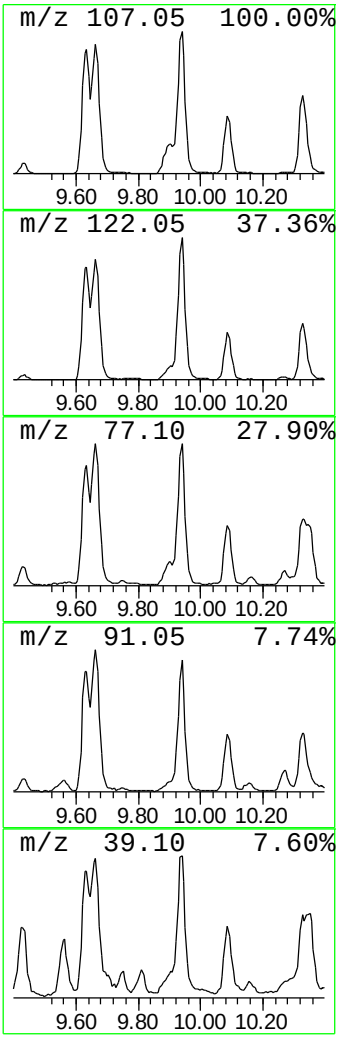
Peak Number 30 Phenol, 3-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	6.79 ng/ul	281861	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	94
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	87
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008388.D
Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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

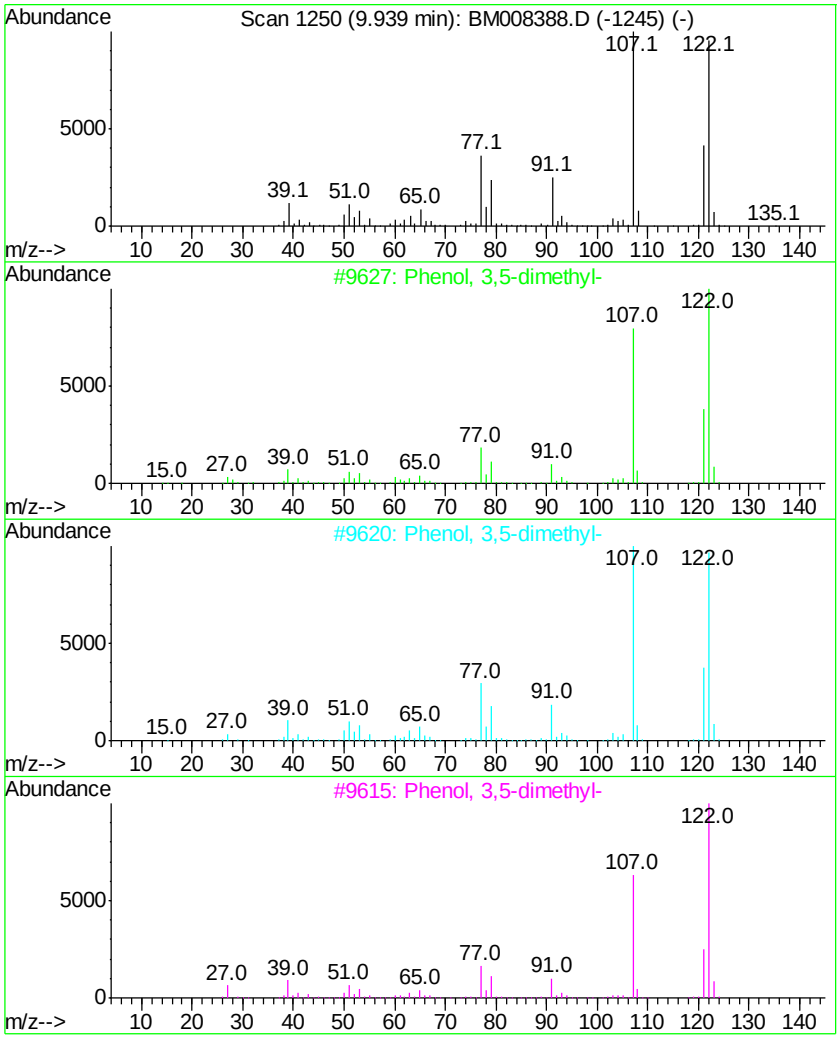
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

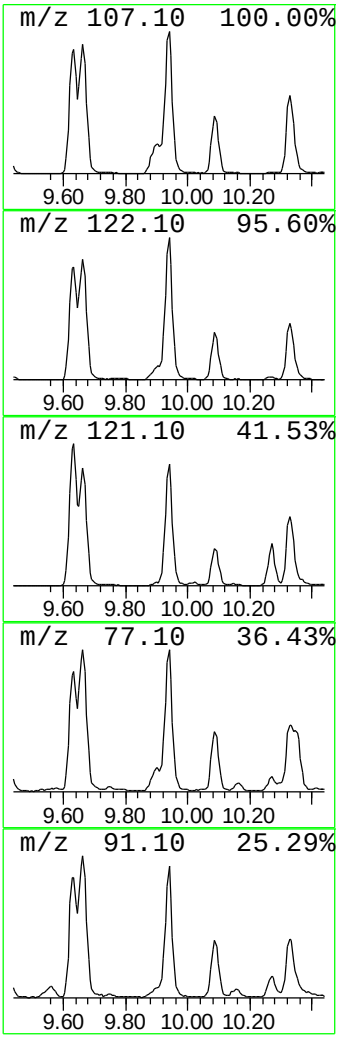
****

Peak Number 31 Phenol, 3,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	45.45 ng/ul	1887560	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121716\
Data File : BM008388.D
Acq On : 17 Dec 2016 00:03
Operator : UM/SJ
Sample : H6039-17DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

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...	4.91	6.4	ng/ul	212587	1	7.66	666299	20.0
Cyclopentanone, 3...	5.02	2.1	ng/ul	69152	1	7.66	666299	20.0
Cyclopentanone, 2...	5.54	3.6	ng/ul	119222	1	7.66	666299	20.0
Cyclopentanone, 2...	5.73	3.9	ng/ul	131168	1	7.66	666299	20.0
2-Cyclopenten-1-o...	5.86	3.8	ng/ul	124975	1	7.66	666299	20.0
Ethanone, 1-(2-fu...	5.91	6.0	ng/ul	199184	1	7.66	666299	20.0
(DEL) Alkane: Cyc...	6.32	2.3	ng/ul	75080	1	7.66	666299	20.0
Cyclopentanone, 2...	6.42	5.7	ng/ul	191104	1	7.66	666299	20.0
2-Cyclopenten-1-o...	6.81	3.8	ng/ul	127763	1	7.66	666299	20.0
(DEL) Alkane: Cyc...	7.07	2.9	ng/ul	97086	1	7.66	666299	20.0
2-Cyclopenten-1-o...	7.25	5.1	ng/ul	168704	1	7.66	666299	20.0
Bicyclo[2.2.2]octane	7.31	4.0	ng/ul	131718	1	7.66	666299	20.0
(DEL) Alkane: Cyc...	7.49	3.0	ng/ul	99852	1	7.66	666299	20.0
1H-Pyrazole, 4-et...	7.89	2.0	ng/ul	67077	1	7.66	666299	20.0
2-Cyclopenten-1-o...	7.95	83.7	ng/ul	2789940	1	7.66	666299	20.0
Hexenal, 2-ethyl-	8.17	3.3	ng/ul	108430	1	7.66	666299	20.0
2-Cyclopenten-1-o...	8.31	33.7	ng/ul	1121730	1	7.66	666299	20.0
2-Cyclopenten-1-o...	8.60	3.6	ng/ul	120166	1	7.66	666299	20.0
3-Acetyl-2,5-dime...	8.67	2.4	ng/ul	80476	1	7.66	666299	20.0
Phenol, 2-methoxy-	8.76	60.3	ng/ul	2007300	1	7.66	666299	20.0
Cyclopent-2-ene-1...	8.94	22.0	ng/ul	734004	1	7.66	666299	20.0
unknown-01	9.02	2.0	ng/ul	67399	1	7.66	666299	20.0
Phenol, 2,6-dimet...	9.08	27.0	ng/ul	1120290	2	10.43	830613	20.0
2-Cyclopenten-1-o...	9.20	3.4	ng/ul	142989	2	10.43	830613	20.0
Bicyclo[3.3.1]nonane	9.43	17.6	ng/ul	731417	2	10.43	830613	20.0
(DEL) Alkane: Cyc...	9.56	12.1	ng/ul	500925	2	10.43	830613	20.0
1H-Pyrazole, 1,3,...	9.75	4.9	ng/ul	203680	2	10.43	830613	20.0
Octanoic Acid	9.81	5.8	ng/ul	242453	2	10.43	830613	20.0
Phenol, 3-ethyl-	9.90	6.8	ng/ul	281861	2	10.43	830613	20.0
Phenol, 3,5-dimet...	9.94	45.5	ng/ul	1887560	2	10.43	830613	20.0