LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015586.D
Acq On : 09 Jun 2018 05:01
Operator : SJ/JU
Sample : J3375-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT3

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.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	5.828	425	432	444	rVB	1805501	2692558	5.55%	1.233%
2	6.034	461	467	478	rVB	997331	1565273	3.22%	0.717%
3	7.040	632	638	647	rVB	1557088	2260690	4.66%	1.035%
4	7.516	704	719	724	rBV2	167396	504312	1.04%	0.231%
5	7.569	724	728	737	rVB	324802	487091	1.00%	0.223%
6	7.657	737	743	751	rBV	552759	900539	1.86%	0.412%
7	7.869	774	779	788	rVB	620698	1047957	2.16%	0.480%
8	8.345	852	860	864	rBV2	479383	885287	1.82%	0.405%
9	8.551	888	895	897	rBV	8622824	12335545	25.41%	5.649%
10	8.604	897	904	909	rVB	25209437	48542712	100.00%	22.231%
11	8.798	928	937	947	rVB2	317681	704227	1.45%	0.323%
12	9.057	975	981	989	rBV	563973	1034606	2.13%	0.474%
13	9.340	1020	1029	1034	rBV3	263046	684579	1.41%	0.314%
14	9.475	1040	1052	1057	rBV2	2656197	4707680	9.70%	2.156%
15	9.528	1057	1061	1072	rVB	761138	1537354	3.17%	0.704%
16	9.781	1097	1104	1111	rVB2	349038	760430	1.57%	0.348%
17	9.875	1111	1120	1126	rBV2	290226	639017	1.32%	0.293%
18	9.951	1126	1133	1138	rBV3	363856	635033	1.31%	0.291%
19	10.128	1155	1163	1172	rVB3	1061520	2931311	6.04%	1.342%
20	10.216	1172	1178	1182	rBV	1391262	2408800	4.96%	1.103%
21	10.404	1201	1210	1217	rBV3	1212944	2332685	4.81%	1.068%
22	10.604	1232	1244	1248	rBV2	347007	863920	1.78%	0.396%
23	10.710	1252	1262	1267	rBV3	1367862	4091679	8.43%	1.874%
24	10.757	1267	1270	1271	rVV2	428869	512539	1.06%	0.235%
25	10.798	1271	1277	1280	rVV2	751010	1759160	3.62%	0.806%
26	10.845	1281	1285	1290	rVB2	1189486	2072553	4.27%	0.949%
27	11.181	1334	1342	1348	rVV2	846327	1832780	3.78%	0.839%
28	11.304	1358	1363	1364	rBV	435420	610683	1.26%	0.280%
29	11.451	1375	1388	1393	rBV2	2632199	8049317	16.58%	3.686%
30	11.516	1393	1399	1401	rBV2	2055232	3629281	7.48%	1.662%
31	11.686	1421	1428	1431	rBV2	498575	1004314	2.07%	0.460%
32	12.133	1484	1504	1508	rBV3	4114379	14774686	30.44%	6.766%
33	12.339	1526	1539	1543	rBV	901601	1924482	3.96%	0.881%
34	12.563	1571	1577	1588	rBV4	1885783	4025298	8.29%	1.843%

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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT3

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Title : SVOA CALIBRATION

35	12.686	1588	1598	1604	rBV2	1214207	2385639	4.91%	1.093%
36	12.833	1618	1623	1631	rVB4	258066	510239	1.05%	0.234%
37	12.963	1639	1645	1650	rBV3	428329	883678	1.82%	0.405%
38	13.080	1660	1665	1669	rBV2	289873	490057	1.01%	0.224%
39	13.139	1669	1675	1679	rBV2	471824	814394	1.68%	0.373%
40	13.498	1728	1736	1739	rBV6	267739	647468	1.33%	0.297%
41	13.539	1739	1743	1749	rVV2	346692	517373	1.07%	0.237%
42	13.604	1749	1754	1761	rVB	1116612	1669082	3.44%	0.764%
43	13.675	1761	1766	1773	rBV	452410	902129	1.86%	0.413%
44	13.898	1798	1804	1809	rBV	1042303	1577810	3.25%	0.723%
45	14.004	1819	1822	1830	rVB2	456233	742154	1.53%	0.340%
46	14.363	1877	1883	1891	rBV	1952104	2796948	5.76%	1.281%
47	14.574	1915	1919	1925	rVV3	361679	681979	1.40%	0.312%
48	14.663	1927	1934	1939	rVB2	2699357	4222464	8.70%	1.934%
49	14.963	1976	1985	1989	rVV3	1037096	2116221	4.36%	0.969%
50	15.004	1989	1992	1998	rVB3	418598	574606	1.18%	0.263%
51	15.127	2008	2013	2027	rBV9	545977	2099508	4.33%	0.961%
52	15.263	2027	2036	2040	rBV	1257616	1825675	3.76%	0.836%
53	15.457	2064	2069	2075	rBV3	433923	756112	1.56%	0.346%
54	15.557	2081	2086	2090	rVB4	497521	702428	1.45%	0.322%
55	15.710	2105	2112	2117	rVB3	328204	784277	1.62%	0.359%
56	15.810	2122	2129	2134	rVB4	477185	881262	1.82%	0.404%
57	15.945	2147	2152	2158	rVB	2822051	4049342	8.34%	1.854%
58	16.010	2158	2163	2167	rBV	350039	508103	1.05%	0.233%
59	16.069	2168	2173	2177	rVV	1471014	2052484	4.23%	0.940%
60	16.121	2177	2182	2188	rVB	849890	1333752	2.75%	0.611%
61	16.192	2189	2194	2200	rBV	530104	796579	1.64%	0.365%
62	16.710	2274	2282	2284	rVV	471635	728390	1.50%	0.334%
63	16.757	2284	2290	2296	rVB	9939389	14625680	30.13%	6.698%
64	17.327	2379	2387	2393	rBV2	1452632	2782586	5.73%	1.274%
65	17.421	2397	2403	2409	rVV2	522899	1222212	2.52%	0.560%
66	17.474	2409	2412	2423	rVB	337822	485617	1.00%	0.222%
67	17.686	2442	2448	2455	rVB	1373214	2024375	4.17%	0.927%
68	17.780	2456	2464	2469	rBV	2989293	4472261	9.21%	2.048%
69	18.027	2501	2506	2516	rVB	984651	1684866	3.47%	0.772%
70	18.162	2524	2529	2534	rBV	366571	543632	1.12%	0.249%
71	20.033	2841	2847	2854	rBV	4223332	5506631	11.34%	2.522%

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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT3

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Title : SVOA CALIBRATION

72	21.786	3140	3145	3153	rBV	2151866	2742176	5.65%	1.256%
73	24.050	3522	3530	3541	rVB	3337043	6519798	13.43%	2.986%
74	24.203	3549	3556	3564	rVB2	1456086	2950840	6.08%	1.351%

Sum of corrected areas: 218359205

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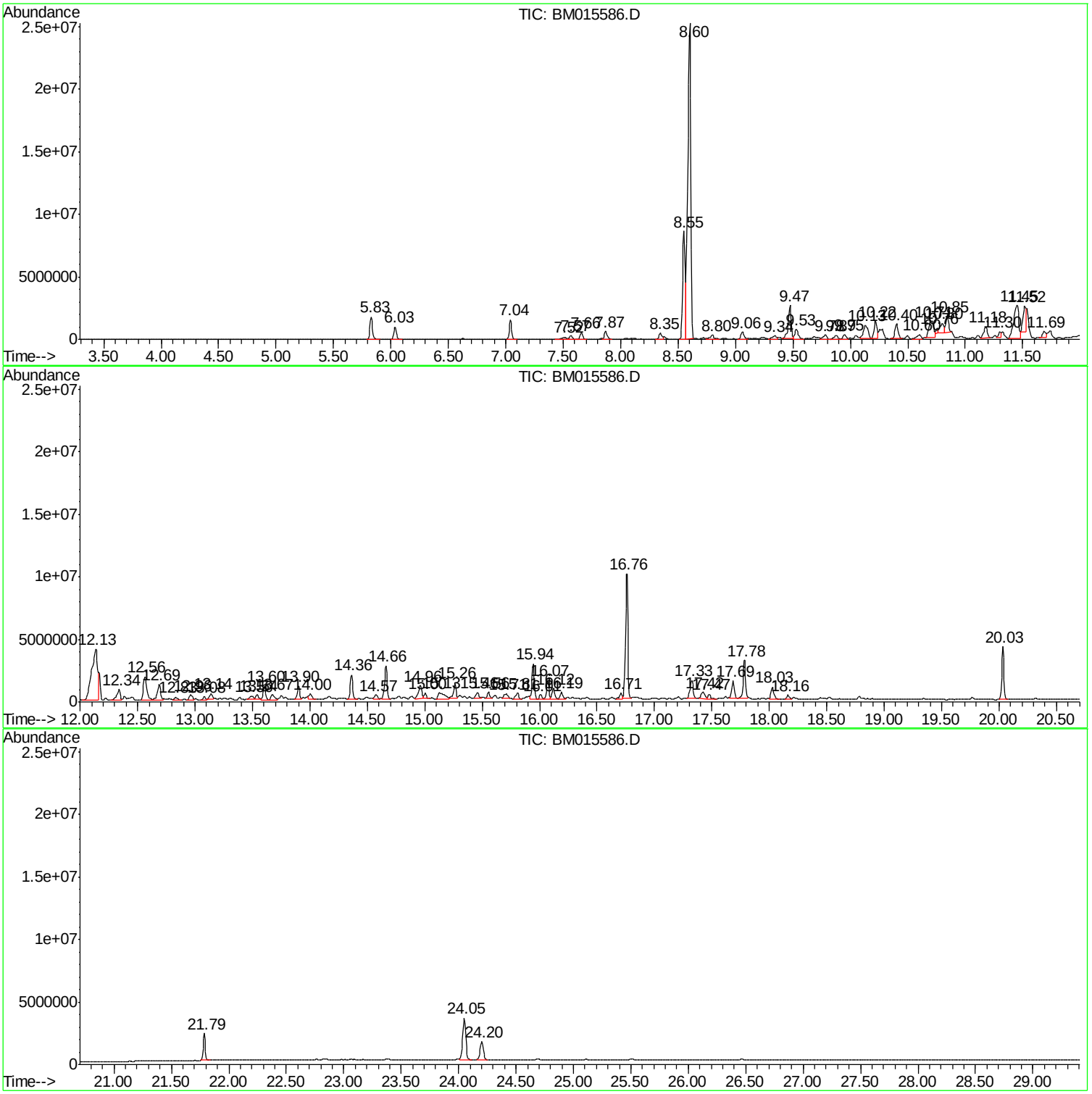
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAWT3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

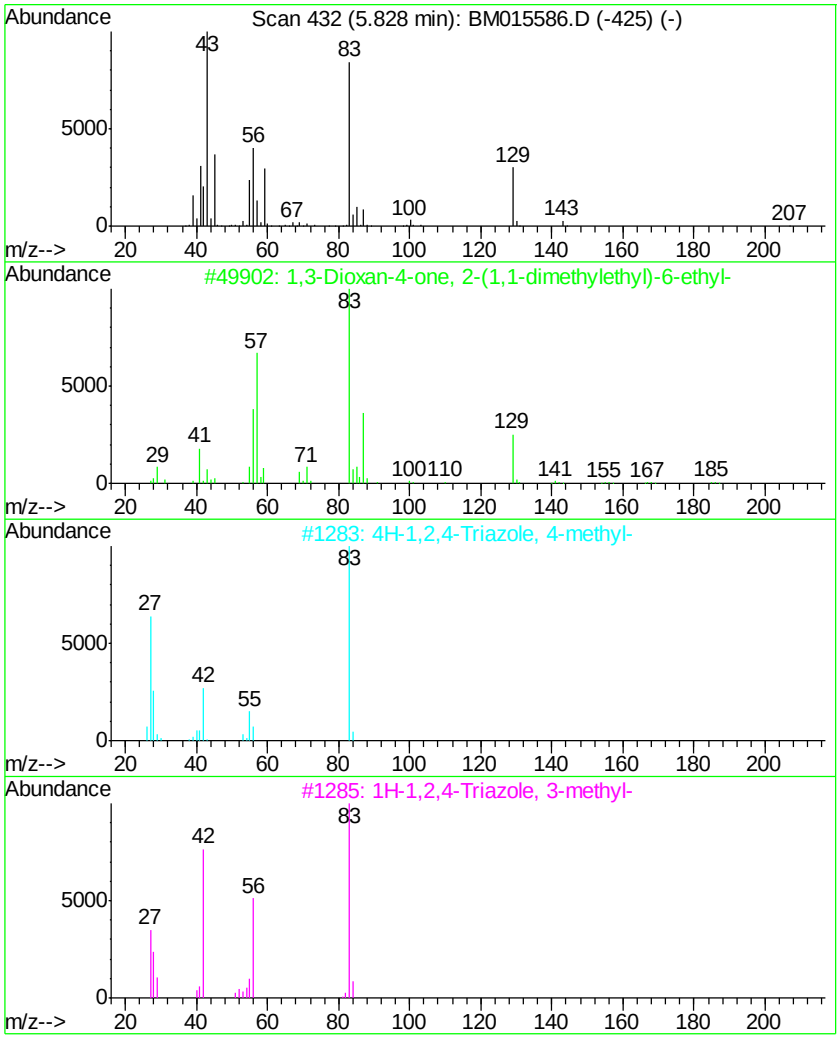
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

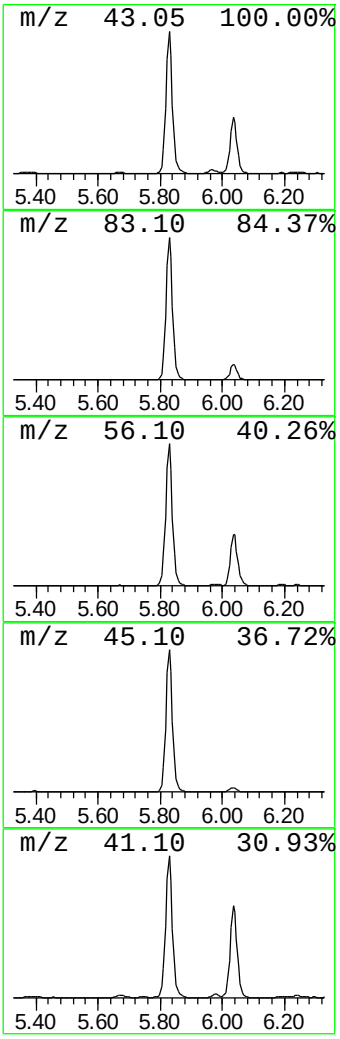
****

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	60.83 ng/ul	2692560	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxan-4-one, 2-(1,1-dimethy...	186	C10H18O3	113505-80-9	36
2	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	25
3	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	25
4	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	23
5	Oxalic acid, cyclohexyl isobutyl...	228	C12H20O4	1000309-30-4	17





Library Search Compound Report

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Operator : SJ/JU
Sample : J3375-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

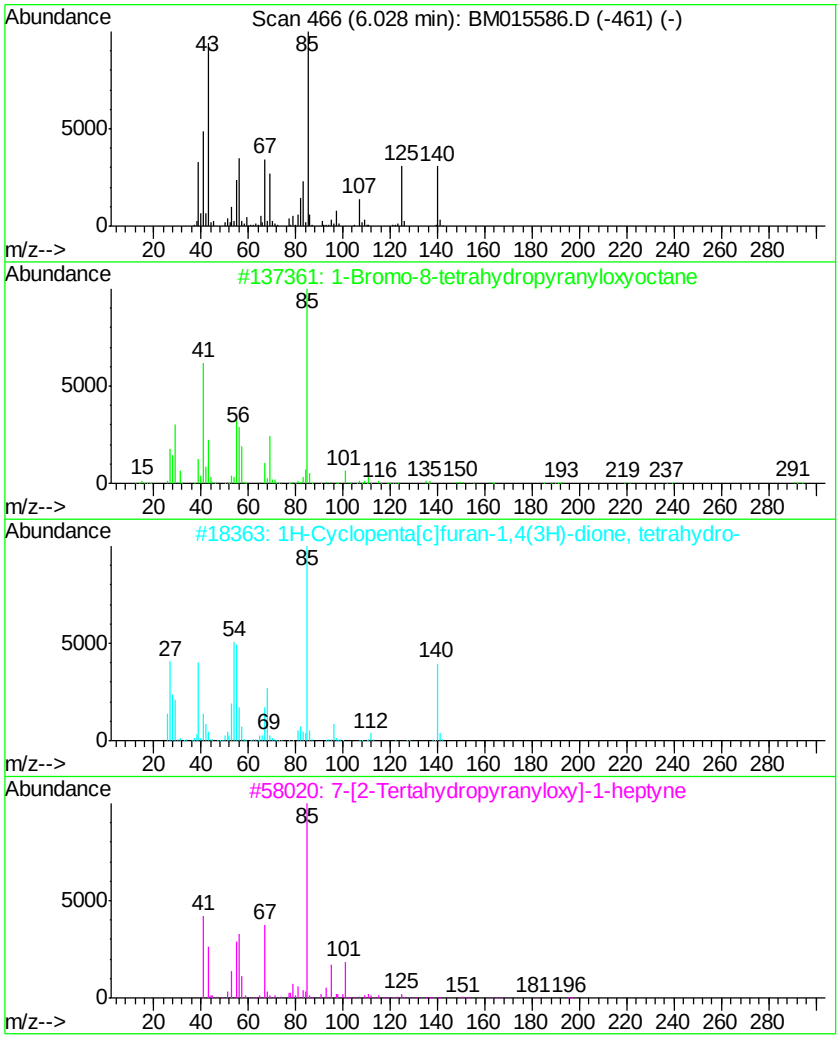
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

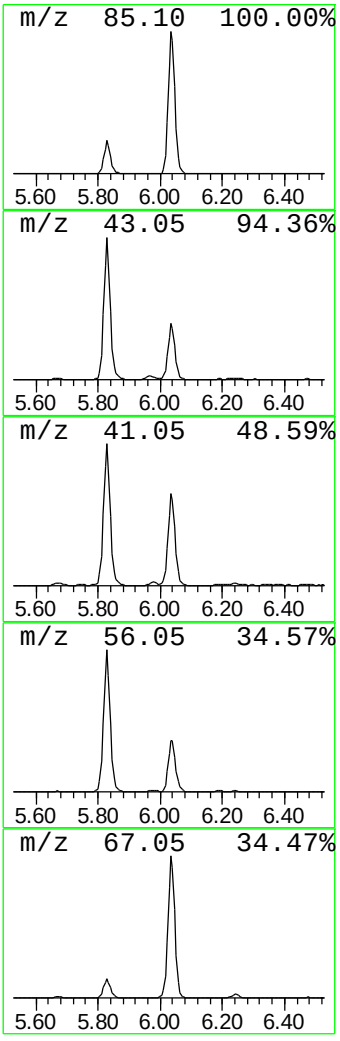
****

Peak Number 2 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	35.36 ng/ul	1565270	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-8-tetrahydropyranyloxyoc...	292	C13H25BrO2	050816-20-1	43
2	1H-Cyclopenta[c]furan-1,4(3H)-di...	140	C7H8O3	127708-95-6	38
3	7-[2-Tertahydropyranyloxy]-1-hep...	196	C12H20O2	037011-86-2	38
4	Tetrahydropyran, 12-tetradecyn-1-...	294	C19H34O2	096249-40-0	38
5	2H-Pyran, tetrahydro-2-[2-(methy...	182	C11H18O2	107616-98-8	38





Library Search Compound Report

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Sample : J3375-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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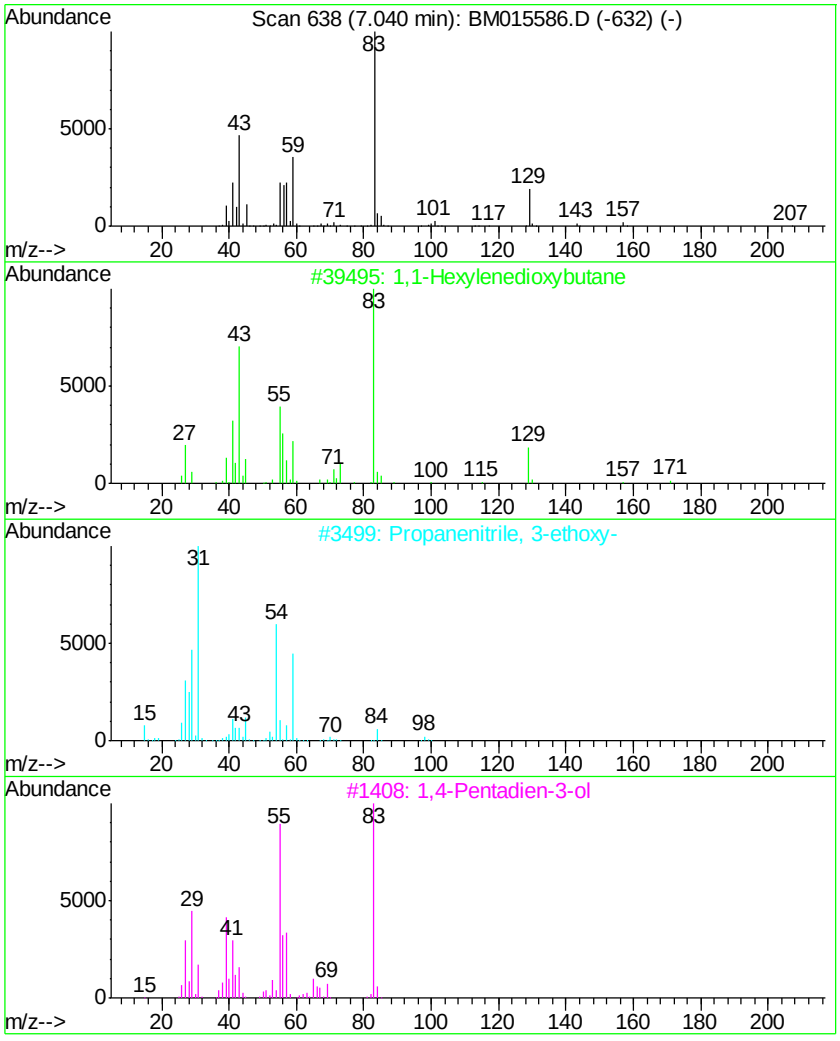
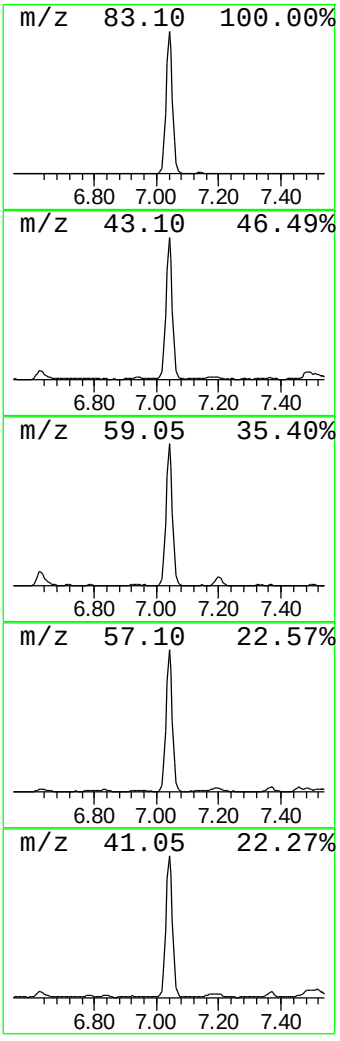
Peak Number 3 1,1-Hexylenedioxybutane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	51.07 ng/ul	2260690	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	64
2	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	10
3	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	9
4	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	9
5	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	9





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

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

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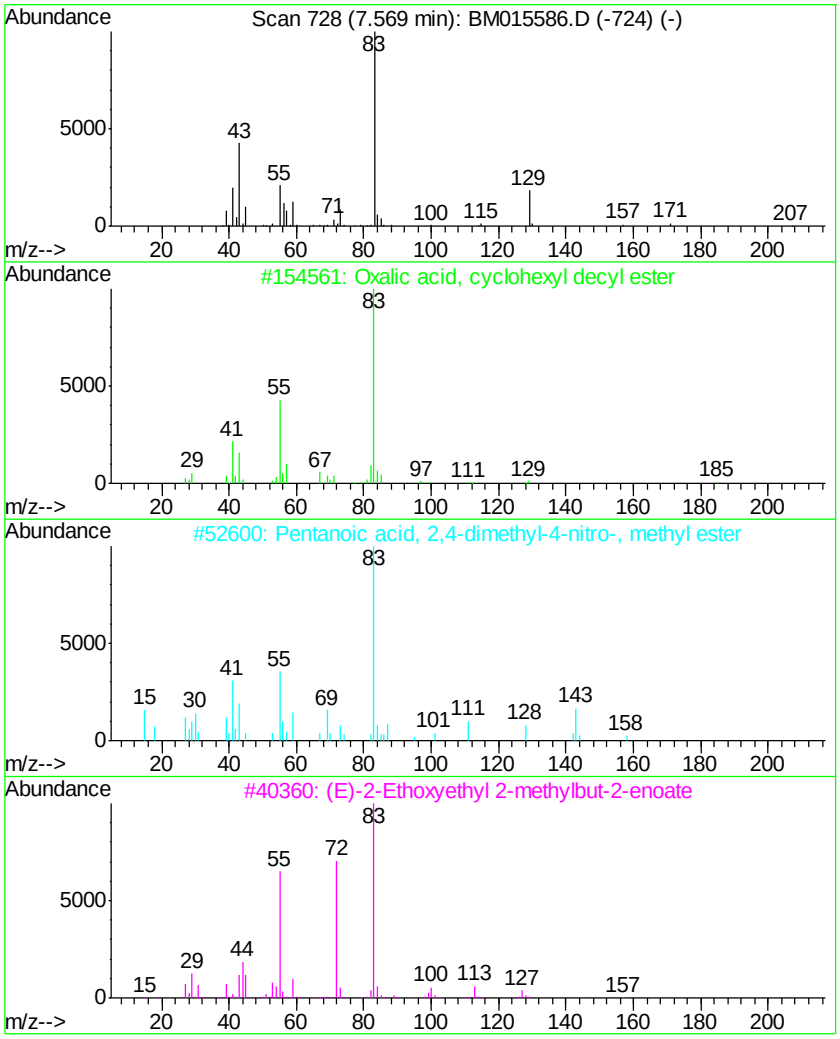
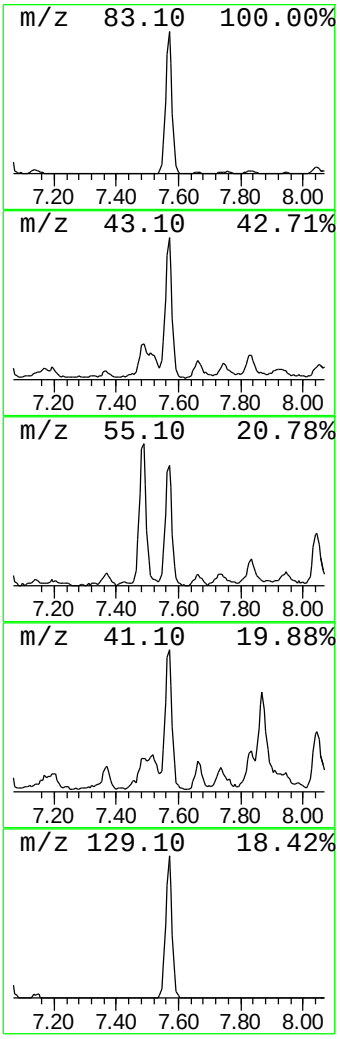
Peak Number 4 Oxalic acid, cyclohexyl dec... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	11.00 ng/ul	487091	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	53
2	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	38
3	(E)-2-Ethoxyethyl 2-methylbut-2-...	172	C9H16O3	1000366-97-8	38
4	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	38
5	Oxalic acid, cyclohexyl hexyl ester	256	C14H24O4	1000309-30-8	36





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Quant Title : SVOA CALIBRATION

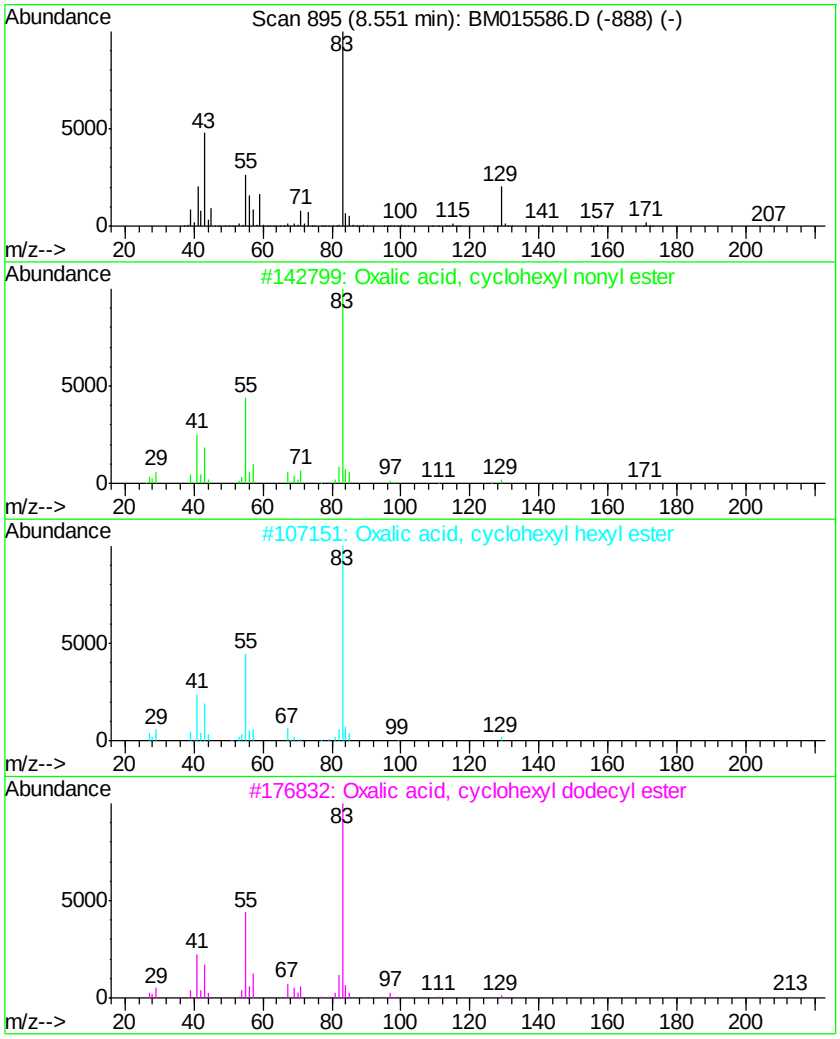
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

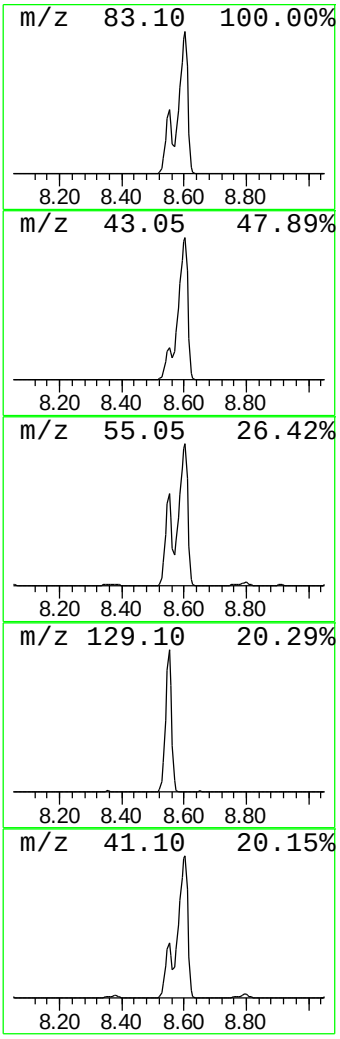
****

Peak Number 5 Oxalic acid, cyclohexyl non... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	278.68 ng/ul	12335500	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	50
2	Oxalic acid, cyclohexyl hexyl ester	256	C14H24O4	1000309-30-8	50
3	Oxalic acid, cyclohexyl dodecyl ...	340	C20H36O4	1000309-31-4	40
4	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	38
5	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	36





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

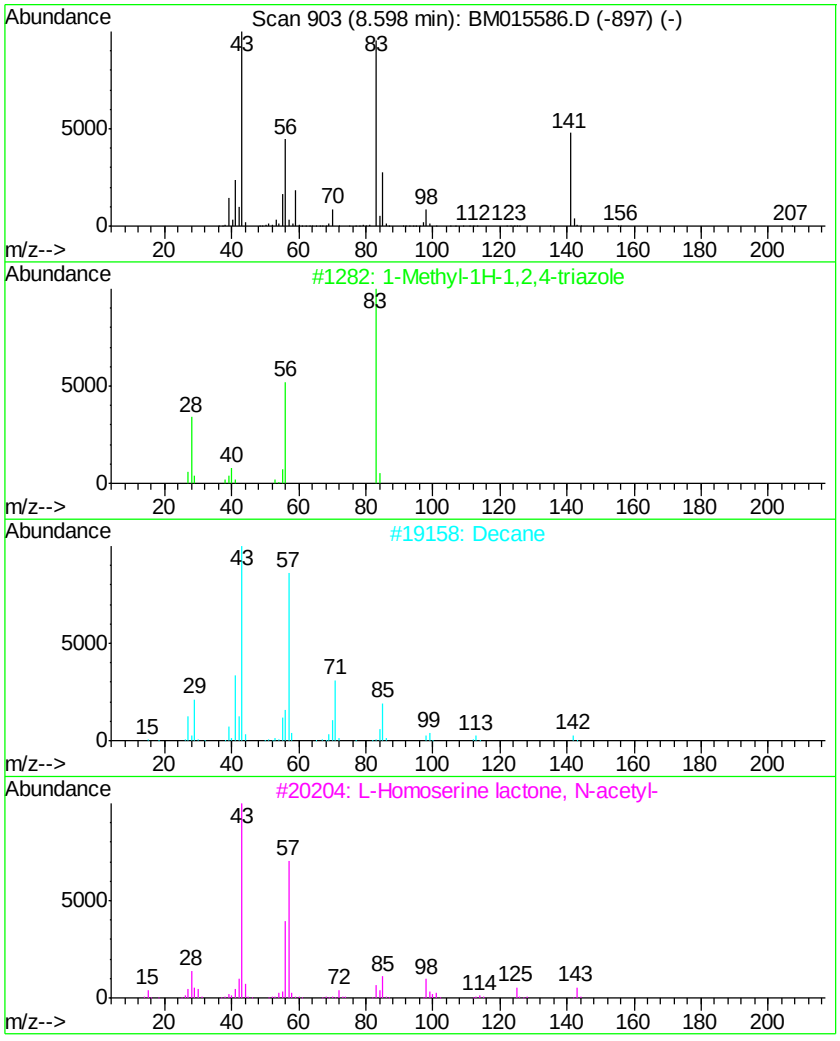
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

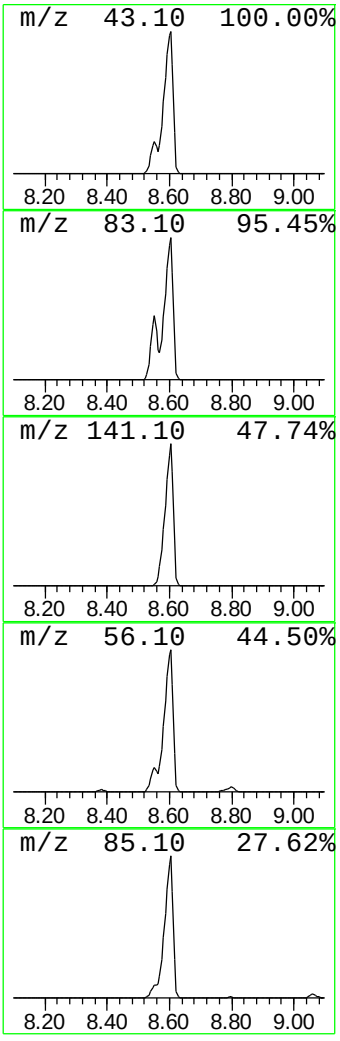
****

Peak Number 6 unknown-03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	1096.65 ng/ul	48542700	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	32
2	Decane	142	C10H22	000124-18-5	10
3	L-Homoserine lactone, N-acetyl-	143	C6H9NO3	1000374-76-0	10
4	4(1H)-Pyrimidinone, 2,5,6-triamino-	141	C4H7N5O	001004-75-7	9
5	5(3)-Carboxamide-4-hydroxy-3(5)-...	141	C5H7N3O2	1000211-61-3	9





Library Search Compound Report

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Acq On : 09 Jun 2018 05:01
Operator : SJ/JU
Sample : J3375-16
Misc :
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Instrument : BNA_M
ClientSampleId : DAWT3

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Quant Title : SVOA CALIBRATION

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

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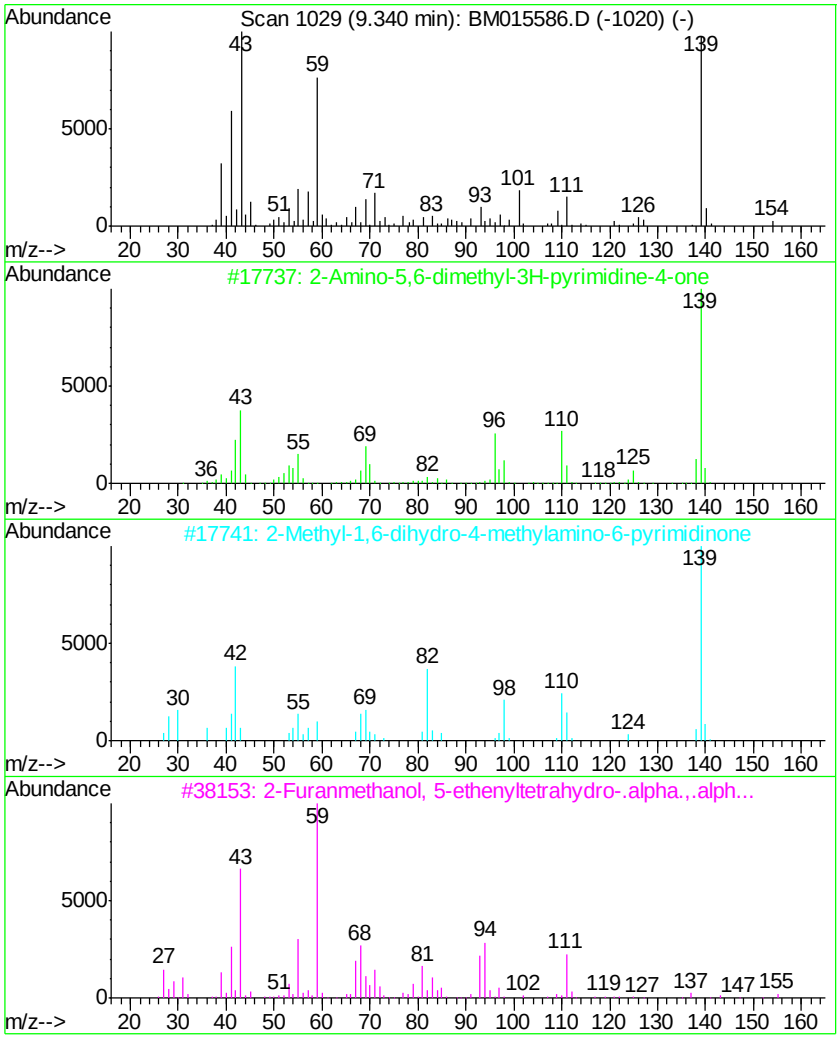
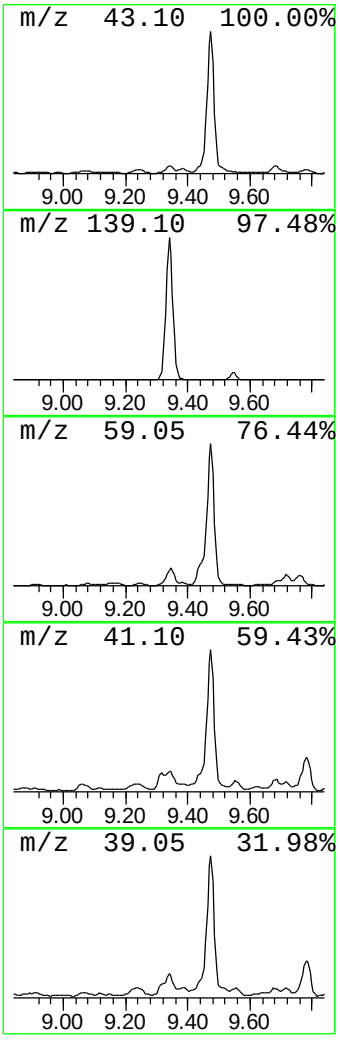
Peak Number 8 unknown-04 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	15.47 ng/ul	684579	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-5,6-dimethyl-3H-pyrimidi...	139	C6H9N3O	1000372-55-6	35
2	2-Methyl-1,6-dihydro-4-methylami...	139	C6H9N3O	1000288-89-5	32
3	2-Furanmethanol, 5-ethenyltetrah...	170	C10H18O2	005989-33-3	27
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	27
5	4-Chlorobenzoic acid, pent-2-en-...	220	C12H9ClO2	1000299-36-4	25





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Quant Title : SVOA CALIBRATION

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

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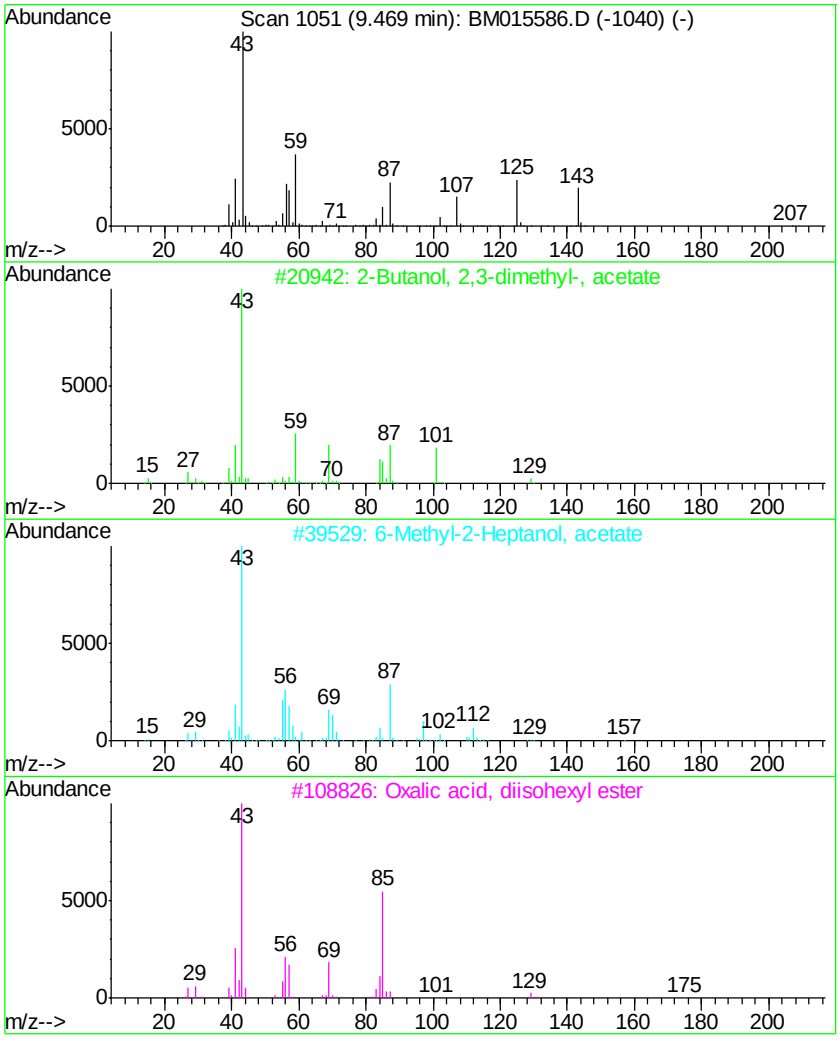
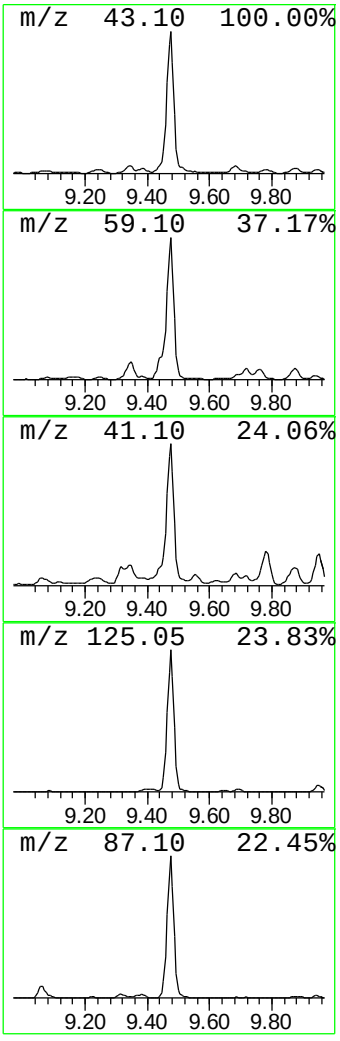
Peak Number 9 unknown-05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	106.35 ng/ul	4707680	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2,3-dimethyl-, acetate	144	C8H16O2	004806-33-1	25
2	6-Methyl-2-Heptanol, acetate	172	C10H20O2	1000365-14-5	17
3	Oxalic acid, diisohexyl ester	258	C14H26O4	1000309-32-9	10
4	Diallylmethylsilane	126	C7H14Si	002043-08-5	9
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	9





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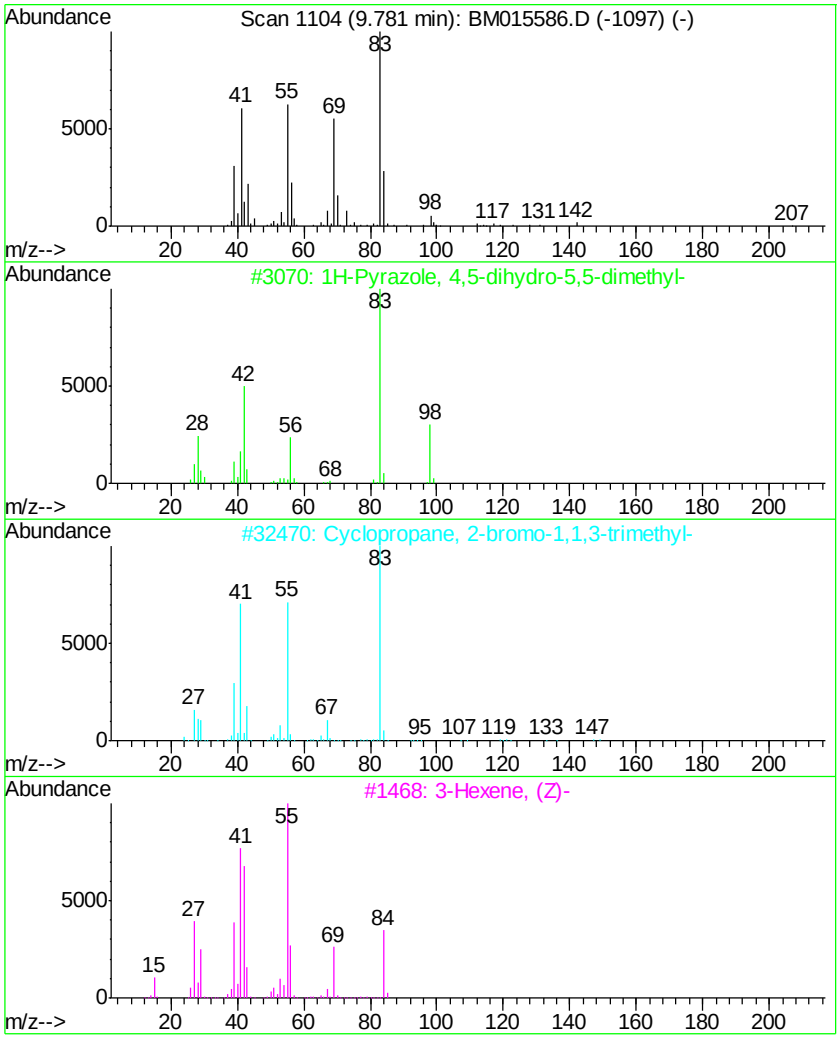
Quant Title : SVOA CALIBRATION

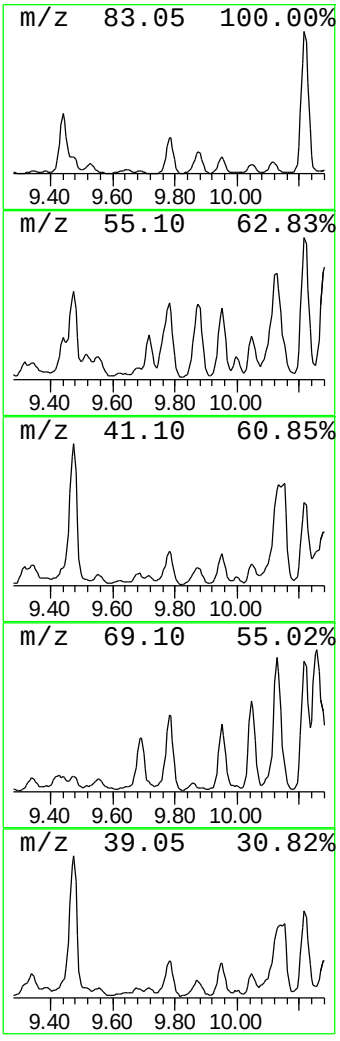
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Pyrazole, 4,5-dihydro-5,... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	8.30 ng/ul	760430	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 4,5-dihydro-5,5-dim...	98	C5H10N2	004320-85-8	53
2	Cyclopropane, 2-bromo-1,1,3-trim...	162	C6H11Br	036617-00-2	43
3	3-Hexene, (Z)-	84	C6H12	007642-09-3	30
4	Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	27
5	3-Hexene, (E)-	84	C6H12	013269-52-8	25





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Sample : J3375-16
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Quant Title : SVOA CALIBRATION

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

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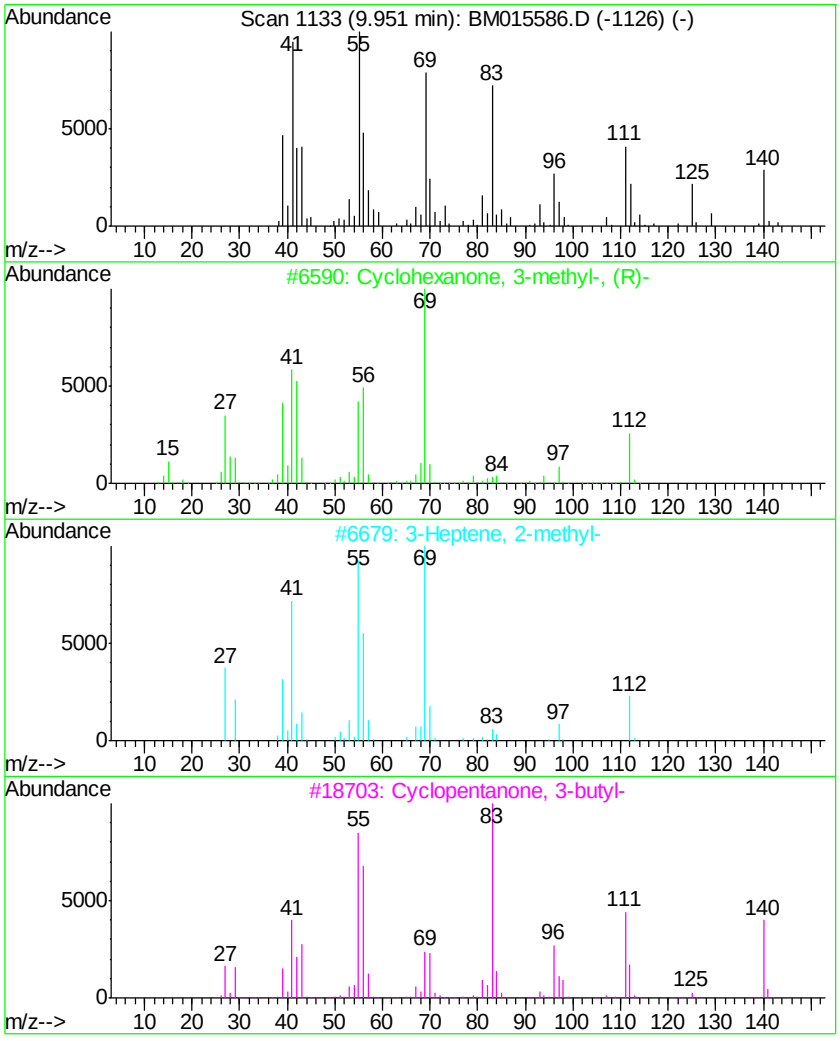
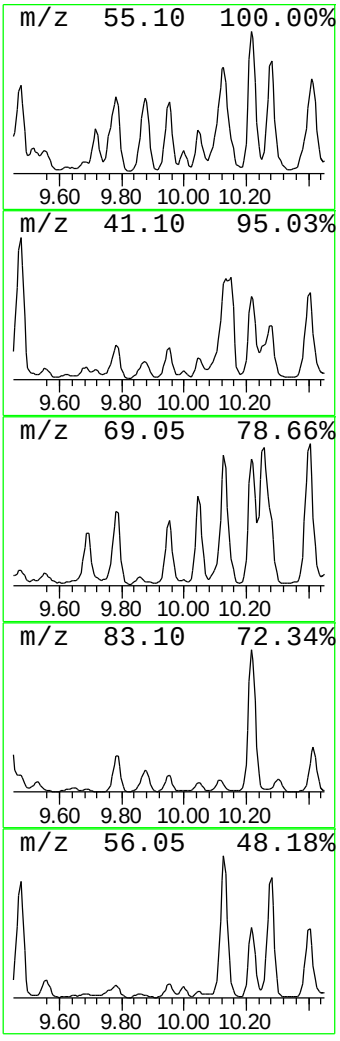
Peak Number 12 unknown-06 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	6.93 ng/ul	635033	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3-methyl-, (R)-	112	C7H12O	013368-65-5	49
2	3-Heptene, 2-methyl-	112	C8H16	017618-76-7	46
3	Cyclopentanone, 3-butyl-	140	C9H16O	057283-81-5	46
4	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	46
5	3-Octene, (Z)-	112	C8H16	014850-22-7	42





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Quant Title : SVOA CALIBRATION

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

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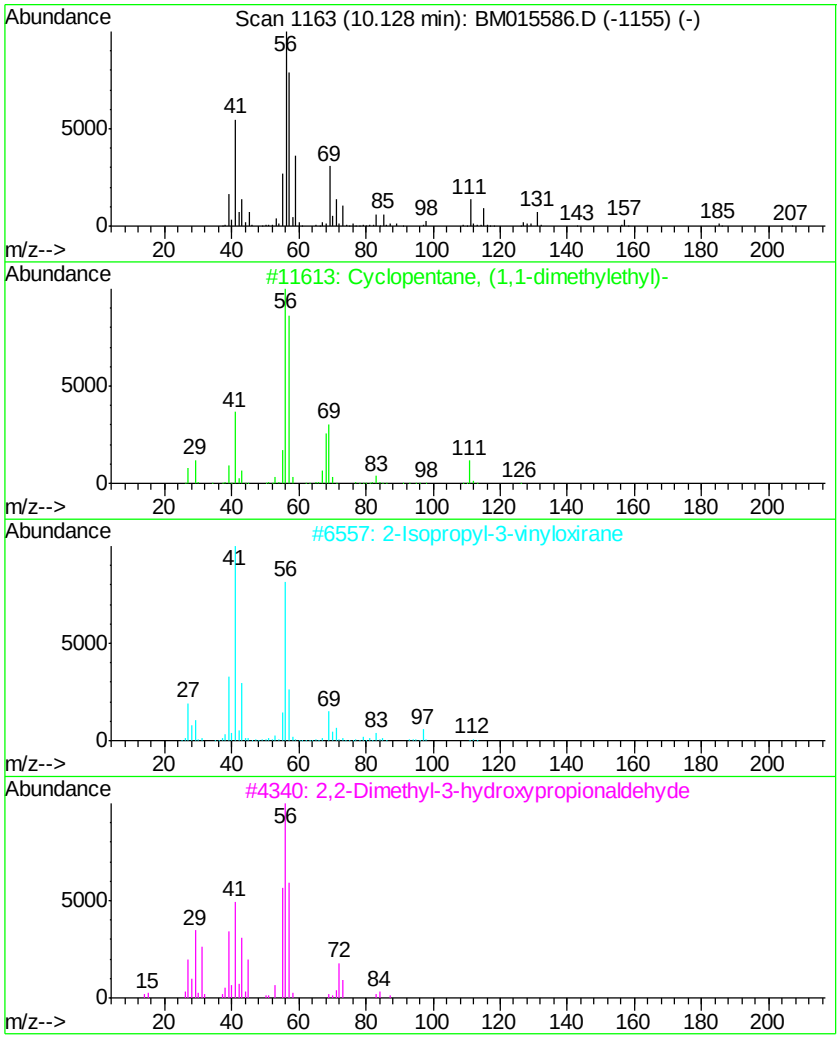
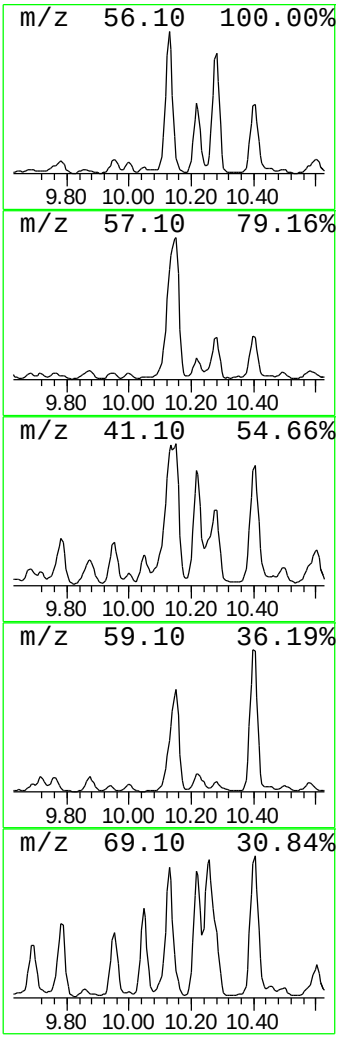
Peak Number 13 (DEL) Alkane: Cyclic10.13 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	31.99 ng/ul	2931310	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (1,1-dimethylethyl)-	126	C9H18	003875-52-3	47
2	2-Isopropyl-3-vinyloxirane	112	C7H12O	070777-23-0	43
3	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	40
4	1-Oxa-4-azaspiro[4.5]decan-4-oxy...	198	C10H16NO3	1000115-84-0	38
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	38





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Quant Title : SVOA CALIBRATION

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

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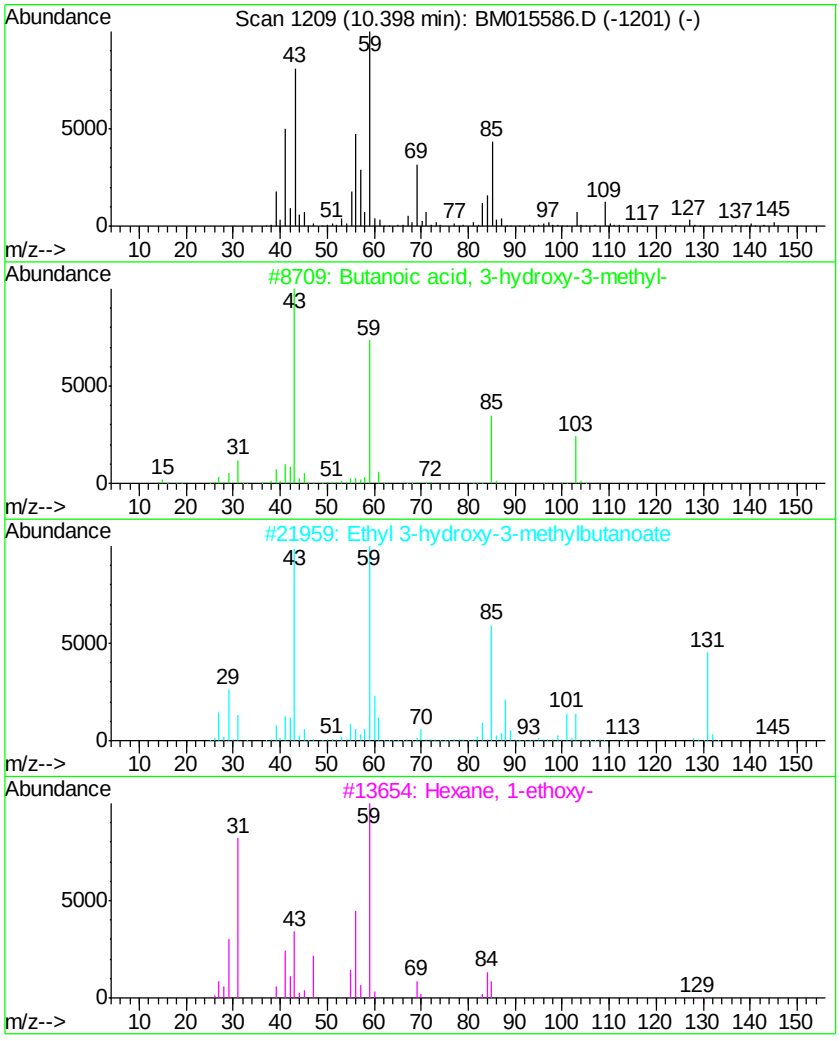
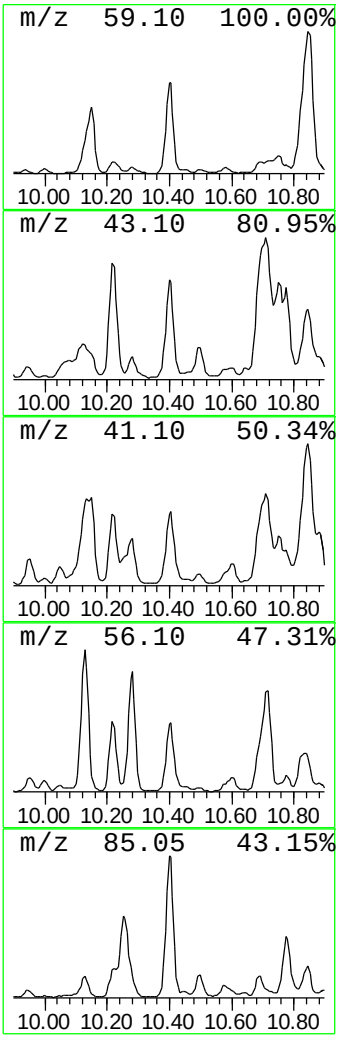
Peak Number 14 Butanoic acid, 3-hydroxy-3-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	25.46 ng/ul	2332690	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-hydroxy-3-methyl-	118	C5H10O3	000625-08-1	50
2	Ethyl 3-hydroxy-3-methylbutanoate	146	C7H14O3	018267-36-2	50
3	Hexane, 1-ethoxy-	130	C8H18O	005756-43-4	47
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	38
5	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	38





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ClientSampleId : DAWT3

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Quant Title : SVOA CALIBRATION

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

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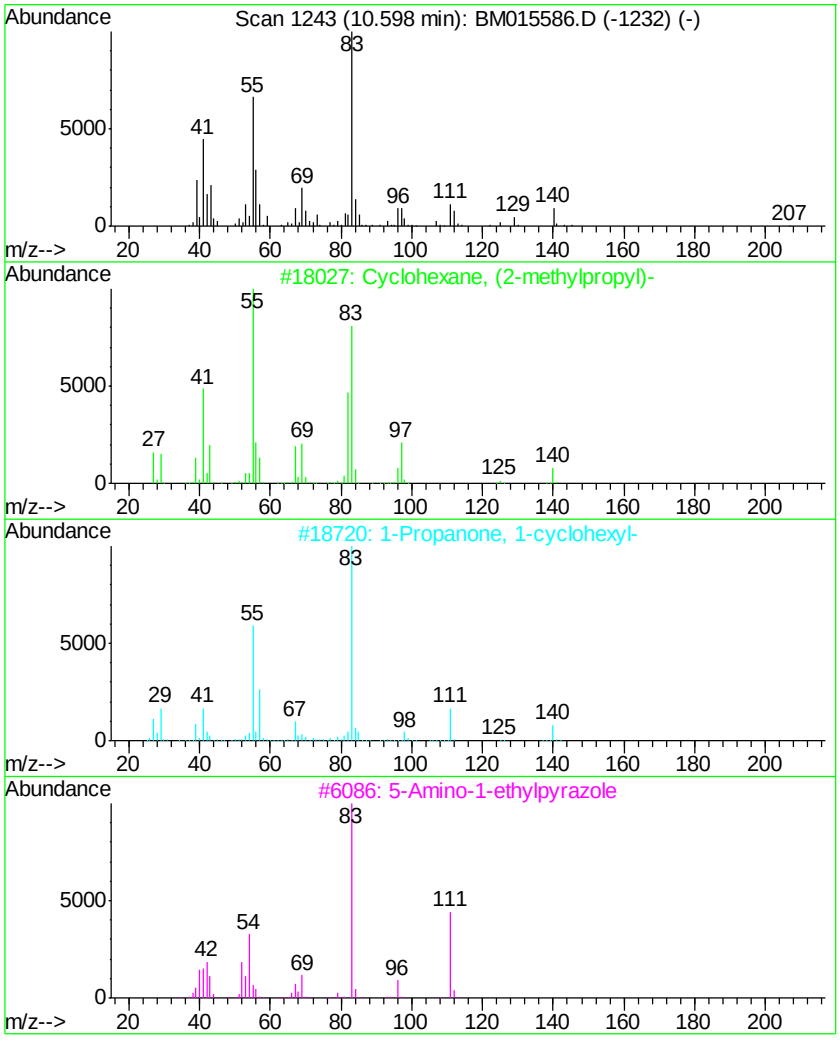
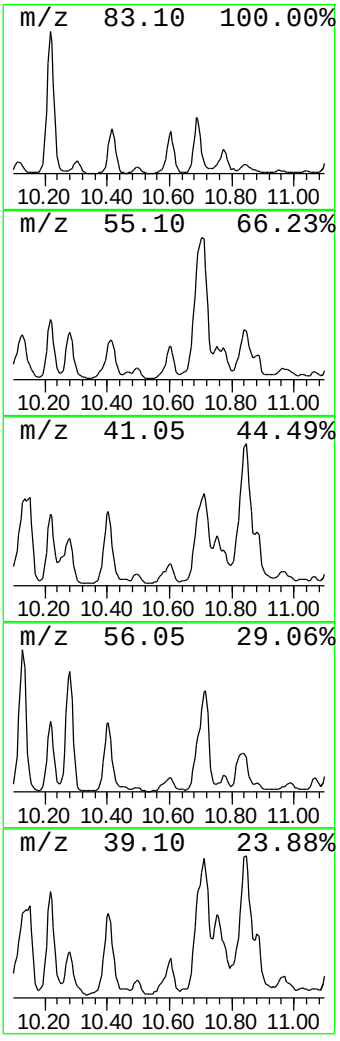
Peak Number 15 (DEL) Alkane: Cyclic10.60 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	9.43 ng/ul	863920	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
2	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	62
3	5-Amino-1-ethylpyrazole	111	C5H9N3	003528-58-3	52
4	1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	52
5	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	49





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Quant Title : SVOA CALIBRATION

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

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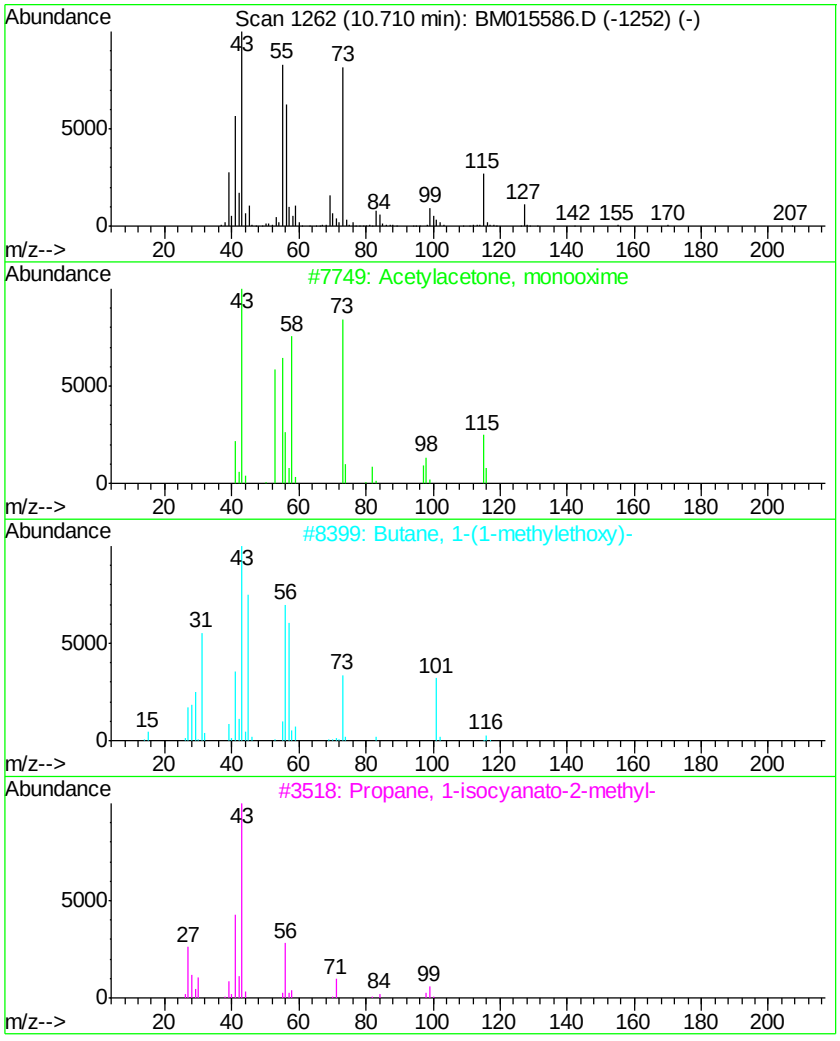
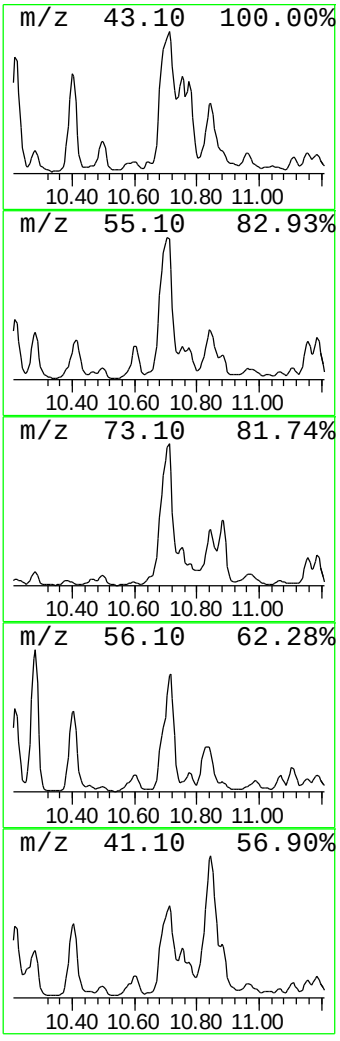
Peak Number 16 unknown-07 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	44.65 ng/ul	4091680	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetylacetone, monooxime	115	C5H9NO2	1000298-65-7	37
2	Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	35
3	Propane, 1-isocyanato-2-methyl-	99	C5H9NO	001873-29-6	27
4	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	27
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	25





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Quant Title : SVOA CALIBRATION

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

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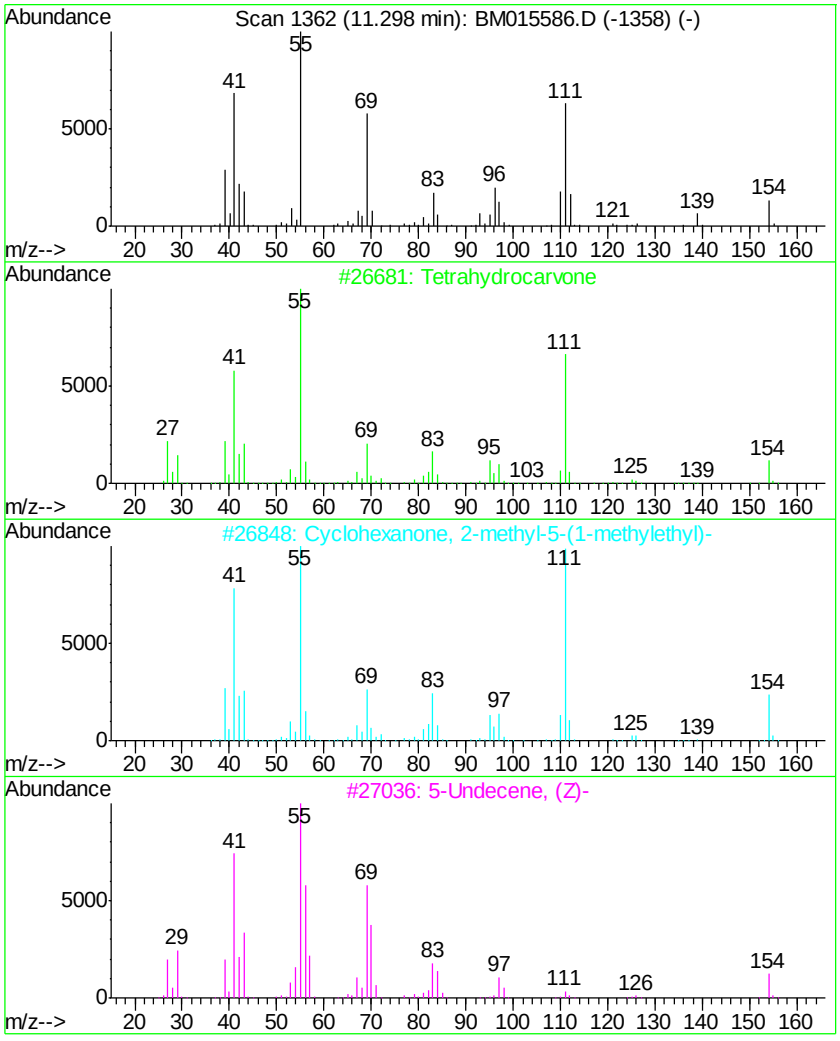
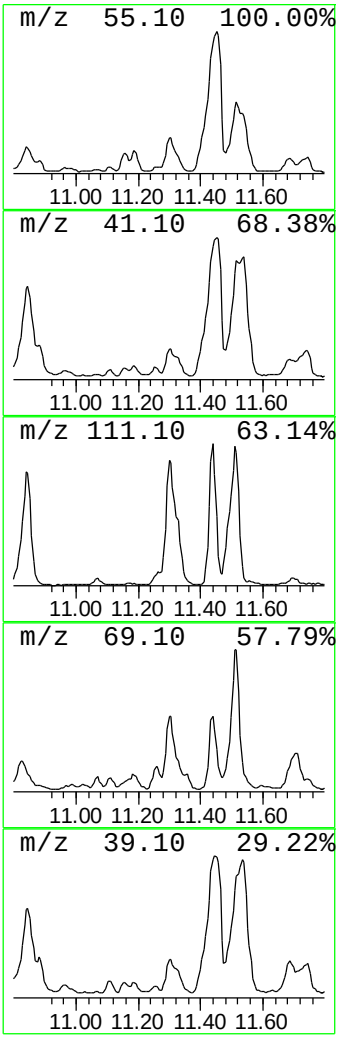
Peak Number 17 Tetrahydrocarvone Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	6.66 ng/ul	610683	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydrocarvone	154	C10H18O	000499-70-7	58
2	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	52
3	5-Undecene, (Z)-	154	C11H22	000764-96-5	38
4	1-Butanone, 1-(2-thienyl)-	154	C8H10OS	005333-83-5	38
5	5-Undecene, (E)-	154	C11H22	000764-97-6	38





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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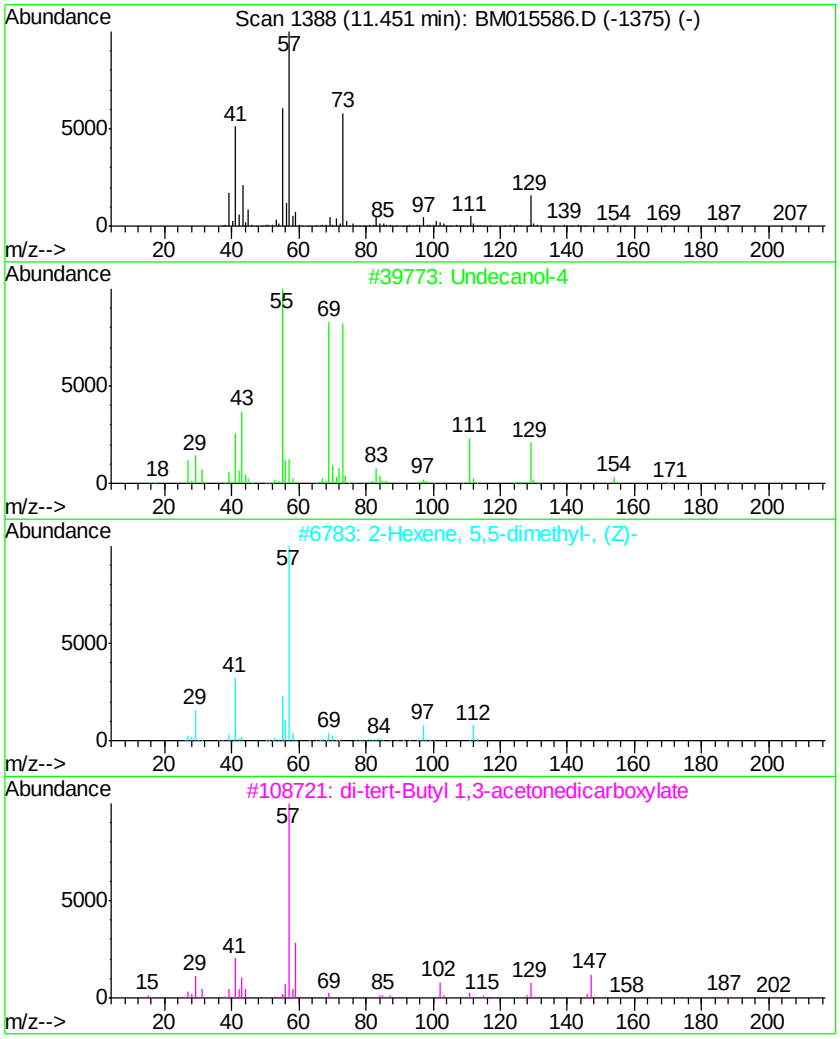
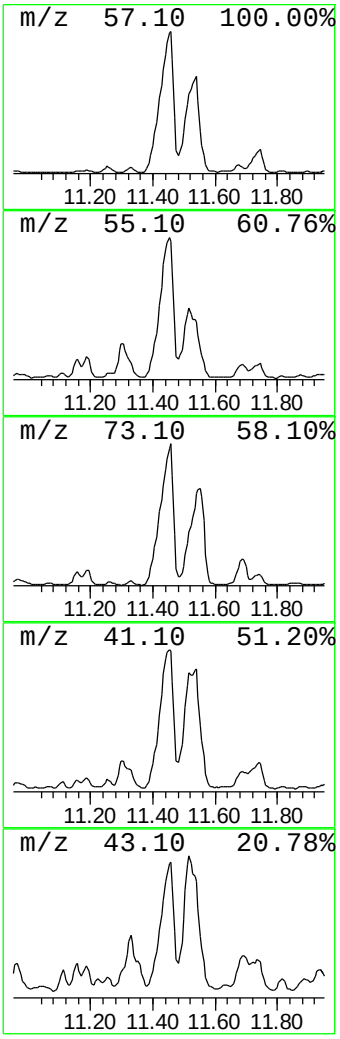
Peak Number 18 unknown-08 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	87.84 ng/ul	8049320	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanol-4	172	C11H24O	004272-06-4	40
2	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	38
3	di-tert-Butyl 1,3-acetonedicarbo...	258	C13H22O5	028009-80-5	37
4	Butanoic acid, 3,3-dimethyl-, me...	130	C7H14O2	010250-48-3	37
5	4-Hepten-3-one, 5-ethyl-4-methyl-	154	C10H18O	022319-28-4	37





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Quant Title : SVOA CALIBRATION

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

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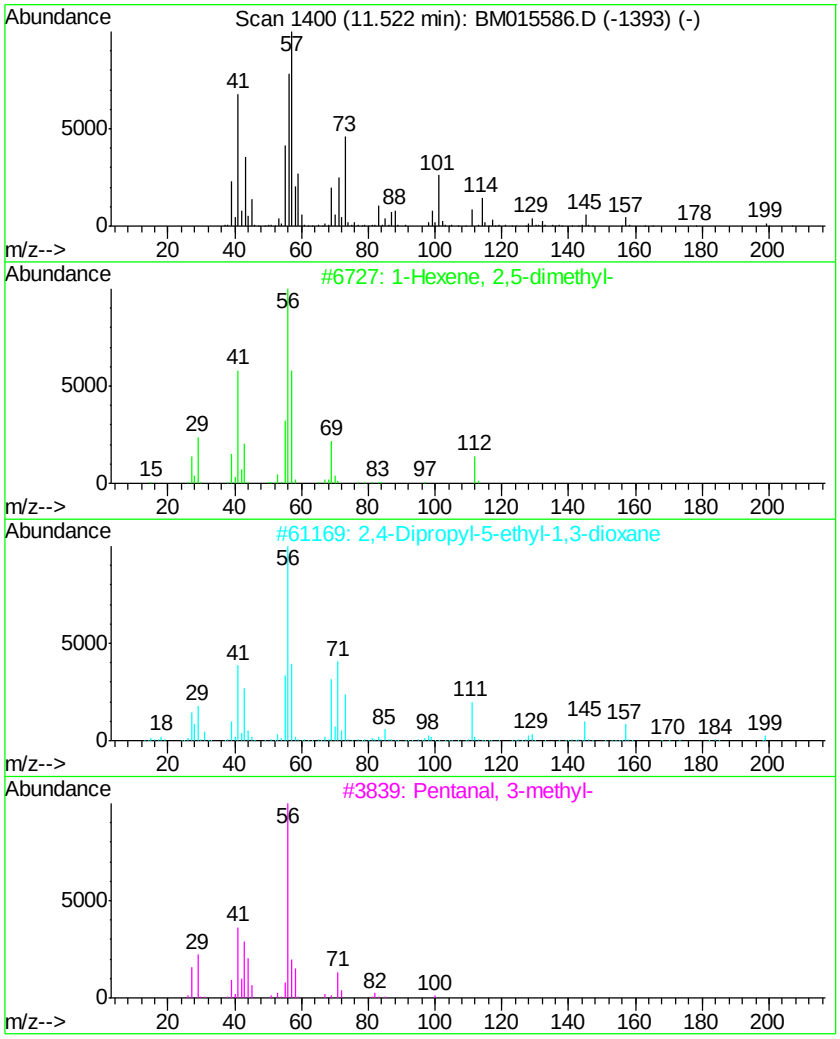
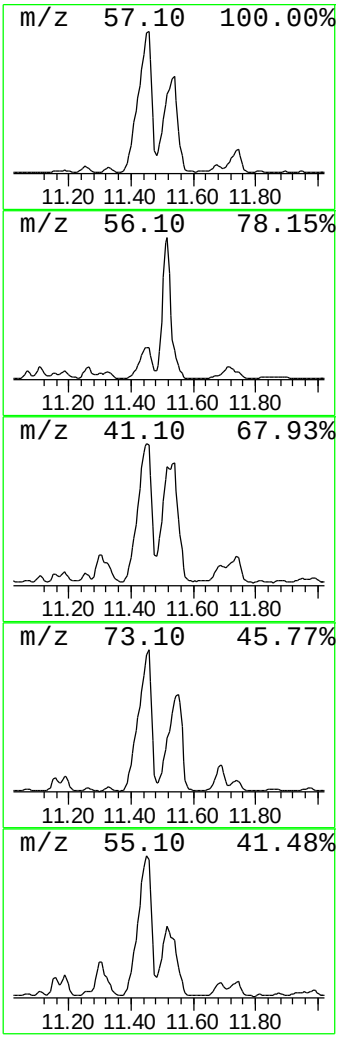
Peak Number 19 (DEL) Alkane: Cyclic11.52 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	39.60 ng/ul	3629280	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	35
2	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	35
3	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	35
4	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	35
5	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	35





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Instrument : BNA_M
ClientSampleId : DAWT3

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Quant Title : SVOA CALIBRATION

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

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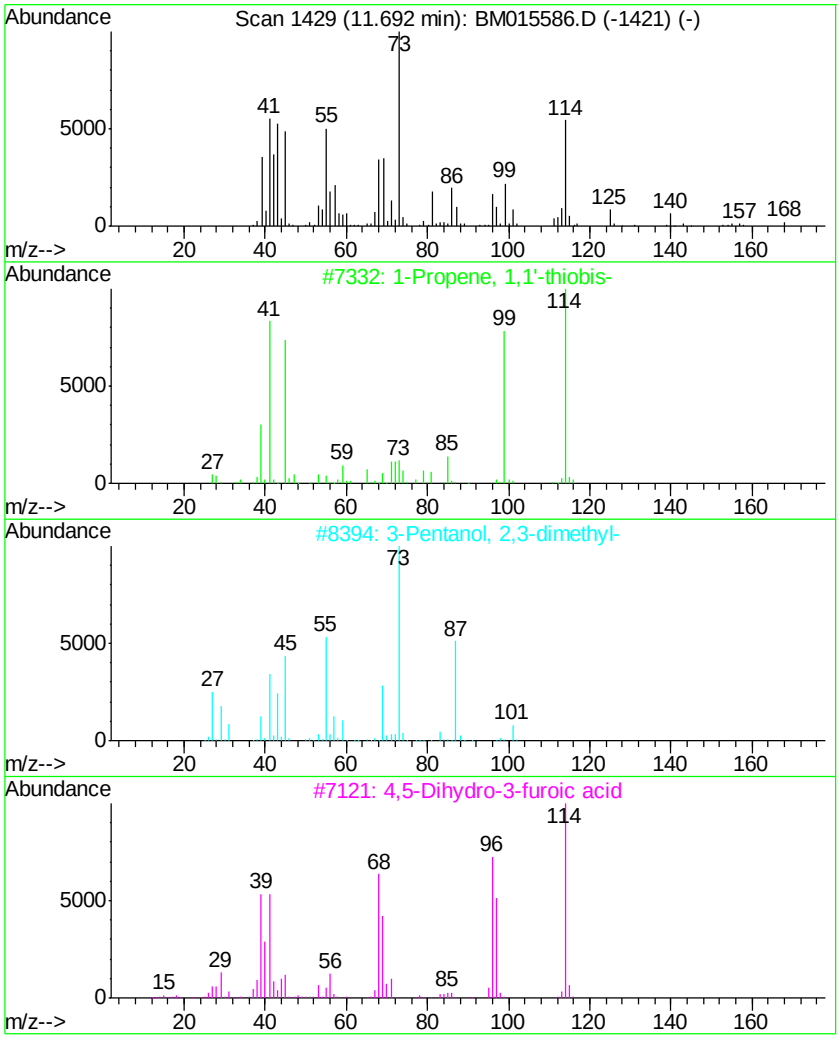
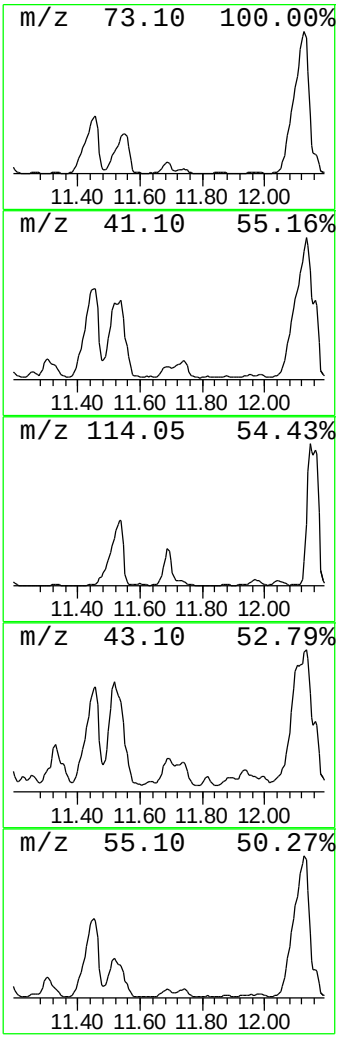
Peak Number 20 unknown-09 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	10.96 ng/ul	1004310	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 1,1'-thiobis-	114	C6H10S	033922-80-4	38
2	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	27
3	4,5-Dihydro-3-furoic acid	114	C5H6O3	098021-62-6	25
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	22
5	2(5H)-Thiophenone, 5-methyl-	114	C5H6OS	007210-64-2	22





Library Search Compound Report

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Acq On : 09 Jun 2018 05:01
Operator : SJ/JU
Sample : J3375-16
Misc :
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Instrument : BNA_M
ClientSampleId : DAWT3

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Quant Title : SVOA CALIBRATION

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

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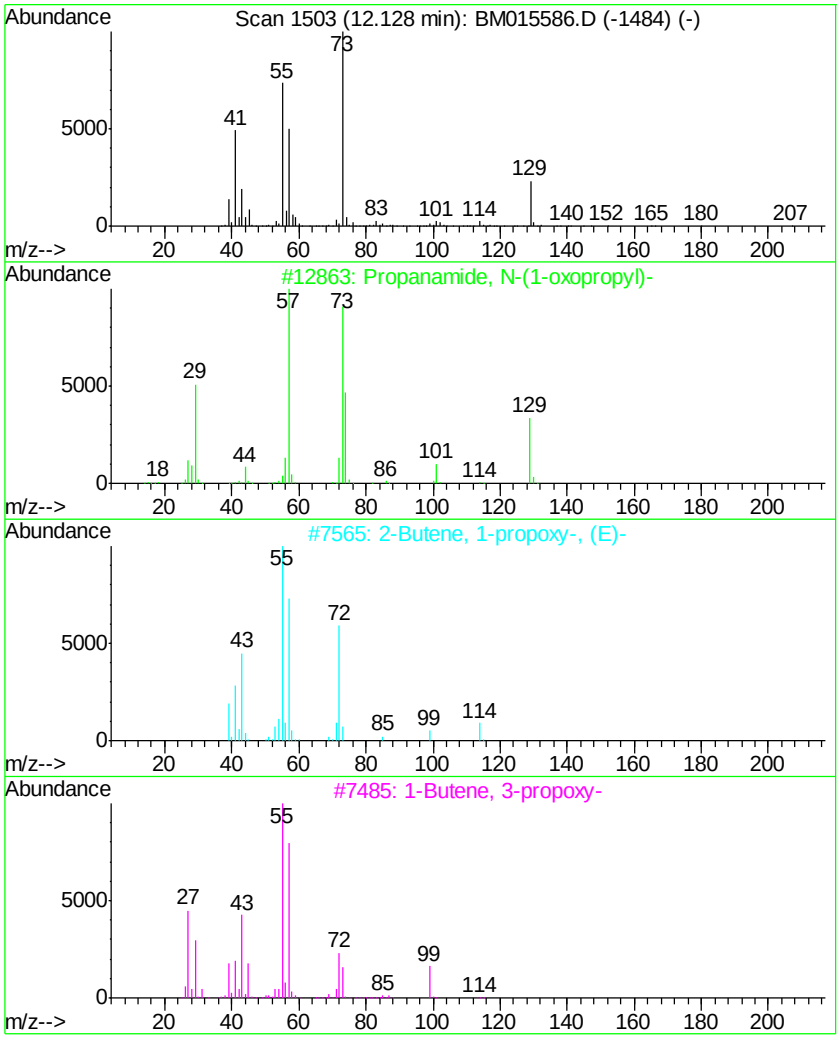
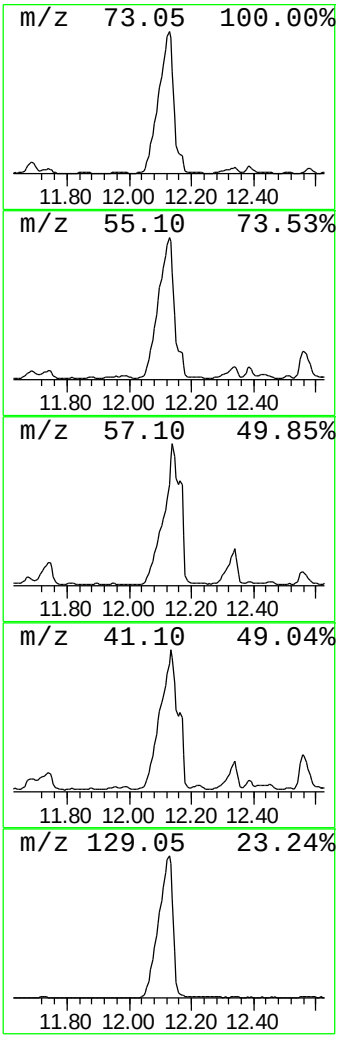
Peak Number 21 unknown-10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	161.23 ng/ul	14774700	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanamide, N-(1-oxopropyl)-	129	C6H11NO2	006050-26-6	38
2	2-Butene, 1-propoxy-, (E)-	114	C7H14O	056052-71-2	38
3	1-Butene, 3-propoxy-	114	C7H14O	037027-59-1	35
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	32
5	Neopentyl isothiocyanate	129	C6H11NS	000597-97-7	30





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Sample : J3375-16
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ClientSampleId : DAWT3

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Quant Title : SVOA CALIBRATION

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

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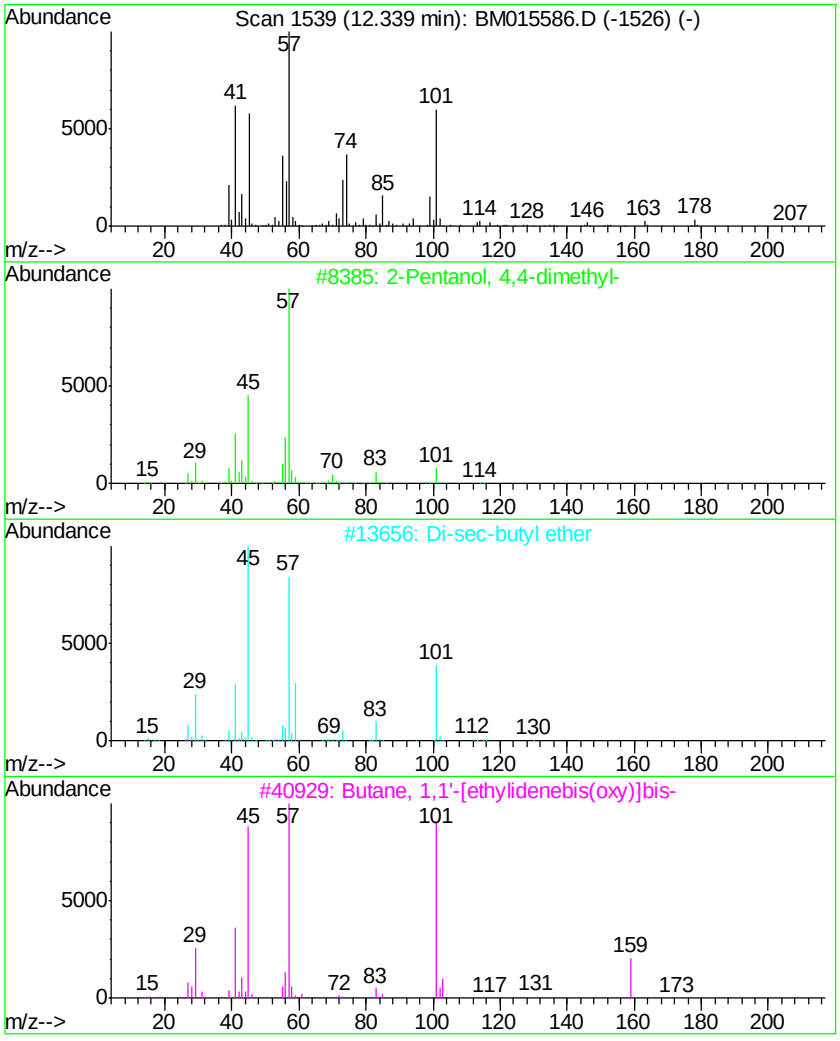
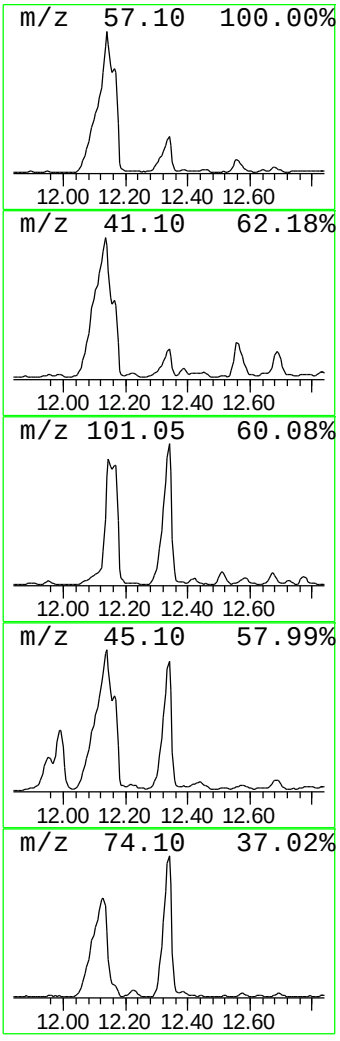
Peak Number 22 unknown-11 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	21.00 ng/ul	1924480	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	47
2	Di-sec-butyl ether	130	C8H18O	006863-58-7	47
3	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	43
4	Sulfurous acid, isobutyl 2-methy...	238	C10H22O4S	1000309-20-3	38
5	Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	37





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Instrument : BNA_M
ClientSampleId : DAWT3

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Quant Title : SVOA CALIBRATION

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

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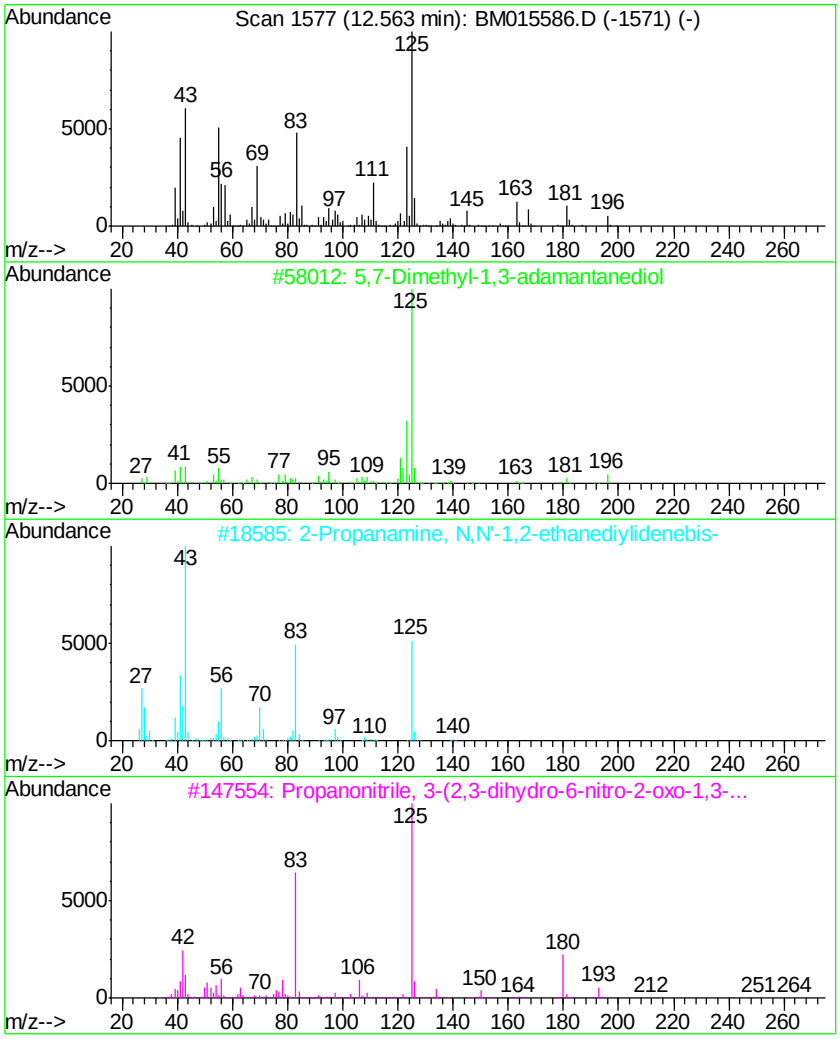
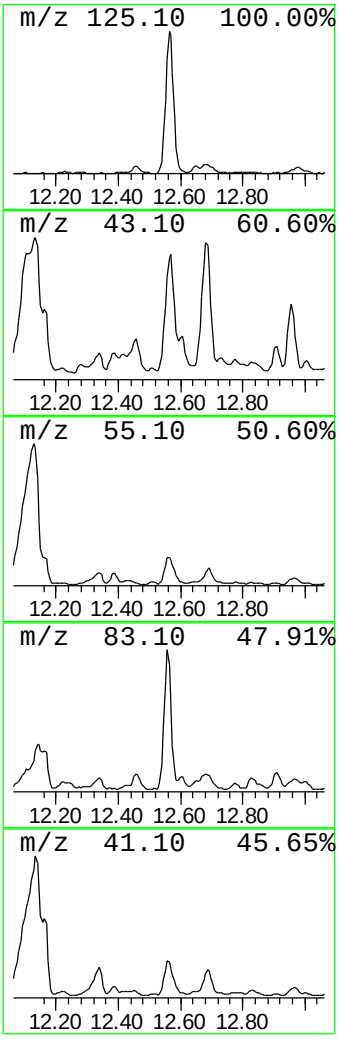
Peak Number 23 unknown-12 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	43.93 ng/ul	4025300	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,7-Dimethyl-1,3-adamantanediol	196	C12H20O2	010347-01-0	49
2	2-Propanamine, N,N'-1,2-ethanedi...	140	C8H16N2	024764-90-7	47
3	Propanonitrile, 3-(2,3-dihydro-6...	304	C14H16N4O4	1000293-97-2	43
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	43
5	3-Cyclopentylpropionic acid, 2-m...	226	C14H26O2	1000354-33-0	38





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Sample : J3375-16
Misc :
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Instrument : BNA_M
ClientSampleId : DAWT3

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Quant Title : SVOA CALIBRATION

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

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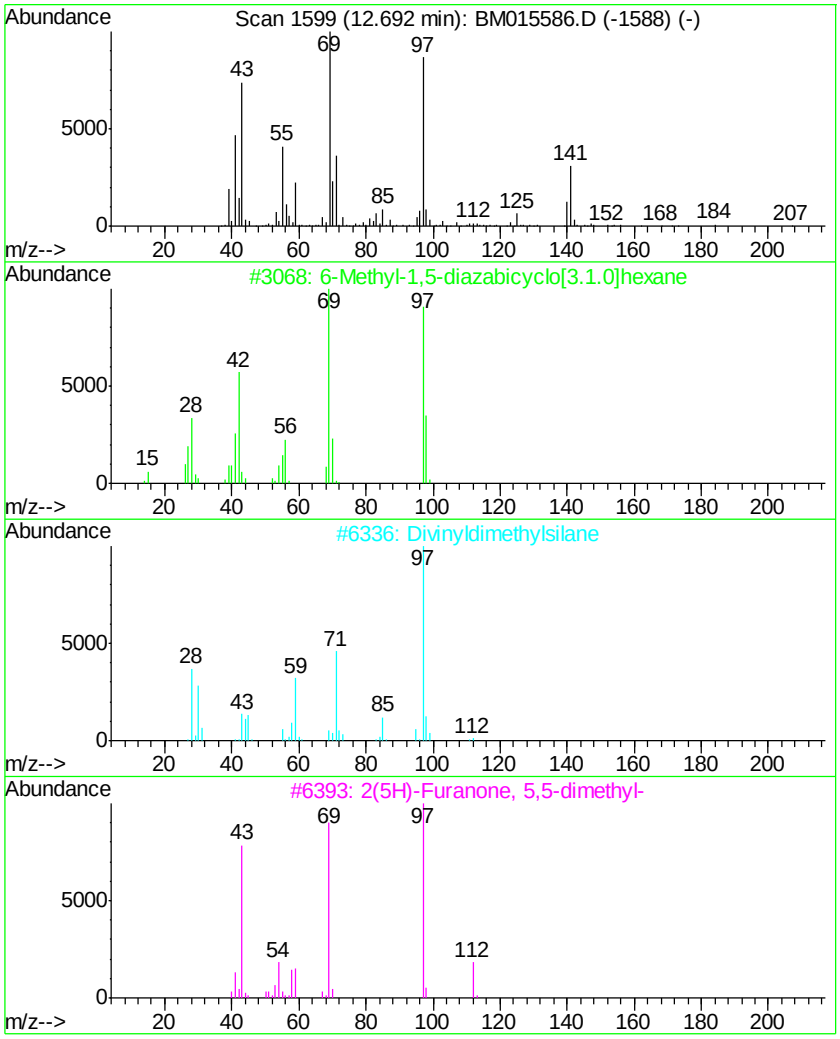
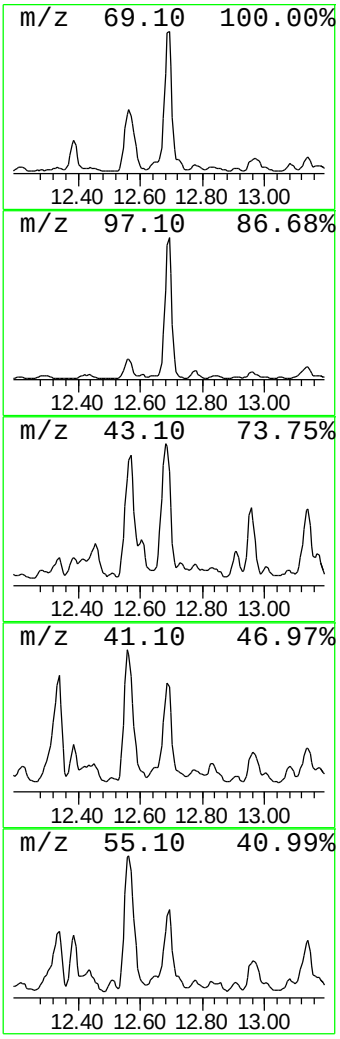
Peak Number 24 unknown-13 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	26.03 ng/ul	2385640	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-1,5-diazabicyclo[3.1.0]...	98	C5H10N2	100463-00-1	38
2	Divinyldimethylsilane	112	C6H12Si	010519-87-6	38
3	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	38
4	Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	27
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	25





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Sample : J3375-16
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ALS Vial : 29 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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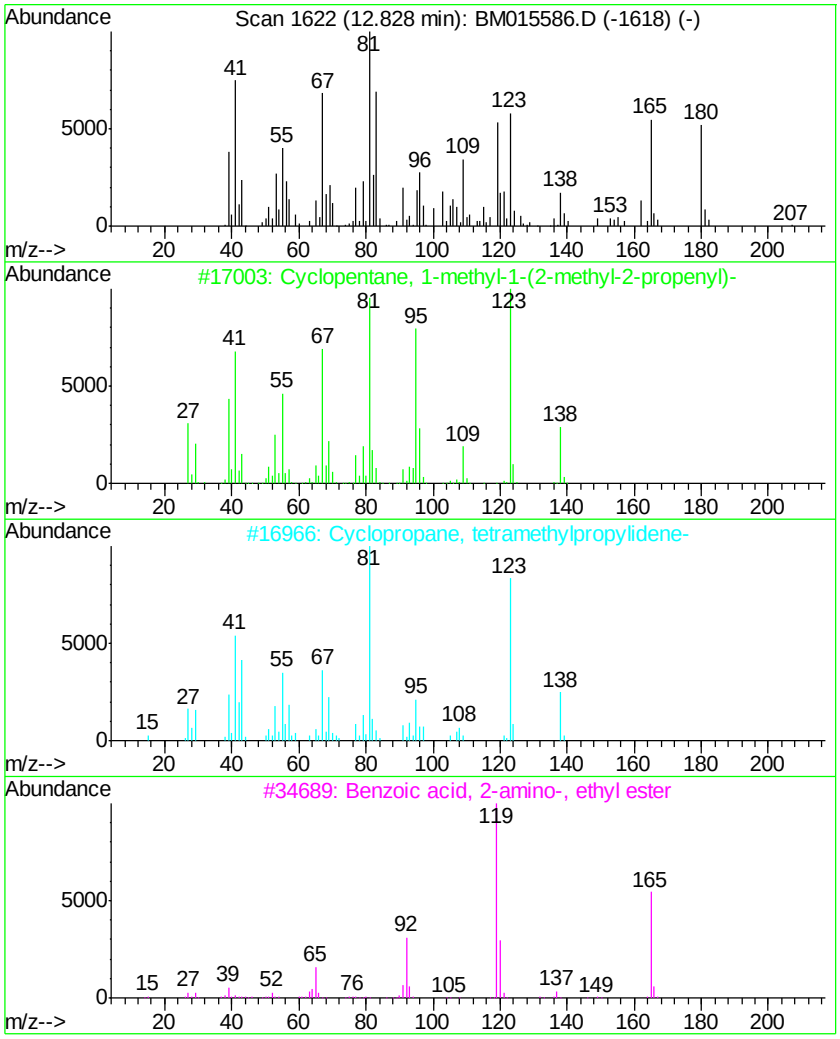
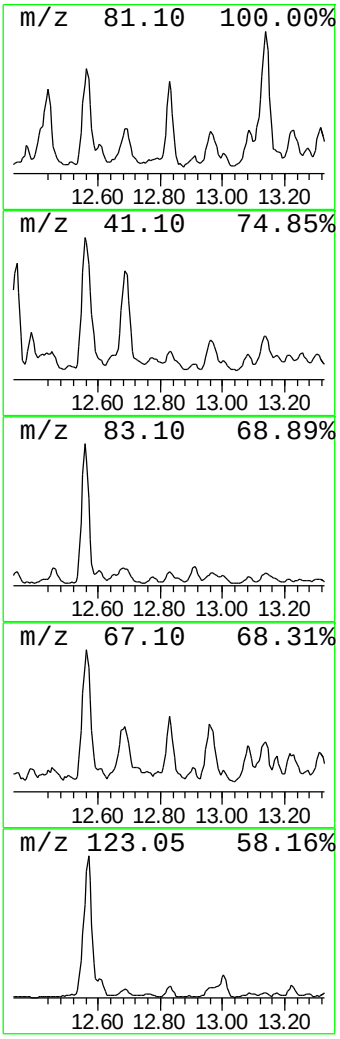
Peak Number 25 unknown-14 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	5.57 ng/ul	510239	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	42
2	Cyclopropane, tetramethylpropyli...	138	C10H18	024519-04-8	25
3	Benzoic acid, 2-amino-, ethyl ester	165	C9H11NO2	000087-25-2	25
4	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	20
5	Ethylidenecyclooctane	138	C10H18	019780-51-9	20





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Operator : SJ/JU
Sample : J3375-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT3

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Quant Title : SVOA CALIBRATION

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

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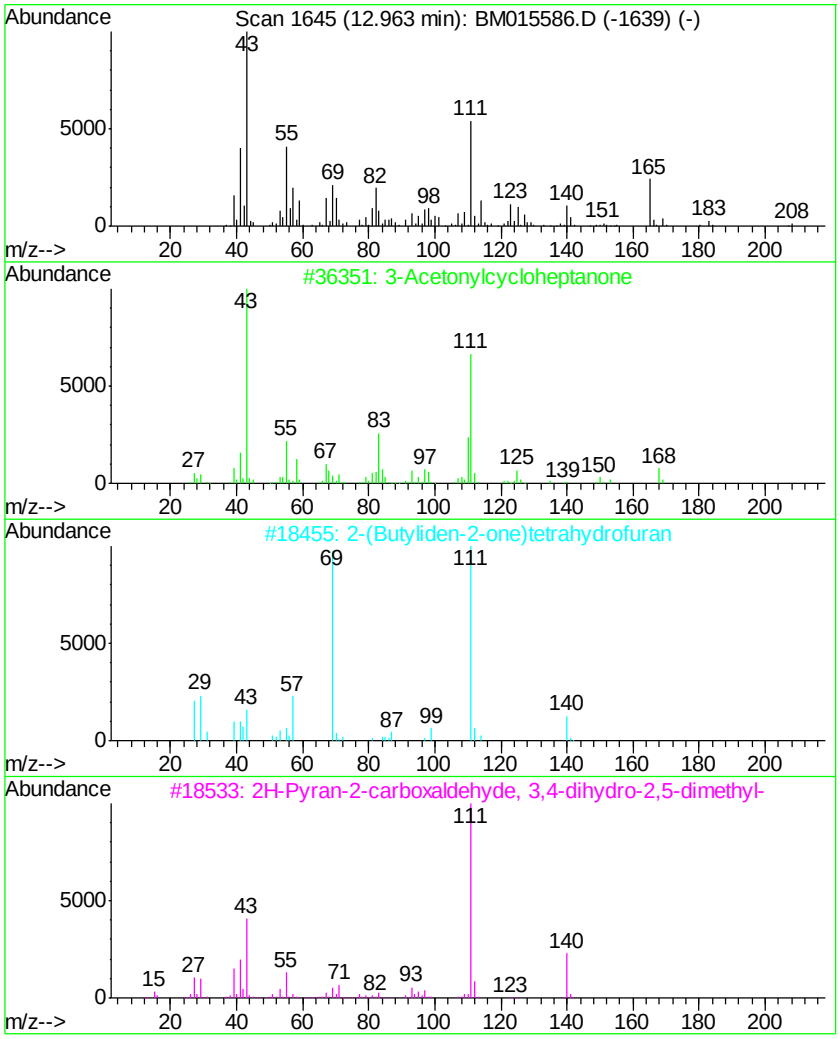
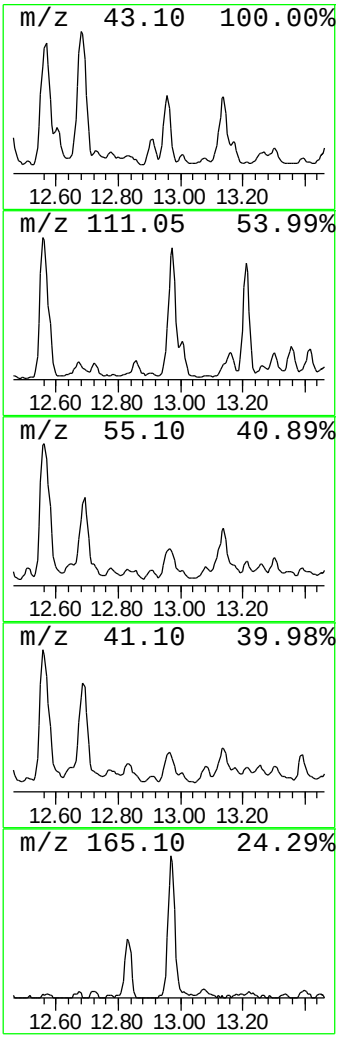
Peak Number 26 unknown-15 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	9.64 ng/ul	883678	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acetonylcycloheptanone	168	C10H16O2	066921-76-4	27
2	2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	22
3	2H-Pyran-2-carboxaldehyde, 3,4-d...	140	C8H12O2	001920-21-4	22
4	Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	14
5	3,4-Dimethyl-3-pyrrolin-2-one	111	C6H9NO	004030-22-2	14





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Sample : J3375-16
Misc :
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Instrument : BNA_M
ClientSampleId : DAWT3

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Quant Title : SVOA CALIBRATION

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

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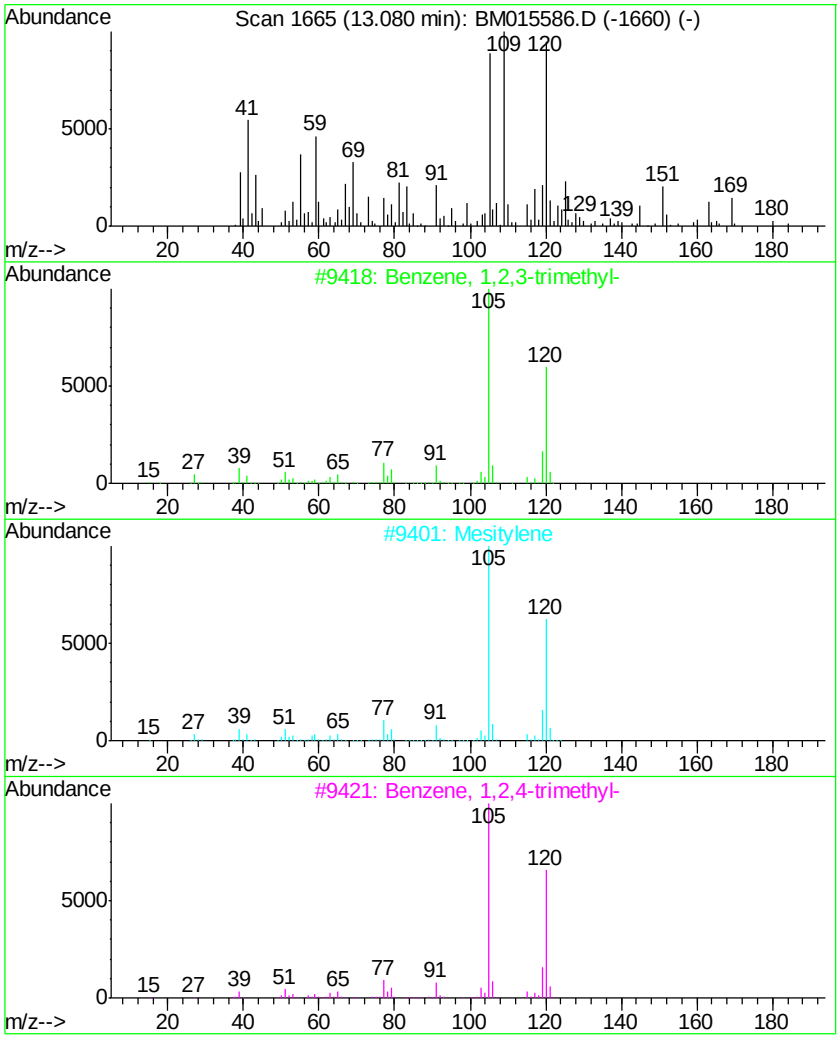
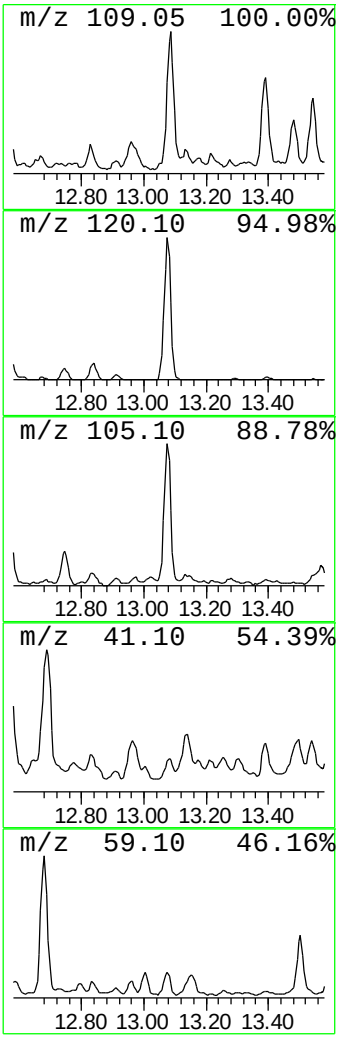
Peak Number 27 unknown-16 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	4.63 ng/ul	490057	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	35
2	Mesitylene	120	C9H12	000108-67-8	25
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	22
4	Mesitylene	120	C9H12	000108-67-8	20
5	Acetaminophen	151	C8H9NO2	000103-90-2	18





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Sample : J3375-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT3

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Quant Title : SVOA CALIBRATION

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

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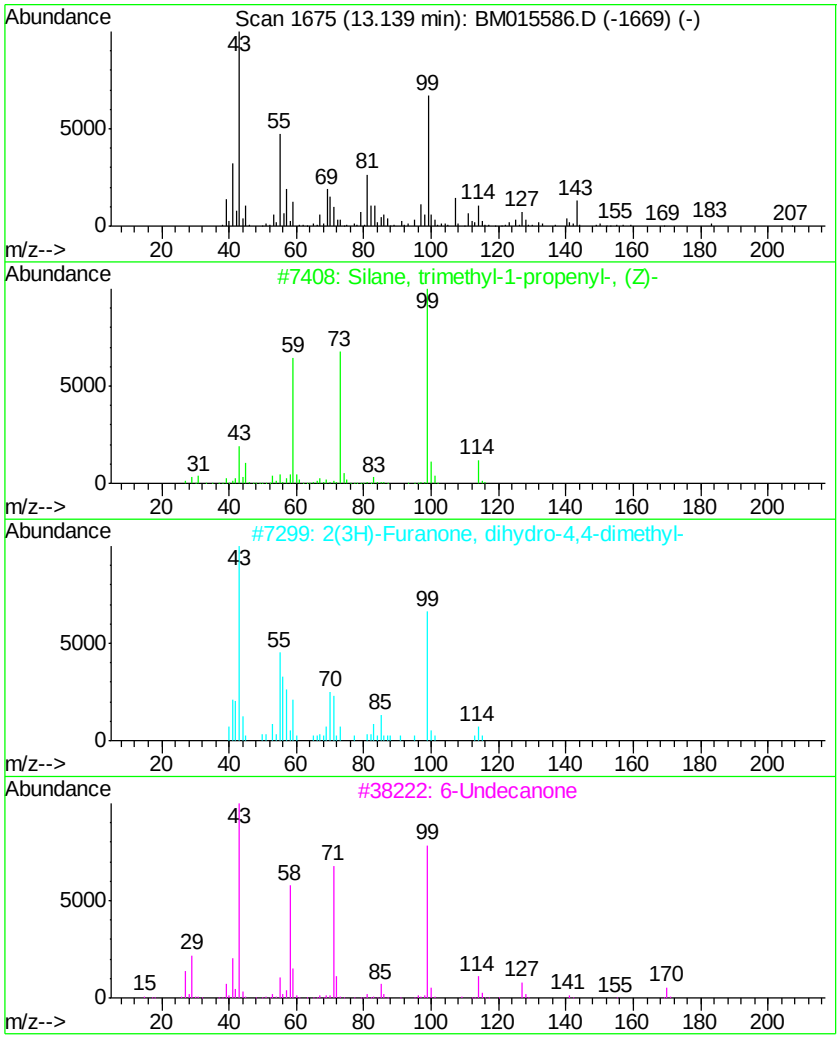
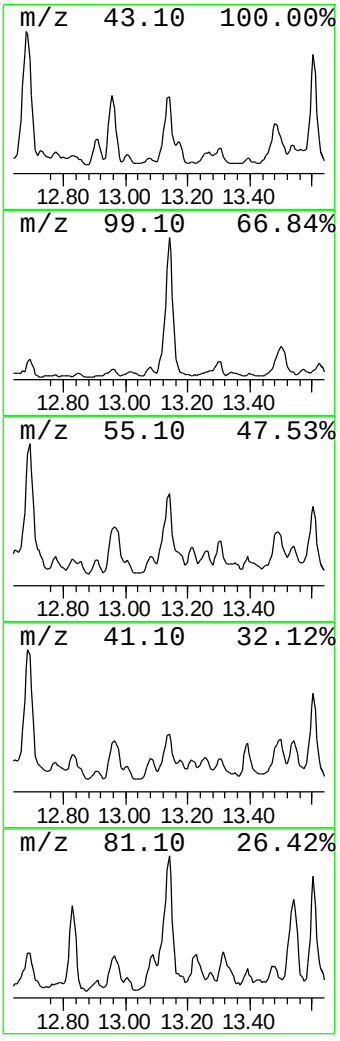
Peak Number 28 unknown-17 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	7.70 ng/ul	814394	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trimethyl-1-propenyl-, (Z)-	114	C6H14Si	004964-02-7	49
2	2(3H)-Furanone, dihydro-4,4-dime...	114	C6H10O2	013861-97-7	47
3	6-Undecanone	170	C11H22O	000927-49-1	38
4	4-Butyl-1,3-thiazole	141	C7H11NS	053833-33-3	38
5	Propanal, (1-methylethyl)hydrazone	114	C6H14N2	016713-38-5	38





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Sample : J3375-16
Misc :
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Instrument : BNA_M
ClientSampleId : DAWT3

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Quant Title : SVOA CALIBRATION

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

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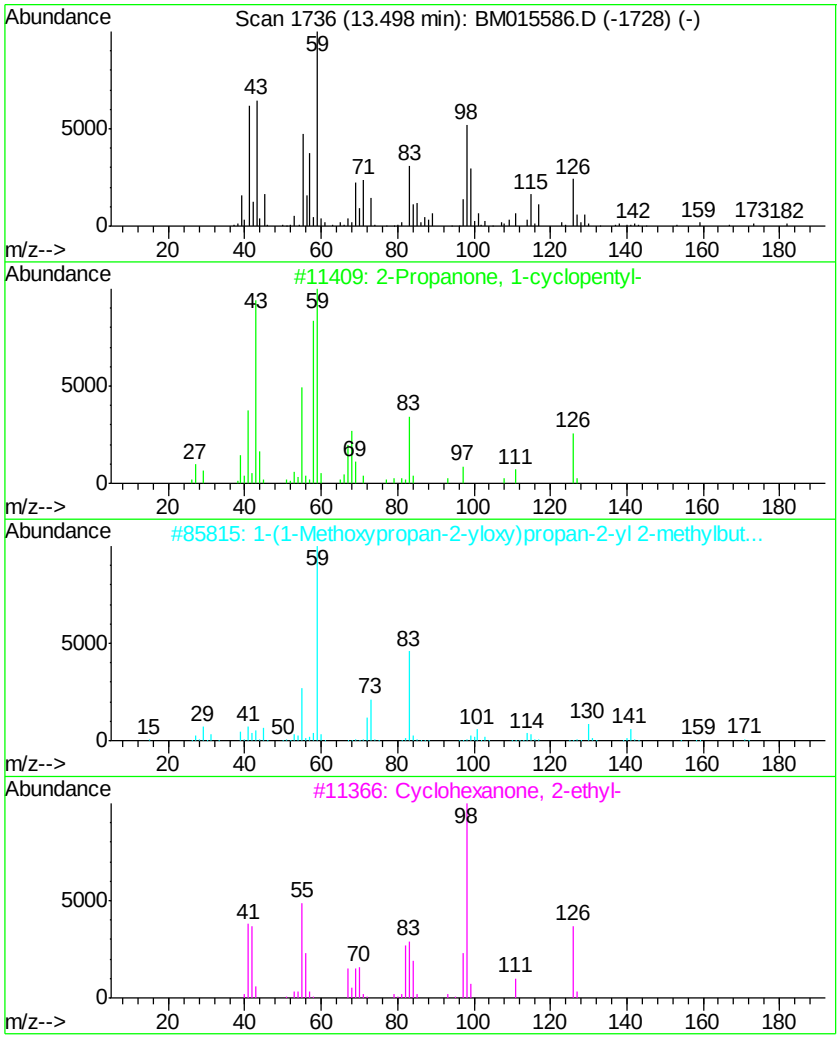
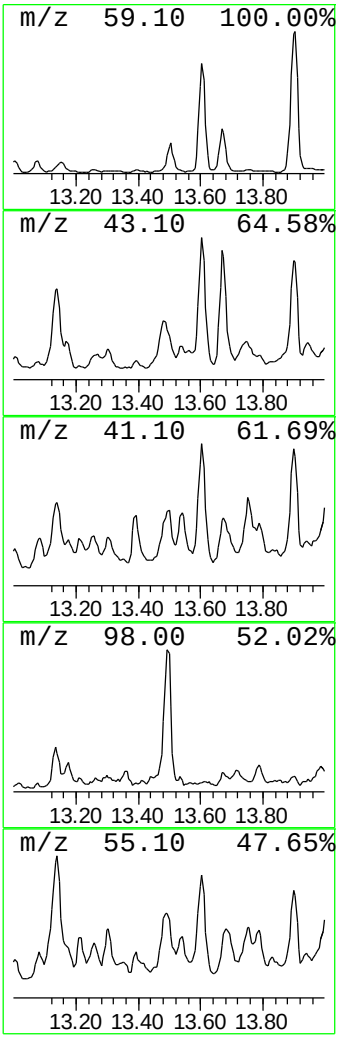
Peak Number 29 unknown-18 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	6.12 ng/ul	647468	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1-cyclopentyl-	126	C8H14O	001122-98-1	43
2	1-(1-Methoxypropan-2-yloxy)propa...	230	C12H22O4	1000367-11-3	38
3	Cyclohexanone, 2-ethyl-	126	C8H14O	004423-94-3	30
4	Hydrazine, (1-methylpropyl)-	88	C4H12N2	030924-14-2	27
5	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	27





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ClientSampleId : DAWT3

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Quant Title : SVOA CALIBRATION

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

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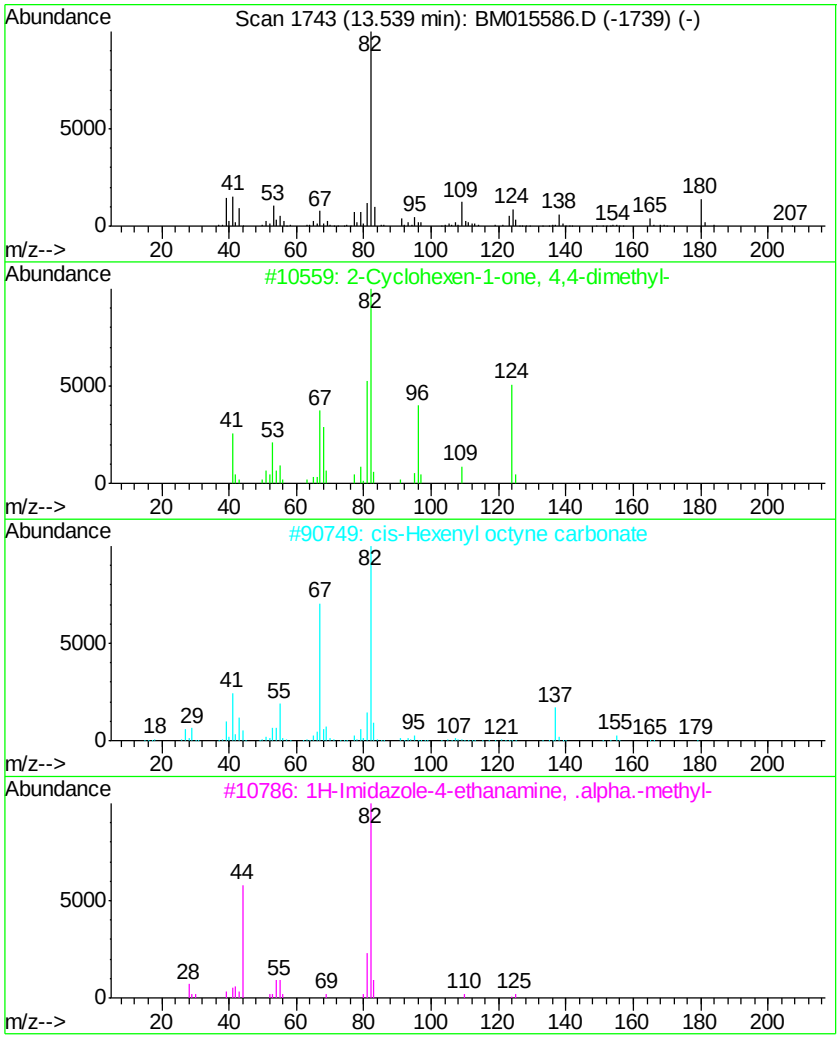
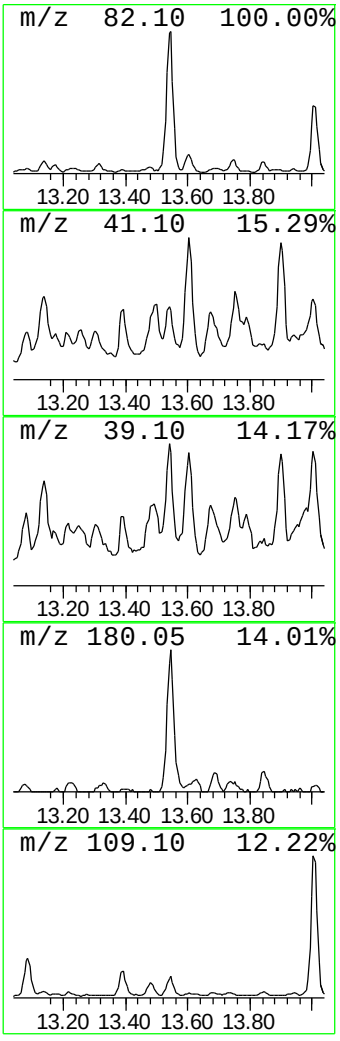
Peak Number 30 2-Cyclohexen-1-one, 4,4-dim... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	4.89 ng/ul	517373	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 4,4-dimethyl-	124	C8H12O	001073-13-8	59
2	cis-Hexenyl octyne carbonate	236	C15H24O2	068480-29-5	59
3	1H-Imidazole-4-ethanamine, .alph...	125	C6H11N3	006986-90-9	47
4	cis-3-Hexenyl heptine carbonate	222	C14H22O2	068698-58-8	45
5	8-Oxabicyclo[3.2.1]oct-6-en-2-on...	166	C10H14O2	058705-36-5	45





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Sample : J3375-16
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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT3

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Quant Title : SVOA CALIBRATION

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

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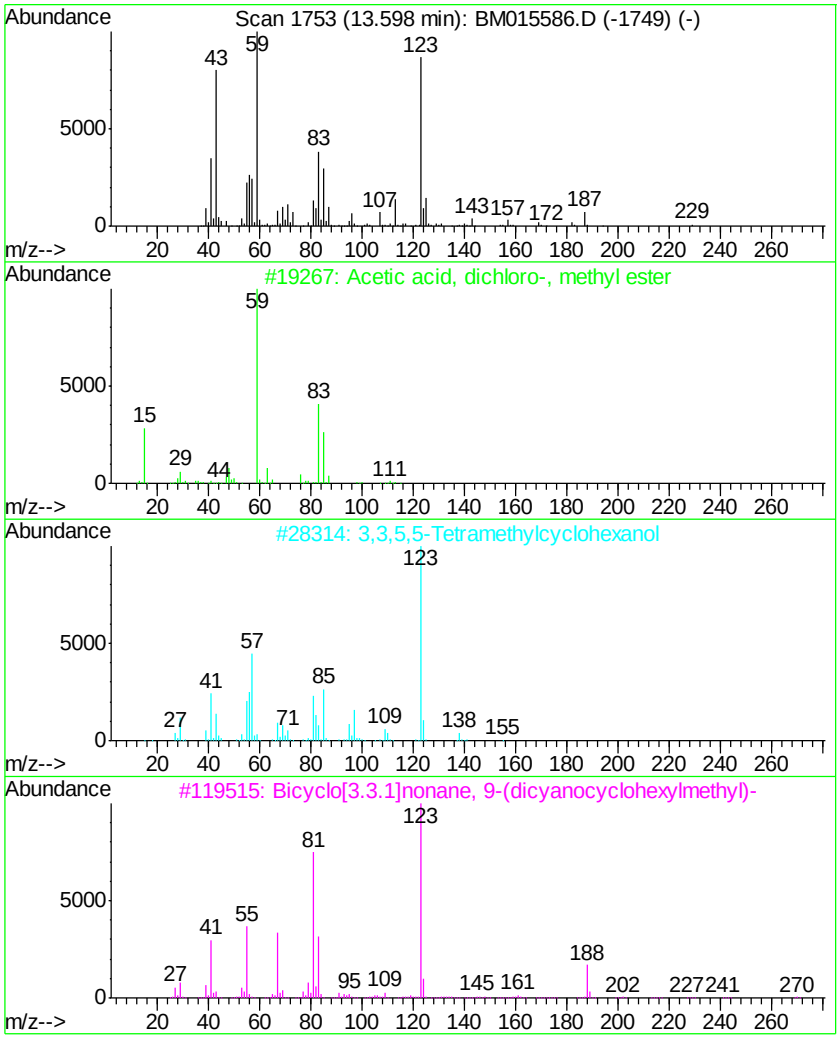
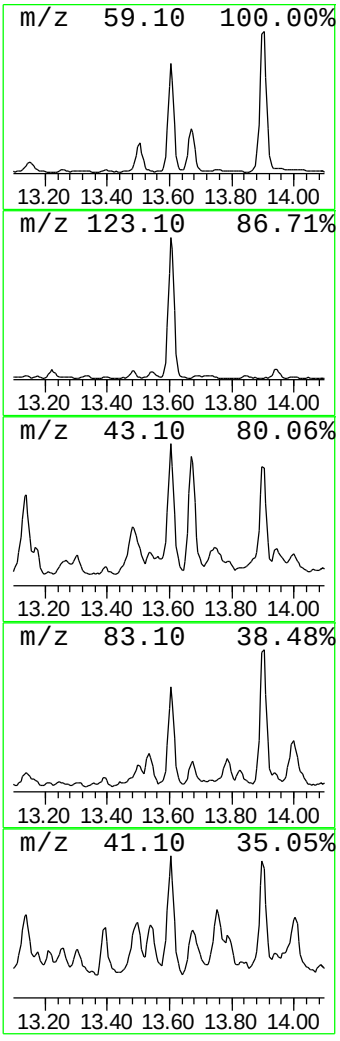
Peak Number 31 unknown-19 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	15.77 ng/ul	1669080	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, dichloro-, methyl e...	142	C3H4Cl2O2	000116-54-1	32
2	3,3,5,5-Tetramethylcyclohexanol	156	C10H20O	002650-40-0	25
3	Bicyclo[3.3.1]nonane, 9-(dicyano...	270	C18H26N2	1000149-29-7	25
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	22
5	.beta.-d-Threofuranose, 1,2-0-(1...	160	C7H12O4	1000314-09-3	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015586.D
Acq On : 09 Jun 2018 05:01
Operator : SJ/JU
Sample : J3375-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

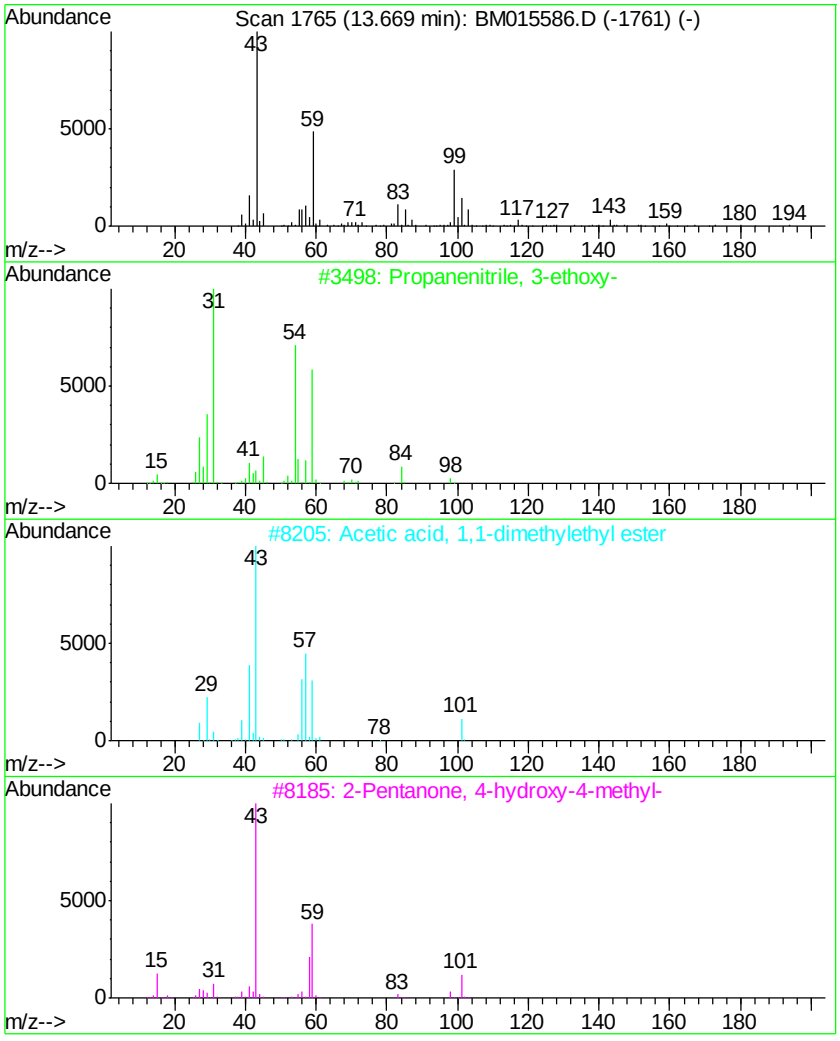
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

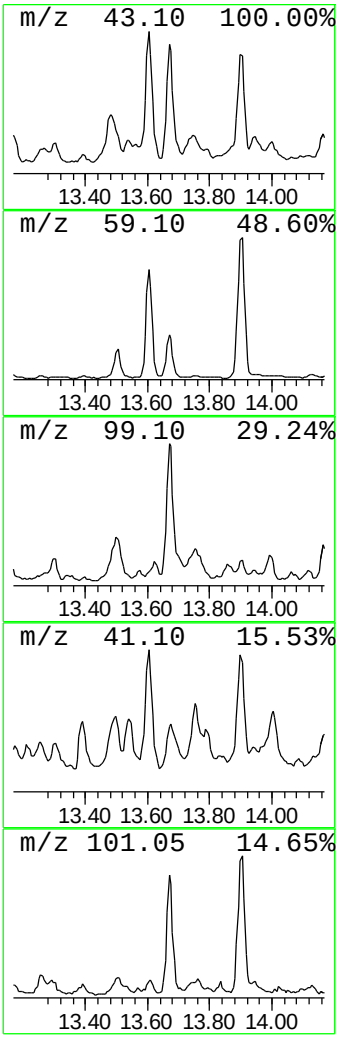
****

Peak Number 32 unknown-20 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	8.53 ng/ul	902129	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	27
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	27
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	17
4	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	16
5	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015586.D
Acq On : 09 Jun 2018 05:01
Operator : SJ/JU
Sample : J3375-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

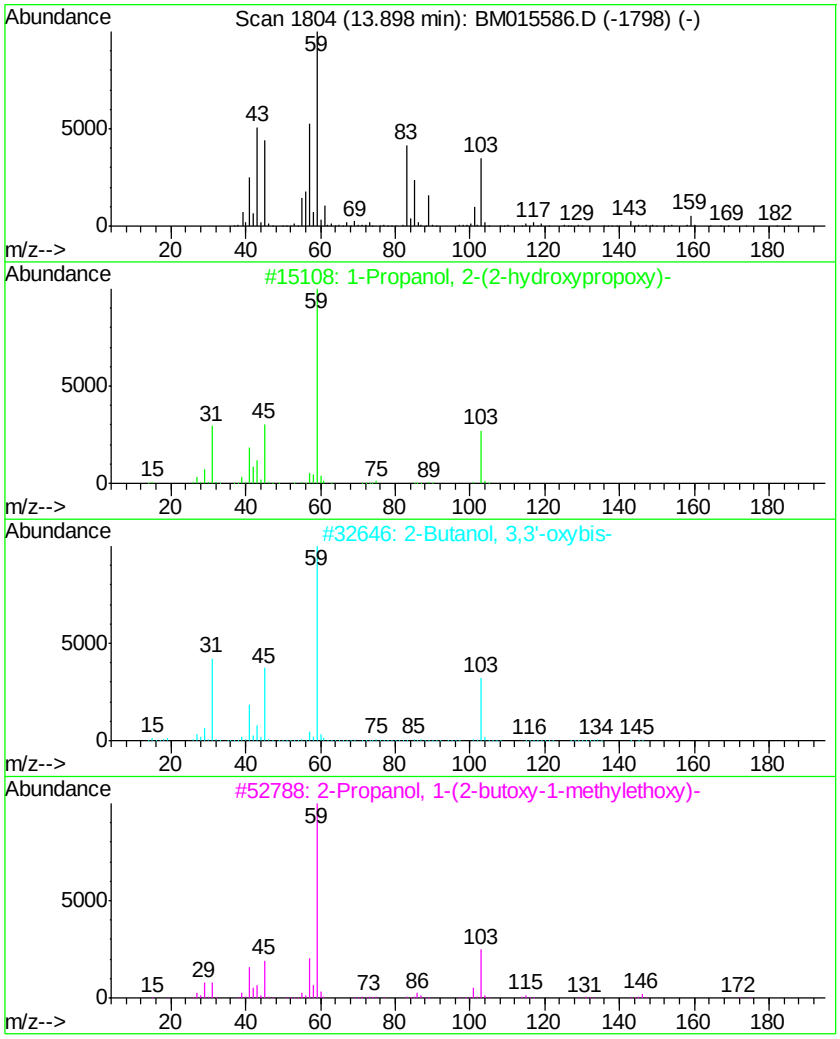
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

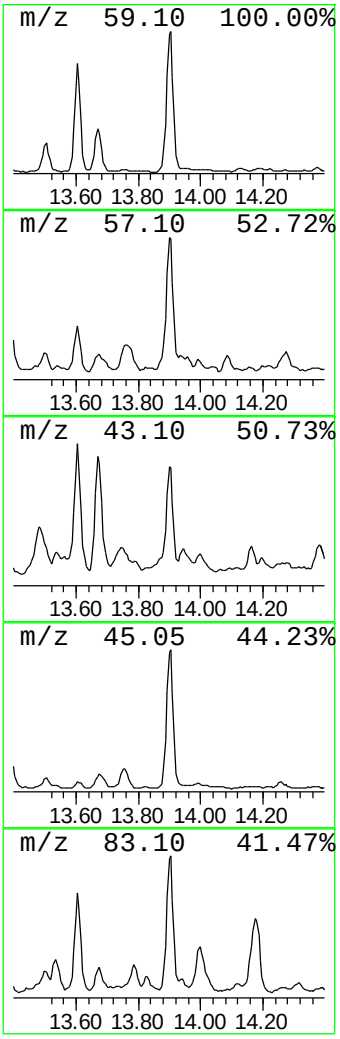
****

Peak Number 33 unknown-21 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	14.91 ng/ul	1577810	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	47
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	47
3	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	43
4	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	43
5	3-Octanol	130	C8H18O	000589-98-0	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060818\
Data File : BM015586.D
Acq On : 09 Jun 2018 05:01
Operator : SJ/JU
Sample : J3375-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAWT3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	5.83	60.8	ng/ul	2692560	1	8.35	885287	20.0
unknown-02	6.03	35.4	ng/ul	1565270	1	8.35	885287	20.0
1,1-Hexylenedioxy...	7.04	51.1	ng/ul	2260690	1	8.35	885287	20.0
Oxalic acid, cycl...	7.57	11.0	ng/ul	487091	1	8.35	885287	20.0
Oxalic acid, cycl...	8.55	278.7	ng/ul	12335500	1	8.35	885287	20.0
unknown-03	8.60	1096.7	ng/ul	48542700	1	8.35	885287	20.0
unknown-04	9.34	15.5	ng/ul	684579	1	8.35	885287	20.0
unknown-05	9.47	106.3	ng/ul	4707680	1	8.35	885287	20.0
1H-Pyrazole, 4,5-...	9.78	8.3	ng/ul	760430	2	11.17	1832780	20.0
unknown-06	9.95	6.9	ng/ul	635033	2	11.17	1832780	20.0
(DEL) Alkane: Cyc...	10.13	32.0	ng/ul	2931310	2	11.17	1832780	20.0
Butanoic acid, 3-...	10.40	25.5	ng/ul	2332690	2	11.17	1832780	20.0
(DEL) Alkane: Cyc...	10.60	9.4	ng/ul	863920	2	11.17	1832780	20.0
unknown-07	10.71	44.6	ng/ul	4091680	2	11.17	1832780	20.0
Tetrahydrocarvone	11.30	6.7	ng/ul	610683	2	11.17	1832780	20.0
unknown-08	11.45	87.8	ng/ul	8049320	2	11.17	1832780	20.0
(DEL) Alkane: Cyc...	11.52	39.6	ng/ul	3629280	2	11.17	1832780	20.0
unknown-09	11.69	11.0	ng/ul	1004310	2	11.17	1832780	20.0
unknown-10	12.13	161.2	ng/ul	14774700	2	11.17	1832780	20.0
unknown-11	12.34	21.0	ng/ul	1924480	2	11.17	1832780	20.0
unknown-12	12.56	43.9	ng/ul	4025300	2	11.17	1832780	20.0
unknown-13	12.69	26.0	ng/ul	2385640	2	11.17	1832780	20.0
unknown-14	12.83	5.6	ng/ul	510239	2	11.17	1832780	20.0
unknown-15	12.96	9.6	ng/ul	883678	2	11.17	1832780	20.0
unknown-16	13.08	4.6	ng/ul	490057	3	14.96	2116220	20.0
unknown-17	13.14	7.7	ng/ul	814394	3	14.96	2116220	20.0
unknown-18	13.50	6.1	ng/ul	647468	3	14.96	2116220	20.0
2-Cyclohexen-1-on...	13.54	4.9	ng/ul	517373	3	14.96	2116220	20.0
unknown-19	13.60	15.8	ng/ul	1669080	3	14.96	2116220	20.0
unknown-20	13.67	8.5	ng/ul	902129	3	14.96	2116220	20.0
unknown-21	13.90	14.9	ng/ul	1577810	3	14.96	2116220	20.0