LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023538.D
Acq On : 8 Aug 2016 17:33
Operator : UM/SJ
Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V12

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.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	2.995	21	27	61	rVB2	21888010	65029659	100.00%	27.446%
2	4.511	280	285	294	rBV9	55337	159144	0.24%	0.067%
3	5.181	395	399	407	rVB2	60136	94347	0.15%	0.040%
4	5.398	430	436	444	rBV2	68285	125173	0.19%	0.053%
5	7.266	745	754	766	rBV	761904	1427933	2.20%	0.603%
6	7.431	775	782	792	rBV	568875	948825	1.46%	0.400%
7	7.642	811	818	821	rBV	682545	1272718	1.96%	0.537%
8	7.677	821	824	833	rVB	808299	1263849	1.94%	0.533%
9	8.118	889	899	908	rVB	423934	772140	1.19%	0.326%
10	8.641	979	988	994	rBV2	803766	1997618	3.07%	0.843%
11	8.694	994	997	1005	rVB2	90418	151794	0.23%	0.064%
12	8.829	1013	1020	1030	rVV2	912507	1577835	2.43%	0.666%
13	8.946	1033	1040	1052	rBV	1174443	2029423	3.12%	0.857%
14	9.205	1077	1084	1092	rBV	365852	639374	0.98%	0.270%
15	9.293	1092	1099	1102	rBV	664746	1264654	1.94%	0.534%
16	9.334	1102	1106	1115	rVB	1263789	2231501	3.43%	0.942%
17	9.592	1143	1150	1158	rVB	1578983	2643415	4.06%	1.116%
18	10.021	1216	1223	1225	rBV	645435	1142503	1.76%	0.482%
19	10.050	1225	1228	1242	rVB	937797	1670806	2.57%	0.705%
20	10.567	1309	1316	1319	rBV	986969	2048166	3.15%	0.864%
21	10.844	1359	1363	1371	rVB3	55255	97447	0.15%	0.041%
22	10.949	1374	1381	1385	rBV	670644	1246131	1.92%	0.526%
23	10.996	1385	1389	1397	rVB	597655	1079434	1.66%	0.456%
24	11.084	1397	1404	1415	rBV2	534845	1096133	1.69%	0.463%
25	12.230	1592	1599	1614	rBV	1732896	3008718	4.63%	1.270%
26	12.459	1630	1638	1647	rBV	812782	1467348	2.26%	0.619%
27	12.823	1691	1700	1709	rVB	2302341	3889009	5.98%	1.641%
28	12.970	1719	1725	1735	rVB	868208	1445144	2.22%	0.610%
29	13.211	1759	1766	1771	rBV	1264623	2062929	3.17%	0.871%
30	13.252	1771	1773	1784	rVB2	79464	127462	0.20%	0.054%
31	13.605	1826	1833	1841	rBV	2498645	3948266	6.07%	1.666%
32	13.863	1869	1877	1888	rBV	2150030	3432722	5.28%	1.449%
33	14.174	1923	1930	1938	rBV	1922957	2887348	4.44%	1.219%
34	14.262	1938	1945	1953	rVV2	234183	379134	0.58%	0.160%

LSC Area Percent Report

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Acq On : 8 Aug 2016 17:33
Operator : UM/SJ
Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V12

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Title : SVOA CALIBRATION

35	14.351	1953	1960	1971	rVB	1656507	2476863	3.81%	1.045%
36	14.474	1971	1981	1983	rBV	2077859	3425716	5.27%	1.446%
37	14.503	1983	1986	1995	rVB	2945840	4512547	6.94%	1.905%
38	14.779	2023	2033	2039	rBV2	1174782	1995194	3.07%	0.842%
39	14.844	2039	2044	2051	rVB	332205	518102	0.80%	0.219%
40	15.003	2058	2071	2088	rBV2	2082340	4616574	7.10%	1.948%
41	15.144	2088	2095	2098	rVV	2116217	3232273	4.97%	1.364%
42	15.179	2098	2101	2107	rVB	1393351	1951030	3.00%	0.823%
43	15.420	2135	2142	2150	rVB	206585	407239	0.63%	0.172%
44	15.584	2164	2170	2178	rBV	3051421	4471107	6.88%	1.887%
45	15.772	2195	2202	2208	rBV	2803222	4355768	6.70%	1.838%
46	15.831	2208	2212	2218	rVV	710390	1053928	1.62%	0.445%
47	15.896	2218	2223	2230	rVB	1034281	1595032	2.45%	0.673%
48	16.037	2236	2247	2253	rBV	3955932	6321497	9.72%	2.668%
49	16.277	2282	2288	2298	rBV4	136583	373349	0.57%	0.158%
50	16.407	2306	2310	2318	rVB2	45013	70013	0.11%	0.030%
51	16.706	2355	2361	2366	rVV6	41009	92022	0.14%	0.039%
52	16.788	2366	2375	2378	rVV3	497860	964778	1.48%	0.407%
53	16.841	2378	2384	2398	rVB	2674774	4158294	6.39%	1.755%
54	17.188	2436	2443	2456	rBV	1818644	2856954	4.39%	1.206%
55	17.540	2496	2503	2506	rBV2	1712087	2611630	4.02%	1.102%
56	17.581	2506	2510	2515	rVV	3021868	4698155	7.22%	1.983%
57	17.640	2515	2520	2531	rVB2	3110778	4837648	7.44%	2.042%
58	18.486	2658	2664	2670	rBV	3222786	4486997	6.90%	1.894%
59	19.561	2843	2847	2852	rBV	40217	65223	0.10%	0.028%
60	19.796	2881	2887	2899	rBV2	532652	842831	1.30%	0.356%
61	19.931	2903	2910	2913	rBV	3662614	5991623	9.21%	2.529%
62	20.149	2942	2947	2952	rBV	186014	235926	0.36%	0.100%
63	20.301	2968	2973	2976	rBV3	52373	67333	0.10%	0.028%
64	20.765	3045	3052	3057	rBV9	44767	104645	0.16%	0.044%
65	20.953	3079	3084	3093	rBV2	173251	241631	0.37%	0.102%
66	21.130	3111	3114	3119	rVB6	47679	67739	0.10%	0.029%
67	21.741	3213	3218	3226	rBV	511386	867192	1.33%	0.366%
68	21.835	3226	3234	3246	rVV2	3910243	9148108	14.07%	3.861%
69	22.205	3291	3297	3304	rVB3	141121	267401	0.41%	0.113%
70	22.422	3326	3334	3346	rBV	4359260	7406840	11.39%	3.126%
71	22.598	3360	3364	3371	rBV5	76841	154532	0.24%	0.065%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V12

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Title : SVOA CALIBRATION

72	22.974	3420	3428	3441	rBV	1992396	3681933	5.66%	1.554%
73	23.380	3493	3497	3502	rVB7	37229	65038	0.10%	0.027%
74	24.155	3619	3629	3638	rBV	2021395	5099438	7.84%	2.152%
75	25.001	3762	3773	3779	rBV2	1580541	4865908	7.48%	2.054%
76	25.065	3779	3784	3797	rVB	1060075	2978148	4.58%	1.257%
77	25.224	3801	3811	3827	rVB3	941192	2811205	4.32%	1.186%
78	26.399	4006	4011	4019	rVB6	67573	150661	0.23%	0.064%
79	27.821	4246	4253	4260	rVB5	59301	188083	0.29%	0.079%
80	29.160	4463	4481	4498	rBV2	1595832	7246472	11.14%	3.058%
81	30.300	4655	4675	4694	rBV3	677937	3644243	5.60%	1.538%

Sum of corrected areas: 236932965

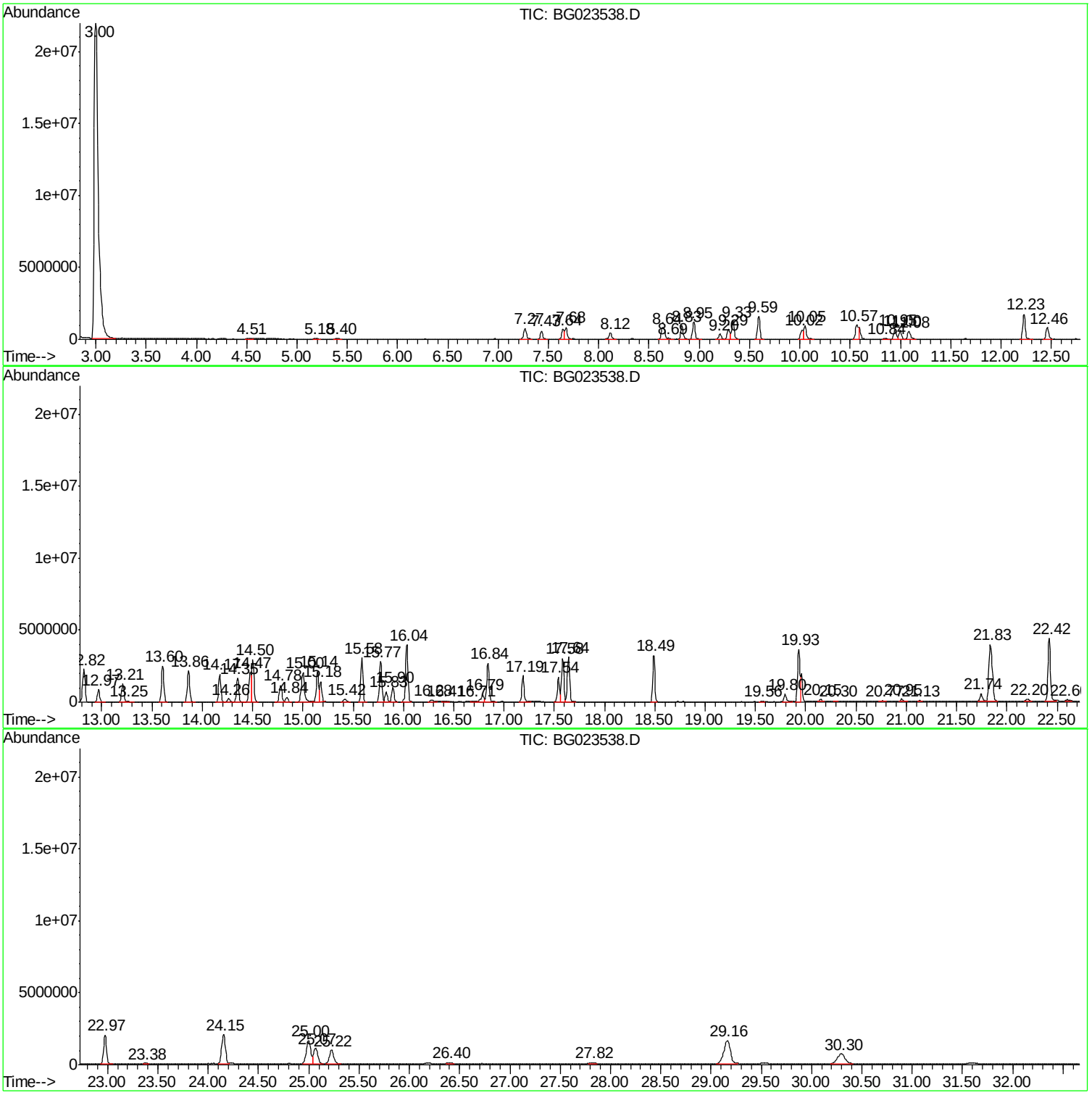
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023538.D
Acq On : 8 Aug 2016 17:33
Operator : UM/SJ
Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023538.D
Acq On : 8 Aug 2016 17:33
Operator : UM/SJ
Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

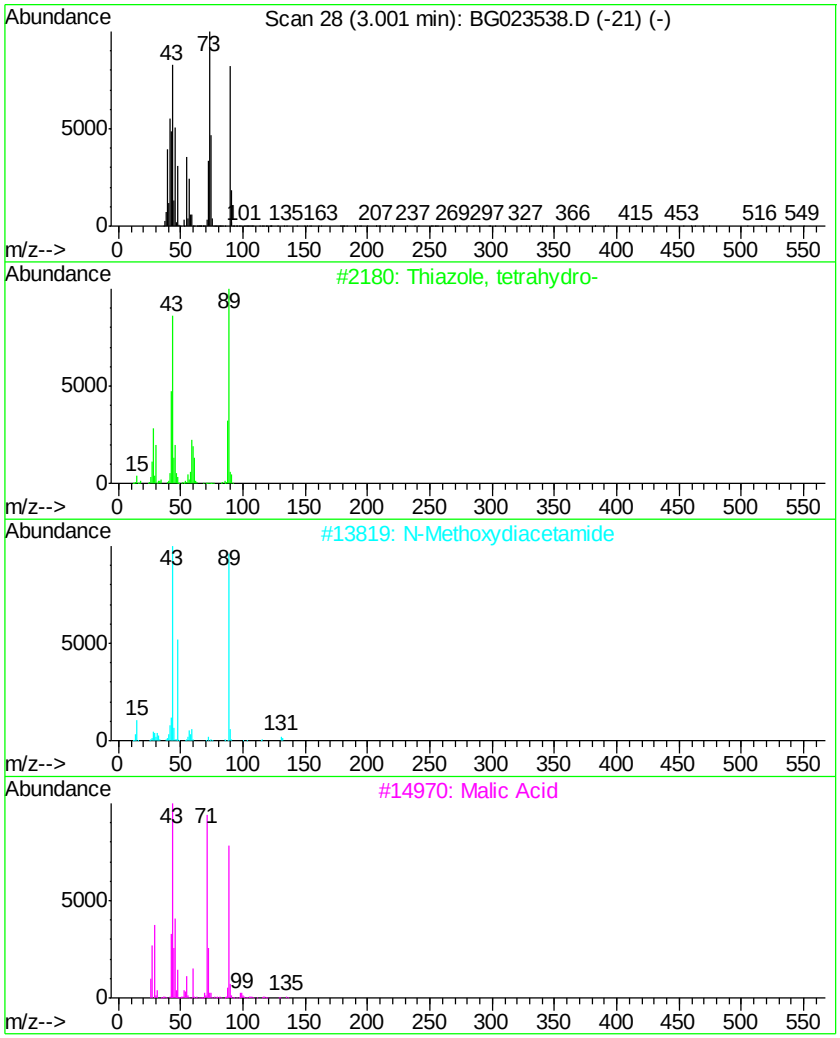
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

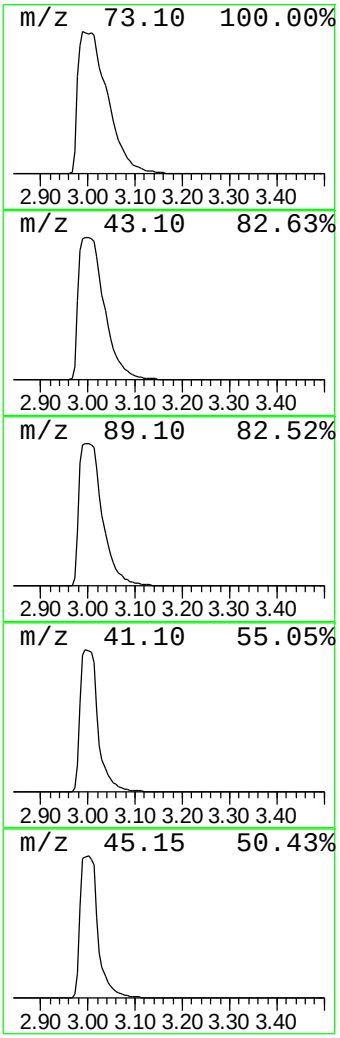
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	1684.40 ng/ul	65029700	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	40
2	N-Methoxydiacetamide	131	C5H9NO3	128459-09-6	40
3	Malic Acid	134	C4H6O5	006915-15-7	38
4	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	38
5	1-Butanamine, N-methyl-N-nitro-	132	C5H12N2O2	052330-07-1	33





Library Search Compound Report

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Data File : BG023538.D
Acq On : 8 Aug 2016 17:33
Operator : UM/SJ
Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

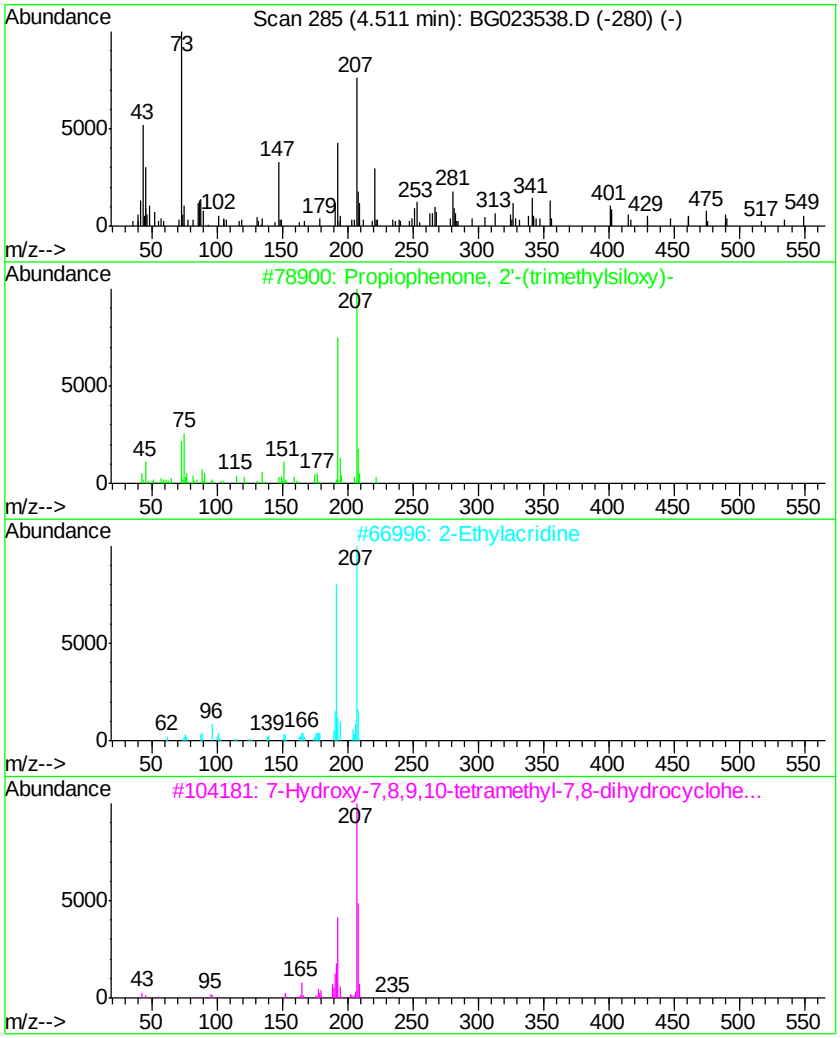
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

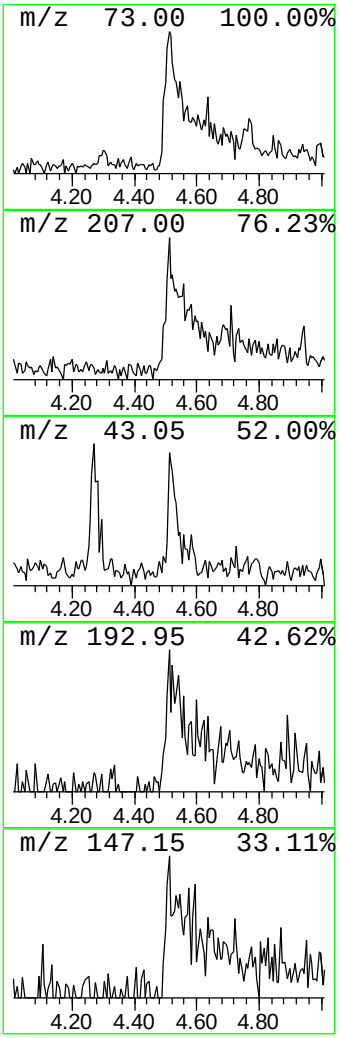
****

Peak Number 2 Propiophenone, 2'-(trimethy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.51	4.12 ng/ul	159144	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propiophenone, 2'-(trimethylsilo...	222	C12H18O2Si	033342-87-9	53
2	2-Ethylacridine	207	C15H13N	055751-83-2	43
3	7-Hydroxy-7,8,9,10-tetramethyl-7...	252	C18H20O	1000110-34-9	42
4	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	38
5	Tris(tert-butyldimethylsilyloxy)...	468	C18H45AsO3Si3	1000366-57-5	35





Library Search Compound Report

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Operator : UM/SJ
Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

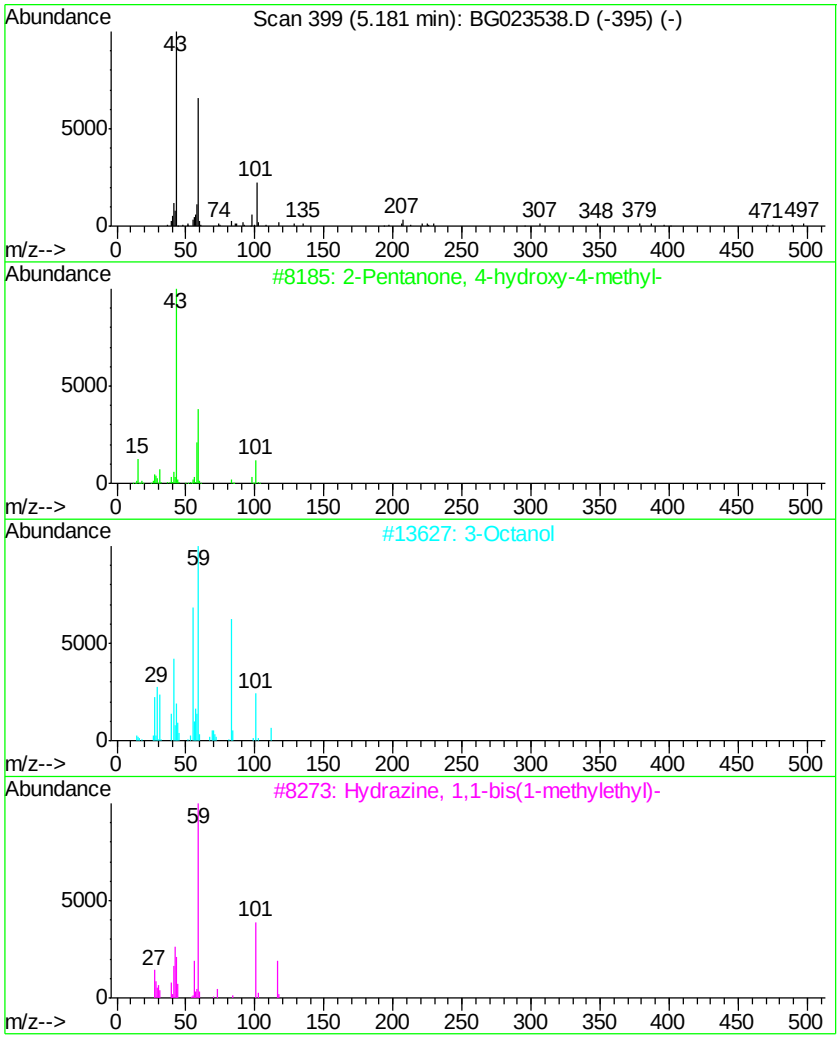
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

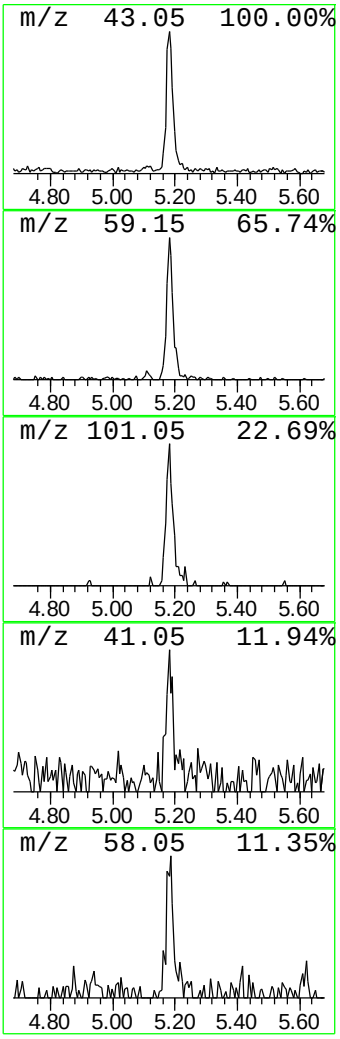
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	2.44 ng/ul	94347	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Octanol	130	C8H18O	000589-98-0	38
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
4	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	37
5	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	36





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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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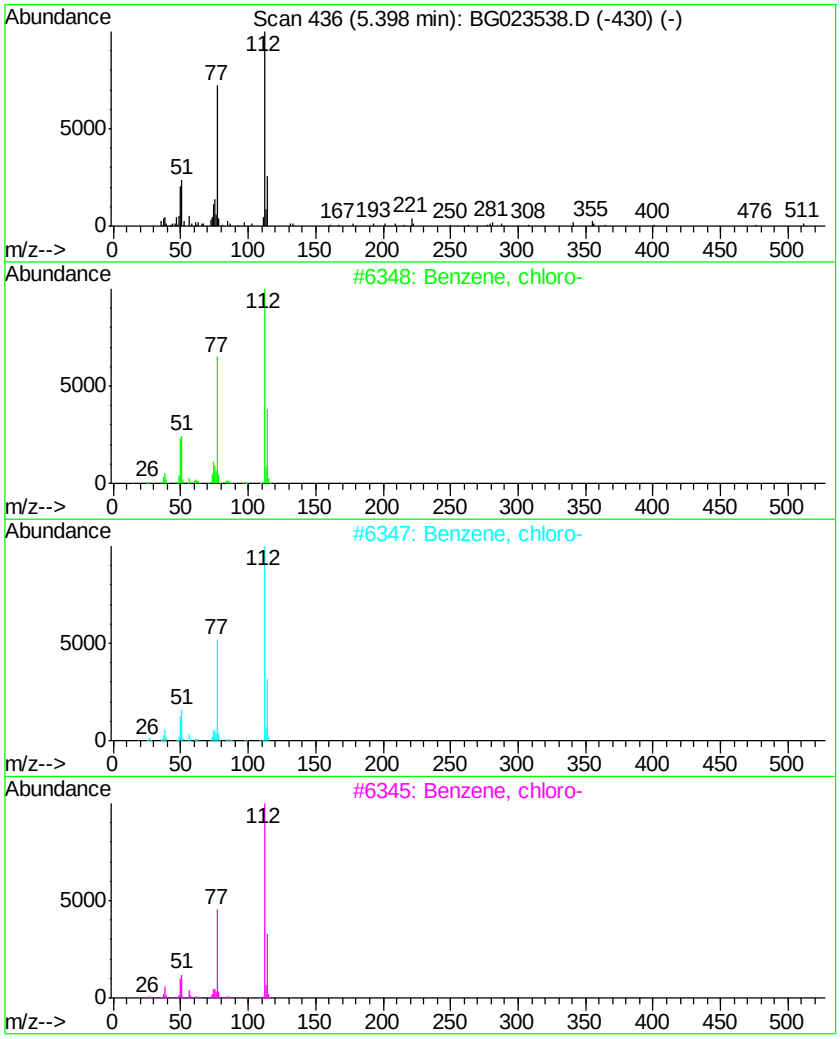
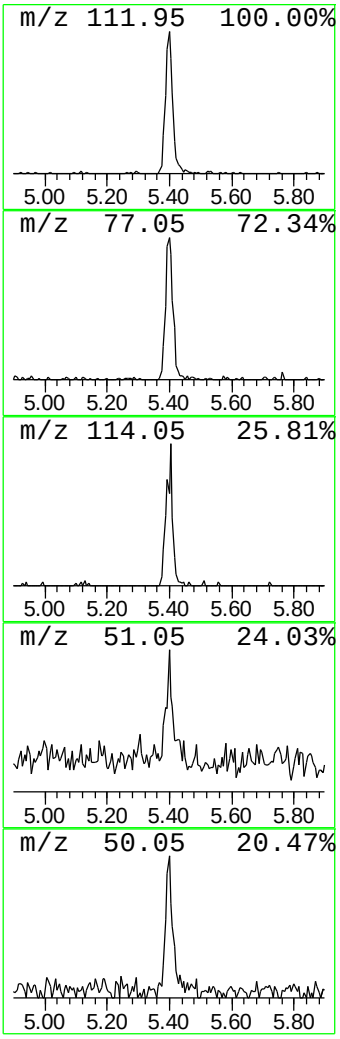
Peak Number 4 Benzene, chloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	3.24 ng/ul	125173	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	93
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	90
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	74
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	74
5	2-Chloro-3-nitropyridine	158	C5H3ClN2O2	005470-18-8	33





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Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

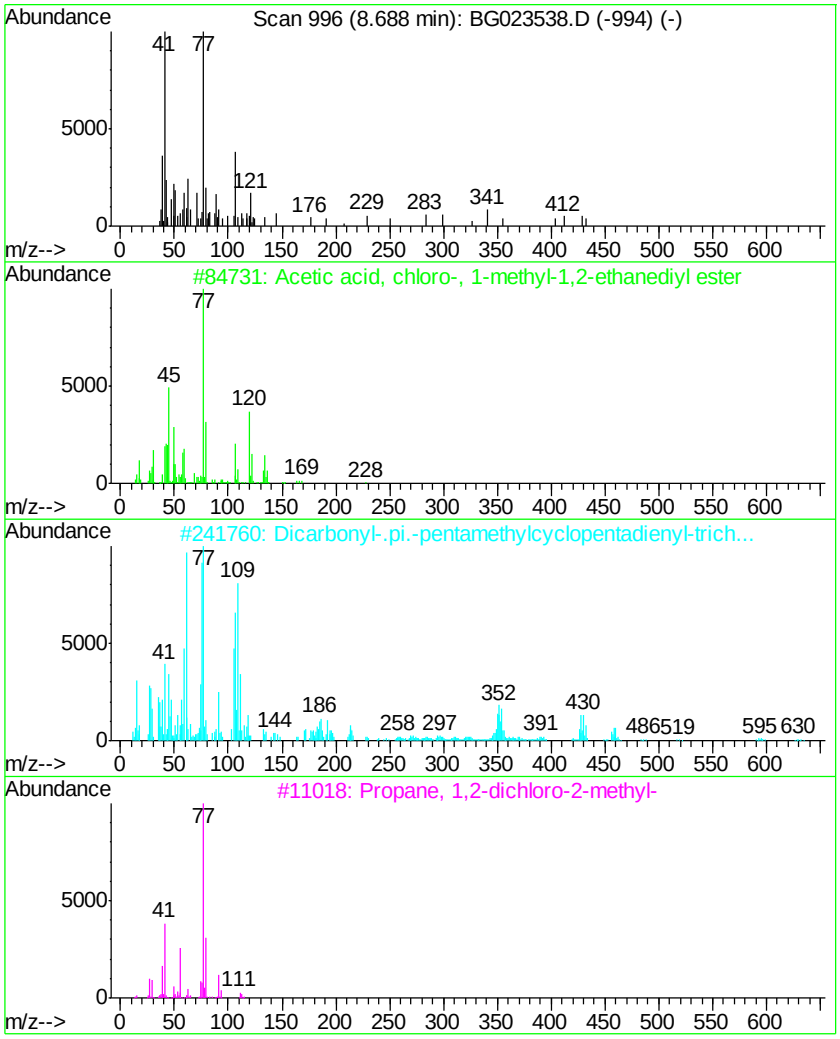
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

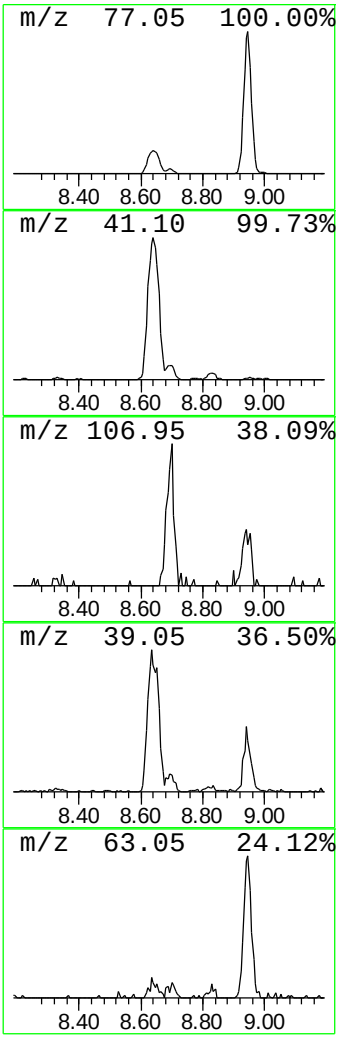
****

Peak Number 5 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	3.93 ng/ul	151794	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, chloro-, 1-methyl-1...	228	C7H10Cl2O4	042831-64-1	42
2	Dicarbonyl-.pi.-pentamethylcyclo...	630	C15H24Cl3GeO2PW	1000287-97-5	23
3	Propane, 1,2-dichloro-2-methyl-	126	C4H8Cl2	000594-37-6	22
4	Acetamide, 2-phenoxy-N-(4-benzoy...	346	C21H18N2O3	312755-44-5	22
5	Ethyl .beta.-benzamidostyryl(phe...	391	C23H22NO3P	1000222-82-4	16





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

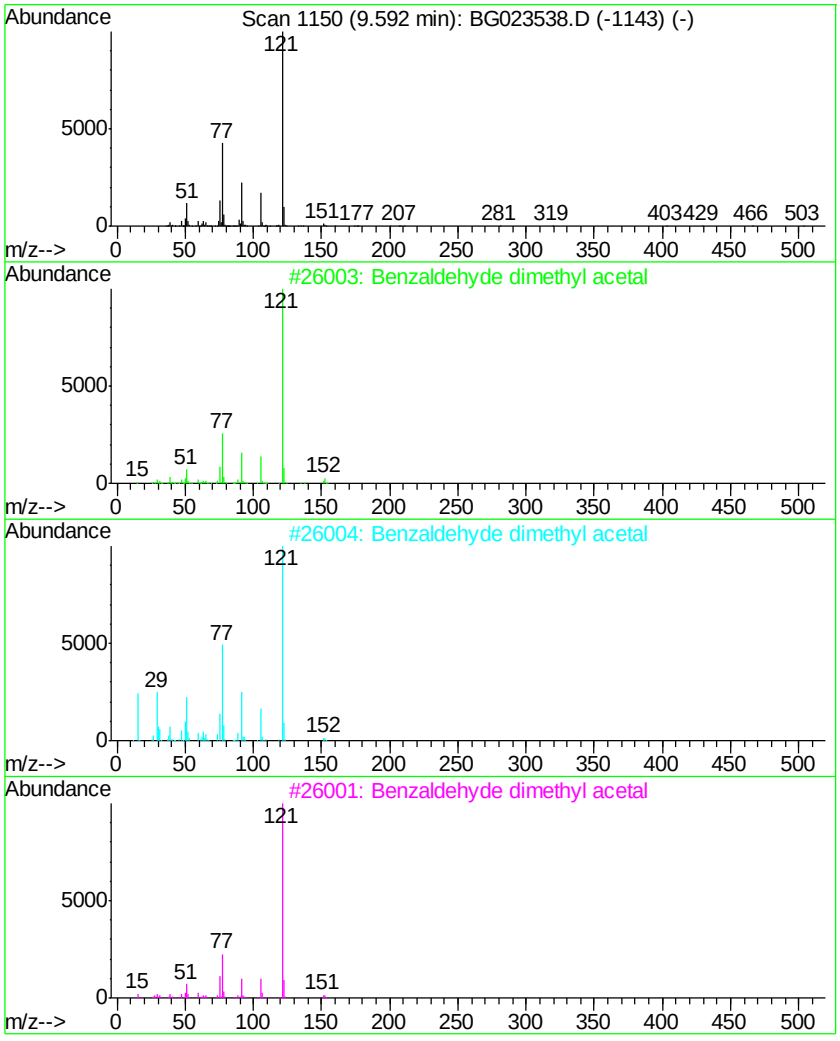
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

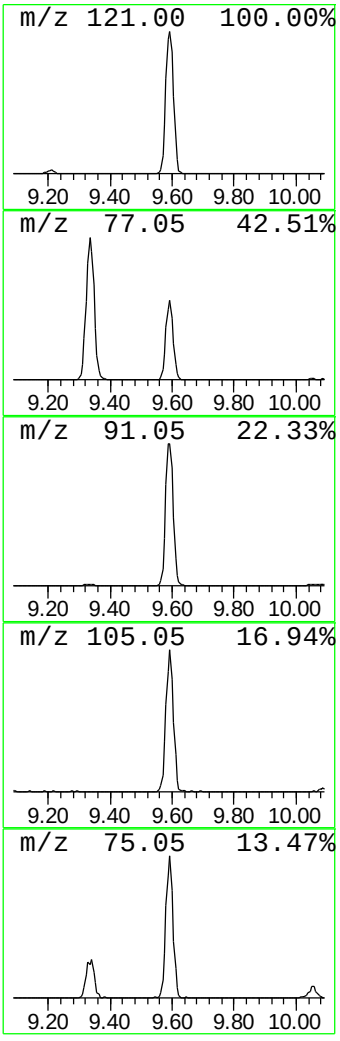
****

Peak Number 6 Benzaldehyde dimethyl acetal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	42.43 ng/ul	2643420	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	91
2	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	91
3	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	80
4	Benzoin methyl ether	226	C15H14O2	003524-62-7	78
5	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	78





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023538.D
Acq On : 8 Aug 2016 17:33
Operator : UM/SJ
Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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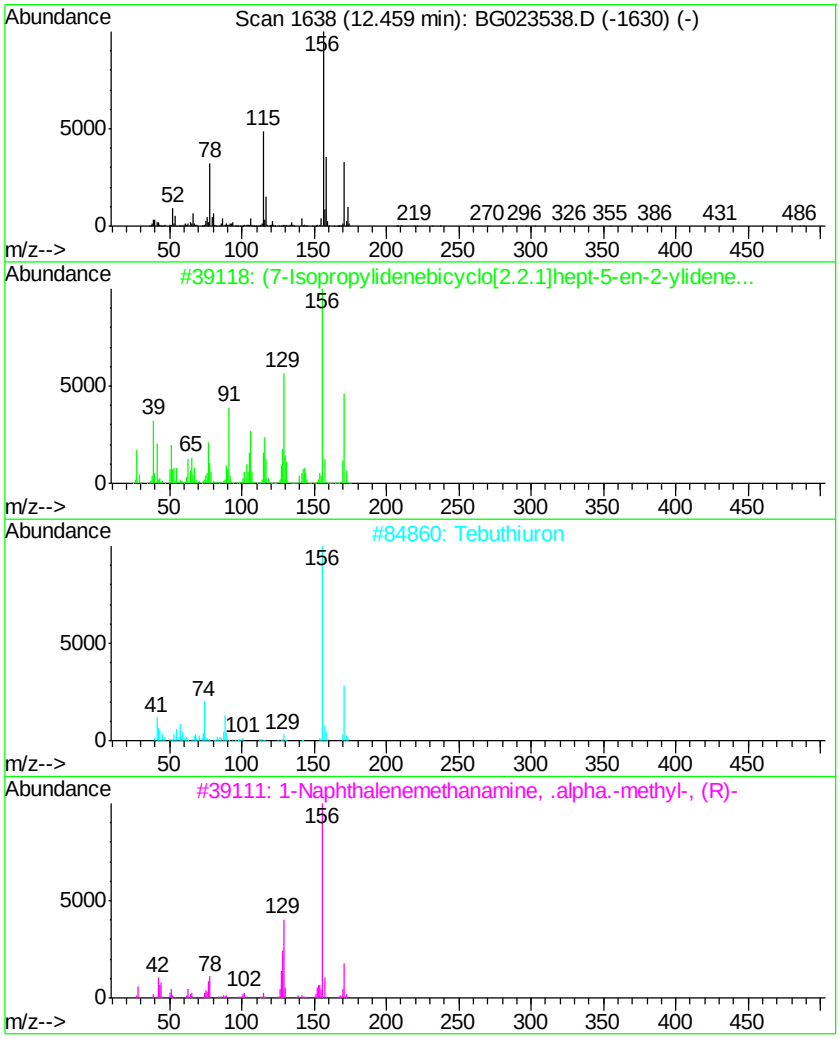
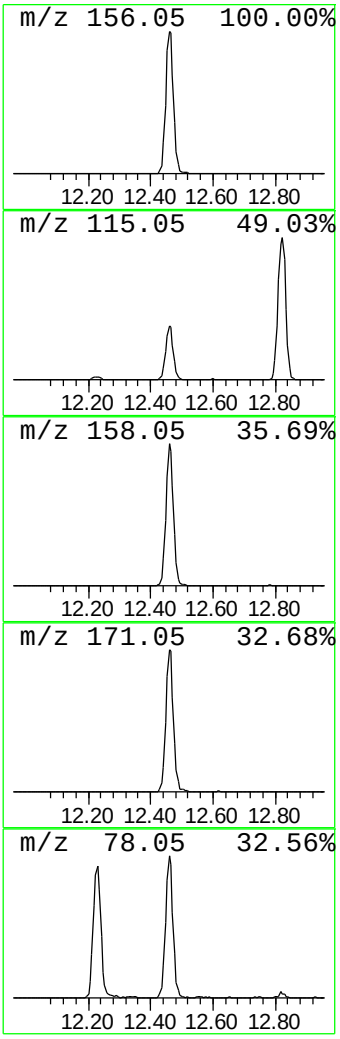
Peak Number 7 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	23.55 ng/ul	1467350	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(7-Isopropylidenebicyclo[2.2.1]h...	171	C12H13N	1000211-01-9	43
2	Tebuthiuron	228	C9H16N4OS	034014-18-1	37
3	1-Naphthalenemethanamine, .alpha...	171	C12H13N	003886-70-2	28
4	2-(2-Chloro-pyridin-3-yl)-propan...	171	C8H10ClNO	267003-35-0	25
5	Quinoline, 2,4-dimethyl-, 1-oxide	173	C11H11NO	014300-12-0	25





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Acq On : 8 Aug 2016 17:33
Operator : UM/SJ
Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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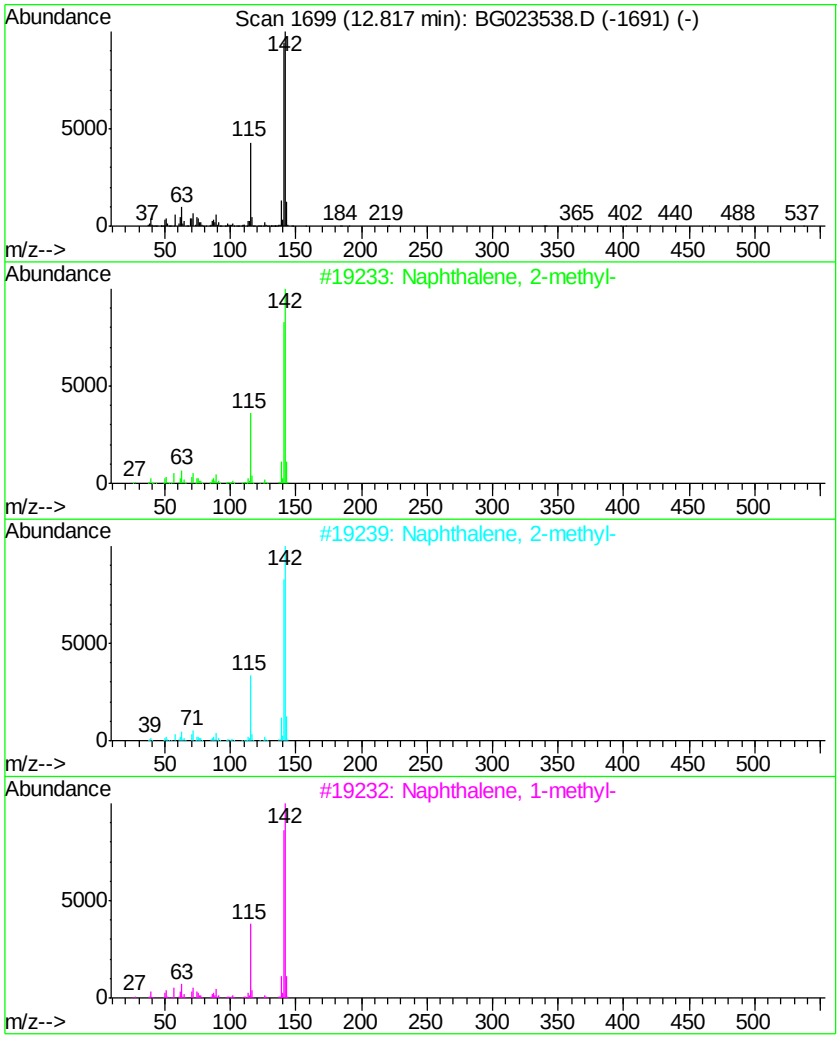
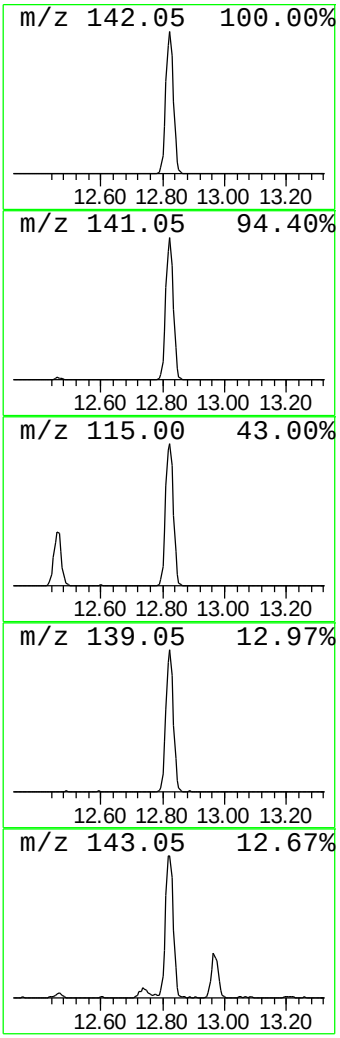
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	62.42 ng/ul	3889010	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





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Data File : BG023538.D
Acq On : 8 Aug 2016 17:33
Operator : UM/SJ
Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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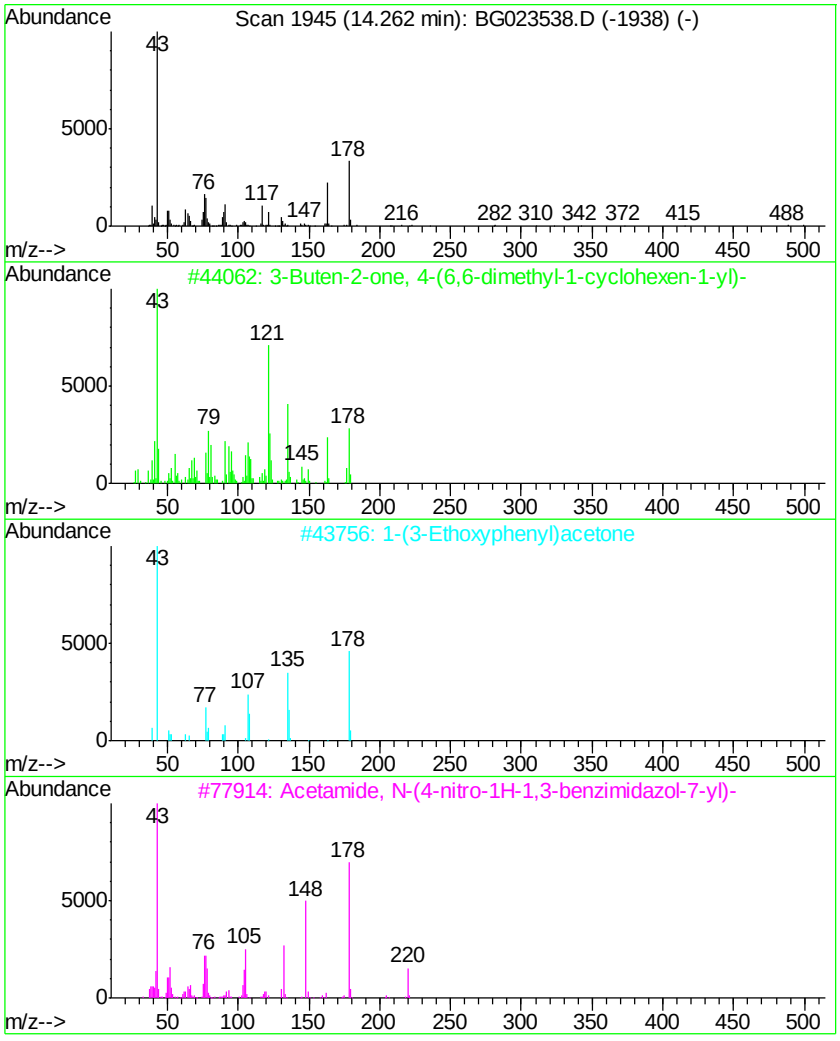
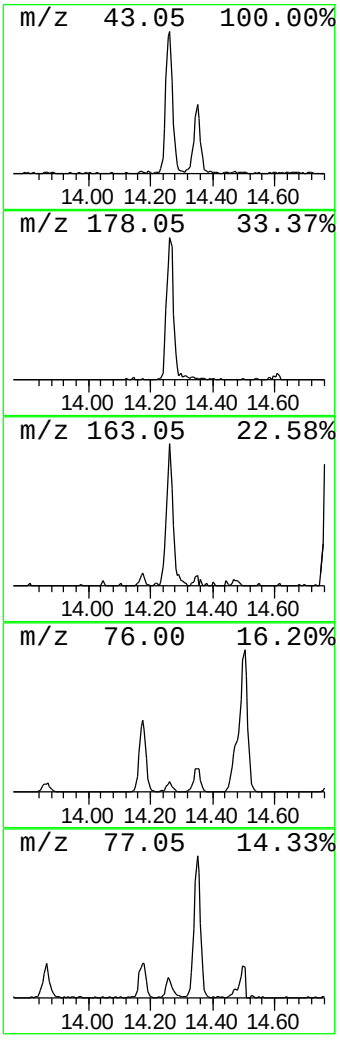
Peak Number 9 unknown-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	3.80 ng/ul	379134	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-(6,6-dimethyl-1...	178	C12H18O	065133-79-1	37
2	1-(3-Ethoxyphenyl)acetone	178	C11H14O2	023037-47-0	18
3	Acetamide, N-(4-nitro-1H-1,3-ben...	220	C9H8N4O3	1000338-02-9	13
4	Carbonodithioic acid, O,S-bis(1-...	178	C7H14OS2	019615-06-6	9
5	3-Carene, 4-acetyl-	178	C12H18O	1000156-14-1	9





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Data File : BG023538.D
Acq On : 8 Aug 2016 17:33
Operator : UM/SJ
Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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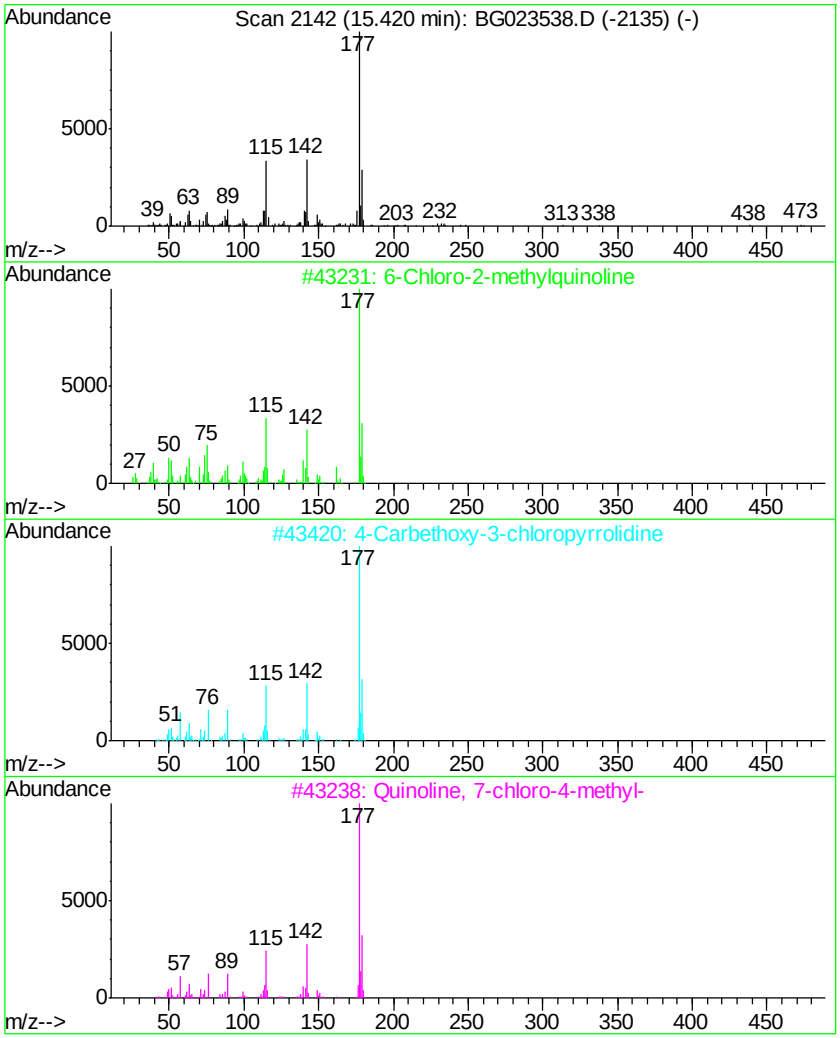
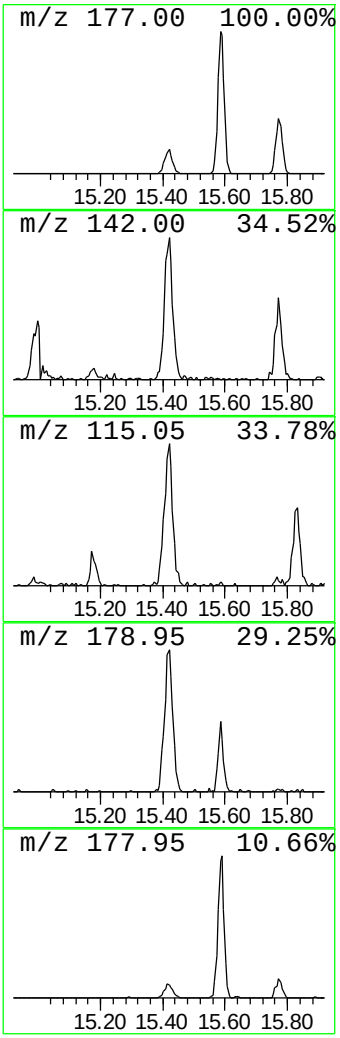
Peak Number 10 6-Chloro-2-methylquinoline Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	4.08 ng/ul	407239	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-2-methylquinoline	177	C10H8ClN	000092-46-6	93
2	4-Carbethoxy-3-chloropyrrolidine	177	C7H12ClNO2	1000255-97-9	93
3	Quinoline, 7-chloro-4-methyl-	177	C10H8ClN	040941-53-5	93
4	Quinoline, 2-chloro-4-methyl-	177	C10H8ClN	000634-47-9	80
5	6-Chloro-2-methylquinoline	177	C10H8ClN	000092-46-6	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023538.D
Acq On : 8 Aug 2016 17:33
Operator : UM/SJ
Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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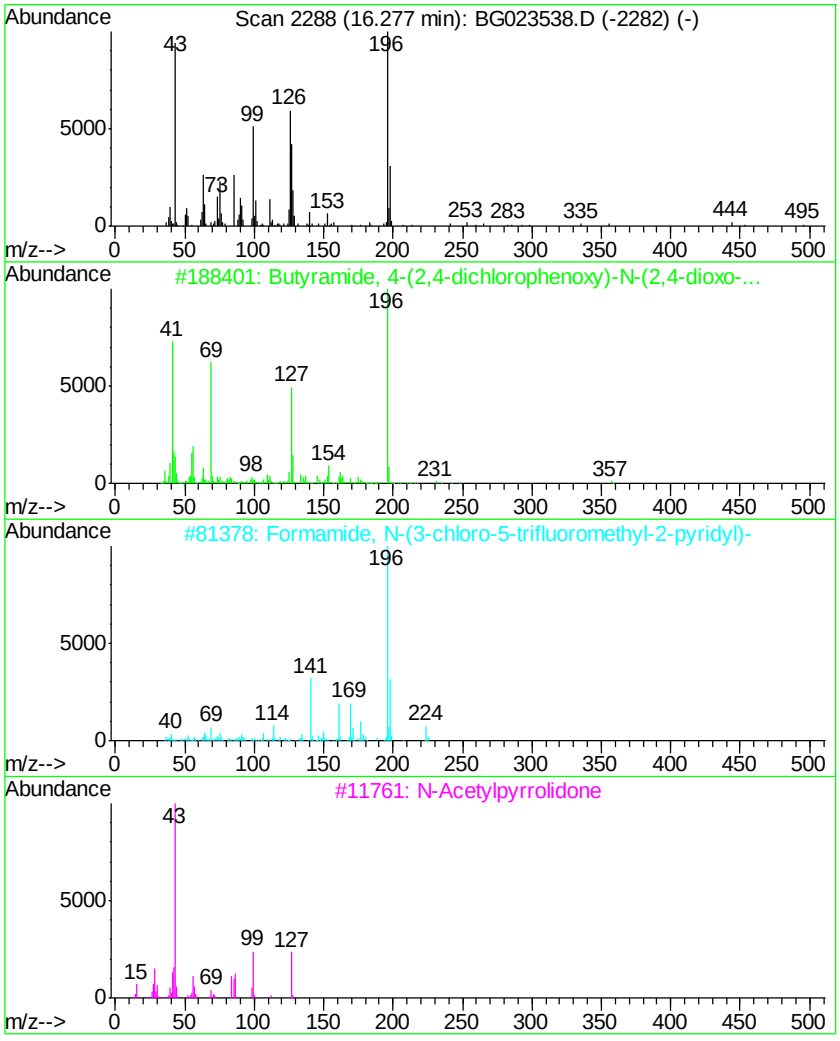
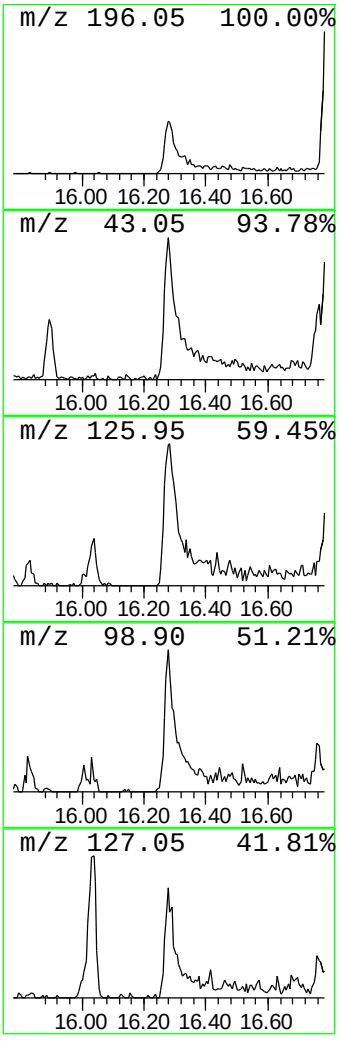
Peak Number 11 unknown-05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	2.86 ng/ul	373349	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyramide, 4-(2,4-dichloropheno...	357	C14H13Cl2N3O4	1000302-87-8	38
2	Formamide, N-(3-chloro-5-trifluo...	224	C7H4ClF3N2O	250261-40-6	22
3	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	22
4	2-Amino-3-chloro-5-trifluorometh...	196	C6H4ClF3N2	079456-26-1	22
5	7-Chloro-5-oxo-4,5-dihydrobenzof...	196	C6HClN4O2	330982-45-1	22





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Acq On : 8 Aug 2016 17:33
Operator : UM/SJ
Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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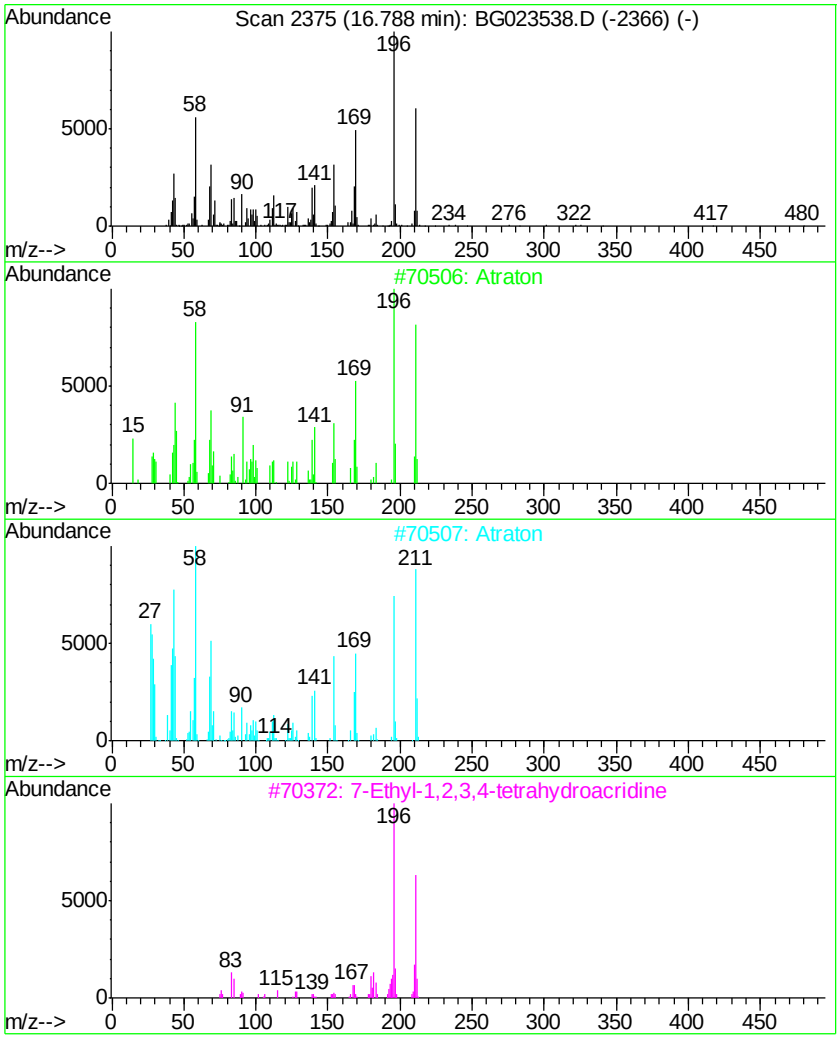
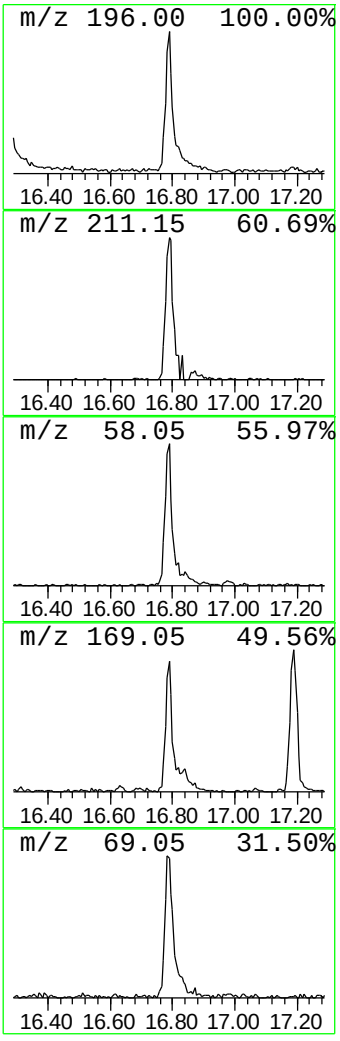
Peak Number 12 Atraton Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	7.39 ng/ul	964778	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Atraton	211	C9H17N5O	001610-17-9	83
2	Atraton	211	C9H17N5O	001610-17-9	62
3	7-Ethyl-1,2,3,4-tetrahydroacridine	211	C15H17N	055751-81-0	38
4	1-[2-(Methylthio)-5-nitrophenyl]...	211	C9H9NO3S	1000266-40-0	30
5	Secbumeton	225	C10H19N5O	026259-45-0	27





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Operator : UM/SJ
Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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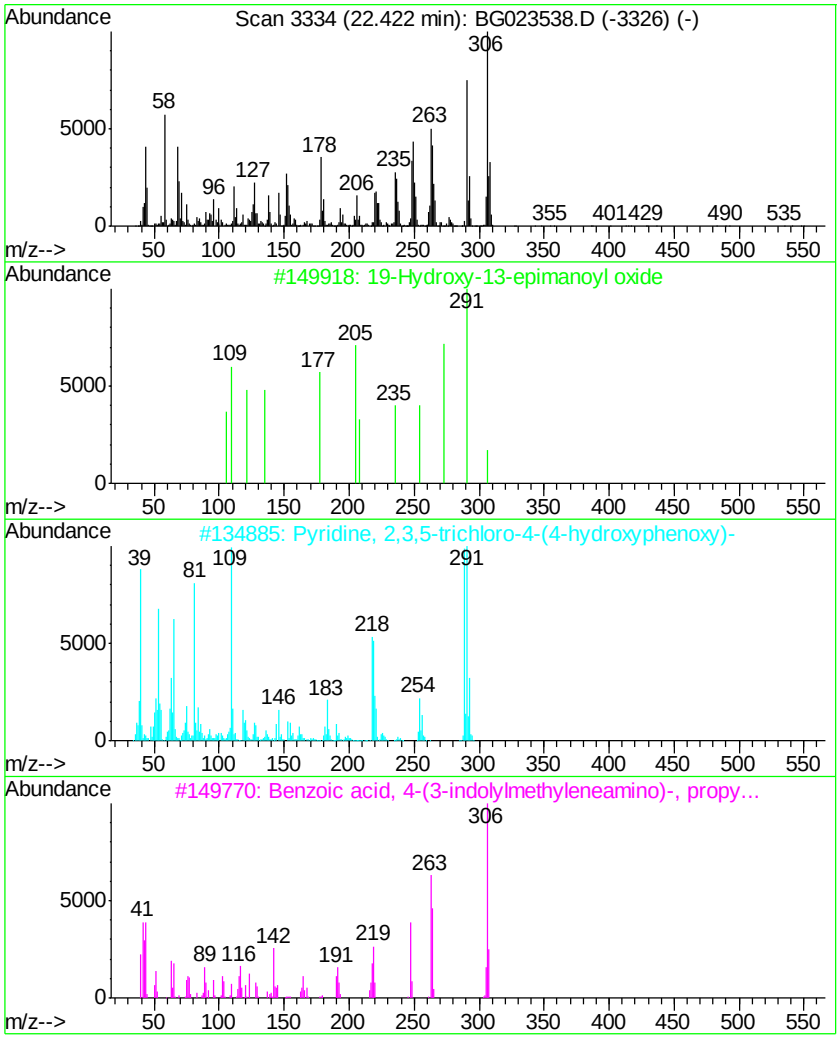
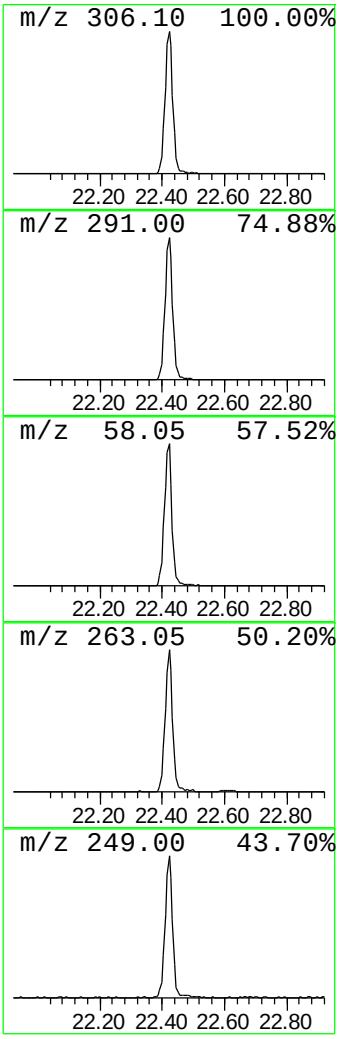
Peak Number 13 19-Hydroxy-13-epimanoyl oxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	16.19 ng/ul	7406840	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	19-Hydroxy-13-epimanoyl oxide	306	C20H34O2	077096-88-9	80
2	Pyridine, 2,3,5-trichloro-4-(4-h...	289	C11H6Cl3NO2	1000260-24-1	56
3	Benzoic acid, 4-(3-indolylmethyl...	306	C19H18N2O2	304669-02-1	41
4	2-Dimethylamino-3-methyl(phenyl)...	306	C19H18N2O2	134614-10-1	41
5	Pyrido[2,3-b]quinolin-5-one, 7-c...	306	C18H11ClN2O	069750-07-8	35





Tentatively Identified Compound (LSC) summary

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Data File : BG023538.D
Acq On : 8 Aug 2016 17:33
Operator : UM/SJ
Sample : H4338-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.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	3.00	1684.4	ng/ul	65029700	1	8.12	772140	20.0
Propiophenone, 2'...	4.51	4.1	ng/ul	159144	1	8.12	772140	20.0
2-Pentanone, 4-hy...	5.18	2.4	ng/ul	94347	1	8.12	772140	20.0
Benzene, chloro-	5.40	3.2	ng/ul	125173	1	8.12	772140	20.0
unknown-02	8.69	3.9	ng/ul	151794	1	8.12	772140	20.0
Benzaldehyde dime...	9.59	42.4	ng/ul	2643420	2	10.95	1246130	20.0
unknown-03	12.46	23.6	ng/ul	1467350	2	10.95	1246130	20.0
Naphthalene, 1-me...	12.82	62.4	ng/ul	3889010	2	10.95	1246130	20.0
unknown-04	14.26	3.8	ng/ul	379134	3	14.78	1995190	20.0
6-Chloro-2-methyl...	15.42	4.1	ng/ul	407239	3	14.78	1995190	20.0
unknown-05	16.28	2.9	ng/ul	373349	4	17.54	2611630	20.0
Atraton	16.79	7.4	ng/ul	964778	4	17.54	2611630	20.0
19-Hydroxy-13-epi...	22.42	16.2	ng/ul	7406840	5	21.85	9148110	20.0