LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020913.D
Acq On : 12 Jun 2019 20:55
Operator : HP/JU
Sample : K3215-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J1

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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	3.040	5	9	20	rVB	953124	1222389	6.17%	0.949%
2	3.269	43	48	59	rBV	962516	1382187	6.98%	1.073%
3	4.281	216	220	228	rVB	122178	159706	0.81%	0.124%
4	4.546	259	265	278	rVB	1643588	2420227	12.22%	1.878%
5	5.140	360	366	376	rVB	1015286	1480365	7.48%	1.149%
6	5.822	477	482	488	rBV	82845	119229	0.60%	0.093%
7	6.298	558	563	568	rVB	193179	287790	1.45%	0.223%
8	6.781	639	645	651	rBV	175925	273118	1.38%	0.212%
9	6.893	659	664	669	rBV	67035	100581	0.51%	0.078%
10	6.969	669	677	683	rVV2	400352	722136	3.65%	0.560%
11	7.022	683	686	691	rVB	63797	88941	0.45%	0.069%
12	7.140	700	706	711	rBV	1154689	1813630	9.16%	1.407%
13	7.187	711	714	718	rVV	189298	315662	1.59%	0.245%
14	7.228	718	721	728	rVV	178836	259946	1.31%	0.202%
15	7.334	730	739	749	rVV	1348590	2217067	11.20%	1.721%
16	7.445	753	758	765	rVB	159678	244758	1.24%	0.190%
17	7.698	798	801	809	rVB4	59303	113049	0.57%	0.088%
18	7.804	809	819	823	rBV	1203690	1970215	9.95%	1.529%
19	7.840	823	825	832	rVV2	300610	425408	2.15%	0.330%
20	7.910	832	837	843	rVV2	107774	194734	0.98%	0.151%
21	8.040	849	859	866	rBV	696805	1123900	5.68%	0.872%
22	8.163	872	880	886	rVV2	346122	822019	4.15%	0.638%
23	8.234	886	892	898	rVV	598575	979516	4.95%	0.760%
24	8.281	898	900	905	rVB2	59212	83416	0.42%	0.065%
25	8.440	921	927	931	rVB4	79309	135368	0.68%	0.105%
26	8.504	931	938	947	rVB	1040365	1713797	8.66%	1.330%
27	8.604	947	955	964	rBV2	138701	262700	1.33%	0.204%
28	8.904	999	1006	1011	rBV3	379344	674072	3.40%	0.523%
29	8.963	1011	1016	1025	rVB	1414191	2389255	12.07%	1.854%
30	9.081	1030	1036	1040	rBV	125601	203086	1.03%	0.158%
31	9.245	1058	1064	1069	rVB6	71884	179263	0.91%	0.139%
32	9.392	1082	1089	1097	rVB2	101536	203345	1.03%	0.158%
33	9.528	1108	1112	1122	rBV2	144783	322813	1.63%	0.251%
34	9.681	1128	1138	1145	rBV2	1269635	2354929	11.90%	1.827%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020913.D
Acq On : 12 Jun 2019 20:55
Operator : HP/JU
Sample : K3215-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J1

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Title : SVOA CALIBRATION

35	9.745	1145	1149	1154	rVB	97866	152816	0.77%	0.119%
36	9.892	1170	1174	1178	rVB	63214	97039	0.49%	0.075%
37	9.998	1187	1192	1194	rBV2	64011	112256	0.57%	0.087%
38	10.128	1203	1214	1220	rBV8	114765	321766	1.63%	0.250%
39	10.216	1220	1229	1235	rVV	1949124	3364790	17.00%	2.611%
40	10.281	1235	1240	1249	rVB2	474055	1031241	5.21%	0.800%
41	10.463	1265	1271	1278	rBV4	207680	521462	2.63%	0.405%
42	10.522	1278	1281	1286	rVB	69421	101988	0.52%	0.079%
43	10.592	1286	1293	1299	rBV	1508810	2584457	13.05%	2.006%
44	10.645	1299	1302	1308	rVB	109751	168214	0.85%	0.131%
45	10.728	1308	1316	1319	rBV8	45350	119283	0.60%	0.093%
46	10.828	1326	1333	1336	rBV	226074	377180	1.91%	0.293%
47	10.863	1336	1339	1347	rVV3	241777	460327	2.33%	0.357%
48	10.939	1347	1352	1366	rVV4	113431	426689	2.16%	0.331%
49	11.057	1366	1372	1381	rVV	111166	202077	1.02%	0.157%
50	11.498	1441	1447	1452	rVV2	510094	859726	4.34%	0.667%
51	11.539	1452	1454	1461	rVV3	69674	104997	0.53%	0.081%
52	11.710	1475	1483	1485	rBV2	82517	147156	0.74%	0.114%
53	11.745	1485	1489	1497	rVB4	67053	127998	0.65%	0.099%
54	12.004	1528	1533	1538	rVB3	70409	123519	0.62%	0.096%
55	12.133	1546	1555	1560	rBV5	86357	214623	1.08%	0.167%
56	12.422	1598	1604	1610	rBV3	122341	203989	1.03%	0.158%
57	12.569	1624	1629	1633	rBV	99894	144210	0.73%	0.112%
58	12.710	1646	1653	1658	rBV3	80548	157972	0.80%	0.123%
59	12.769	1659	1663	1669	rVB8	48366	92877	0.47%	0.072%
60	12.869	1670	1680	1686	rBV	350704	611073	3.09%	0.474%
61	12.939	1686	1692	1701	rVV2	454888	769595	3.89%	0.597%
62	13.145	1722	1727	1731	rBV2	277527	447357	2.26%	0.347%
63	13.180	1731	1733	1741	rVV2	123205	180643	0.91%	0.140%
64	13.251	1741	1745	1753	rVB3	83606	166553	0.84%	0.129%
65	13.392	1764	1769	1774	rVV3	52709	112092	0.57%	0.087%
66	13.457	1774	1780	1790	rVB3	181600	406450	2.05%	0.315%
67	13.857	1842	1848	1859	rVB	3205371	4462592	22.54%	3.463%
68	14.051	1877	1881	1886	rBV3	93040	137174	0.69%	0.106%
69	14.133	1889	1895	1904	rBV	3672794	5525888	27.91%	4.288%
70	14.445	1939	1948	1954	rVB2	2214772	3436649	17.36%	2.667%
71	14.645	1974	1982	1990	rBV2	321655	620871	3.14%	0.482%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020913.D
Acq On : 12 Jun 2019 20:55
Operator : HP/JU
Sample : K3215-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J1

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Title : SVOA CALIBRATION

72	14.751	1993	2000	2007	rBV3	98686	238784	1.21%	0.185%
73	14.904	2021	2026	2031	rVB3	57294	94077	0.48%	0.073%
74	14.969	2031	2037	2043	rBV2	317969	700954	3.54%	0.544%
75	15.027	2043	2047	2050	rVV	574208	826206	4.17%	0.641%
76	15.069	2050	2054	2059	rVB	1099122	1546303	7.81%	1.200%
77	15.233	2078	2082	2089	rVB	106289	168608	0.85%	0.131%
78	15.298	2089	2093	2105	rVB6	61747	115064	0.58%	0.089%
79	15.392	2105	2109	2111	rBV2	65607	96976	0.49%	0.075%
80	15.439	2111	2117	2125	rVB	4646904	6751008	34.10%	5.239%
81	15.568	2132	2139	2145	rVV3	2326173	3828410	19.34%	2.971%
82	15.627	2146	2149	2154	rVV	125897	168129	0.85%	0.130%
83	15.692	2154	2160	2167	rVB3	103412	254484	1.29%	0.197%
84	15.768	2168	2173	2177	rBV5	57467	95262	0.48%	0.074%
85	16.263	2252	2257	2263	rVB	583173	768073	3.88%	0.596%
86	16.410	2275	2282	2290	rVB	240423	371300	1.88%	0.288%
87	16.839	2348	2355	2368	rVV	13866754	19797569	100.00%	15.363%
88	16.945	2368	2373	2380	rVB4	220032	382818	1.93%	0.297%
89	17.192	2408	2415	2422	rVB2	2670059	3798340	19.19%	2.948%
90	17.286	2425	2431	2437	rVV2	4791208	6792745	34.31%	5.271%
91	17.345	2437	2441	2449	rVB	449732	602709	3.04%	0.468%
92	17.504	2465	2468	2471	rBV2	63578	86414	0.44%	0.067%
93	17.545	2471	2475	2486	rVB	277904	484673	2.45%	0.376%
94	18.074	2561	2565	2574	rBV	130733	210578	1.06%	0.163%
95	19.215	2755	2759	2765	rBV	65453	95203	0.48%	0.074%
96	19.356	2779	2783	2793	rBV2	96582	156335	0.79%	0.121%
97	19.580	2815	2821	2828	rBV	5540198	7533040	38.05%	5.846%
98	21.368	3120	3125	3130	rBV	3118119	4021418	20.31%	3.121%
99	23.503	3481	3488	3498	rVB	4391528	8251268	41.68%	6.403%
100	23.650	3506	3513	3524	rVB	2155039	4270354	21.57%	3.314%

Sum of corrected areas: 128861308

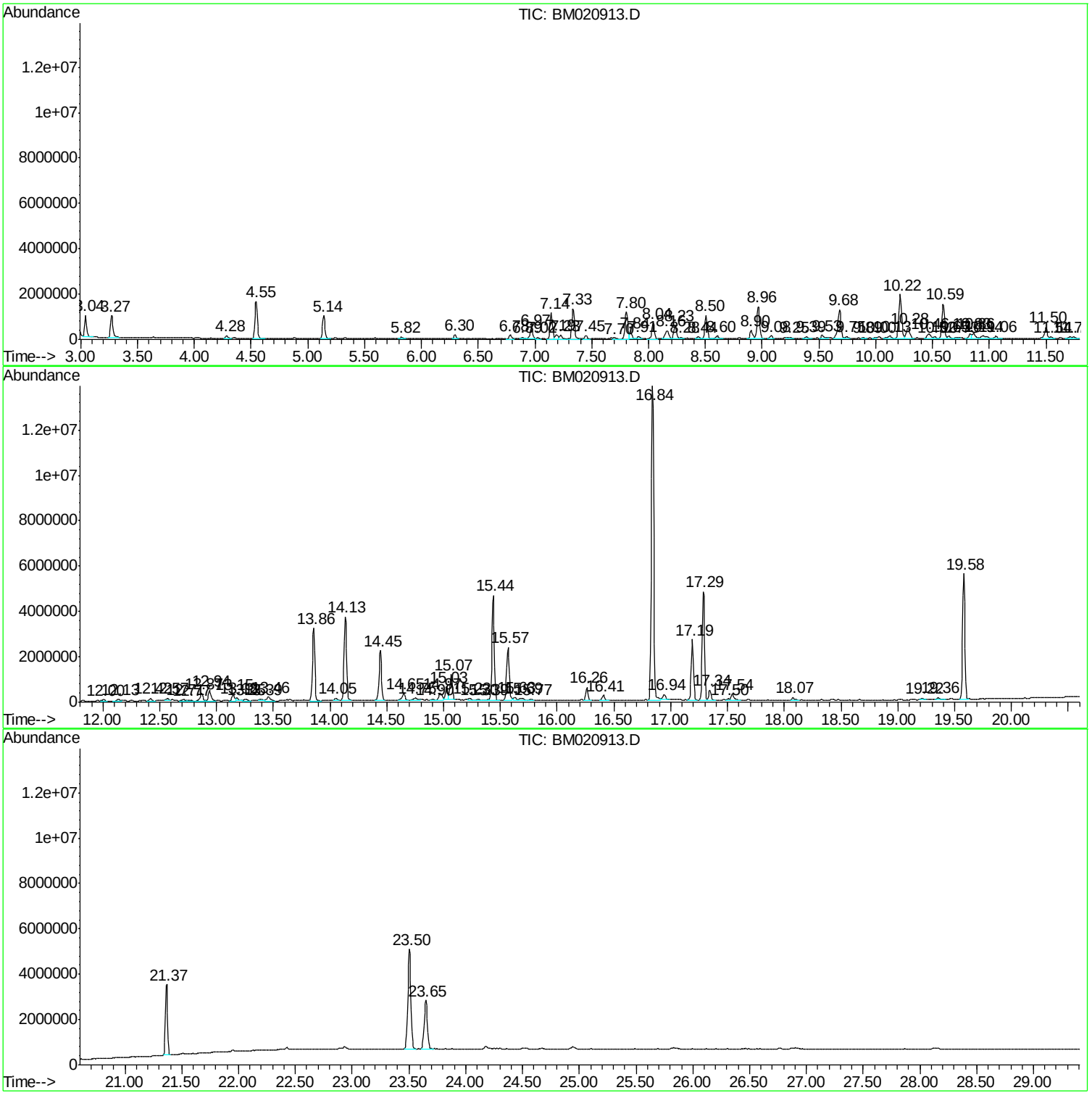
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020913.D
Acq On : 12 Jun 2019 20:55
Operator : HP/JU
Sample : K3215-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020913.D
Acq On : 12 Jun 2019 20:55
Operator : HP/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

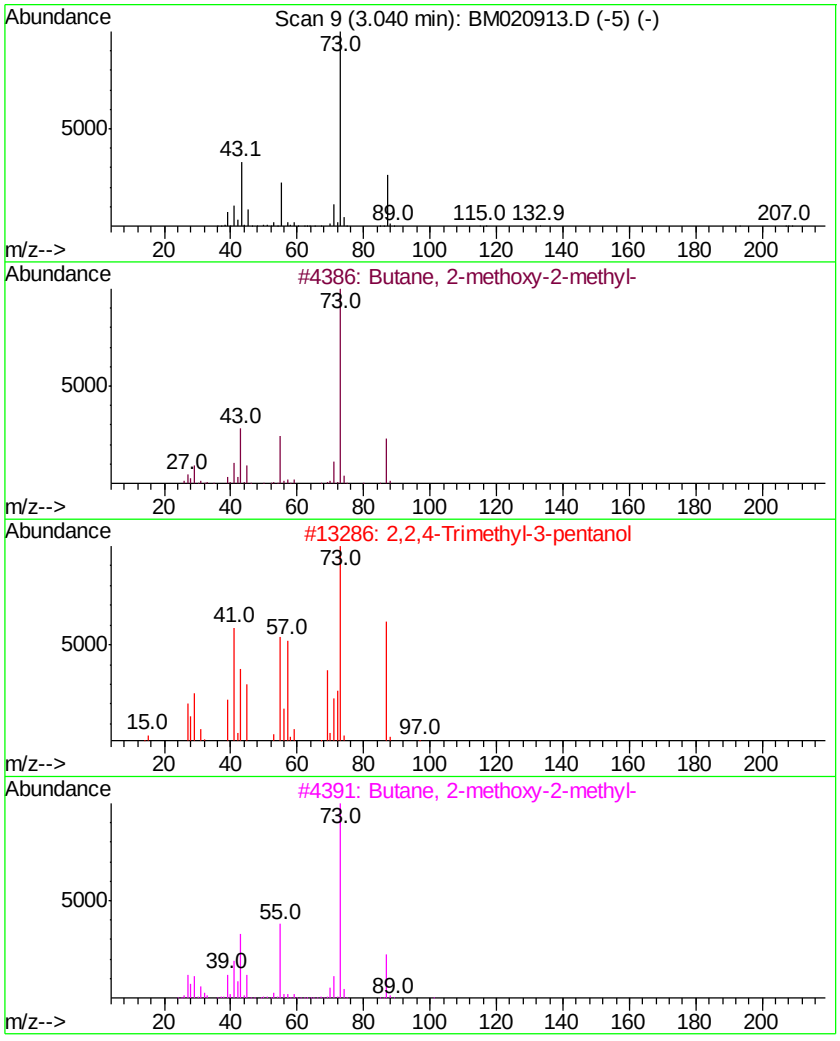
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

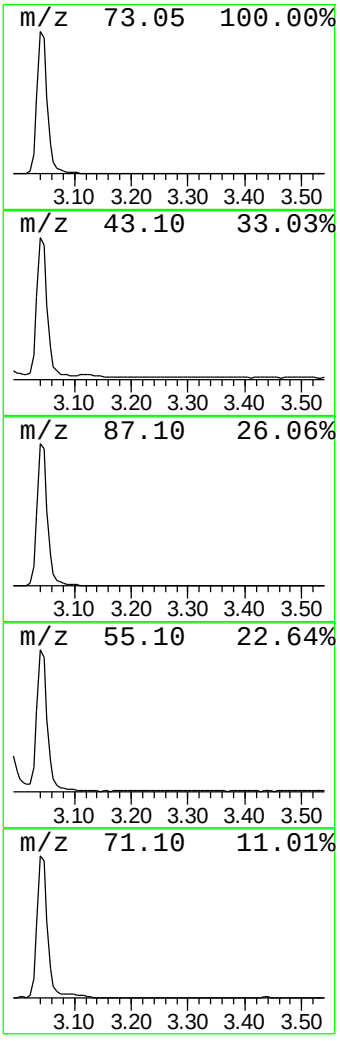
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	12.41 ng/ul	1222390	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020913.D
Acq On : 12 Jun 2019 20:55
Operator : HP/JU
Sample : K3215-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

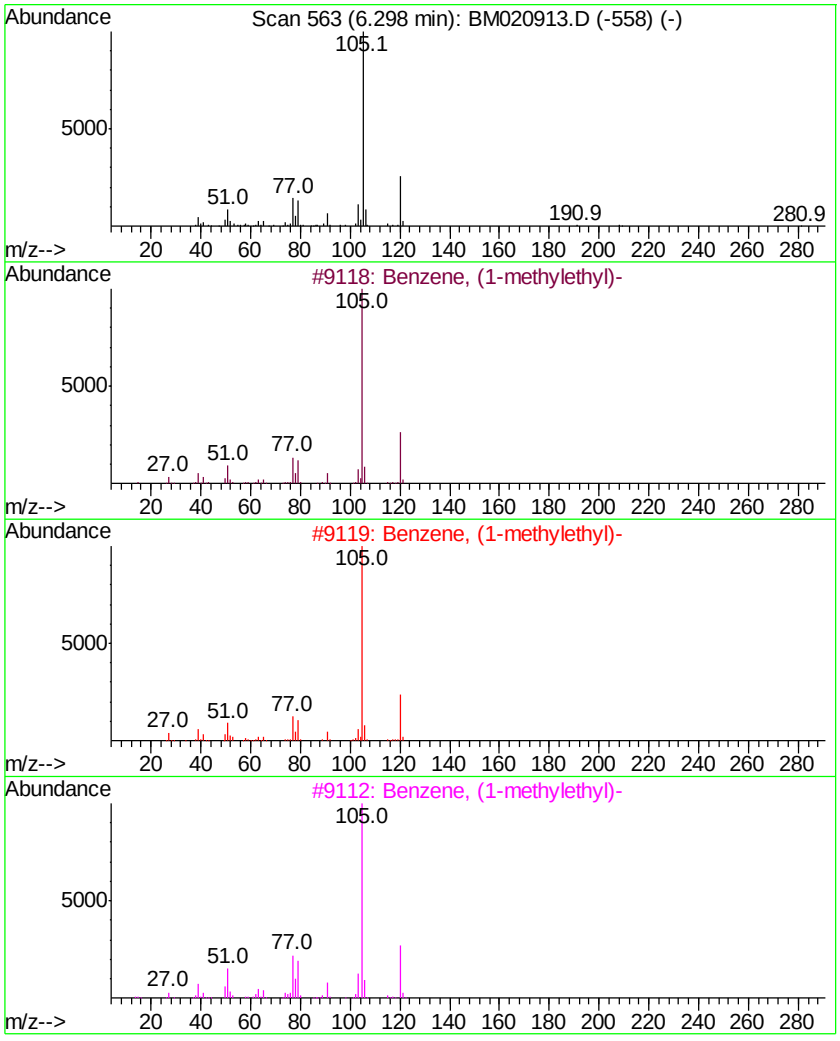
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

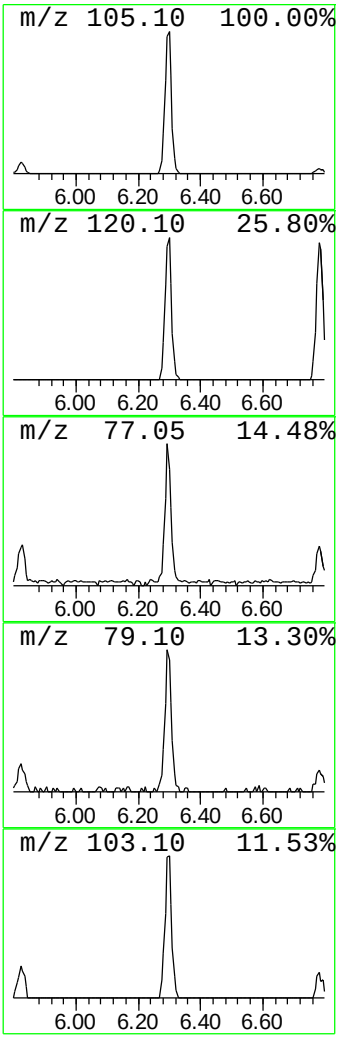
****

Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	2.92 ng/ul	287790	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	93
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020913.D
Acq On : 12 Jun 2019 20:55
Operator : HP/JU
Sample : K3215-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

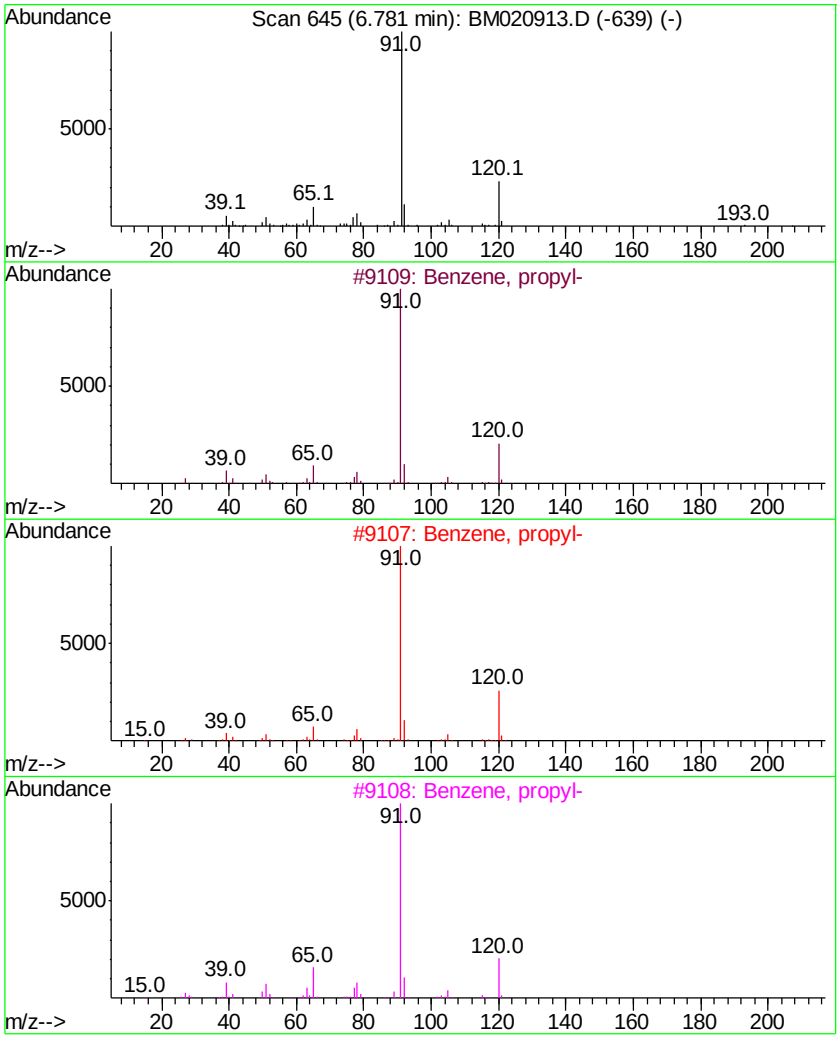
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

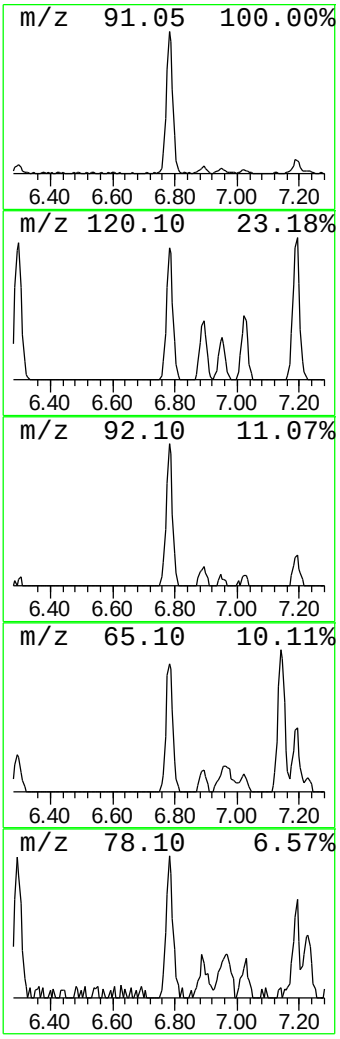
****

Peak Number 5 Benzene, propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	2.77 ng/ul	273118	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72
5	n-Butylbenzylamine	163	C11H17N	002403-22-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020913.D
Acq On : 12 Jun 2019 20:55
Operator : HP/JU
Sample : K3215-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

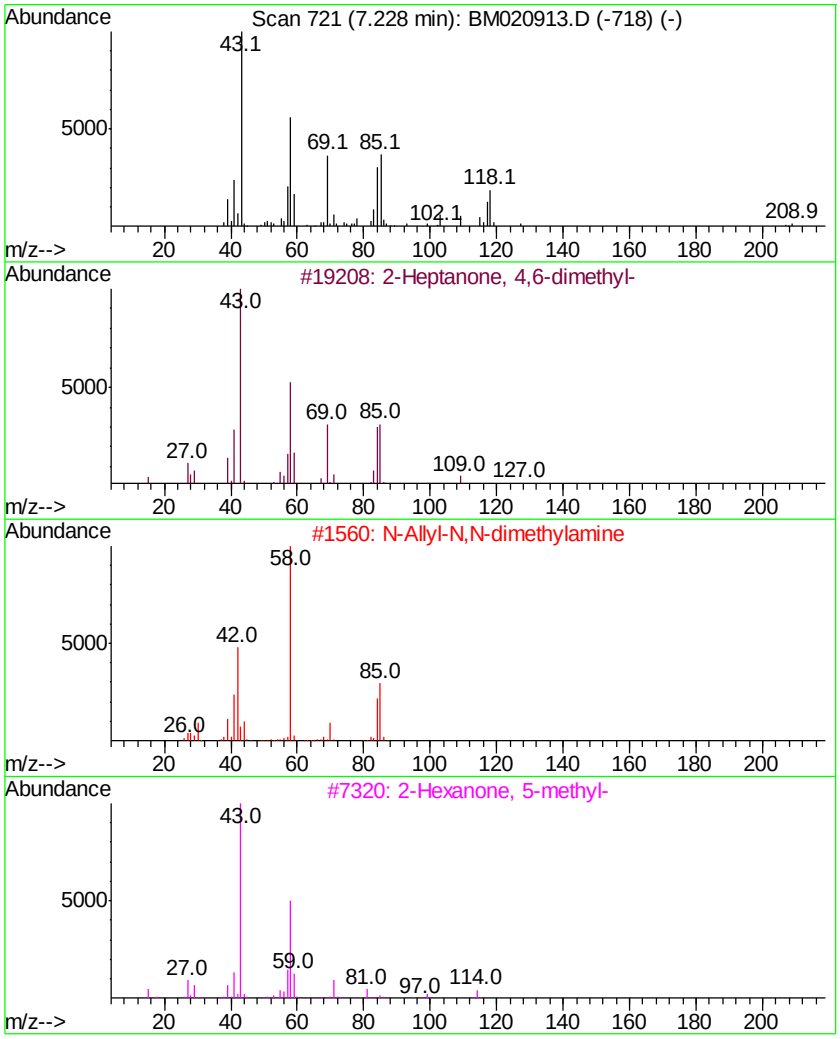
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

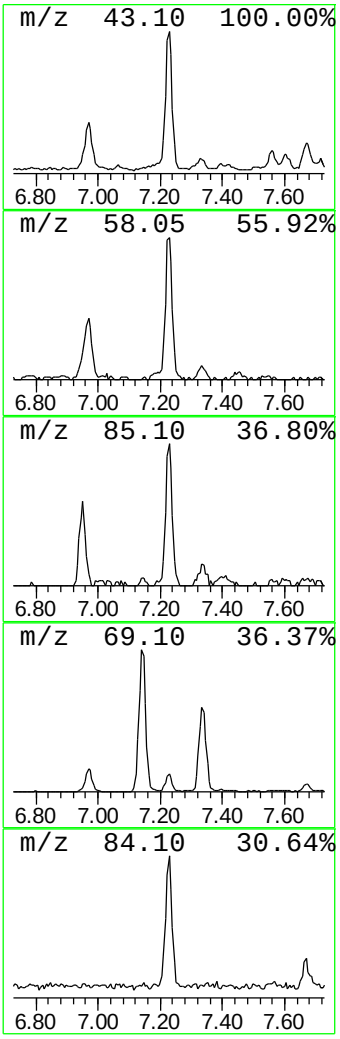
****

Peak Number 6 2-Heptanone, 4,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	2.64 ng/ul	259946	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	64
2	N-Allyl-N,N-dimethylamine	85	C5H11N	002155-94-4	43
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	38
4	2-Hexanone	100	C6H12O	000591-78-6	32
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020913.D
Acq On : 12 Jun 2019 20:55
Operator : HP/JU
Sample : K3215-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

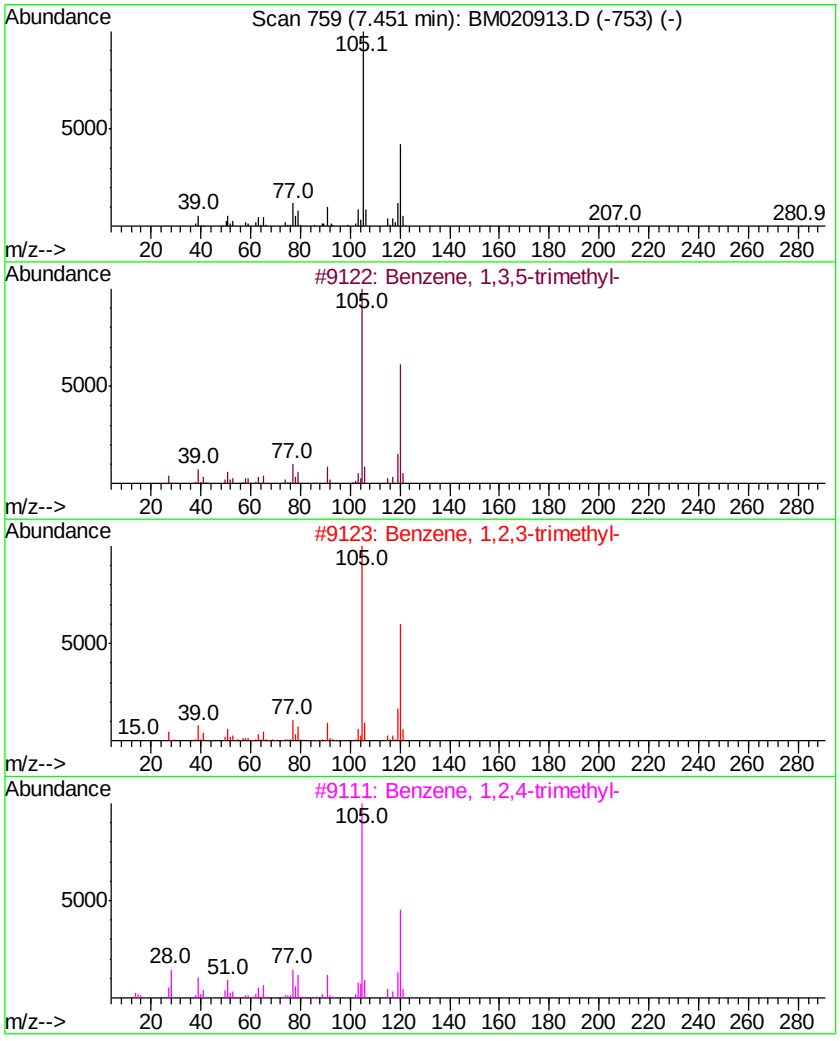
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

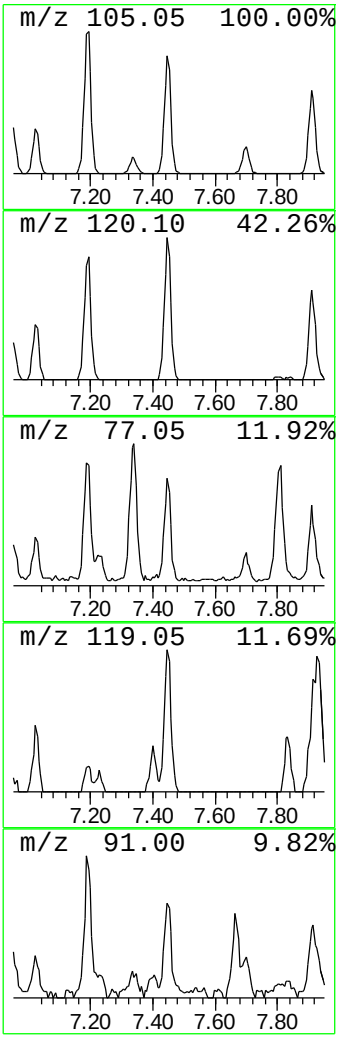
****

Peak Number 7 Benzene, 1,3,5-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	2.48 ng/ul	244758	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Operator : HP/JU
Sample : K3215-07
Misc :
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Instrument : BNA_M
ClientSampleId : DB8J1

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Quant Title : SVOA CALIBRATION

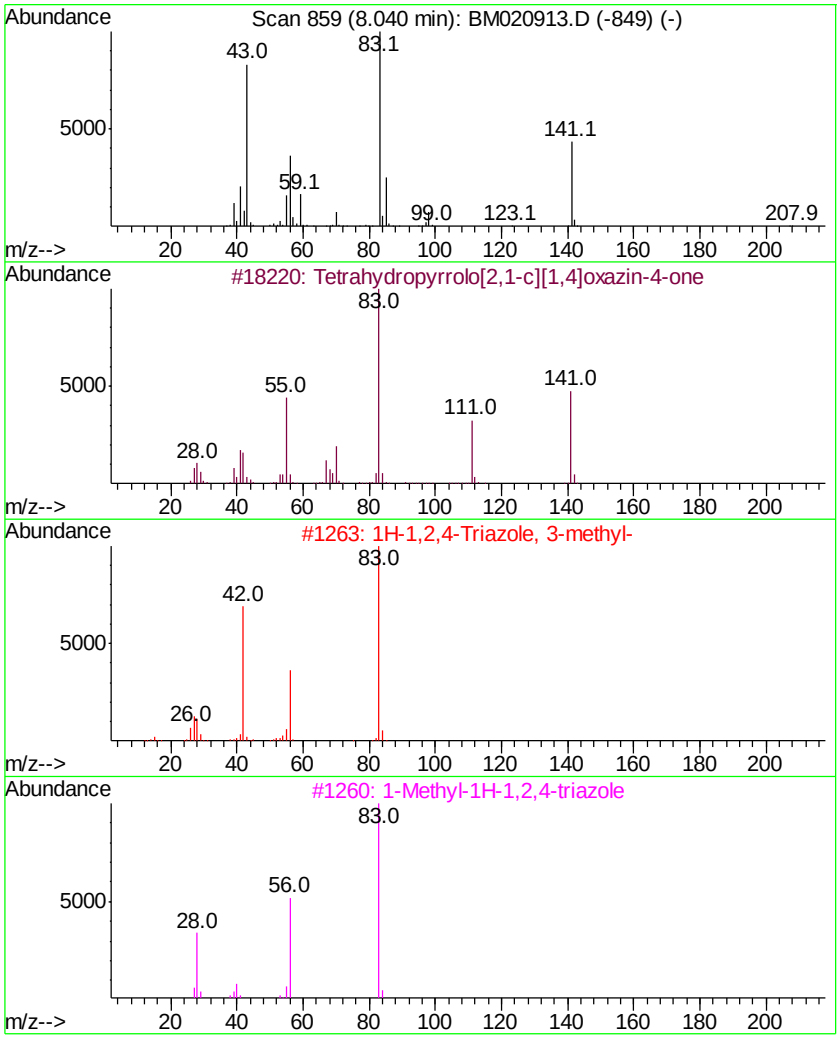
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

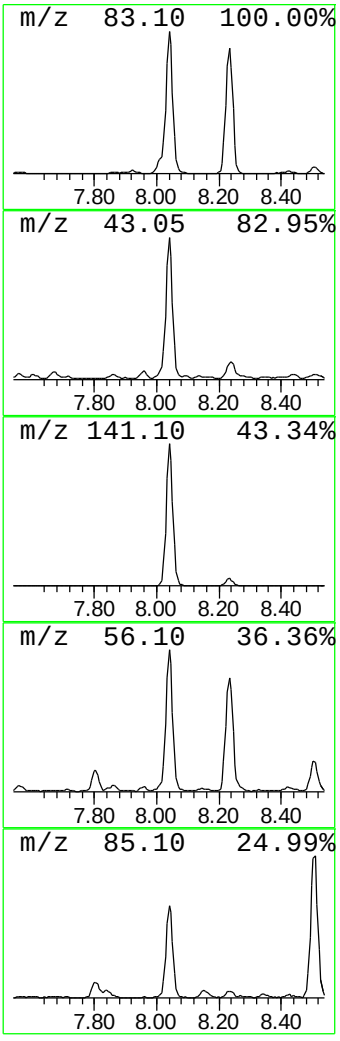
****

Peak Number 8 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	11.41 ng/ul	1123900	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydropyrrolo[2,1-c][1,4]oxa...	141	C7H11NO2	101250-37-7	47
2	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	32
3	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	32
4	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	12
5	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	9





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Instrument : BNA_M
ClientSampleId : DB8J1

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Quant Title : SVOA CALIBRATION

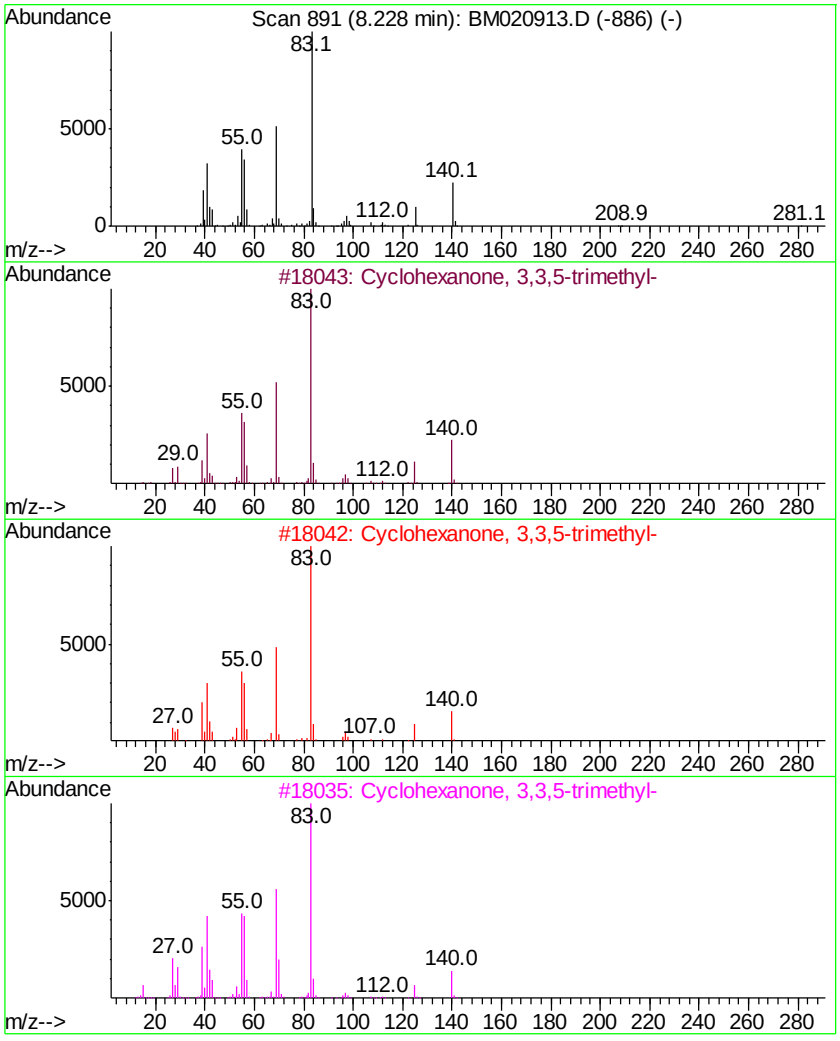
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

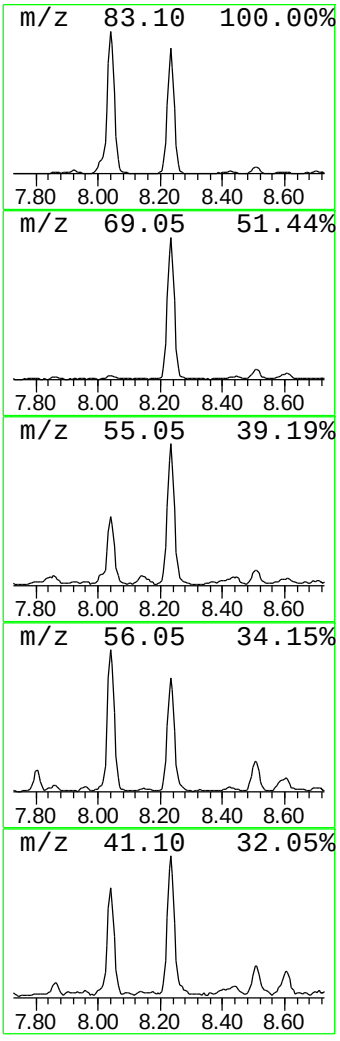
****

Peak Number 10 Cyclohexanone, 3,3,5-trimet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	9.94 ng/ul	979516	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	95
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	90
5	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	49





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ClientSampleId : DB8J1

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Quant Title : SVOA CALIBRATION

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

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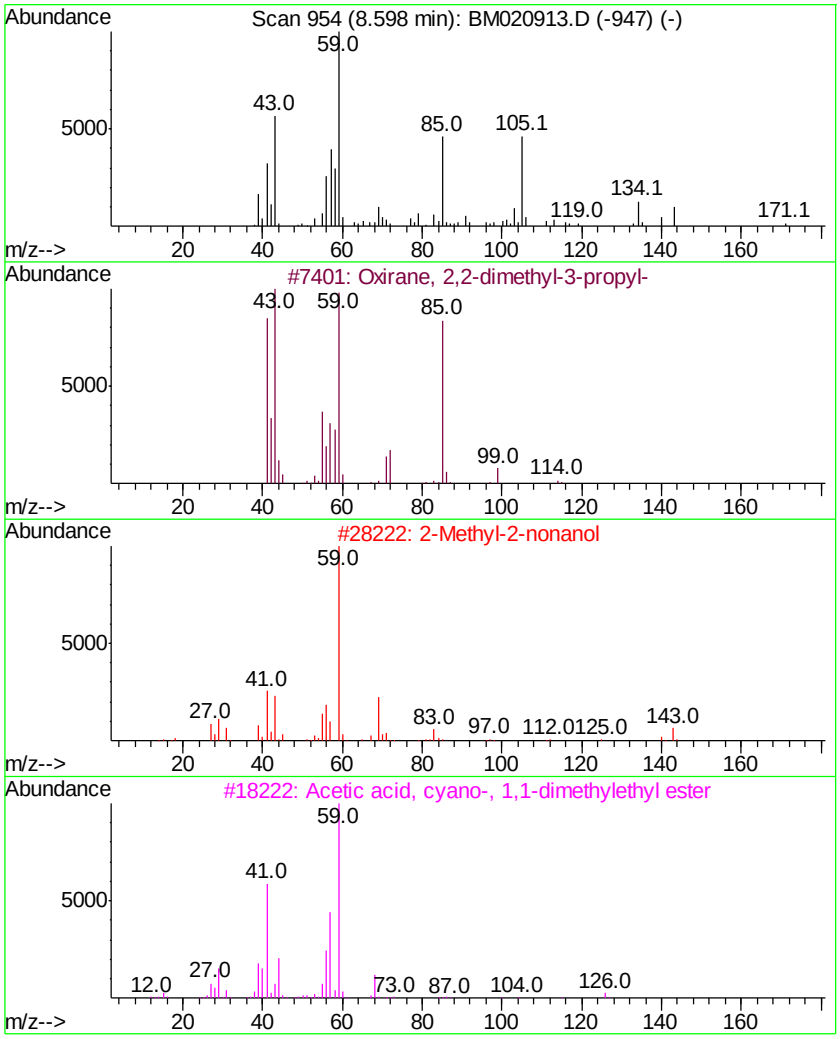
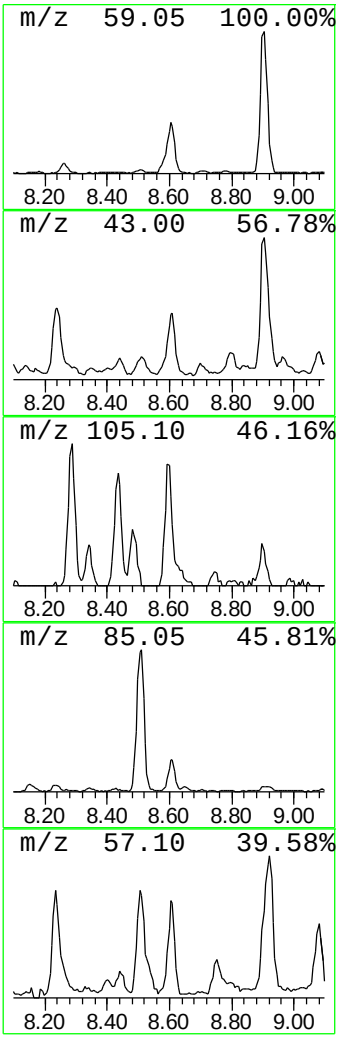
Peak Number 11 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	2.67 ng/ul	262700	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2,2-dimethyl-3-propyl-	114	C7H14O	017612-35-0	45
2	2-Methyl-2-nonanol	158	C10H22O	010297-57-1	43
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	27
5	2-Pentanol, 3-chloro-2-methyl-	136	C6H13ClO	074685-49-7	16





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Instrument : BNA_M
ClientSampleId : DB8J1

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Quant Title : SVOA CALIBRATION

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

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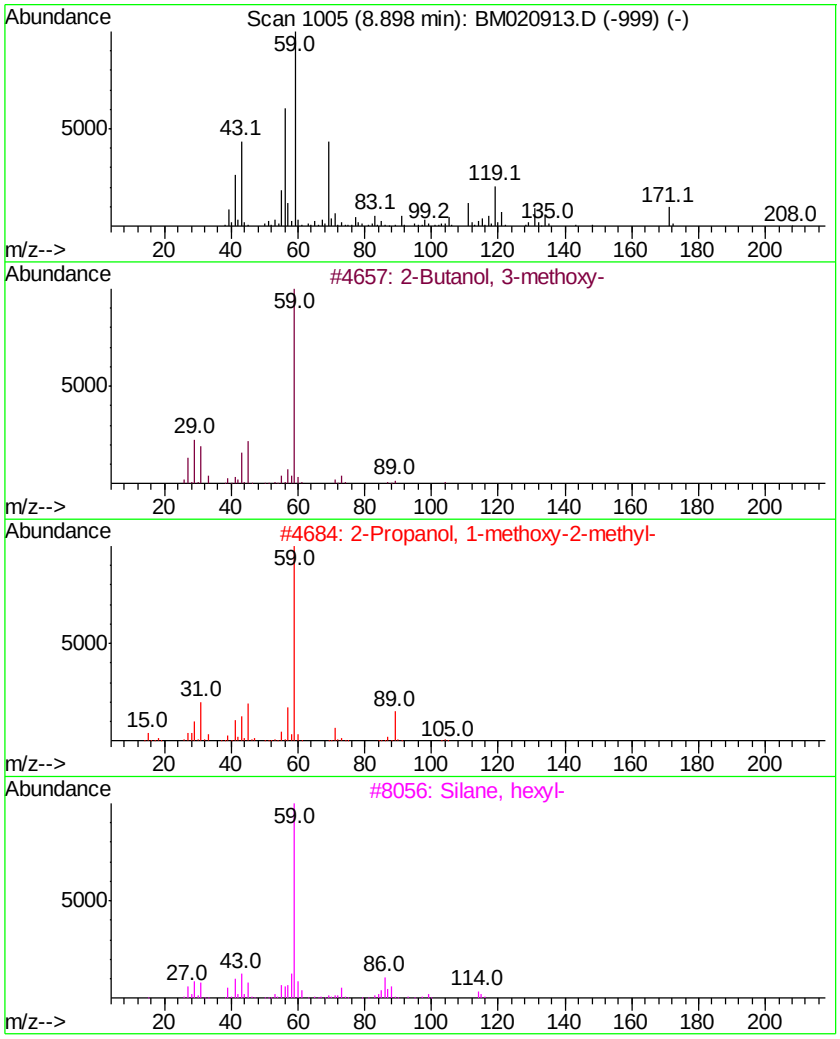
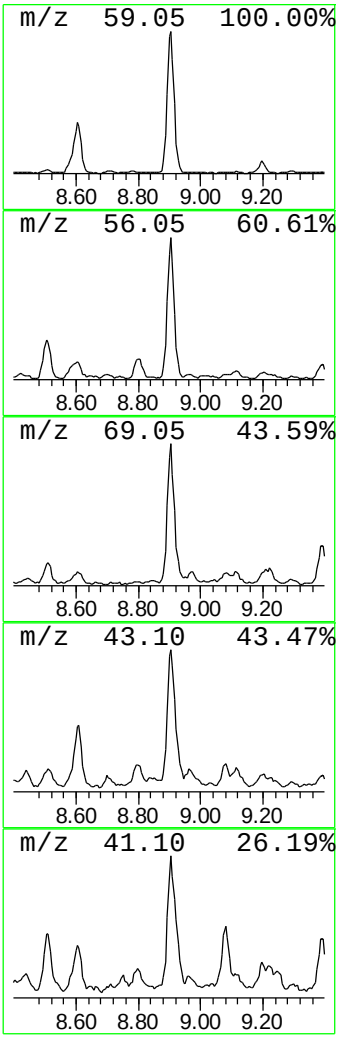
Peak Number 12 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	6.84 ng/ul	674072	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	35
2	2-Propanol, 1-methoxy-2-methyl-	104	C5H12O2	003587-64-2	35
3	Silane, hexyl-	116	C6H16Si	001072-14-6	35
4	Pentanamide	101	C5H11NO	000626-97-1	35
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	25





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Operator : HP/JU
Sample : K3215-07
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ClientSampleId : DB8J1

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Quant Title : SVOA CALIBRATION

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

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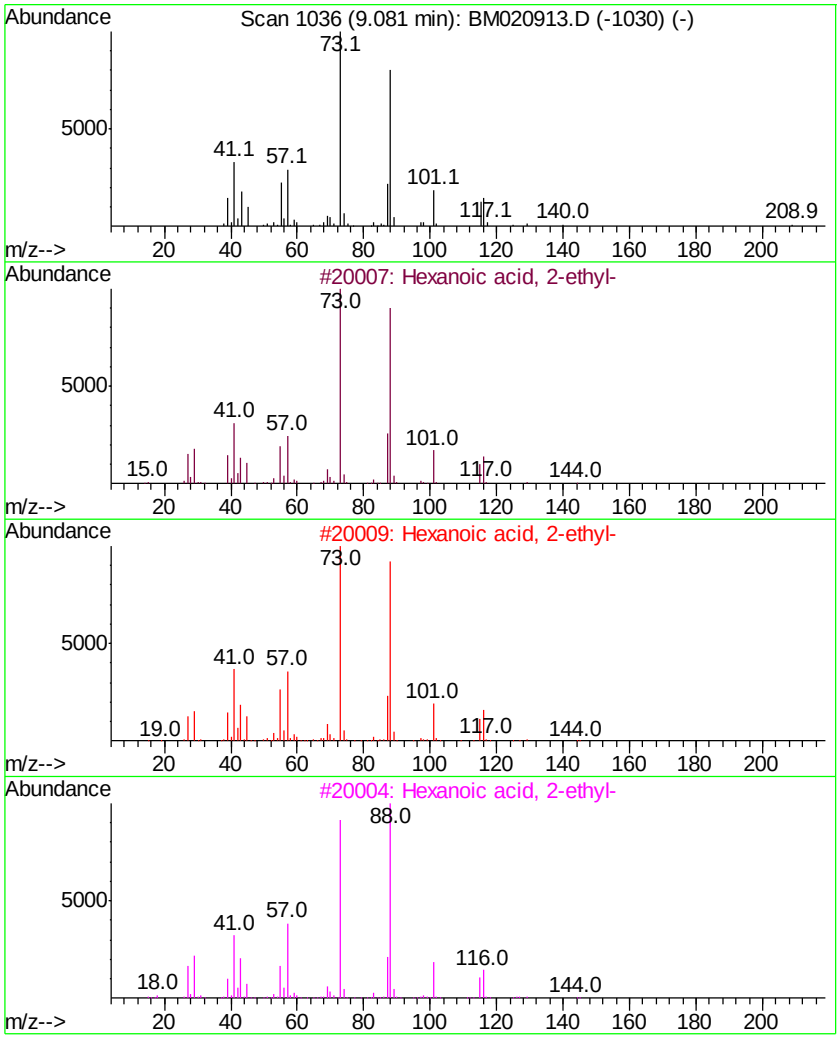
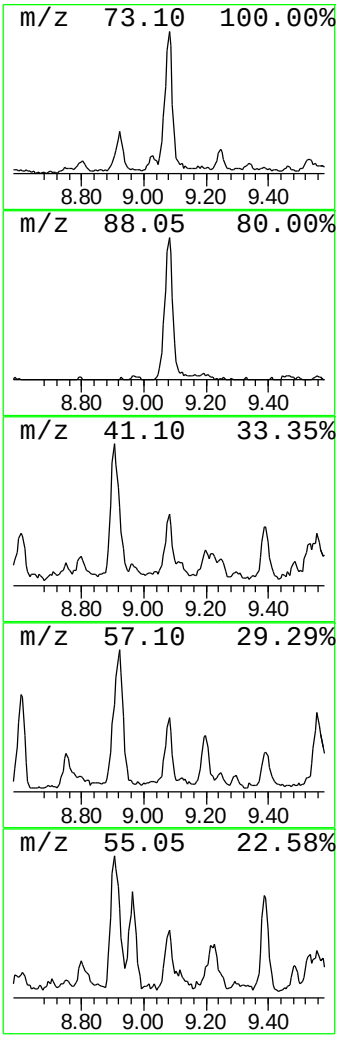
Peak Number 13 Hexanoic acid, 2-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	2.06 ng/ul	203086	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
5	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53





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Instrument : BNA_M
ClientSampleId : DB8J1

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Quant Title : SVOA CALIBRATION

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

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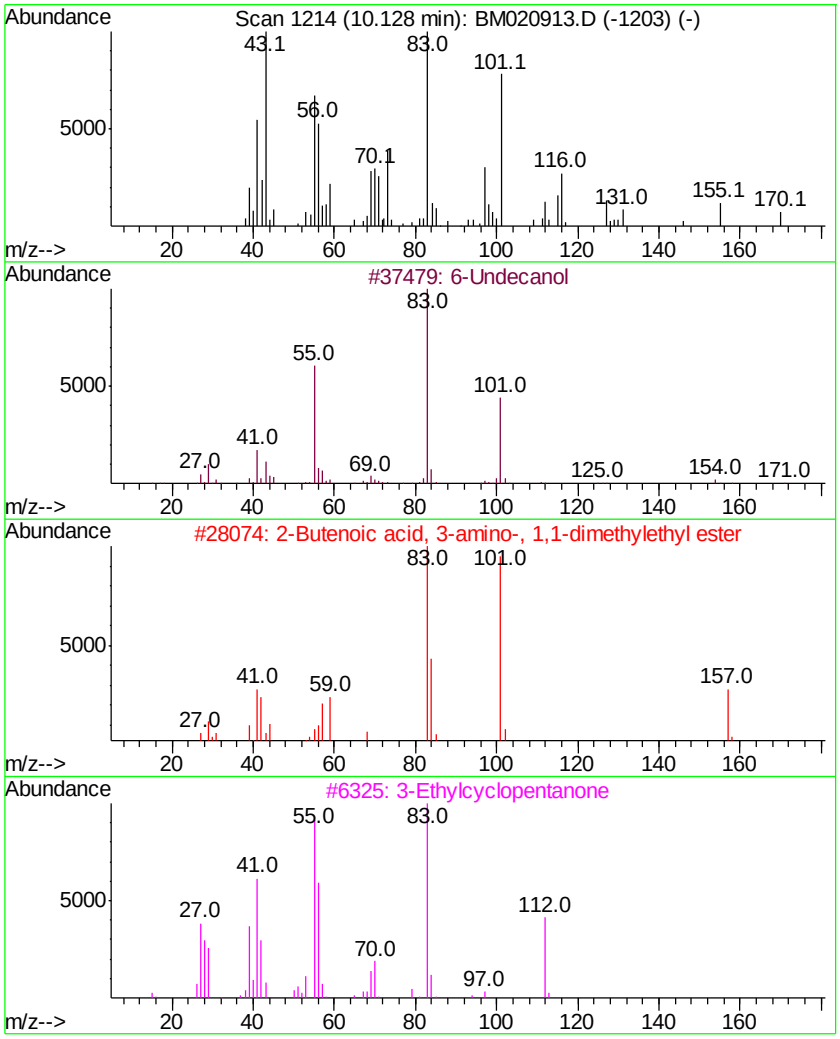
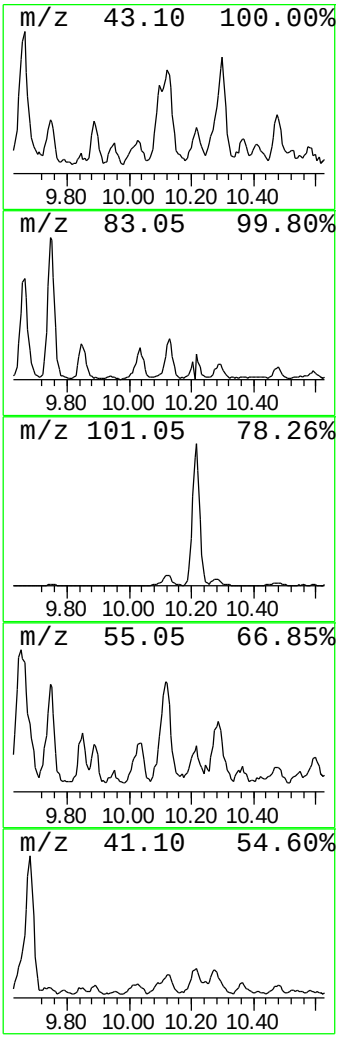
Peak Number 14 unknown-04 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	2.49 ng/ul	321766	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Undecanol	172	C11H24O	023708-56-7	43
2	2-Butenoic acid, 3-amino-, 1,1-d...	157	C8H15NO2	014205-43-7	38
3	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	35
4	Cyclopentanethiol, 1-methyl-	116	C6H12S	001638-95-5	27
5	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	27





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Instrument : BNA_M
ClientSampleId : DB8J1

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Quant Title : SVOA CALIBRATION

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

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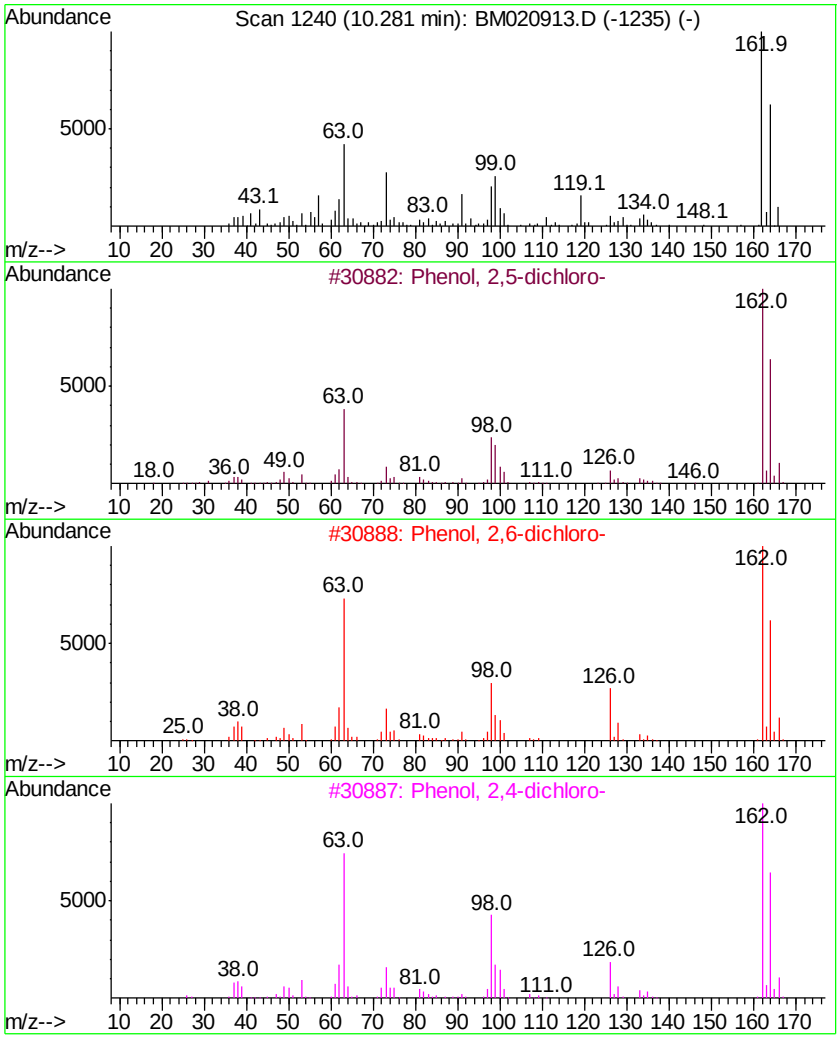
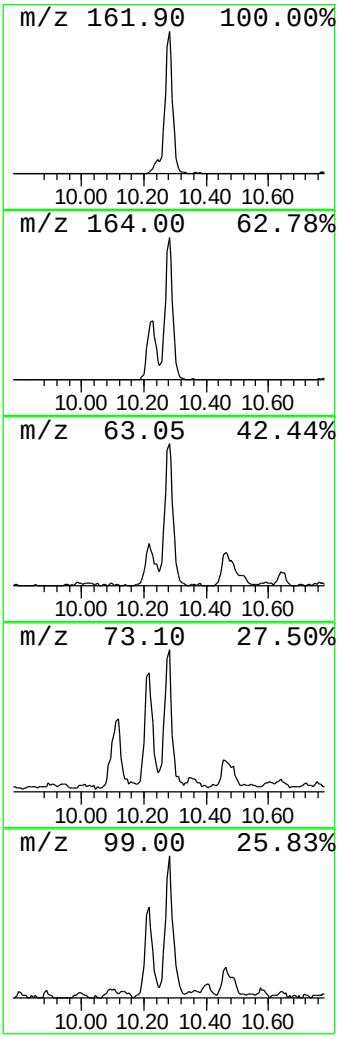
Peak Number 15 Phenol, 2,5-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	7.98 ng/ul	1031240	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-dichloro-	162	C6H4Cl2O	000583-78-8	95
2	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	90
3	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	90
4	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	90
5	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	87





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Quant Title : SVOA CALIBRATION

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

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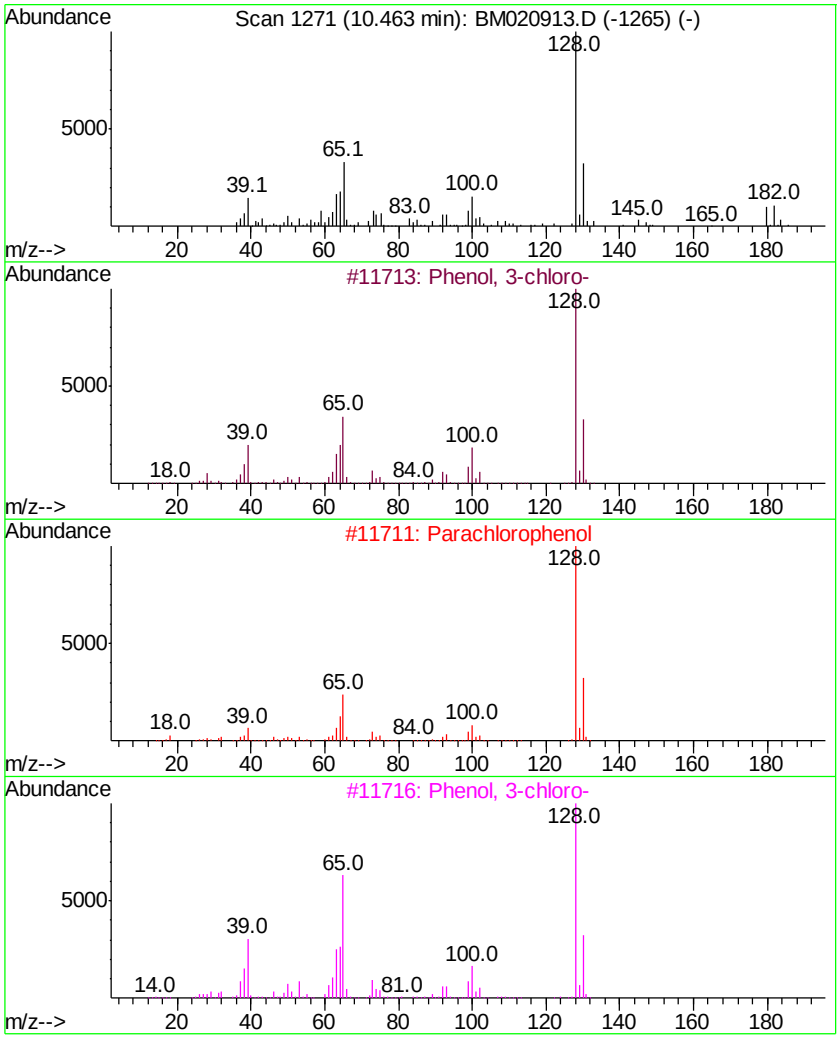
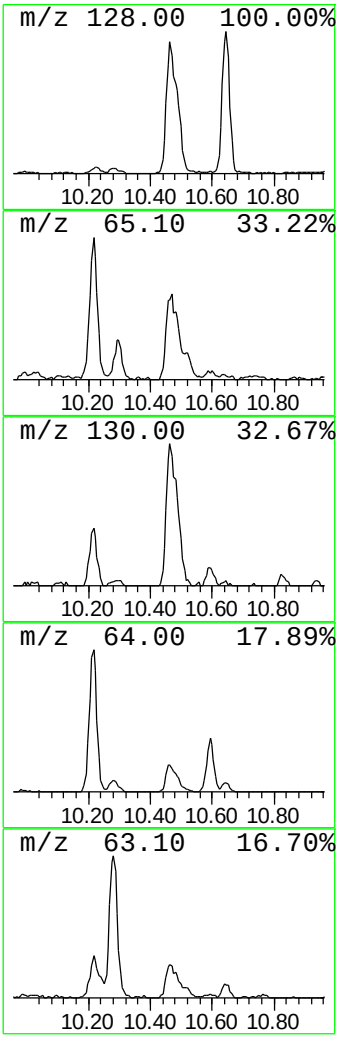
Peak Number 16 Phenol, 3-chloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	4.04 ng/ul	521462	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	97
2	Parachlorophenol	128	C6H5ClO	000106-48-9	94
3	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	94
4	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	90
5	Parachlorophenol	128	C6H5ClO	000106-48-9	87





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Instrument : BNA_M
ClientSampleId : DB8J1

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Quant Title : SVOA CALIBRATION

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

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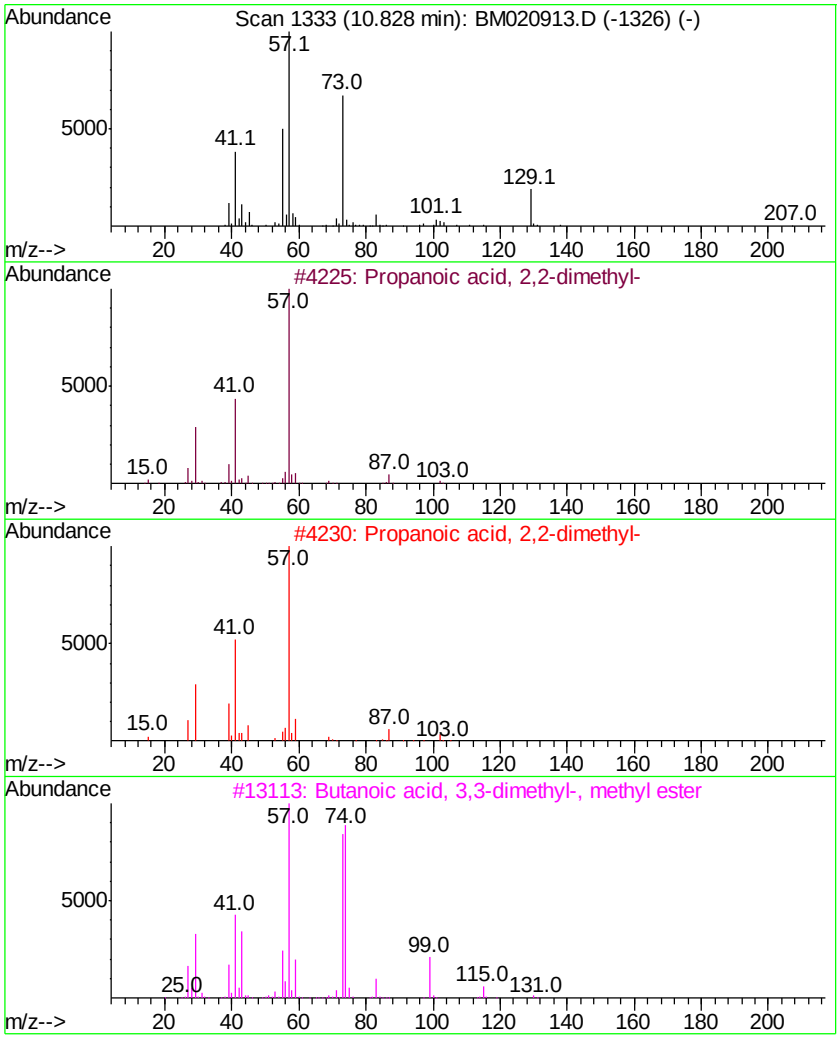
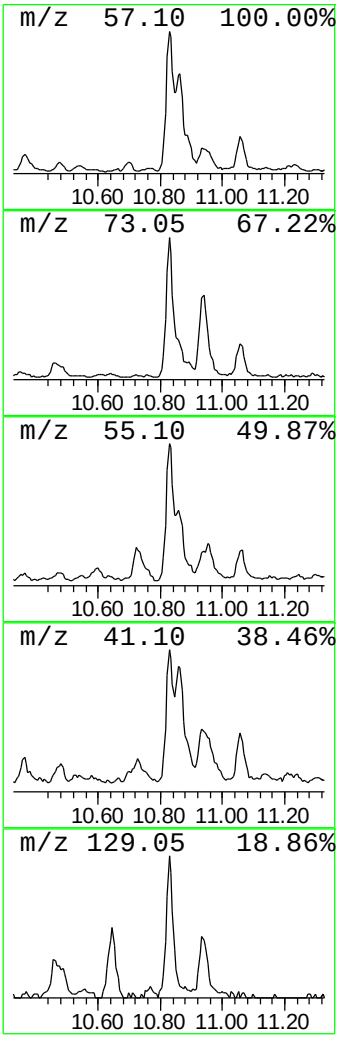
Peak Number 17 unknown-05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	2.92 ng/ul	377180	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	27
2	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	27
3	Butanoic acid, 3,3-dimethyl-, me...	130	C7H14O2	010250-48-3	23
4	1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	23
5	Propanoic acid, 2,2-dimethyl-, m...	116	C6H12O2	000598-98-1	23





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Quant Title : SVOA CALIBRATION

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

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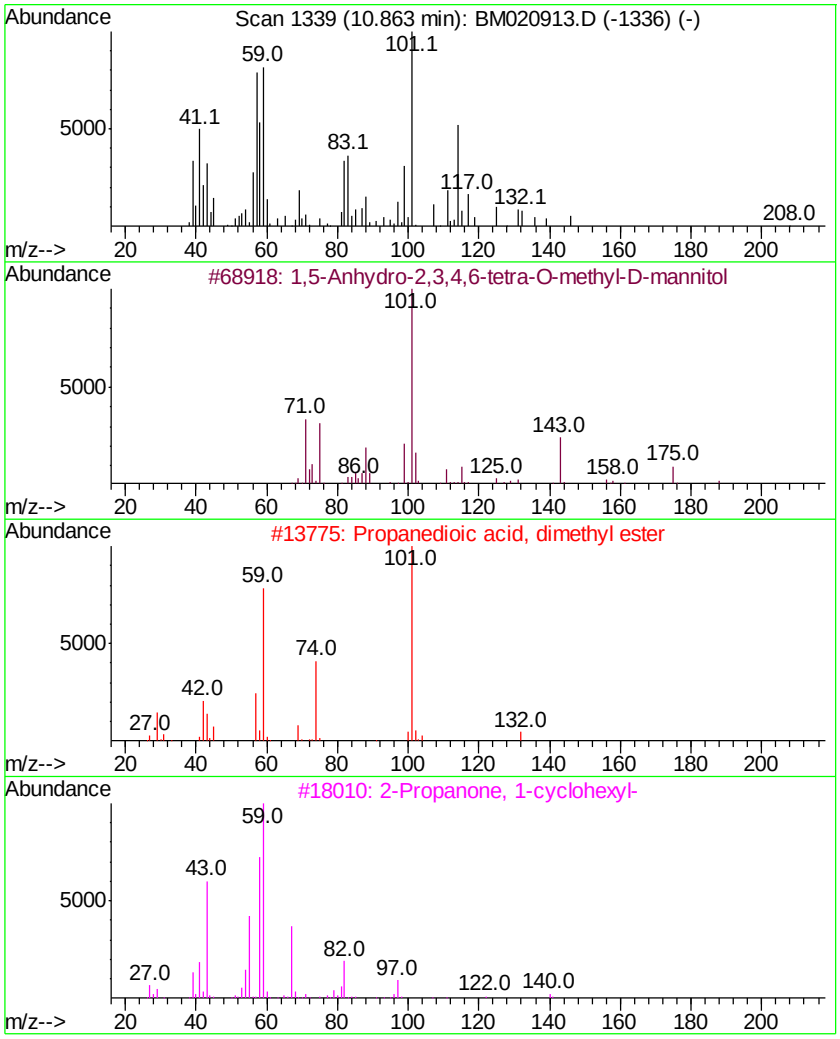
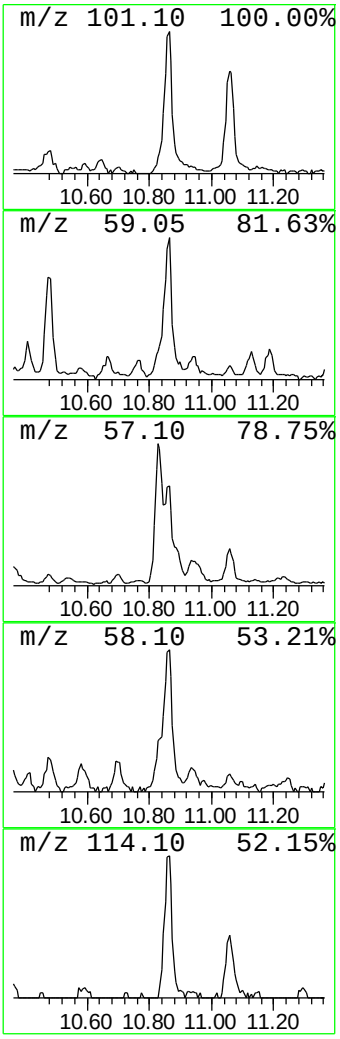
Peak Number 18 unknown-06 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	3.56 ng/ul	460327	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Anhydro-2,3,4,6-tetra-O-meth...	220	C10H20O5	006001-00-9	38
2	Propanedioic acid, dimethyl ester	132	C5H8O4	000108-59-8	38
3	2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	27
4	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	27
5	N-3-Dimethylaminopropylsuccinimide	184	C9H16N2O2	007268-51-1	22





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Quant Title : SVOA CALIBRATION

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

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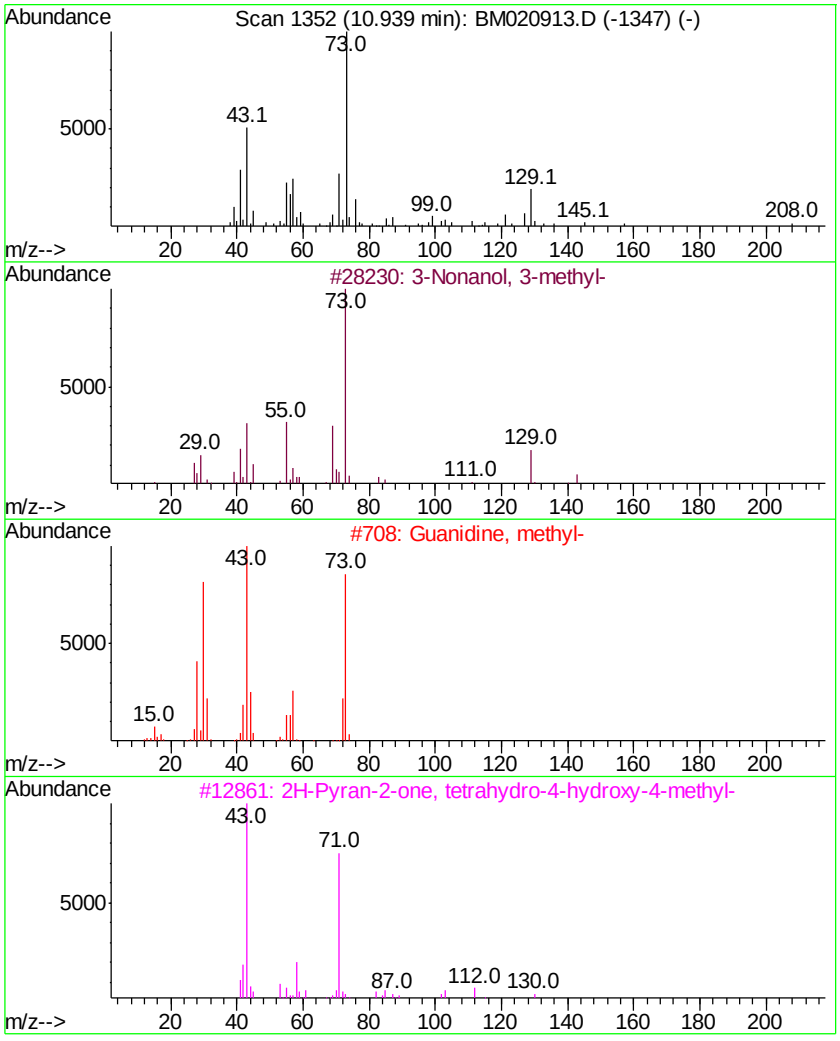
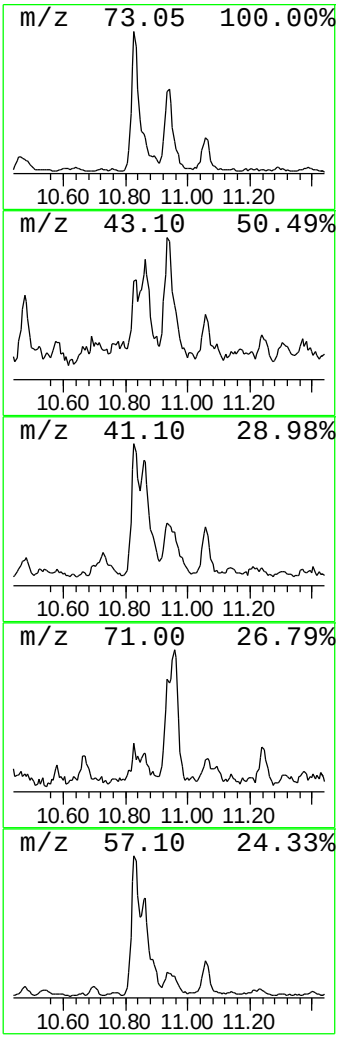
Peak Number 19 unknown-07 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	3.30 ng/ul	426689	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonanol, 3-methyl-	158	C10H22O	021078-72-8	35
2	Guanidine, methyl-	73	C2H7N3	000471-29-4	11
3	2H-Pyran-2-one, tetrahydro-4-hyd...	130	C6H10O3	000503-48-0	10
4	Isobutylamine	73	C4H11N	000078-81-9	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Data File : BM020913.D
Acq On : 12 Jun 2019 20:55
Operator : HP/JU
Sample : K3215-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

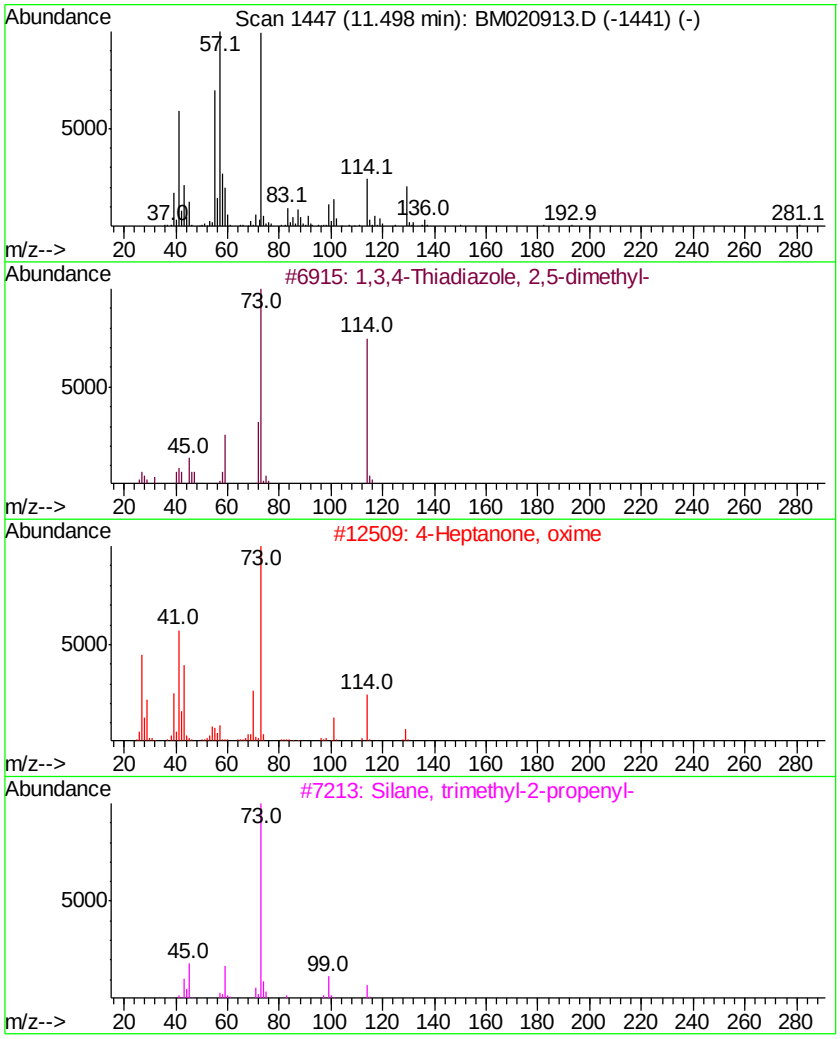
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

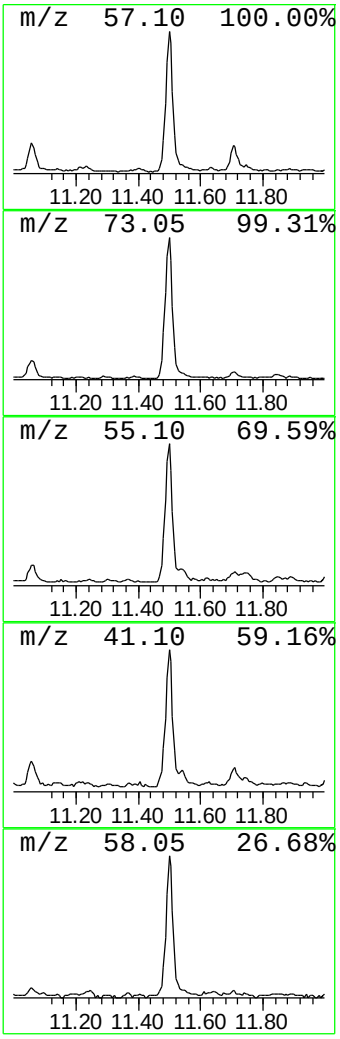
****

Peak Number 20 unknown-08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	6.65 ng/ul	859726	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Thiadiazole, 2,5-dimethyl-	114	C4H6N2S	027464-82-0	30
2	4-Heptanone, oxime	129	C7H15NO	001188-63-2	27
3	Silane, trimethyl-2-propenyl-	114	C6H14Si	000762-72-1	27
4	3-Hexanol, 3,5-dimethyl-	130	C8H18O	004209-91-0	22
5	Sulfurous acid, bis(1-methylprop...	194	C8H18O3S	024769-51-5	16





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Acq On : 12 Jun 2019 20:55
Operator : HP/JU
Sample : K3215-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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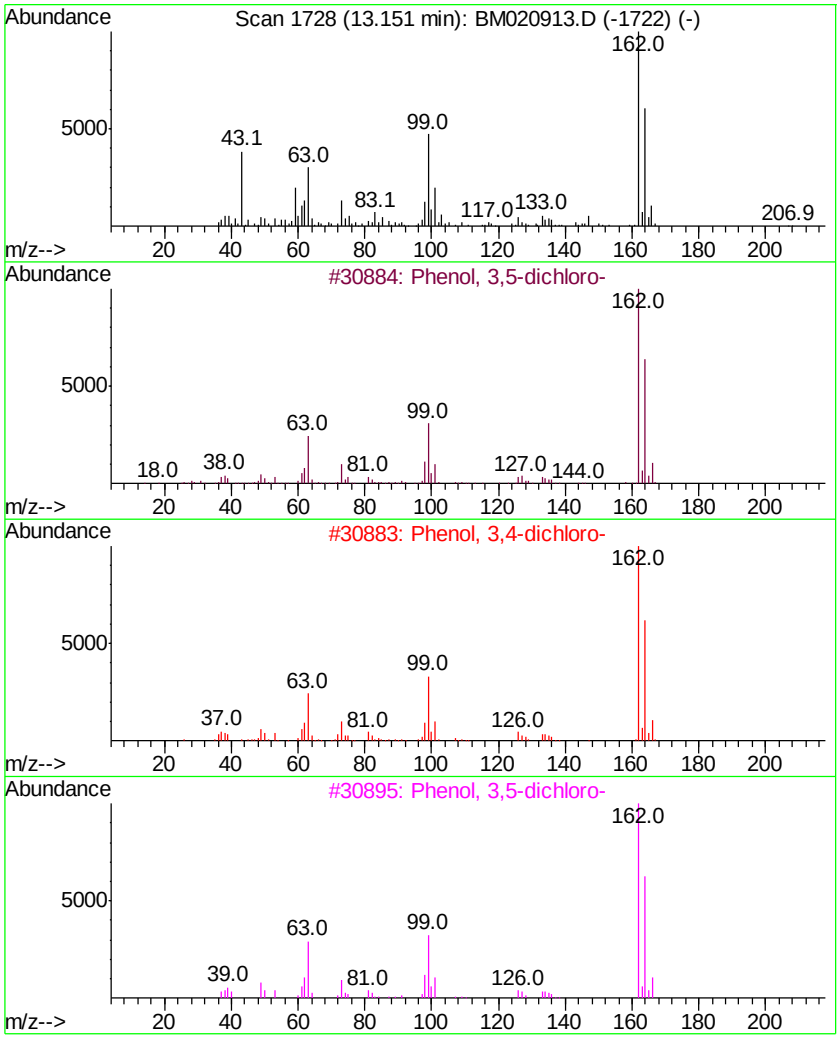
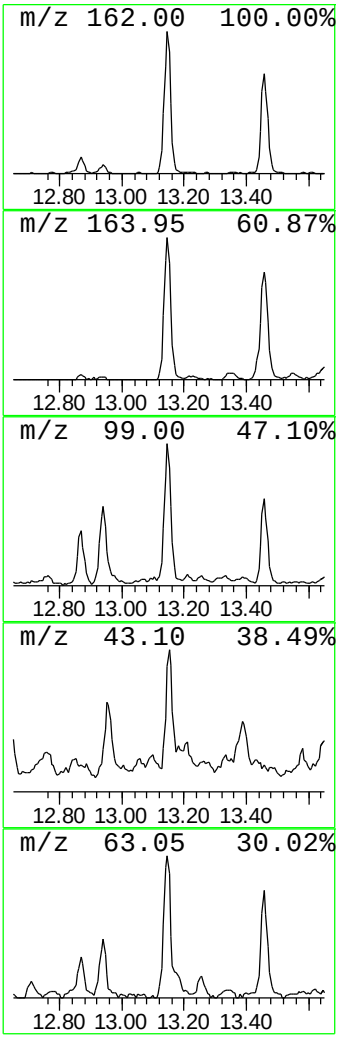
Peak Number 21 Phenol, 3,5-dichloro- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.60 ng/ul	447357	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	93
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	91
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	90
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	90
5	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	90





Library Search Compound Report

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Data File : BM020913.D
Acq On : 12 Jun 2019 20:55
Operator : HP/JU
Sample : K3215-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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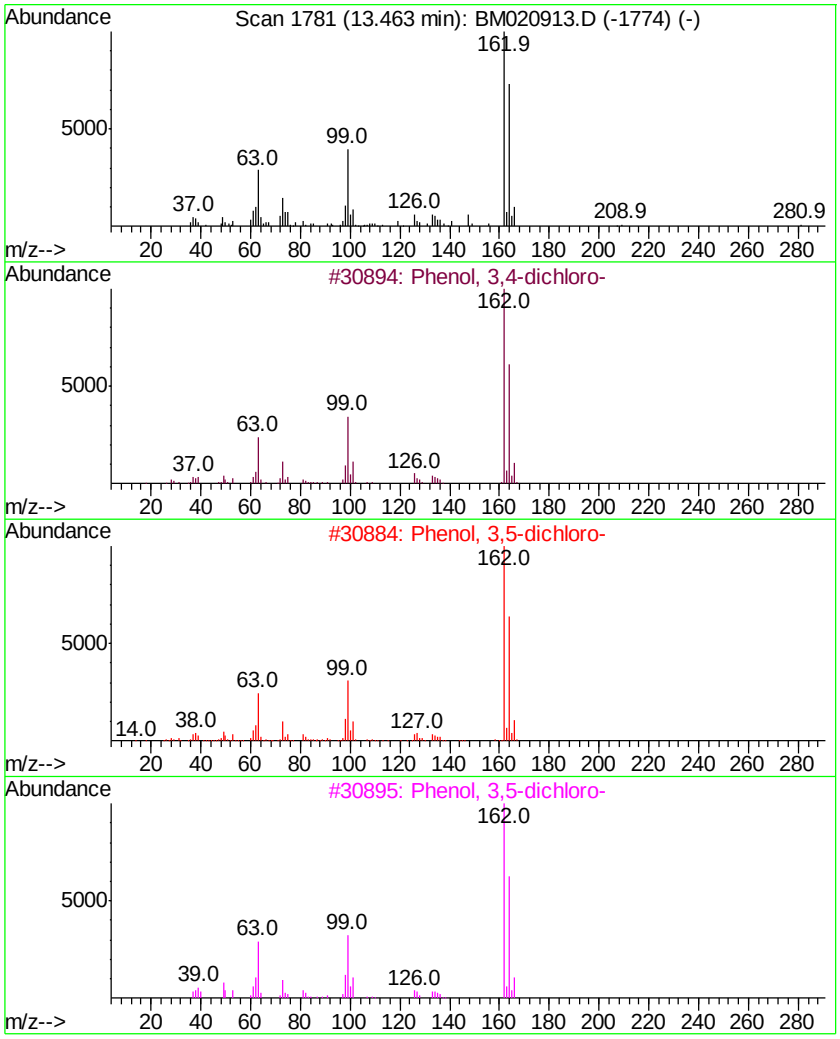
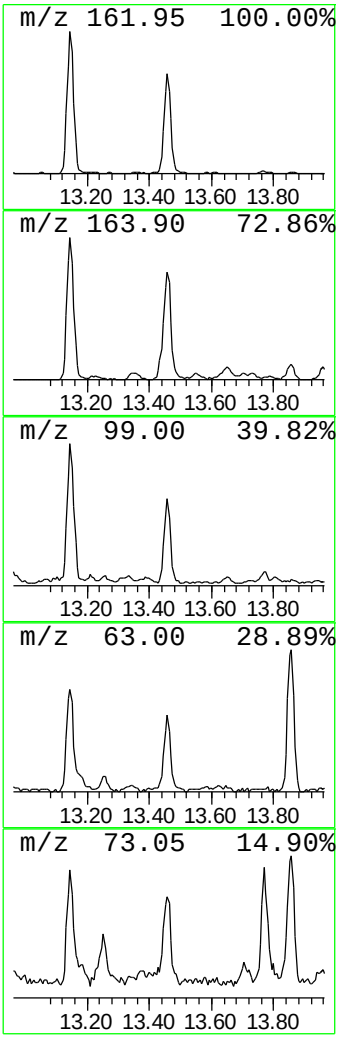
Peak Number 22 Phenol, 3,4-dichloro- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.37 ng/ul	406450	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	98
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	96
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95
5	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	94





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Data File : BM020913.D
Acq On : 12 Jun 2019 20:55
Operator : HP/JU
Sample : K3215-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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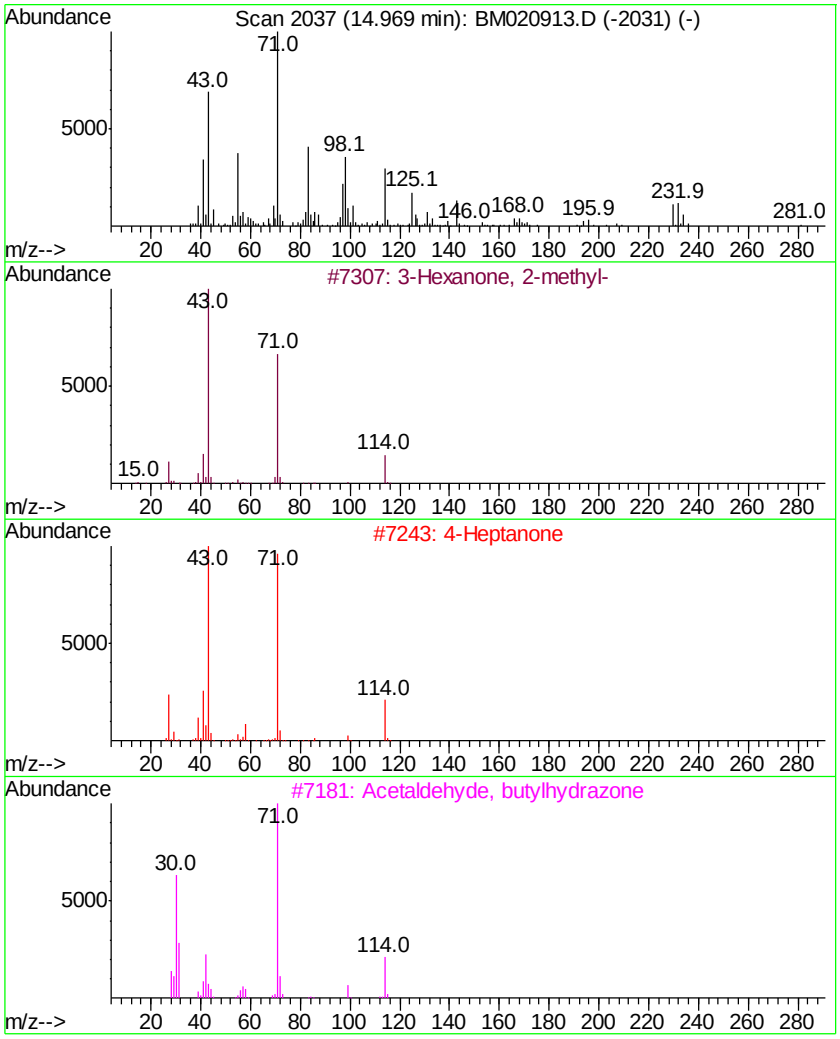
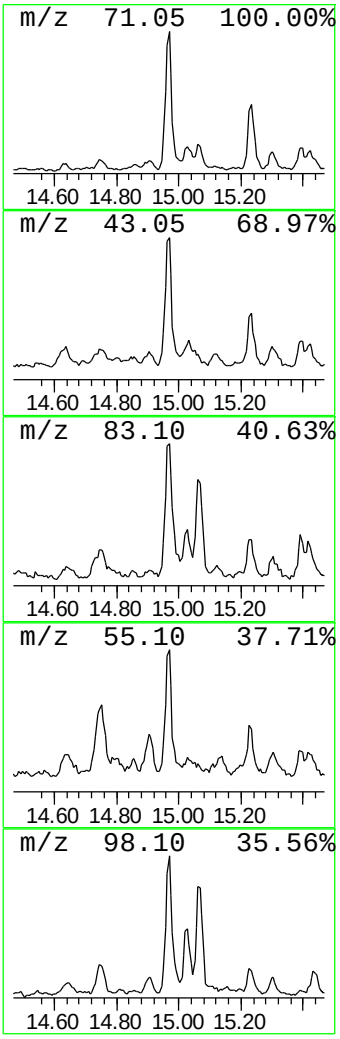
Peak Number 23 unknown-09 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	4.08 ng/ul	700954	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	35
2	4-Heptanone	114	C7H14O	000123-19-3	35
3	Acetaldehyde, butylhydrazone	114	C6H14N2	020607-72-1	35
4	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	27
5	2H-Pyran-2,3-diol, tetrahydro-, ...	202	C9H14O5	003021-94-1	27





Library Search Compound Report

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Data File : BM020913.D
Acq On : 12 Jun 2019 20:55
Operator : HP/JU
Sample : K3215-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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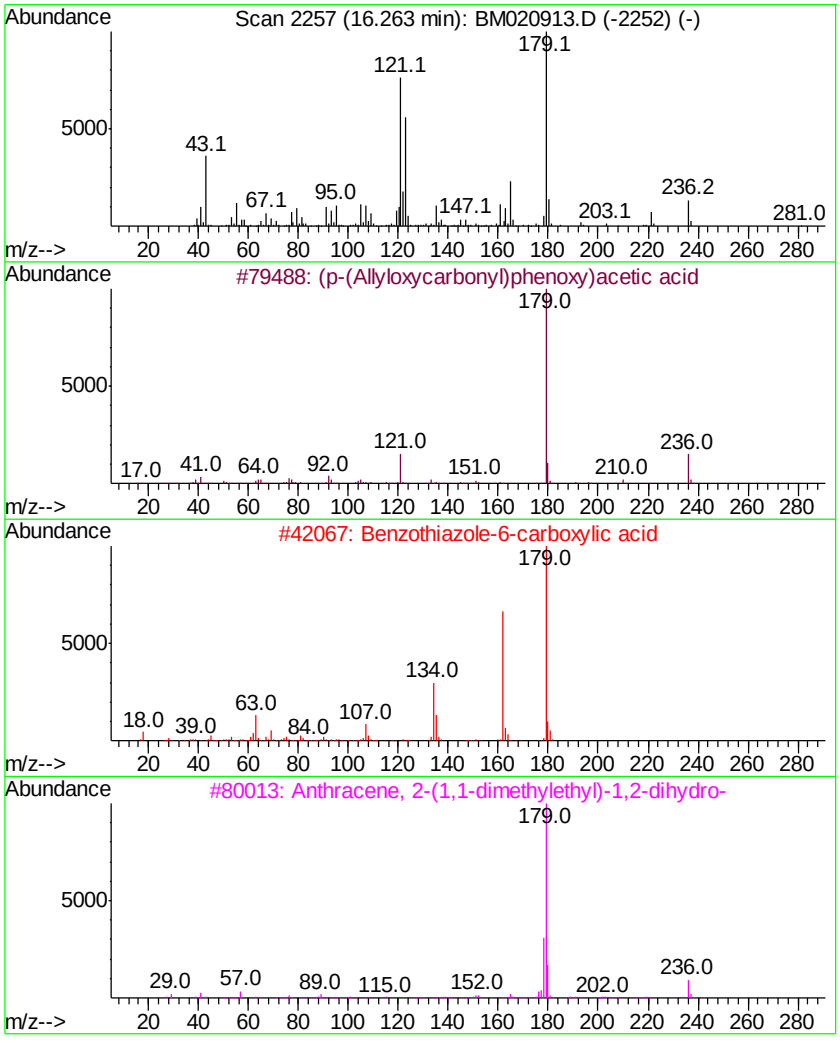
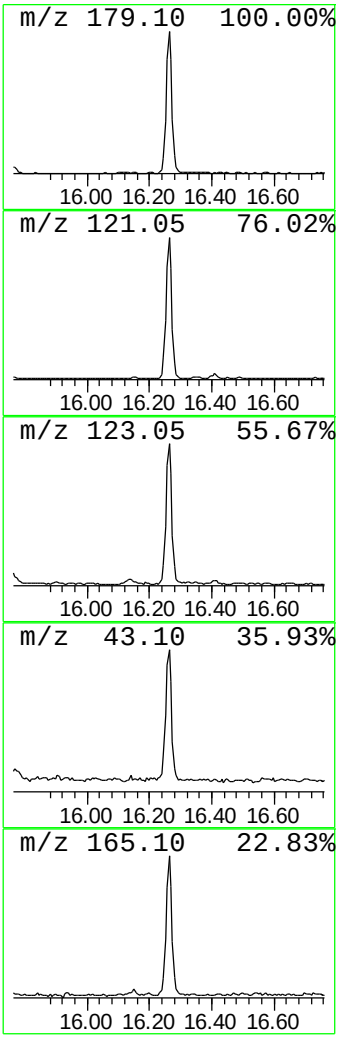
Peak Number 24 (p-(Allyloxycarbonyl)phenox... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	4.04 ng/ul	768073	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(p-(Allyloxycarbonyl)phenoxy)ace...	236	C12H12O5	1000241-83-7	50
2	Benzothiazole-6-carboxylic acid	179	C8H5NO2S	003622-35-3	30
3	Anthracene, 2-(1,1-dimethylethyl...	236	C18H20	062337-62-6	25
4	(3-Iodoprop-2-en-2-yl)(4-methoxy...	318	C12H15IO2	1000284-39-5	22
5	Hexanoic acid, (4-methoxyphenyl)...	236	C14H20O3	006624-60-8	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020913.D
Acq On : 12 Jun 2019 20:55
Operator : HP/JU
Sample : K3215-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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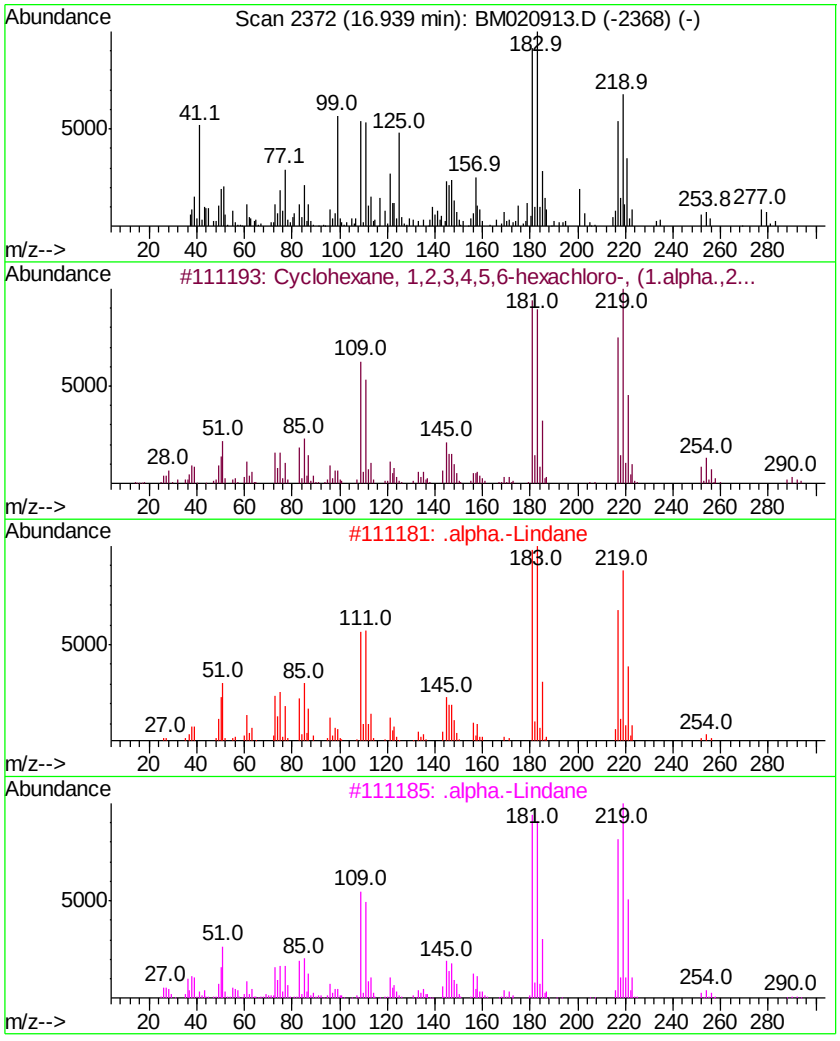
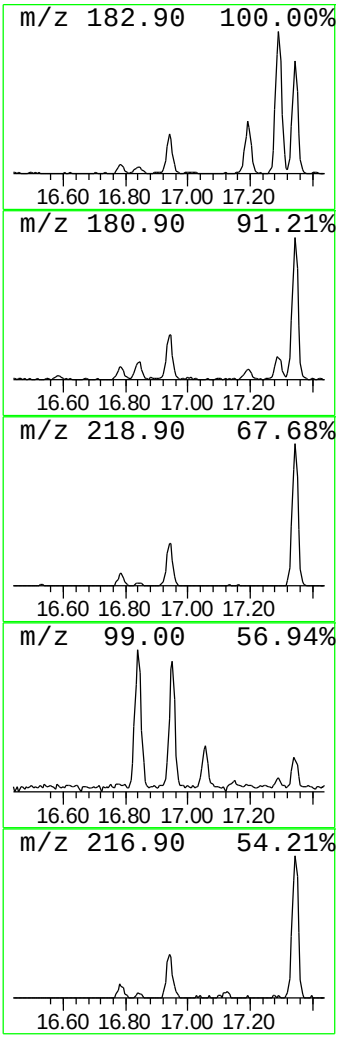
Peak Number 25 Cyclohexane, 1,2,3,4,5,6-he... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	2.02 ng/ul	382818	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3,4,5,6-hexachl...	288	C6H6Cl6	000319-85-7	78
2	.alpha.-Lindane	288	C6H6Cl6	000319-84-6	60
3	.alpha.-Lindane	288	C6H6Cl6	000319-84-6	60
4	Cyclohexane, 1,2,3,4,5,6-hexachl...	288	C6H6Cl6	000319-85-7	49
5	.alpha.-Lindane	288	C6H6Cl6	000319-84-6	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
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Acq On : 12 Jun 2019 20:55
Operator : HP/JU
Sample : K3215-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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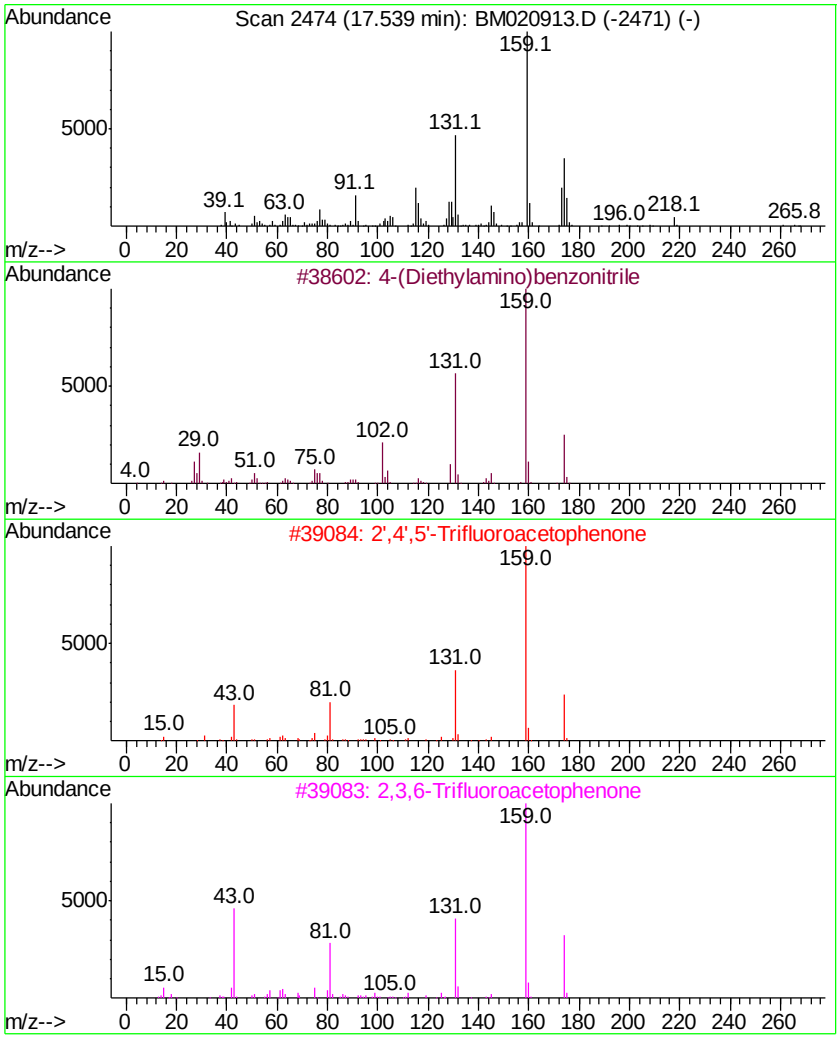
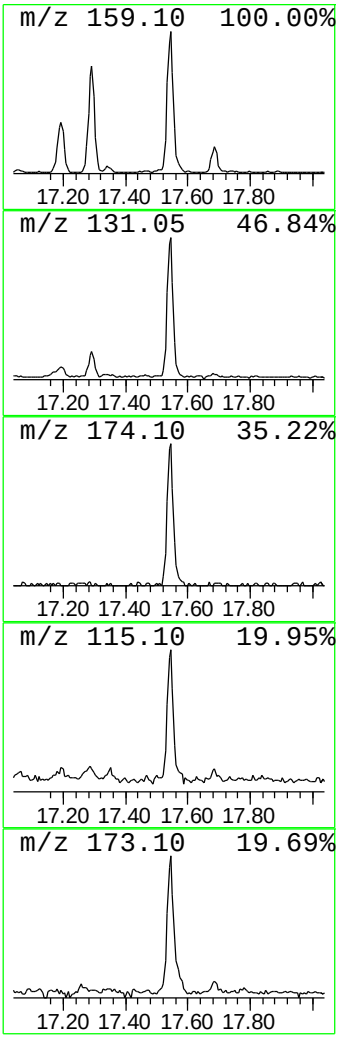
Peak Number 27 4-(Diethylamino)benzonitrile Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	2.55 ng/ul	484673	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(Diethylamino)benzonitrile	174	C11H14N2	002873-90-7	72
2	2',4',5'-Trifluoroacetophenone	174	C8H5F3O	129322-83-4	58
3	2,3,6-Trifluoroacetophenone	174	C8H5F3O	208173-22-2	53
4	1H-Inden-1-one, 2,3-dihydro-3,3,...	174	C12H14O	054484-71-8	52
5	Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	50





Tentatively Identified Compound (LSC) summary

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Data File : BM020913.D
Acq On : 12 Jun 2019 20:55
Operator : HP/JU
Sample : K3215-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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
Butane, 2-methoxy...	3.04	12.4	ng/ul	1222390	1	7.80	1970220	20.0
Benzene, (1-methy...	6.30	2.9	ng/ul	287790	1	7.80	1970220	20.0
Benzene, propyl-	6.78	2.8	ng/ul	273118	1	7.80	1970220	20.0
2-Heptanone, 4,6-...	7.23	2.6	ng/ul	259946	1	7.80	1970220	20.0
Benzene, 1,3,5-tr...	7.45	2.5	ng/ul	244758	1	7.80	1970220	20.0
unknown-01	8.04	11.4	ng/ul	1123900	1	7.80	1970220	20.0
Cyclohexanone, 3,...	8.23	9.9	ng/ul	979516	1	7.80	1970220	20.0
unknown-02	8.60	2.7	ng/ul	262700	1	7.80	1970220	20.0
unknown-03	8.90	6.8	ng/ul	674072	1	7.80	1970220	20.0
Hexanoic acid, 2-...	9.08	2.1	ng/ul	203086	1	7.80	1970220	20.0
unknown-04	10.13	2.5	ng/ul	321766	2	10.59	2584460	20.0
Phenol, 2,5-dichl...	10.28	8.0	ng/ul	1031240	2	10.59	2584460	20.0
Phenol, 3-chloro-	10.46	4.0	ng/ul	521462	2	10.59	2584460	20.0
unknown-05	10.83	2.9	ng/ul	377180	2	10.59	2584460	20.0
unknown-06	10.86	3.6	ng/ul	460327	2	10.59	2584460	20.0
unknown-07	10.94	3.3	ng/ul	426689	2	10.59	2584460	20.0
unknown-08	11.50	6.7	ng/ul	859726	2	10.59	2584460	20.0
Phenol, 3,5-dichl...	13.15	2.6	ng/ul	447357	3	14.45	3436650	20.0
Phenol, 3,4-dichl...	13.46	2.4	ng/ul	406450	3	14.45	3436650	20.0
unknown-09	14.97	4.1	ng/ul	700954	3	14.45	3436650	20.0
(p-(Allyloxycarbo...	16.26	4.0	ng/ul	768073	4	17.19	3798340	20.0
Cyclohexane, 1,2,...	16.94	2.0	ng/ul	382818	4	17.19	3798340	20.0
4-(Diethylamino)b...	17.54	2.5	ng/ul	484673	4	17.19	3798340	20.0