LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022330.D
Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

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-BM082219MA.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	3.810	136	140	149	rVB	12211	17967	0.56%	0.126%
2	5.087	351	357	365	rBV	23427	34011	1.07%	0.239%
3	5.216	374	379	389	rBB2	14717	29850	0.94%	0.210%
4	7.551	771	776	784	rBB	45694	68749	2.15%	0.484%
5	7.898	829	835	843	rBB	185789	295624	9.27%	2.080%
6	8.016	849	855	861	rBV	26102	40014	1.25%	0.282%
7	8.975	1012	1018	1022	rBV	23427	41989	1.32%	0.295%
8	9.016	1022	1025	1030	rVB2	14810	21414	0.67%	0.151%
9	9.522	1106	1111	1115	rBV	74030	125054	3.92%	0.880%
10	9.557	1115	1117	1124	rVB4	38514	53516	1.68%	0.377%
11	9.710	1135	1143	1146	rBV4	9485	21058	0.66%	0.148%
12	9.834	1158	1164	1174	rVB	97897	165479	5.19%	1.164%
13	9.975	1184	1188	1195	rVB4	20790	31302	0.98%	0.220%
14	10.234	1226	1232	1236	rBV5	36432	75894	2.38%	0.534%
15	10.322	1242	1247	1249	rBV	64948	99922	3.13%	0.703%
16	10.375	1249	1256	1266	rVB	2038223	3190535	100.00%	22.448%
17	10.486	1269	1275	1285	rVB2	123566	218574	6.85%	1.538%
18	10.869	1333	1340	1346	rBV4	36452	70551	2.21%	0.496%
19	11.175	1385	1392	1403	rBB	45562	80936	2.54%	0.569%
20	11.363	1419	1424	1428	rBV	15026	20622	0.65%	0.145%
21	11.416	1428	1433	1439	rVV3	26660	42727	1.34%	0.301%
22	11.751	1484	1490	1499	rBV	57504	97849	3.07%	0.688%
23	11.880	1506	1512	1520	rBV3	12151	26549	0.83%	0.187%
24	11.992	1525	1531	1538	rVB	142154	216477	6.78%	1.523%
25	12.116	1548	1552	1557	rVV2	24408	34985	1.10%	0.246%
26	12.216	1561	1569	1577	rVB	340129	543011	17.02%	3.821%
27	12.416	1595	1603	1613	rVV3	21389	49145	1.54%	0.346%
28	13.027	1696	1707	1714	rVB2	81941	145391	4.56%	1.023%
29	13.222	1733	1740	1742	rBV3	12631	18299	0.57%	0.129%
30	13.357	1756	1763	1770	rBV5	37645	94255	2.95%	0.663%
31	13.516	1779	1790	1796	rBV2	46193	103773	3.25%	0.730%
32	13.569	1796	1799	1806	rVV	31055	45680	1.43%	0.321%
33	13.633	1806	1810	1814	rVV	17809	22958	0.72%	0.162%
34	13.710	1819	1823	1827	rVV	18843	23509	0.74%	0.165%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022330.D
Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

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-BM082219MA.M
Title : SVOA CALIBRATION

35	13.757	1827	1831	1835	rVV3	20261	29823	0.93%	0.210%
36	13.898	1850	1855	1857	rVV	21253	32250	1.01%	0.227%
37	13.922	1857	1859	1867	rVB6	20310	31838	1.00%	0.224%
38	14.204	1896	1907	1912	rBV2	124498	198978	6.24%	1.400%
39	14.269	1912	1918	1927	rVB	611281	848018	26.58%	5.967%
40	14.369	1927	1935	1938	rBV	60355	95955	3.01%	0.675%
41	14.422	1938	1944	1952	rVV	146455	245926	7.71%	1.730%
42	14.492	1952	1956	1960	rVV	30260	45244	1.42%	0.318%
43	14.533	1960	1963	1971	rVB2	19127	30651	0.96%	0.216%
44	14.610	1971	1976	1981	rVB	312875	423564	13.28%	2.980%
45	14.663	1981	1985	1991	rBV5	10556	19299	0.60%	0.136%
46	14.727	1991	1996	2000	rVV	32776	49171	1.54%	0.346%
47	14.786	2000	2006	2010	rVB4	16358	31181	0.98%	0.219%
48	15.016	2039	2045	2051	rVB4	12737	21060	0.66%	0.148%
49	15.139	2059	2066	2073	rBV4	29693	68999	2.16%	0.485%
50	15.210	2073	2078	2082	rVV2	32431	49538	1.55%	0.349%
51	15.263	2082	2087	2096	rVV	301809	417645	13.09%	2.939%
52	15.392	2105	2109	2110	rVV4	17140	25822	0.81%	0.182%
53	15.421	2110	2114	2121	rVV	64734	131057	4.11%	0.922%
54	15.521	2121	2131	2136	rVV6	36310	115569	3.62%	0.813%
55	15.557	2136	2137	2143	rVV2	16344	18898	0.59%	0.133%
56	15.621	2143	2148	2152	rVB2	28731	40177	1.26%	0.283%
57	15.674	2152	2157	2160	rBV2	24580	41040	1.29%	0.289%
58	15.716	2160	2164	2169	rVB5	31244	55255	1.73%	0.389%
59	15.780	2169	2175	2183	rBV4	11893	22039	0.69%	0.155%
60	15.986	2202	2210	2219	rVV3	187396	454592	14.25%	3.198%
61	16.063	2219	2223	2225	rVV2	16634	22007	0.69%	0.155%
62	16.110	2225	2231	2239	rVV	214723	370474	11.61%	2.607%
63	16.174	2239	2242	2245	rVV	26403	42290	1.33%	0.298%
64	16.268	2249	2258	2266	rBV2	184046	396300	12.42%	2.788%
65	16.551	2300	2306	2309	rBV	41422	63999	2.01%	0.450%
66	16.686	2323	2329	2333	rBV2	19991	36313	1.14%	0.255%
67	16.763	2337	2342	2345	rBV3	38755	64610	2.03%	0.455%
68	16.857	2351	2358	2362	rBV2	47498	91060	2.85%	0.641%
69	16.898	2362	2365	2369	rVV4	36664	63314	1.98%	0.445%
70	16.968	2371	2377	2380	rVV2	173710	266020	8.34%	1.872%
71	17.010	2380	2384	2389	rVV	352474	473580	14.84%	3.332%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022330.D
Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

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-BM082219MA.M
Title : SVOA CALIBRATION

72	17.068	2389	2394	2397	rVV3	44765	74095	2.32%	0.521%
73	17.127	2397	2404	2407	rVV2	44880	107979	3.38%	0.760%
74	17.163	2407	2410	2418	rVV3	43588	92671	2.90%	0.652%
75	17.233	2418	2422	2426	rVV3	16735	23933	0.75%	0.168%
76	17.386	2439	2448	2455	rBV	327777	517929	16.23%	3.644%
77	17.462	2455	2461	2462	rBV3	18437	28491	0.89%	0.200%
78	17.492	2462	2466	2473	rVV2	43731	74233	2.33%	0.522%
79	17.557	2473	2477	2484	rVB	54951	80758	2.53%	0.568%
80	17.680	2496	2498	2503	rVB6	10712	17833	0.56%	0.125%
81	17.821	2516	2522	2527	rBV3	25932	48300	1.51%	0.340%
82	17.898	2531	2535	2540	rVV2	55115	85238	2.67%	0.600%
83	17.986	2546	2550	2555	rVB	34406	45485	1.43%	0.320%
84	18.039	2555	2559	2568	rVB4	22302	42892	1.34%	0.302%
85	18.145	2572	2577	2586	rBV4	64226	139849	4.38%	0.984%
86	18.257	2592	2596	2600	rBV4	10153	20226	0.63%	0.142%
87	18.298	2600	2603	2610	rVV4	16900	30496	0.96%	0.215%
88	18.427	2618	2625	2633	rVV10	17112	40060	1.26%	0.282%
89	18.833	2690	2694	2702	rVV	64294	97853	3.07%	0.688%
90	19.039	2721	2729	2734	rVB2	47846	87416	2.74%	0.615%
91	19.151	2743	2748	2755	rBV2	41782	69874	2.19%	0.492%
92	19.374	2782	2786	2789	rBV	47215	68007	2.13%	0.478%
93	19.404	2789	2791	2795	rVV	23381	25893	0.81%	0.182%
94	19.751	2846	2850	2855	rBV2	26029	34201	1.07%	0.241%
95	19.804	2855	2859	2862	rVV	14321	19155	0.60%	0.135%
96	19.839	2862	2865	2869	rVV4	14617	20048	0.63%	0.141%
97	19.892	2870	2874	2882	rVB	87737	125170	3.92%	0.881%
98	20.533	2979	2983	2992	rVB	76801	132102	4.14%	0.929%
99	21.180	3088	3093	3098	rBV	208605	265357	8.32%	1.867%
100	23.374	3461	3466	3474	rVB	108005	195920	6.14%	1.378%

Sum of corrected areas: 14212689

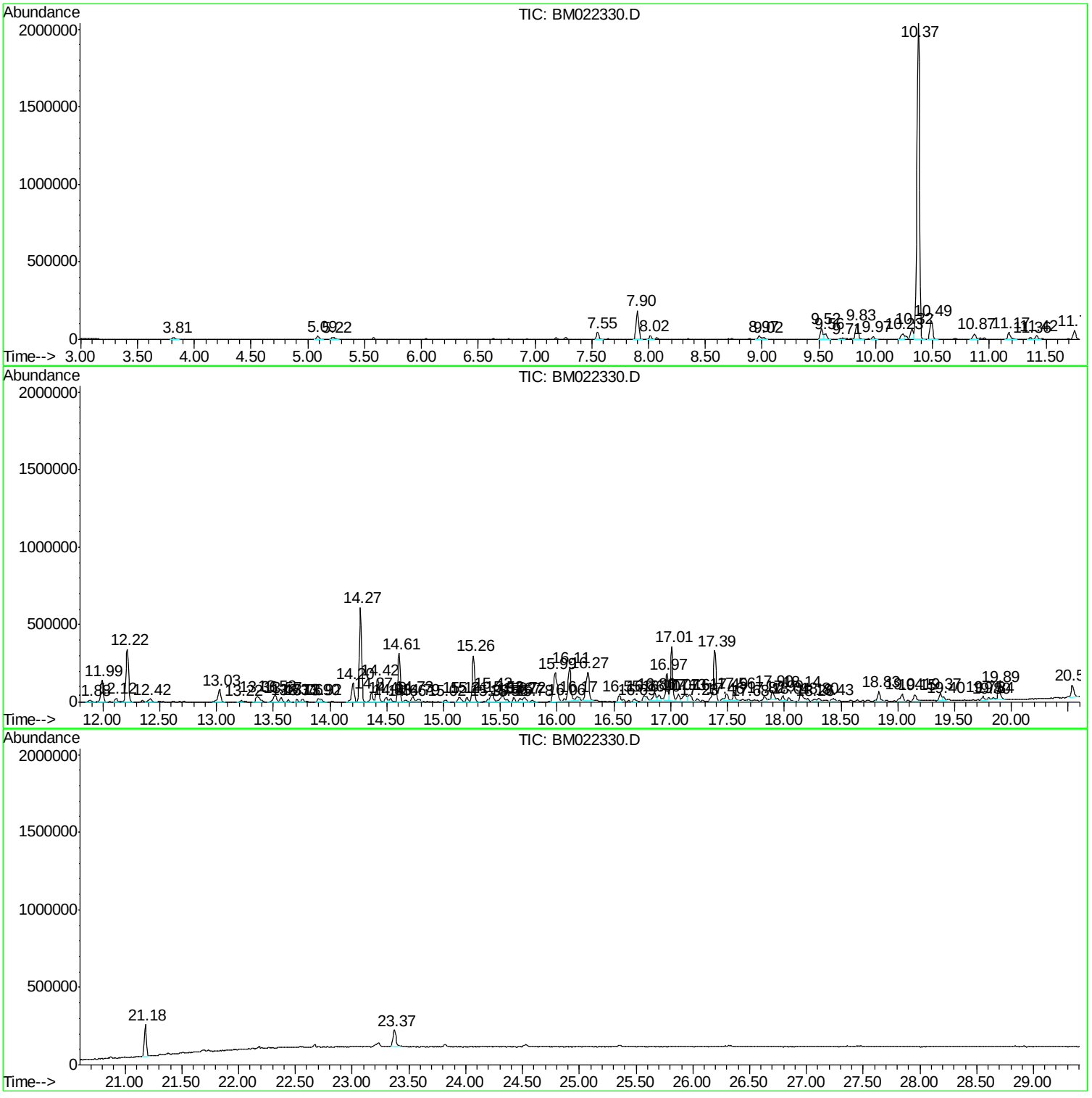
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022330.D
Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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\BM082619\
Data File : BM022330.D
Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

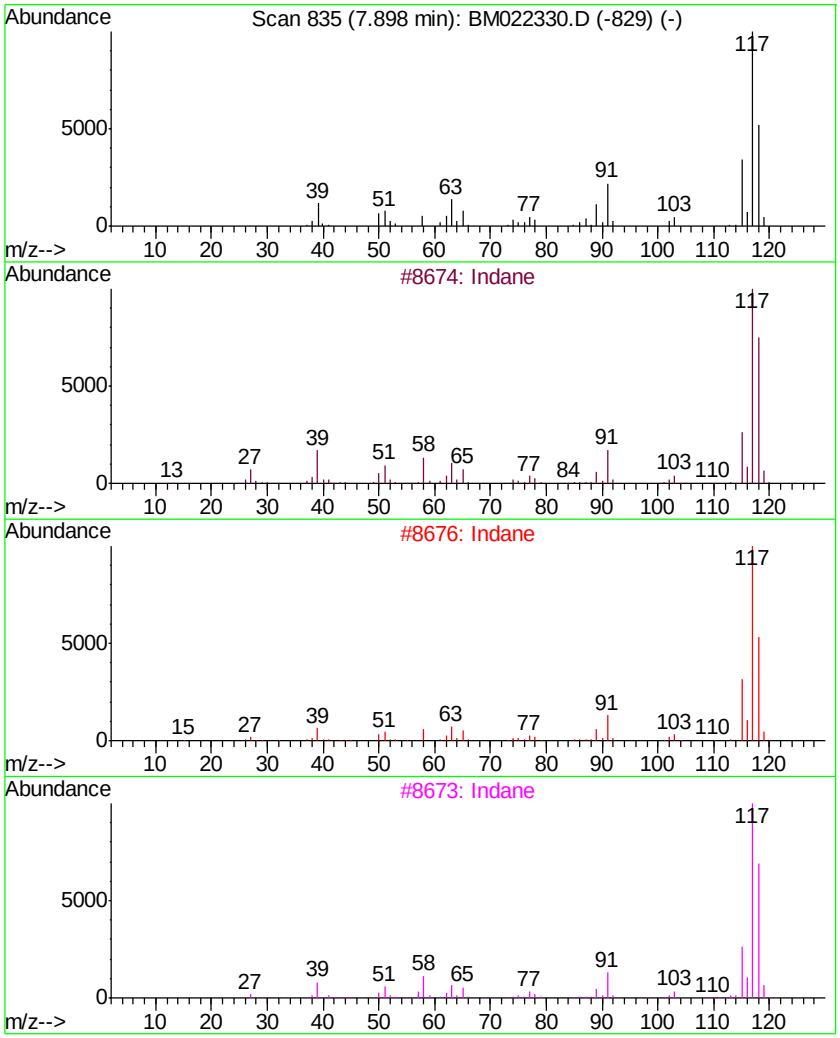
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

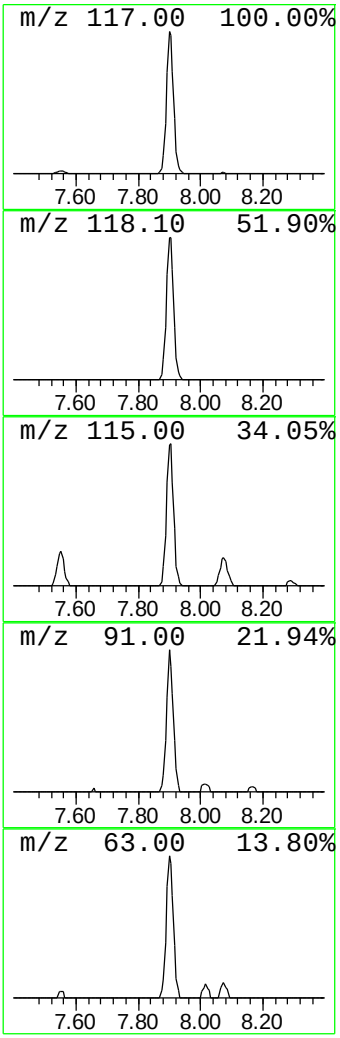
****

Peak Number 4 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	86.00 ng/ul	295624	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	81
3	Indane	118	C9H10	000496-11-7	76
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
5	Deltacyclene	118	C9H10	007785-10-6	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022330.D
Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

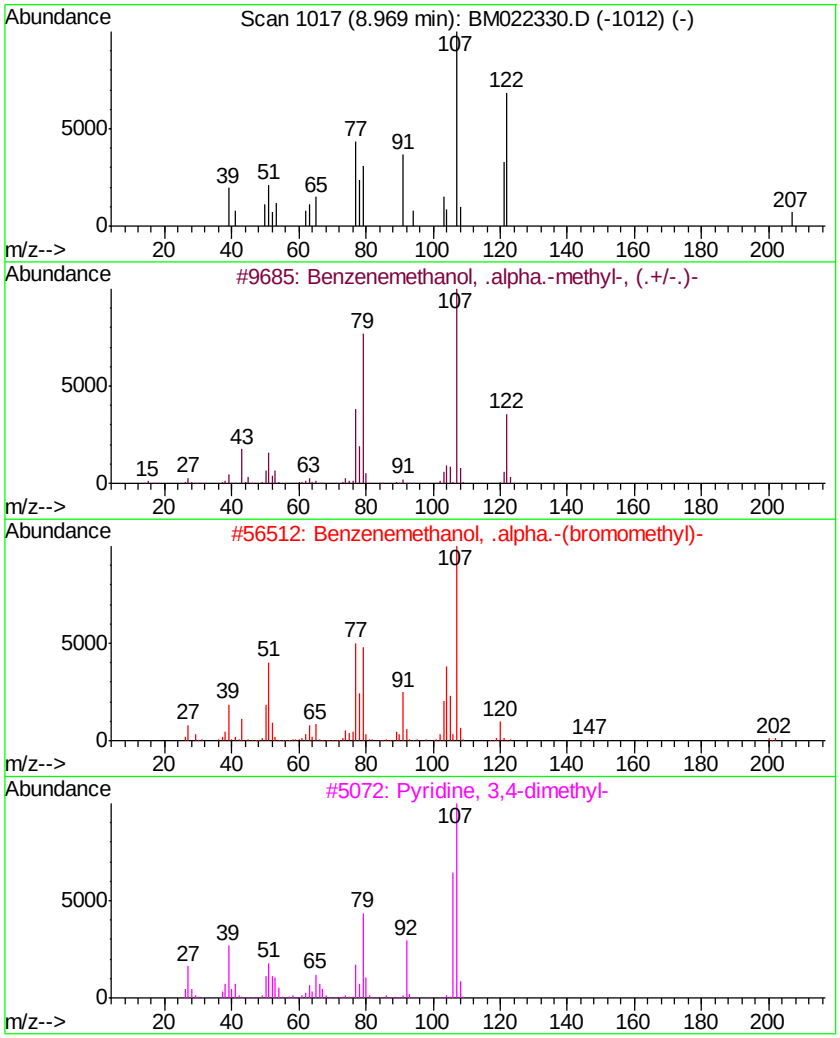
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

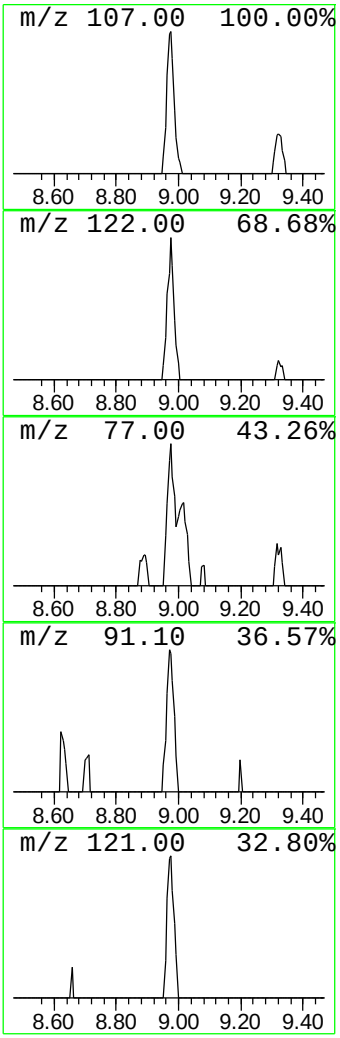
****

Peak Number 5 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	8.40 ng/ul	41989	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	013323-81-4	42
2	Benzenemethanol, .alpha.-(bromom...	200	C8H9BrO	002425-28-7	38
3	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	35
4	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001445-91-6	33
5	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022330.D
Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

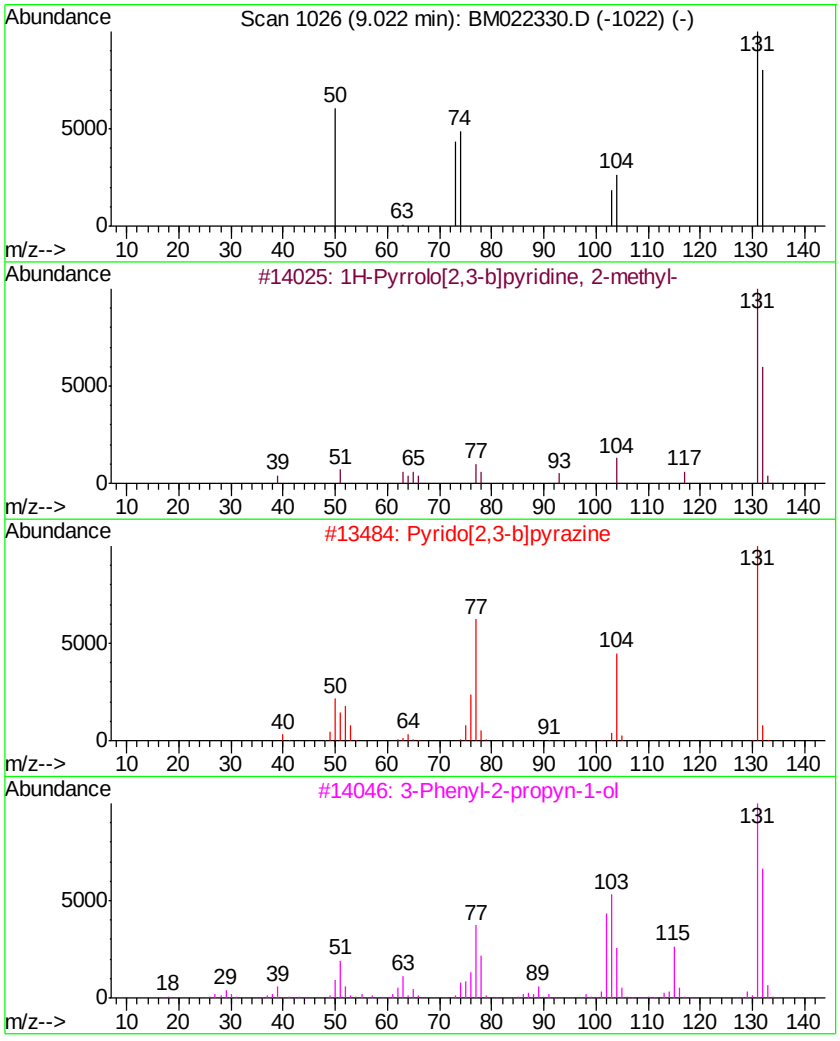
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

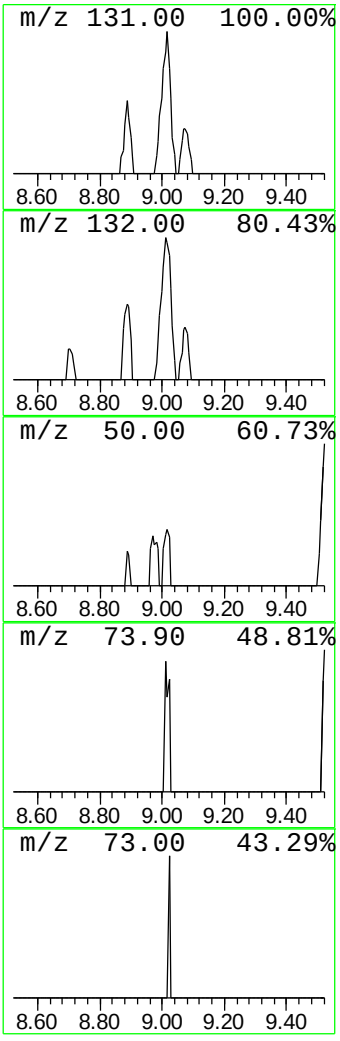
****

Peak Number 6 unknown-02 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	4.29 ng/ul	21414	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrolo[2,3-b]pyridine, 2-met...	132	C8H8N2	023612-48-8	35
2	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	33
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	32
4	Pyrido[2,3-d]pyrimidine	131	C7H5N3	000254-61-5	28
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022330.D
Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

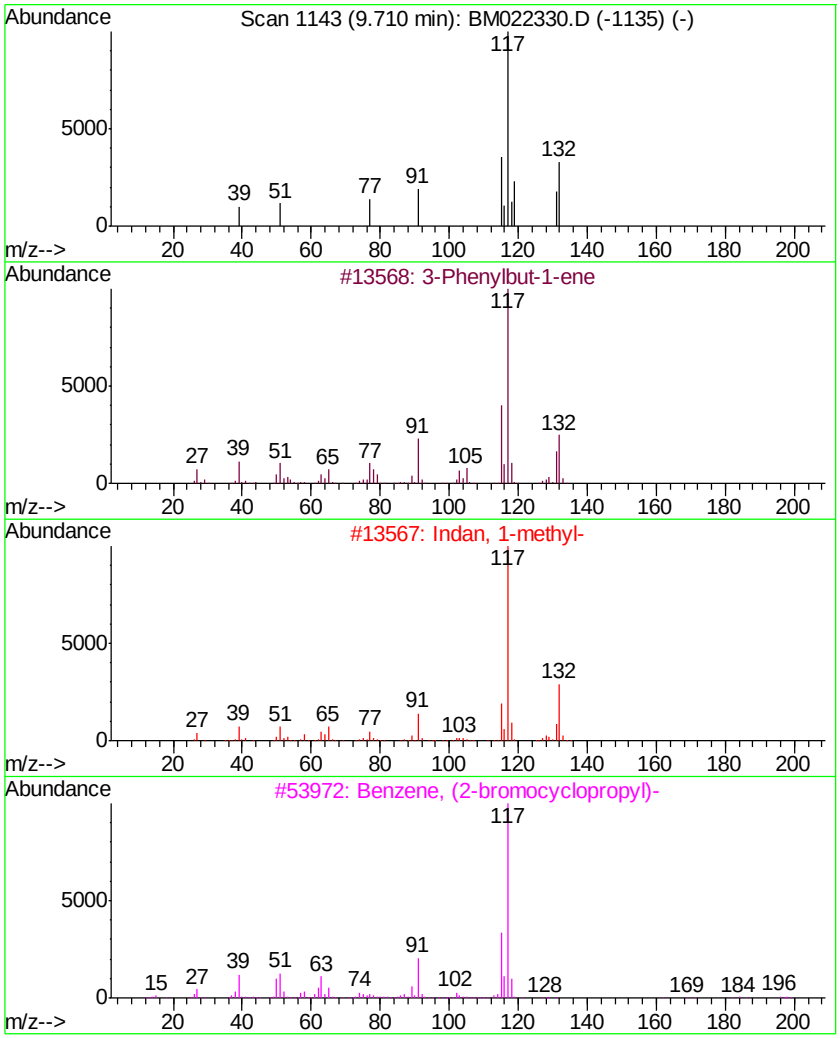
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

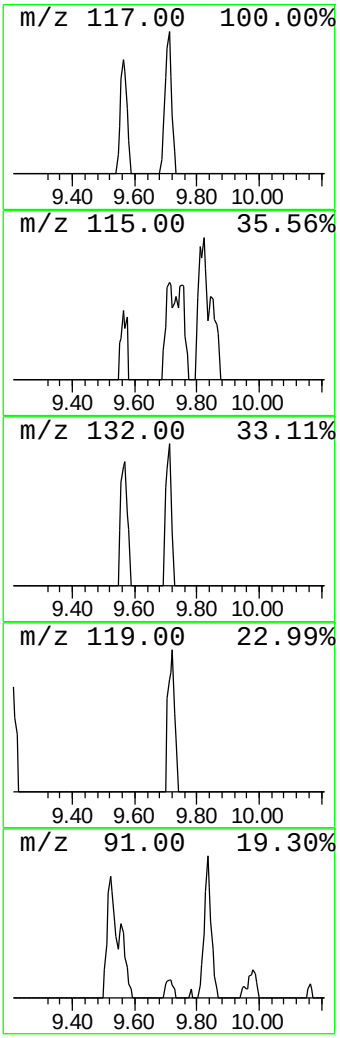
****

Peak Number 7 3-Phenylbut-1-ene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	4.21 ng/ul	21058	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
2	Indan, 1-methyl-	132	C10H12	000767-58-8	80
3	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	53
4	Indan, 1-methyl-	132	C10H12	000767-58-8	50
5	5H-1-Pyrindine	117	C8H7N	000270-91-7	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022330.D
Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

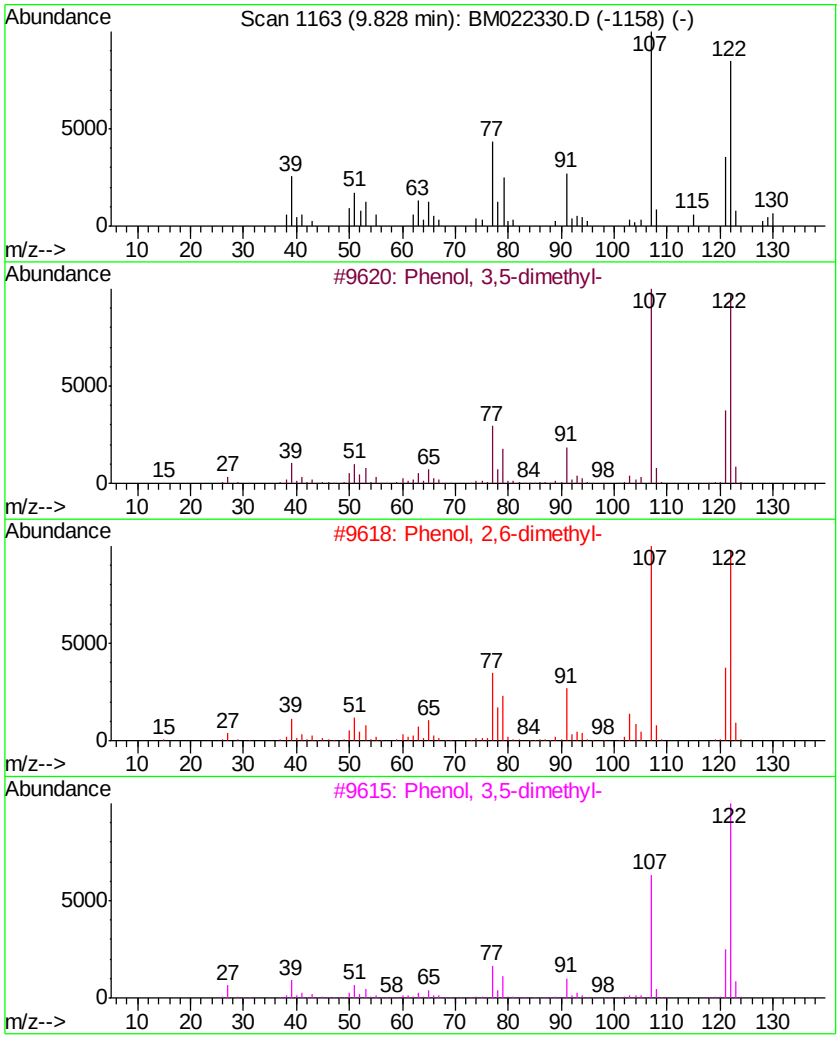
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

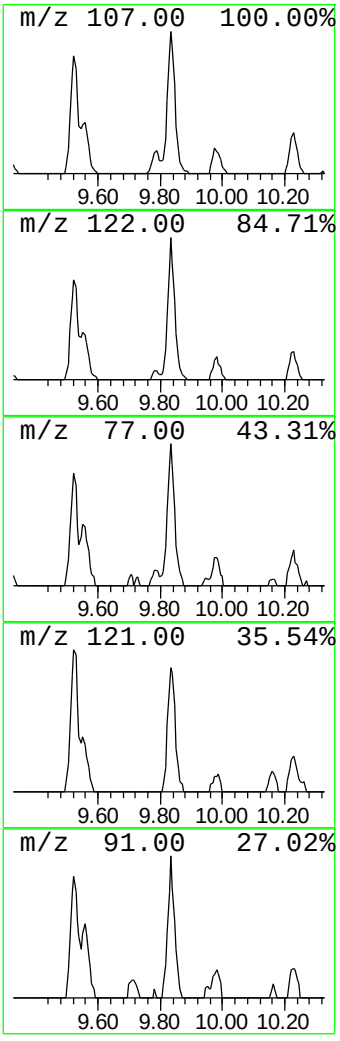
****

Peak Number 8 Phenol, 3,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	33.12 ng/ul	165479	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	94





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Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

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Quant Title : SVOA CALIBRATION

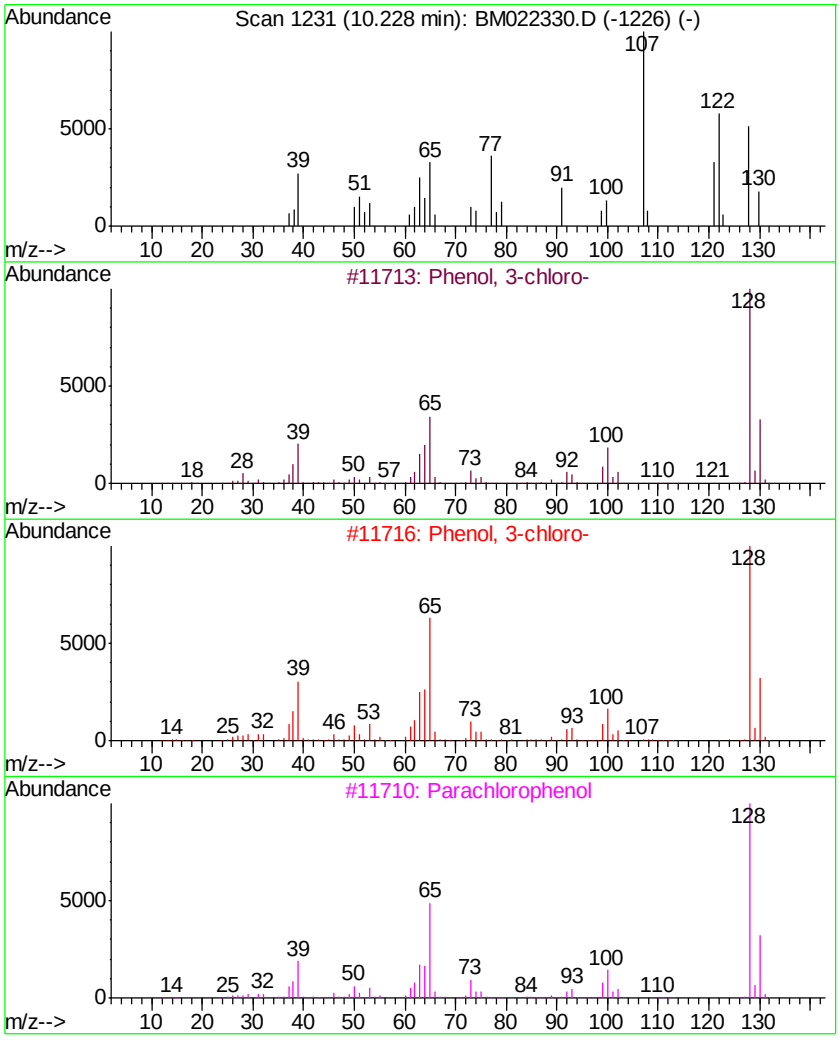
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

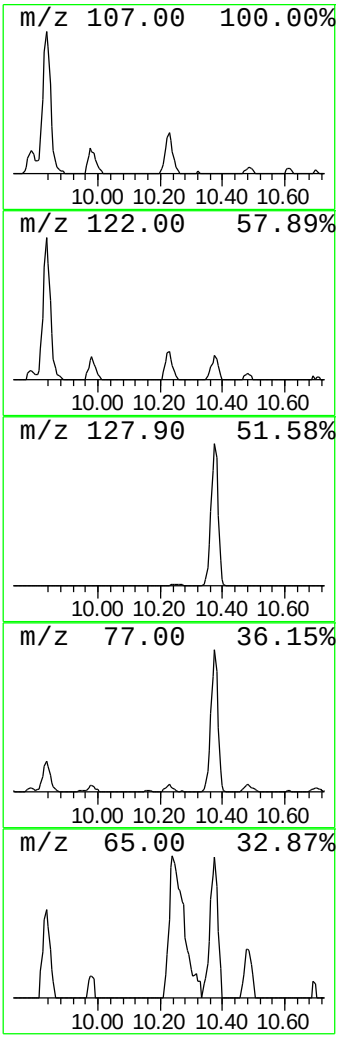
****

Peak Number 9 Phenol, 3-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	15.19 ng/ul	75894	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	64
2	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	64
3	Parachlorophenol	128	C6H5ClO	000106-48-9	64
4	Parachlorophenol	128	C6H5ClO	000106-48-9	60
5	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	46





Library Search Compound Report

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Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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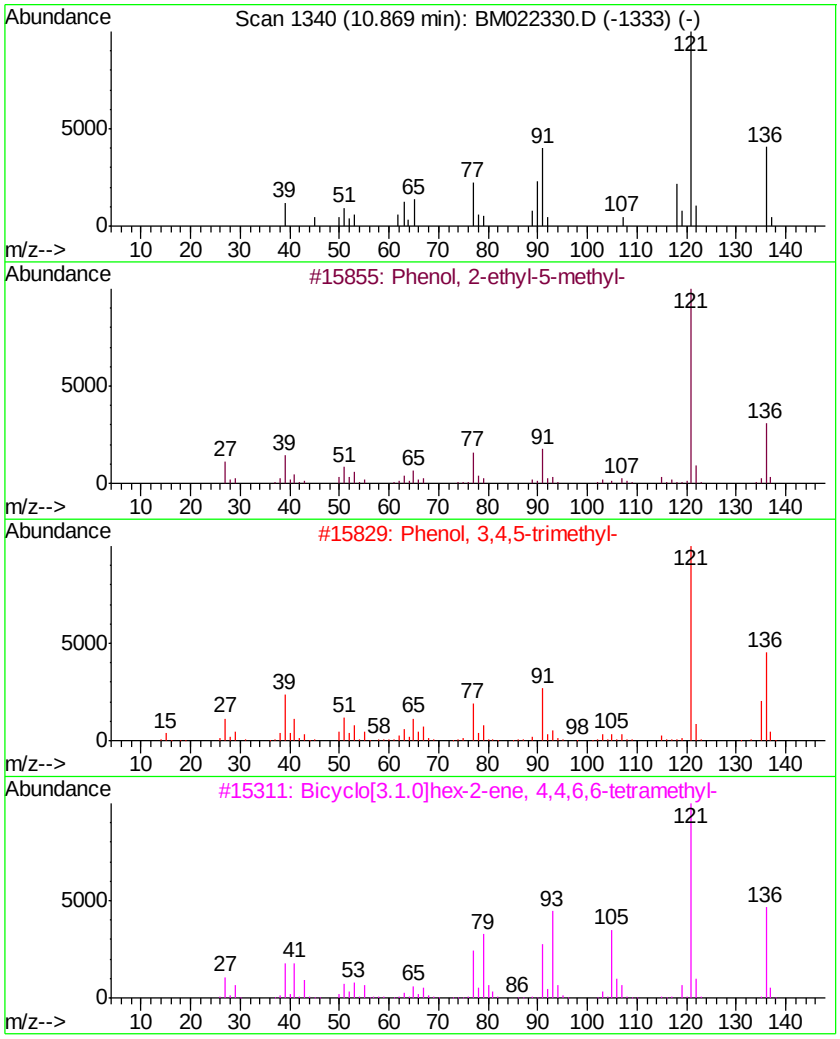
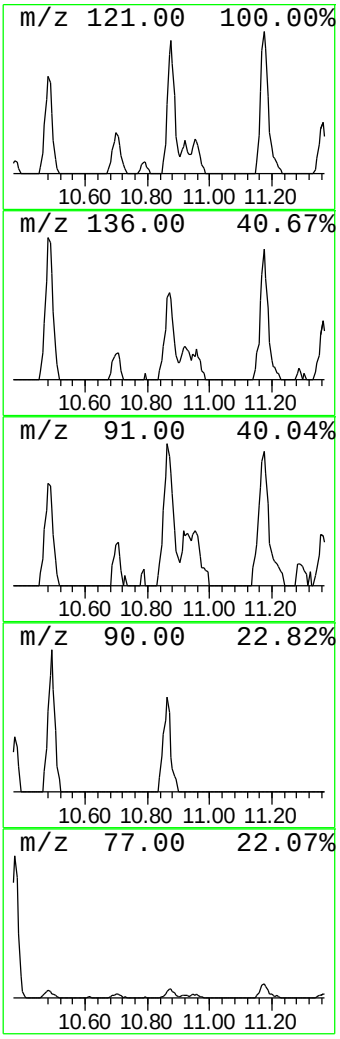
Peak Number 10 Phenol, 2-ethyl-5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	14.12 ng/ul	70551	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	72
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	72
3	Bicyclo[3.1.0]hex-2-ene, 4,4,6,6...	136	C10H16	019487-09-3	72
4	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	64
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	64





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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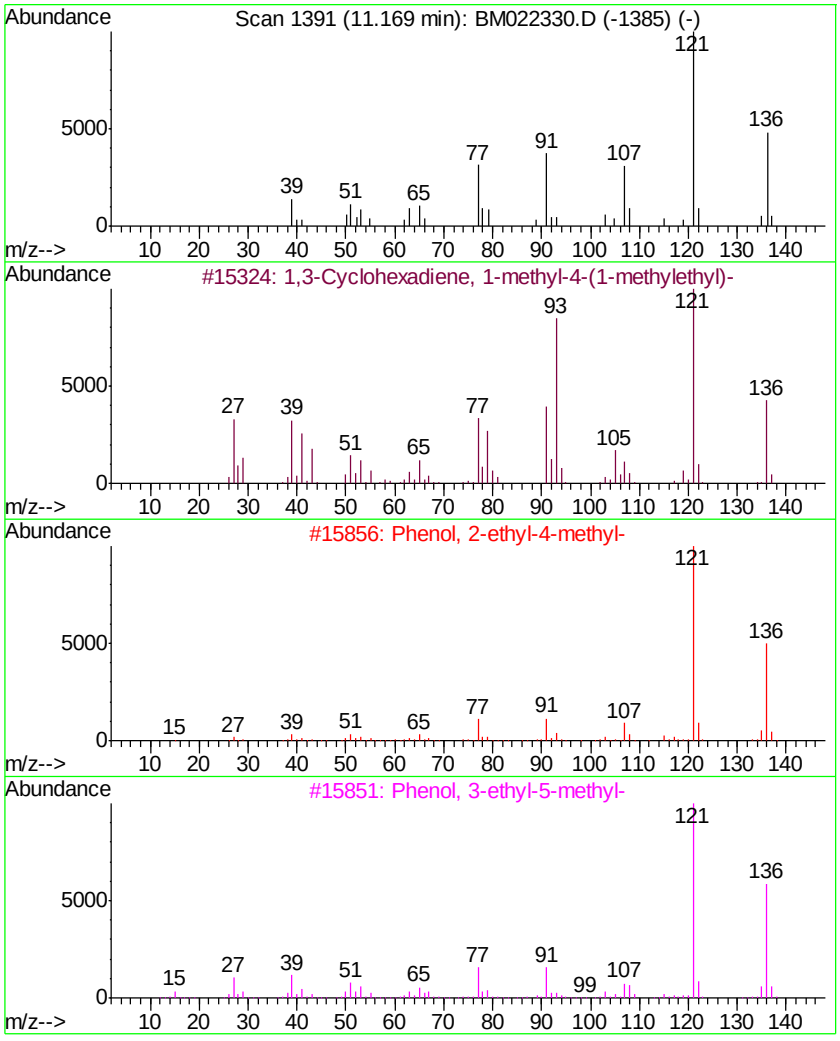
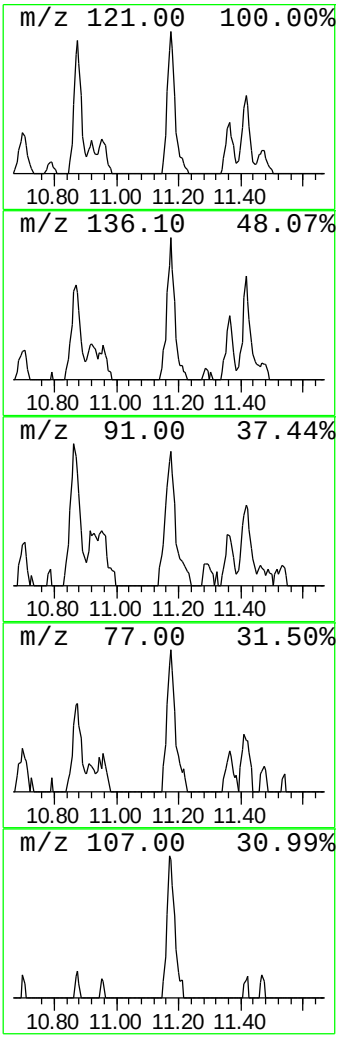
Peak Number 11 1,3-Cyclohexadiene, 1-methy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	16.20 ng/ul	80936	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	86
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	81
3	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	80
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	76
5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	74





Library Search Compound Report

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Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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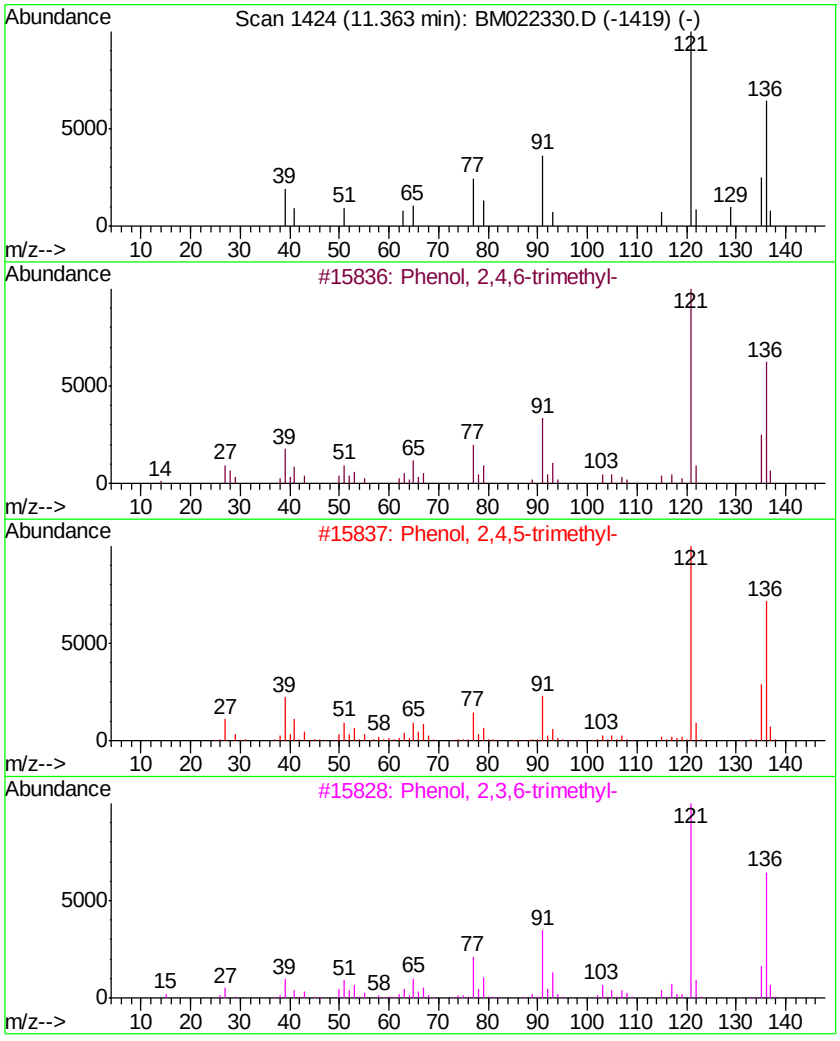
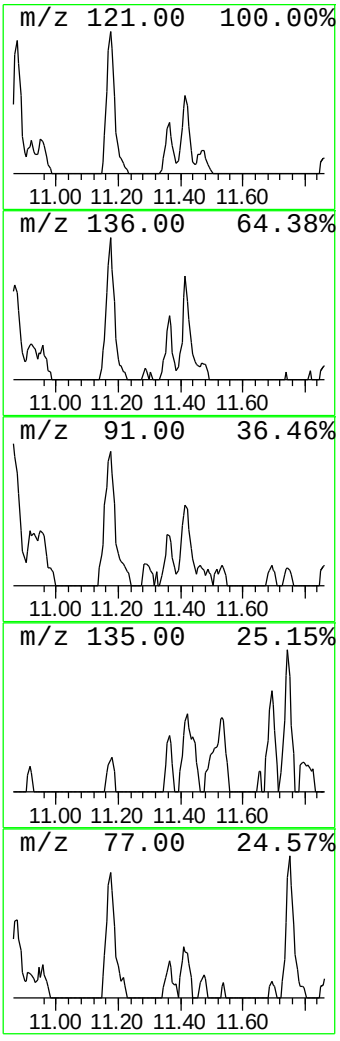
Peak Number 12 Phenol, 2,4,5-trimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	4.13 ng/ul	20622	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
2	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	80
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	80
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	72
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	72





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Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

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Quant Title : SVOA CALIBRATION

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

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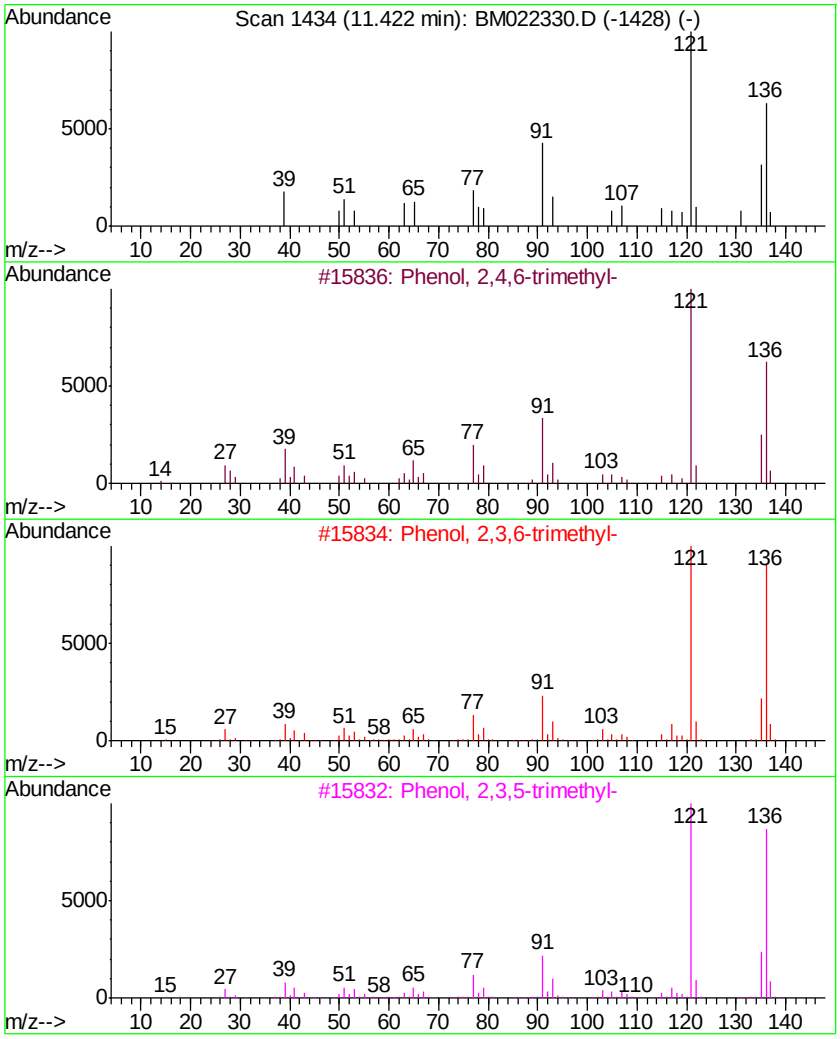
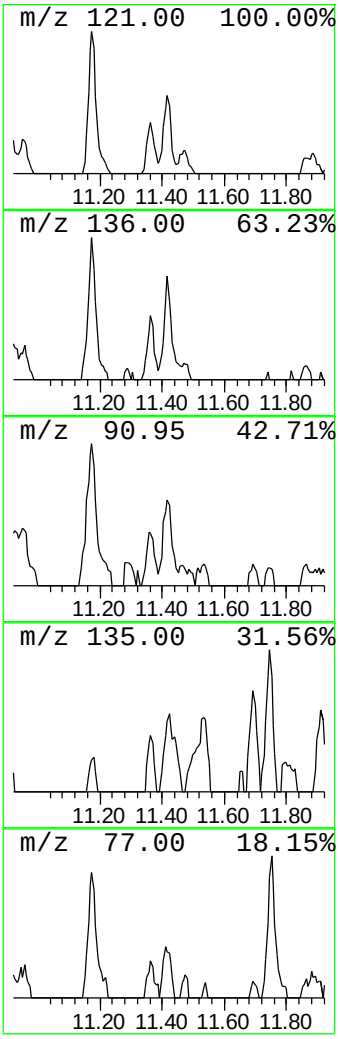
Peak Number 13 Phenol, 2,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	8.55 ng/ul	42727	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	87
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	87
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	87
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	87





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Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

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Quant Title : SVOA CALIBRATION

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

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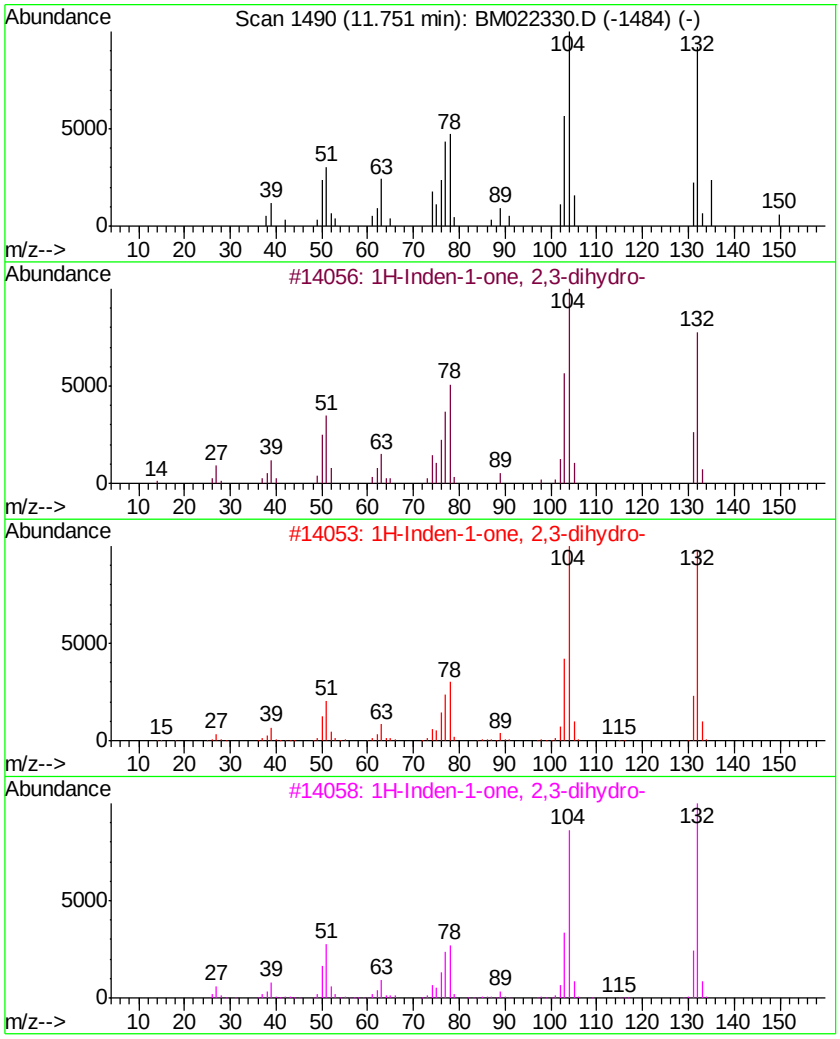
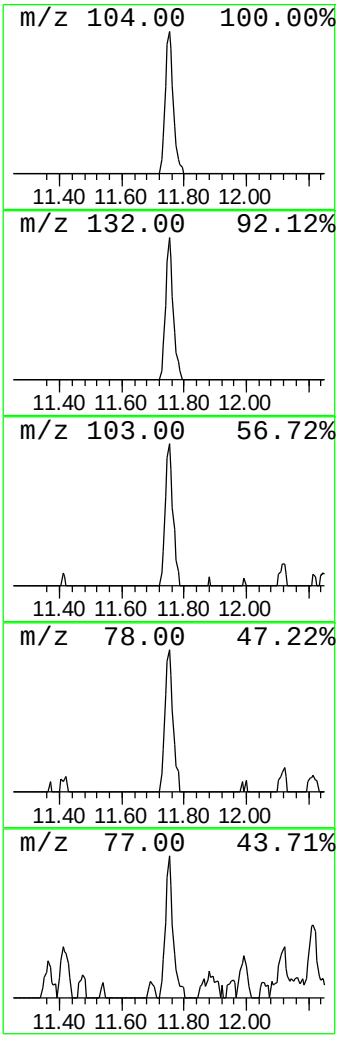
Peak Number 14 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	19.59 ng/ul	97849	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	98
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	87
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	81
4	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	59
5	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	59





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Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

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Quant Title : SVOA CALIBRATION

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

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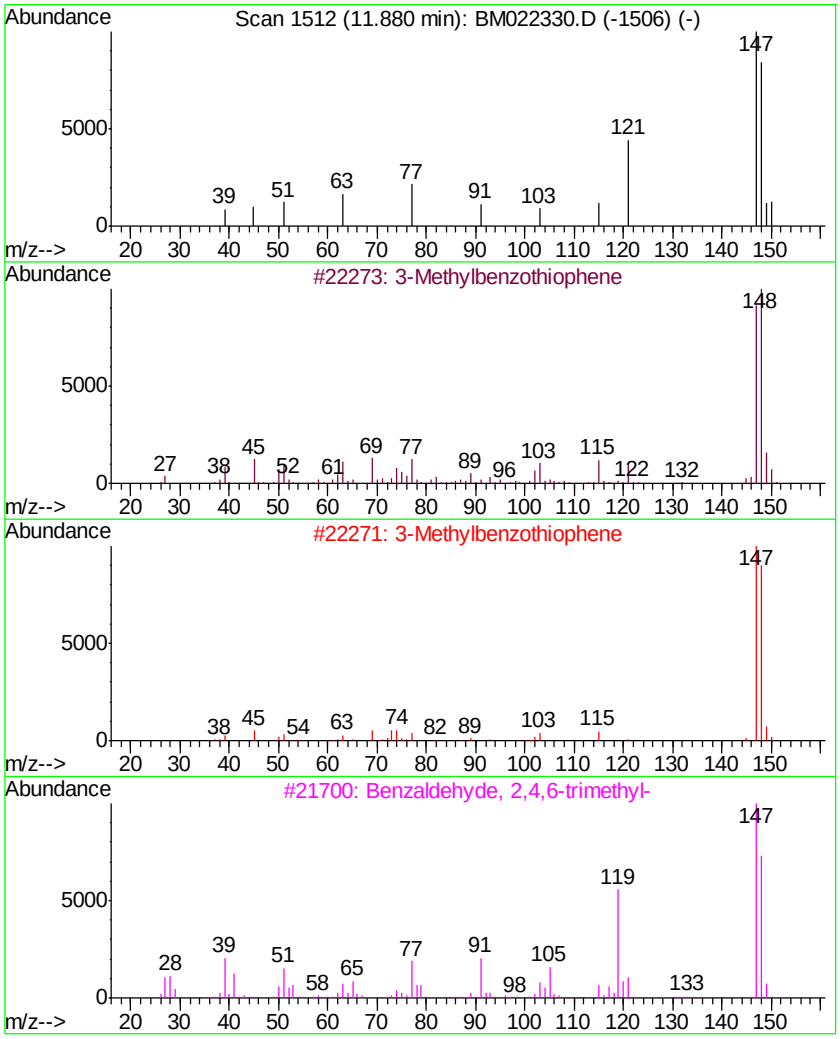
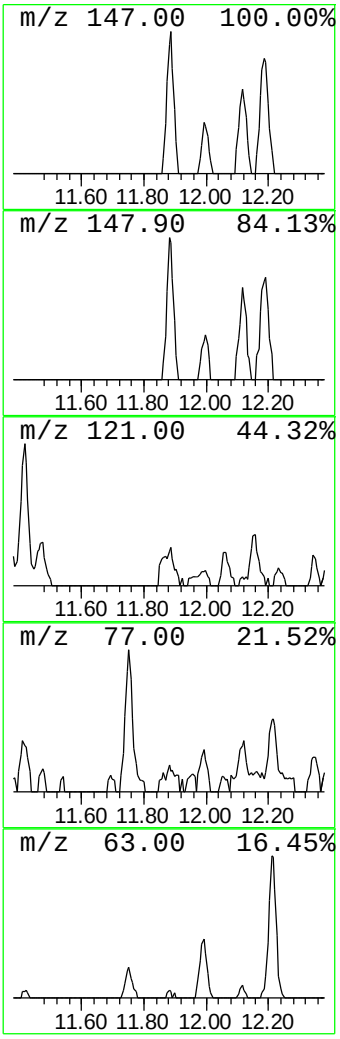
Peak Number 15 3-Methylbenzothiophene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	5.31 ng/ul	26549	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	86
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	80
3	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	80
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	80
5	Benzaldehyde, 2,4,5-trimethyl-	148	C10H12O	005779-72-6	72





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Misc :
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Instrument : BNA_M
ClientSampleId : C0AB2DL

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Quant Title : SVOA CALIBRATION

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

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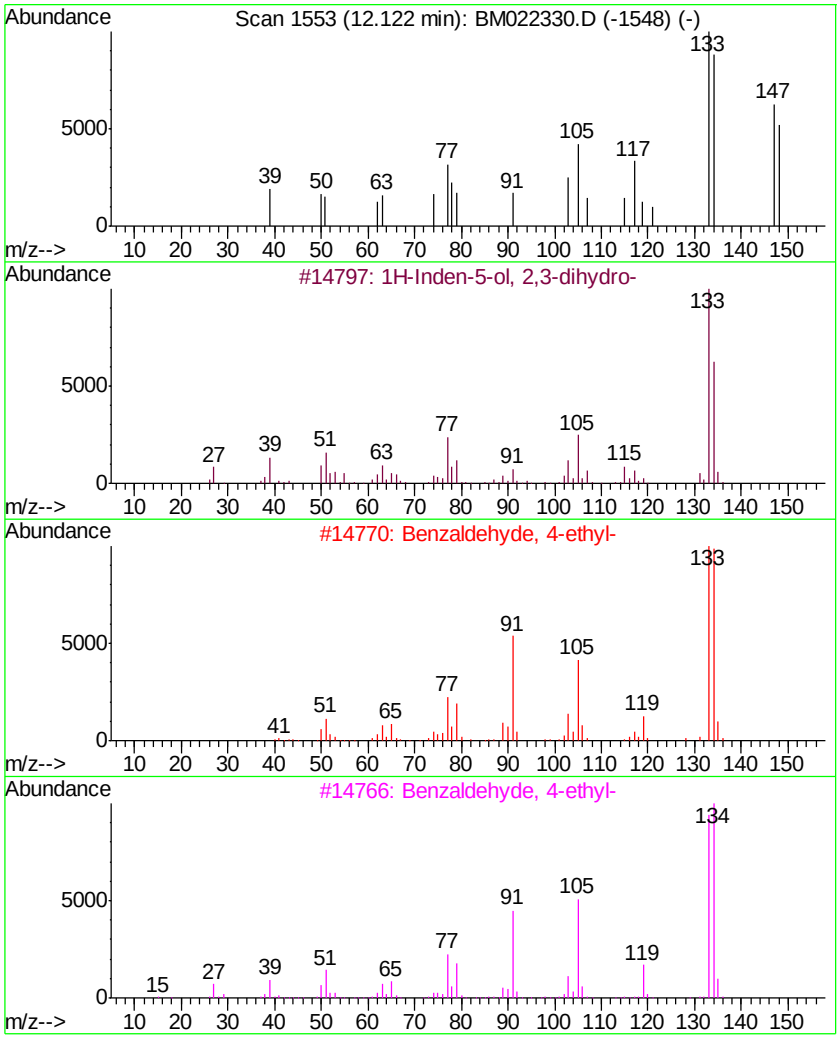
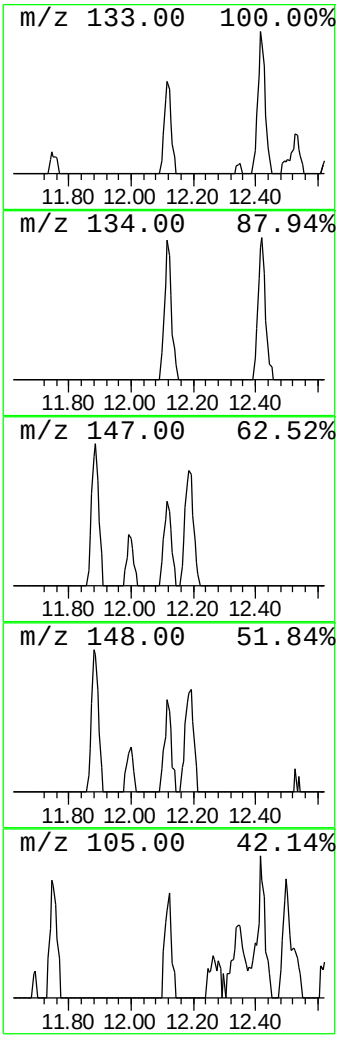
Peak Number 16 unknown-03 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	7.00 ng/ul	34985	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	49
2	Benzaldehyde, 4-ethyl-	134	C9H10O	004748-78-1	43
3	Benzaldehyde, 4-ethyl-	134	C9H10O	004748-78-1	43
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	38
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	38





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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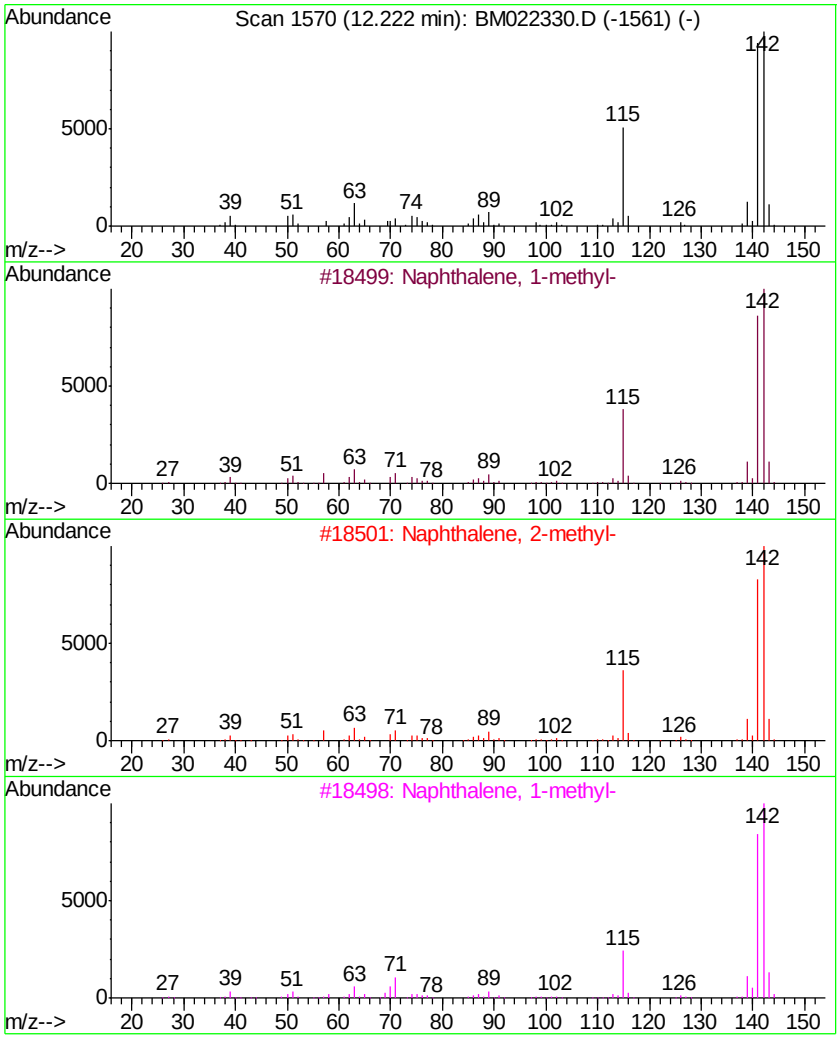
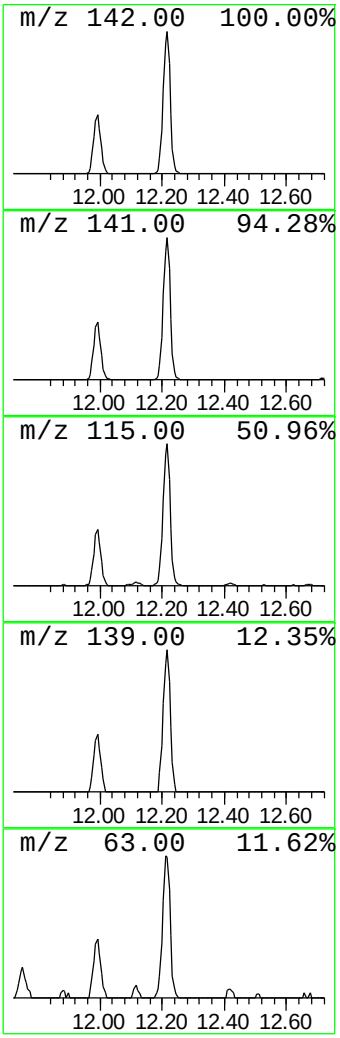
Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	108.69 ng/ul	543011	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

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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 1H-Inden-5-ol, 2,3-dihydro- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.94 ng/ul	49145	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	94
2	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	86
3	1H-Indenol, 2,3-dihydro-	134	C9H10O	036643-74-0	80
4	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	72
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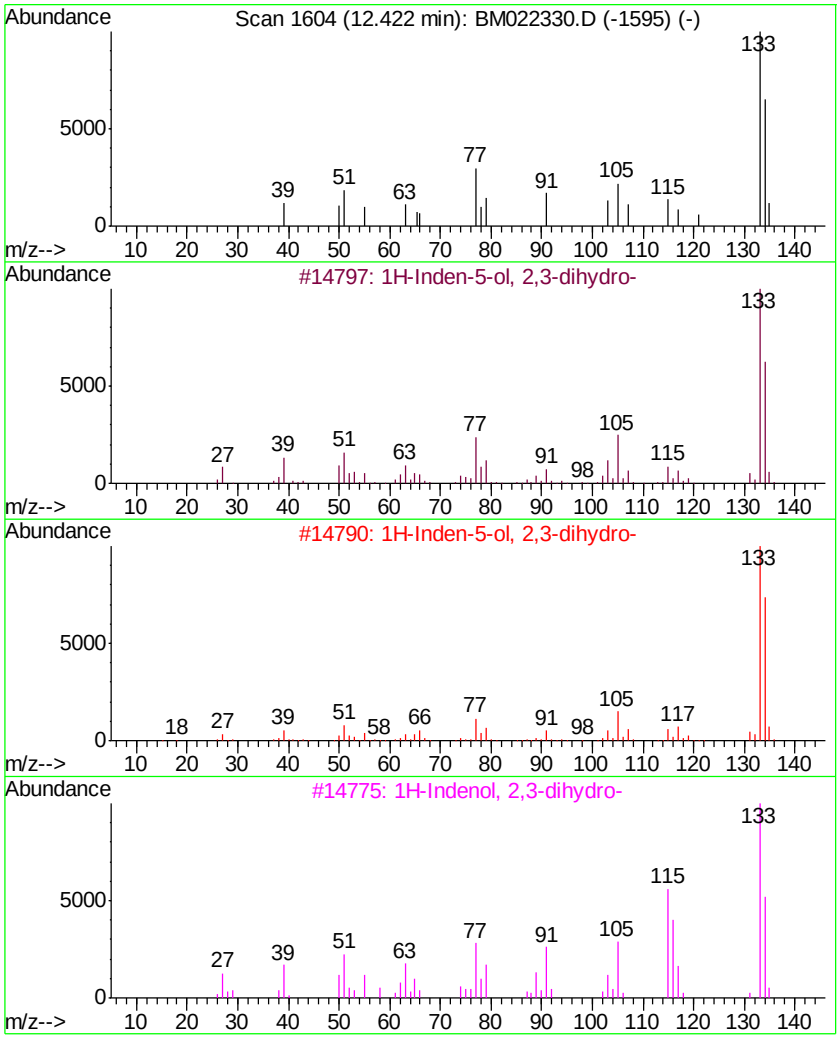

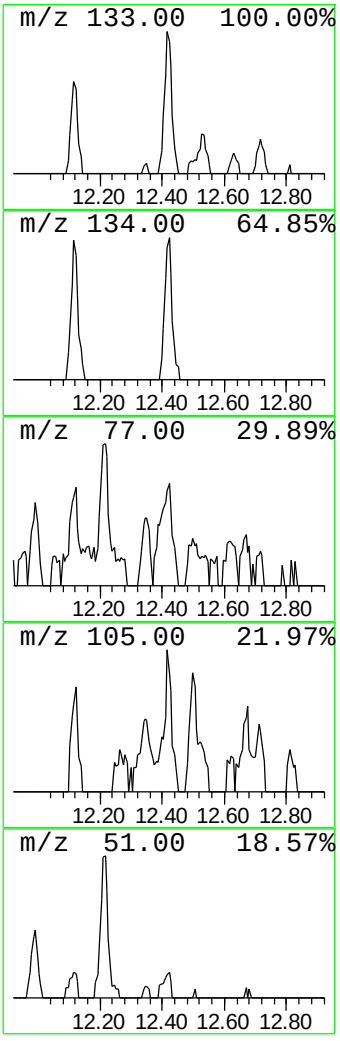

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Quant Title : SVOA CALIBRATION

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

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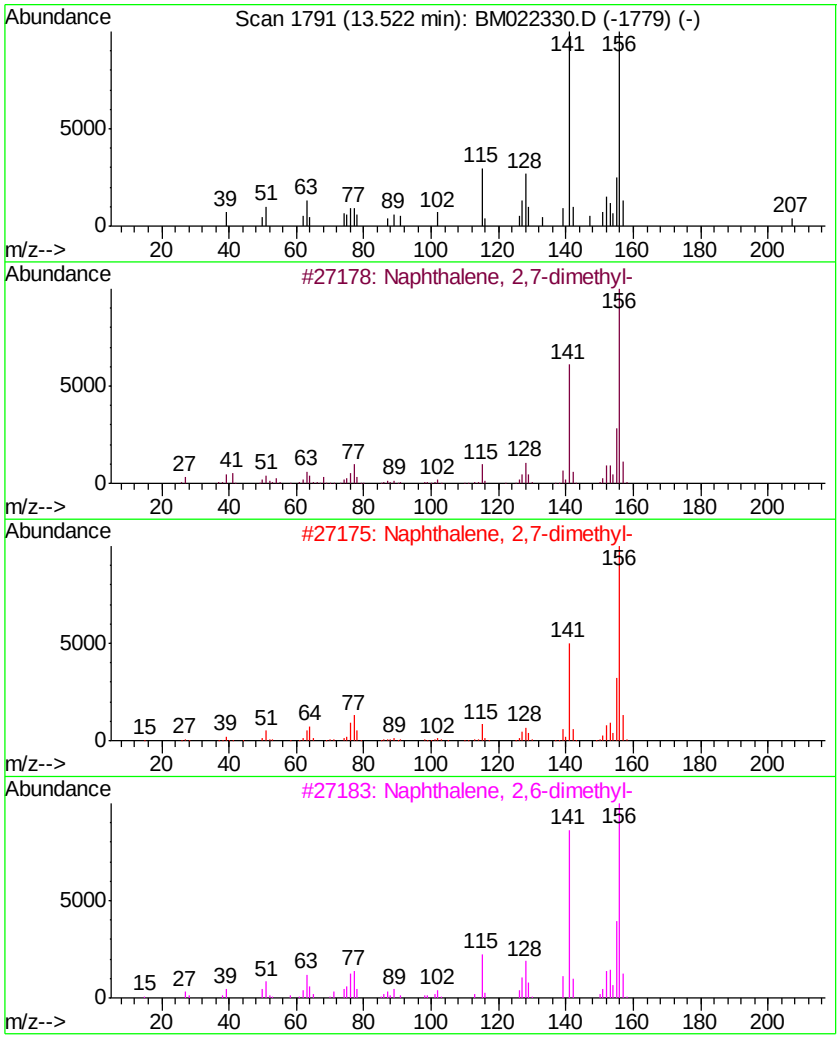
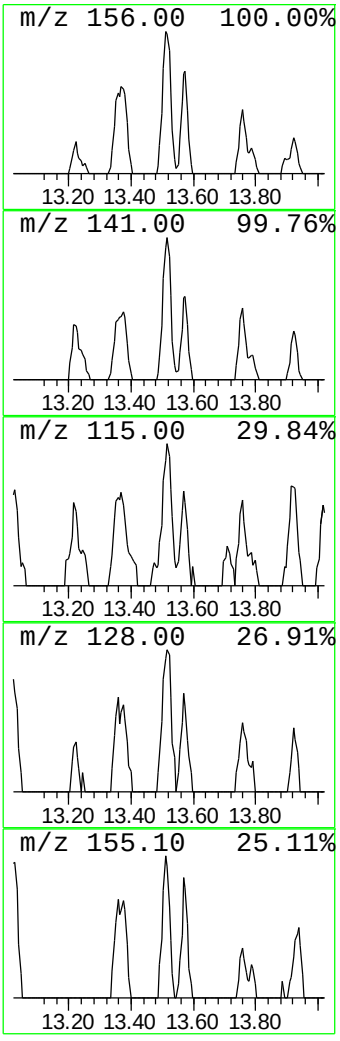
Peak Number 20 Naphthalene, 1,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	10.43 ng/ul	103773	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022330.D
Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

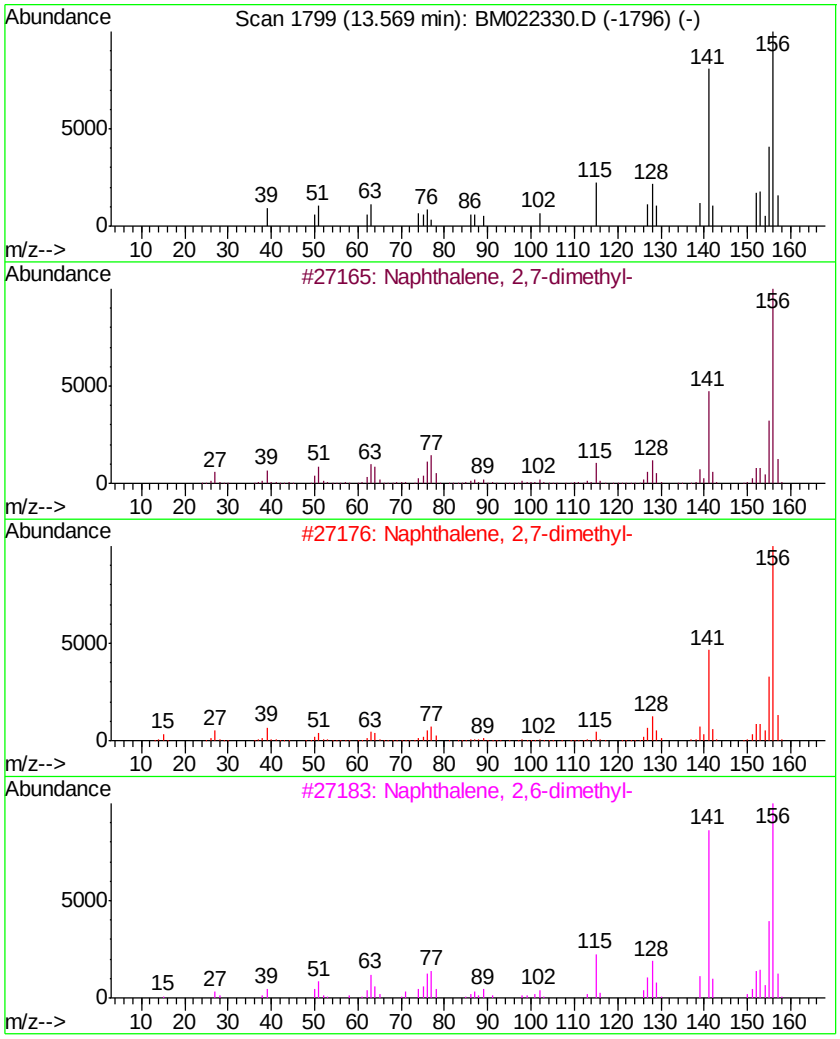
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

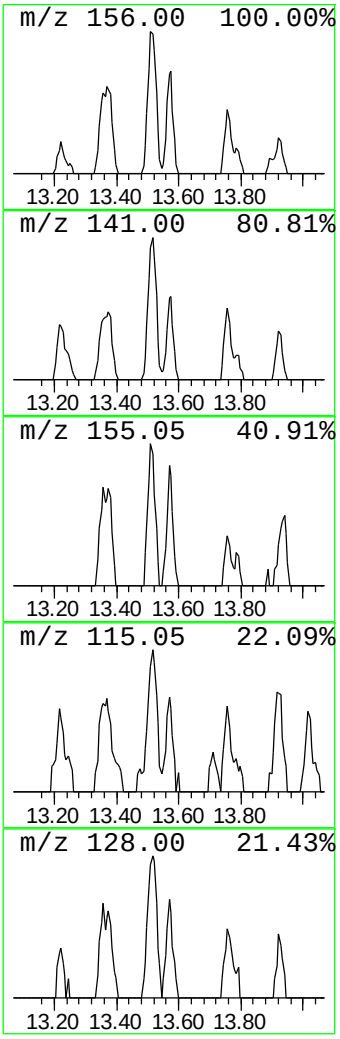
****

Peak Number 21 Naphthalene, 2,7-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	4.59 ng/ul	45680	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93





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Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

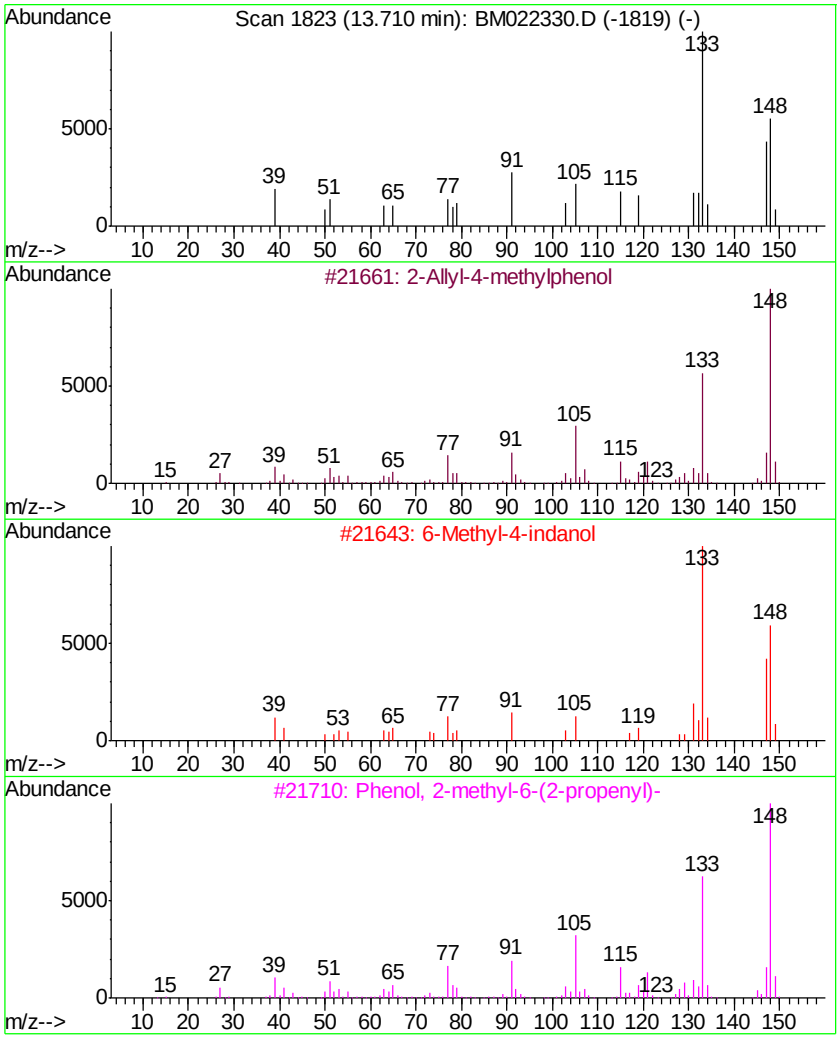
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

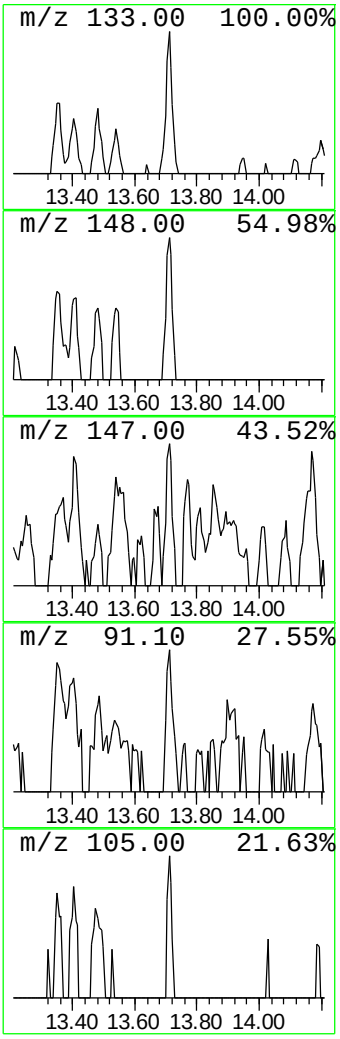
****

Peak Number 22 2-Allyl-4-methylphenol Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	2.36 ng/ul	23509	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Allyl-4-methylphenol	148	C10H12O	006628-06-4	87
2	6-Methyl-4-indanol	148	C10H12O	020294-32-0	86
3	Phenol, 2-methyl-6-(2-propenyl)-	148	C10H12O	003354-58-3	81
4	Pyrazine, 2,5-dimethyl-3-(1-prop...	148	C9H12N2	055138-77-7	64
5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	62





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Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

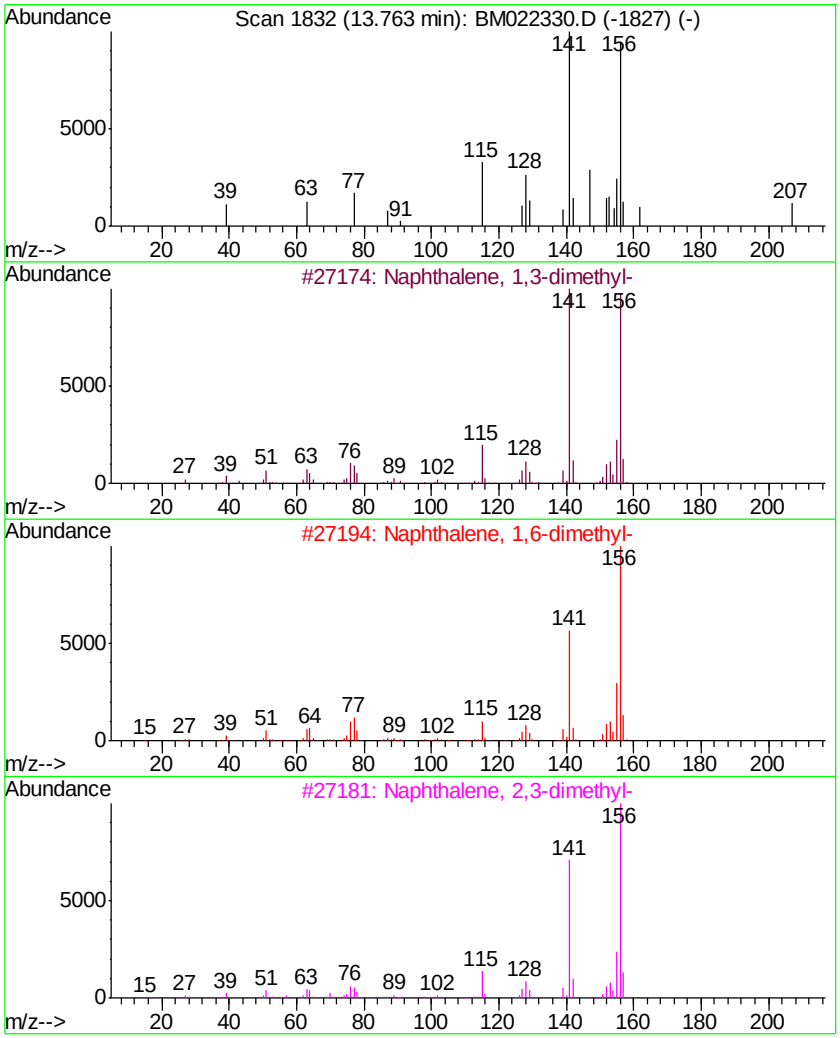
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

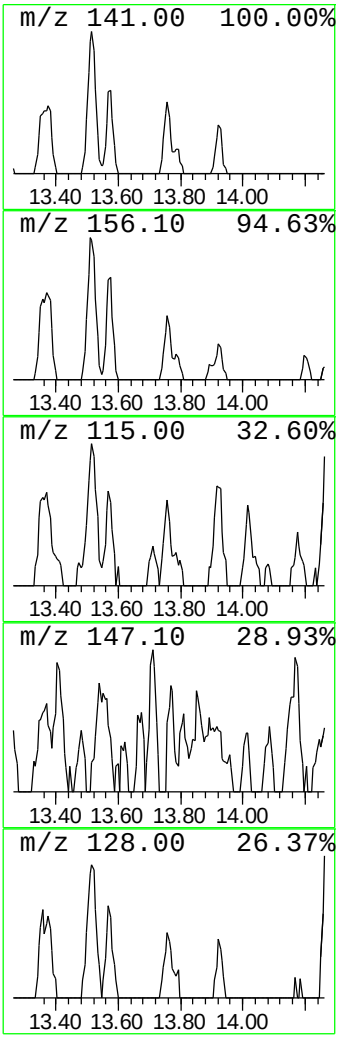
****

Peak Number 23 Naphthalene, 1,3-dimethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.00 ng/ul	29823	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90





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Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

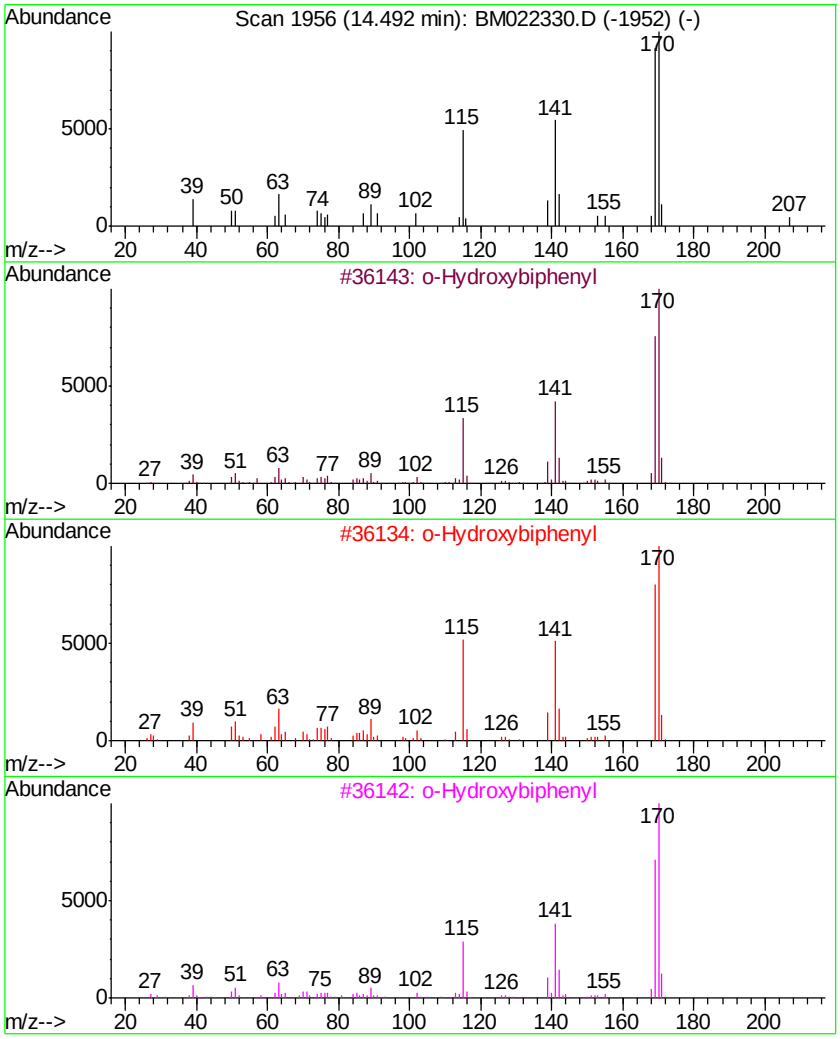
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

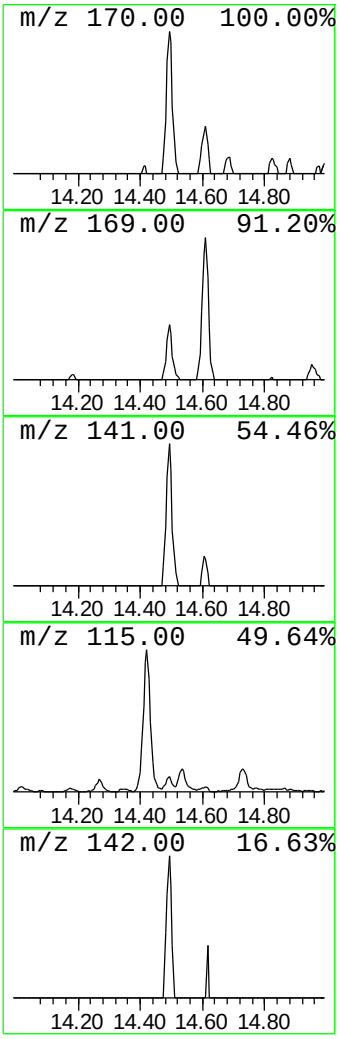
****

Peak Number 24 o-Hydroxybiphenyl Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	4.55 ng/ul	45244	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	91
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	91
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	91
4	1-Acenaphthenol	170	C12H10O	006306-07-6	72
5	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	70





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Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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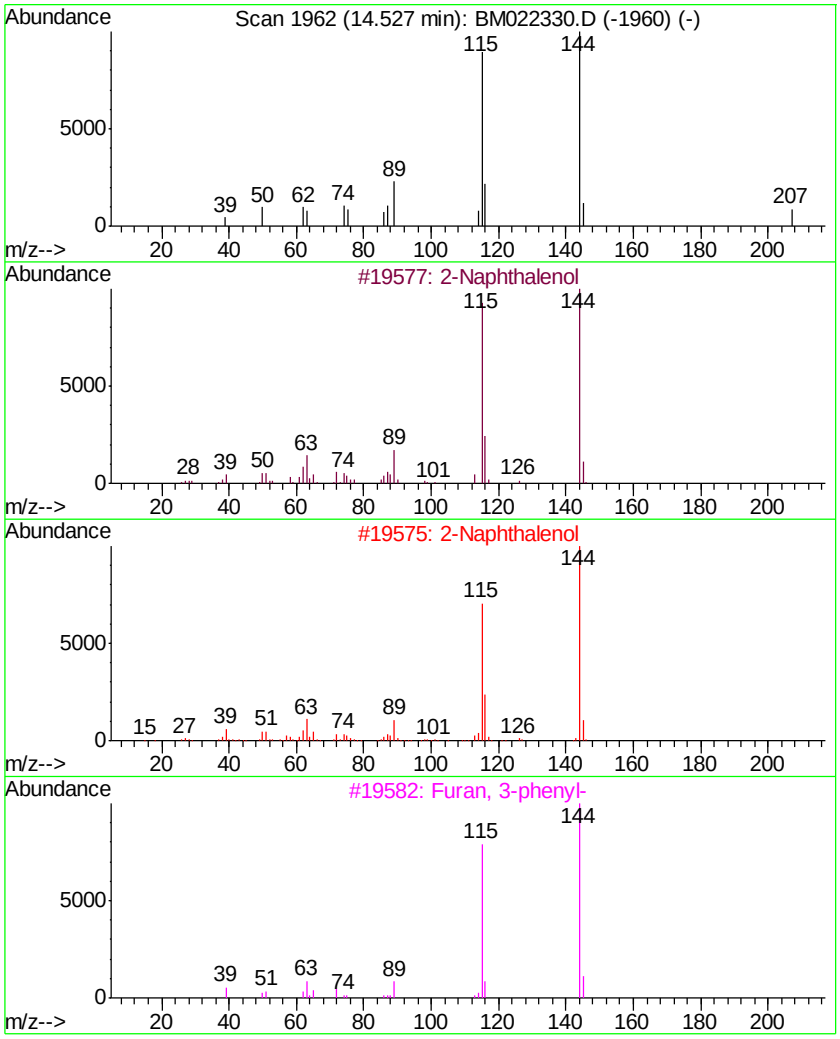
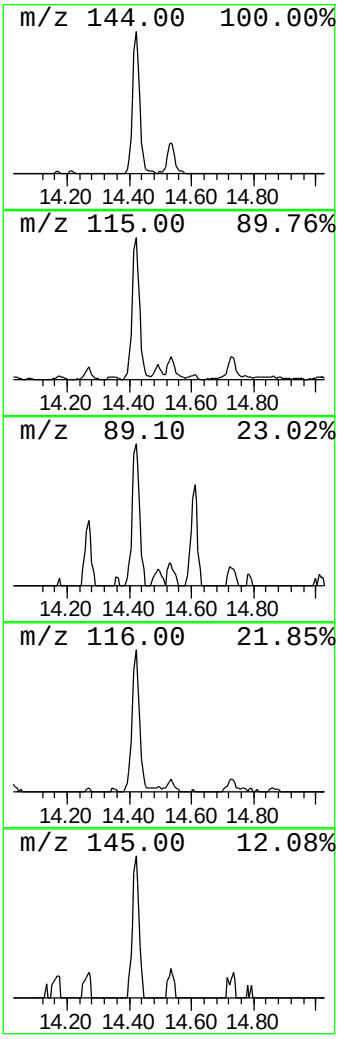
Peak Number 25 2-Naphthalenol Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	3.08 ng/ul	30651	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol	144	C10H8O	000135-19-3	91
2	2-Naphthalenol	144	C10H8O	000135-19-3	78
3	Furan, 3-phenyl-	144	C10H8O	013679-41-9	53
4	1-Naphthalenol	144	C10H8O	000090-15-3	50
5	Malononitrile, furfurylidene-	144	C8H4N2O	003237-22-7	50





Library Search Compound Report

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Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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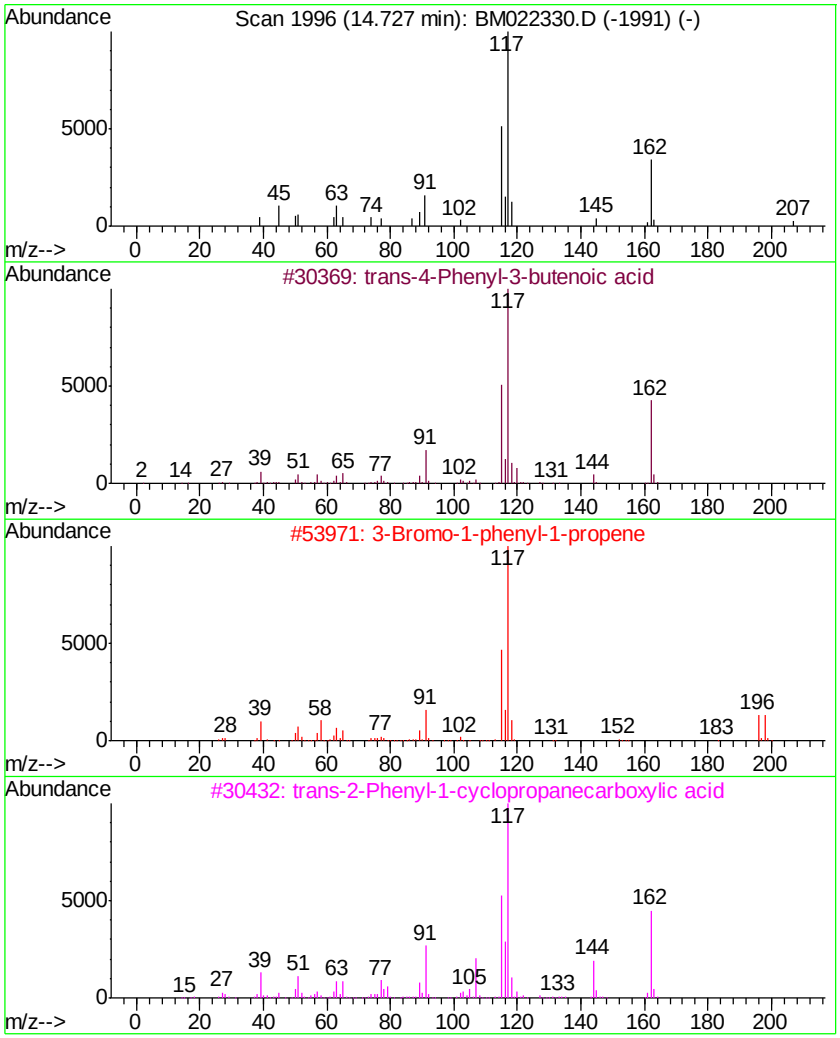
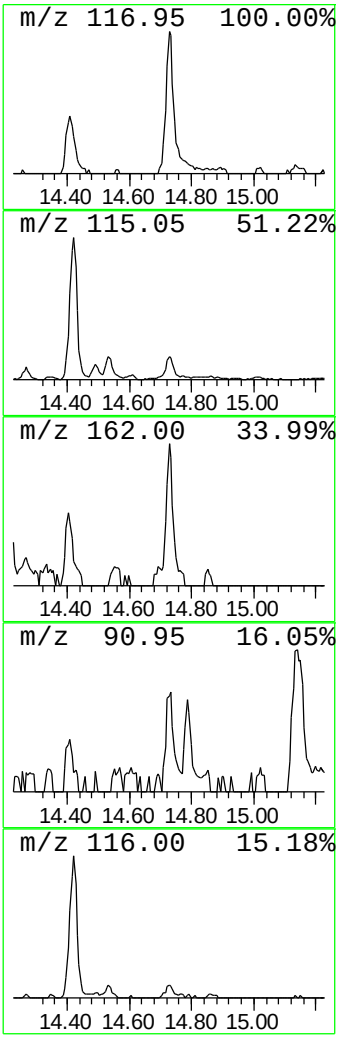
Peak Number 26 trans-4-Phenyl-3-butenoic acid Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	4.94 ng/ul	49171	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	87
2	3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	72
3	trans-2-Phenyl-1-cyclopropanecar...	162	C10H10O2	000939-90-2	64
4	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	64
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	64





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Data File : BM022330.D
Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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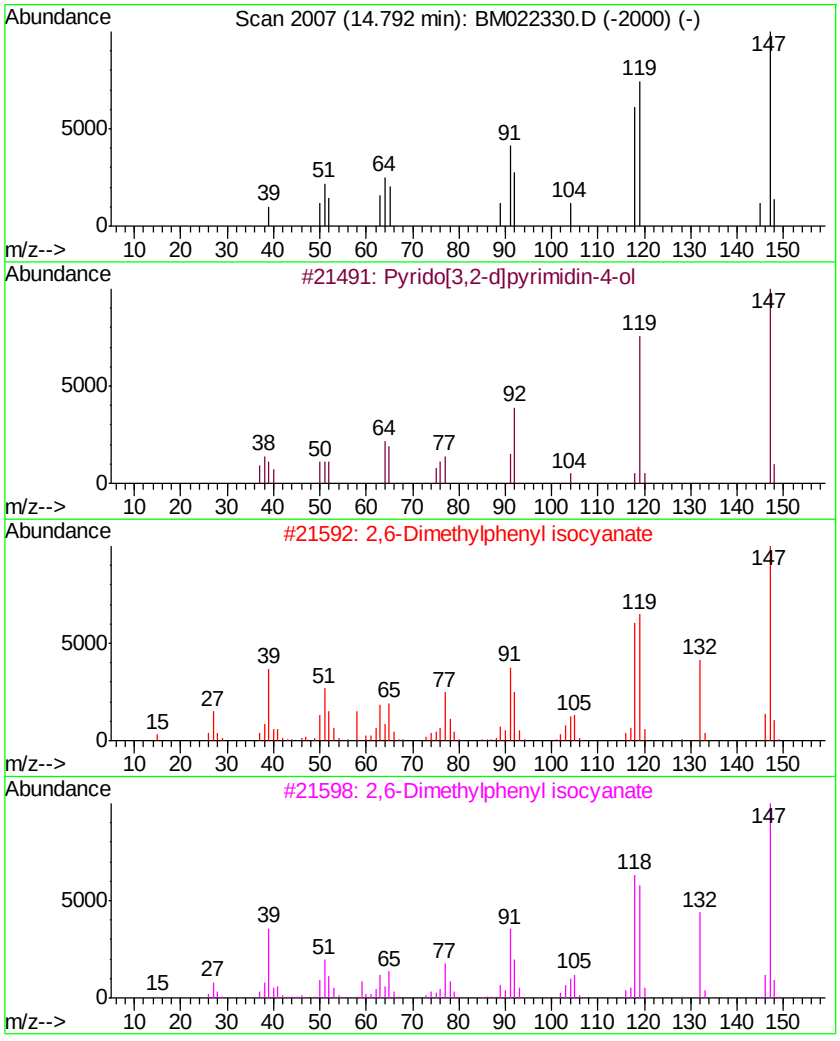
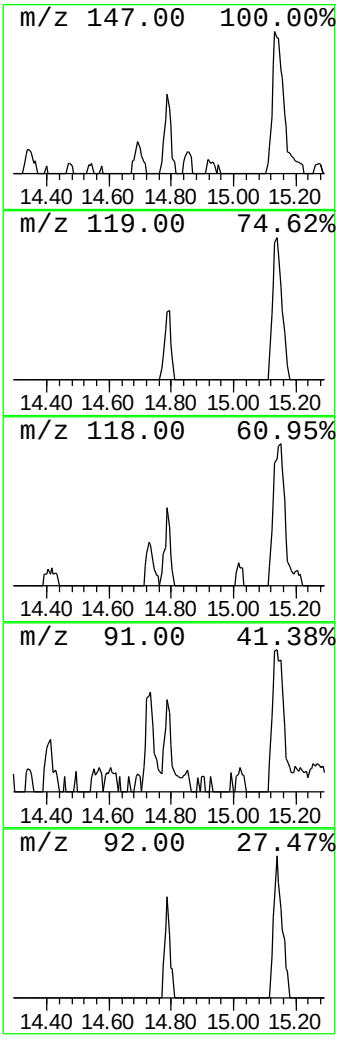
Peak Number 27 Pyrido[3,2-d]pyrimidin-4-ol Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.13 ng/ul	31181	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[3,2-d]pyrimidin-4-ol	147	C7H5N3O	037538-67-3	55
2	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	47
3	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	46
4	5-Cyanotropolone	147	C8H5NO2	003266-92-0	43
5	Pyrido[3,2-d]pyrimidin-4-ol	147	C7H5N3O	037538-67-3	38





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Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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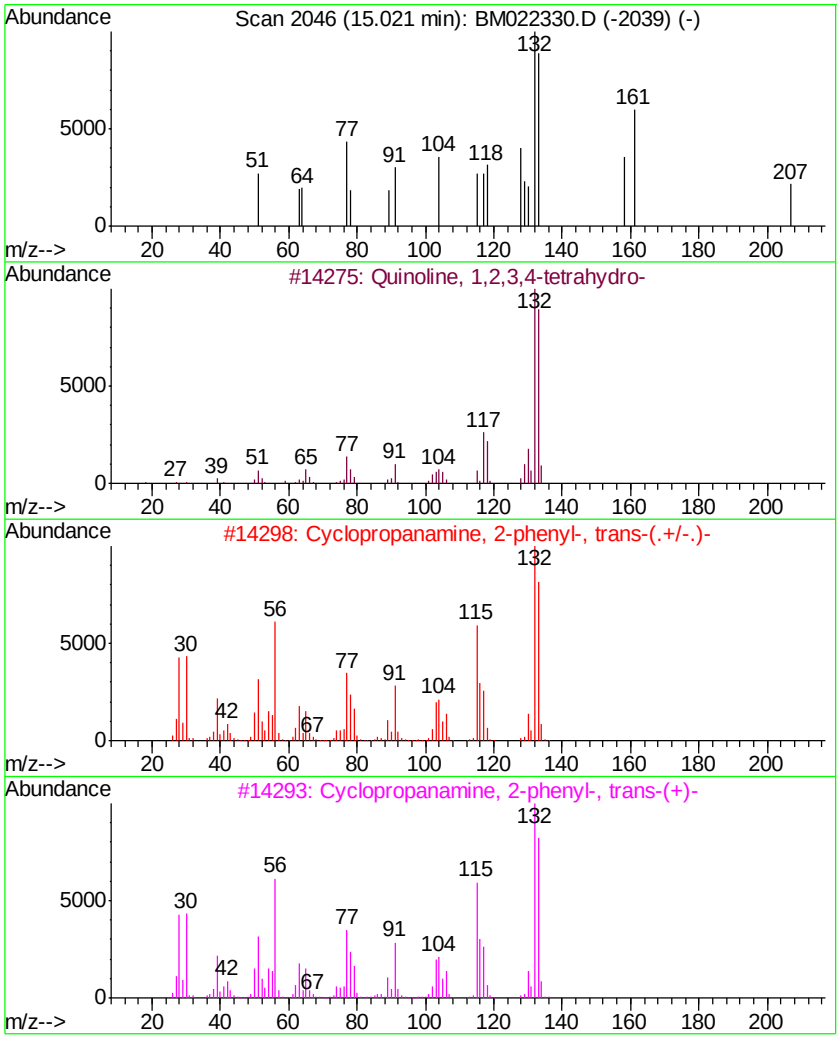
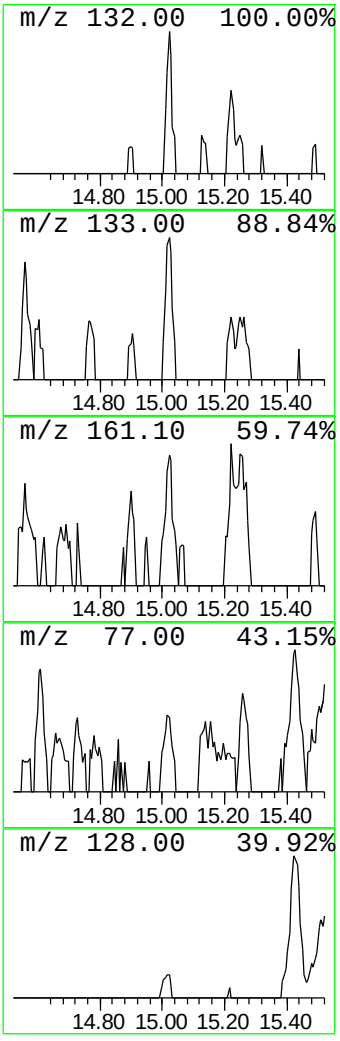
Peak Number 28 unknown-04 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	2.12 ng/ul	21060	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	35
2	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	000155-09-9	30
3	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	003721-28-6	30
4	Cyclopropanamine, 2-phenyl-, trans-	133	C9H11N	000095-62-5	27
5	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	25





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Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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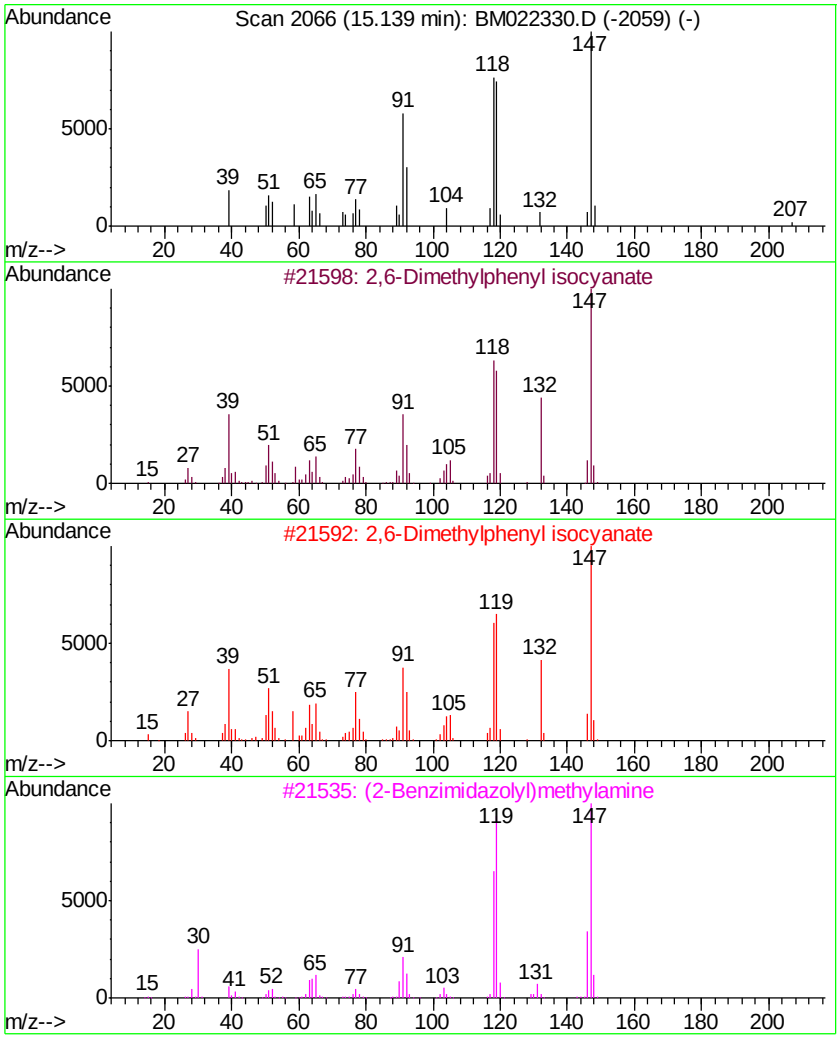
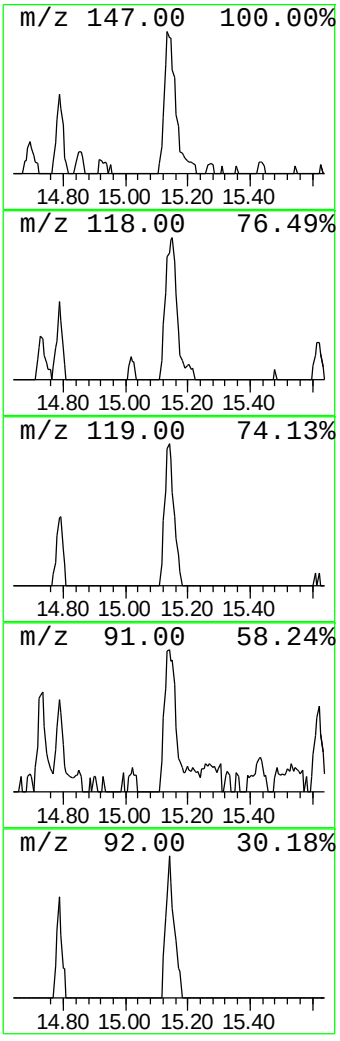
Peak Number 29 2,6-Dimethylphenyl isocyanate Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	6.94 ng/ul	68999	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	86
2	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	78
3	(2-Benzimidazolyl)methylamine	147	C8H9N3	005805-57-2	58
4	Pyrido[3,2-d]pyrimidin-4-ol	147	C7H5N3O	037538-67-3	53
5	2H-Indol-2-one, 1,3-dihydro-1-me...	147	C9H9NO	000061-70-1	52





Library Search Compound Report

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Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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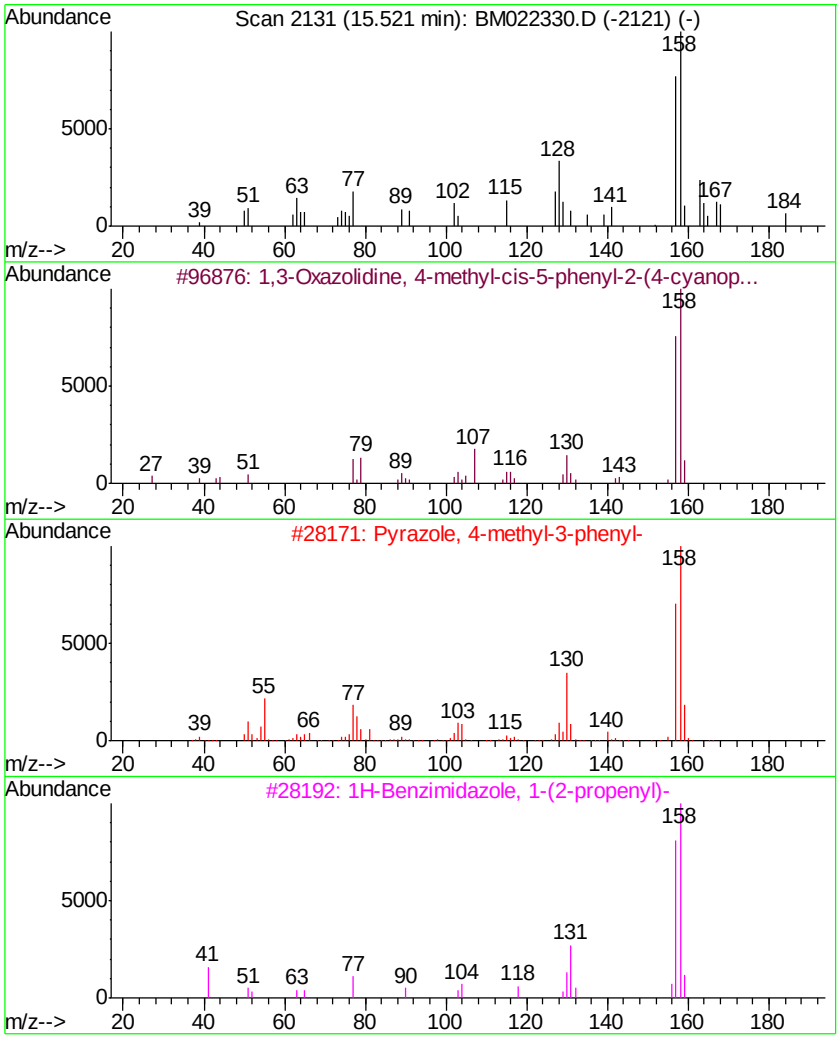
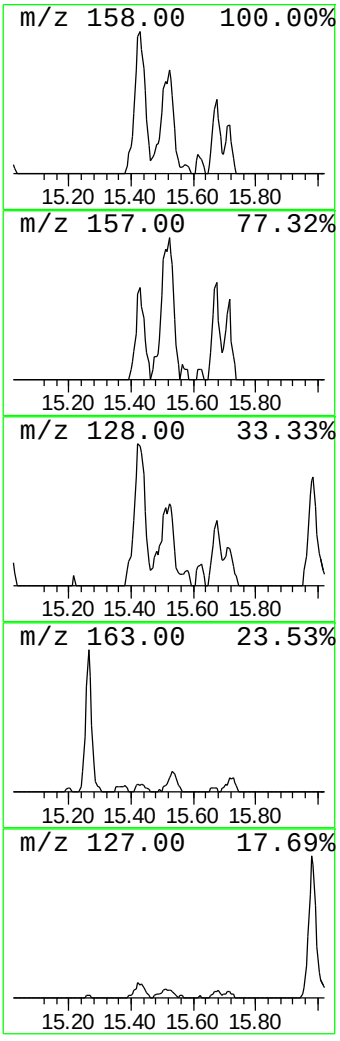
Peak Number 30 1,3-Oxazolidine, 4-methyl-c... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	11.62 ng/ul	115569	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxazolidine, 4-methyl-cis-5-...	264	C17H16N2O	1000138-86-2	50
2	Pyrazole, 4-methyl-3-phenyl-	158	C10H10N2	013808-62-3	50
3	1H-Benzimidazole, 1-(2-propenyl)-	158	C10H10N2	019018-22-5	50
4	Cyclobuta[b]quinoxaline, 1,2,2a,...	158	C10H10N2	021943-51-1	50
5	Benzaldehyde, 2,6-difluoro-3-hyd...	158	C7H4F2O2	152434-88-3	50





Tentatively Identified Compound (LSC) summary

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Data File : BM022330.D
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Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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
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unknown-01	8.97	8.4	ng/ul	41989	2	10.32	99922	20.0
unknown-02	9.02	4.3	ng/ul	21414	2	10.32	99922	20.0
3-Phenylbut-1-ene	9.71	4.2	ng/ul	21058	2	10.32	99922	20.0
Phenol, 3,5-dimet...	9.83	33.1	ng/ul	165479	2	10.32	99922	20.0
Phenol, 3-chloro-	10.23	15.2	ng/ul	75894	2	10.32	99922	20.0
Phenol, 2-ethyl-5...	10.87	14.1	ng/ul	70551	2	10.32	99922	20.0
1,3-Cyclohexadien...	11.17	16.2	ng/ul	80936	2	10.32	99922	20.0
Phenol, 2,4,5-tri...	11.36	4.1	ng/ul	20622	2	10.32	99922	20.0
Phenol, 2,4,6-tri...	11.42	8.6	ng/ul	42727	2	10.32	99922	20.0
1H-Inden-1-one, 2...	11.75	19.6	ng/ul	97849	2	10.32	99922	20.0
3-Methylbenzothio...	11.88	5.3	ng/ul	26549	2	10.32	99922	20.0
unknown-03	12.12	7.0	ng/ul	34985	2	10.32	99922	20.0
Naphthalene, 1-me...	12.22	108.7	ng/ul	543011	2	10.32	99922	20.0
1H-Inden-5-ol, 2,...	12.42	4.9	ng/ul	49145	3	14.20	198978	20.0
Naphthalene, 1,5-...	13.52	10.4	ng/ul	103773	3	14.20	198978	20.0
Naphthalene, 2,7-...	13.57	4.6	ng/ul	45680	3	14.20	198978	20.0
2-Allyl-4-methylp...	13.71	2.4	ng/ul	23509	3	14.20	198978	20.0
Naphthalene, 1,3-...	13.76	3.0	ng/ul	29823	3	14.20	198978	20.0
o-Hydroxybiphenyl	14.49	4.5	ng/ul	45244	3	14.20	198978	20.0
2-Naphthalenol	14.53	3.1	ng/ul	30651	3	14.20	198978	20.0
trans-4-Phenyl-3-...	14.73	4.9	ng/ul	49171	3	14.20	198978	20.0
Pyrido[3,2-d]pyri...	14.79	3.1	ng/ul	31181	3	14.20	198978	20.0
unknown-04	15.02	2.1	ng/ul	21060	3	14.20	198978	20.0
2,6-Dimethylpheny...	15.14	6.9	ng/ul	68999	3	14.20	198978	20.0
1,3-Oxazolidine, ...	15.52	11.6	ng/ul	115569	3	14.20	198978	20.0