LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012628.D
Acq On : 19 Nov 2020 12:21
Operator : CG/JU
Sample : L4753-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH4

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_N\METHODS\SOM-EPA-BN102220.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	2.634	20	25	35	rBV2	280081	558035	0.47%	0.187%
2	2.717	35	39	55	rVB	998560	1300119	1.10%	0.436%
3	5.116	441	447	457	rVB	223249	446276	0.38%	0.150%
4	5.475	500	508	515	rBV2	262784	458940	0.39%	0.154%
5	6.546	683	690	696	rBV2	147546	226339	0.19%	0.076%
6	6.628	696	704	709	rVV	238380	391639	0.33%	0.131%
7	6.793	726	732	738	rBV	688038	1074311	0.91%	0.360%
8	6.981	753	764	777	rBV	872103	1371919	1.16%	0.460%
9	7.093	777	783	789	rVV	274132	429811	0.36%	0.144%
10	7.169	789	796	806	rVB	1169160	1826165	1.54%	0.612%
11	7.446	835	843	852	rBV	748506	1214246	1.02%	0.407%
12	7.810	898	905	913	rVB	336368	523552	0.44%	0.176%
13	7.969	922	932	946	rBV	2620922	4070853	3.44%	1.365%
14	8.157	957	964	972	rVV	660126	1025666	0.87%	0.344%
15	8.287	980	986	996	rVB	899244	1387753	1.17%	0.465%
16	8.593	1033	1038	1047	rVV	966923	1755053	1.48%	0.588%
17	8.787	1064	1071	1079	rBV	219810	354161	0.30%	0.119%
18	8.910	1079	1092	1098	rBV2	636364	1395920	1.18%	0.468%
19	8.969	1098	1102	1107	rVV	150854	248956	0.21%	0.083%
20	9.310	1152	1160	1168	rBV	923219	1509893	1.27%	0.506%
21	9.622	1207	1213	1222	rBV6	110075	325635	0.27%	0.109%
22	9.846	1243	1251	1260	rBV	1155538	2018726	1.70%	0.677%
23	10.169	1303	1306	1309	rVV3	143368	232938	0.20%	0.078%
24	10.222	1309	1315	1316	rVV	718530	1143336	0.96%	0.383%
25	10.304	1316	1329	1336	rVV2	45617419	118500520	100.00%	39.723%
26	10.393	1336	1344	1359	rVV	4970971	8213331	6.93%	2.753%
27	10.598	1371	1379	1390	rVB5	218107	520171	0.44%	0.174%
28	11.304	1494	1499	1512	rVB4	128397	347367	0.29%	0.116%
29	11.610	1543	1551	1560	rVB4	82800	265381	0.22%	0.089%
30	11.775	1570	1579	1586	rBV2	257960	546289	0.46%	0.183%
31	11.887	1592	1598	1606	rVB	6835124	10645066	8.98%	3.568%
32	12.004	1613	1618	1623	rVB	198162	330241	0.28%	0.111%
33	12.110	1624	1636	1646	rVB	3756889	6166507	5.20%	2.067%
34	12.263	1653	1662	1674	rBV2	227105	629305	0.53%	0.211%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
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Acq On : 19 Nov 2020 12:21
Operator : CG/JU
Sample : L4753-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH4

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_N\METHODS\SOM-EPA-BN102220.M
Title : SVOA CALIBRATION

35	12.551	1707	1711	1713	rVV2	170734	284734	0.24%	0.095%
36	12.575	1713	1715	1729	rVB4	224743	430084	0.36%	0.144%
37	12.810	1749	1755	1761	rBV2	242142	402429	0.34%	0.135%
38	12.922	1765	1774	1785	rVV	1711302	2691597	2.27%	0.902%
39	13.122	1802	1808	1818	rVB2	312415	671608	0.57%	0.225%
40	13.269	1821	1833	1841	rBV3	753192	1677652	1.42%	0.562%
41	13.416	1852	1858	1863	rBV	497051	870463	0.73%	0.292%
42	13.469	1863	1867	1871	rVV2	278496	408641	0.34%	0.137%
43	13.528	1871	1877	1881	rVV	2357819	3212115	2.71%	1.077%
44	13.657	1894	1899	1902	rBV2	223206	373852	0.32%	0.125%
45	13.792	1915	1922	1934	rBV	2649192	4523097	3.82%	1.516%
46	14.104	1966	1975	1980	rVV2	1602475	2707792	2.29%	0.908%
47	14.169	1980	1986	1993	rVV	5580295	7733408	6.53%	2.592%
48	14.239	1993	1998	2004	rVV	2215544	3190114	2.69%	1.069%
49	14.322	2008	2012	2018	rVV	270914	480254	0.41%	0.161%
50	14.386	2018	2023	2030	rVV	569316	933730	0.79%	0.313%
51	14.457	2030	2035	2038	rVV	570877	862232	0.73%	0.289%
52	14.504	2038	2043	2054	rVV	4283806	6667895	5.63%	2.235%
53	14.651	2063	2068	2073	rVV	1509401	2128108	1.80%	0.713%
54	14.734	2078	2082	2088	rVB	503842	737282	0.62%	0.247%
55	15.039	2127	2134	2139	rBV5	132869	283136	0.24%	0.095%
56	15.104	2139	2145	2150	rVV	3299087	4827611	4.07%	1.618%
57	15.157	2150	2154	2162	rVV	3254179	4645272	3.92%	1.557%
58	15.233	2162	2167	2174	rVV2	1558617	2790586	2.35%	0.935%
59	15.286	2174	2176	2179	rVV2	207140	264840	0.22%	0.089%
60	15.334	2179	2184	2190	rVV7	147918	436508	0.37%	0.146%
61	15.386	2190	2193	2200	rVV2	239518	479583	0.40%	0.161%
62	15.451	2200	2204	2212	rVV	279890	479567	0.40%	0.161%
63	15.557	2213	2222	2226	rVV8	72106	228898	0.19%	0.077%
64	15.604	2226	2230	2240	rVB2	298047	608696	0.51%	0.204%
65	15.833	2264	2269	2277	rVB2	493143	749298	0.63%	0.251%
66	16.057	2302	2307	2313	rVB	645330	839739	0.71%	0.281%
67	16.133	2315	2320	2332	rVB	1484696	2104762	1.78%	0.706%
68	16.381	2356	2362	2366	rBV2	155738	306143	0.26%	0.103%
69	16.510	2373	2384	2393	rBV3	2663177	4100673	3.46%	1.375%
70	16.675	2408	2412	2416	rVV	296722	411638	0.35%	0.138%
71	16.828	2433	2438	2439	rVV	413257	501321	0.42%	0.168%

LSC Area Percent Report

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Acq On : 19 Nov 2020 12:21
Operator : CG/JU
Sample : L4753-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH4

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_N\METHODS\SOM-EPA-BN102220.M
Title : SVOA CALIBRATION

72	16.857	2439	2443	2446	rVV	2128456	3045600	2.57%	1.021%
73	16.898	2446	2450	2454	rVV	2624006	3799367	3.21%	1.274%
74	16.957	2454	2460	2467	rVV	3869843	6470012	5.46%	2.169%
75	17.010	2467	2469	2473	rVB	193271	235962	0.20%	0.079%
76	17.275	2503	2514	2524	rBV	11217751	16045797	13.54%	5.379%
77	17.363	2524	2529	2534	rBV	213299	303156	0.26%	0.102%
78	17.427	2534	2540	2545	rBV	1774860	2465486	2.08%	0.826%
79	17.522	2553	2556	2561	rBV4	154039	240704	0.20%	0.081%
80	17.775	2594	2599	2603	rBV	1121994	1542455	1.30%	0.517%
81	17.816	2603	2606	2609	rVV	328303	476001	0.40%	0.160%
82	17.857	2609	2613	2619	rVV	607439	846228	0.71%	0.284%
83	17.922	2619	2624	2630	rVB3	230972	383819	0.32%	0.129%
84	18.039	2636	2644	2648	rBV4	162626	459342	0.39%	0.154%
85	18.080	2648	2651	2655	rVV	256686	431403	0.36%	0.145%
86	18.122	2655	2658	2663	rVV	168438	270522	0.23%	0.091%
87	18.180	2663	2668	2674	rVV2	248427	445888	0.38%	0.149%
88	18.239	2674	2678	2682	rVV	302871	452085	0.38%	0.152%
89	18.275	2682	2684	2690	rVB	160624	222598	0.19%	0.075%
90	18.527	2720	2727	2731	rBV	270167	387577	0.33%	0.130%
91	18.751	2760	2765	2771	rBV	332911	459294	0.39%	0.154%
92	19.069	2815	2819	2826	rVB2	329532	464751	0.39%	0.156%
93	19.263	2846	2852	2858	rBV	4979523	6549802	5.53%	2.196%
94	19.751	2930	2935	2942	rBV	699813	962173	0.81%	0.323%
95	20.410	3042	3047	3052	rVB3	432175	587689	0.50%	0.197%
96	20.804	3110	3114	3121	rBV	886637	1156411	0.98%	0.388%
97	21.068	3154	3159	3164	rBV	2543982	3212984	2.71%	1.077%
98	23.057	3490	3497	3503	rBV	3779901	6427496	5.42%	2.155%
99	23.186	3513	3519	3526	rVB	1840772	3168681	2.67%	1.062%
100	23.698	3602	3606	3611	rVB2	180970	301637	0.25%	0.101%

Sum of corrected areas: 298314698

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012628.D
Acq On : 19 Nov 2020 12:21
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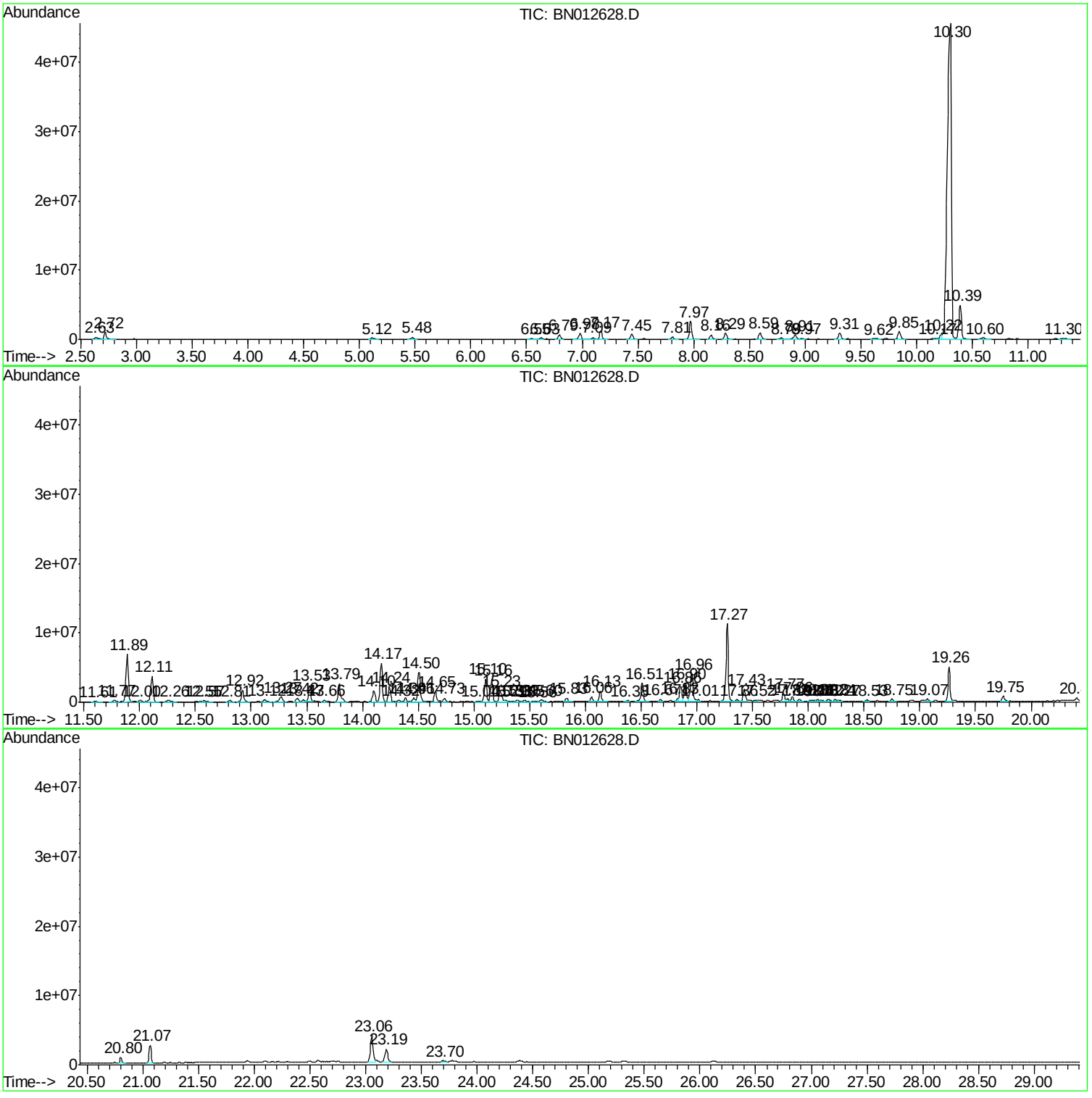
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBGH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012628.D
Acq On : 19 Nov 2020 12:21
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Quant Title : SVOA CALIBRATION

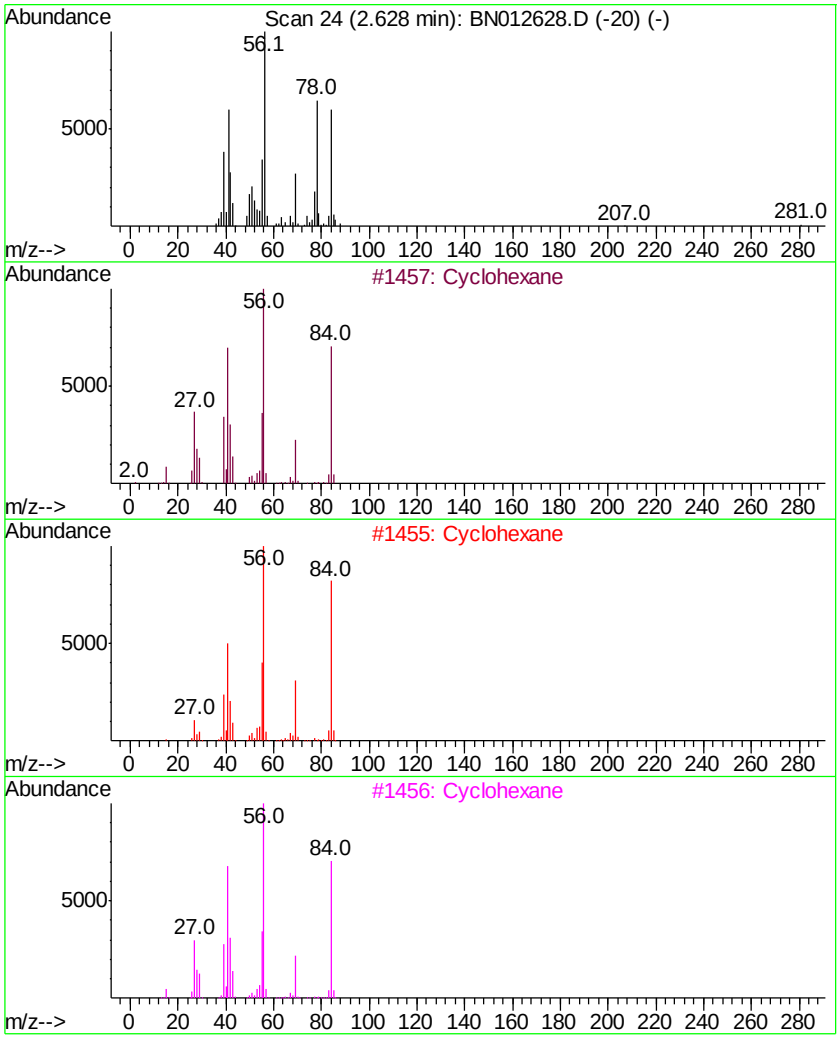
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

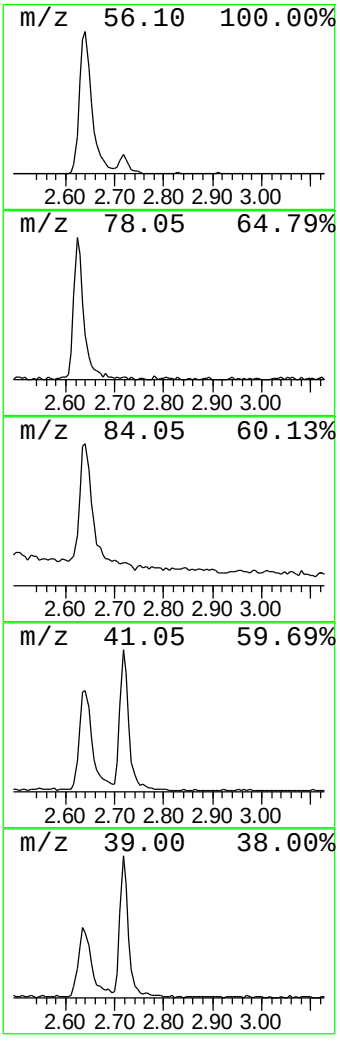
****

Peak Number 1 (DEL) Alkane: Cyclic2.63 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.63	9.19 ng/ul	558035	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	81
2	Cyclohexane	84	C6H12	000110-82-7	76
3	Cyclohexane	84	C6H12	000110-82-7	76
4	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	64
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64





Library Search Compound Report

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Data File : BN012628.D
Acq On : 19 Nov 2020 12:21
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Sample : L4753-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

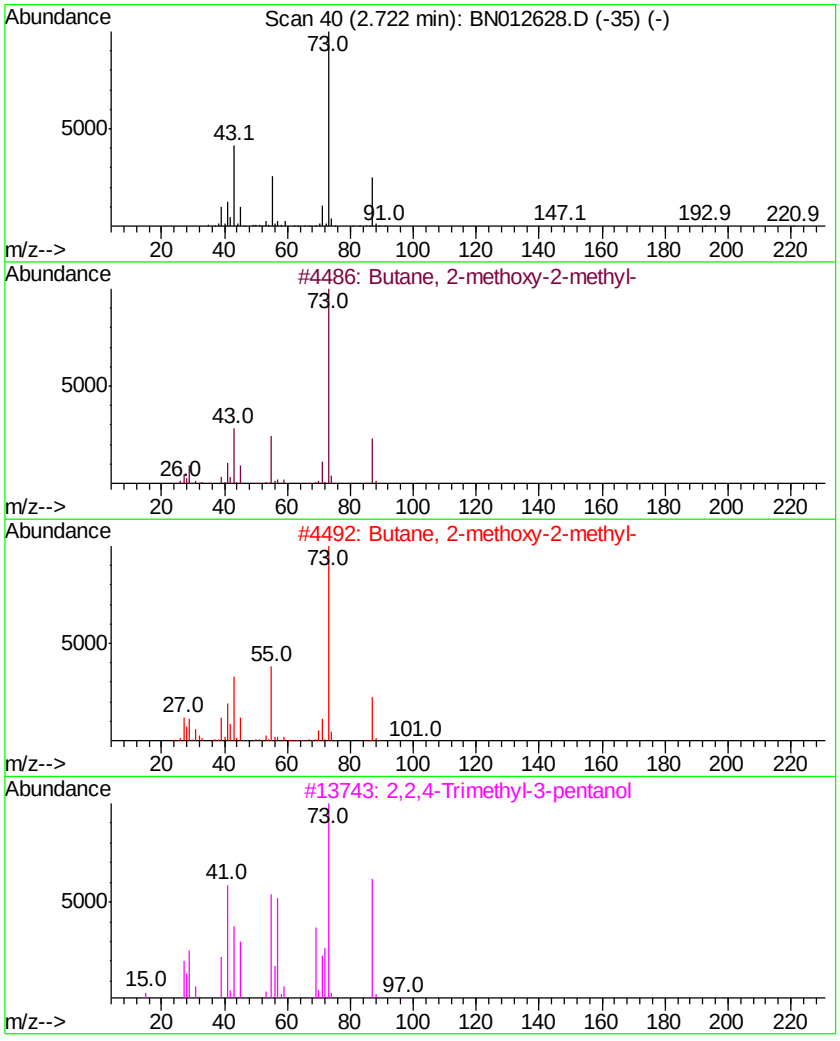
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

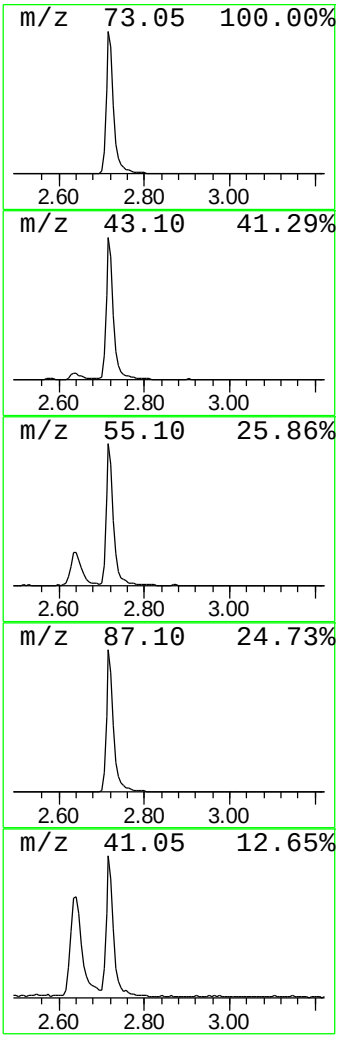
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	21.41 ng/ul	1300120	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	28
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





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Instrument : BNA_N
ClientSampleId : DBGH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

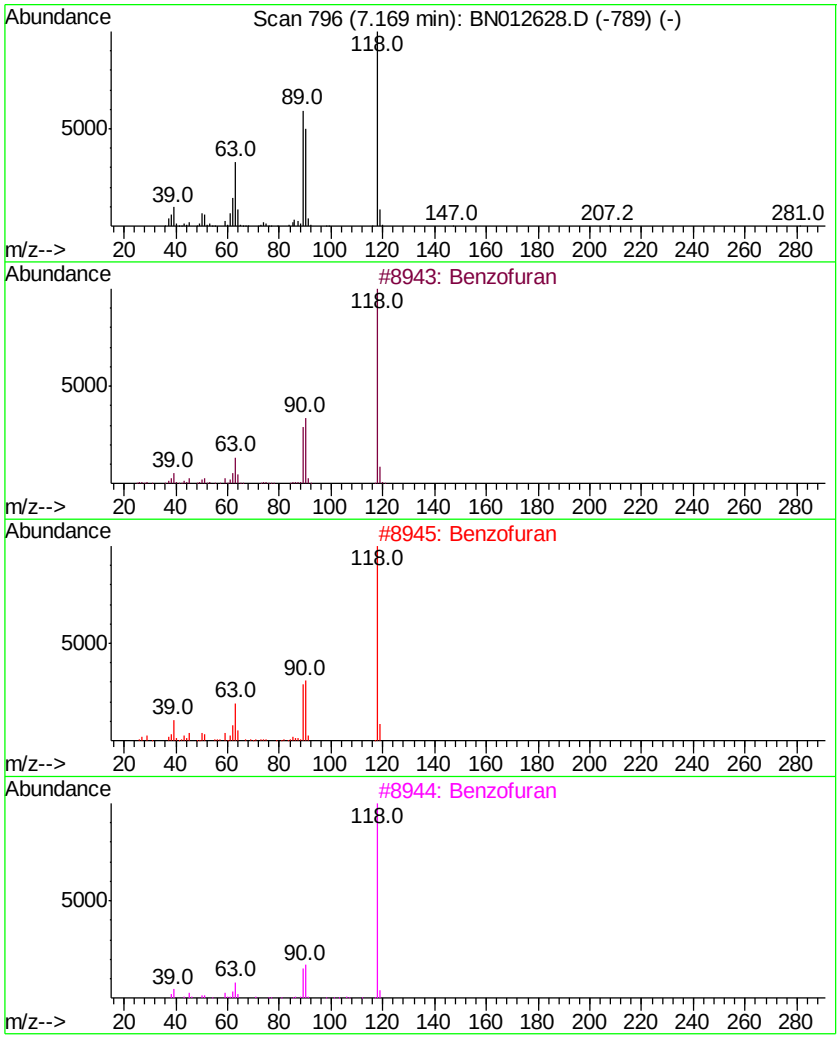
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

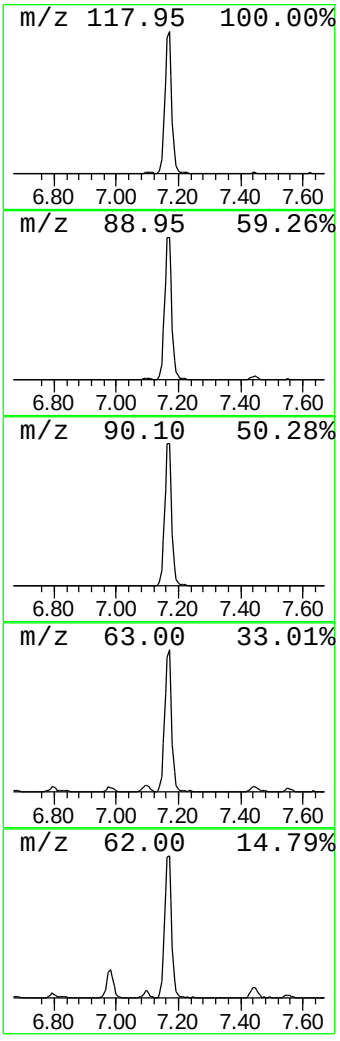
****

Peak Number 7 Benzofuran Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	30.08 ng/ul	1826170	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	91
3	Benzofuran	118	C8H6O	000271-89-6	90
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	83
5	4-Methylphthalic anhydride	162	C9H6O3	019438-61-0	80





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Data File : BN012628.D
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Sample : L4753-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

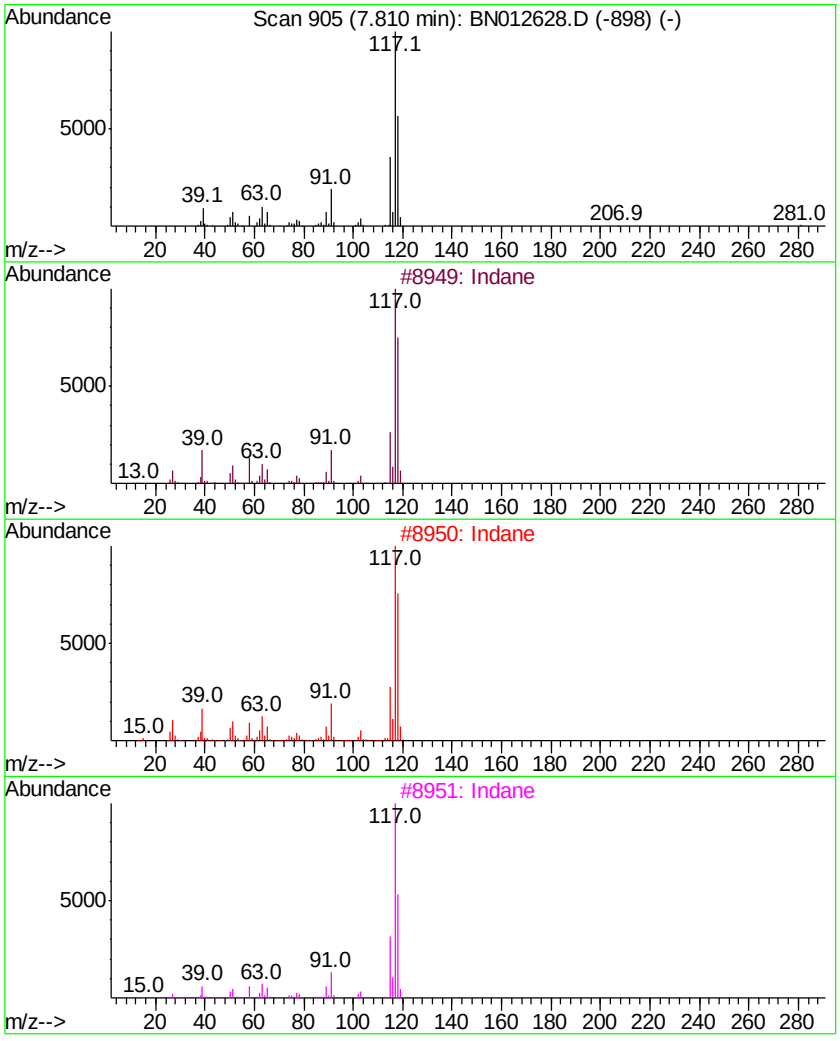
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

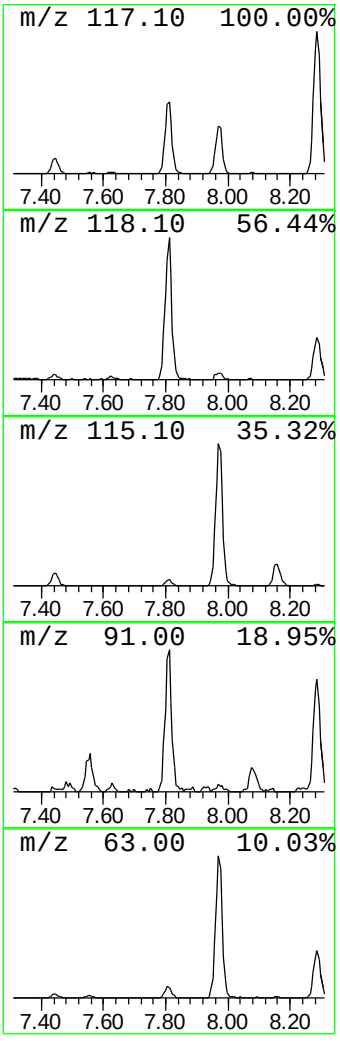
****

Peak Number 8 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	8.62 ng/ul	523552	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	90
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	78
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012628.D
Acq On : 19 Nov 2020 12:21
Operator : CG/JU
Sample : L4753-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

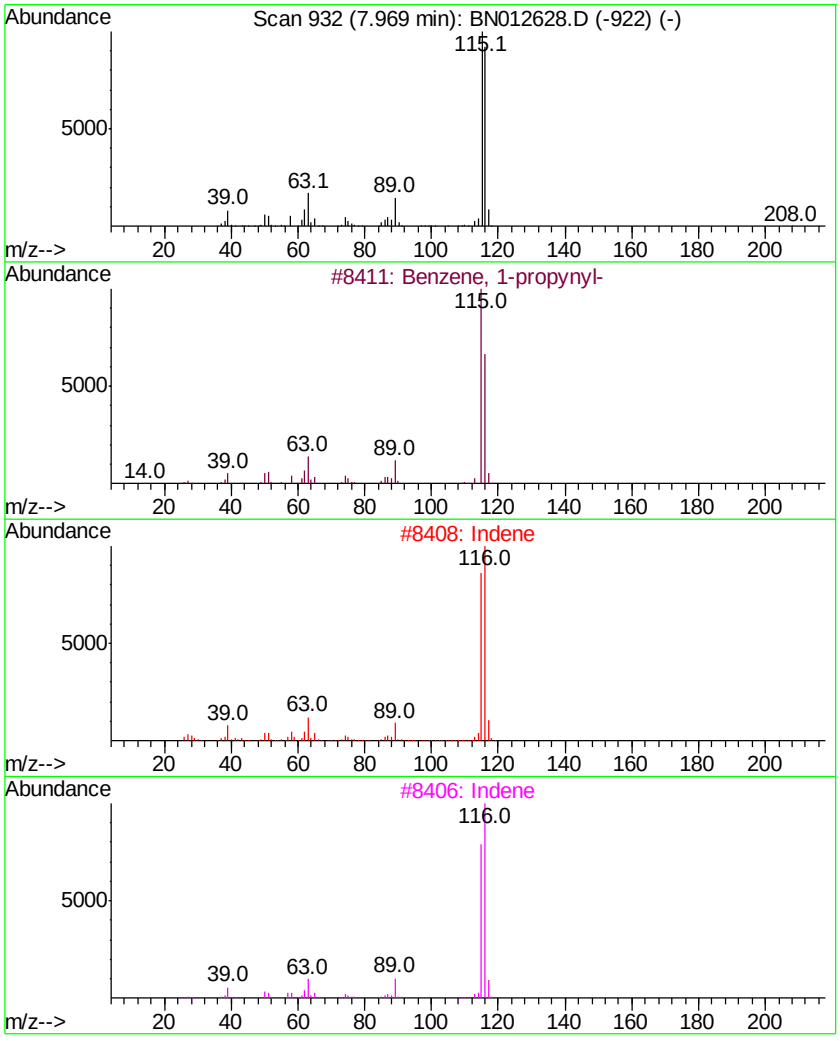
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

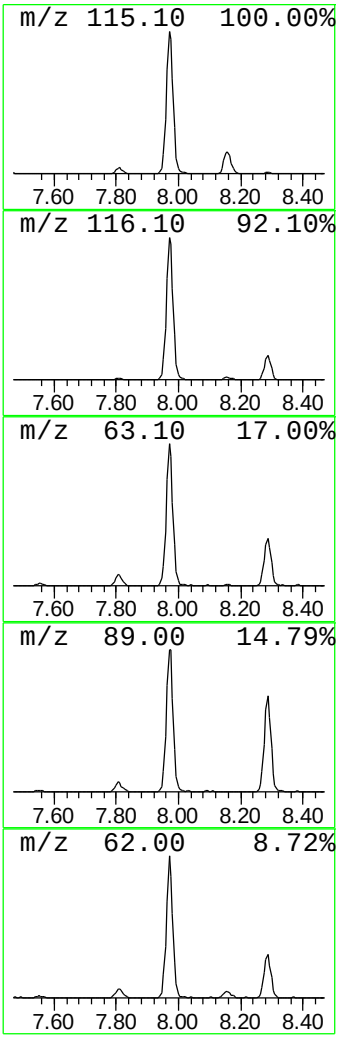
****

Peak Number 9 Benzene, 1-propynyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	67.05 ng/ul	4070850	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	97
2	Indene	116	C9H8	000095-13-6	96
3	Indene	116	C9H8	000095-13-6	94
4	Indene	116	C9H8	000095-13-6	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Library Search Compound Report

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Acq On : 19 Nov 2020 12:21
Operator : CG/JU
Sample : L4753-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH4

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Quant Title : SVOA CALIBRATION

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

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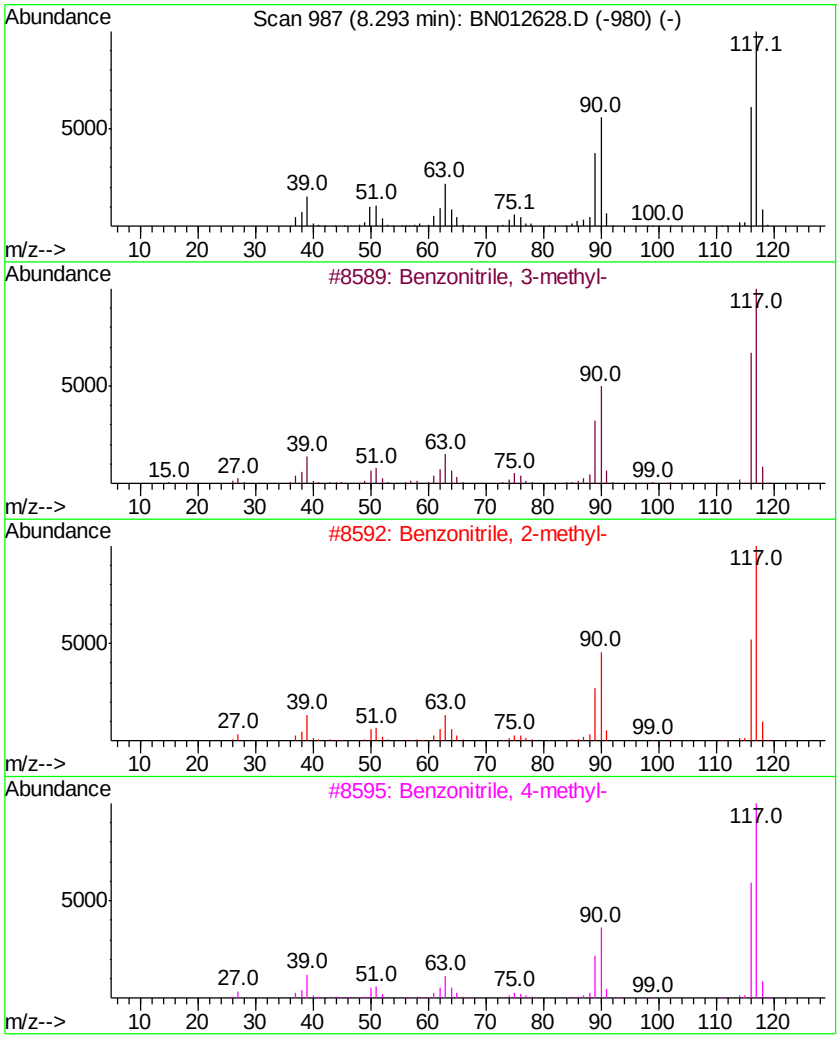
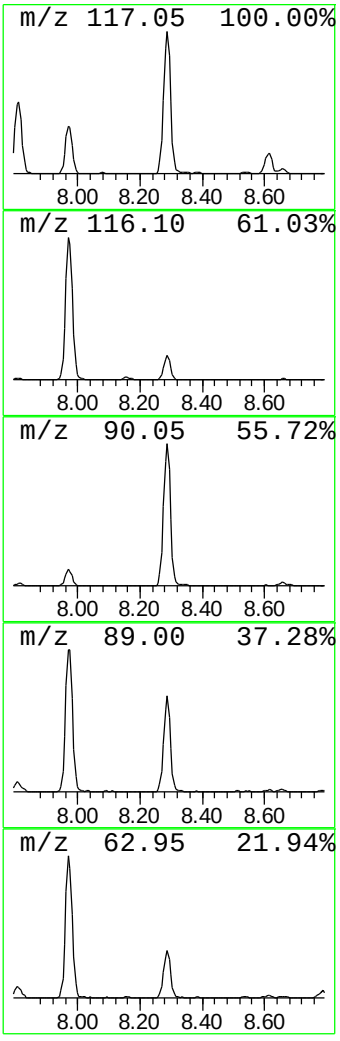
Peak Number 10 Benzonitrile, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	22.86 ng/ul	1387750	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	97
2	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	97
3	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	97
4	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	97
5	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	97





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Instrument : BNA_N
ClientSampleId : DBGH4

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Quant Title : SVOA CALIBRATION

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

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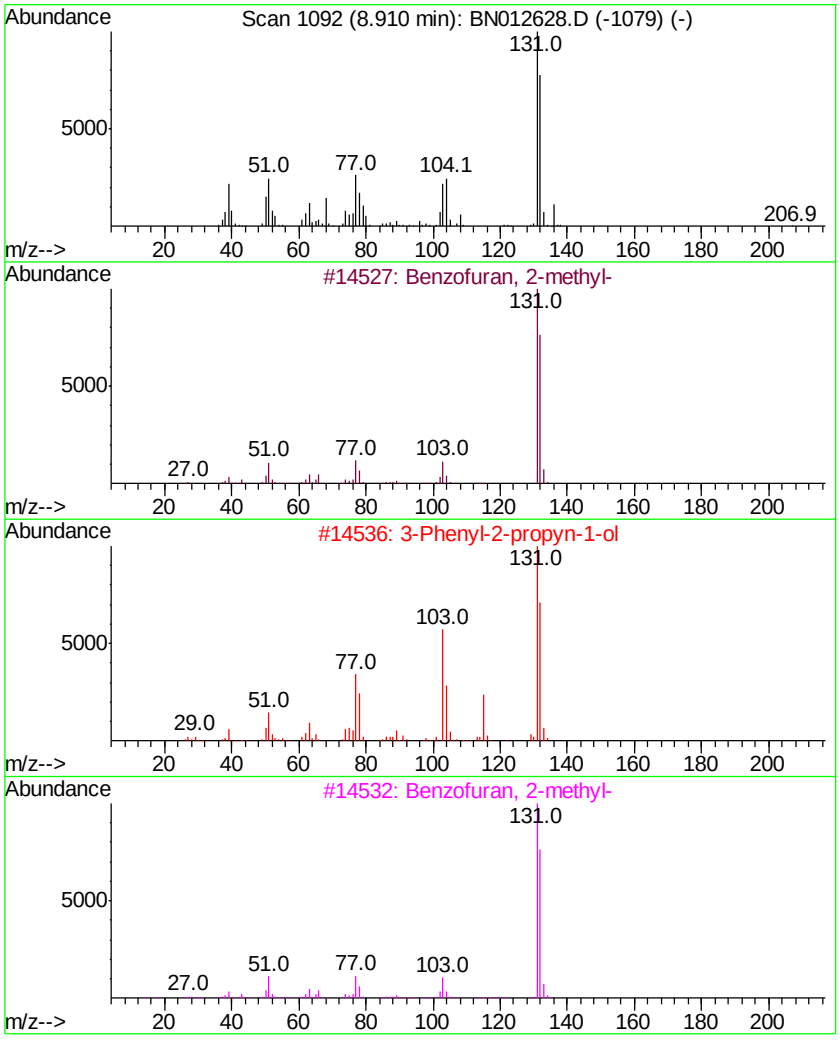
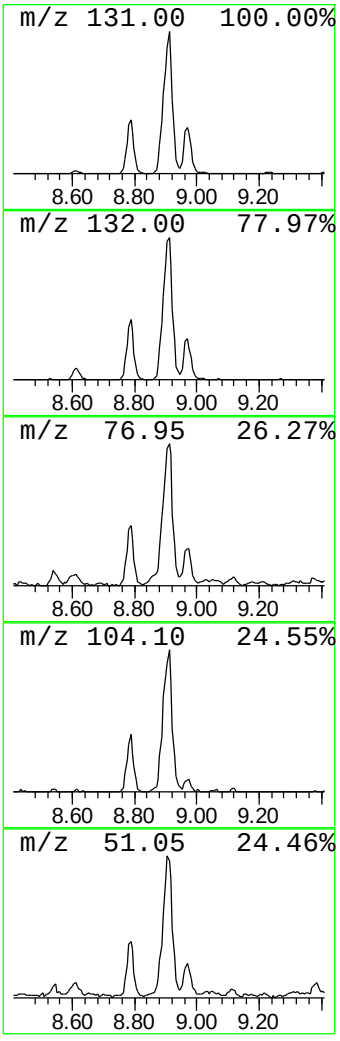
Peak Number 12 Benzofuran, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	24.42 ng/ul	1395920	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87





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Misc :
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Instrument : BNA_N
ClientSampleId : DBGH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

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

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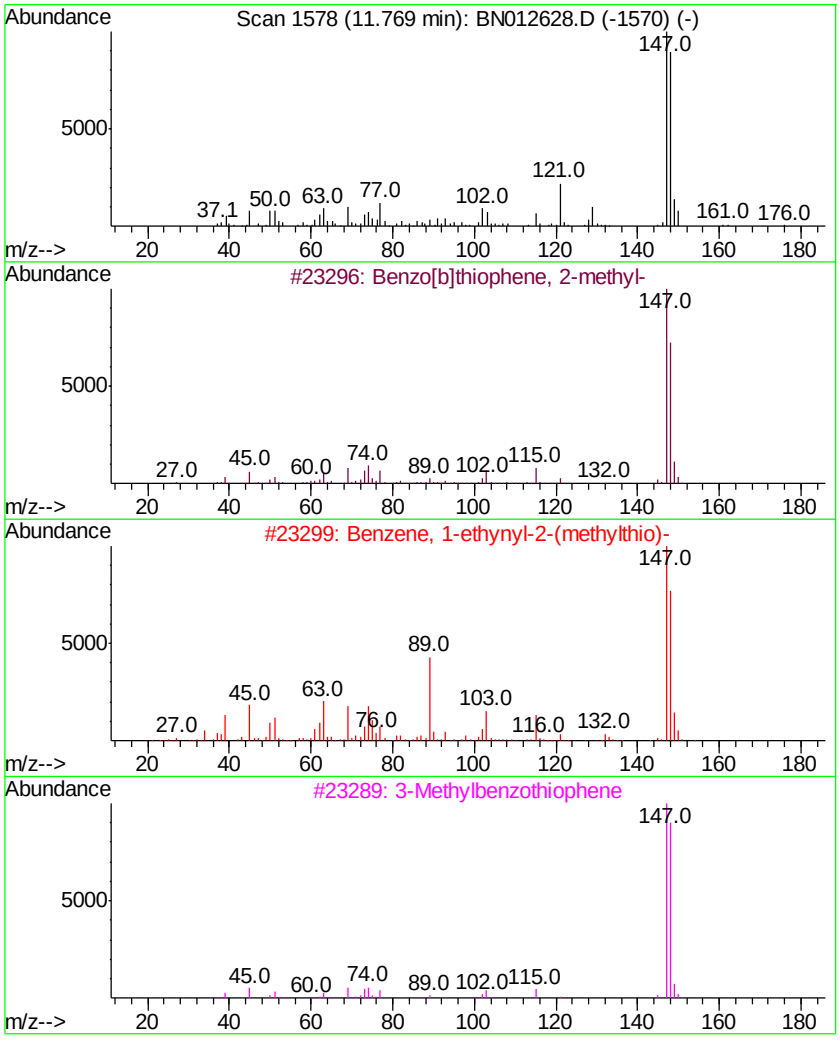
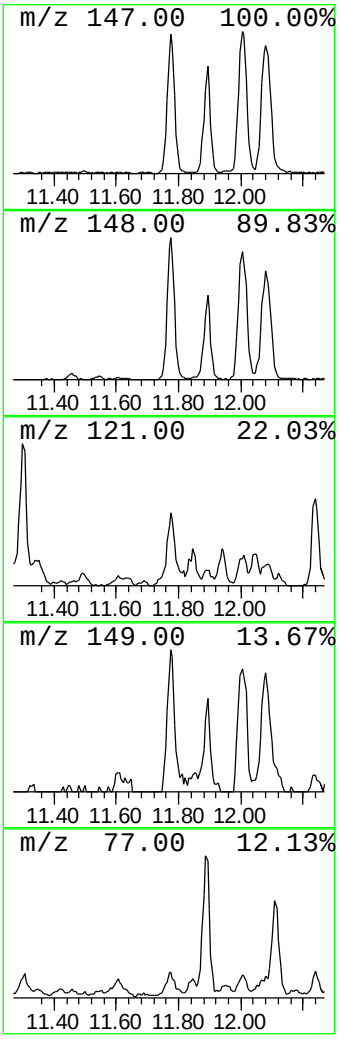
Peak Number 19 Benzo[b]thiophene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	9.56 ng/ul	546289	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
2	Benzene, 1-ethynyl-2-(methylthio)-	148	C9H8S	078905-08-5	87
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	86
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	86
5	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	86





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Sample : L4753-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH4

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Quant Title : SVOA CALIBRATION

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

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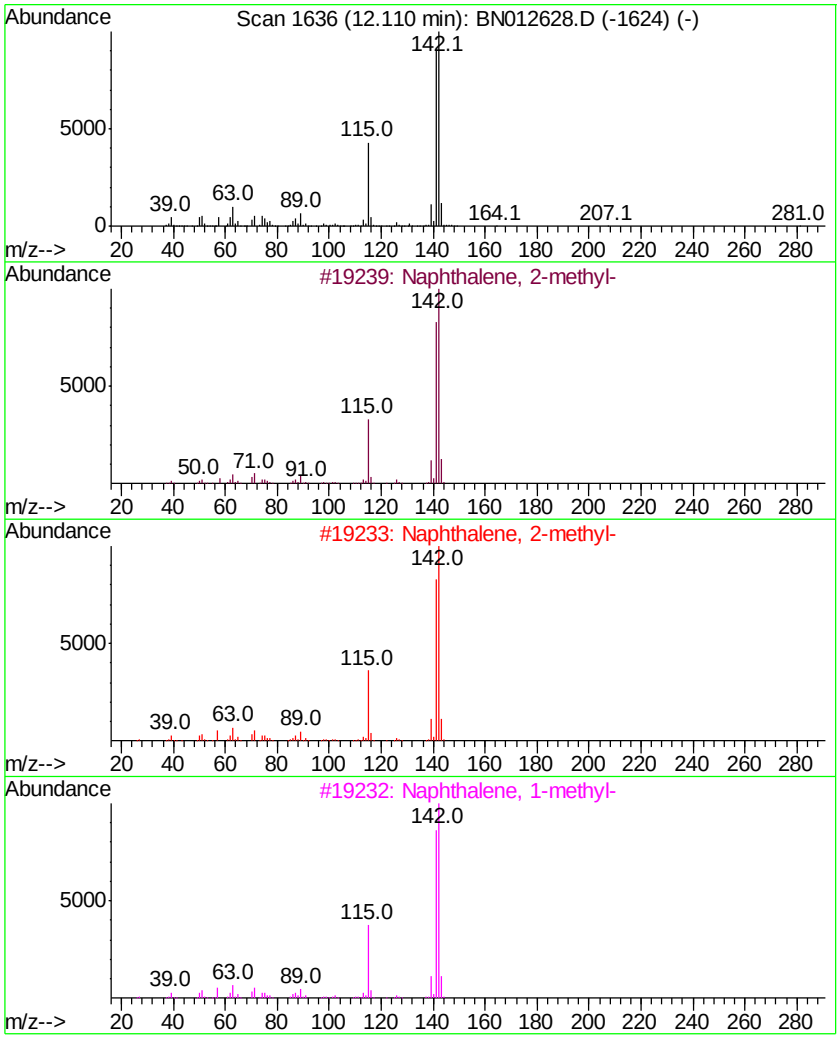
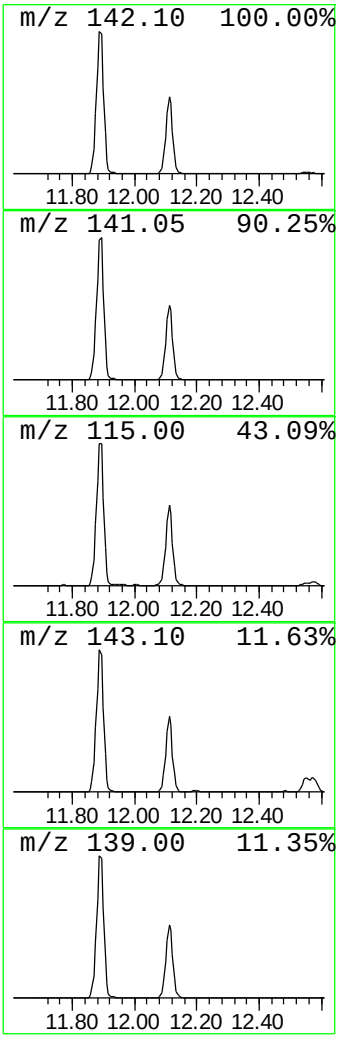
Peak Number 21 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	107.87 ng/ul	6166510	Naphthalene-d8	10.22

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	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





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Operator : CG/JU
Sample : L4753-02
Misc :
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Instrument : BNA_N
ClientSampleId : DBGH4

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Quant Title : SVOA CALIBRATION

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

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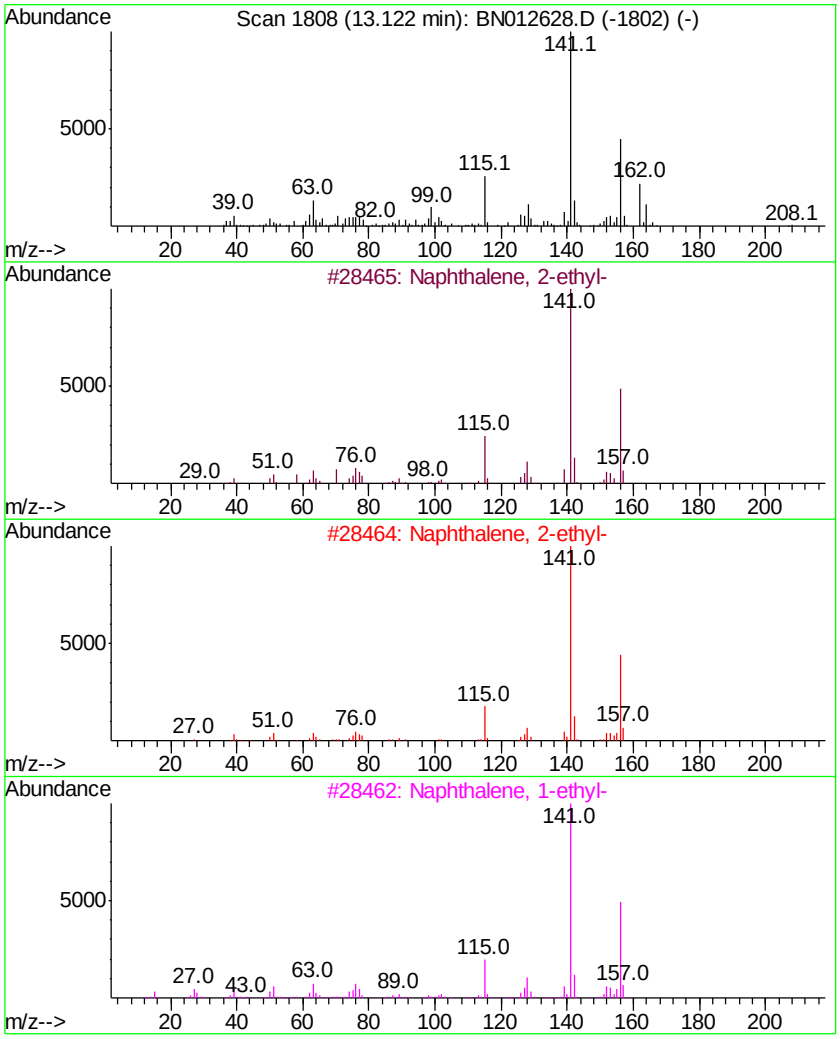
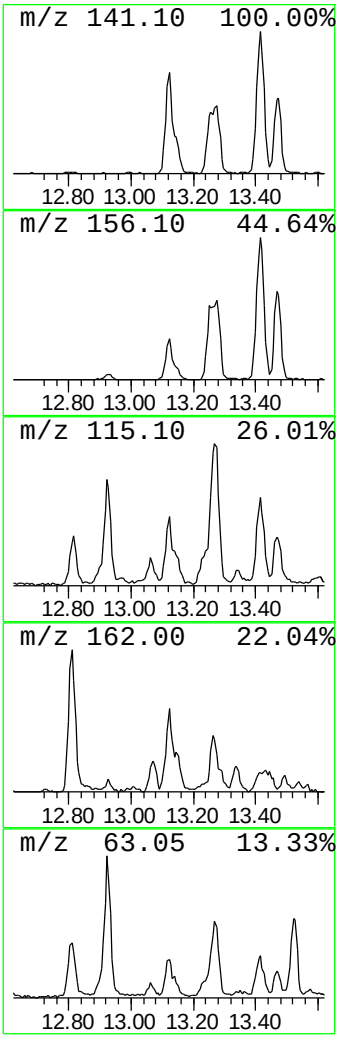
Peak Number 24 Naphthalene, 2-ethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	4.96 ng/ul	671608	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	81





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Operator : CG/JU
Sample : L4753-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH4

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Quant Title : SVOA CALIBRATION

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

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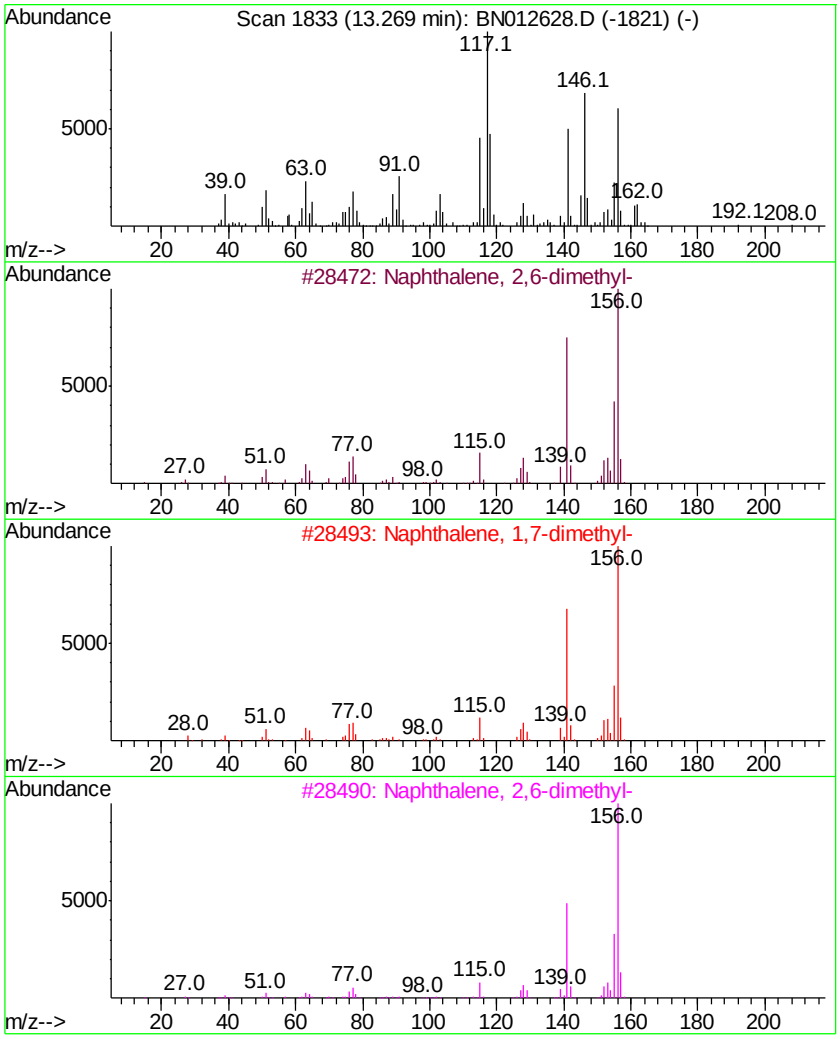
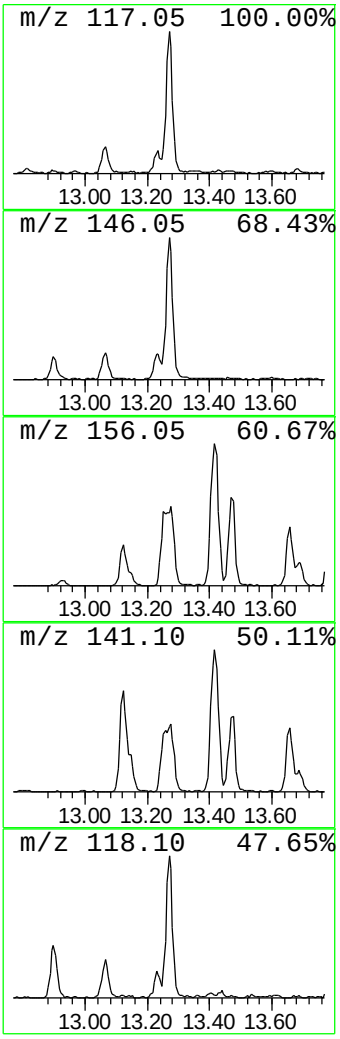
Peak Number 25 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	12.39 ng/ul	1677650	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	68





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Sample : L4753-02
Misc :
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Instrument : BNA_N
ClientSampleId : DBGH4

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Quant Title : SVOA CALIBRATION

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

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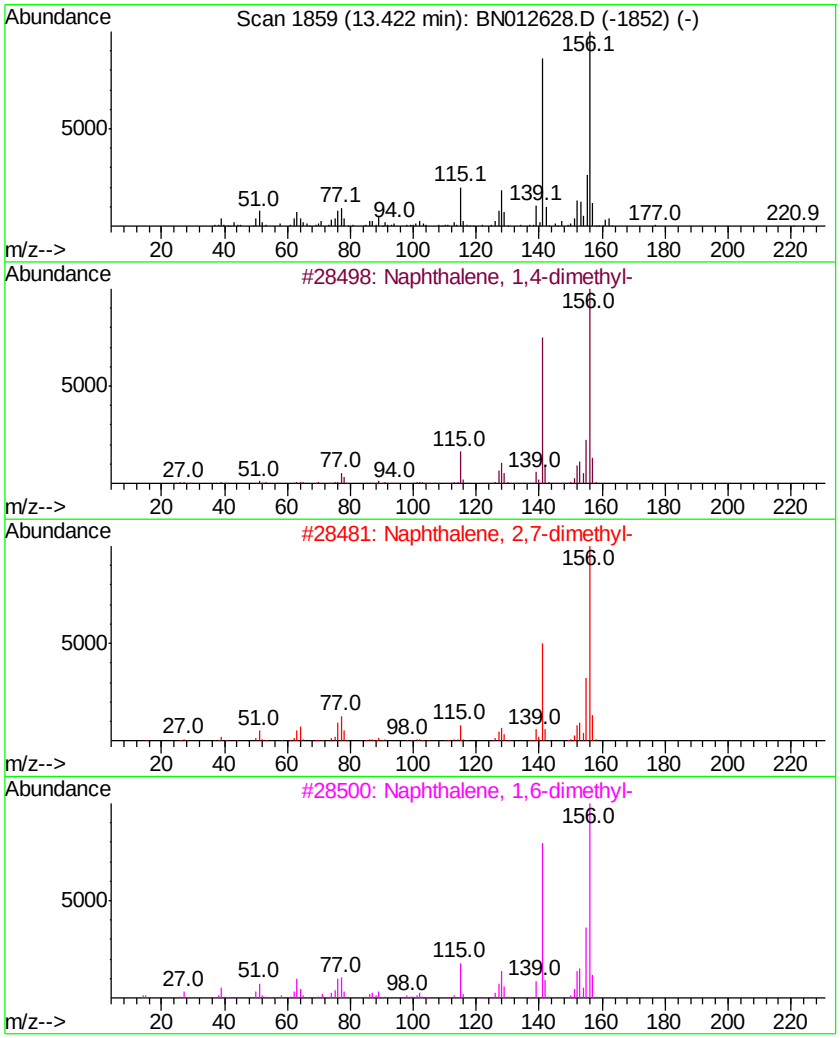
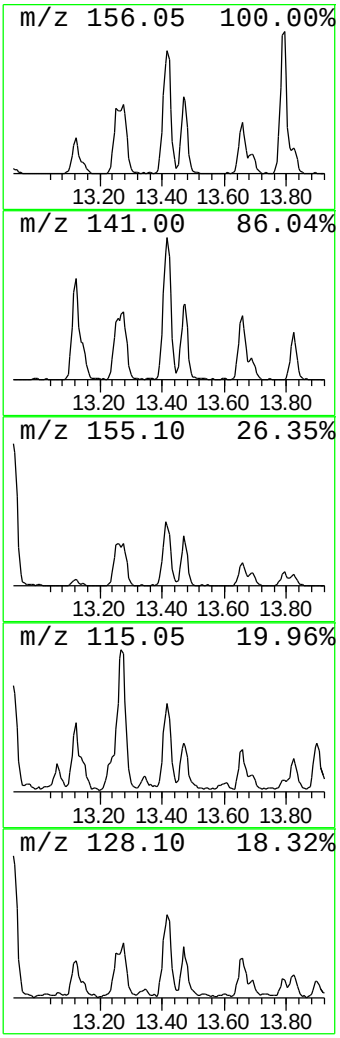
Peak Number 26 Naphthalene, 1,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	6.43 ng/ul	870463	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Sample : L4753-02
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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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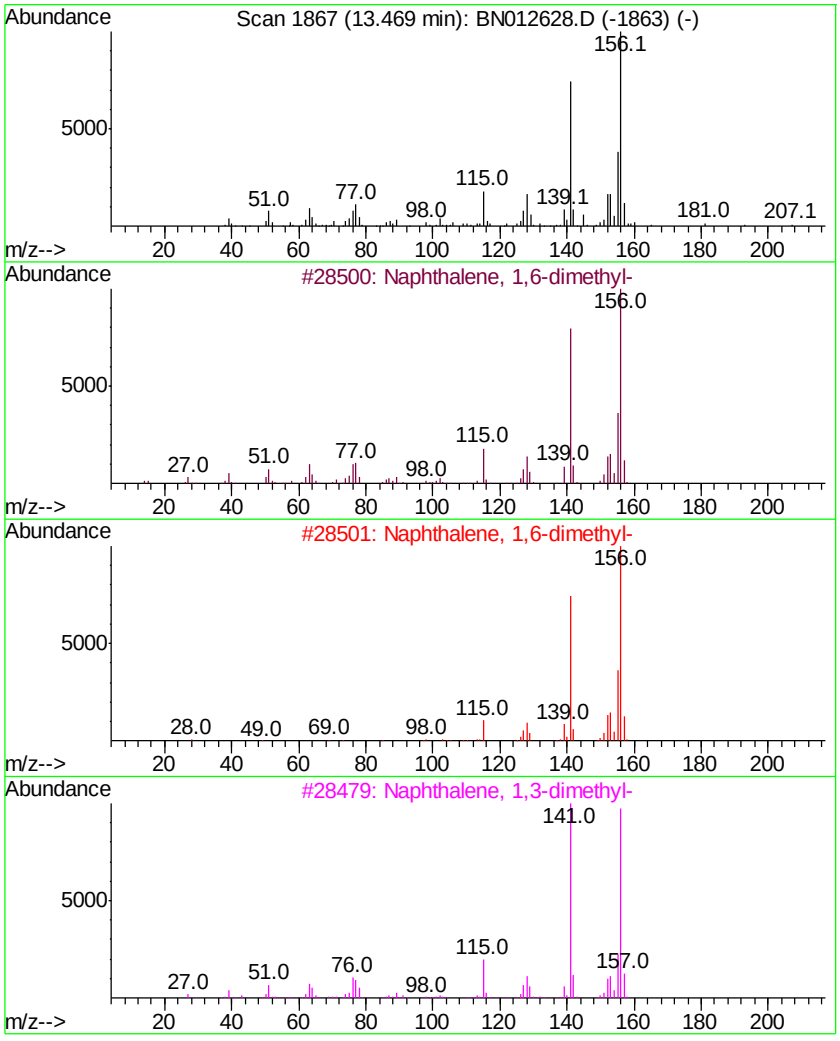
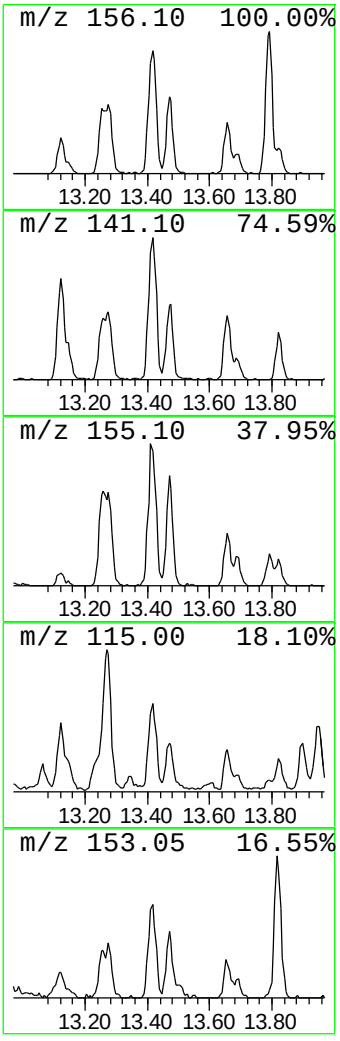
Peak Number 27 Naphthalene, 1,6-dimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	3.02 ng/ul	408641	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Quant Title : SVOA CALIBRATION

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

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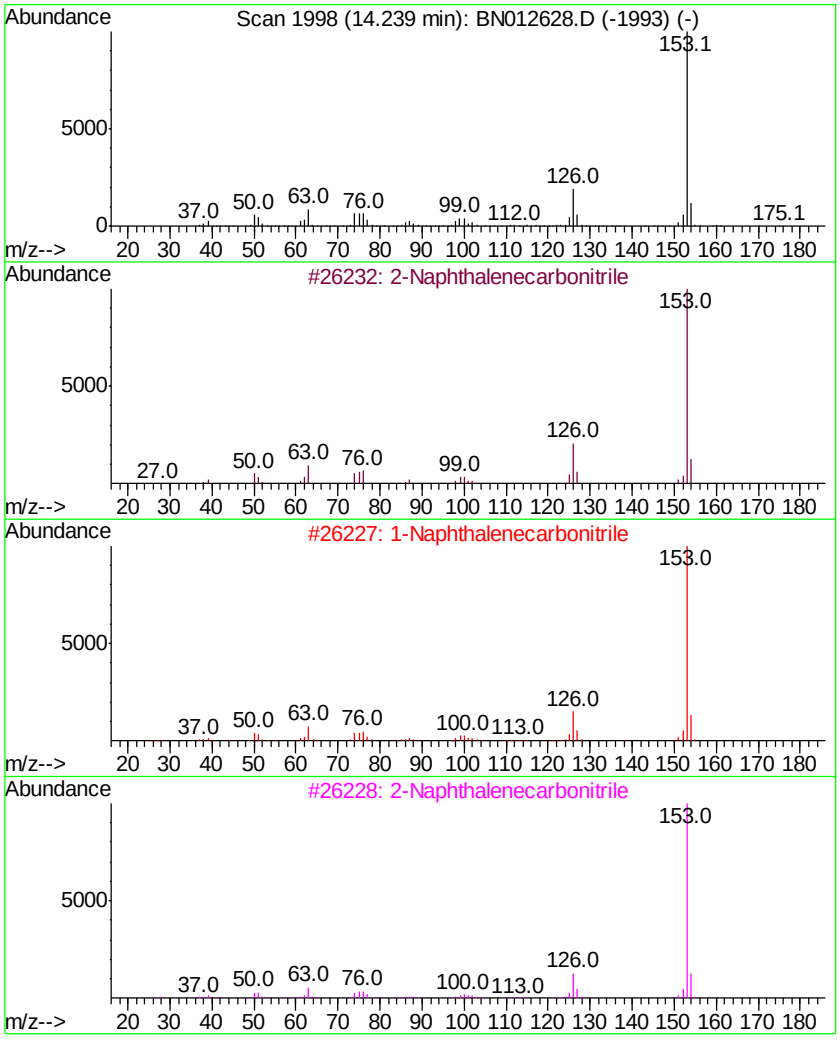
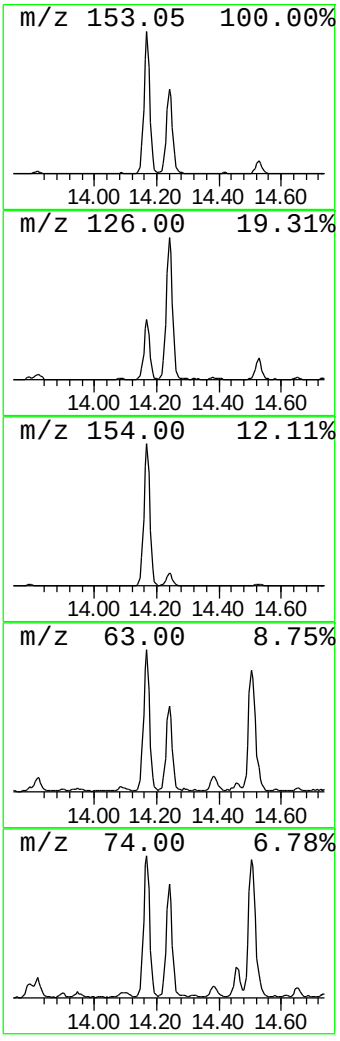
Peak Number 29 2-Naphthalenecarbonitrile Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	23.56 ng/ul	3190110	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	94
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	90
5	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	90





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Quant Title : SVOA CALIBRATION

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

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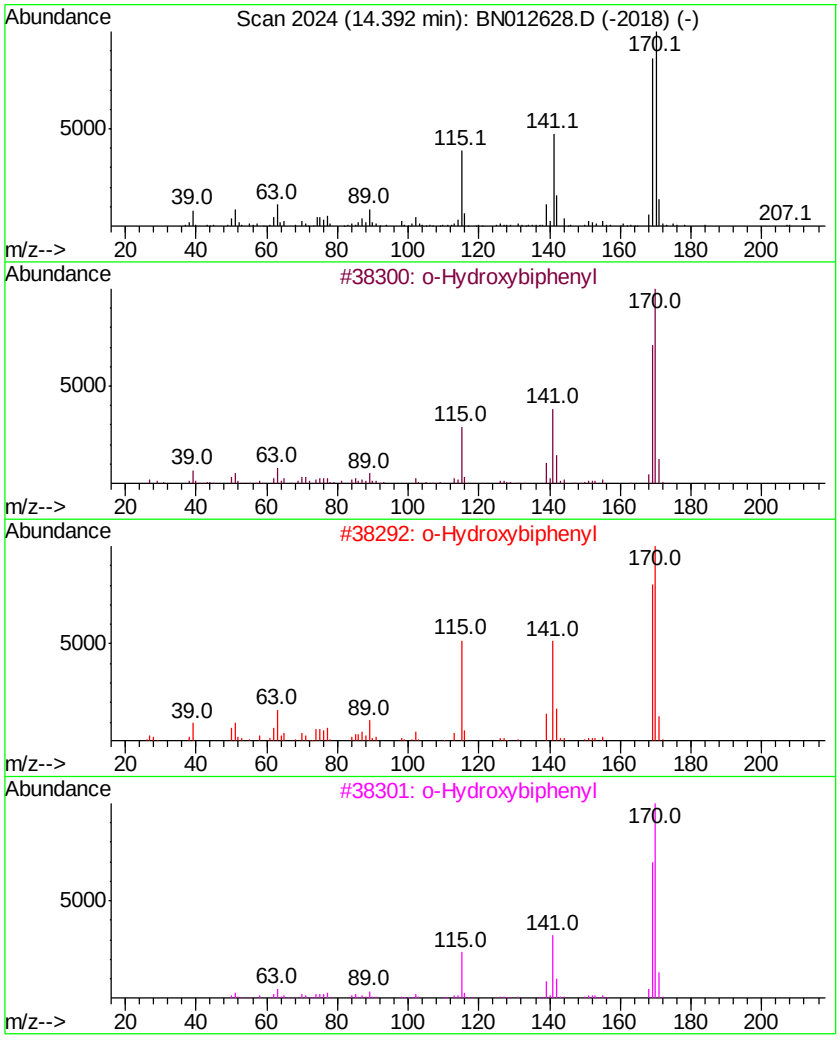
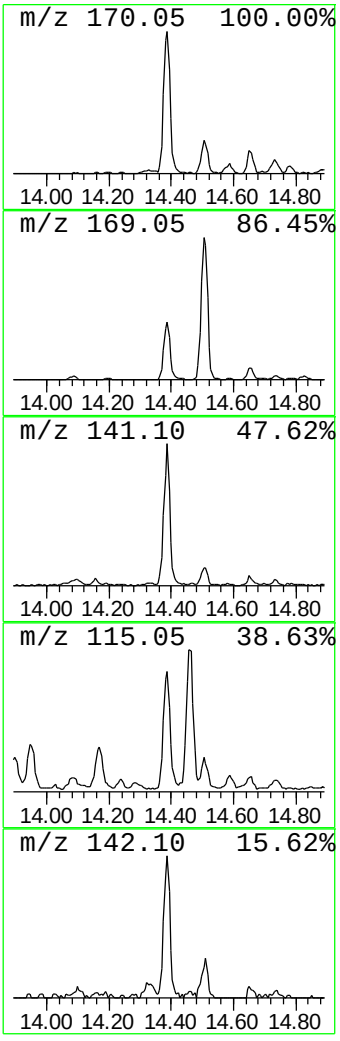
Peak Number 30 o-Hydroxybiphenyl Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	6.90 ng/ul	933730	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	95
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	81





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Quant Title : SVOA CALIBRATION

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

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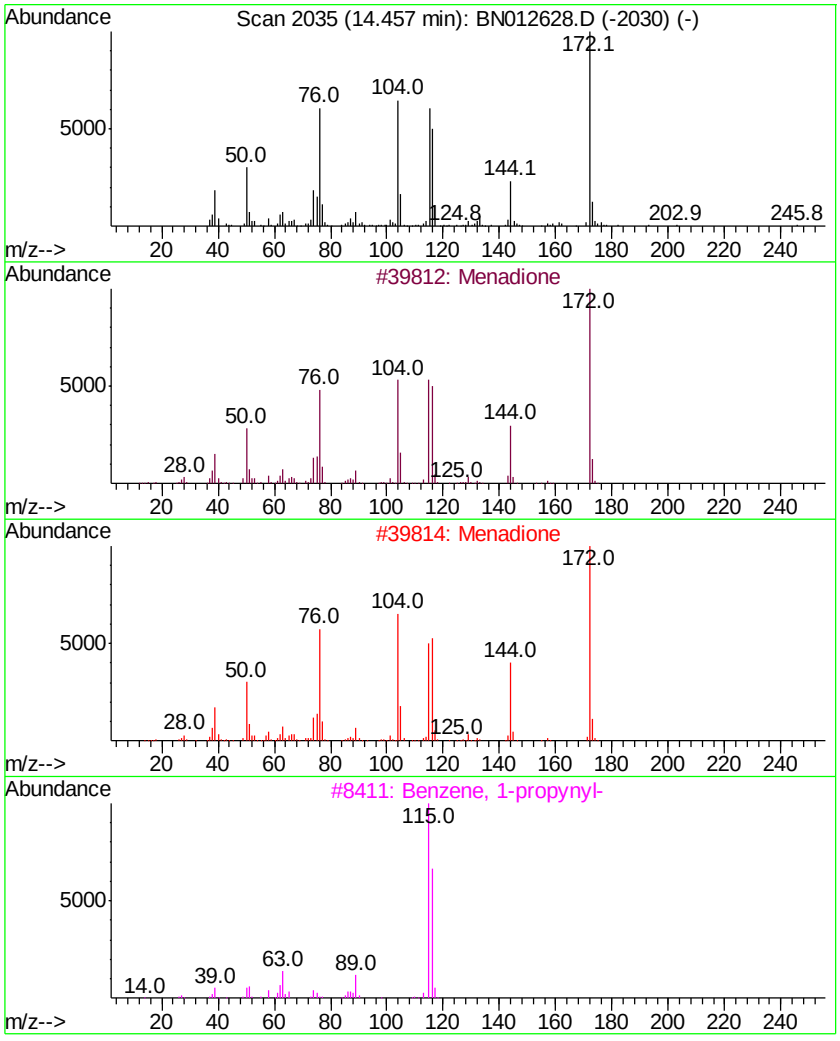
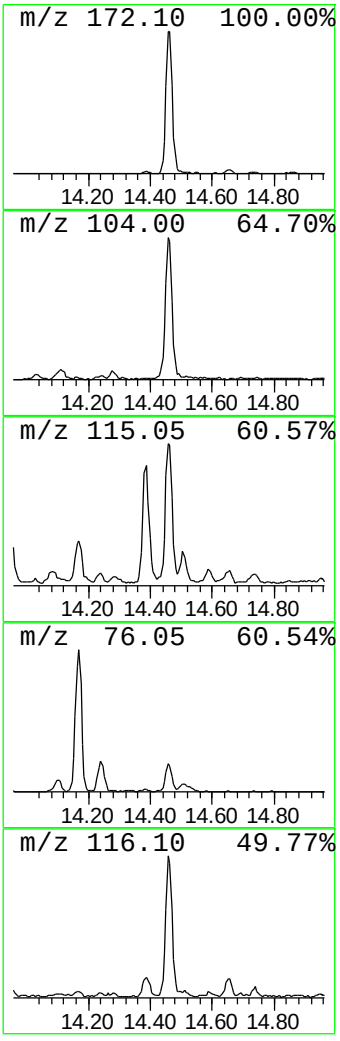
Peak Number 31 Menadione Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	6.37 ng/ul	862232	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Menadione	172	C11H8O2	000058-27-5	94
2	Menadione	172	C11H8O2	000058-27-5	93
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	56
4	2H-Isoindole-2-acetic acid, 1,3-...	231	C12H9NO4	026878-24-0	50
5	4(1H)-Pyrimidinone, 2-phenyl-	172	C10H8N2O	033643-94-6	43





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Quant Title : SVOA CALIBRATION

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

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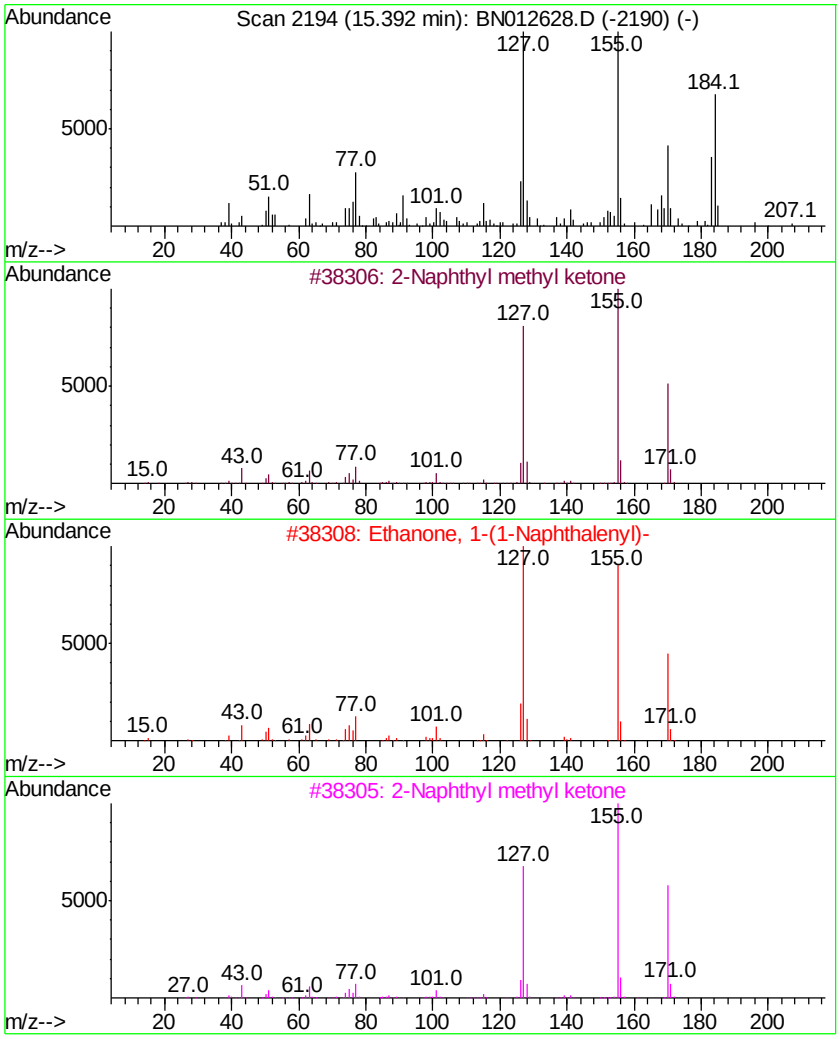
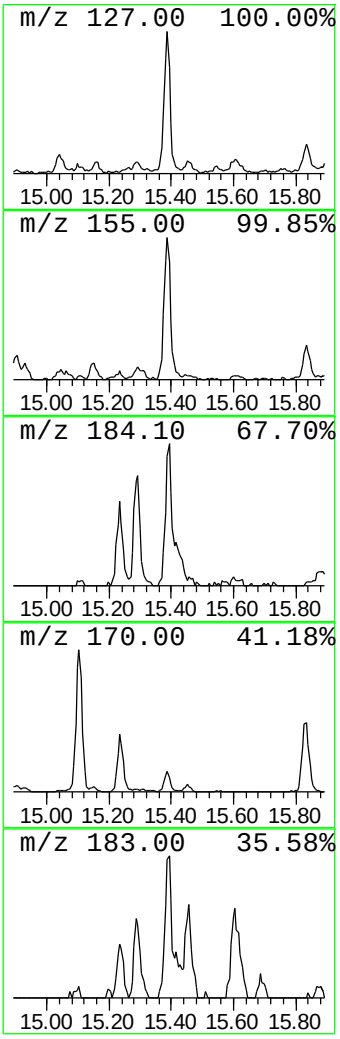
Peak Number 35 2-Naphthyl methyl ketone Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	3.54 ng/ul	479583	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	81
2	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	76
3	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	68
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	68





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Acq On : 19 Nov 2020 12:21
Operator : CG/JU
Sample : L4753-02
Misc :
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Instrument : BNA_N
ClientSampleId : DBGH4

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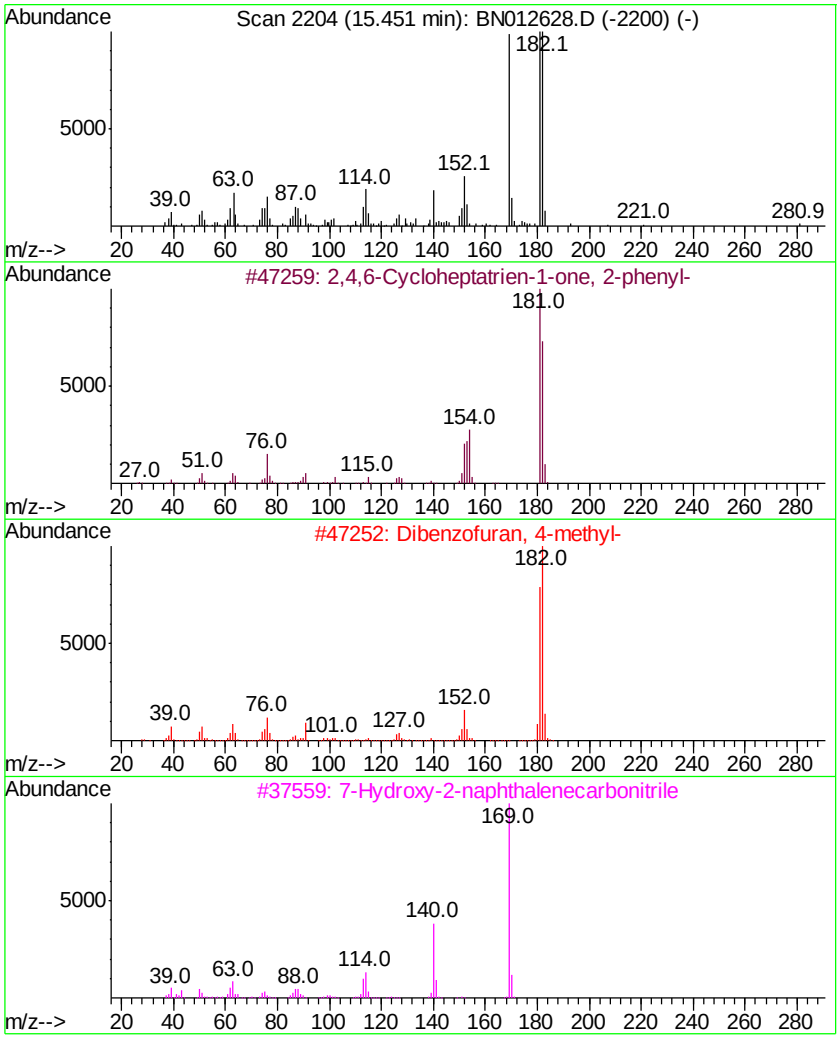
Quant Title : SVOA CALIBRATION

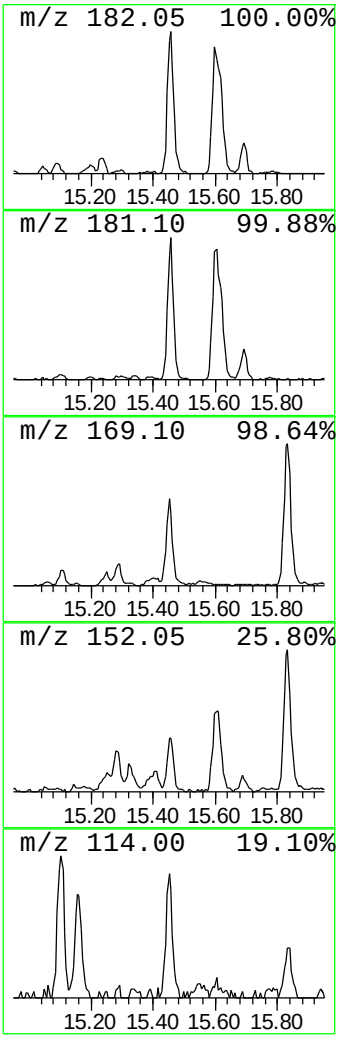
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 2,4,6-Cycloheptatrien-1-one... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	3.54 ng/ul	479567	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	50
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	49
3	7-Hydroxy-2-naphthalenecarbonitrile	169	C11H7NO	1000326-75-0	42
4	Naphthalene, 1-isocyanato-	169	C11H7NO	000086-84-0	38
5	[1,2,4]Triazolo[4,3-a]quinoline	169	C10H7N3	000235-06-3	38





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Quant Title : SVOA CALIBRATION

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

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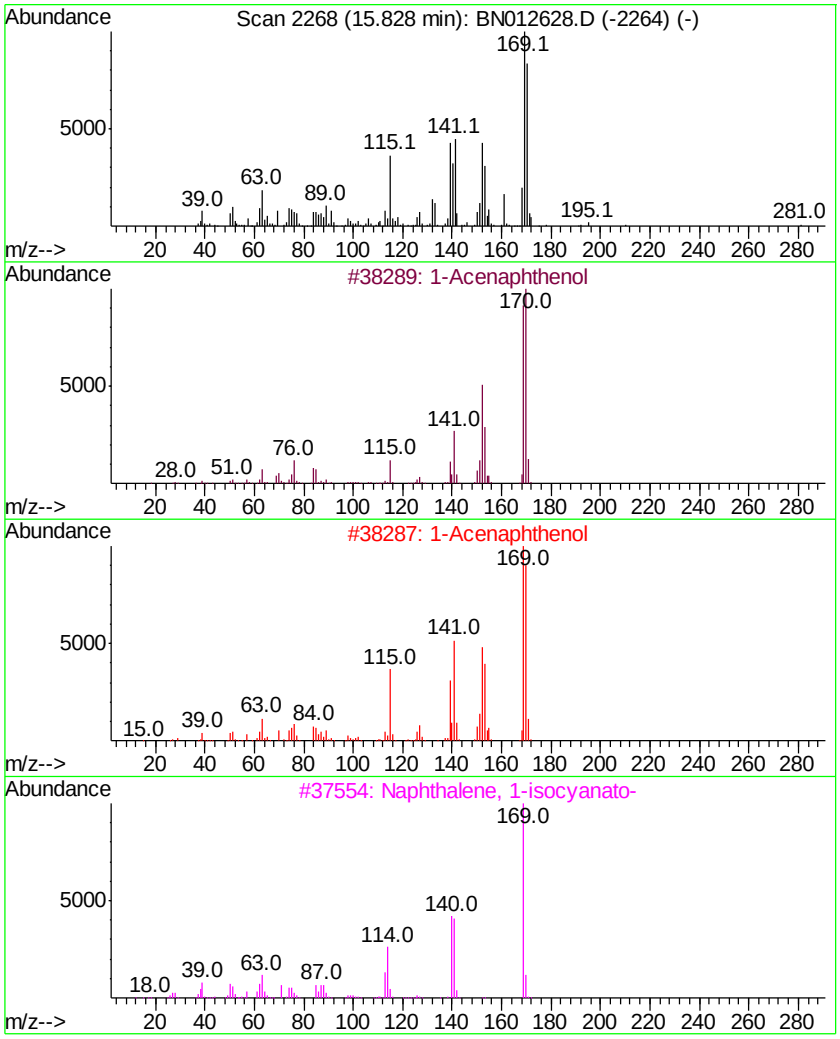
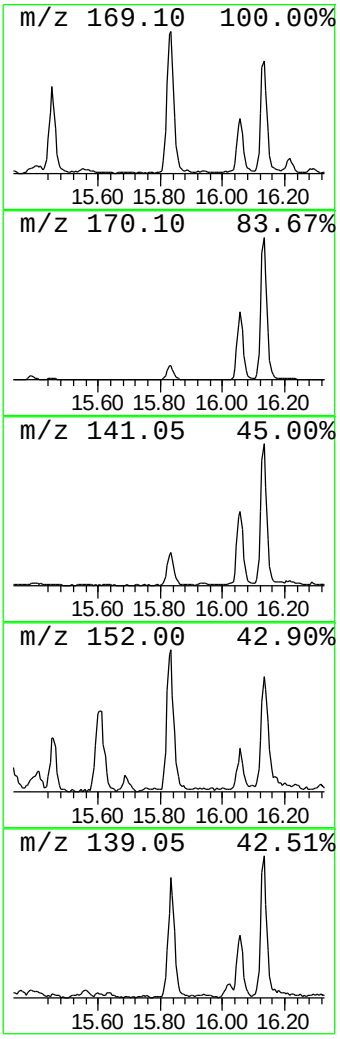
Peak Number 38 1-Acenaphthenol Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	4.92 ng/ul	749298	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthenol	170	C12H10O	006306-07-6	64
2	1-Acenaphthenol	170	C12H10O	006306-07-6	60
3	Naphthalene, 1-isocyanato-	169	C11H7NO	000086-84-0	45
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	43
5	5-Hydroxy-1-naphthalenecarbonitrile	169	C11H7NO	1000326-74-6	35





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ClientSampleId : DBGH4

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Quant Title : SVOA CALIBRATION

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

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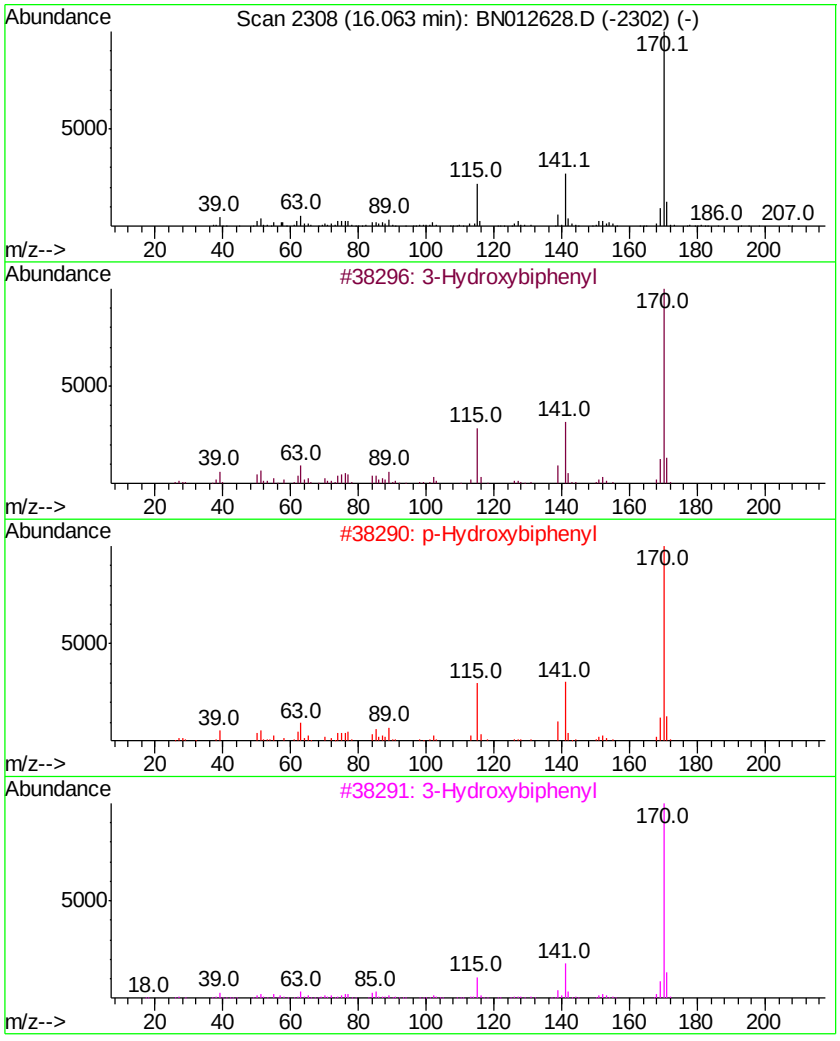
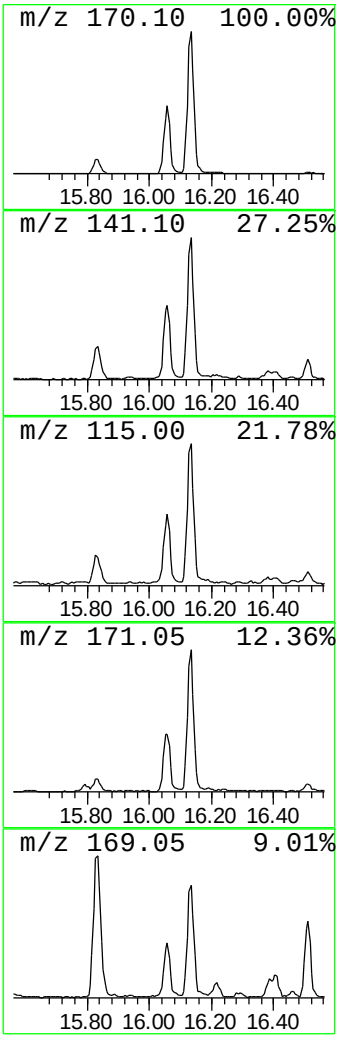
Peak Number 39 3-Hydroxybiphenyl Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	5.51 ng/ul	839739	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	96
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	95
3	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	91
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	90





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Quant Title : SVOA CALIBRATION

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

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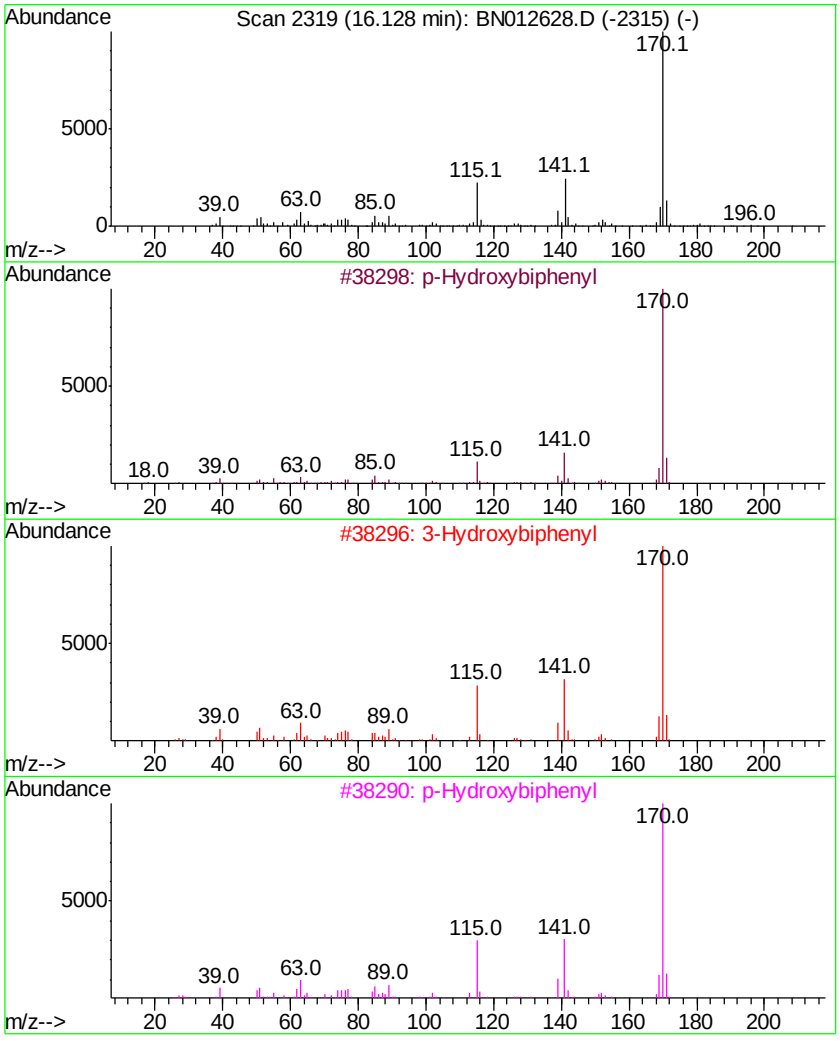
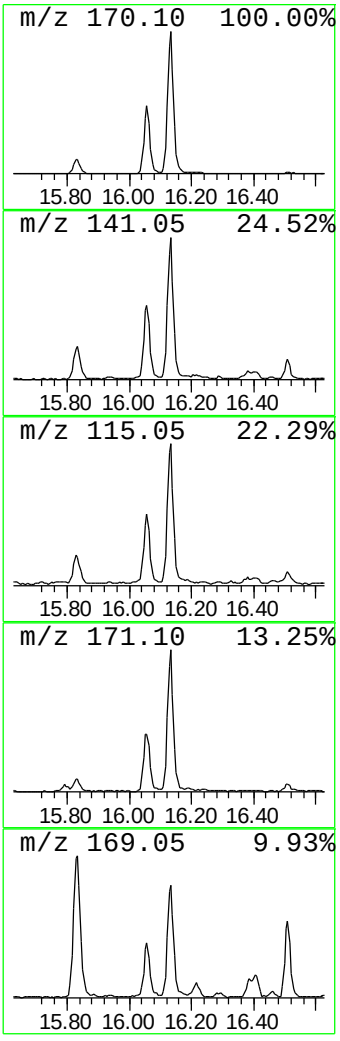
Peak Number 40 p-Hydroxybiphenyl Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	13.82 ng/ul	2104760	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	95
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	94
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	94
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	94
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	94





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Quant Title : SVOA CALIBRATION

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

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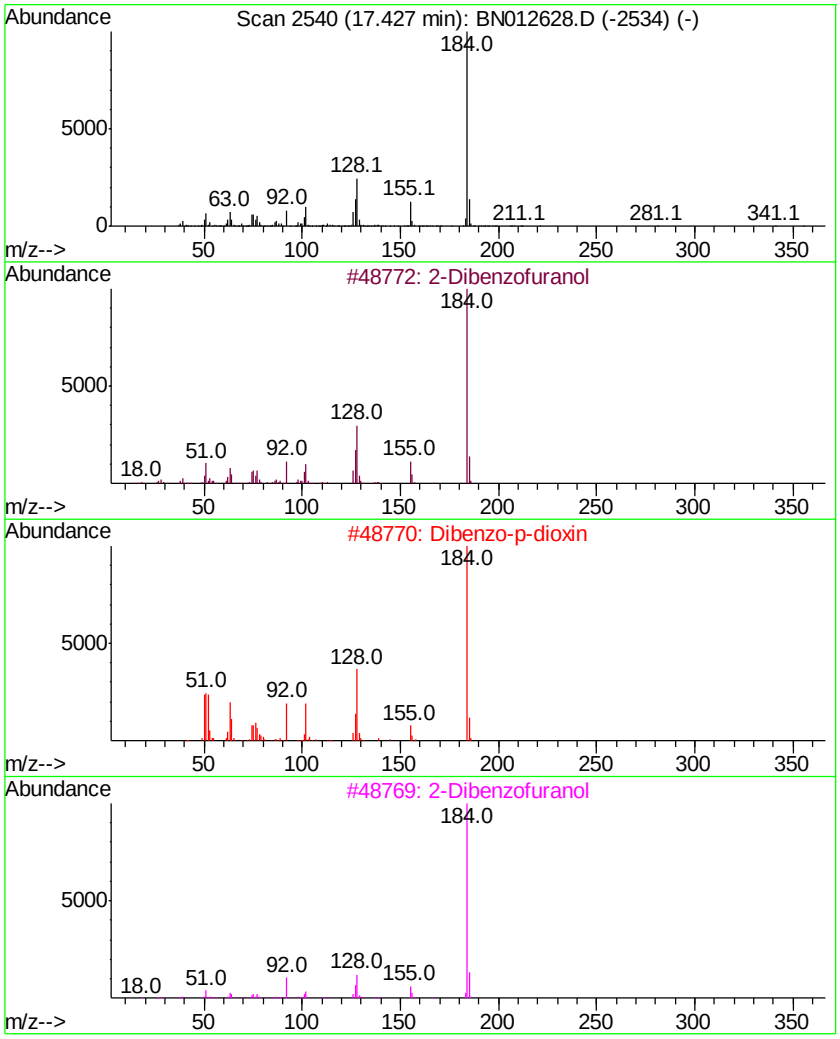
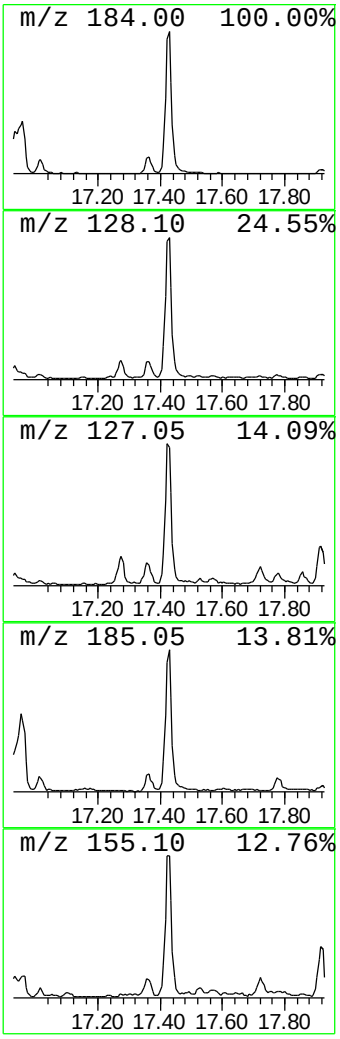
Peak Number 43 2-Dibenzofuranol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	16.19 ng/ul	2465490	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	96
2	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	94
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	86
5	2-Dibenzofuranol	184	C12H8O2	000086-77-1	83





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Quant Title : SVOA CALIBRATION

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

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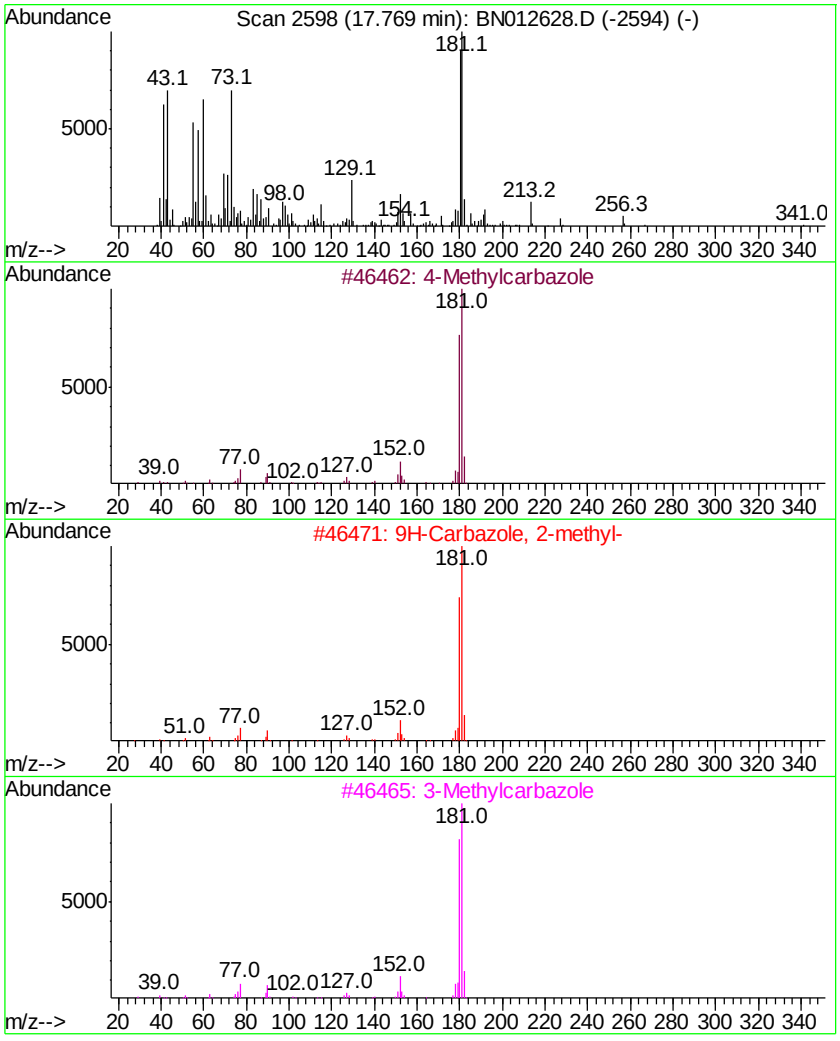
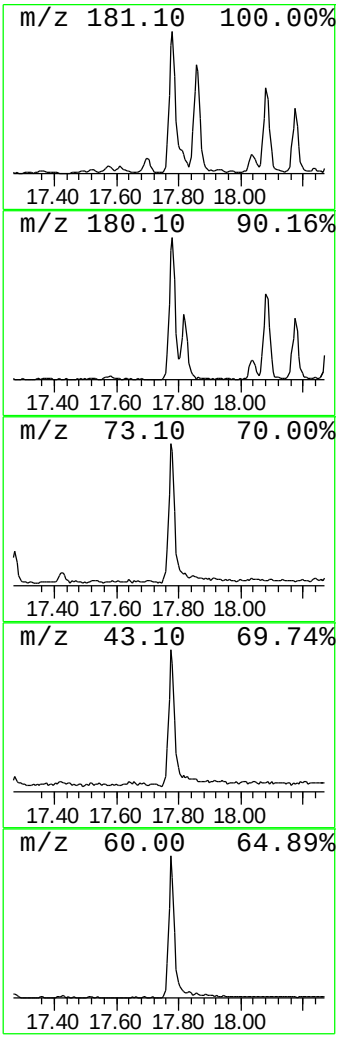
Peak Number 44 4-Methylcarbazole Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	10.13 ng/ul	1542460	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	98
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	97
3	3-Methylcarbazole	181	C13H11N	004630-20-0	96
4	1-Methylcarbazole	181	C13H11N	006510-65-2	96
5	3-Methylcarbazole	181	C13H11N	004630-20-0	95





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Quant Title : SVOA CALIBRATION

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

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Peak Number 46 2-Hydroxyfluorene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	5.56 ng/ul	846228	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	95
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	62
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	59
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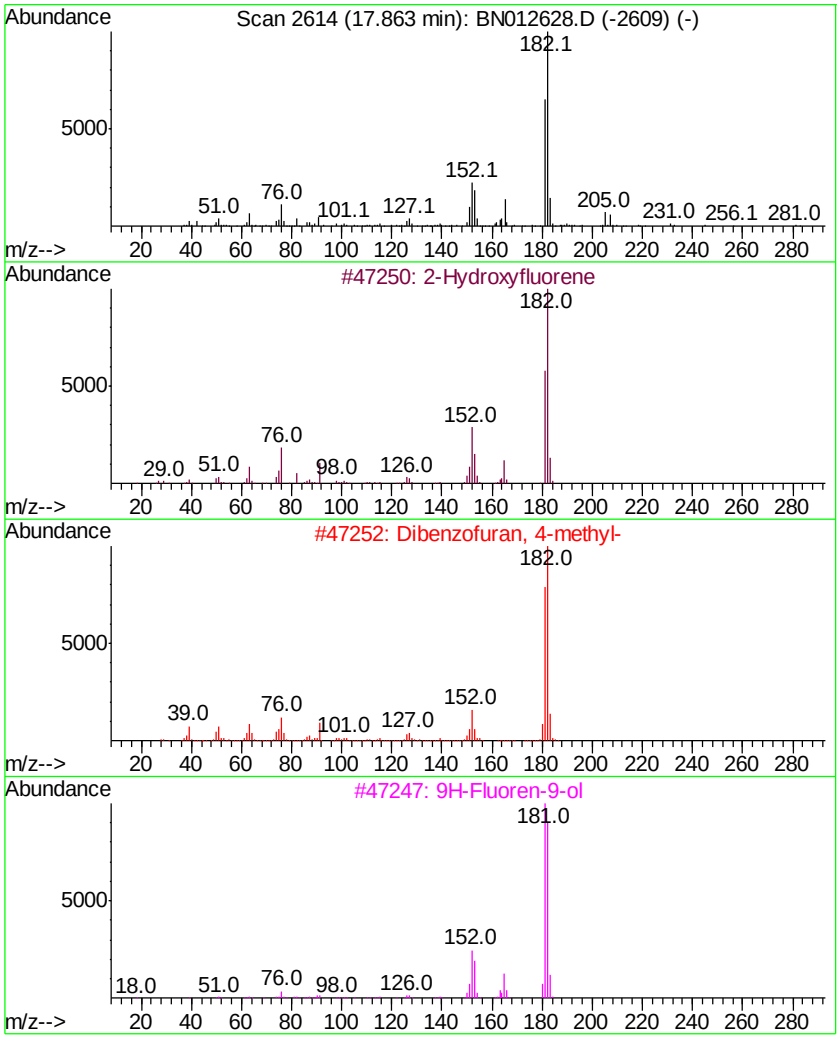

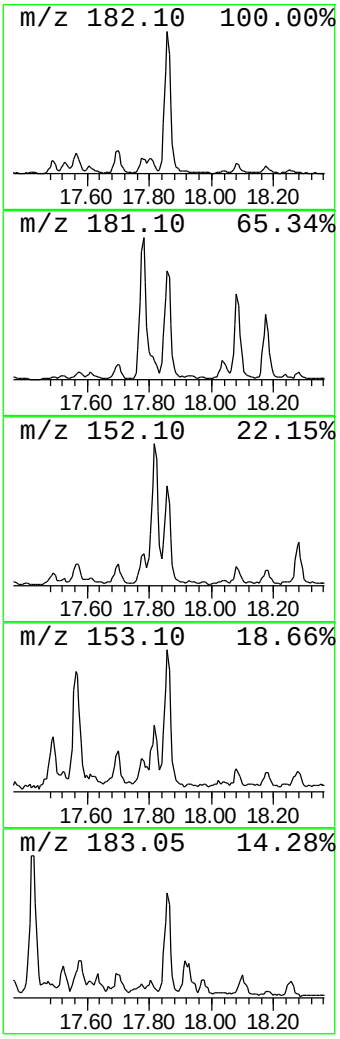

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Quant Title : SVOA CALIBRATION

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

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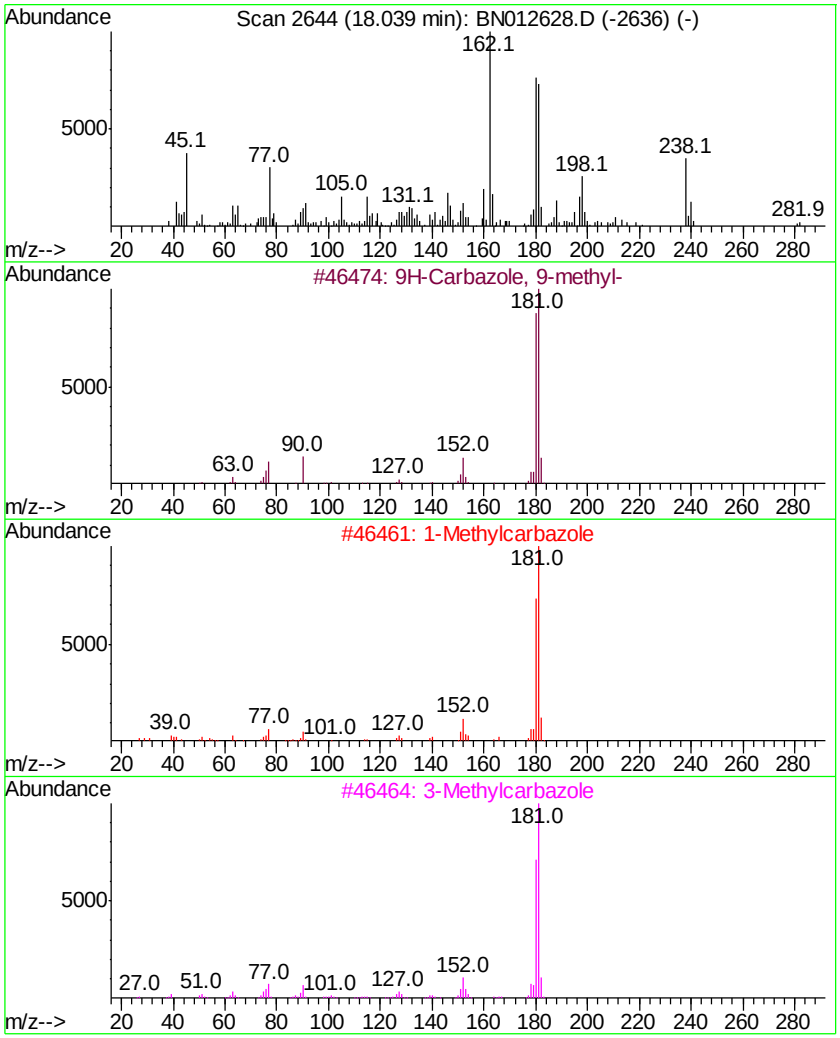
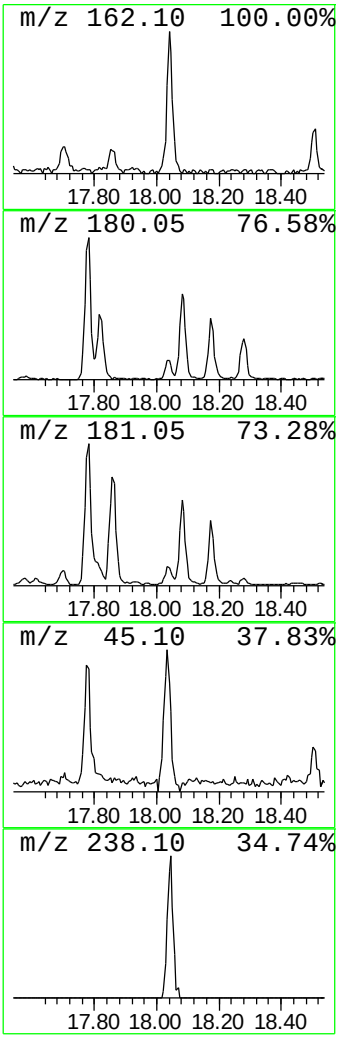
Peak Number 48 9H-Carbazole, 9-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.02 ng/ul	459342	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	50
2	1-Methylcarbazole	181	C13H11N	006510-65-2	50
3	3-Methylcarbazole	181	C13H11N	004630-20-0	50
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	50
5	2-Fluorenamine	181	C13H11N	000153-78-6	45





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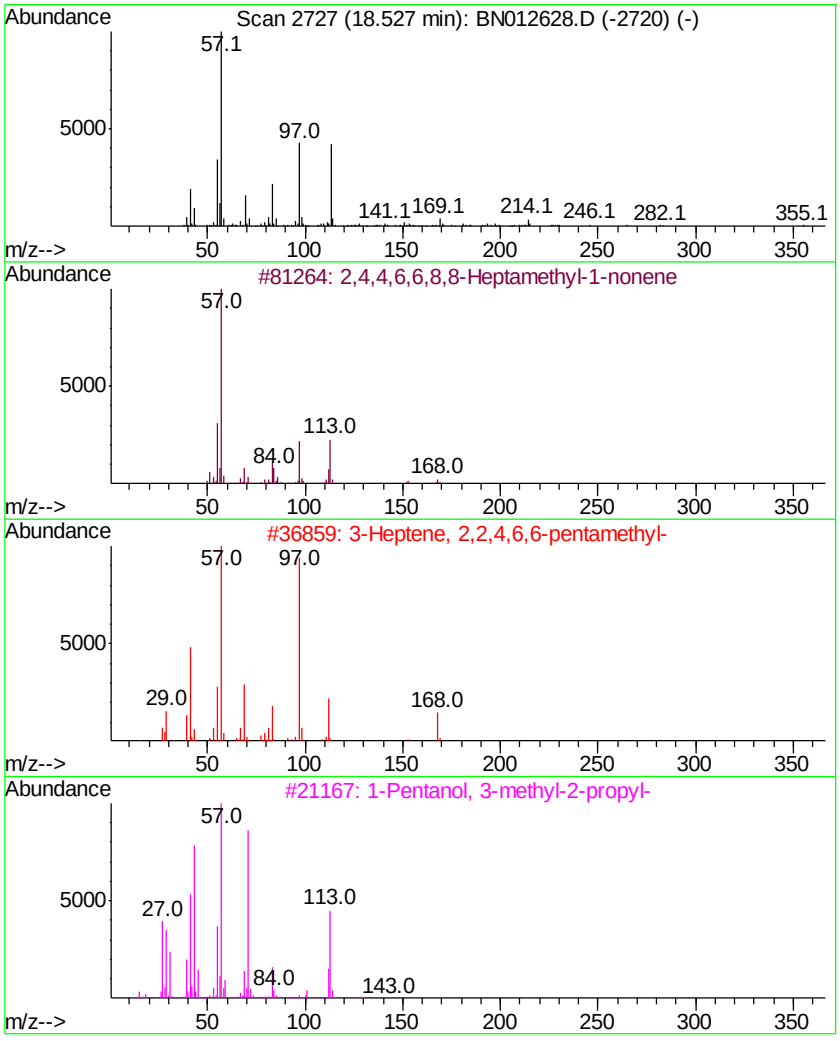
Quant Title : SVOA CALIBRATION

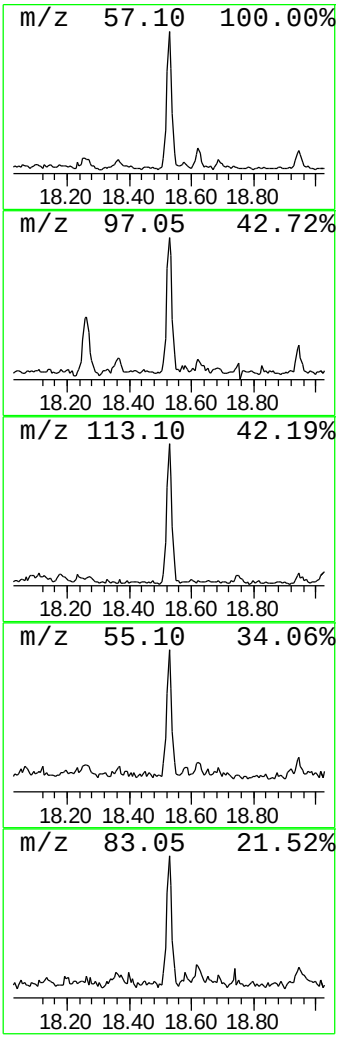
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	2.55 ng/ul	387577	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	78
2	3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	38
3	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	37
4	Cyclohexane, 1,1'-[1,2-bis(1,1-d...	306	C22H42	065149-85-1	25
5	Formic acid, 2,4,4-trimethylpent...	158	C9H18O2	1000368-95-2	25





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Quant Title : SVOA CALIBRATION

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

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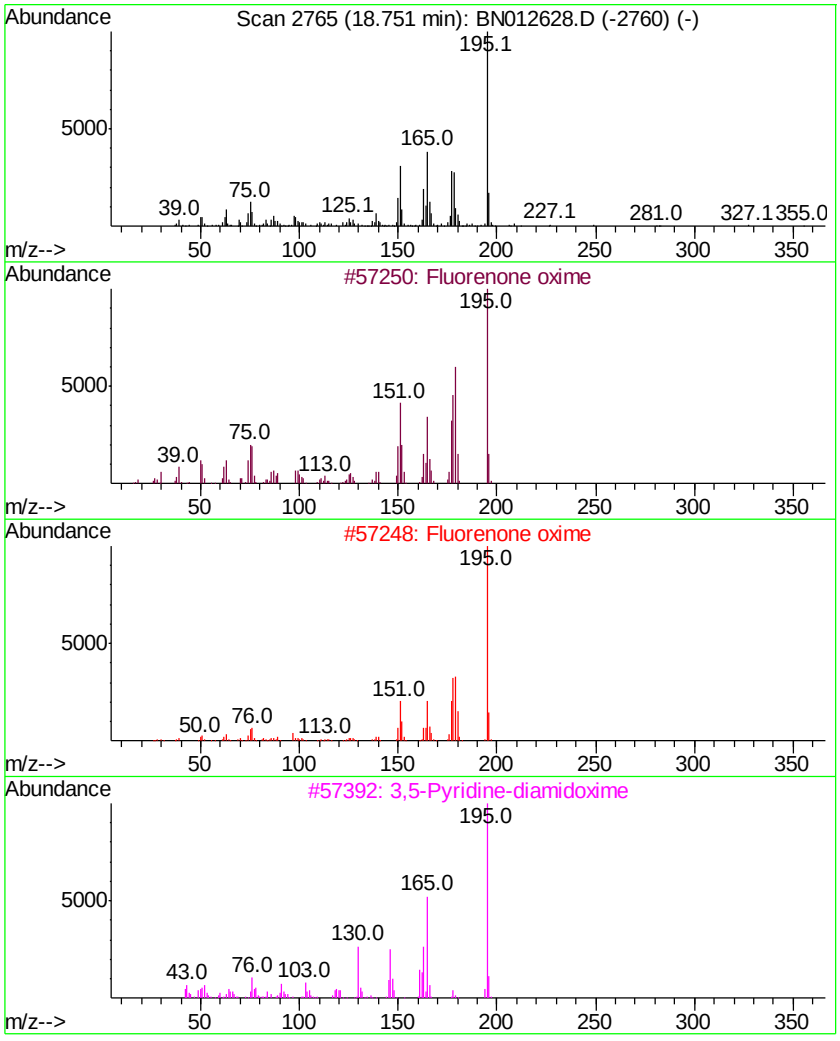
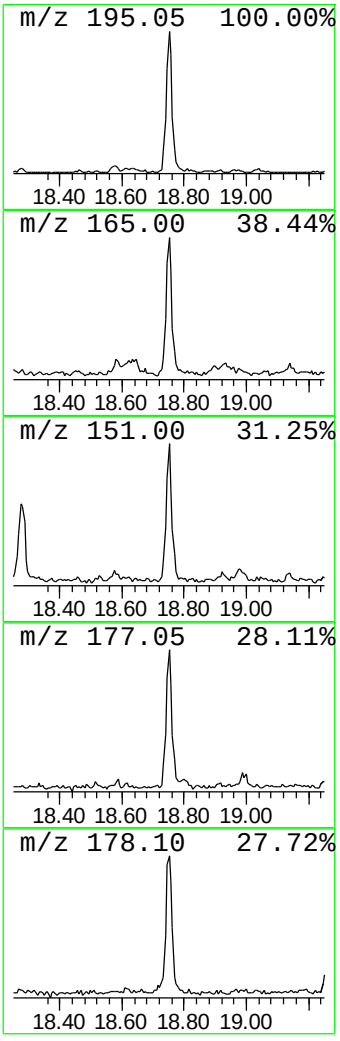
Peak Number 53 Fluorenone oxime Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	3.02 ng/ul	459294	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorenone oxime	195	C13H9NO	002157-52-0	70
2	Fluorenone oxime	195	C13H9NO	002157-52-0	52
3	3,5-Pyridine-diamidoxime	195	C7H9N5O2	1000212-04-1	50
4	3-Methyl-2-azafluorenone	195	C13H9NO	018631-14-6	38
5	Terephthalic acid, ethyl nonyl e...	320	C19H28O4	1000323-74-3	35





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

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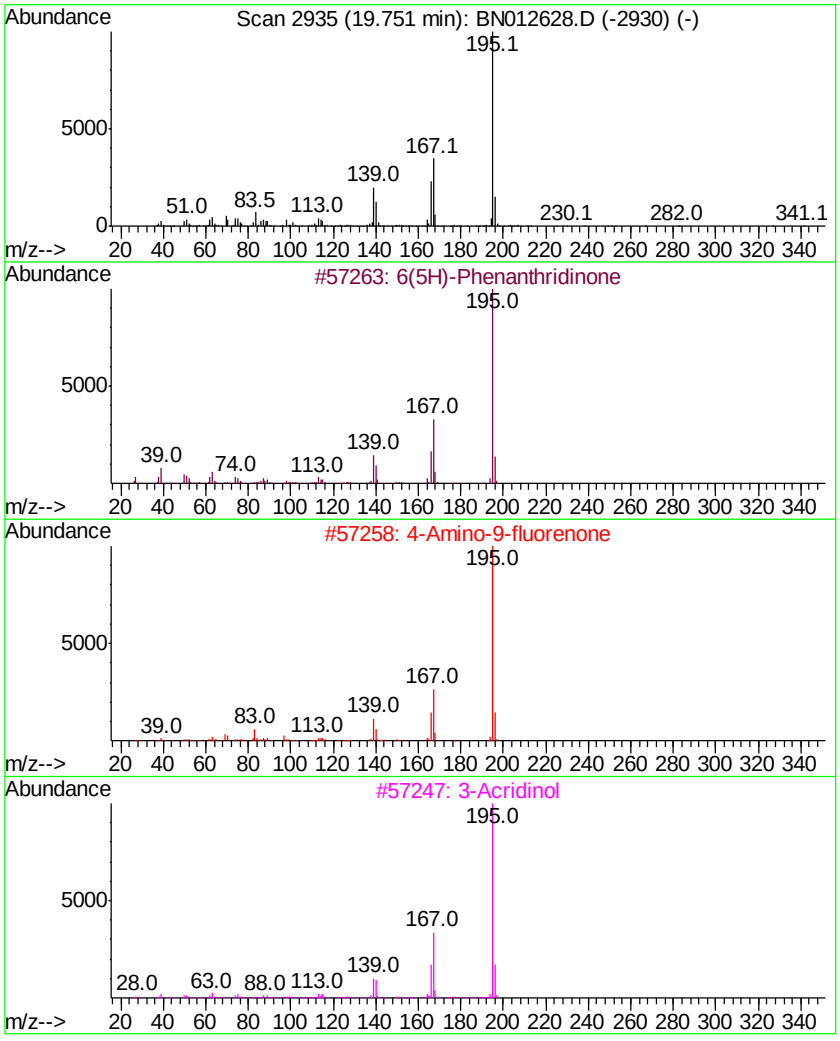
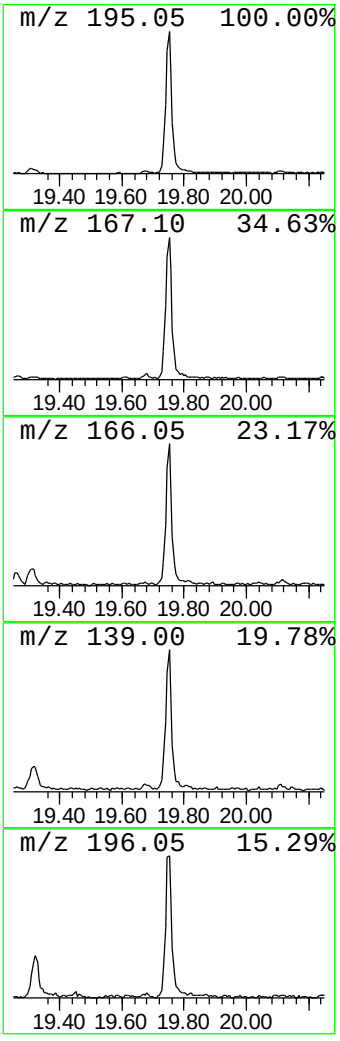
Peak Number 55 6(5H)-Phenanthridinone Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	5.99 ng/ul	962173	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	97
2	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	95
3	3-Acridinol	195	C13H9NO	007132-70-9	94
4	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	94
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012628.D
Acq On : 19 Nov 2020 12:21
Operator : CG/JU
Sample : L4753-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

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

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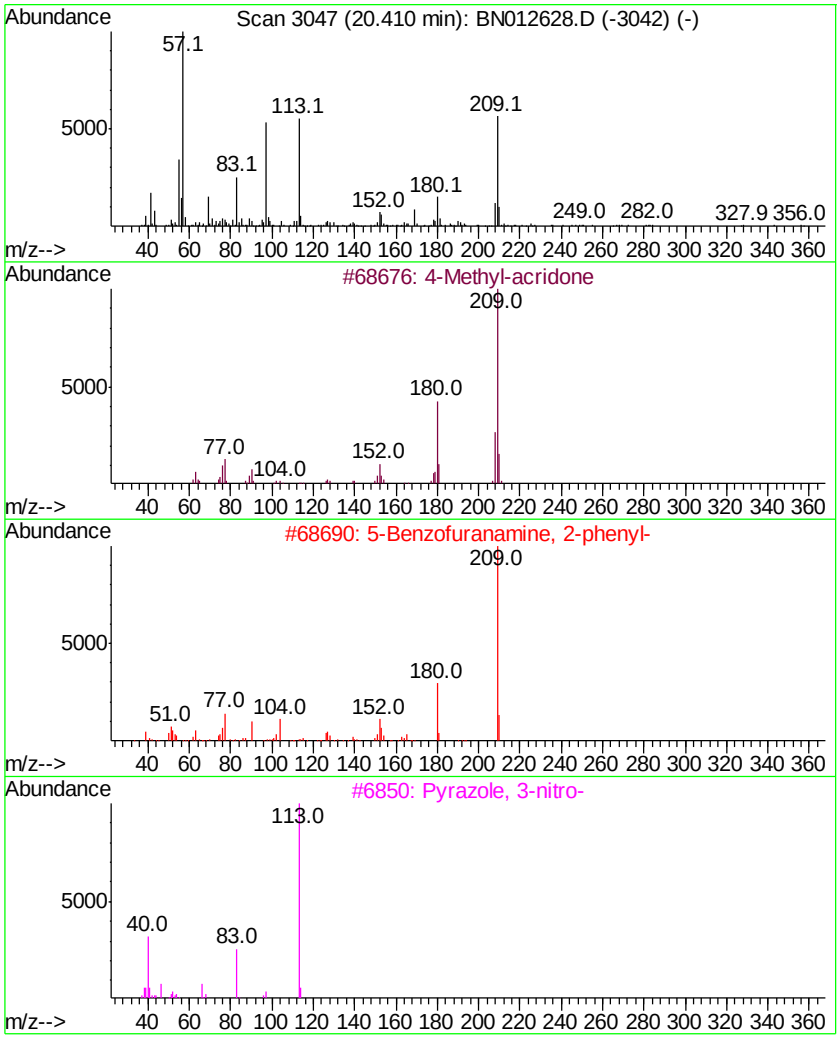
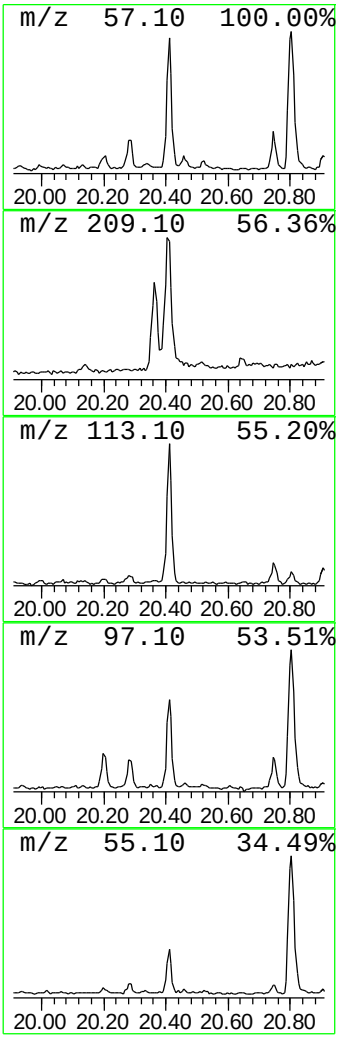
Peak Number 56 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	3.66 ng/ul	587689	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-acridone	209	C14H11NO	068506-36-5	38
2	5-Benzofuranamine, 2-phenyl-	209	C14H11NO	1000362-56-9	35
3	Pyrazole, 3-nitro-	113	C3H3N3O2	026621-44-3	25
4	3-Phenyl-6-methyl-2,1-benzisoxazole	209	C14H11NO	080177-26-0	22
5	9(10H)-Acridinone, 10-methyl-	209	C14H11NO	000719-54-0	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012628.D
Acq On : 19 Nov 2020 12:21
Operator : CG/JU
Sample : L4753-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

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

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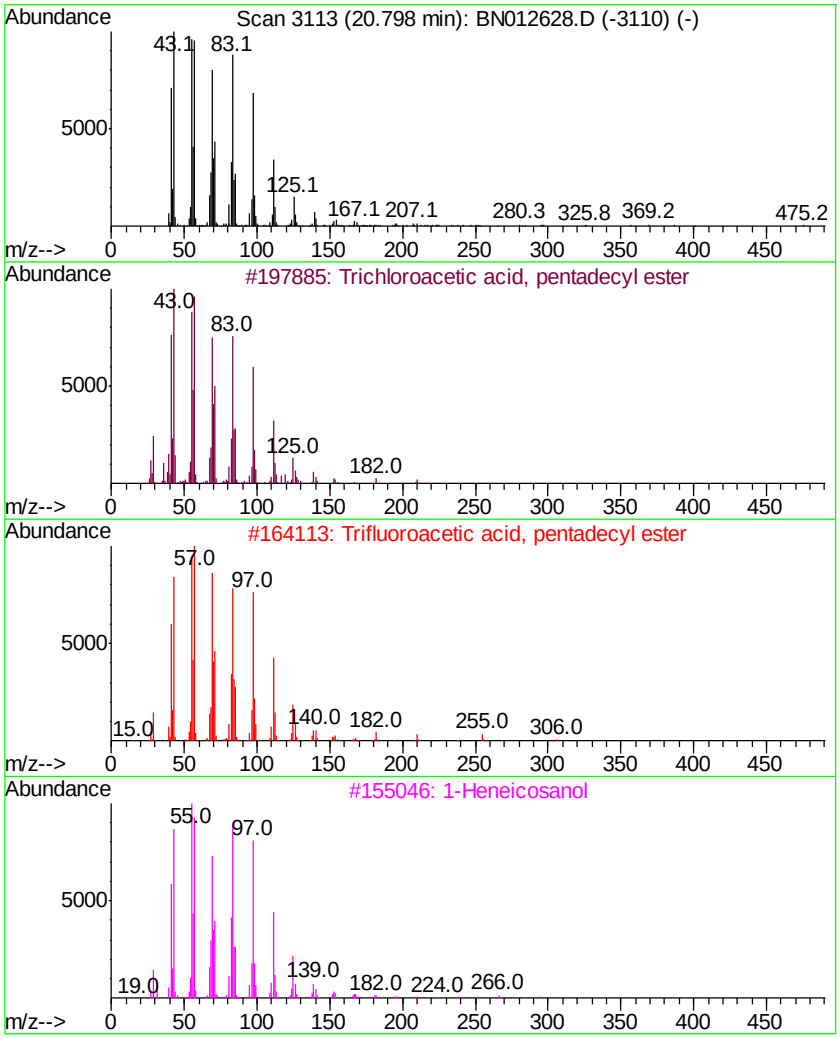
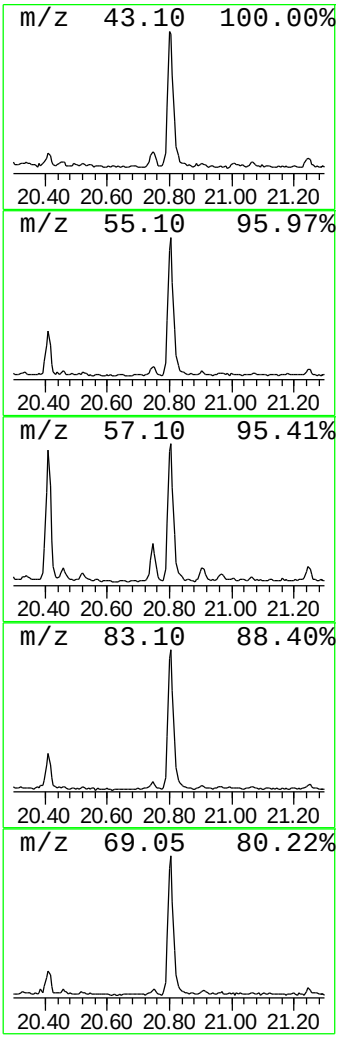
Peak Number 57 Trichloroacetic acid, penta... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	7.20 ng/ul	1156410	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111820\
Data File : BN012628.D
Acq On : 19 Nov 2020 12:21
Operator : CG/JU
Sample : L4753-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.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
(DEL) Alkane: Cyc...	2.63	9.2	ng/ul	558035	1	7.45	1214250	20.0
Butane, 2-methoxy...	2.72	21.4	ng/ul	1300120	1	7.45	1214250	20.0
Benzofuran	7.17	30.1	ng/ul	1826170	1	7.45	1214250	20.0
Indane	7.81	8.6	ng/ul	523552	1	7.45	1214250	20.0
Benzene, 1-propynyl-	7.97	67.0	ng/ul	4070850	1	7.45	1214250	20.0
Benzonitrile, 3-m...	8.29	22.9	ng/ul	1387750	1	7.45	1214250	20.0
Benzofuran, 2-met...	8.91	24.4	ng/ul	1395920	2	10.22	1143340	20.0
Benzo[b]thiophene...	11.77	9.6	ng/ul	546289	2	10.22	1143340	20.0
Naphthalene, 1-me...	12.11	107.9	ng/ul	6166510	2	10.22	1143340	20.0
Naphthalene, 2-et...	13.12	5.0	ng/ul	671608	3	14.10	2707790	20.0
Naphthalene, 2,6-...	13.27	12.4	ng/ul	1677650	3	14.10	2707790	20.0
Naphthalene, 1,4-...	13.42	6.4	ng/ul	870463	3	14.10	2707790	20.0
Naphthalene, 1,6-...	13.47	3.0	ng/ul	408641	3	14.10	2707790	20.0
2-Naphthalenecarb...	14.24	23.6	ng/ul	3190110	3	14.10	2707790	20.0
o-Hydroxybiphenyl	14.39	6.9	ng/ul	933730	3	14.10	2707790	20.0
Menadione	14.46	6.4	ng/ul	862232	3	14.10	2707790	20.0
2-Naphthyl methyl...	15.39	3.5	ng/ul	479583	3	14.10	2707790	20.0
2,4,6-Cycloheptat...	15.45	3.5	ng/ul	479567	3	14.10	2707790	20.0
1-Acenaphthenol	15.83	4.9	ng/ul	749298	4	16.86	3045600	20.0
3-Hydroxybiphenyl	16.06	5.5	ng/ul	839739	4	16.86	3045600	20.0
p-Hydroxybiphenyl	16.13	13.8	ng/ul	2104760	4	16.86	3045600	20.0
2-Dibenzofuranol	17.43	16.2	ng/ul	2465490	4	16.86	3045600	20.0
4-Methylcarbazole	17.77	10.1	ng/ul	1542460	4	16.86	3045600	20.0
2-Hydroxyfluorene	17.86	5.6	ng/ul	846228	4	16.86	3045600	20.0
9H-Carbazole, 9-m...	18.04	3.0	ng/ul	459342	4	16.86	3045600	20.0
(DEL) Alkane: Str...	18.53	2.5	ng/ul	387577	4	16.86	3045600	20.0
Fluorenone oxime	18.75	3.0	ng/ul	459294	4	16.86	3045600	20.0
6(5H)-Phenanthrid...	19.75	6.0	ng/ul	962173	5	21.07	3212980	20.0
unknown-01	20.41	3.7	ng/ul	587689	5	21.07	3212980	20.0
Trichloroacetic a...	20.80	7.2	ng/ul	1156410	5	21.07	3212980	20.0