LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010398.D
Acq On : 02 Apr 2020 18:33
Operator : CG/JU
Sample : L2095-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

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-BN040120MA.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	2.970	27	31	39	rVV	475317	662212	1.17%	0.156%
2	3.246	69	78	91	rBV	2631291	3817592	6.76%	0.897%
3	3.652	142	147	155	rVV	311017	429760	0.76%	0.101%
4	4.164	229	234	242	rBV	712618	1080396	1.91%	0.254%
5	4.334	258	263	271	rVV	1059793	1536244	2.72%	0.361%
6	4.775	329	338	348	rBV	1504198	2228241	3.95%	0.524%
7	5.611	475	480	488	rBV	243656	370832	0.66%	0.087%
8	6.793	674	681	688	rBV	446879	707495	1.25%	0.166%
9	6.952	700	708	717	rBV	1364750	2134579	3.78%	0.502%
10	7.152	735	742	752	rBV	1653233	2619528	4.64%	0.616%
11	7.611	813	820	829	rBV	1514511	2422843	4.29%	0.570%
12	7.981	876	883	892	rVB	354968	555436	0.98%	0.131%
13	8.140	901	910	919	rVB	162219	271623	0.48%	0.064%
14	8.311	933	939	948	rBV	1374315	2109338	3.74%	0.496%
15	8.746	1000	1013	1026	rBV	1720803	2865072	5.07%	0.674%
16	9.458	1126	1134	1143	rBV	1392063	2320021	4.11%	0.545%
17	9.781	1178	1189	1201	rVB4	105322	270189	0.48%	0.064%
18	9.993	1218	1225	1240	rBV	2612168	4330811	7.67%	1.018%
19	10.369	1281	1289	1293	rBV	2308475	3872240	6.86%	0.910%
20	10.422	1293	1298	1305	rVV	9425241	15410201	27.29%	3.623%
21	10.499	1305	1311	1327	rVB2	1875879	3722426	6.59%	0.875%
22	11.904	1540	1550	1557	rBV2	391164	791054	1.40%	0.186%
23	12.034	1564	1572	1580	rVV	5919446	9201835	16.30%	2.163%
24	12.157	1586	1593	1599	rBV3	366741	640032	1.13%	0.150%
25	12.257	1599	1610	1617	rVB	3645723	5777792	10.23%	1.358%
26	13.063	1740	1747	1754	rVB	3013081	4355445	7.71%	1.024%
27	13.263	1775	1781	1793	rVB	960246	1686953	2.99%	0.397%
28	13.398	1793	1804	1805	rBV	804442	1337505	2.37%	0.314%
29	13.557	1823	1831	1836	rBV	1484584	2601442	4.61%	0.612%
30	13.610	1836	1840	1843	rVV	1000254	1454122	2.58%	0.342%
31	13.651	1843	1847	1853	rVV	5321318	7184270	12.72%	1.689%
32	13.793	1859	1871	1875	rVV	798233	1274523	2.26%	0.300%
33	13.922	1886	1893	1898	rBV	5872685	8642294	15.31%	2.032%
34	14.234	1936	1946	1952	rBV2	3986923	7058521	12.50%	1.659%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010398.D
Acq On : 02 Apr 2020 18:33
Operator : CG/JU
Sample : L2095-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

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-BN040120MA.M
Title : SVOA CALIBRATION

35	14.304	1952	1958	1964	rVV	24664378	37229665	65.94%	8.752%
36	14.363	1964	1968	1975	rVB	1012462	1489251	2.64%	0.350%
37	14.434	1975	1980	1983	rBV	421212	678689	1.20%	0.160%
38	14.475	1983	1987	1991	rVV	638155	944494	1.67%	0.222%
39	14.551	1995	2000	2005	rVV	793468	1092866	1.94%	0.257%
40	14.640	2005	2015	2021	rVV	13637130	19277479	34.14%	4.532%
41	14.863	2045	2053	2058	rBV3	164919	349499	0.62%	0.082%
42	14.916	2058	2062	2074	rVB3	206962	341706	0.61%	0.080%
43	15.034	2074	2082	2085	rBV3	155289	312103	0.55%	0.073%
44	15.234	2110	2116	2120	rBV	8030575	11097910	19.66%	2.609%
45	15.293	2120	2126	2131	rVV	17484112	24825910	43.97%	5.836%
46	15.351	2131	2136	2139	rVV	1279407	1800296	3.19%	0.423%
47	15.381	2139	2141	2144	rVV2	562945	843699	1.49%	0.198%
48	15.410	2144	2146	2149	rVV	927287	1212858	2.15%	0.285%
49	15.451	2149	2153	2158	rVV	1806470	2690063	4.76%	0.632%
50	15.498	2158	2161	2164	rVV	344017	496288	0.88%	0.117%
51	15.540	2164	2168	2172	rVV	810353	1142813	2.02%	0.269%
52	15.587	2172	2176	2183	rVV	1577708	2191036	3.88%	0.515%
53	15.734	2195	2201	2208	rVV	1626246	3255418	5.77%	0.765%
54	15.822	2213	2216	2221	rVB	301221	420720	0.75%	0.099%
55	15.957	2232	2239	2245	rVB2	578272	934256	1.65%	0.220%
56	16.087	2253	2261	2268	rBV	1204671	1758159	3.11%	0.413%
57	16.251	2284	2289	2290	rBV	391572	516260	0.91%	0.121%
58	16.292	2291	2296	2301	rVV	1018829	1713761	3.04%	0.403%
59	16.340	2301	2304	2311	rVV	354174	492275	0.87%	0.116%
60	16.439	2316	2321	2327	rVB	463007	743413	1.32%	0.175%
61	16.604	2345	2349	2351	rVV3	215333	297960	0.53%	0.070%
62	16.634	2351	2354	2364	rVB2	285164	494525	0.88%	0.116%
63	16.739	2364	2372	2376	rBV3	311587	694898	1.23%	0.163%
64	16.798	2376	2382	2397	rVB	3660761	5223452	9.25%	1.228%
65	16.981	2408	2413	2416	rBV	4899721	7176089	12.71%	1.687%
66	17.034	2416	2422	2426	rVV2	35900486	56458324	100.00%	13.273%
67	17.081	2426	2430	2434	rVV	8889826	12962518	22.96%	3.047%
68	17.116	2434	2436	2442	rVV	2467330	2803823	4.97%	0.659%
69	17.175	2442	2446	2453	rVB4	362897	553736	0.98%	0.130%
70	17.381	2471	2481	2487	rBV	3938674	5548820	9.83%	1.304%
71	17.504	2499	2502	2506	rVB3	255954	333534	0.59%	0.078%

LSC Area Percent Report

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Data File : BN010398.D
Acq On : 02 Apr 2020 18:33
Operator : CG/JU
Sample : L2095-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

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-BN040120MA.M
Title : SVOA CALIBRATION

72	17.704	2533	2536	2544	rVB3	139068	292693	0.52%	0.069%
73	17.857	2557	2562	2566	rVV	1207934	1595276	2.83%	0.375%
74	17.904	2566	2570	2577	rVB	1899554	2595914	4.60%	0.610%
75	17.981	2577	2583	2588	rBV3	255958	494473	0.88%	0.116%
76	18.051	2588	2595	2599	rBV	4124609	5942361	10.53%	1.397%
77	18.086	2599	2601	2606	rVB	467585	533681	0.95%	0.125%
78	18.157	2607	2613	2616	rBV	190209	283005	0.50%	0.067%
79	18.198	2616	2620	2624	rVV	315488	430622	0.76%	0.101%
80	18.292	2632	2636	2643	rVV2	258853	380512	0.67%	0.089%
81	18.363	2643	2648	2651	rVV	730695	991992	1.76%	0.233%
82	18.392	2651	2653	2659	rVB	383552	493082	0.87%	0.116%
83	18.781	2712	2719	2725	rVB5	112736	271451	0.48%	0.064%
84	19.045	2751	2764	2770	rBV	10886320	14438474	25.57%	3.394%
85	19.233	2791	2796	2803	rVV	7803093	9961284	17.64%	2.342%
86	19.286	2803	2805	2815	rVV2	390901	640484	1.13%	0.151%
87	19.381	2815	2821	2824	rVV	13067395	18118643	32.09%	4.260%
88	19.410	2824	2826	2835	rVV	6068339	7026072	12.44%	1.652%
89	19.786	2883	2890	2895	rVV2	589720	1002757	1.78%	0.236%
90	19.851	2896	2901	2903	rVV	698404	976980	1.73%	0.230%
91	19.875	2903	2905	2908	rVV	551233	671707	1.19%	0.158%
92	19.910	2908	2911	2915	rVB	393595	495436	0.88%	0.116%
93	20.016	2924	2929	2933	rVB2	428830	567618	1.01%	0.133%
94	21.180	3119	3127	3132	rBV	7521570	10347686	18.33%	2.433%
95	22.257	3307	3310	3315	rVB2	260212	319489	0.57%	0.075%
96	22.745	3390	3393	3398	rVB2	339416	432857	0.77%	0.102%
97	23.221	3467	3474	3482	rBV	9998476	18260412	32.34%	4.293%
98	23.292	3483	3486	3490	rVV	405046	622004	1.10%	0.146%
99	23.357	3491	3497	3506	rVB	5844171	10484478	18.57%	2.465%
100	23.916	3589	3592	3601	rVB3	323743	551410	0.98%	0.130%

Sum of corrected areas: 425364286

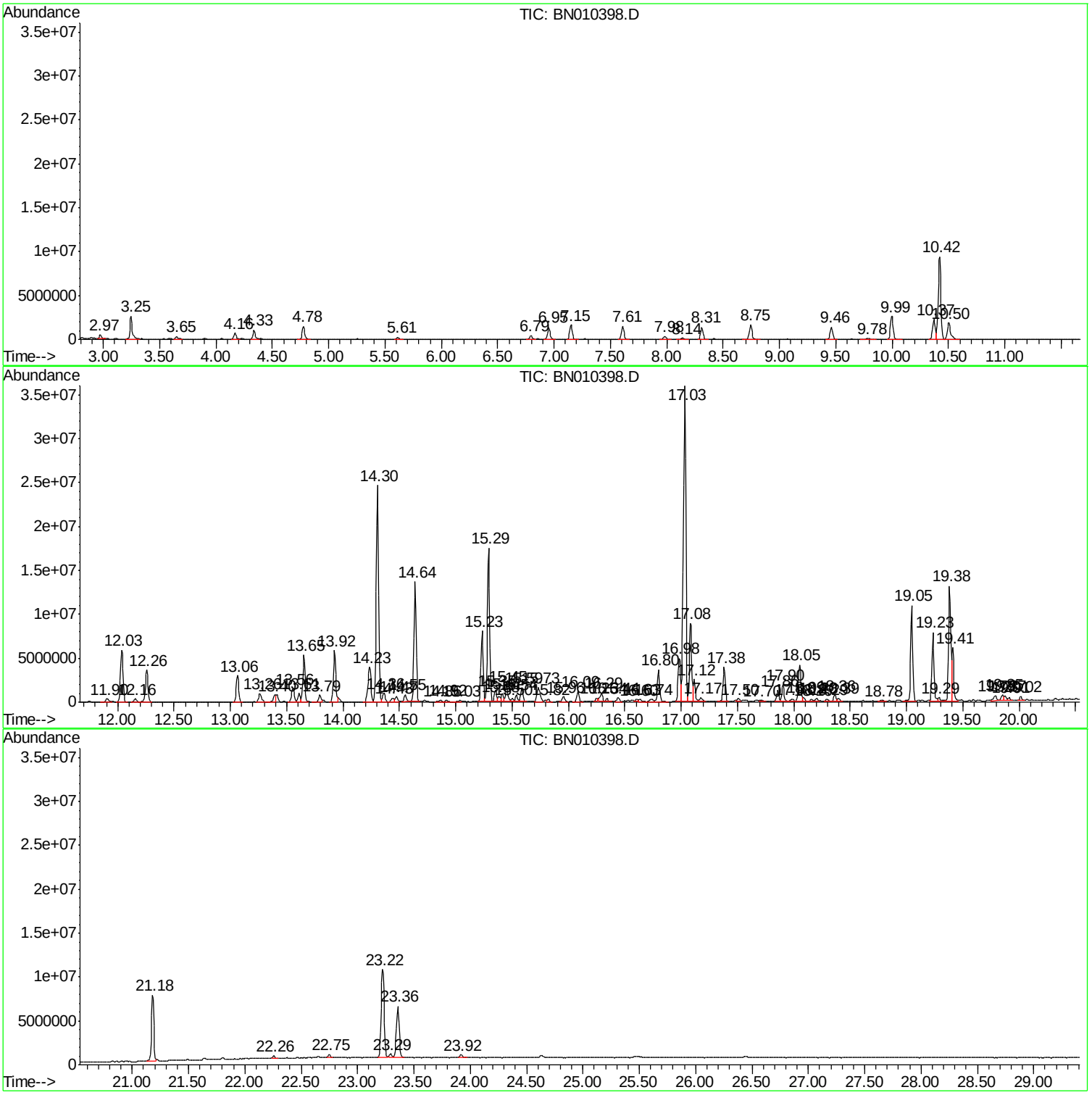
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010398.D
Acq On : 02 Apr 2020 18:33
Operator : CG/JU
Sample : L2095-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.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\BN040120\
Data File : BN010398.D
Acq On : 02 Apr 2020 18:33
Operator : CG/JU
Sample : L2095-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

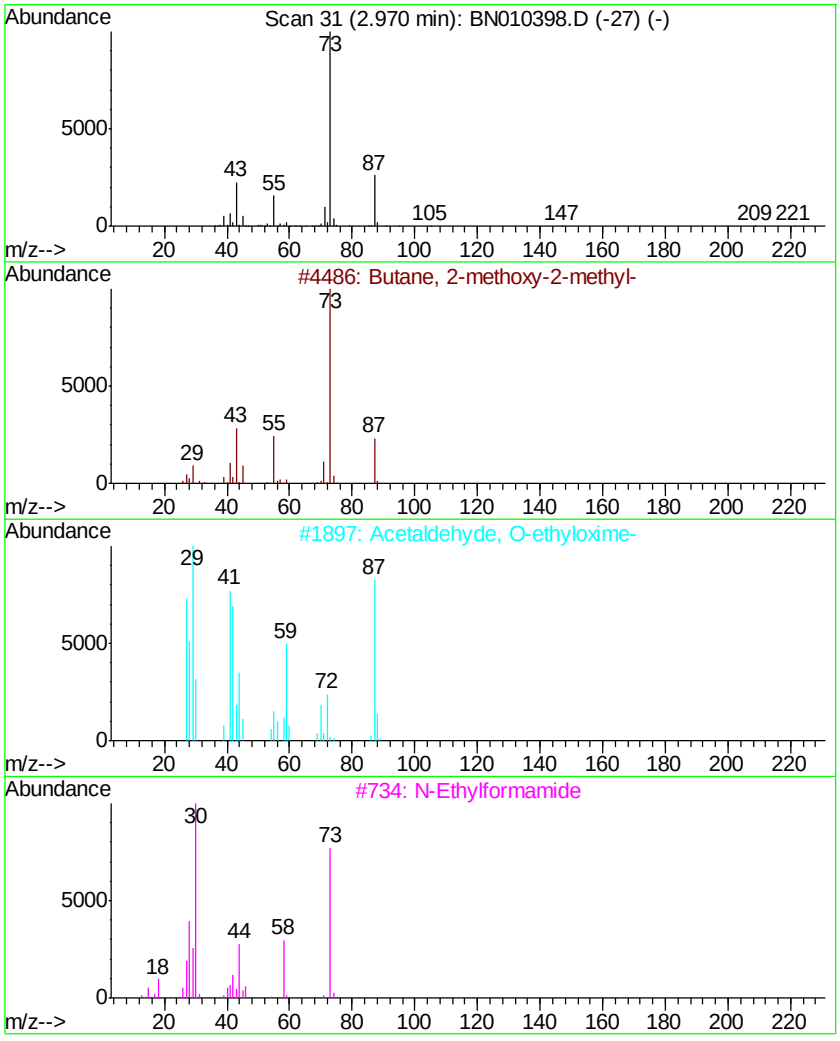
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

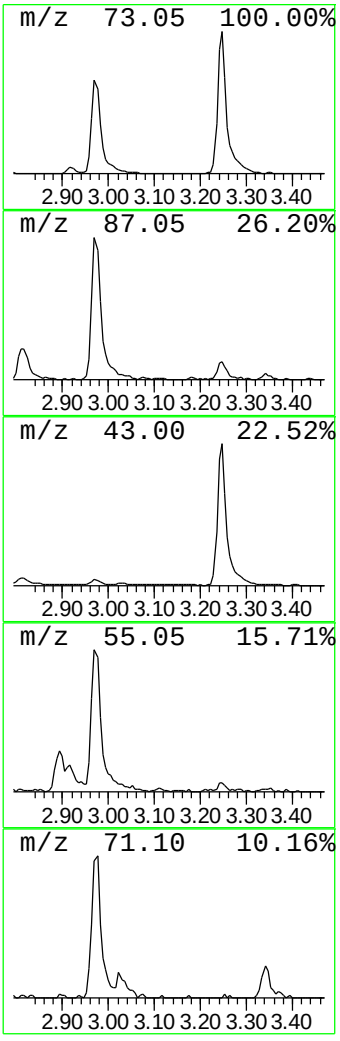
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	5.47 ng/ul	662212	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010398.D
Acq On : 02 Apr 2020 18:33
Operator : CG/JU
Sample : L2095-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

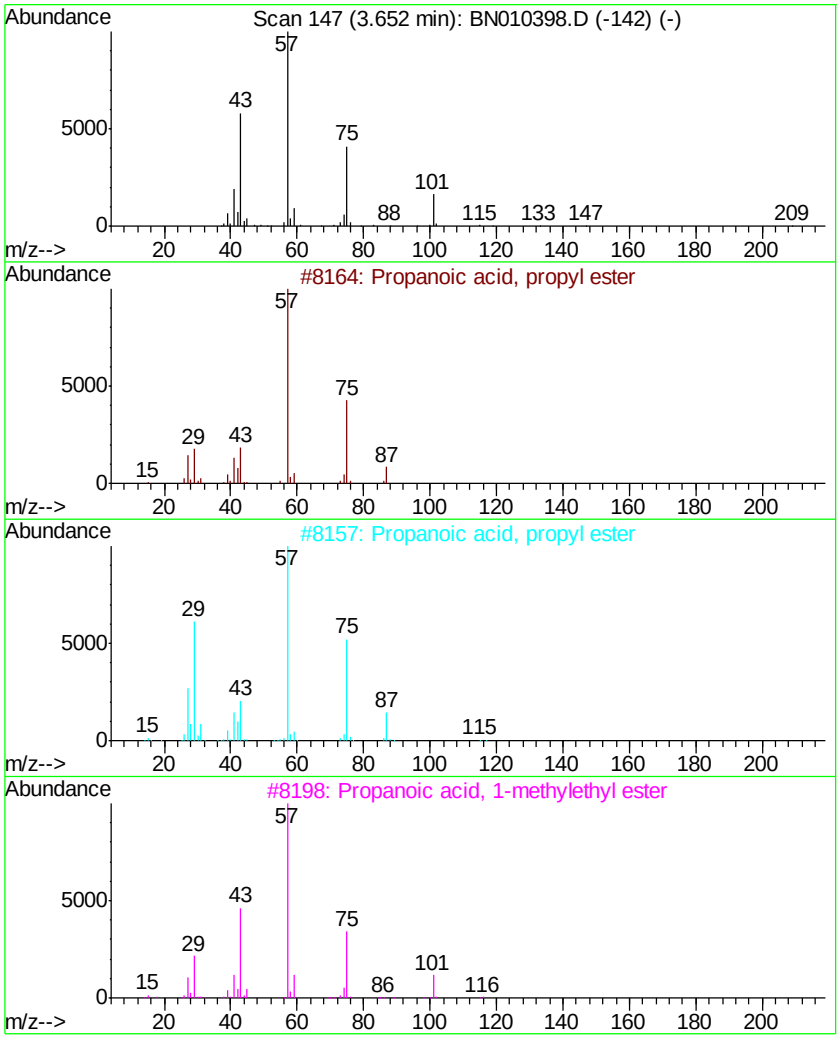
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

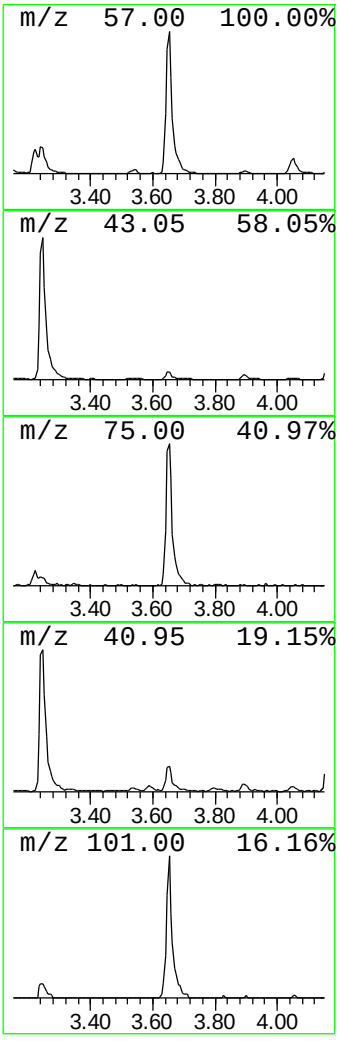
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Propanoic acid, propyl ester Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	3.55 ng/ul	429760	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	72
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010398.D
Acq On : 02 Apr 2020 18:33
Operator : CG/JU
Sample : L2095-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

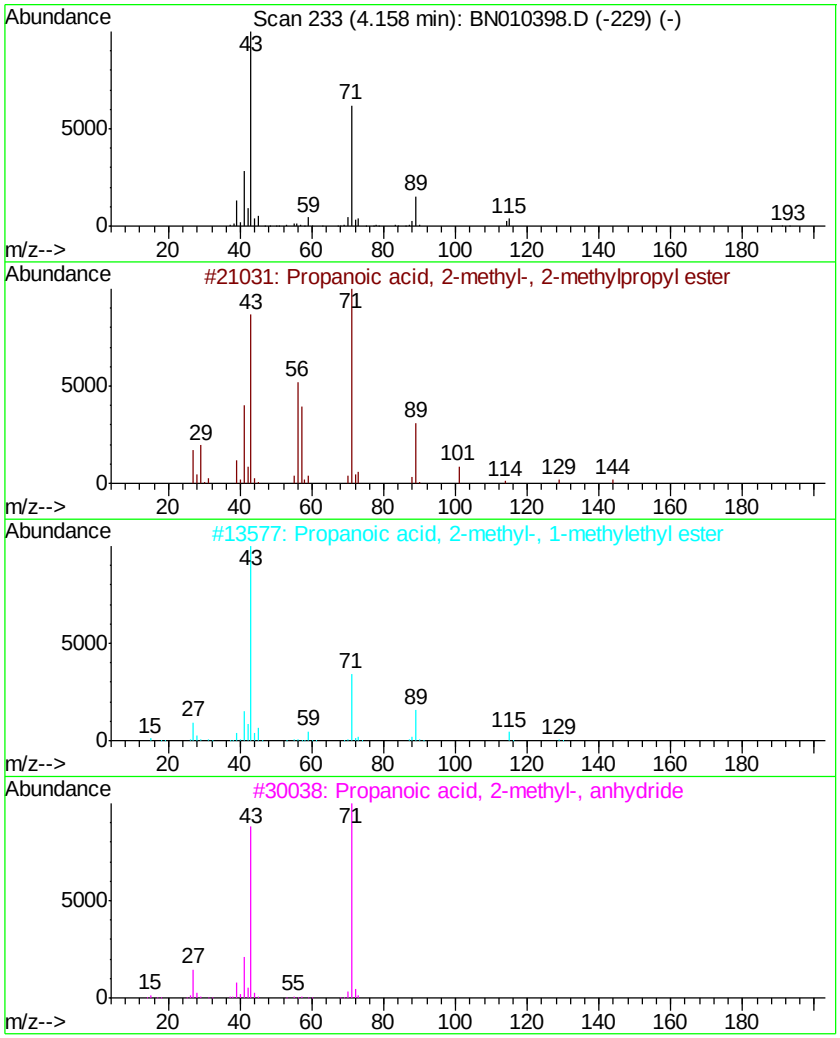
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

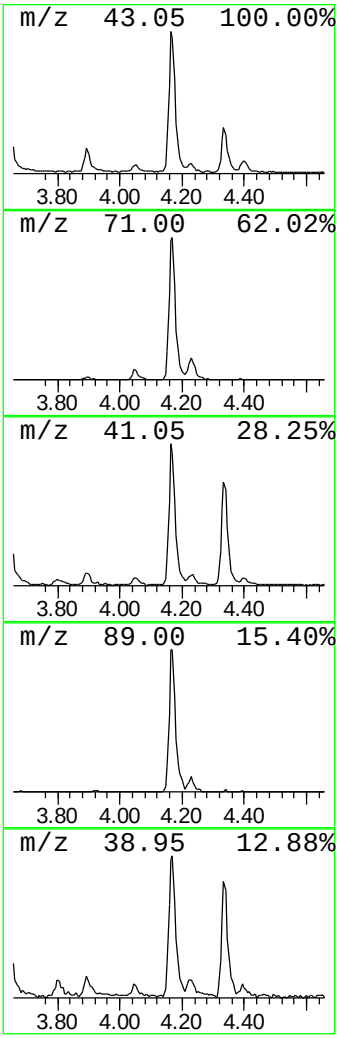
****

Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.16	8.92 ng/ul	1080400	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	78
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
3	Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	53
4	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	50
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010398.D
Acq On : 02 Apr 2020 18:33
Operator : CG/JU
Sample : L2095-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

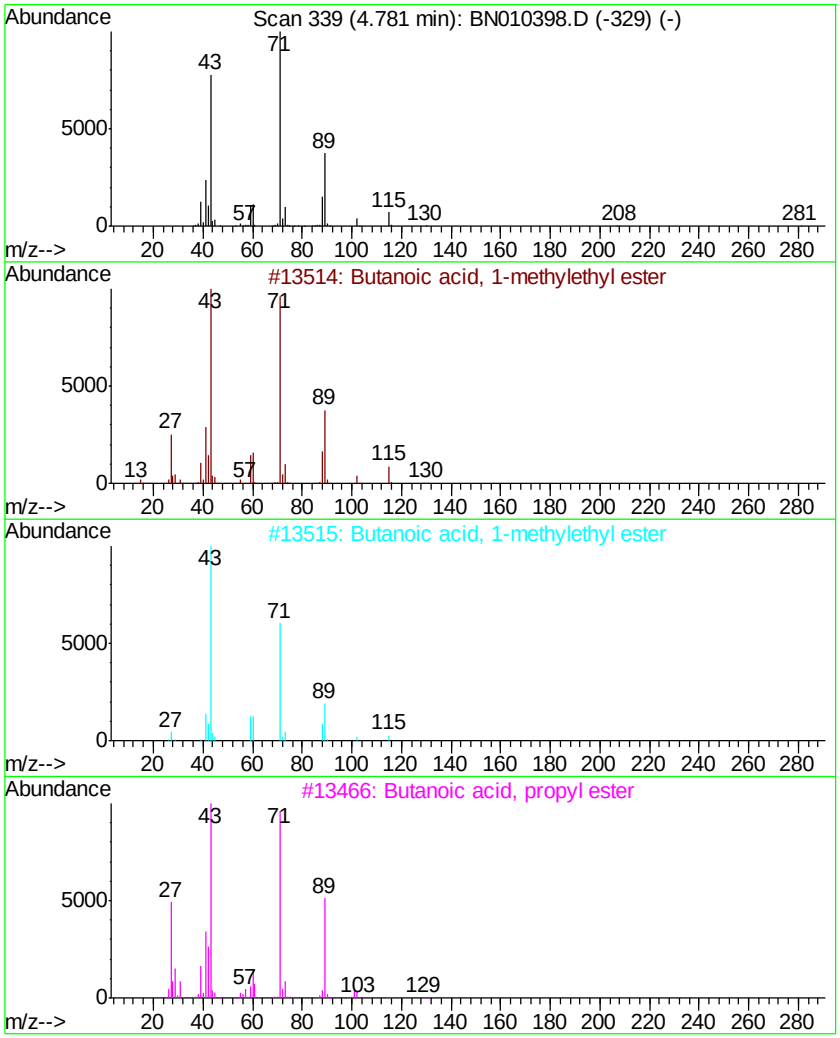
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

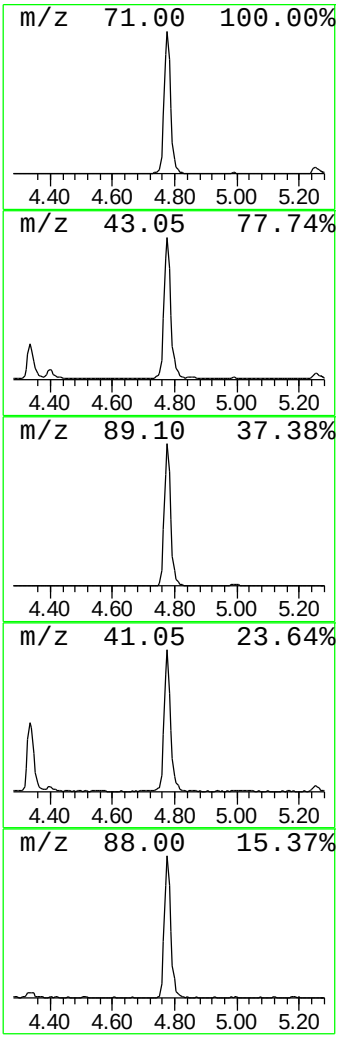
****

Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	18.39 ng/ul	2228240	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	91
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	83
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	72
4	Butanoic acid, 1-methylpropyl ester	144	C8H16O2	000819-97-6	72
5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	50





Library Search Compound Report

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Data File : BN010398.D
Acq On : 02 Apr 2020 18:33
Operator : CG/JU
Sample : L2095-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

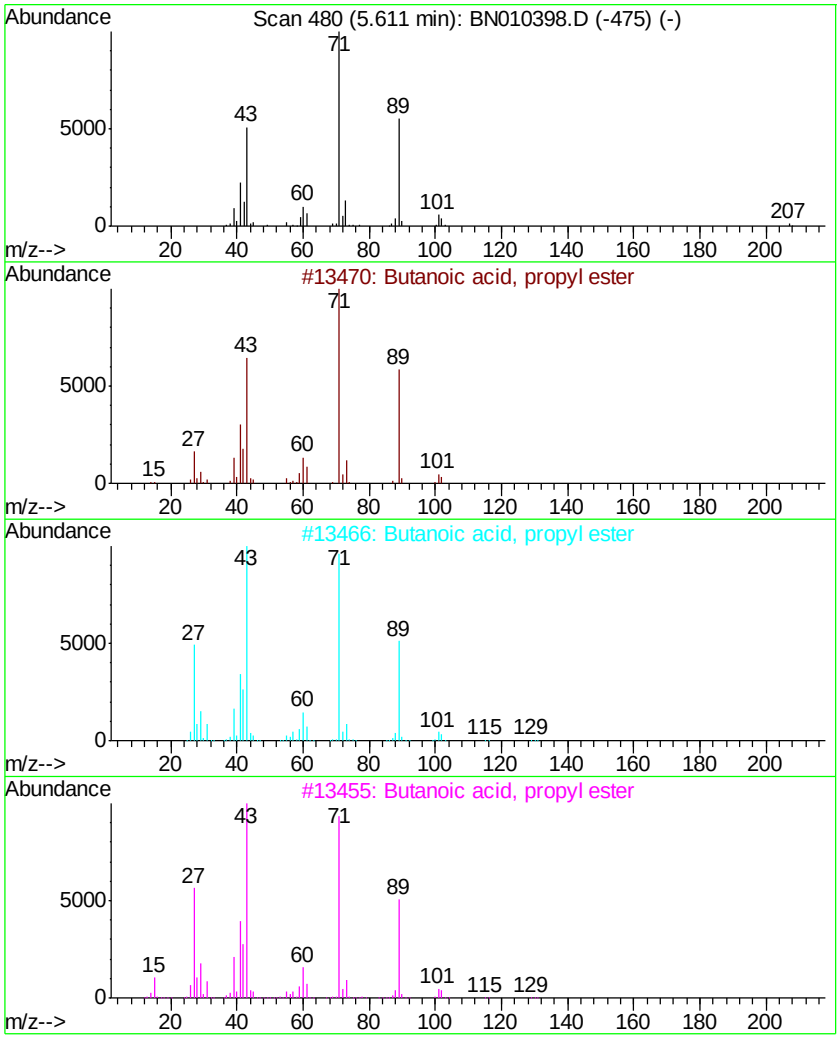
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

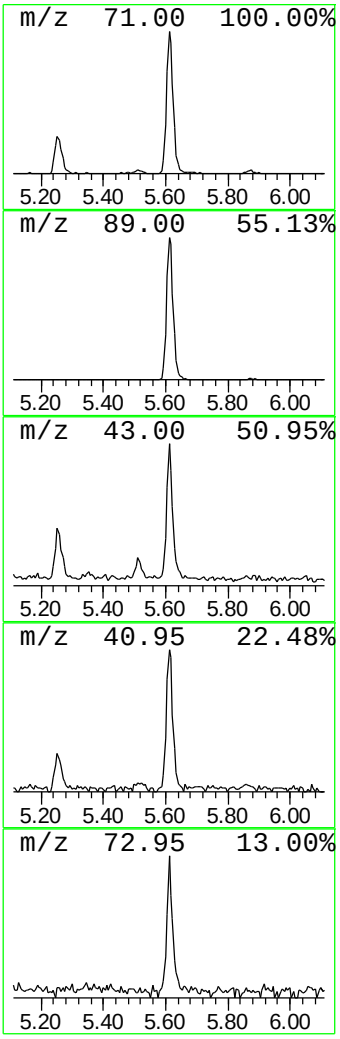
****

Peak Number 6 Butanoic acid, propyl ester Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	3.06 ng/ul	370832	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	83
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	83
4	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	78
5	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	78





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Acq On : 02 Apr 2020 18:33
Operator : CG/JU
Sample : L2095-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

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Quant Title : SVOA CALIBRATION

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

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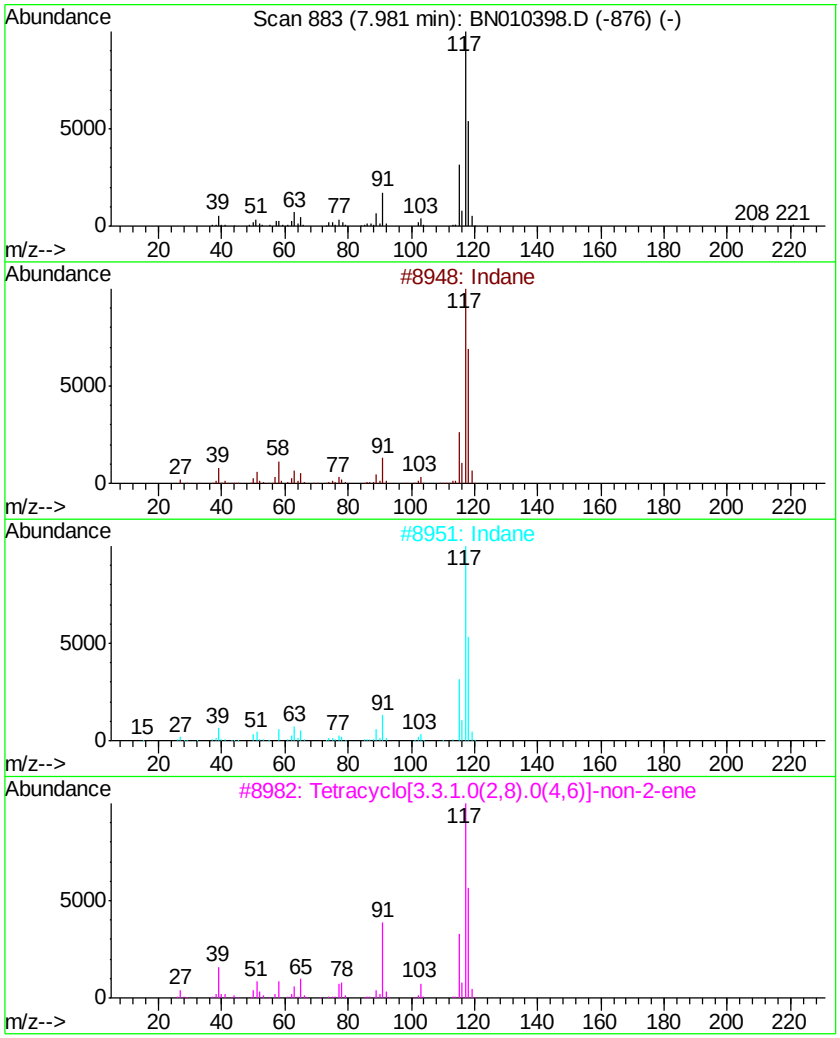
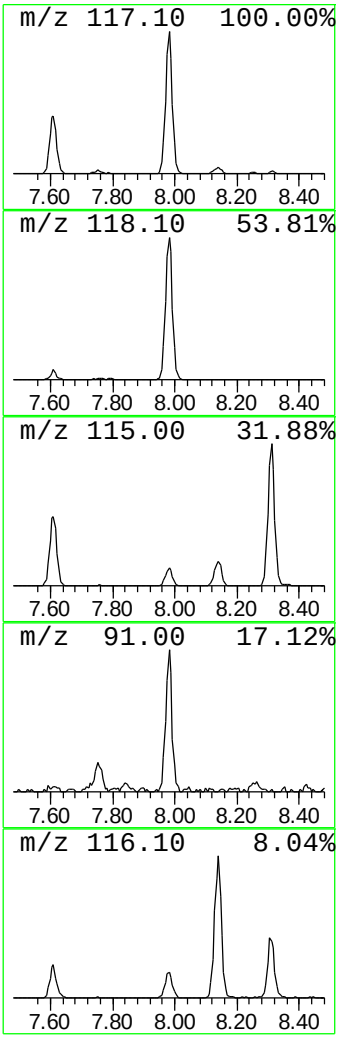
Peak Number 7 Indane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	4.58 ng/ul	555436	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	87
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
4	Indane	118	C9H10	000496-11-7	74
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74





Library Search Compound Report

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Operator : CG/JU
Sample : L2095-01
Misc :
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Instrument : BNA_N
ClientSampleId : DBF16

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Quant Title : SVOA CALIBRATION

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

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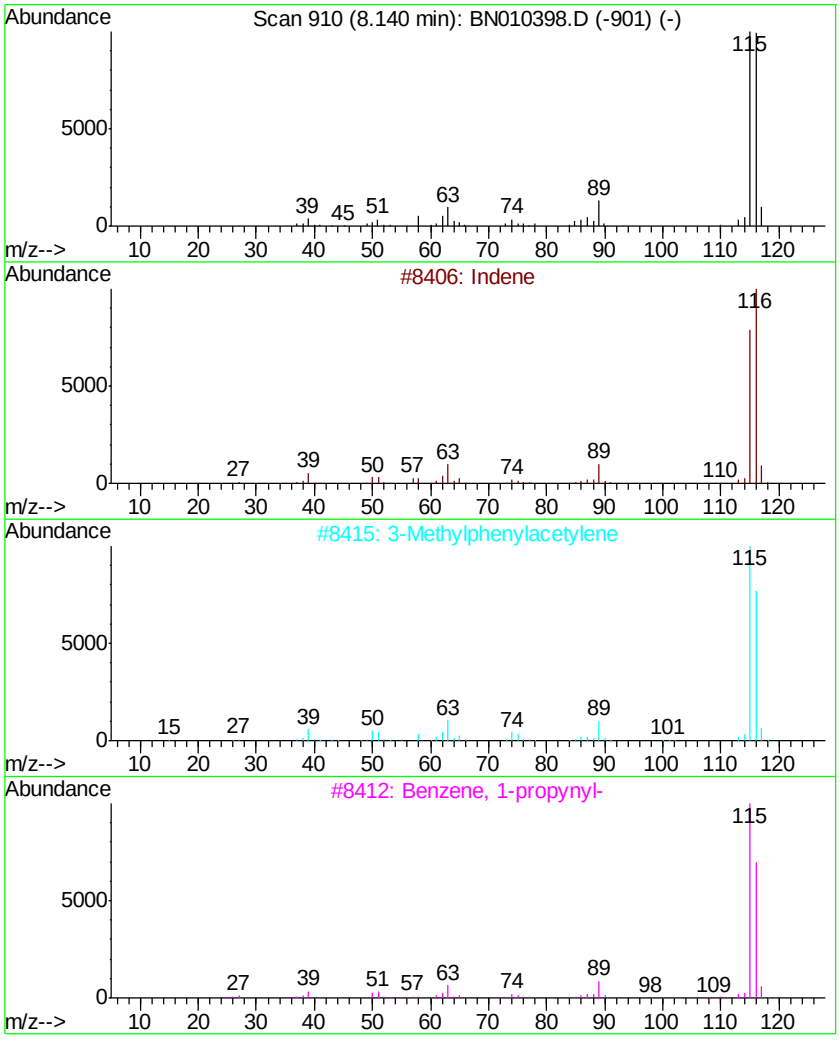
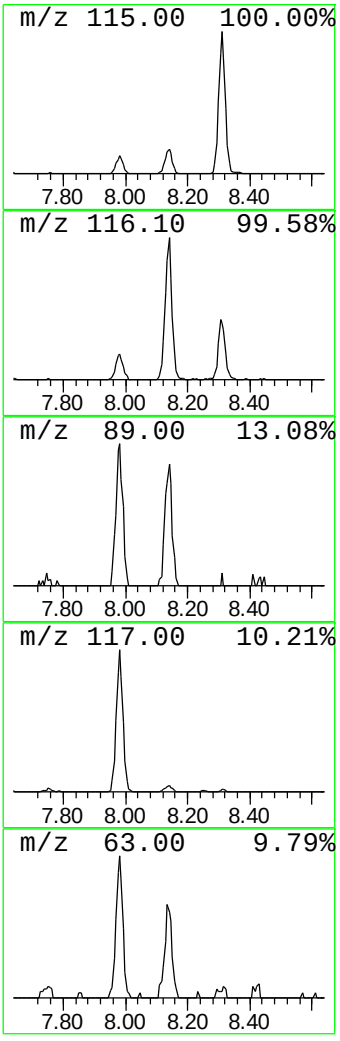
Peak Number 8 Indene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	2.24 ng/ul	271623	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Indene	116	C9H8	000095-13-6	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Sample : L2095-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

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Quant Title : SVOA CALIBRATION

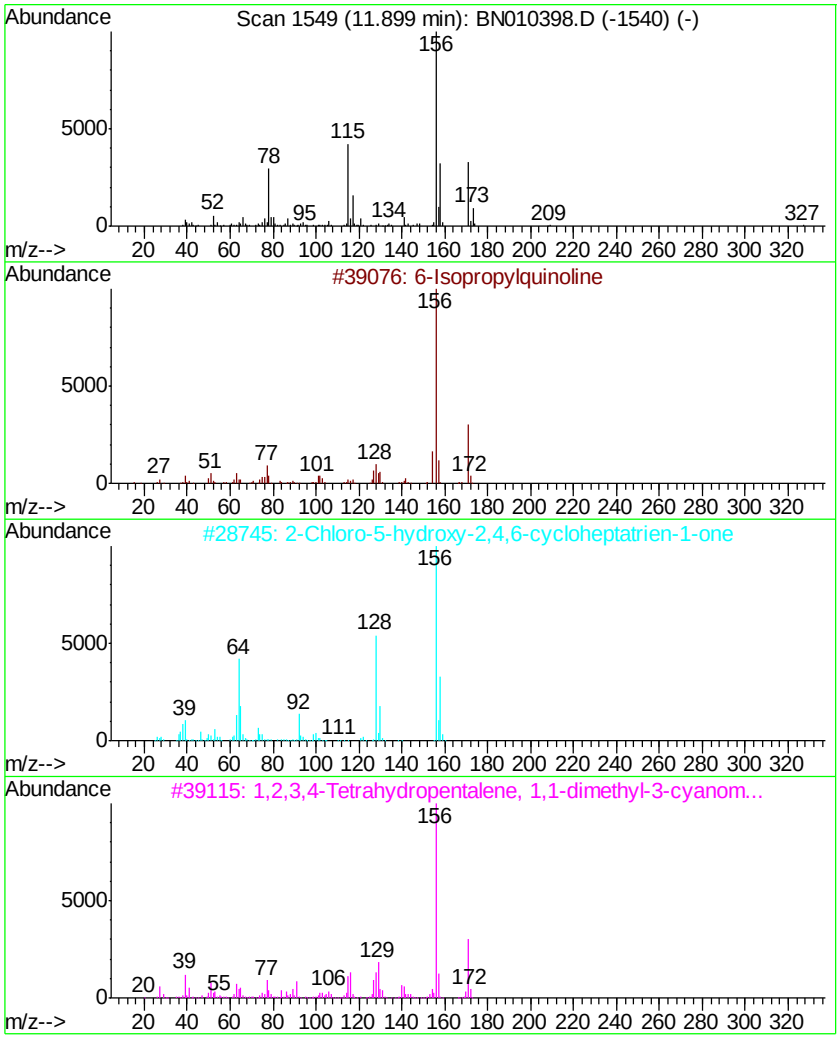
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

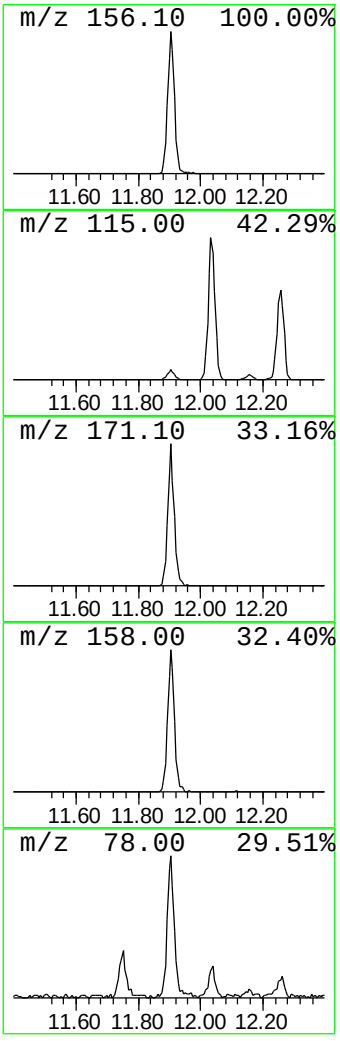
****

Peak Number 9 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.09 ng/ul	791054	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropylquinoline	171	C12H13N	000135-79-5	43
2	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	38
3	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
4	1,2,3,3a-Tetrahydropentalene, 1,...	171	C12H13N	1000217-17-0	37
5	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32





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Acq On : 02 Apr 2020 18:33
Operator : CG/JU
Sample : L2095-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

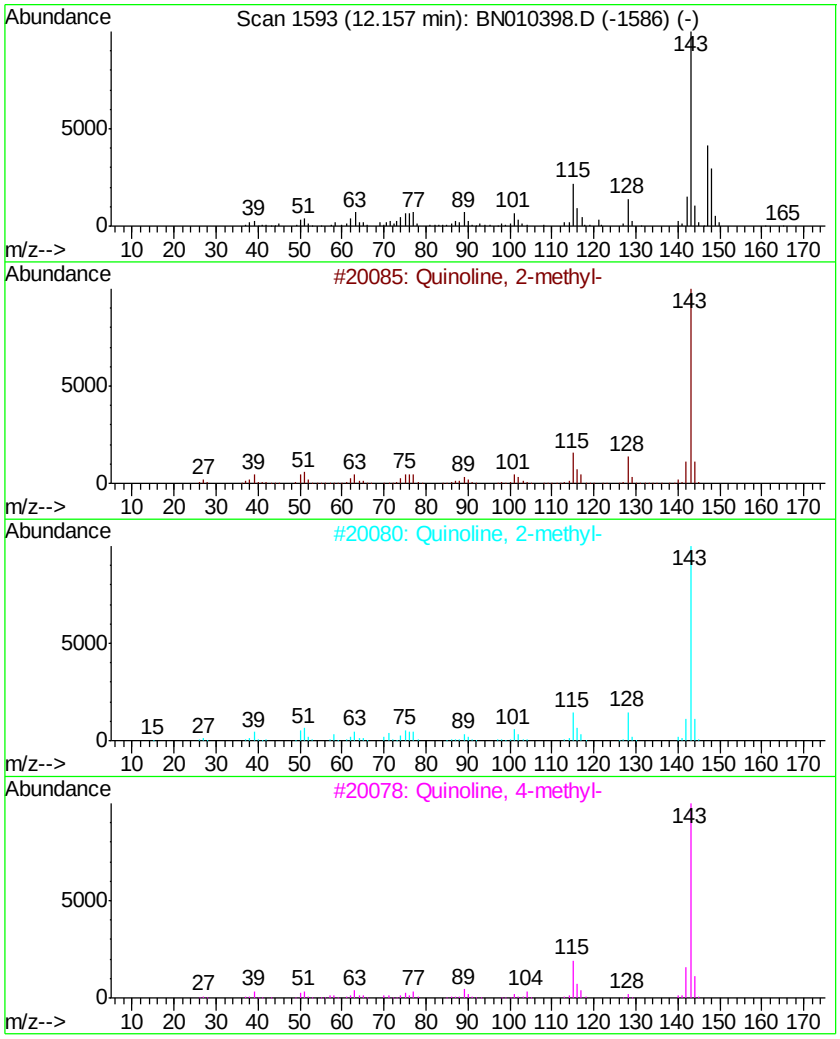
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

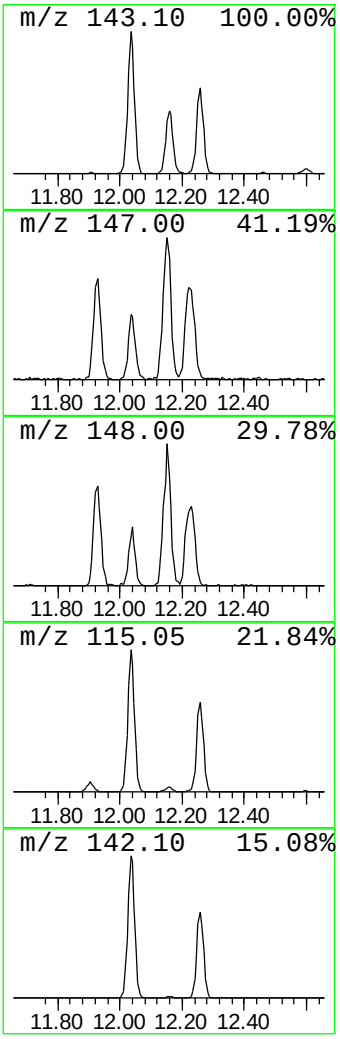
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Quinoline, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	3.31 ng/ul	640032	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	96
2	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	91
3	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	64
4	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	64
5	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	64





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Data File : BN010398.D
Acq On : 02 Apr 2020 18:33
Operator : CG/JU
Sample : L2095-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

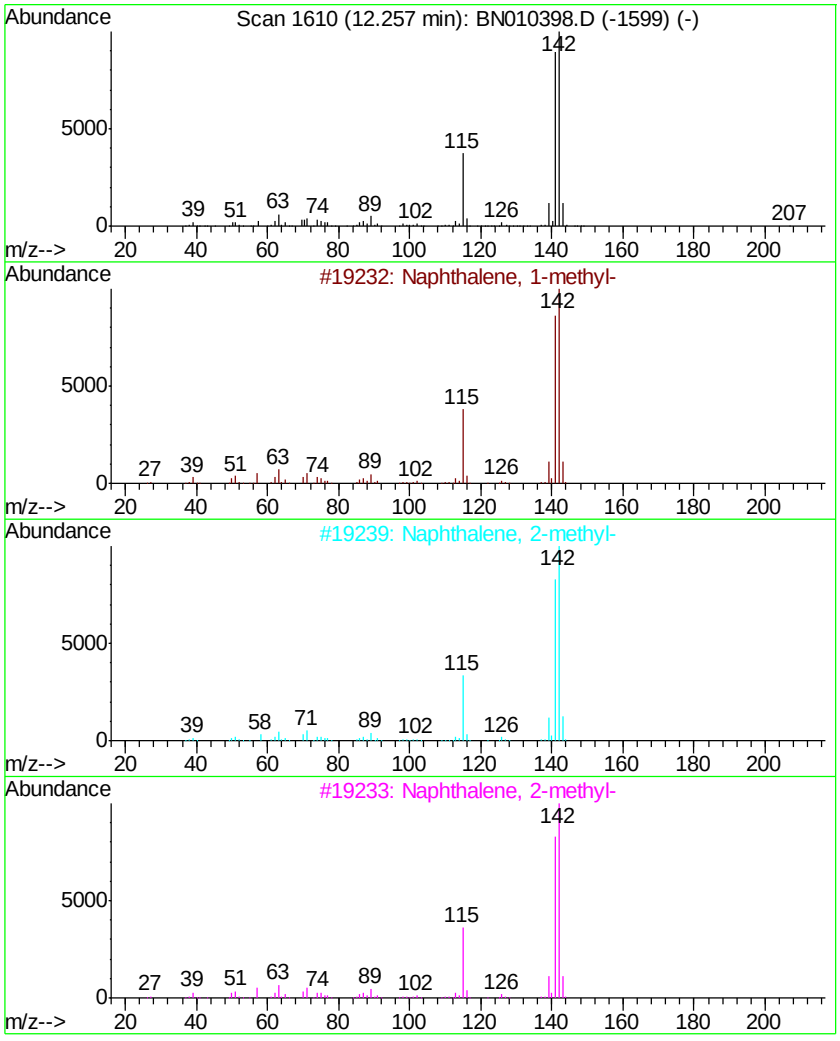
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

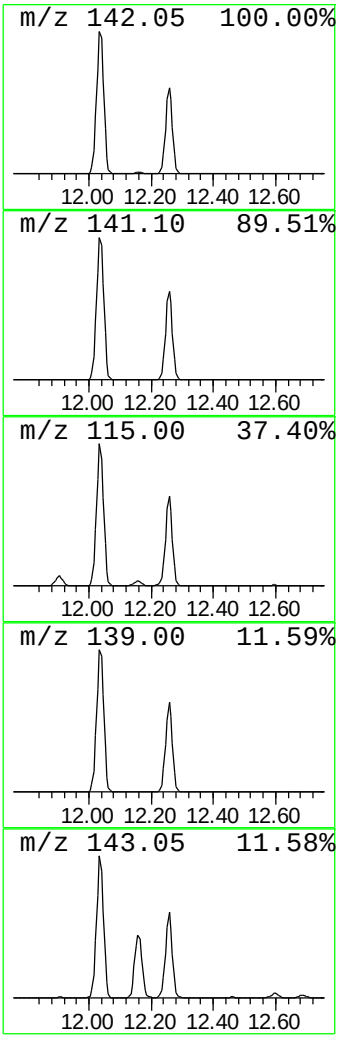
****

Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	29.84 ng/ul	5777790	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Library Search Compound Report

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Operator : CG/JU
Sample : L2095-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

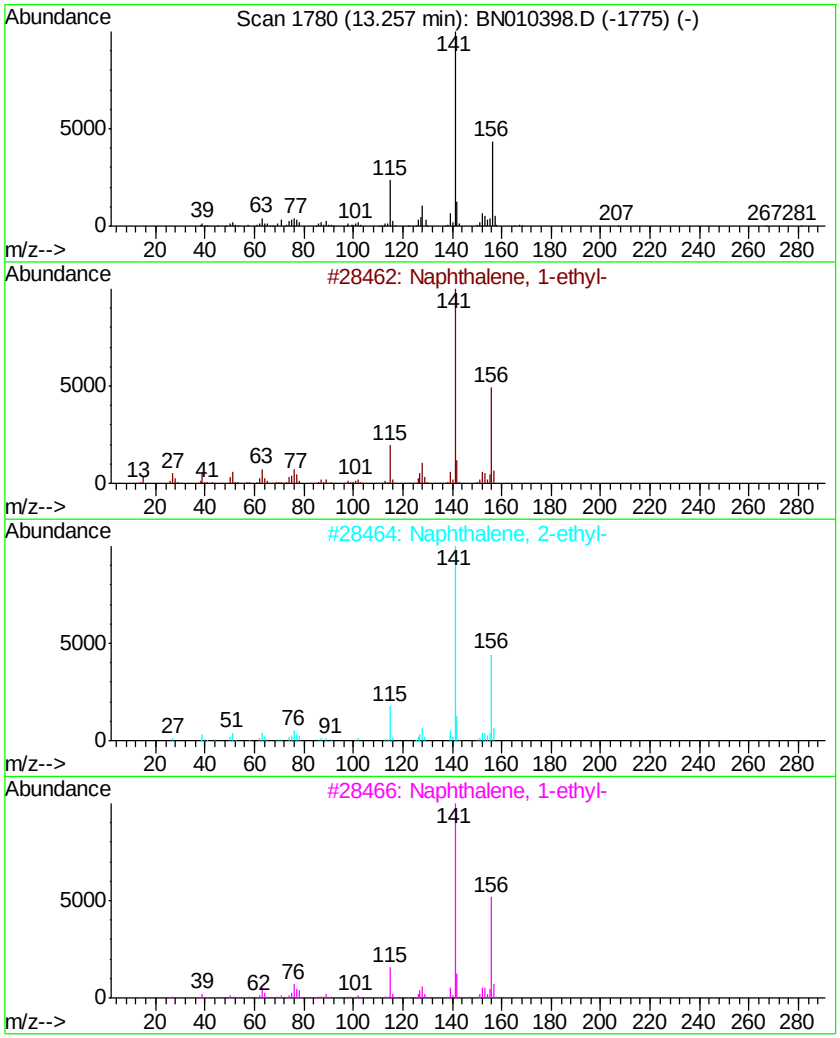
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

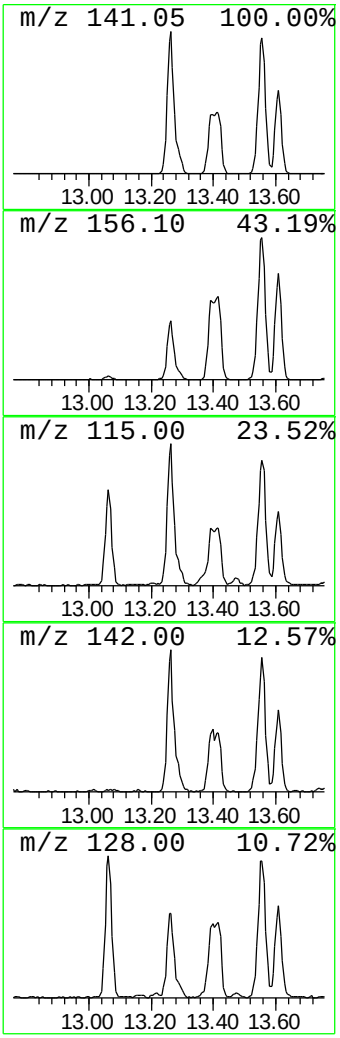
****

Peak Number 12 Naphthalene, 1-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	4.78 ng/ul	1686950	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

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Quant Title : SVOA CALIBRATION

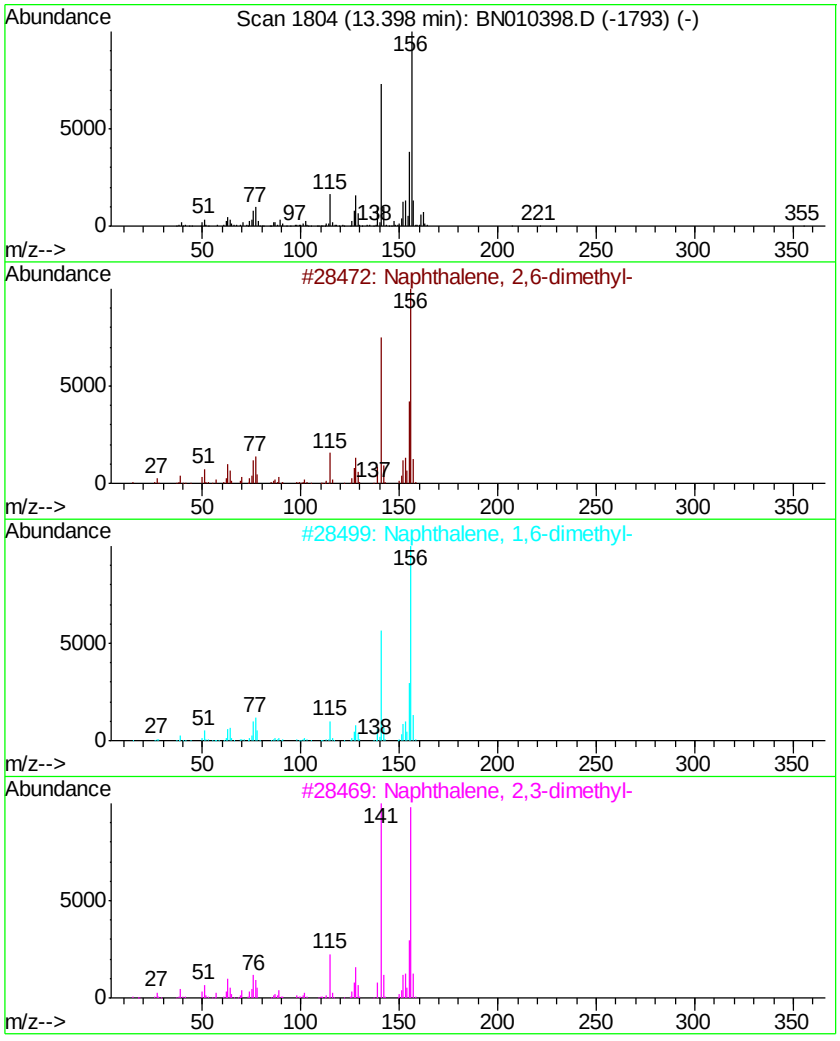
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

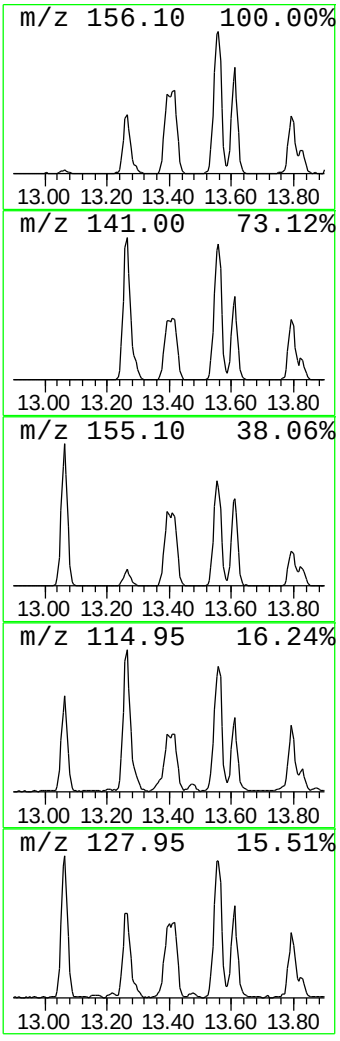
****

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	3.79 ng/ul	1337510	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Library Search Compound Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

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Quant Title : SVOA CALIBRATION

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

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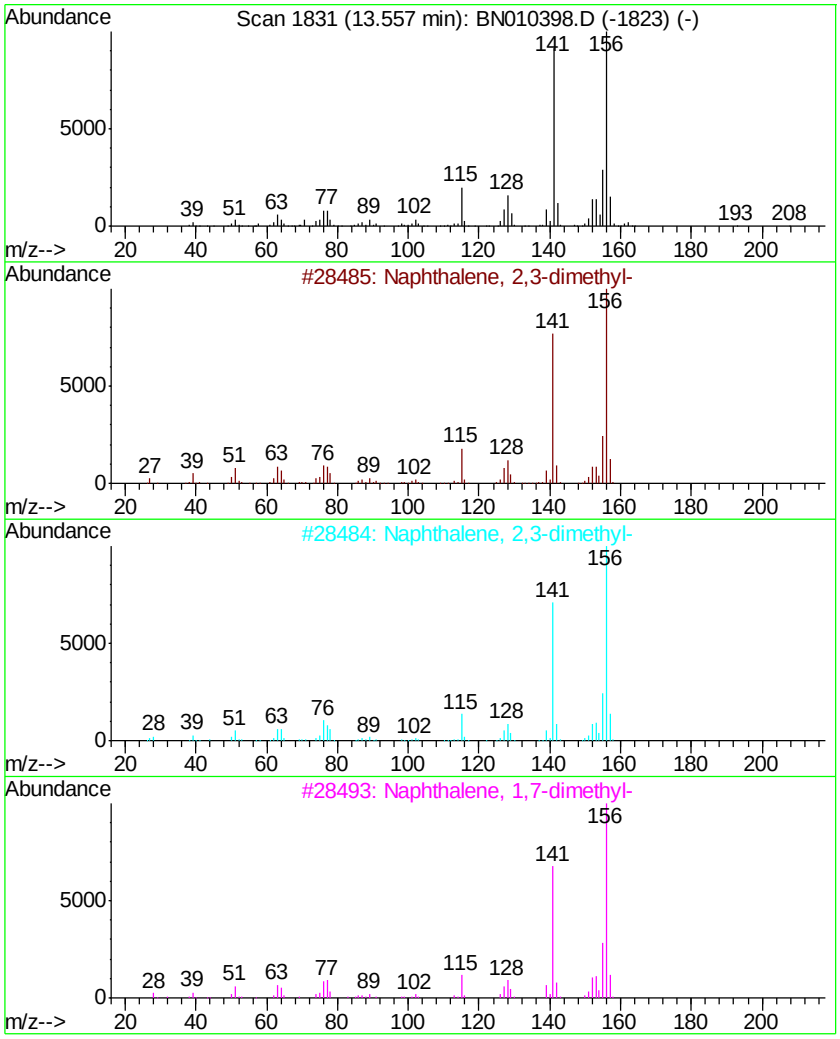
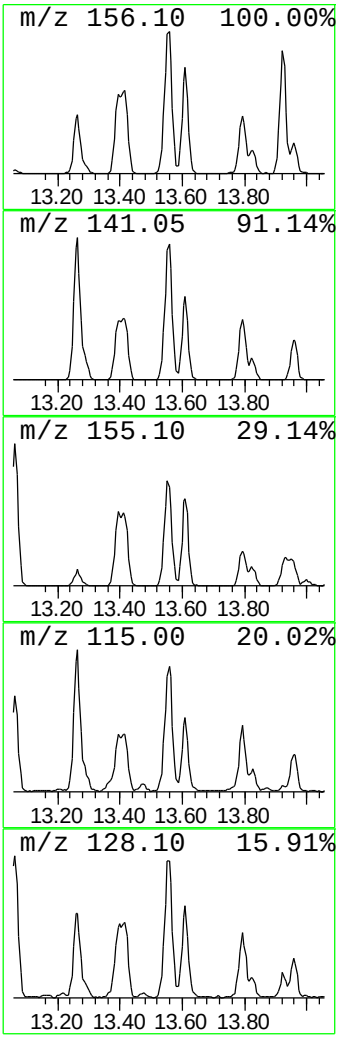
Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	7.37 ng/ul	2601440	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





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Quant Title : SVOA CALIBRATION

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

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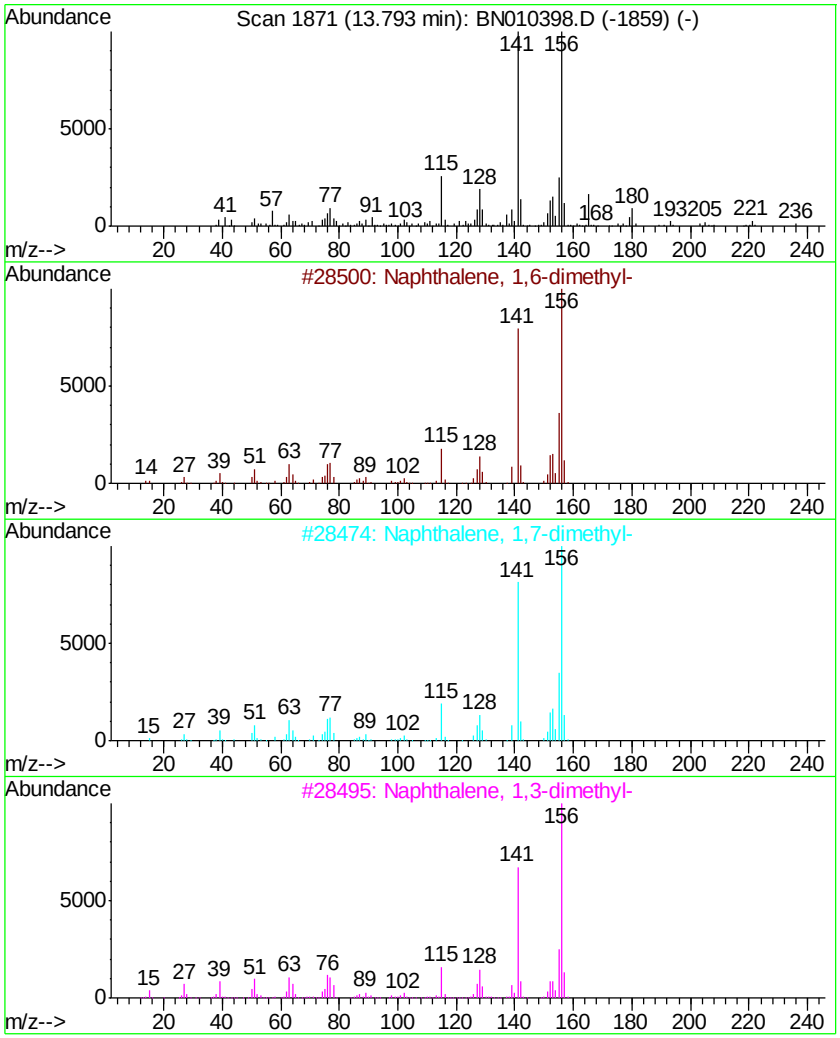
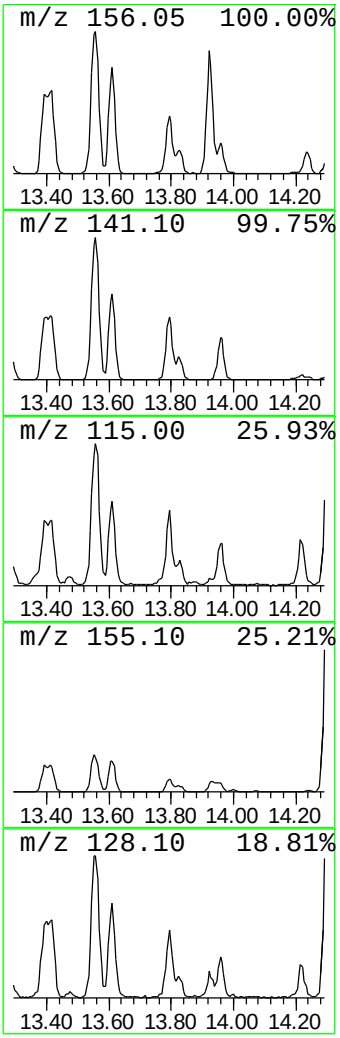
Peak Number 15 Naphthalene, 1,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	3.61 ng/ul	1274520	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	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 16 1-Naphthalenecarbonitrile Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	4.22 ng/ul	1489250	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	94
2	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
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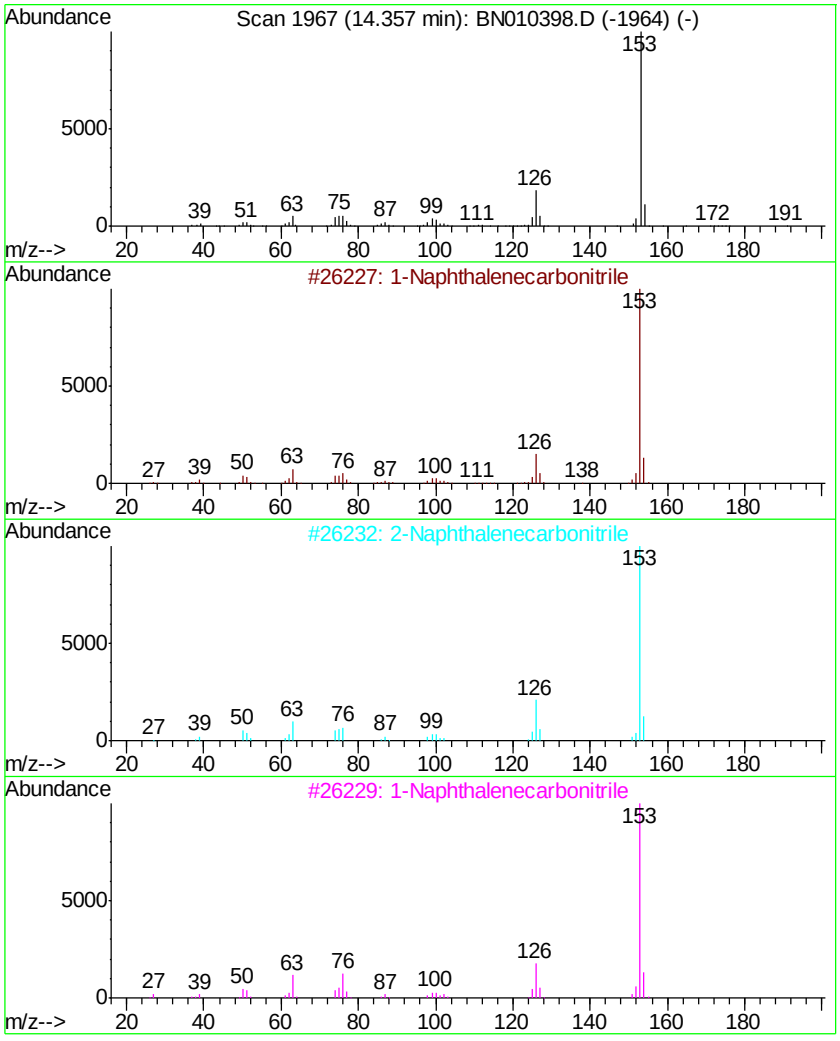

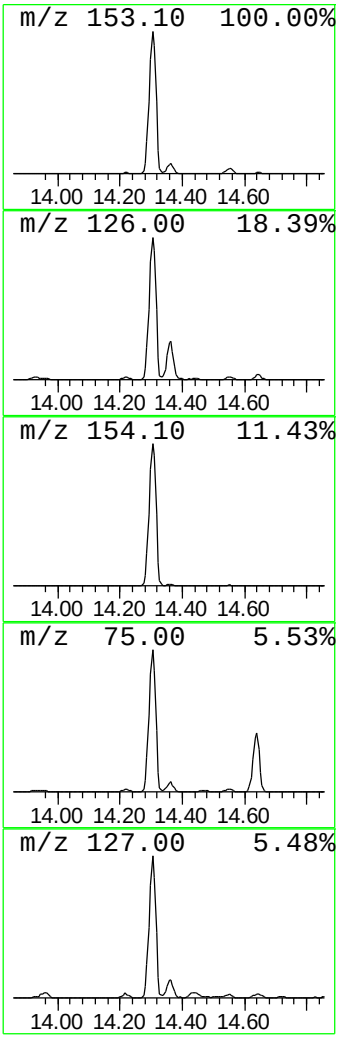

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Instrument : BNA_N
ClientSampleId : DBF16

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Quant Title : SVOA CALIBRATION

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

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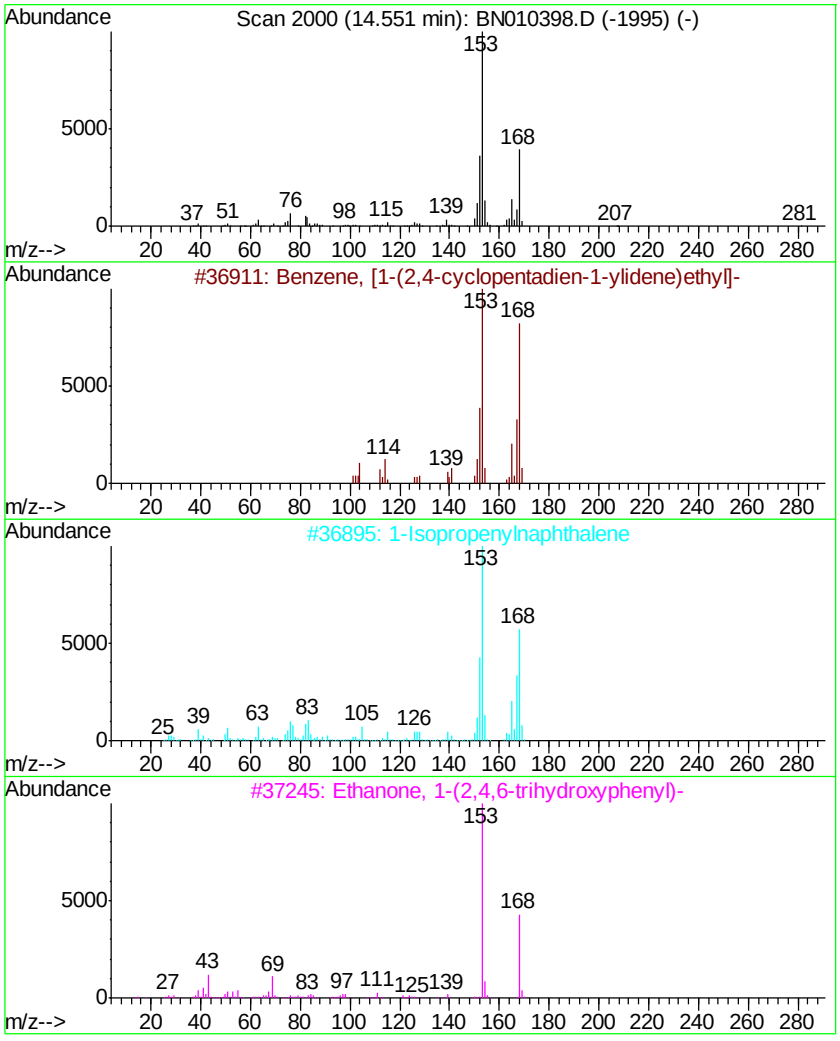
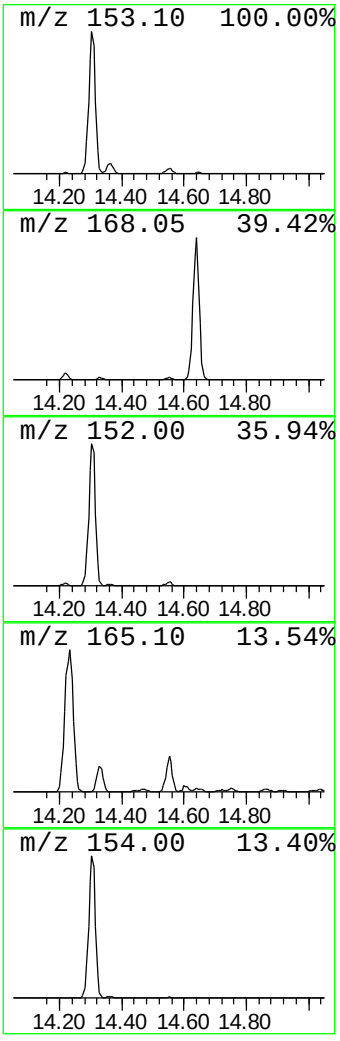
Peak Number 17 Benzene, [1-(2,4-cyclopenta... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	3.10 ng/ul	1092870	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	80
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	58
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	50
4	1-Cyclohexene-1-ethanol, 2,6,6-t...	168	C11H20O	000472-65-1	50
5	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	50





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Operator : CG/JU
Sample : L2095-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

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

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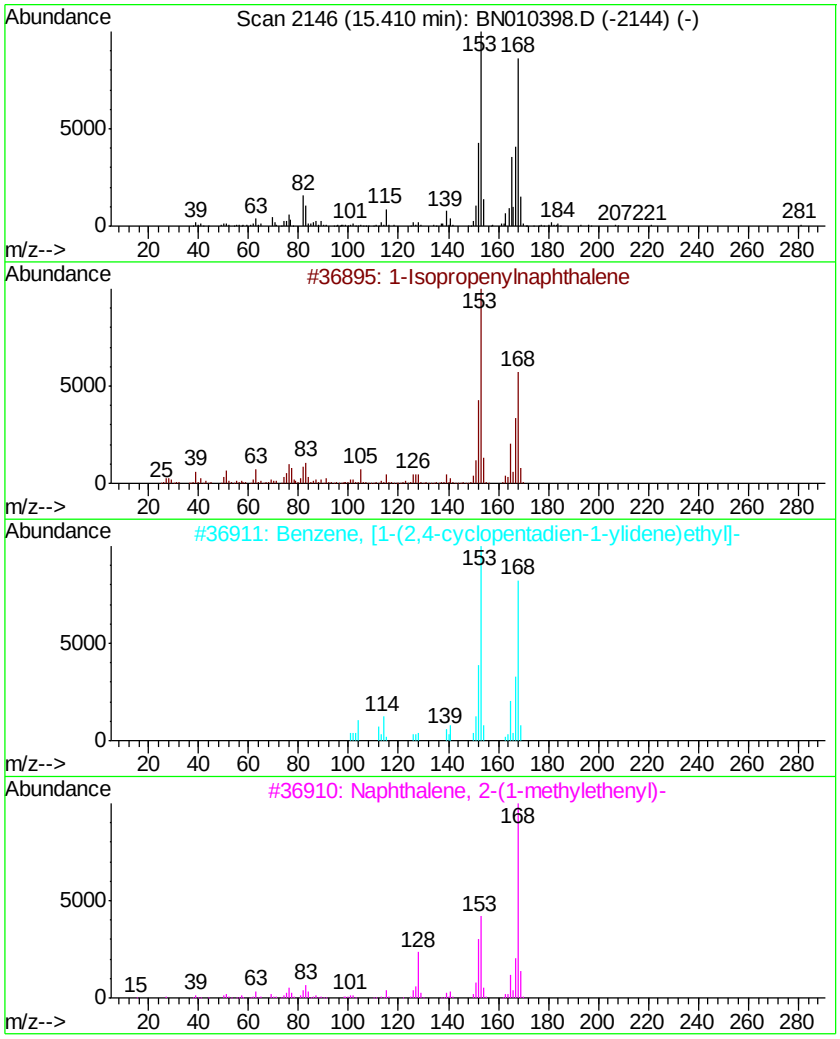
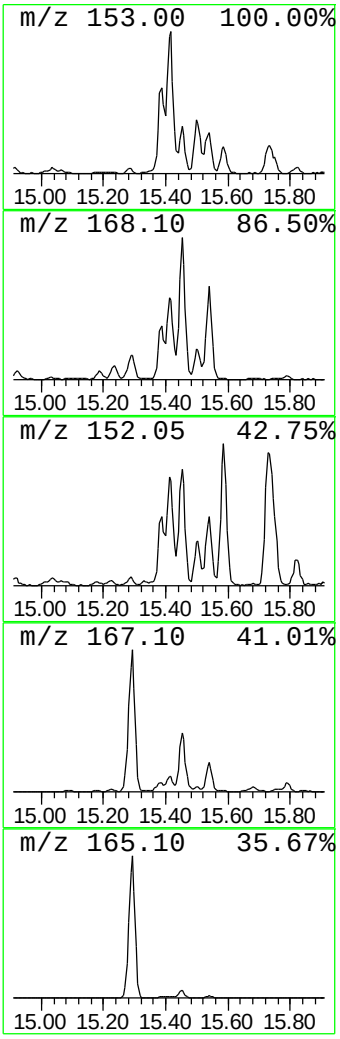
Peak Number 18 1-Isopropenylnaphthalene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	3.44 ng/ul	1212860	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	83
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43
5	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	43





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Acq On : 02 Apr 2020 18:33
Operator : CG/JU
Sample : L2095-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

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Quant Title : SVOA CALIBRATION

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

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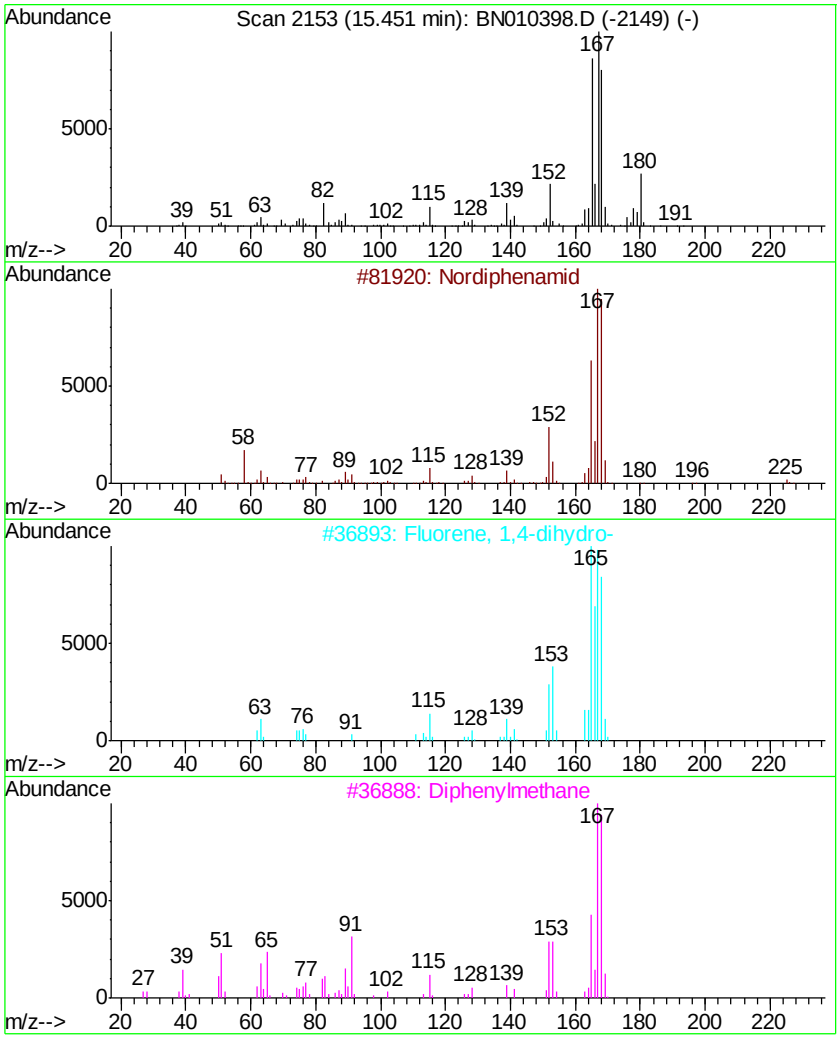
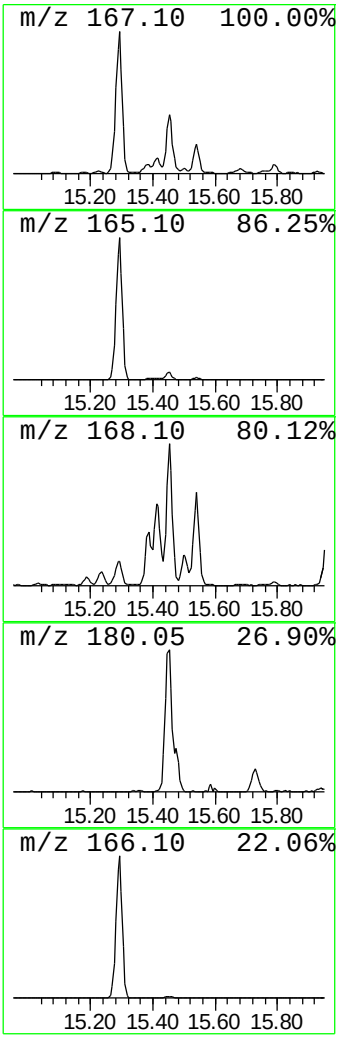
Peak Number 19 Nordiphenamid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	7.62 ng/ul	2690060	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	64
2	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	49
3	Diphenylmethane	168	C13H12	000101-81-5	49
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
5	Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	43





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Quant Title : SVOA CALIBRATION

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

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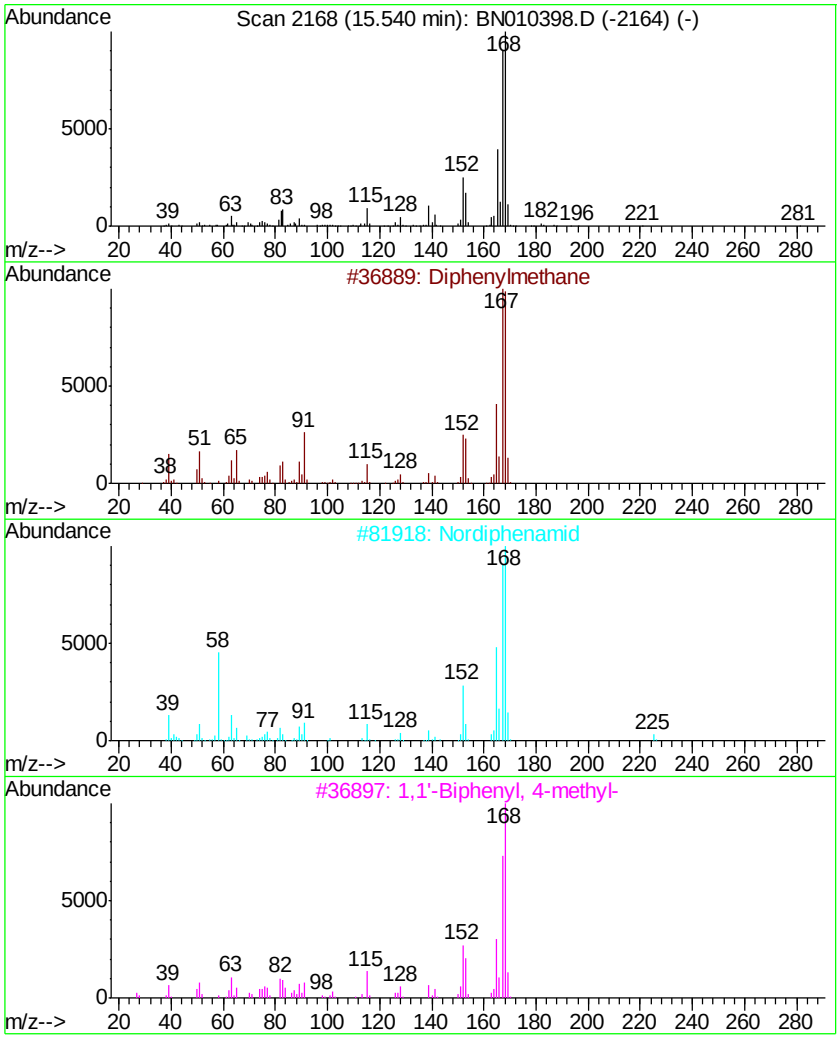
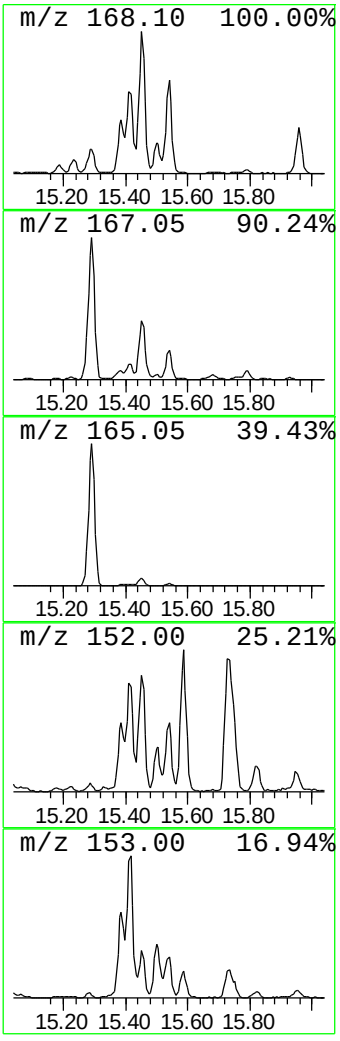
Peak Number 20 Diphenylmethane Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	3.24 ng/ul	1142810	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	90
2	Nordiphenamid	225	C15H15NO	000954-21-2	90
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	81
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	76
5	Diphenylmethane	168	C13H12	000101-81-5	74





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Misc :
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Instrument : BNA_N
ClientSampleId : DBF16

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Quant Title : SVOA CALIBRATION

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

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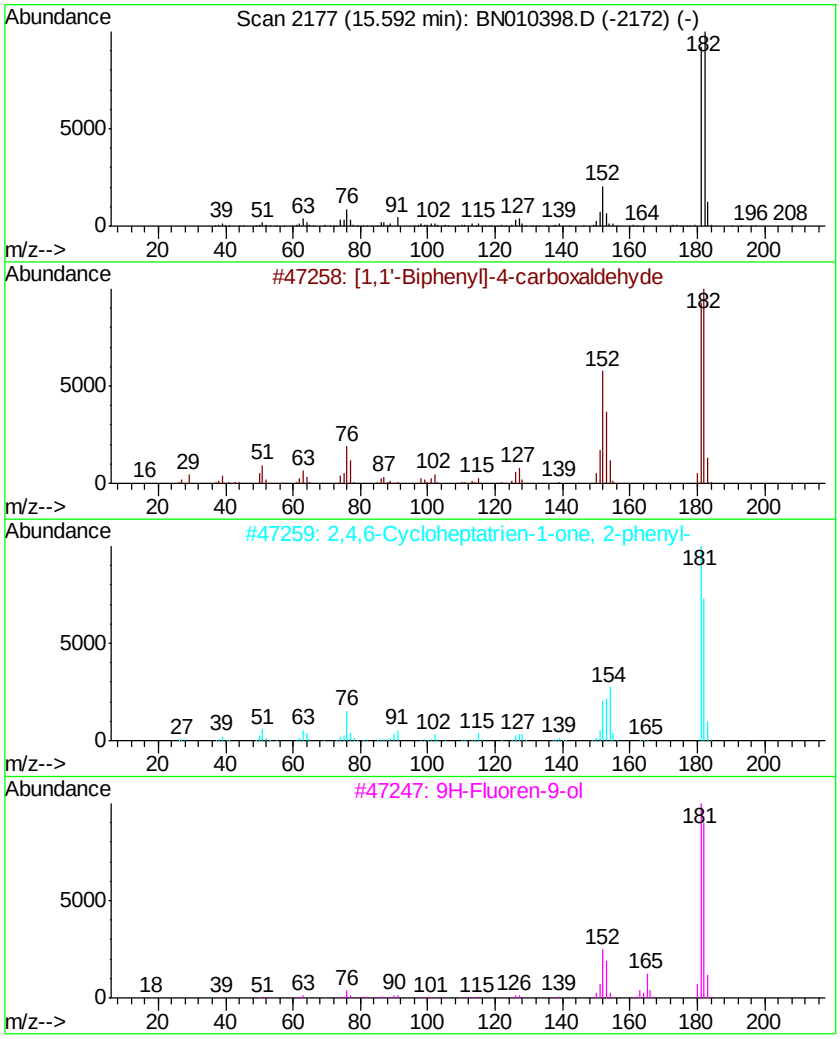
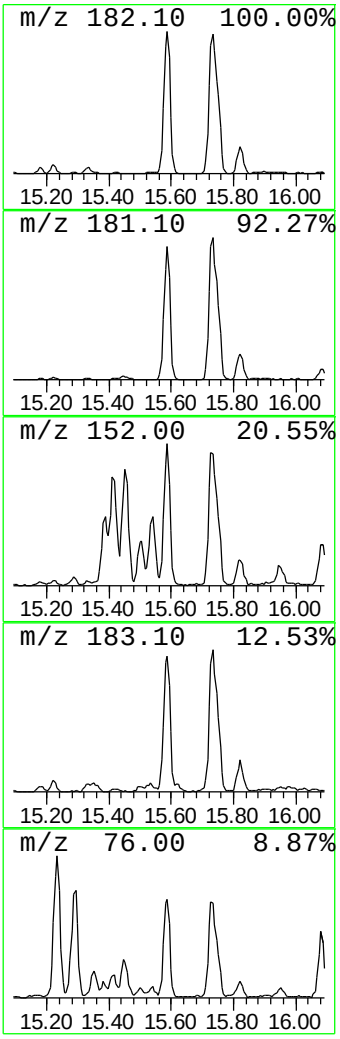
Peak Number 21 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	6.21 ng/ul	2191040	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	72
5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	59





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ALS Vial : 13 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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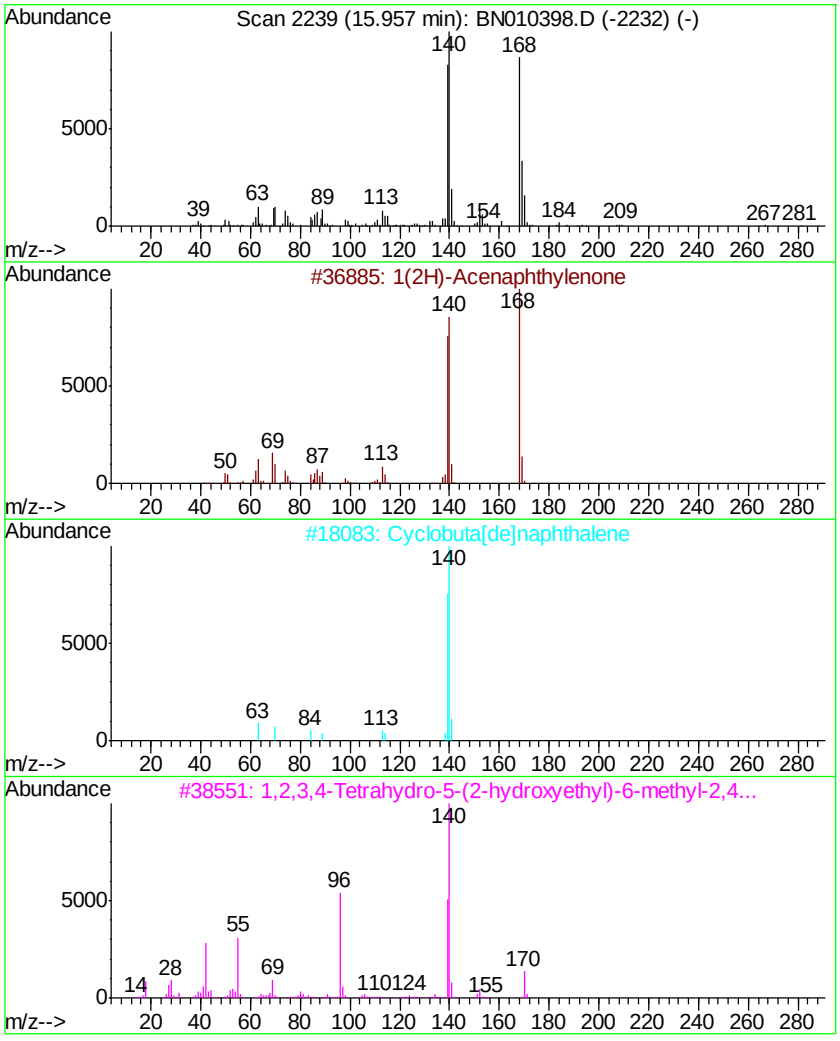
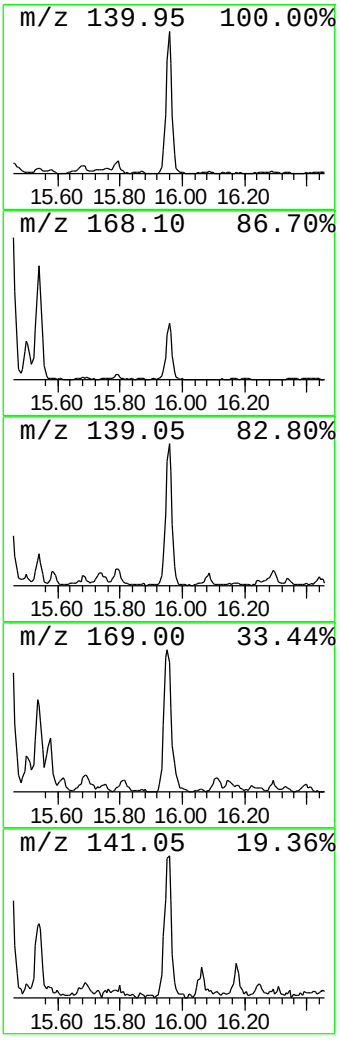
Peak Number 23 1(2H)-Acenaphthylenone Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	2.60 ng/ul	934256	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	94
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	46
3	1,2,3,4-Tetrahydro-5-(2-hydroxye...	170	C7H10N2O3	023935-66-2	35
4	Dibenzofuran	168	C12H8O	000132-64-9	27
5	2-Chlorobenzoic acid hydrazide	170	C7H7ClN2O	005814-05-1	25





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Quant Title : SVOA CALIBRATION

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

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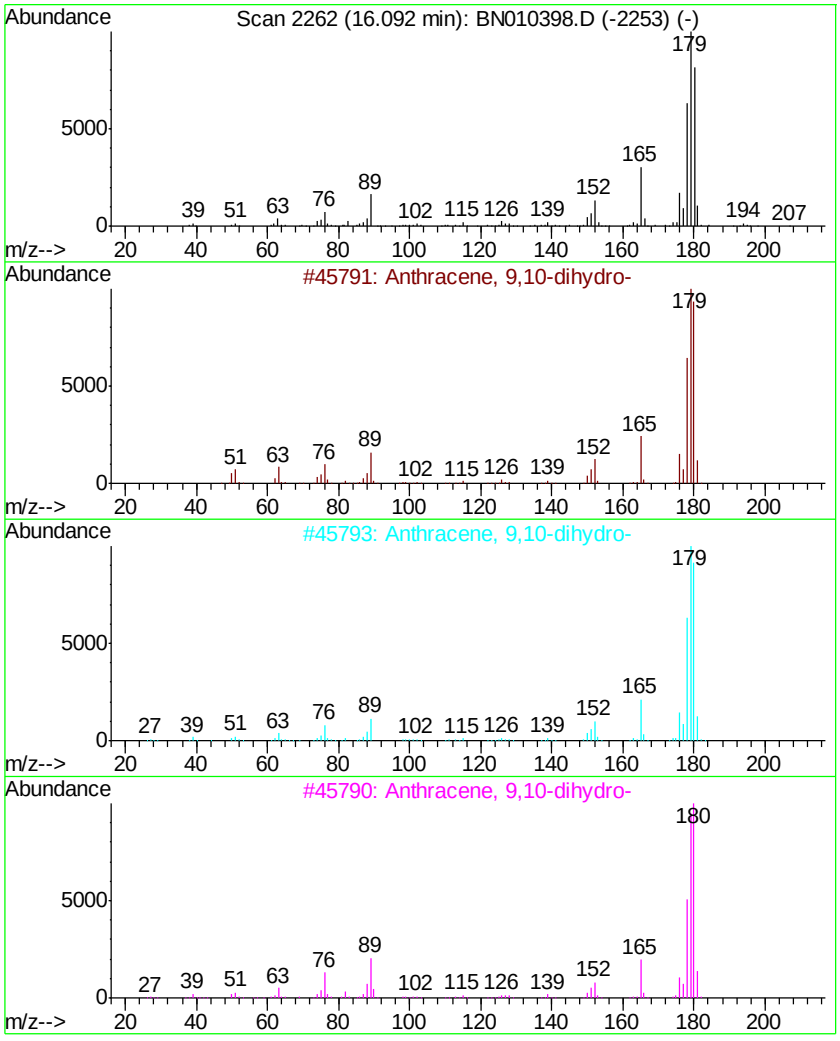
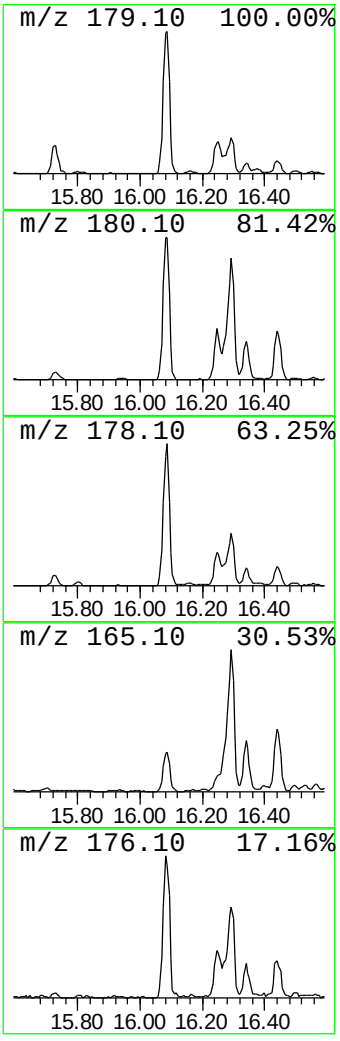
Peak Number 24 Anthracene, 9,10-dihydro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	4.90 ng/ul	1758160	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
3	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
4	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	91
5	cis-Stilbene	180	C14H12	000645-49-8	90





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ClientSampleId : DBF16

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Quant Title : SVOA CALIBRATION

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

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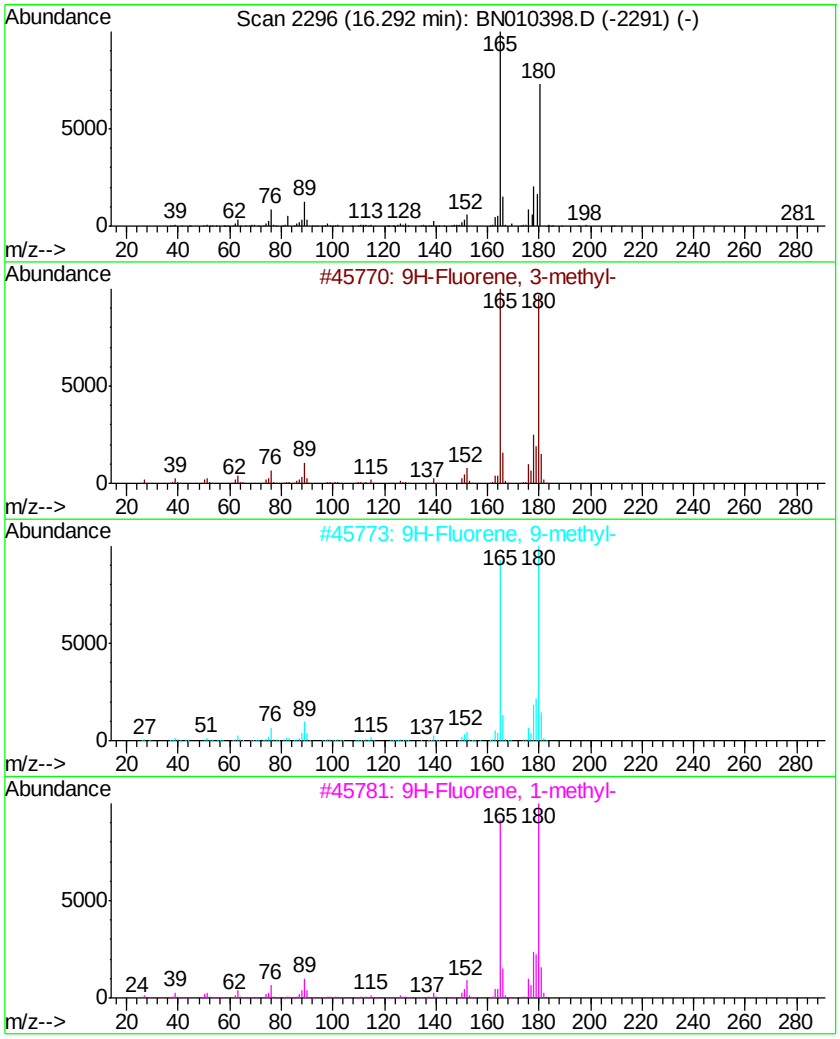
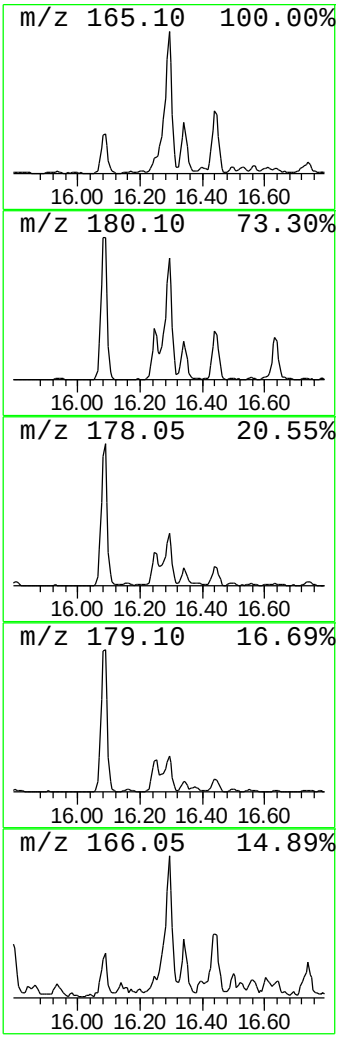
Peak Number 25 9H-Fluorene, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	4.78 ng/ul	1713760	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
5	(E)-Stilbene	180	C14H12	000103-30-0	80





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Misc :
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Quant Title : SVOA CALIBRATION

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

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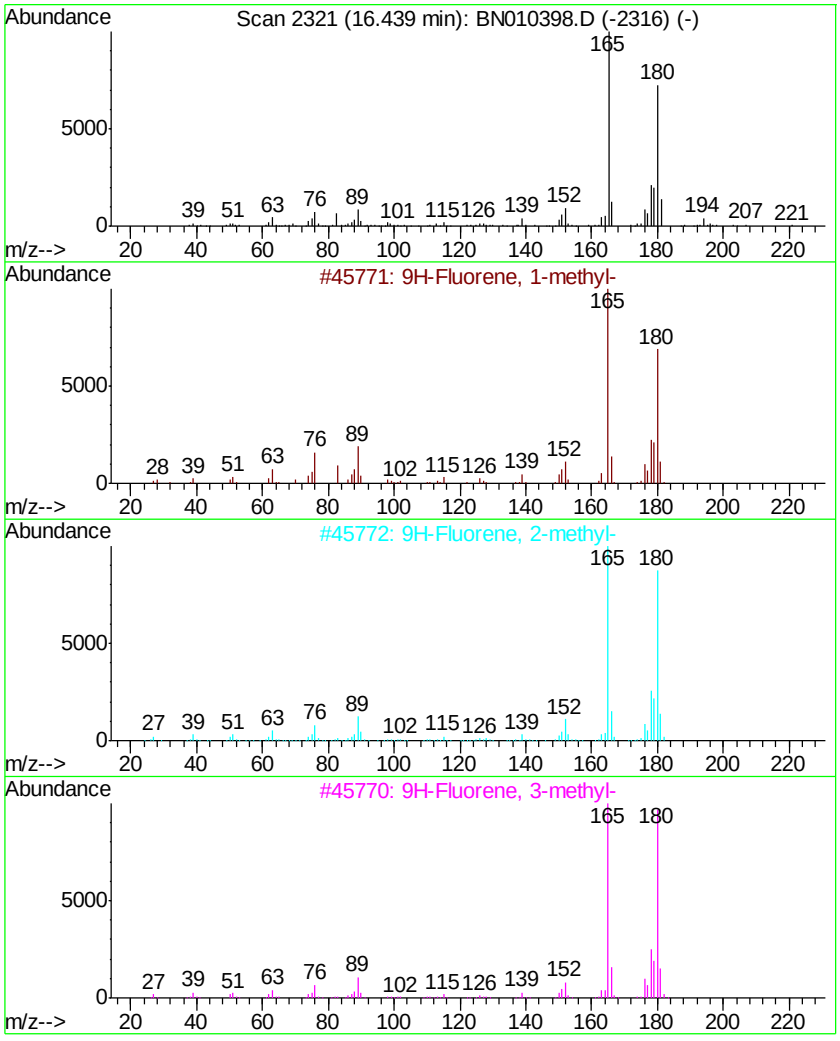
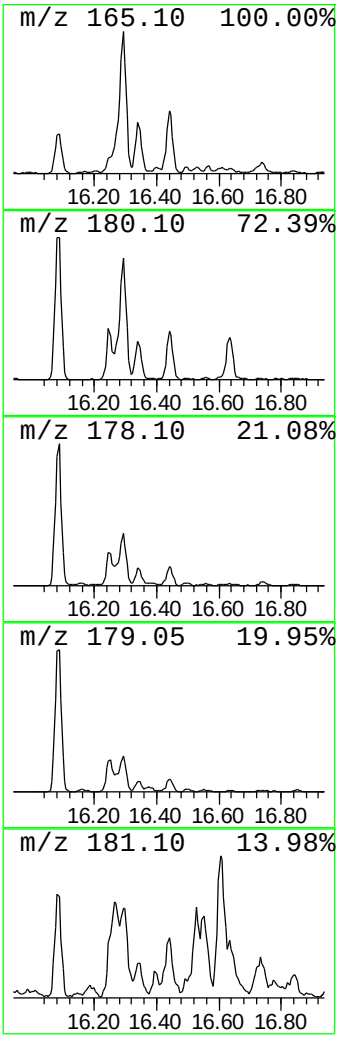
Peak Number 26 9H-Fluorene, 1-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	2.07 ng/ul	743413	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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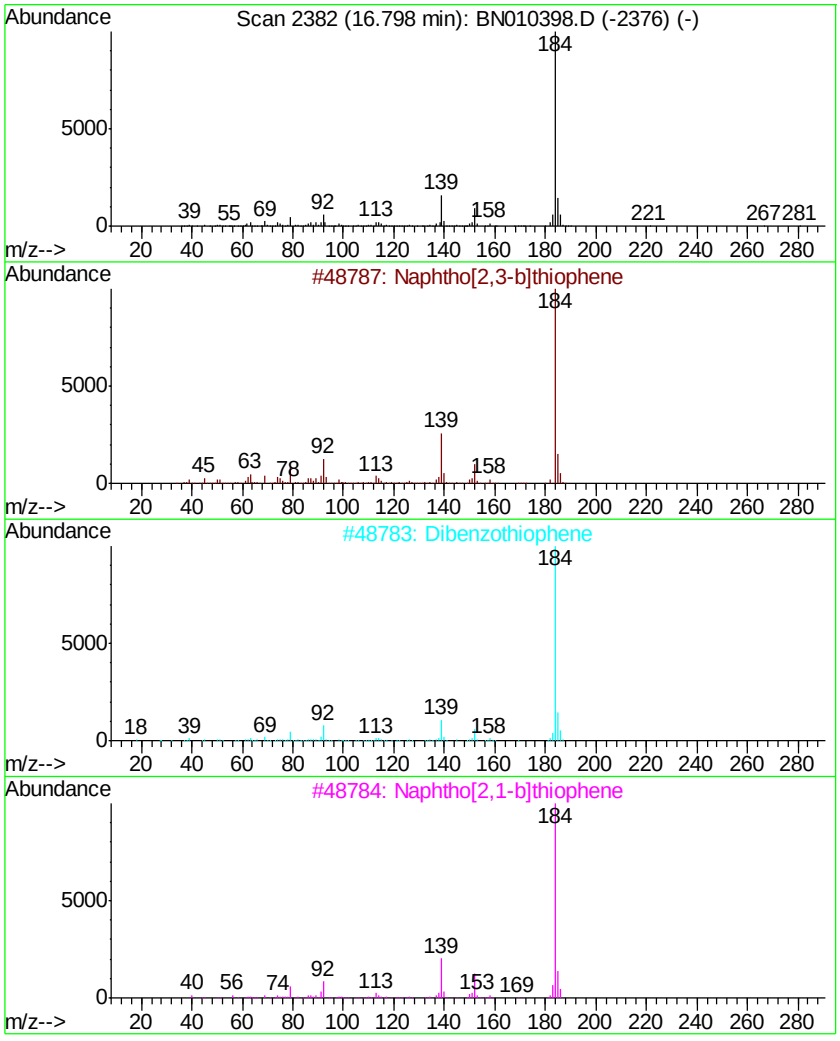
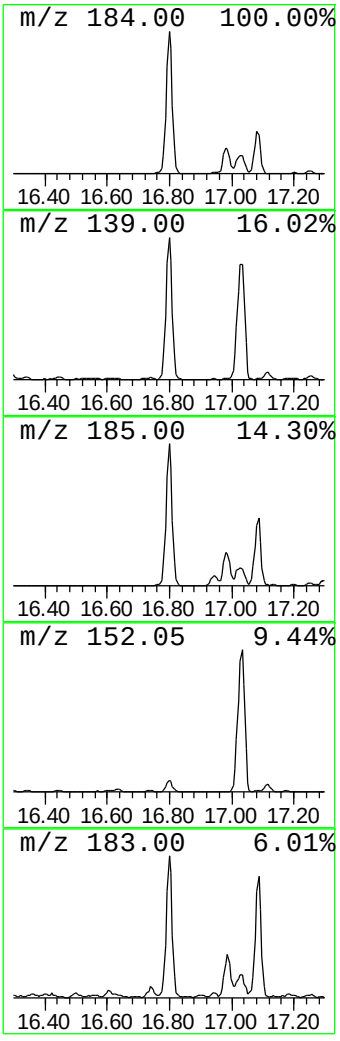
Peak Number 27 Naphtho[2,3-b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	14.56 ng/ul	5223450	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





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Quant Title : SVOA CALIBRATION

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

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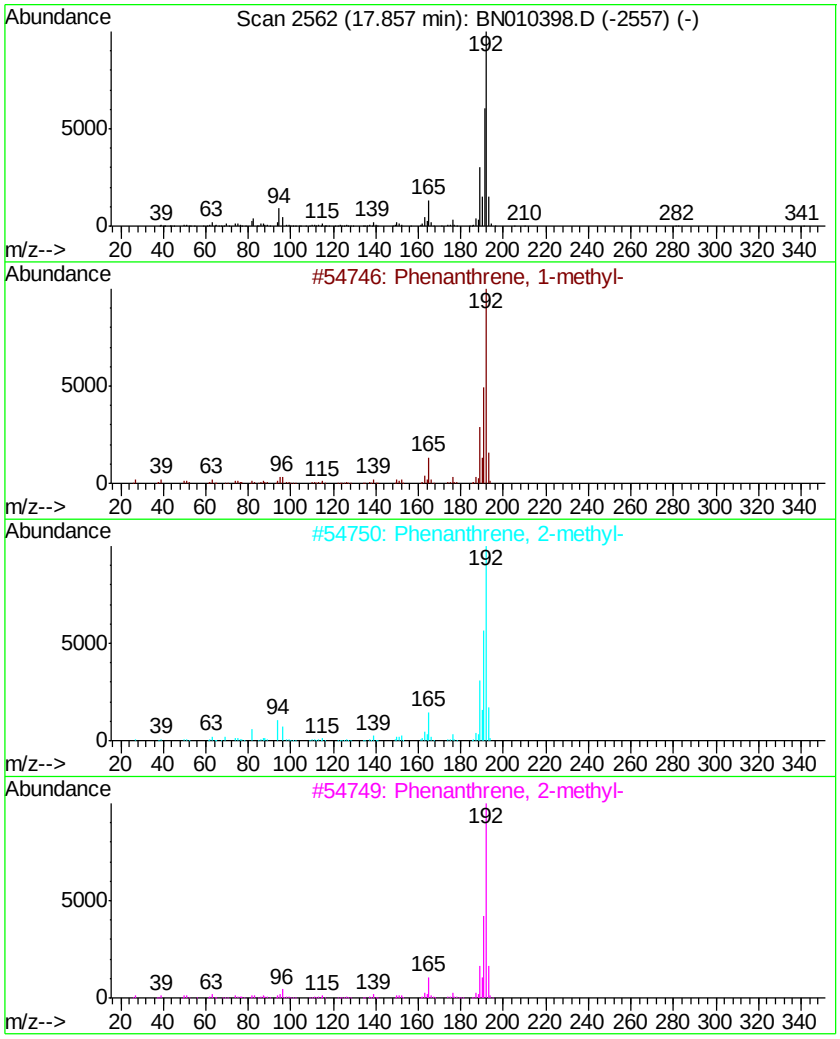
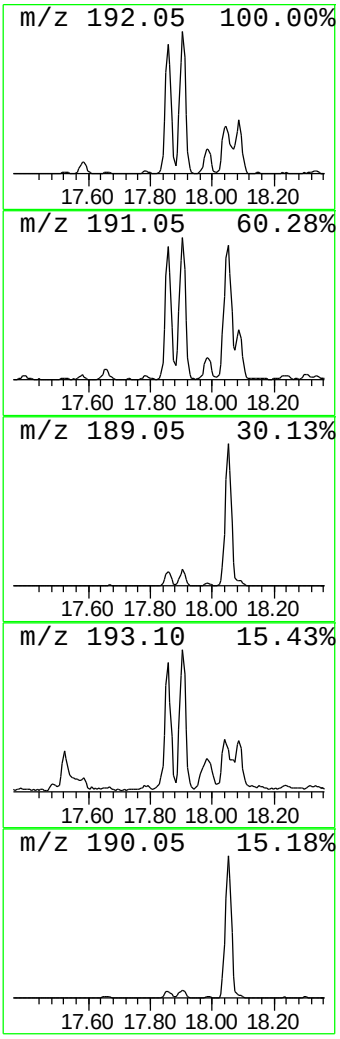
Peak Number 28 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	4.45 ng/ul	1595280	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Quant Title : SVOA CALIBRATION

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

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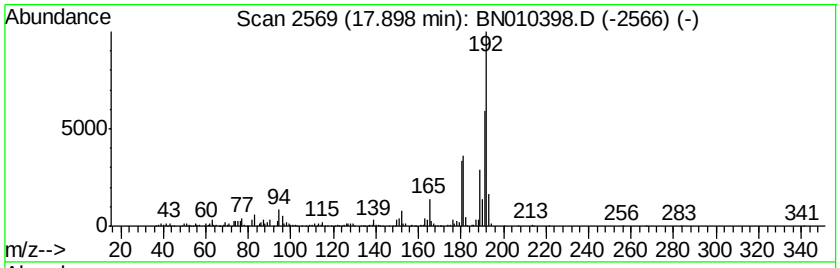
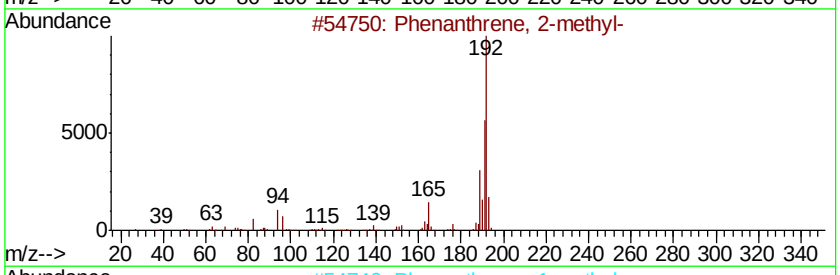
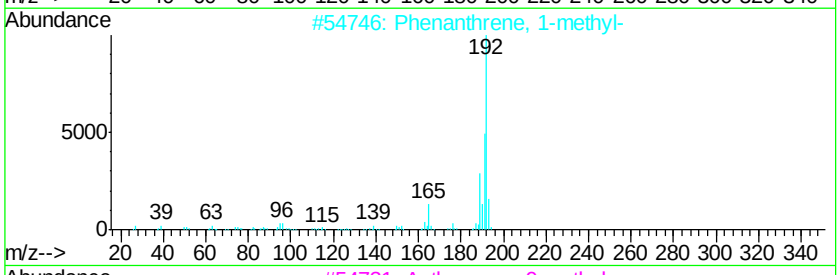
Peak Number 29 Phenanthrene, 2-methyl- Concentration Rank 11

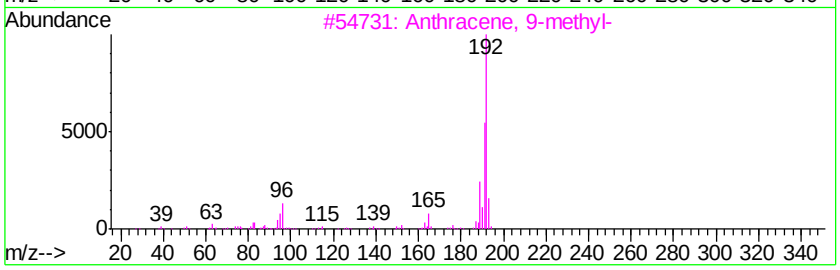
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	7.23 ng/ul	2595910	Phenanthrene-d10	16.98

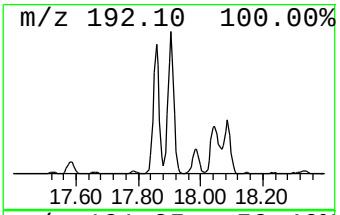
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93

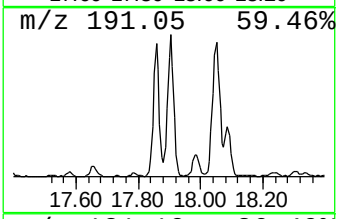


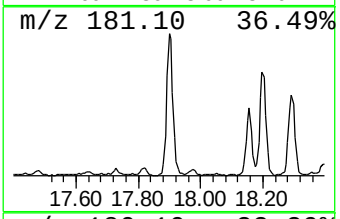


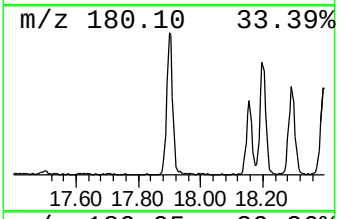


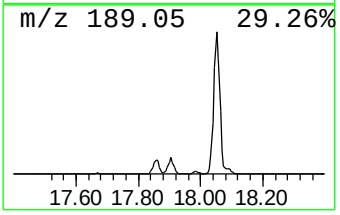












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010398.D
Acq On : 02 Apr 2020 18:33
Operator : CG/JU
Sample : L2095-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

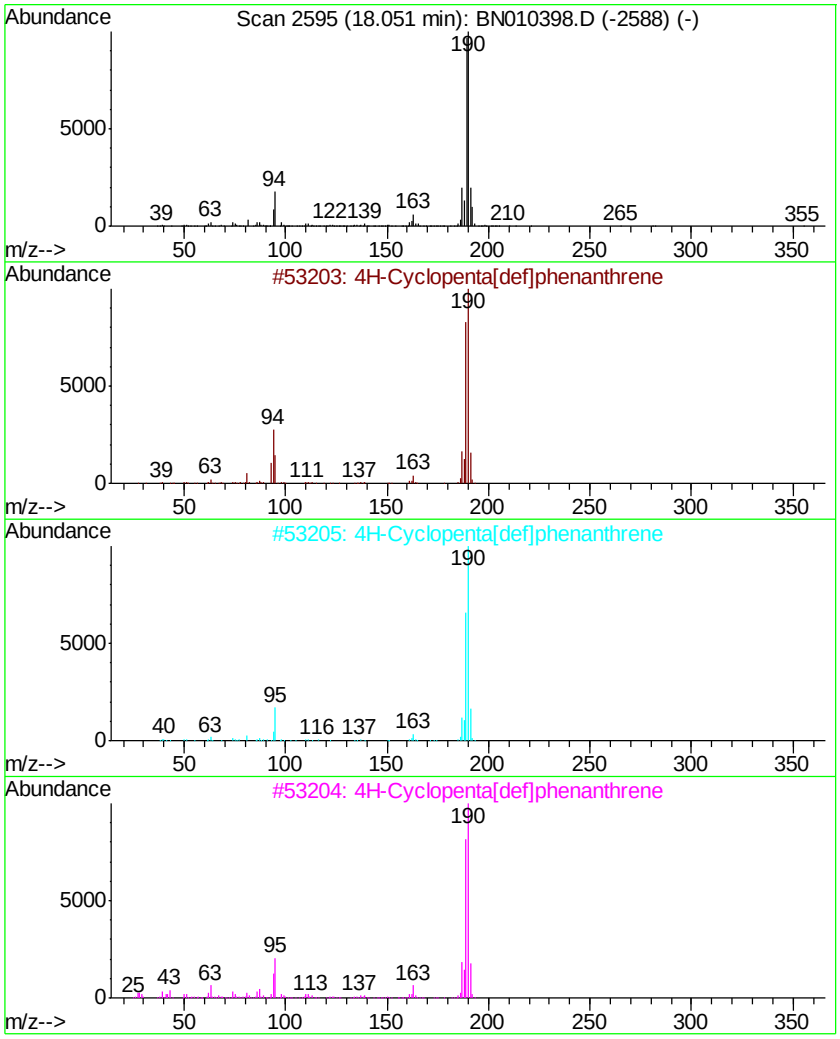
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

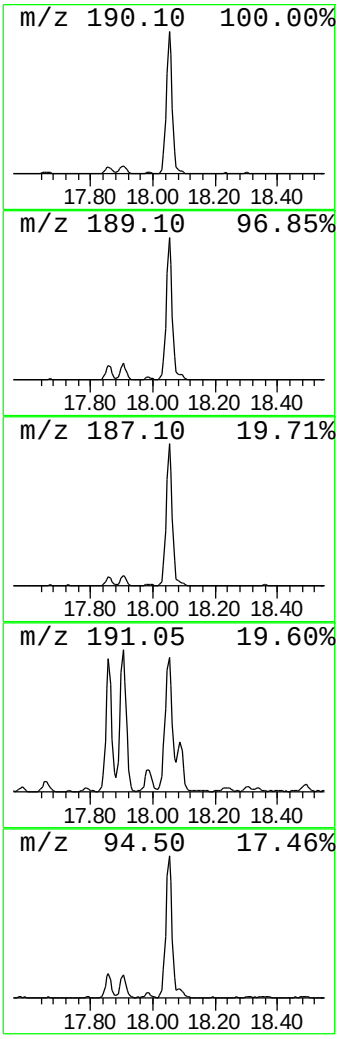
****

Peak Number 30 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	16.56 ng/ul	5942360	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	64
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040120\
Data File : BN010398.D
Acq On : 02 Apr 2020 18:33
Operator : CG/JU
Sample : L2095-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.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
Butane, 2-methoxy...	2.97	5.5	ng/ul	662212	1	7.61	2422840	20.0
Propanoic acid, p...	3.65	3.5	ng/ul	429760	1	7.61	2422840	20.0
Propanoic acid, 2...	4.16	8.9	ng/ul	1080400	1	7.61	2422840	20.0
Butanoic acid, 1-...	4.78	18.4	ng/ul	2228240	1	7.61	2422840	20.0
Butanoic acid, pr...	5.61	3.1	ng/ul	370832	1	7.61	2422840	20.0
Indane	7.98	4.6	ng/ul	555436	1	7.61	2422840	20.0
Indene	8.14	2.2	ng/ul	271623	1	7.61	2422840	20.0
unknown-01	11.90	4.1	ng/ul	791054	2	10.37	3872240	20.0
Quinoline, 2-methyl-	12.16	3.3	ng/ul	640032	2	10.37	3872240	20.0
Naphthalene, 1-me...	12.26	29.8	ng/ul	5777790	2	10.37	3872240	20.0
Naphthalene, 1-et...	13.26	4.8	ng/ul	1686950	3	14.24	7058520	20.0
Naphthalene, 2,6-...	13.40	3.8	ng/ul	1337510	3	14.24	7058520	20.0
Naphthalene, 2,3-...	13.56	7.4	ng/ul	2601440	3	14.24	7058520	20.0
Naphthalene, 1,6-...	13.79	3.6	ng/ul	1274520	3	14.24	7058520	20.0
1-Naphthalenecarb...	14.36	4.2	ng/ul	1489250	3	14.24	7058520	20.0
Benzene, [1-(2,4-...	14.55	3.1	ng/ul	1092870	3	14.24	7058520	20.0
1-Isopropenylnaph...	15.41	3.4	ng/ul	1212860	3	14.24	7058520	20.0
Nordiphenamid	15.45	7.6	ng/ul	2690060	3	14.24	7058520	20.0
Diphenylmethane	15.54	3.2	ng/ul	1142810	3	14.24	7058520	20.0
[1,1'-Biphenyl]-4...	15.59	6.2	ng/ul	2191040	3	14.24	7058520	20.0
1(2H)-Acenaphthyl...	15.96	2.6	ng/ul	934256	4	16.98	7176090	20.0
Anthracene, 9,10-...	16.09	4.9	ng/ul	1758160	4	16.98	7176090	20.0
9H-Fluorene, 3-me...	16.29	4.8	ng/ul	1713760	4	16.98	7176090	20.0
9H-Fluorene, 1-me...	16.44	2.1	ng/ul	743413	4	16.98	7176090	20.0
Naphtho[2,3-b]thi...	16.80	14.6	ng/ul	5223450	4	16.98	7176090	20.0
Phenanthrene, 1-m...	17.86	4.5	ng/ul	1595280	4	16.98	7176090	20.0
Phenanthrene, 2-m...	17.90	7.2	ng/ul	2595910	4	16.98	7176090	20.0
4H-Cyclopenta[def...	18.05	16.6	ng/ul	5942360	4	16.98	7176090	20.0