LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010380.D
Acq On : 02 Apr 2020 04:08
Operator : CG/JU
Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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	2.893	13	18	27	rBV2	270603	573473	2.11%	0.142%
2	2.970	27	31	46	rVB	850068	1356578	4.99%	0.335%
3	6.793	674	681	688	rVV	772872	1212228	4.46%	0.299%
4	6.958	702	709	717	rVV	2451675	3895995	14.32%	0.961%
5	7.152	734	742	755	rBV	2937322	4539953	16.68%	1.120%
6	7.275	755	763	768	rVV	232398	353404	1.30%	0.087%
7	7.611	813	820	827	rBV	2616694	3998774	14.70%	0.987%
8	7.981	877	883	891	rVB	628741	963090	3.54%	0.238%
9	8.140	900	910	918	rBV	384532	635514	2.34%	0.157%
10	8.311	933	939	947	rVB	2415932	3657562	13.44%	0.903%
11	8.746	1001	1013	1028	rBV	3181715	5394040	19.82%	1.331%
12	8.952	1041	1048	1055	rVB	153320	268334	0.99%	0.066%
13	9.069	1055	1068	1074	rBV	212005	493736	1.81%	0.122%
14	9.463	1127	1135	1142	rBV	2775789	4467912	16.42%	1.103%
15	9.787	1183	1190	1199	rVB2	267100	510335	1.88%	0.126%
16	9.999	1217	1226	1235	rVV	4452131	7422979	27.28%	1.832%
17	10.369	1281	1289	1295	rVV	3819391	6233957	22.91%	1.538%
18	10.534	1307	1317	1328	rVB3	150796	430048	1.58%	0.106%
19	10.722	1343	1349	1356	rVB2	232425	396614	1.46%	0.098%
20	11.928	1548	1554	1558	rBV	358960	580298	2.13%	0.143%
21	12.034	1565	1572	1580	rBV	2799717	4415300	16.23%	1.090%
22	12.257	1597	1610	1622	rVB	8055023	13410330	49.28%	3.309%
23	12.975	1722	1732	1741	rVV	1634220	3005079	11.04%	0.742%
24	13.063	1741	1747	1755	rVB	6420000	9253730	34.01%	2.284%
25	13.263	1775	1781	1792	rVB2	474736	1037840	3.81%	0.256%
26	13.393	1792	1803	1813	rBV	1596799	3883235	14.27%	0.958%
27	13.557	1823	1831	1836	rBV	2547905	4398955	16.17%	1.086%
28	13.610	1836	1840	1843	rVV	1711107	2447207	8.99%	0.604%
29	13.657	1843	1848	1858	rVV	8416444	12135314	44.60%	2.995%
30	13.793	1865	1871	1875	rBV	861176	1372987	5.05%	0.339%
31	13.828	1875	1877	1882	rVB	435504	498831	1.83%	0.123%
32	13.928	1887	1894	1907	rBV	9709505	15695072	57.68%	3.873%
33	14.234	1937	1946	1952	rVV2	6090772	10420903	38.30%	2.572%
34	14.304	1952	1958	1964	rVV	17546481	25850908	95.00%	6.380%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010380.D
Acq On : 02 Apr 2020 04:08
Operator : CG/JU
Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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	14.363	1964	1968	1974	rVV	2545601	3538085	13.00%	0.873%
36	14.440	1974	1981	1991	rVV4	1036556	1992722	7.32%	0.492%
37	14.551	1995	2000	2005	rVV	362211	565416	2.08%	0.140%
38	14.640	2005	2015	2025	rVB	18021798	26884730	98.80%	6.635%
39	14.863	2043	2053	2058	rBV3	187855	433455	1.59%	0.107%
40	14.946	2064	2067	2073	rVB	507374	717691	2.64%	0.177%
41	15.034	2075	2082	2085	rBV2	148905	297814	1.09%	0.073%
42	15.157	2098	2103	2109	rBV	1237860	1877560	6.90%	0.463%
43	15.234	2109	2116	2121	rVV	12838436	19403323	71.31%	4.788%
44	15.293	2121	2126	2131	rVV	5576675	8104779	29.79%	2.000%
45	15.351	2131	2136	2141	rVV	4102307	5589550	20.54%	1.379%
46	15.404	2141	2145	2150	rVV2	518429	907021	3.33%	0.224%
47	15.451	2150	2153	2156	rVV	282461	430232	1.58%	0.106%
48	15.587	2171	2176	2181	rVB2	1515214	2131655	7.83%	0.526%
49	15.728	2195	2200	2210	rVB2	1238899	2621813	9.64%	0.647%
50	15.822	2210	2216	2224	rVB	196657	359188	1.32%	0.089%
51	15.957	2231	2239	2246	rBV2	2283781	3956065	14.54%	0.976%
52	16.145	2264	2271	2275	rBV	936171	1496538	5.50%	0.369%
53	16.187	2275	2278	2285	rVB3	305755	542424	1.99%	0.134%
54	16.269	2285	2292	2294	rBV3	329894	714142	2.62%	0.176%
55	16.351	2301	2306	2311	rBV2	1010275	1469983	5.40%	0.363%
56	16.469	2317	2326	2329	rVV4	205623	509475	1.87%	0.126%
57	16.504	2329	2332	2340	rVV2	271474	561219	2.06%	0.139%
58	16.604	2344	2349	2351	rVV	3688076	5115459	18.80%	1.262%
59	16.640	2351	2355	2365	rVB	9526791	13547189	49.79%	3.343%
60	16.745	2365	2373	2375	rBV3	98357	239242	0.88%	0.059%
61	16.798	2379	2382	2386	rVB	211859	270885	1.00%	0.067%
62	16.940	2401	2406	2408	rBV2	179118	251180	0.92%	0.062%
63	16.981	2408	2413	2419	rVV	7846342	10965894	40.30%	2.706%
64	17.040	2419	2423	2425	rVV	217328	368416	1.35%	0.091%
65	17.081	2425	2430	2437	rVV	14446551	20358963	74.82%	5.024%
66	17.181	2442	2447	2459	rVB6	316650	801426	2.95%	0.198%
67	17.298	2461	2467	2472	rBV2	444239	700825	2.58%	0.173%
68	17.381	2475	2481	2486	rBV	6467405	9119520	33.51%	2.251%
69	17.434	2486	2490	2496	rVV2	717778	973990	3.58%	0.240%
70	17.563	2506	2512	2514	rBV2	197592	320045	1.18%	0.079%
71	17.604	2514	2519	2523	rVB4	255886	488159	1.79%	0.120%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010380.D
Acq On : 02 Apr 2020 04:08
Operator : CG/JU
Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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	17.681	2526	2532	2543	rVB2	537955	954451	3.51%	0.236%
73	17.775	2543	2548	2553	rBV2	145720	266136	0.98%	0.066%
74	17.904	2561	2570	2573	rBV	836700	1298334	4.77%	0.320%
75	17.975	2579	2582	2587	rVB2	188480	253280	0.93%	0.063%
76	18.051	2588	2595	2599	rBV	831225	1210039	4.45%	0.299%
77	18.198	2615	2620	2624	rBV	397231	622765	2.29%	0.154%
78	18.292	2632	2636	2643	rVB	294014	423969	1.56%	0.105%
79	18.392	2650	2653	2659	rVB	838565	1086406	3.99%	0.268%
80	18.592	2679	2687	2689	rBV2	128194	235843	0.87%	0.058%
81	18.775	2713	2718	2726	rVB4	164887	318664	1.17%	0.079%
82	18.916	2737	2742	2750	rVB	667433	854199	3.14%	0.211%
83	19.010	2751	2758	2760	rBV2	277566	591143	2.17%	0.146%
84	19.045	2760	2764	2770	rVB	1868624	2486722	9.14%	0.614%
85	19.104	2770	2774	2783	rVB3	312886	506667	1.86%	0.125%
86	19.198	2786	2790	2794	rBV5	190843	257876	0.95%	0.064%
87	19.381	2813	2821	2833	rVV	18251333	27210494	100.00%	6.715%
88	19.469	2833	2836	2844	rVB3	179181	259419	0.95%	0.064%
89	19.857	2896	2902	2913	rBV	2855725	3939168	14.48%	0.972%
90	20.469	3002	3006	3008	rVV3	183980	235476	0.87%	0.058%
91	20.504	3008	3012	3017	rVB2	254327	383554	1.41%	0.095%
92	21.180	3122	3127	3137	rVB	10851313	13663462	50.21%	3.372%
93	21.798	3229	3232	3237	rBV2	354760	404795	1.49%	0.100%
94	22.251	3306	3309	3315	rVB2	484598	593757	2.18%	0.147%
95	22.745	3389	3393	3399	rVB	561814	764454	2.81%	0.189%
96	23.222	3466	3474	3481	rBV	14488053	25801841	94.82%	6.368%
97	23.292	3482	3486	3490	rVV2	744986	1211824	4.45%	0.299%
98	23.357	3490	3497	3511	rVB	7828936	13693470	50.32%	3.379%
99	23.916	3587	3592	3598	rVB	562140	955065	3.51%	0.236%
100	24.627	3710	3713	3723	rVB2	463825	888103	3.26%	0.219%

Sum of corrected areas: 405207964

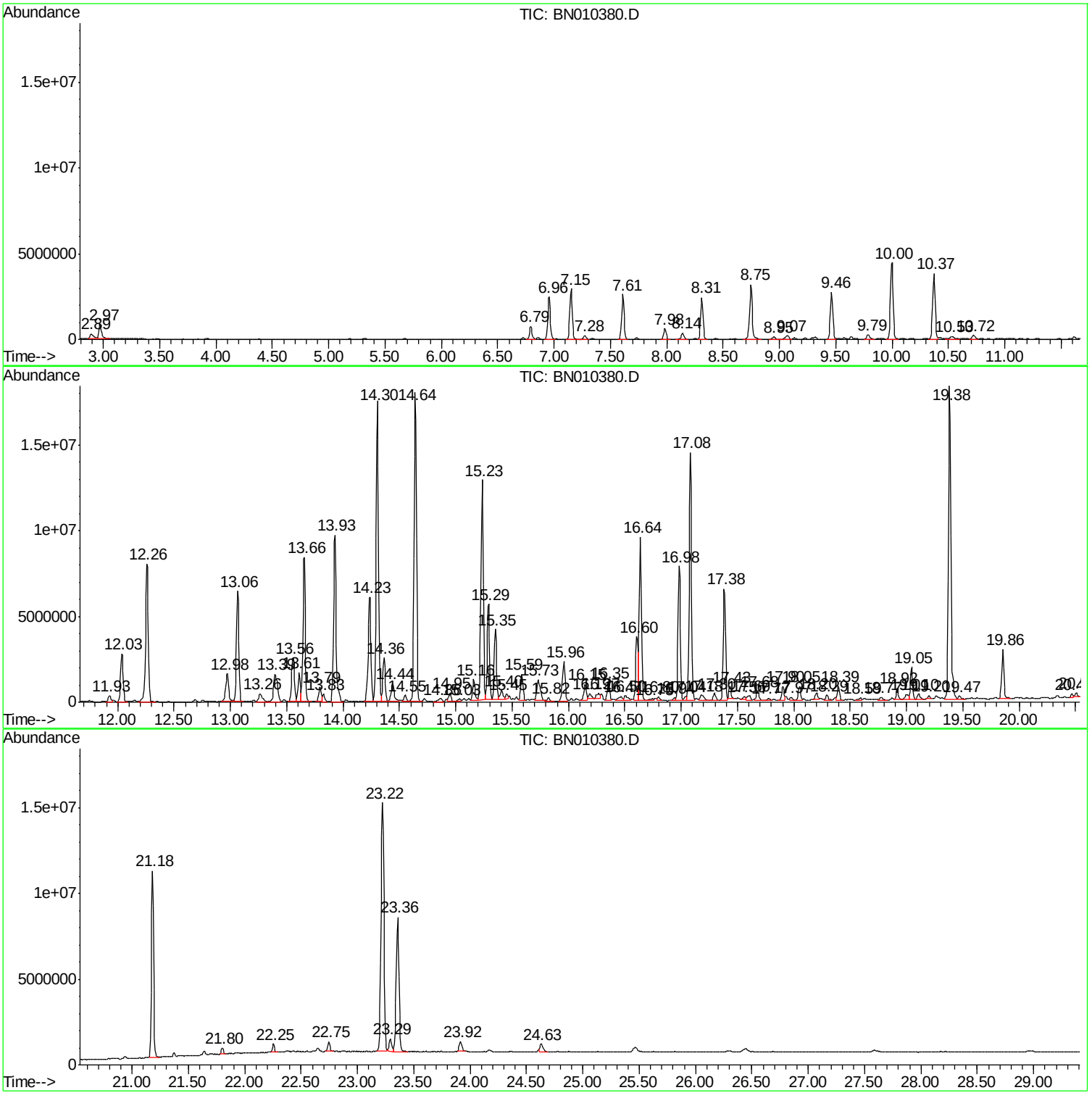
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010380.D
Acq On : 02 Apr 2020 04:08
Operator : CG/JU
Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010380.D
Acq On : 02 Apr 2020 04:08
Operator : CG/JU
Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

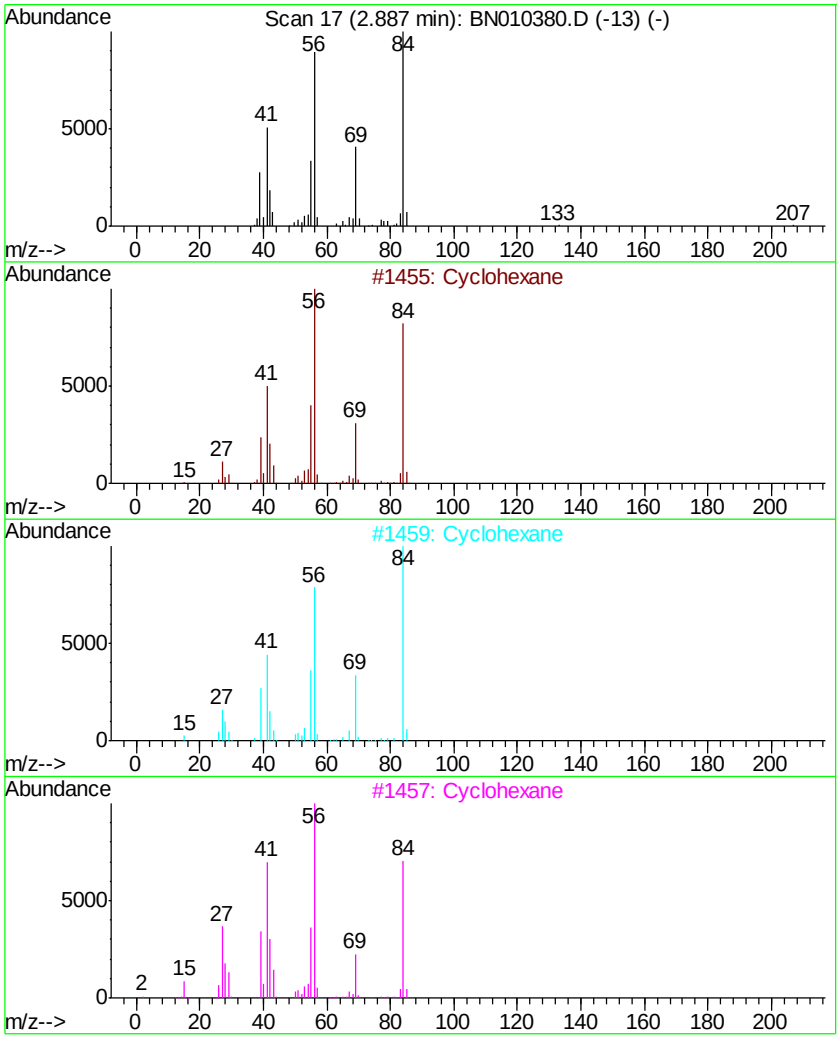
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

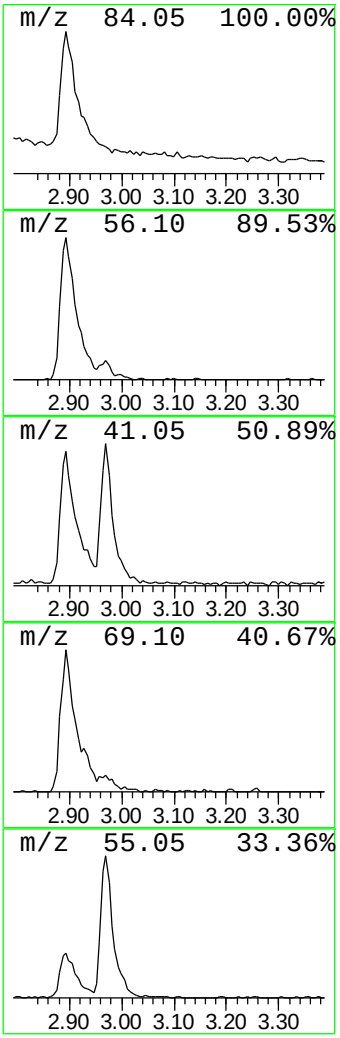
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic2.89 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	2.87 ng/ul	573473	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	87
3	Cyclohexane	84	C6H12	000110-82-7	78
4	Cyclohexane	84	C6H12	000110-82-7	78
5	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010380.D
Acq On : 02 Apr 2020 04:08
Operator : CG/JU
Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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

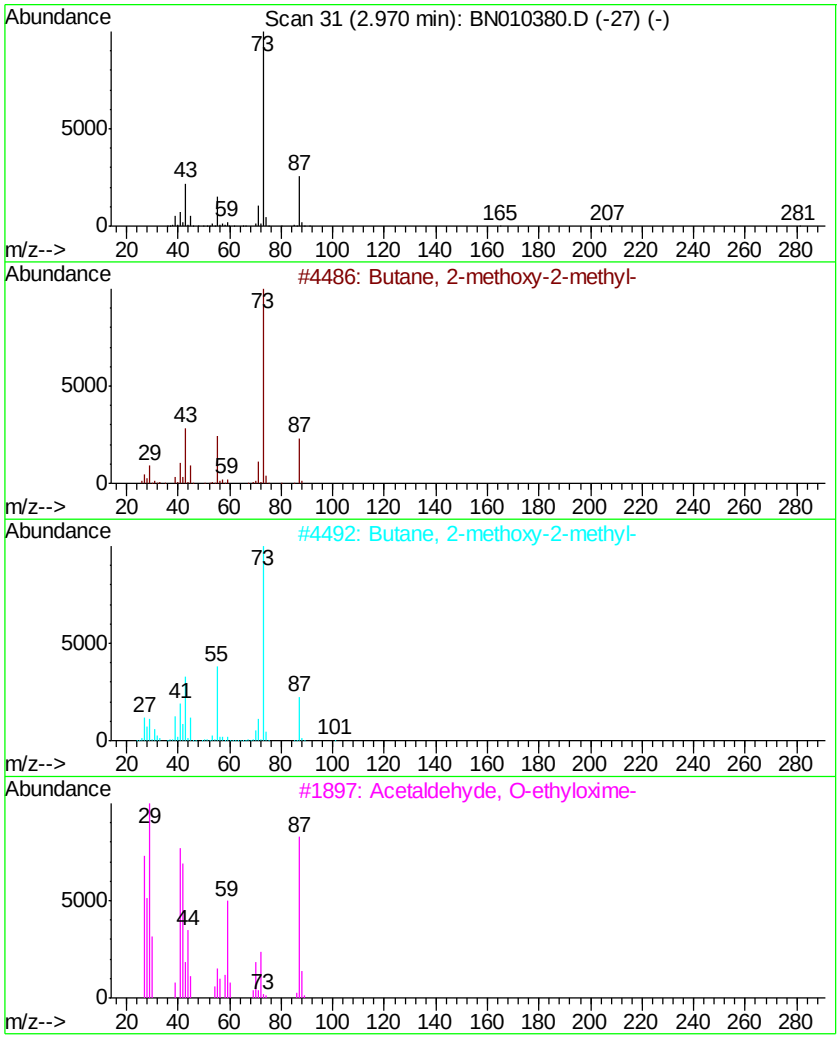
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

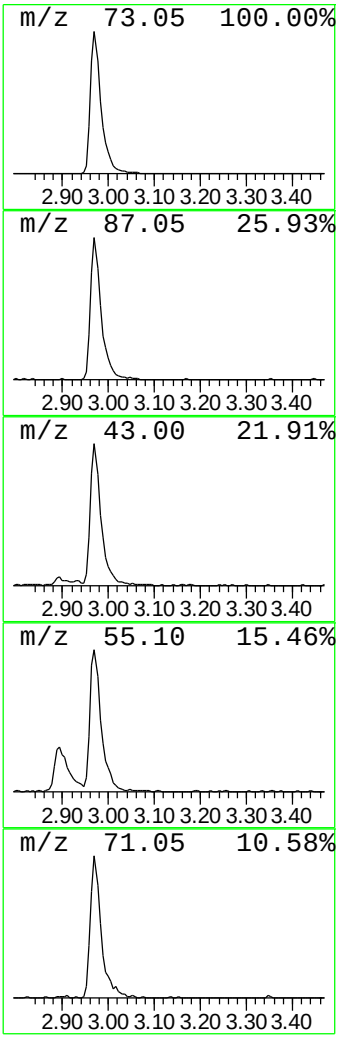
****

Peak Number 2 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	6.78 ng/ul	1356580	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	47
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
3	Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010380.D
Acq On : 02 Apr 2020 04:08
Operator : CG/JU
Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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

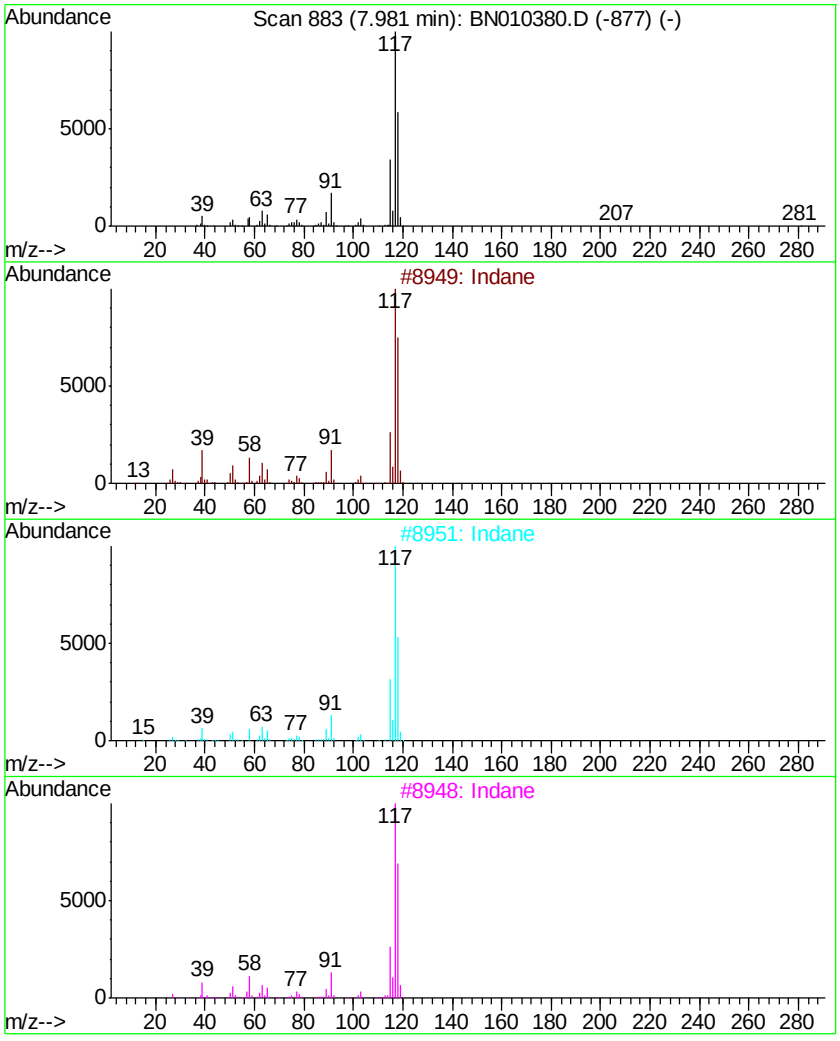
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

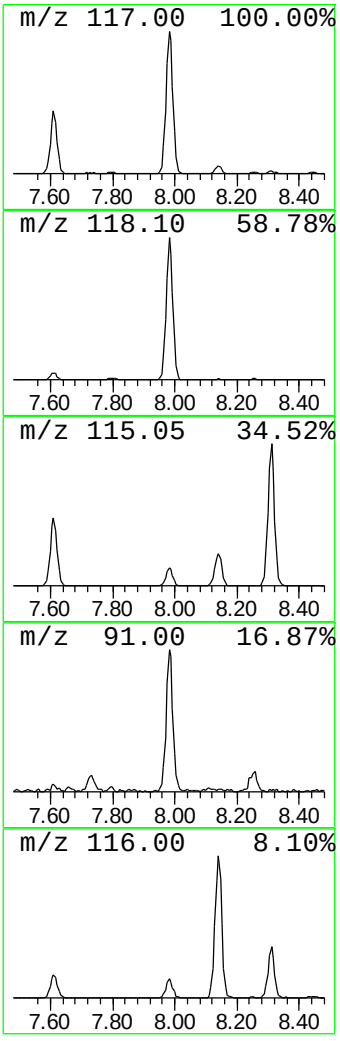
****

Peak Number 3 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	4.82 ng/ul	963090	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	87
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Deltacyclene	118	C9H10	007785-10-6	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010380.D
Acq On : 02 Apr 2020 04:08
Operator : CG/JU
Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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

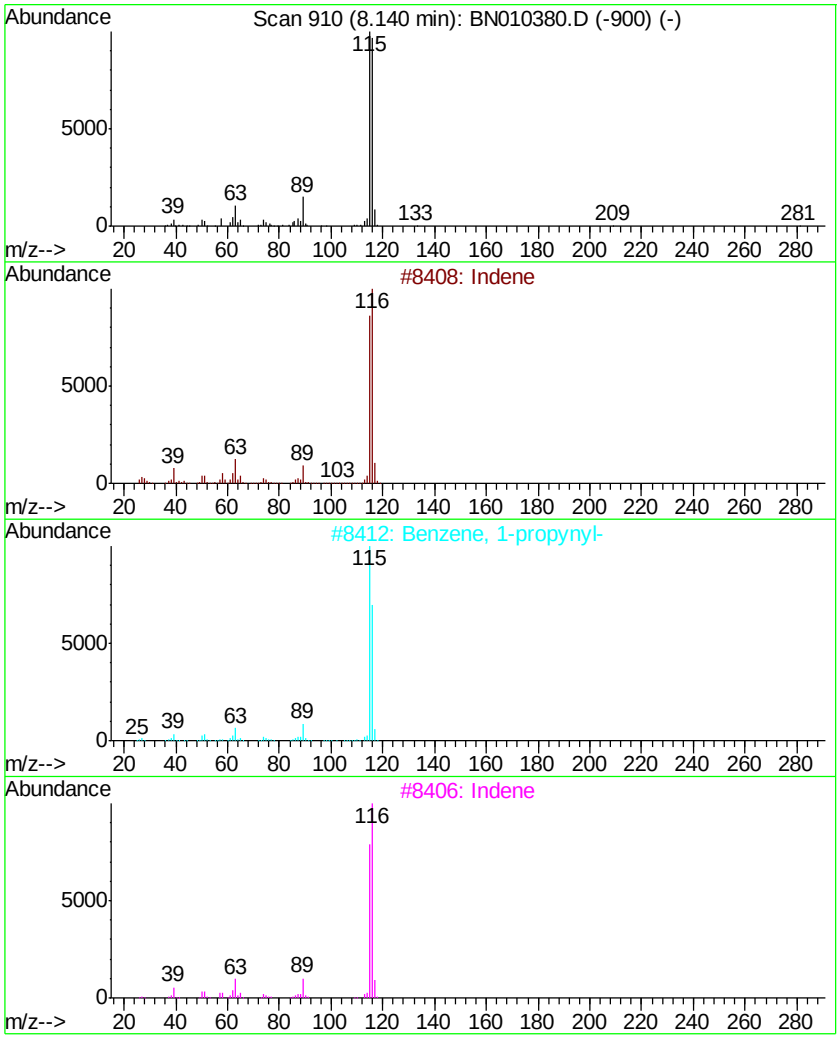
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

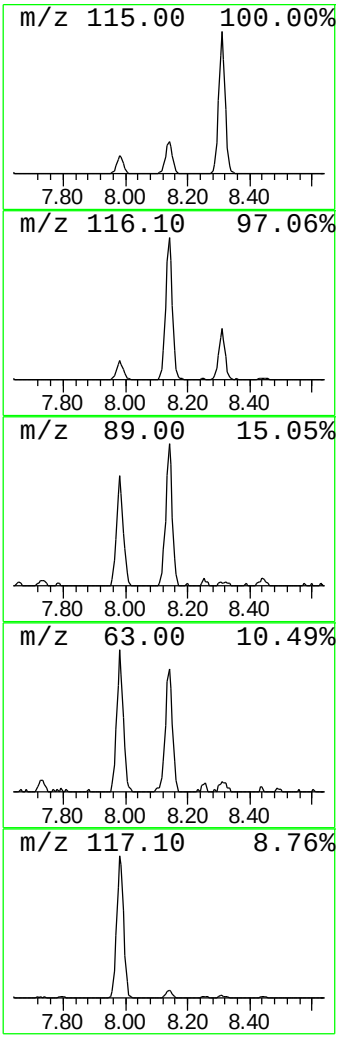
****

Peak Number 4 Indene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	3.18 ng/ul	635514	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Indene	116	C9H8	000095-13-6	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010380.D
Acq On : 02 Apr 2020 04:08
Operator : CG/JU
Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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

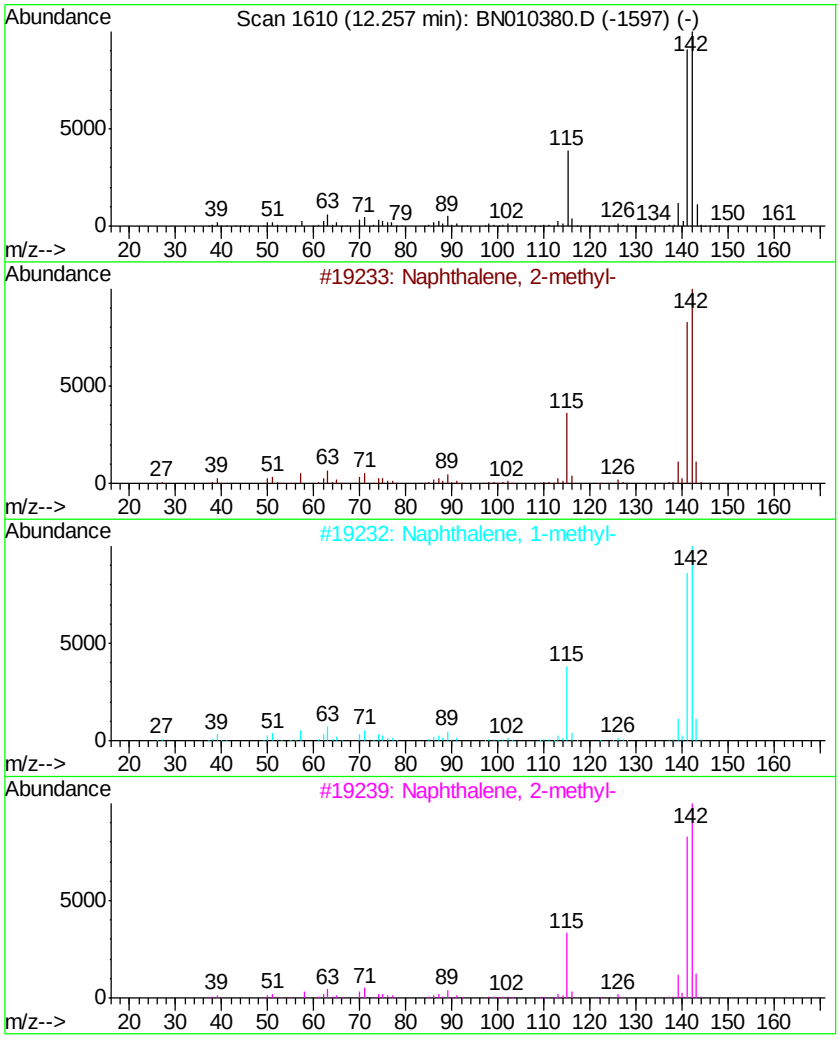
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

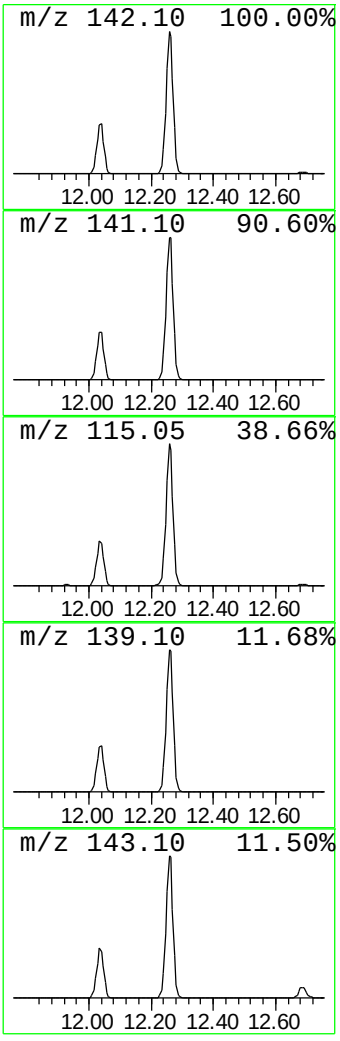
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	43.02 ng/ul	13410300	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





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Acq On : 02 Apr 2020 04:08
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Sample : L2065-12
Misc :
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Instrument : BNA_N
ClientSampleId : DBF08

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Quant Title : SVOA CALIBRATION

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

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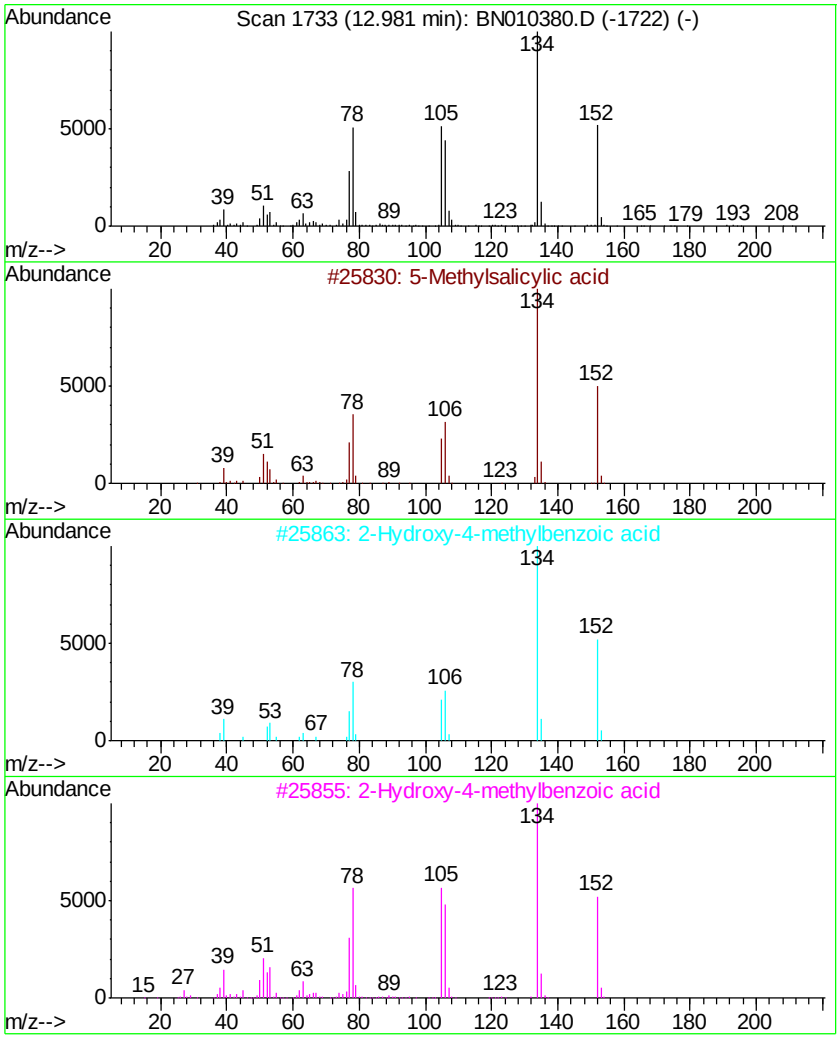
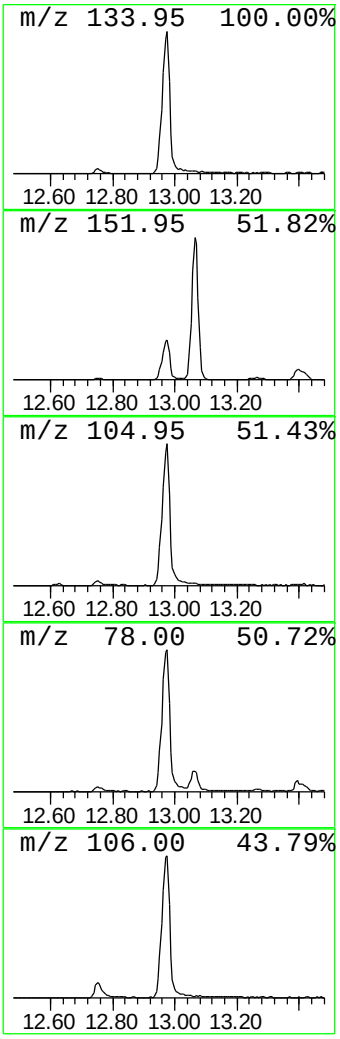
Peak Number 6 5-Methylsalicylic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	5.77 ng/ul	3005080	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methylsalicylic acid	152	C8H8O3	000089-56-5	91
2	2-Hydroxy-4-methylbenzoic acid	152	C8H8O3	000050-85-1	91
3	2-Hydroxy-4-methylbenzoic acid	152	C8H8O3	000050-85-1	91
4	2-Hydroxy-4-methylbenzoic acid	152	C8H8O3	000050-85-1	90
5	5-Methylsalicylic acid	152	C8H8O3	000089-56-5	72





Library Search Compound Report

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Operator : CG/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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Quant Title : SVOA CALIBRATION

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

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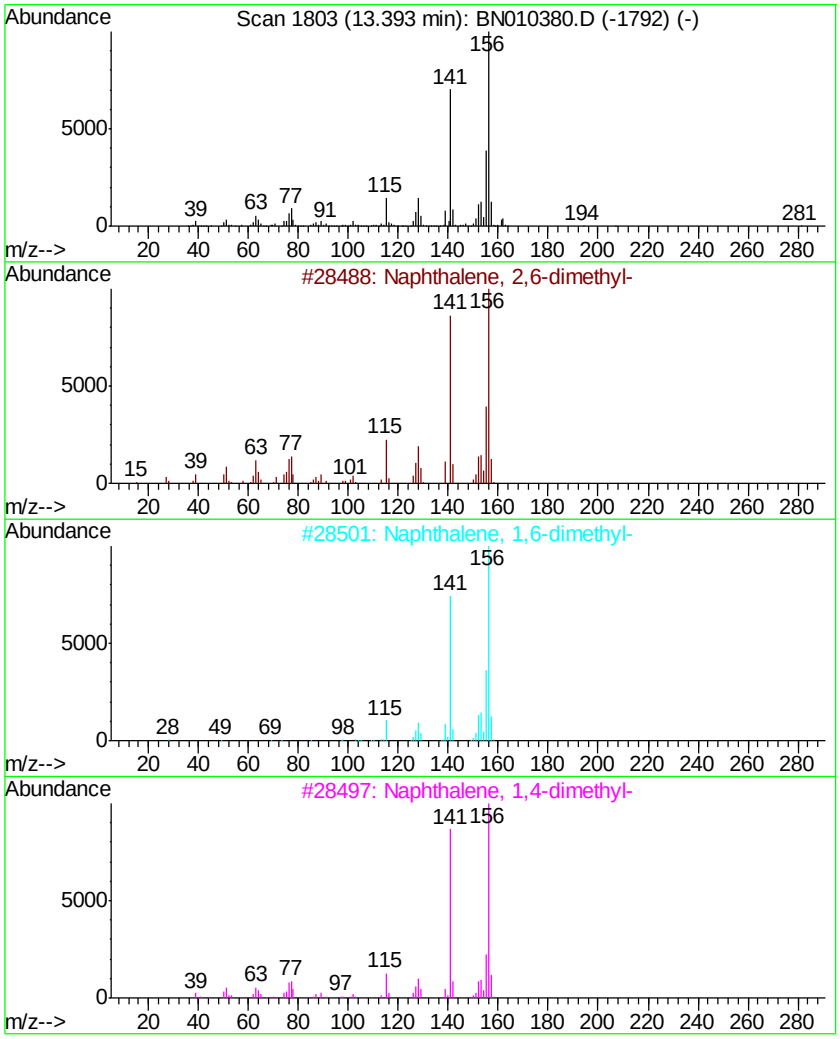
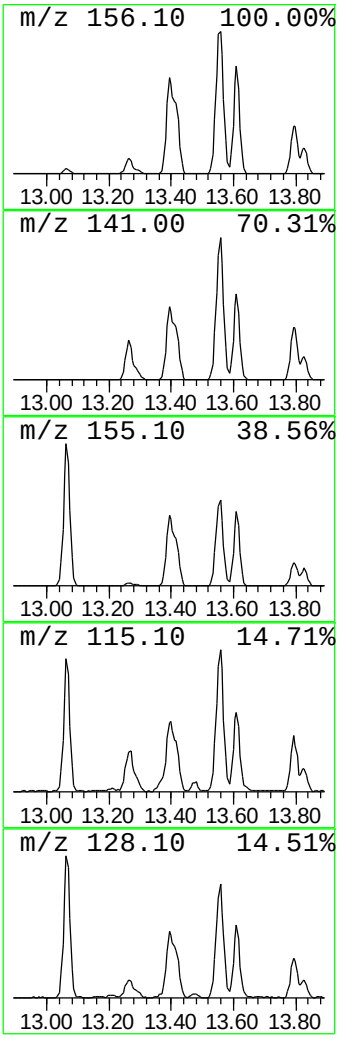
Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	7.45 ng/ul	3883240	Acenaphthene-d10	14.24

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





Library Search Compound Report

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Acq On : 02 Apr 2020 04:08
Operator : CG/JU
Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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Quant Title : SVOA CALIBRATION

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

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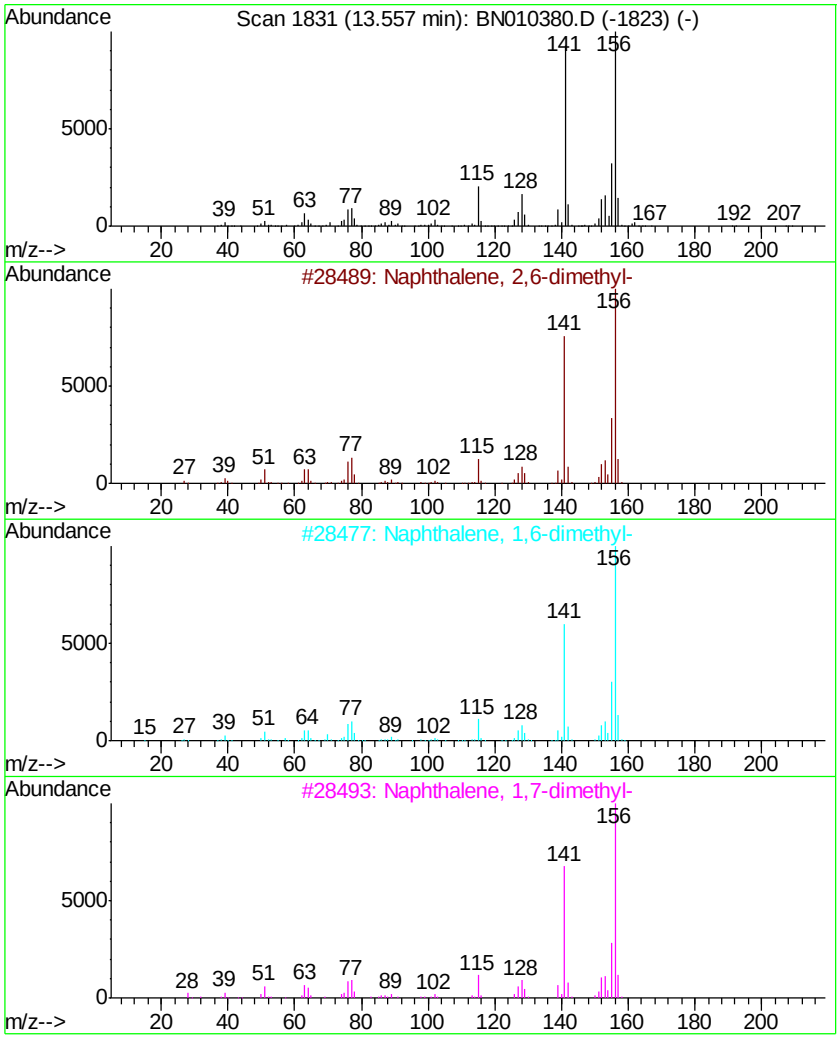
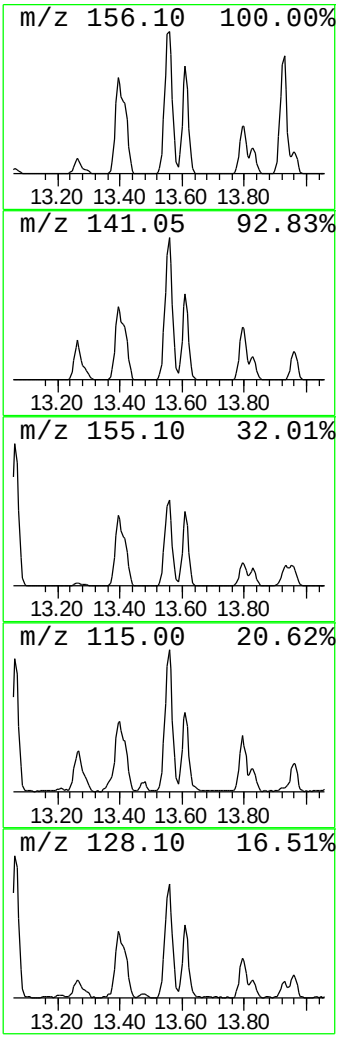
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	8.44 ng/ul	4398960	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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Operator : CG/JU
Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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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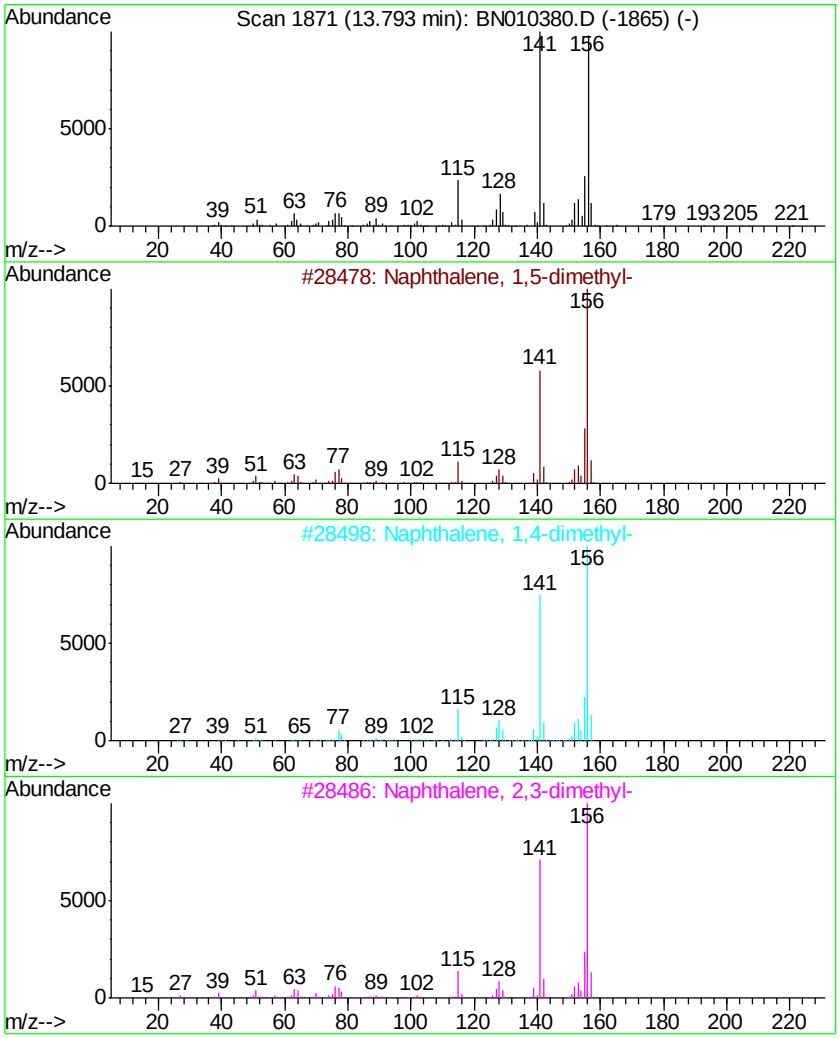
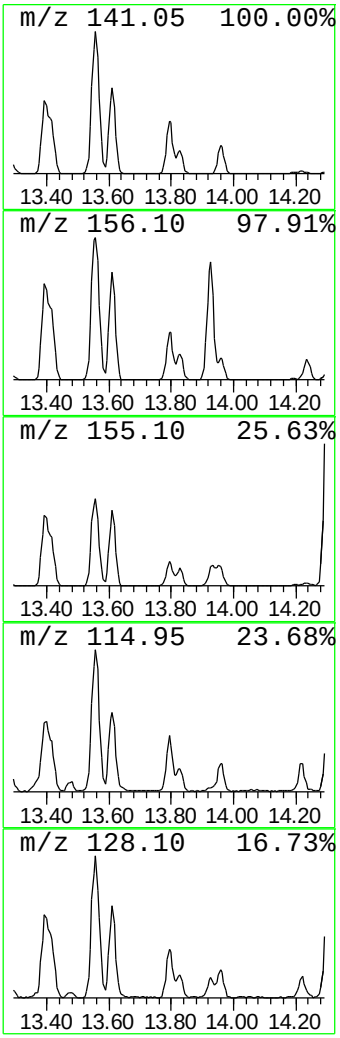
Peak Number 9 Naphthalene, 1,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	2.64 ng/ul	1372990	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Library Search Compound Report

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Acq On : 02 Apr 2020 04:08
Operator : CG/JU
Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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Quant Title : SVOA CALIBRATION

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

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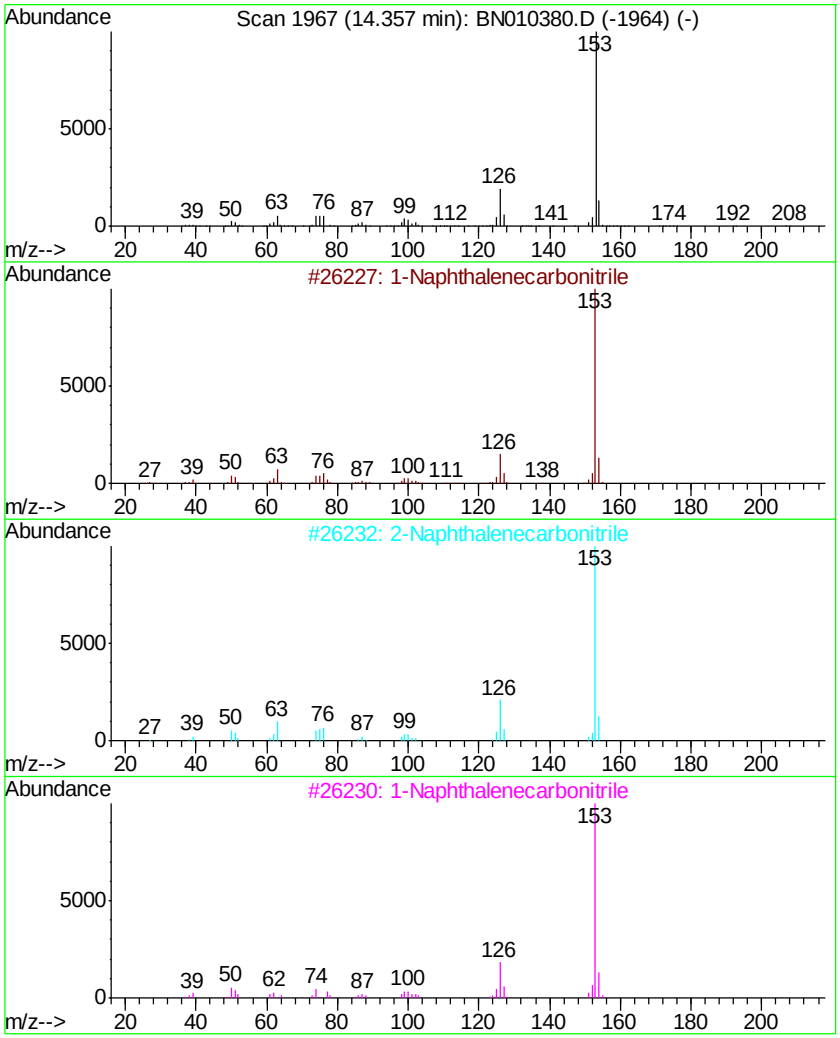
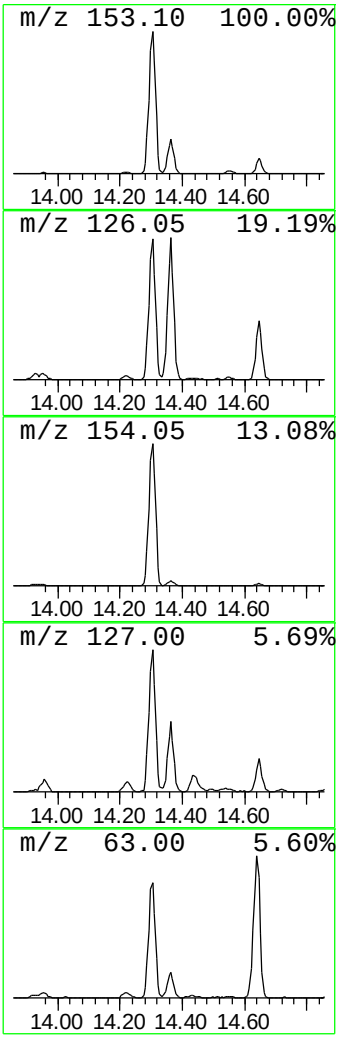
Peak Number 10 1-Naphthalenecarbonitrile Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	6.79 ng/ul	3538090	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	97
2	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91





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Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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Quant Title : SVOA CALIBRATION

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

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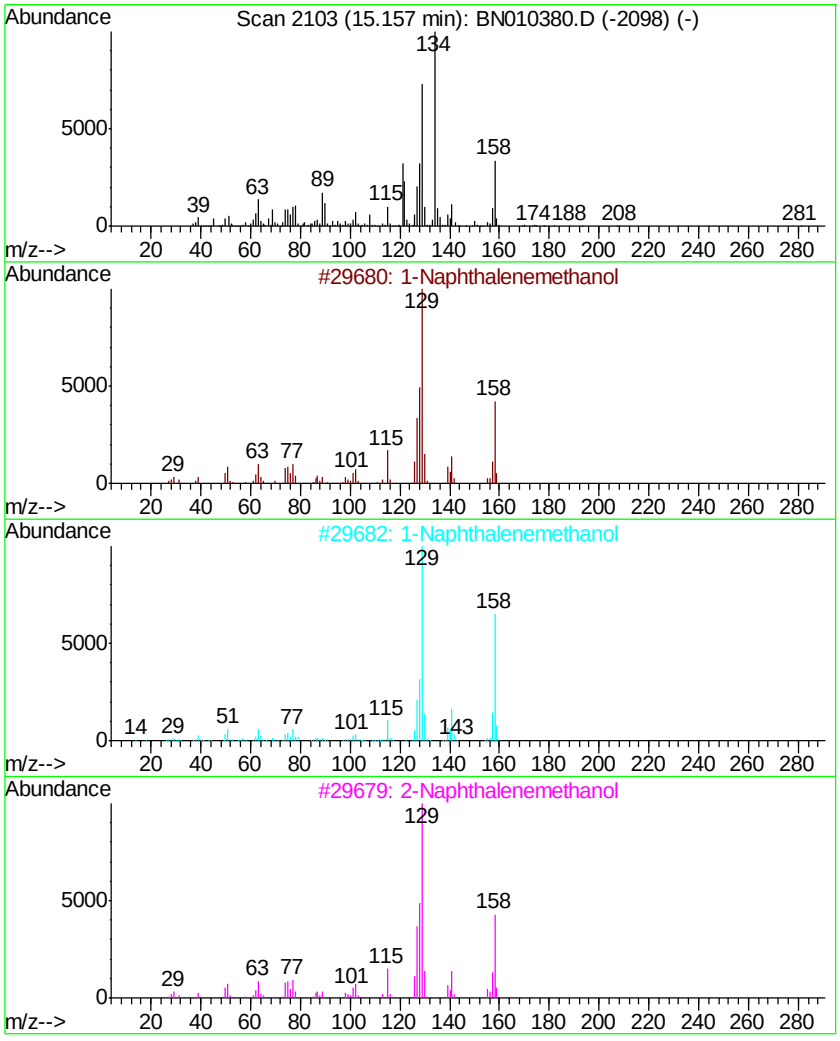
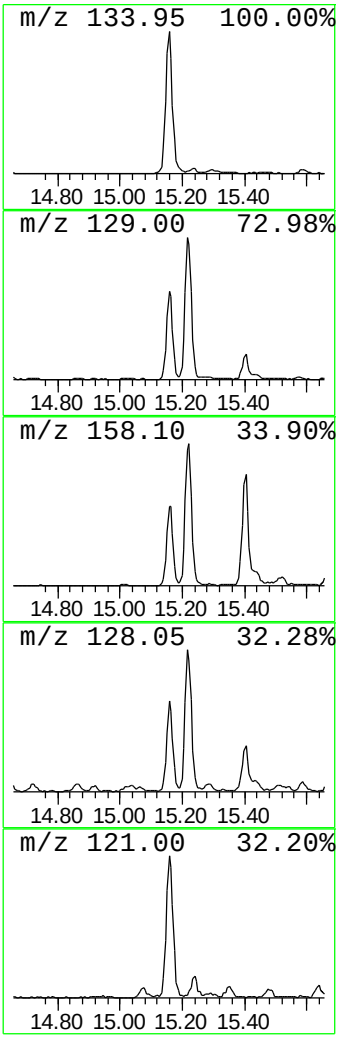
Peak Number 11 1-Naphthalenemethanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	3.60 ng/ul	1877560	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenemethanol	158	C11H10O	004780-79-4	96
2	1-Naphthalenemethanol	158	C11H10O	004780-79-4	89
3	2-Naphthalenemethanol	158	C11H10O	001592-38-7	70
4	1-Naphthalenemethanol	158	C11H10O	004780-79-4	50
5	1,4-Methanonaphthalen-9-ol, 1,4-...	158	C11H10O	004796-33-2	45





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Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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Quant Title : SVOA CALIBRATION

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

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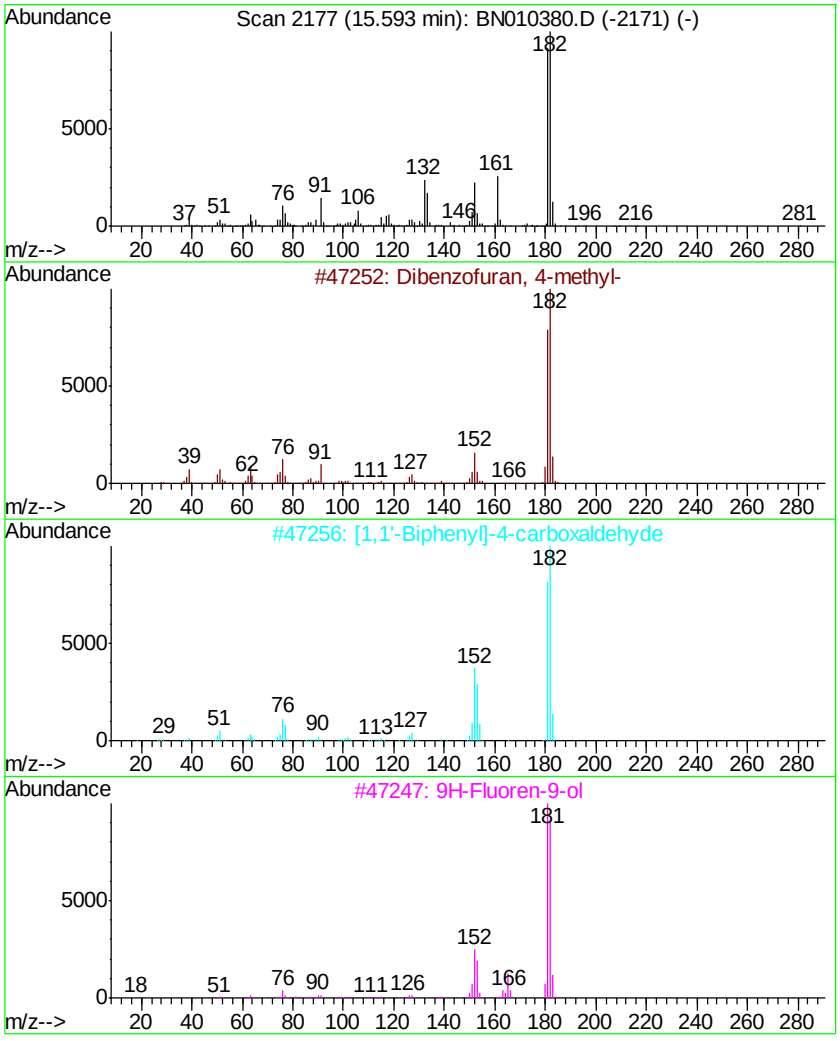
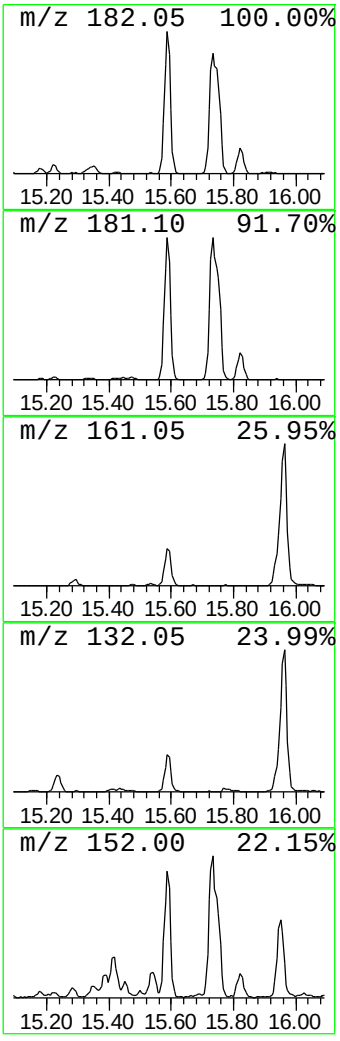
Peak Number 12 Dibenzofuran, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	4.09 ng/ul	2131660	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	89
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	62
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	59
4	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	50
5	9H-Xanthene	182	C13H10O	000092-83-1	49





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ClientSampleId : DBF08

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Quant Title : SVOA CALIBRATION

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

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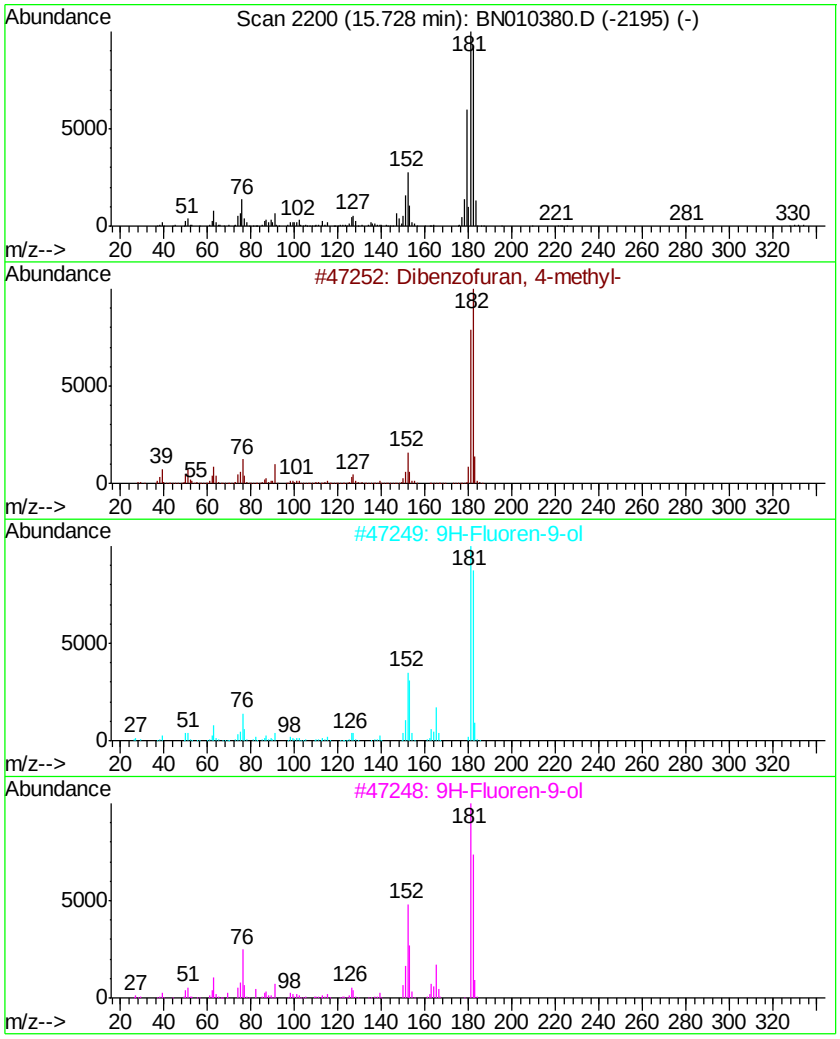
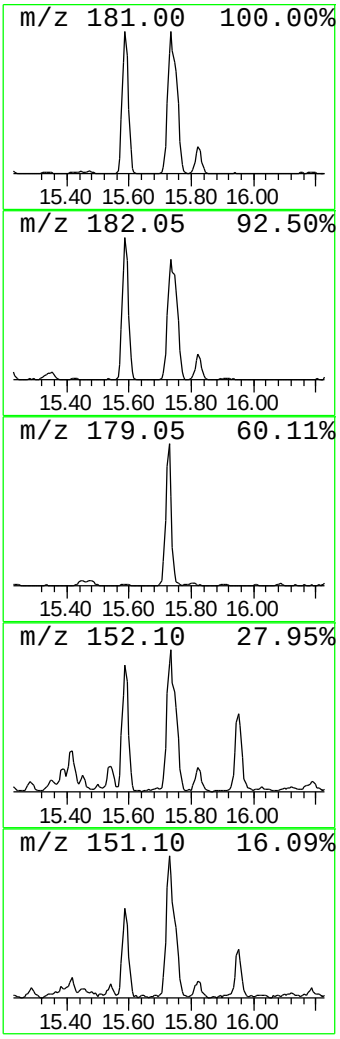
Peak Number 13 9H-Fluoren-9-ol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	4.78 ng/ul	2621810	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	76
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64





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Misc :
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Instrument : BNA_N
ClientSampleId : DBF08

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Quant Title : SVOA CALIBRATION

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

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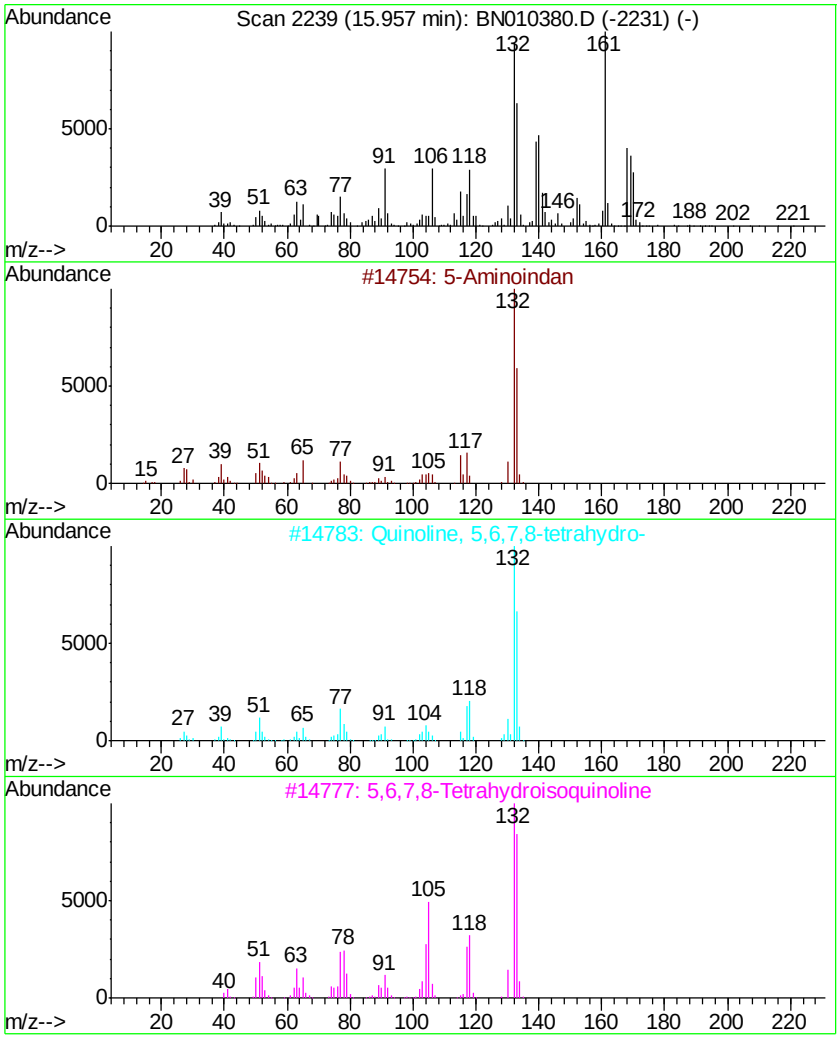
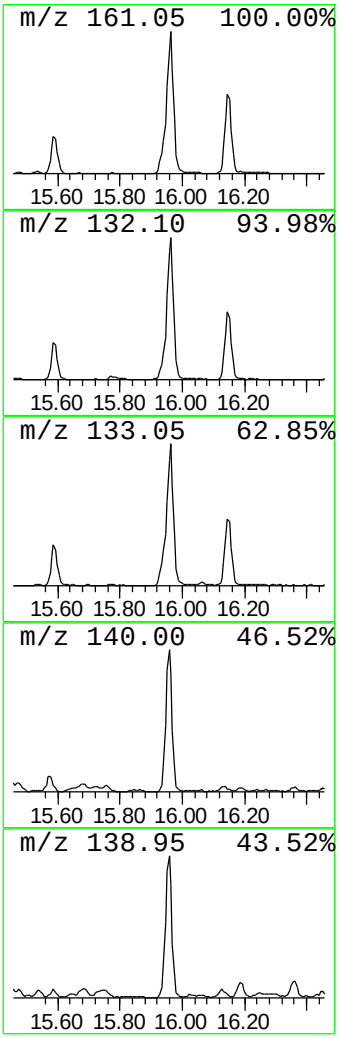
Peak Number 14 5-Aminoindan Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	7.22 ng/ul	3956070	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindan	133	C9H11N	024425-40-9	64
2	Quinoline, 5,6,7,8-tetrahydro-	133	C9H11N	010500-57-9	35
3	5,6,7,8-Tetrahydroisoquinoline	133	C9H11N	1000379-32-5	30
4	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	25
5	2(1H)-Quinoxalinone, 7-amino-	161	C8H7N3O	1000338-39-0	25





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Sample : L2065-12
Misc :
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Instrument : BNA_N
ClientSampleId : DBF08

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Quant Title : SVOA CALIBRATION

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

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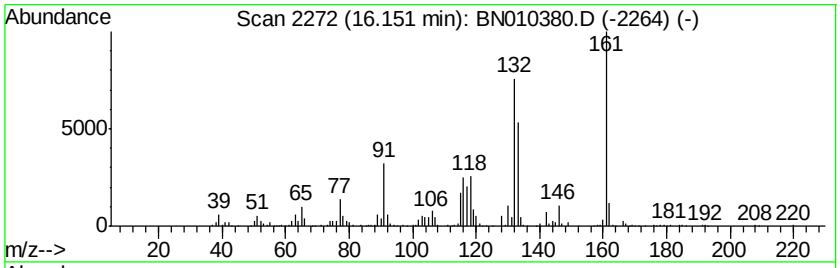
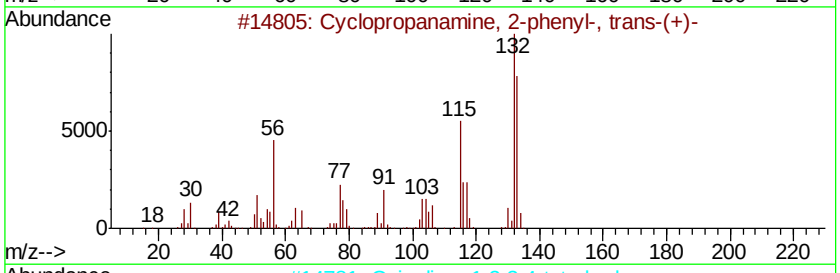
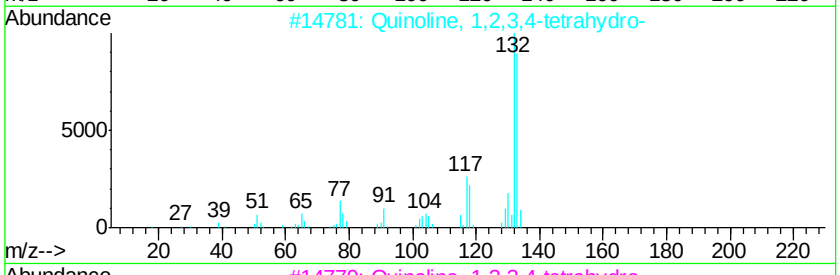
Peak Number 15 Cyclopropanamine, 2-phenyl-... Concentration Rank 17

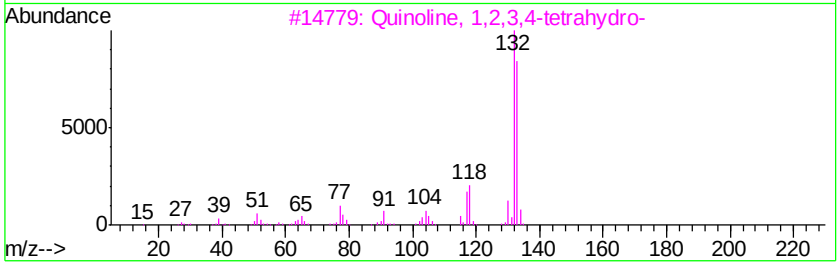
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.73 ng/ul	1496540	Phenanthrene-d10	16.98

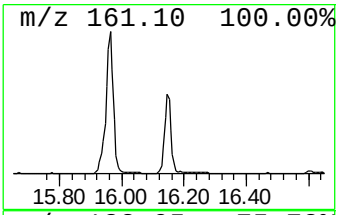
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanamine, 2-phenyl-, tra...	133	C9H11N	003721-28-6	55
2	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	55
3	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	55
4	1,4-Dihydrobenzo[e][1,2,4]triaze...	161	C8H7N3O	057711-25-8	53
5	5-Aminoindan	133	C9H11N	024425-40-9	50

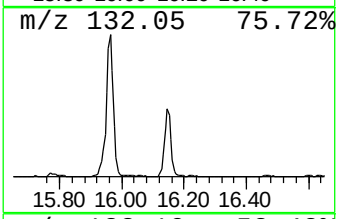


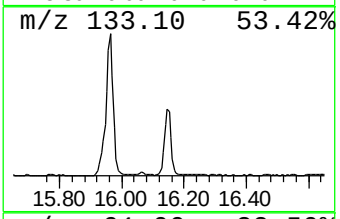


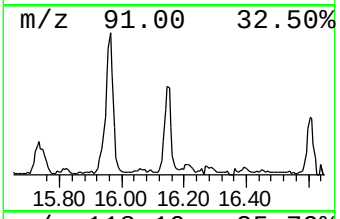


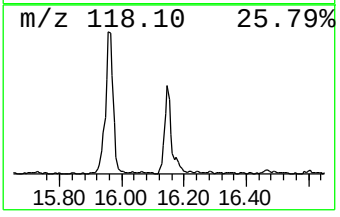












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Data File : BN010380.D
Acq On : 02 Apr 2020 04:08
Operator : CG/JU
Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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

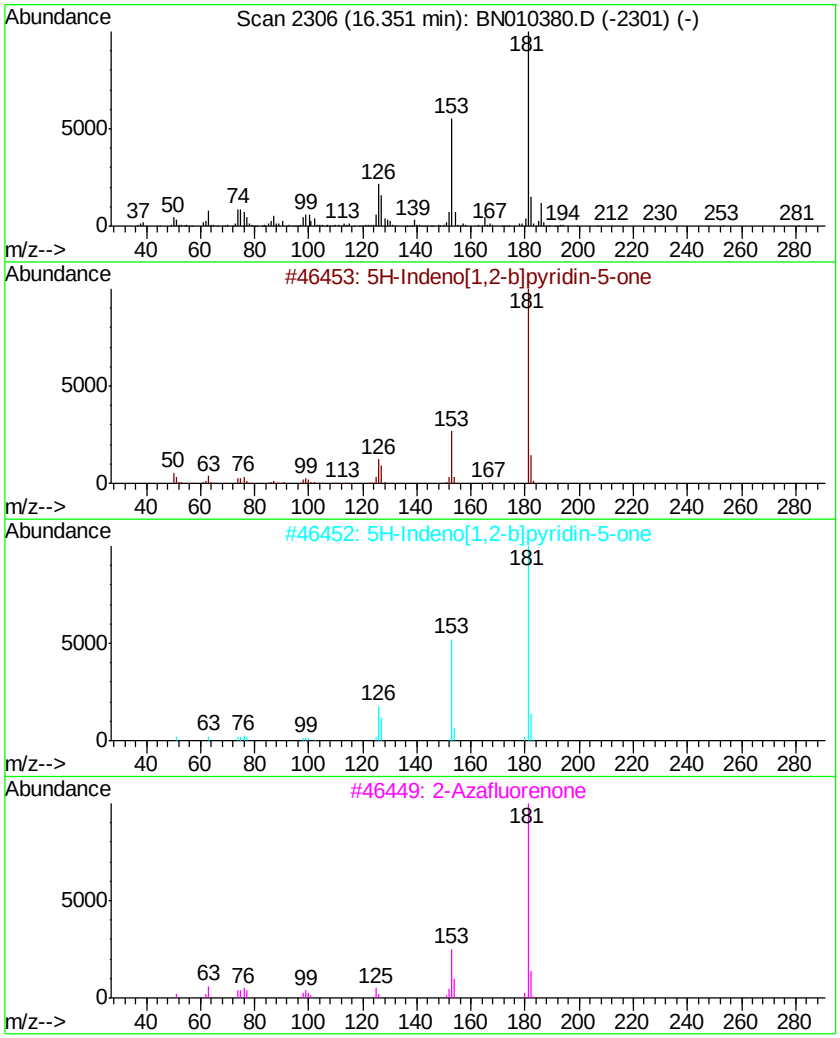
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

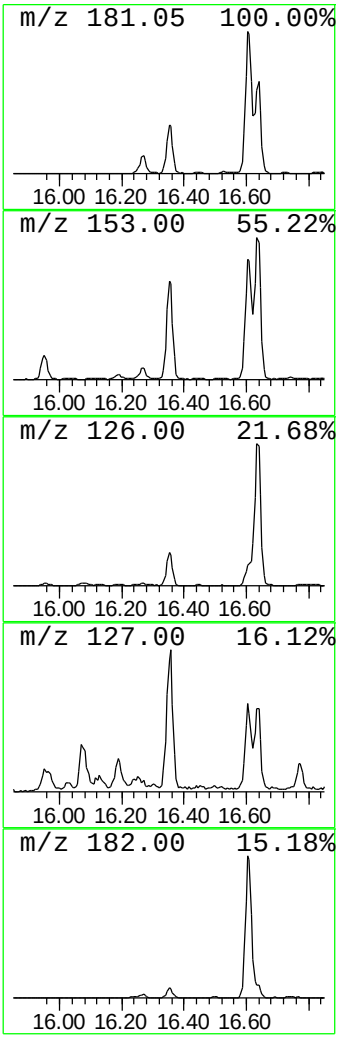
****

Peak Number 16 5H-Indeno[1,2-b]pyridin-5-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	2.68 ng/ul	1469980	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridin-5-one	181	C12H7NO	003882-46-0	96
2	5H-Indeno[1,2-b]pyridin-5-one	181	C12H7NO	003882-46-0	68
3	2-Azafluorenone	181	C12H7NO	005061-91-6	64
4	1,1'-Biphenyl, 4-(hydroxyacetyl)-	212	C14H12O2	037166-61-3	42
5	1H-Quinolin-4-one, 6,7-difluoro-	181	C9H5F2NO	1000317-11-4	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010380.D
Acq On : 02 Apr 2020 04:08
Operator : CG/JU
Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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

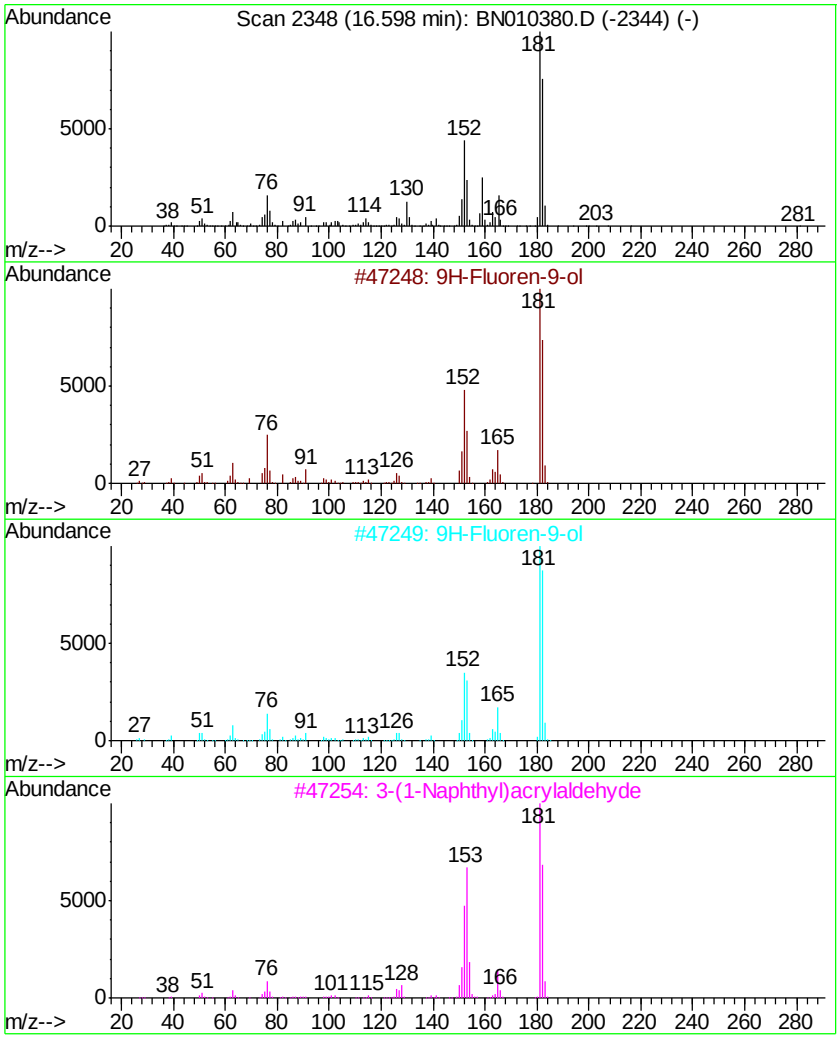
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

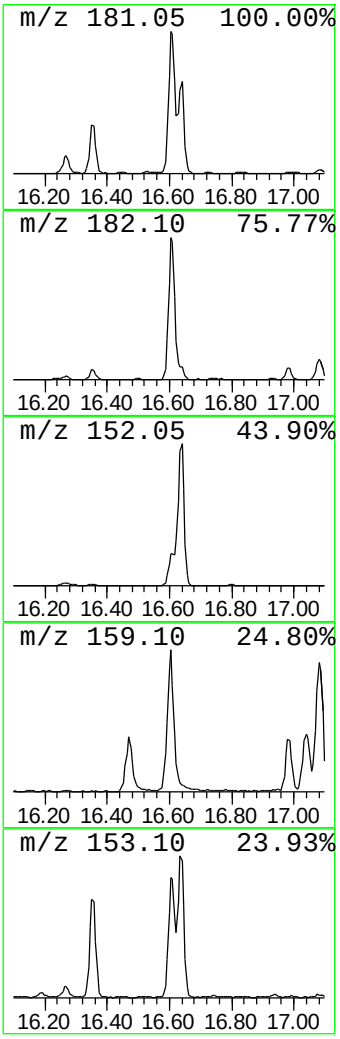
****

Peak Number 17 3-(1-Naphthyl)acrylaldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	9.33 ng/ul	5115460	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	98
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	97
3	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	90
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	89
5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010380.D
Acq On : 02 Apr 2020 04:08
Operator : CG/JU
Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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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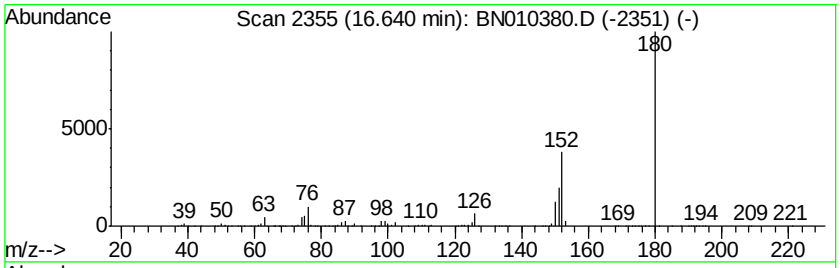
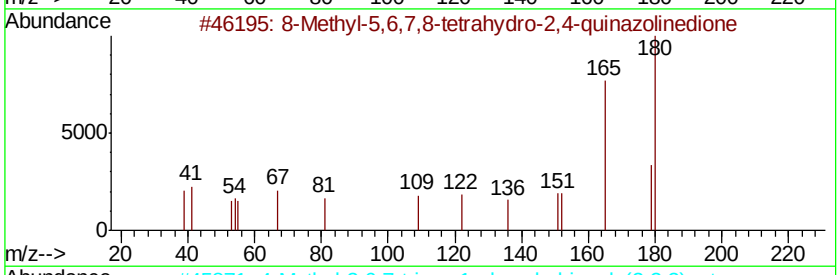
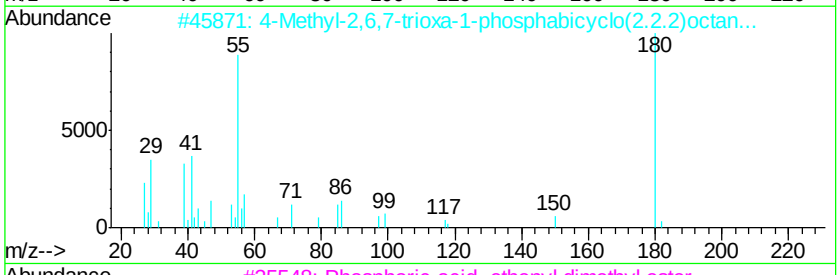
Peak Number 18 unknown-02 Concentration Rank 2

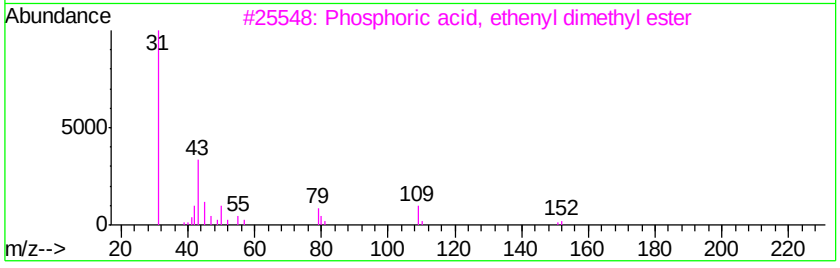
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	24.71 ng/ul	13547200	Phenanthrene-d10	16.98

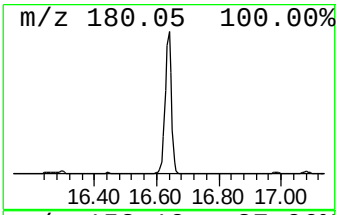
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Methyl-5,6,7,8-tetrahydro-2,4-...	180	C9H12N2O2	063498-86-2	4
2	4-Methyl-2,6,7-trioxa-1-phosphab...	180	C5H9O3PS	003196-56-3	4
3	Phosphoric acid, ethenyl dimethy...	152	C4H9O4P	010429-10-4	3
4	Carbonodithioic acid, O,S-diethy...	150	C5H10OS2	000623-79-0	1
5	Propanoic acid, 2,3-dibromo-	230	C3H4Br2O2	000600-05-5	1

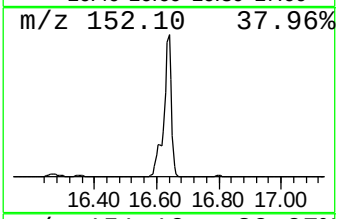


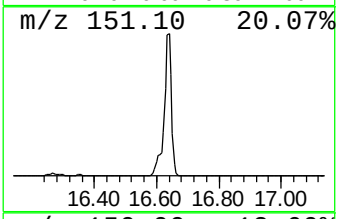


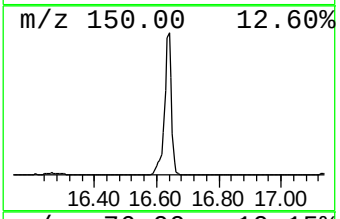


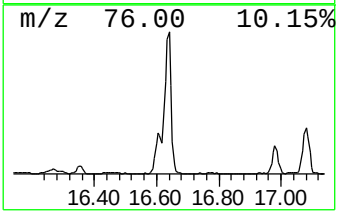












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Data File : BN010380.D
Acq On : 02 Apr 2020 04:08
Operator : CG/JU
Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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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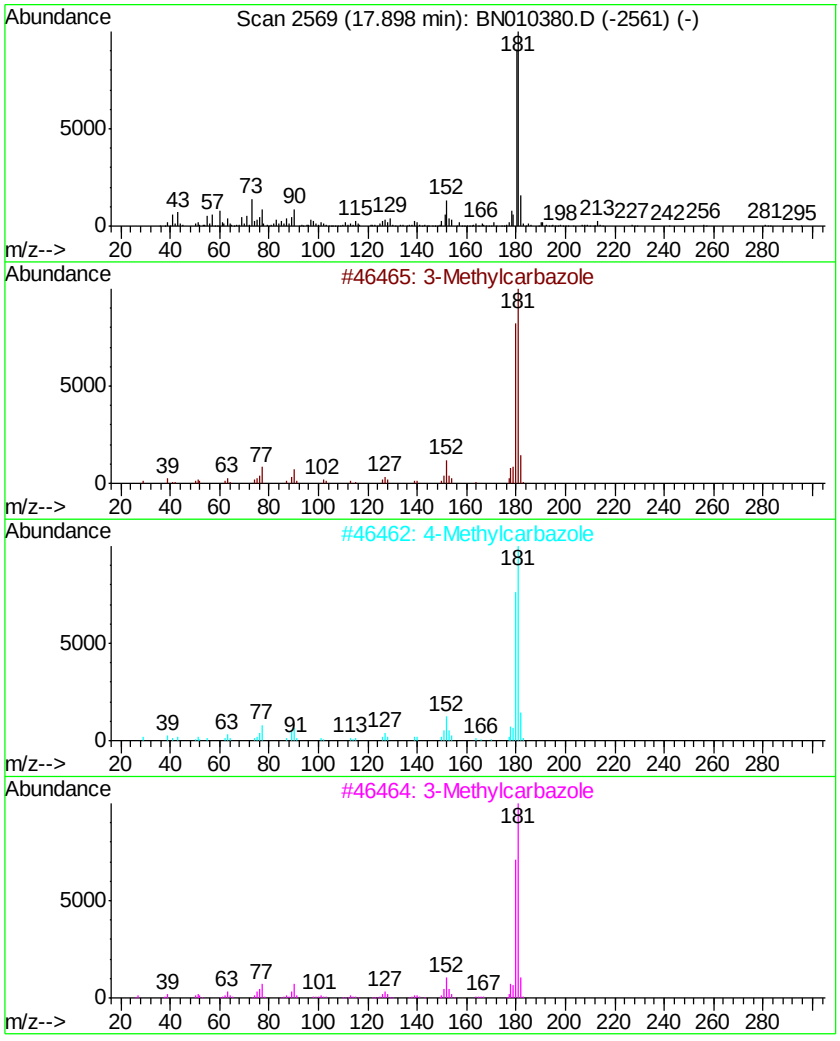
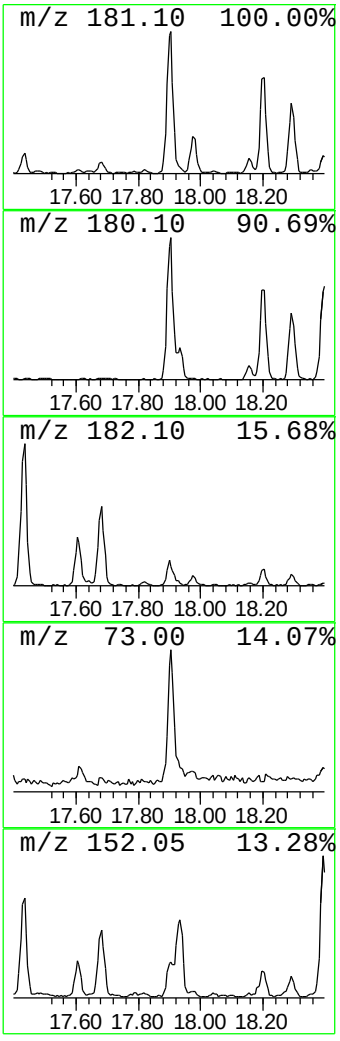
Peak Number 19 4-Methylcarbazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	2.37 ng/ul	1298330	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	97
2	4-Methylcarbazole	181	C13H11N	003770-48-7	96
3	3-Methylcarbazole	181	C13H11N	004630-20-0	96
4	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	95
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010380.D
Acq On : 02 Apr 2020 04:08
Operator : CG/JU
Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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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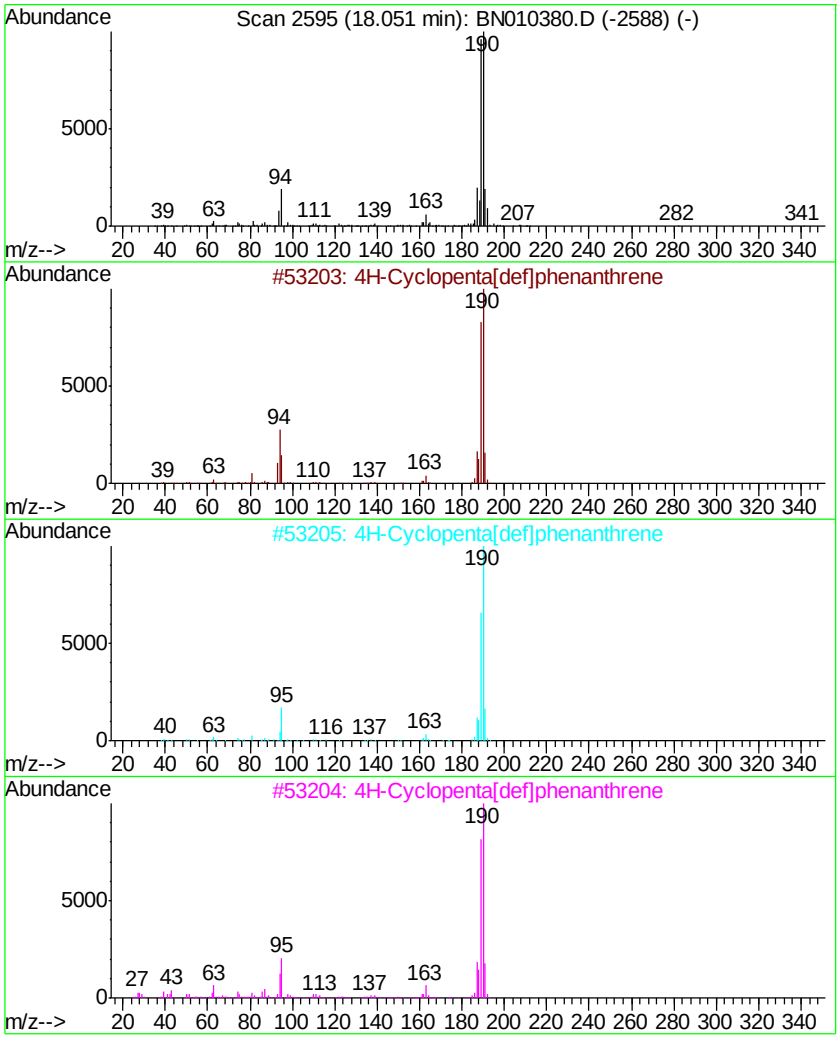
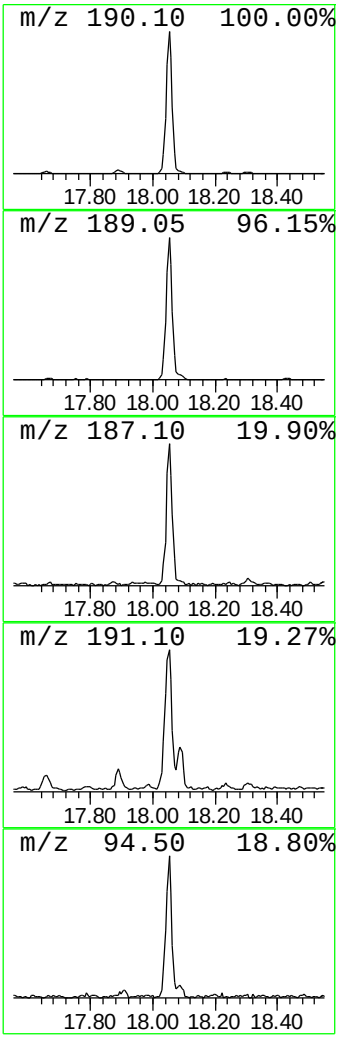
Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.21 ng/ul	1210040	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
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





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Data File : BN010380.D
Acq On : 02 Apr 2020 04:08
Operator : CG/JU
Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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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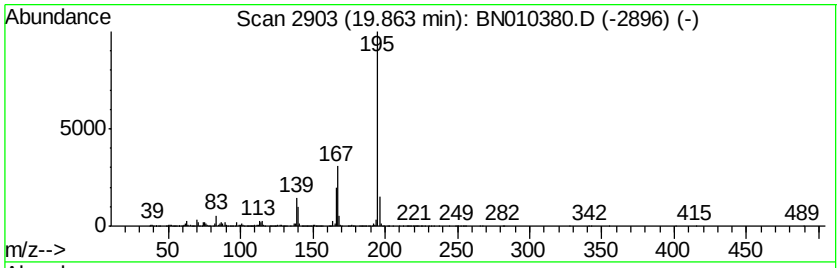
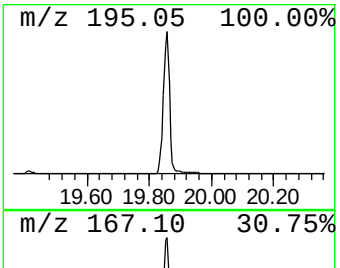
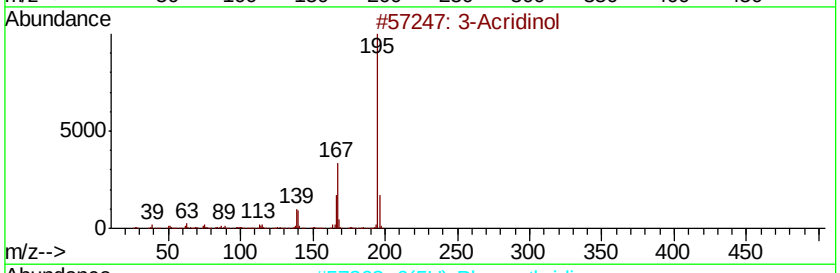
Peak Number 21 3-Acridinol Concentration Rank 10

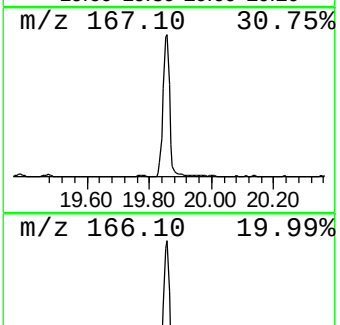
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	5.77 ng/ul	3939170	Chrysene-d12	21.18

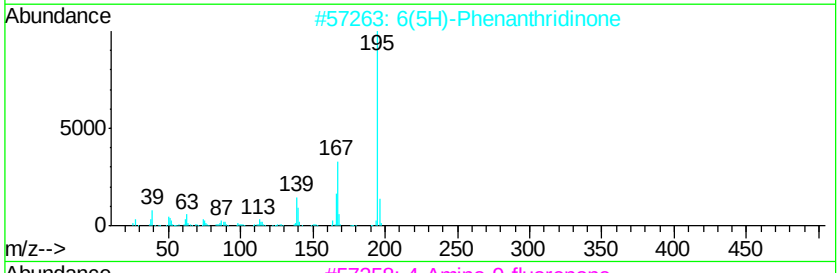
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acridinol	195	C13H9NO	007132-70-9	96
2	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
3	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	95
4	2-Amino-9-fluorenone	195	C13H9NO	003096-57-9	94
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94

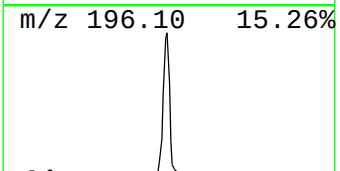


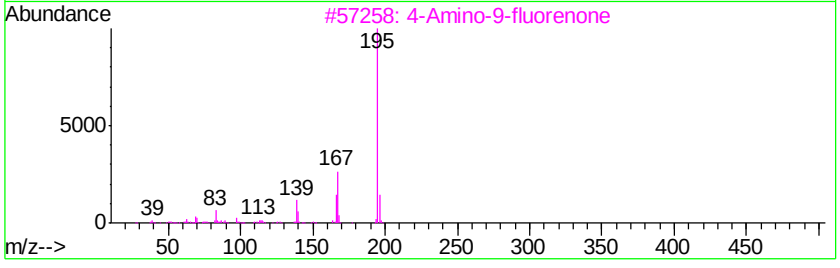


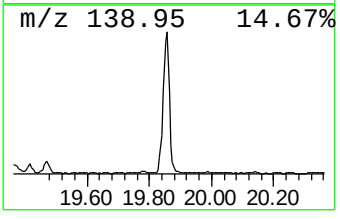












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040120\
Data File : BN010380.D
Acq On : 02 Apr 2020 04:08
Operator : CG/JU
Sample : L2065-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF08

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
(DEL) Alkane: Cyc...	2.89	2.9	ng/ul	573473	1	7.61	3998770	20.0
unknown-01	2.97	6.8	ng/ul	1356580	1	7.61	3998770	20.0
Indane	7.98	4.8	ng/ul	963090	1	7.61	3998770	20.0
Indene	8.14	3.2	ng/ul	635514	1	7.61	3998770	20.0
Naphthalene, 1-me...	12.26	43.0	ng/ul	13410300	2	10.37	6233960	20.0
5-Methylsalicylic...	12.98	5.8	ng/ul	3005080	3	14.24	10420900	20.0
Naphthalene, 2,6-...	13.39	7.5	ng/ul	3883240	3	14.24	10420900	20.0
Naphthalene, 1,6-...	13.56	8.4	ng/ul	4398960	3	14.24	10420900	20.0
Naphthalene, 1,5-...	13.79	2.6	ng/ul	1372990	3	14.24	10420900	20.0
1-Naphthalenecarb...	14.36	6.8	ng/ul	3538090	3	14.24	10420900	20.0
1-Naphthalenemeth...	15.16	3.6	ng/ul	1877560	3	14.24	10420900	20.0
Dibenzofuran, 4-m...	15.59	4.1	ng/ul	2131660	3	14.24	10420900	20.0
9H-Fluoren-9-ol	15.73	4.8	ng/ul	2621810	4	16.98	10965900	20.0
5-Aminoindan	15.96	7.2	ng/ul	3956070	4	16.98	10965900	20.0
Cyclopropanamine,...	16.15	2.7	ng/ul	1496540	4	16.98	10965900	20.0
5H-Indeno[1,2-b]p...	16.35	2.7	ng/ul	1469980	4	16.98	10965900	20.0
3-(1-Naphthyl)acr...	16.60	9.3	ng/ul	5115460	4	16.98	10965900	20.0
unknown-02	16.64	24.7	ng/ul	13547200	4	16.98	10965900	20.0
4-Methylcarbazole	17.90	2.4	ng/ul	1298330	4	16.98	10965900	20.0
4H-Cyclopenta[def...	18.05	2.2	ng/ul	1210040	4	16.98	10965900	20.0
3-Acridinol	19.86	5.8	ng/ul	3939170	5	21.18	13663500	20.0