LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010063.D
Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

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-BN021220MA.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	6.581	603	611	623	rBV	145888	288469	2.76%	0.450%
2	6.728	629	636	653	rBV	109756	191742	1.83%	0.299%
3	6.910	661	667	677	rBV	158917	264324	2.52%	0.413%
4	7.363	737	744	756	rBV	263573	430467	4.11%	0.672%
5	8.087	861	867	881	rBV	169902	320673	3.06%	0.501%
6	8.516	934	940	954	rBV	159649	285884	2.73%	0.446%
7	9.228	1055	1061	1074	rVB	133580	236703	2.26%	0.369%
8	9.763	1146	1152	1162	rBV2	164953	329737	3.15%	0.515%
9	10.110	1204	1211	1220	rBV	387197	617619	5.90%	0.964%
10	10.275	1234	1239	1256	rBV	169069	343691	3.28%	0.536%
11	11.781	1489	1495	1506	rBV	303611	540906	5.17%	0.844%
12	12.010	1525	1534	1545	rVB	277704	487929	4.66%	0.762%
13	13.028	1702	1707	1720	rVB	83858	149614	1.43%	0.234%
14	13.163	1724	1730	1741	rBV	182338	450203	4.30%	0.703%
15	13.328	1750	1758	1762	rBV	262881	482301	4.61%	0.753%
16	13.381	1762	1767	1772	rVV	186697	284630	2.72%	0.444%
17	13.434	1772	1776	1783	rVB	331642	442616	4.23%	0.691%
18	13.563	1793	1798	1802	rBV	108149	181750	1.74%	0.284%
19	13.692	1814	1820	1824	rBV	350699	524239	5.01%	0.818%
20	14.004	1867	1873	1879	rBV	553399	782837	7.48%	1.222%
21	14.075	1879	1885	1894	rVV	2907909	4088522	39.05%	6.382%
22	14.163	1894	1900	1906	rVV	108241	167414	1.60%	0.261%
23	14.222	1906	1910	1915	rVV	51246	99529	0.95%	0.155%
24	14.281	1916	1920	1924	rVV2	80497	164333	1.57%	0.257%
25	14.322	1924	1927	1935	rVV	138934	208666	1.99%	0.326%
26	14.416	1935	1943	1950	rVV	1749184	2568901	24.54%	4.010%
27	14.498	1953	1957	1964	rVB	80122	120473	1.15%	0.188%
28	14.639	1974	1981	1987	rBV3	55247	93023	0.89%	0.145%
29	14.698	1987	1991	1997	rVB2	65851	85587	0.82%	0.134%
30	14.816	2003	2011	2014	rBV	51194	90790	0.87%	0.142%
31	15.010	2039	2044	2049	rVV	555650	762305	7.28%	1.190%
32	15.069	2049	2054	2059	rVV	1946205	2635469	25.17%	4.114%
33	15.192	2071	2075	2079	rVV2	240466	428554	4.09%	0.669%
34	15.233	2079	2082	2086	rVV2	208123	289826	2.77%	0.452%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010063.D
Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

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-BN021220MA.M
Title : SVOA CALIBRATION

35	15.286	2086	2091	2093	rVV2	62868	107297	1.02%	0.167%
36	15.316	2093	2096	2100	rVV	132766	189151	1.81%	0.295%
37	15.369	2100	2105	2114	rVB	447042	627751	6.00%	0.980%
38	15.516	2121	2130	2138	rBV	377955	823283	7.86%	1.285%
39	15.604	2138	2145	2151	rVB2	87542	154461	1.48%	0.241%
40	16.063	2213	2223	2224	rBV2	130321	251399	2.40%	0.392%
41	16.080	2224	2226	2231	rVV2	168776	212368	2.03%	0.331%
42	16.128	2231	2234	2238	rVB	79175	94763	0.91%	0.148%
43	16.227	2245	2251	2256	rVB4	64404	124565	1.19%	0.194%
44	16.316	2262	2266	2269	rVV	97176	137680	1.32%	0.215%
45	16.351	2269	2272	2275	rVV3	111370	139585	1.33%	0.218%
46	16.433	2282	2286	2293	rVB	181884	276083	2.64%	0.431%
47	16.510	2293	2299	2305	rBV2	149369	309776	2.96%	0.484%
48	16.586	2305	2312	2317	rBV	523776	725867	6.93%	1.133%
49	16.769	2334	2343	2346	rBV	729503	1090545	10.42%	1.702%
50	16.816	2346	2351	2356	rVV	7923535	10469148	100.00%	16.342%
51	16.869	2356	2360	2363	rVV2	762606	1175659	11.23%	1.835%
52	16.898	2363	2365	2372	rVV	833439	1098377	10.49%	1.715%
53	16.969	2372	2377	2384	rVV6	52064	129617	1.24%	0.202%
54	17.180	2404	2413	2417	rVV2	235149	477522	4.56%	0.745%
55	17.216	2417	2419	2428	rVV6	52864	134068	1.28%	0.209%
56	17.292	2428	2432	2438	rVV2	163670	265324	2.53%	0.414%
57	17.351	2438	2442	2452	rVV4	77571	208731	1.99%	0.326%
58	17.492	2457	2466	2471	rVV3	56936	114030	1.09%	0.178%
59	17.645	2486	2492	2496	rVV	464475	640656	6.12%	1.000%
60	17.692	2496	2500	2506	rVV	599090	830514	7.93%	1.296%
61	17.774	2506	2514	2519	rVV	127943	184274	1.76%	0.288%
62	17.833	2519	2524	2529	rVV2	691390	1144911	10.94%	1.787%
63	17.874	2529	2531	2538	rVV	208506	242056	2.31%	0.378%
64	18.151	2573	2578	2583	rVV	288658	400158	3.82%	0.625%
65	18.204	2583	2587	2592	rVV	217406	305598	2.92%	0.477%
66	18.404	2613	2621	2626	rBV2	83564	143952	1.38%	0.225%
67	18.457	2626	2630	2633	rVV	59398	74347	0.71%	0.116%
68	18.498	2633	2637	2641	rVV	57076	72825	0.70%	0.114%
69	18.580	2645	2651	2654	rBV	92442	150504	1.44%	0.235%
70	18.627	2654	2659	2664	rVV4	100549	231846	2.21%	0.362%
71	18.721	2670	2675	2682	rVV2	229417	345561	3.30%	0.539%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010063.D
Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

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-BN021220MA.M
Title : SVOA CALIBRATION

72	18.845	2688	2696	2701	rBV	4754703	6101546	58.28%	9.524%
73	18.945	2710	2713	2720	rVB	65790	93930	0.90%	0.147%
74	19.080	2725	2736	2743	rBV2	131736	294886	2.82%	0.460%
75	19.180	2747	2753	2755	rVV2	1257772	1877584	17.93%	2.931%
76	19.210	2755	2758	2766	rVV	2671689	3429726	32.76%	5.354%
77	19.286	2766	2771	2777	rVB	127949	181043	1.73%	0.283%
78	19.398	2784	2790	2795	rBV	186147	256459	2.45%	0.400%
79	19.457	2797	2800	2806	rVB	52656	76284	0.73%	0.119%
80	19.545	2806	2815	2821	rBV3	127660	354536	3.39%	0.553%
81	19.680	2833	2838	2840	rBV3	95920	160983	1.54%	0.251%
82	19.716	2840	2844	2849	rVB	220160	320965	3.07%	0.501%
83	19.816	2857	2861	2865	rBV	122087	153450	1.47%	0.240%
84	19.874	2865	2871	2874	rBV2	166892	264133	2.52%	0.412%
85	20.016	2891	2895	2899	rBV	63891	84070	0.80%	0.131%
86	20.063	2899	2903	2907	rBV3	74571	103002	0.98%	0.161%
87	20.480	2970	2974	2979	rBV	193989	242495	2.32%	0.379%
88	20.633	2995	3000	3004	rBV	168294	239696	2.29%	0.374%
89	20.674	3004	3007	3010	rVV2	156767	207314	1.98%	0.324%
90	20.710	3010	3013	3014	rVV	93944	100203	0.96%	0.156%
91	20.733	3015	3017	3021	rVV3	107156	150519	1.44%	0.235%
92	20.780	3021	3025	3035	rVB2	275436	417630	3.99%	0.652%
93	20.874	3035	3041	3048	rBV2	34373	92867	0.89%	0.145%
94	20.986	3053	3060	3064	rBV2	1128345	2114303	20.20%	3.300%
95	21.027	3064	3067	3071	rVB	459382	544942	5.21%	0.851%
96	22.486	3309	3315	3319	rBV2	179764	359616	3.44%	0.561%
97	22.957	3389	3395	3399	rBV2	501255	832757	7.95%	1.300%
98	22.998	3399	3402	3409	rVB2	153038	236419	2.26%	0.369%
99	23.086	3411	3417	3423	rBV	650443	1102950	10.54%	1.722%
100	23.574	3497	3500	3507	rVB4	78968	125460	1.20%	0.196%

Sum of corrected areas: 64063746

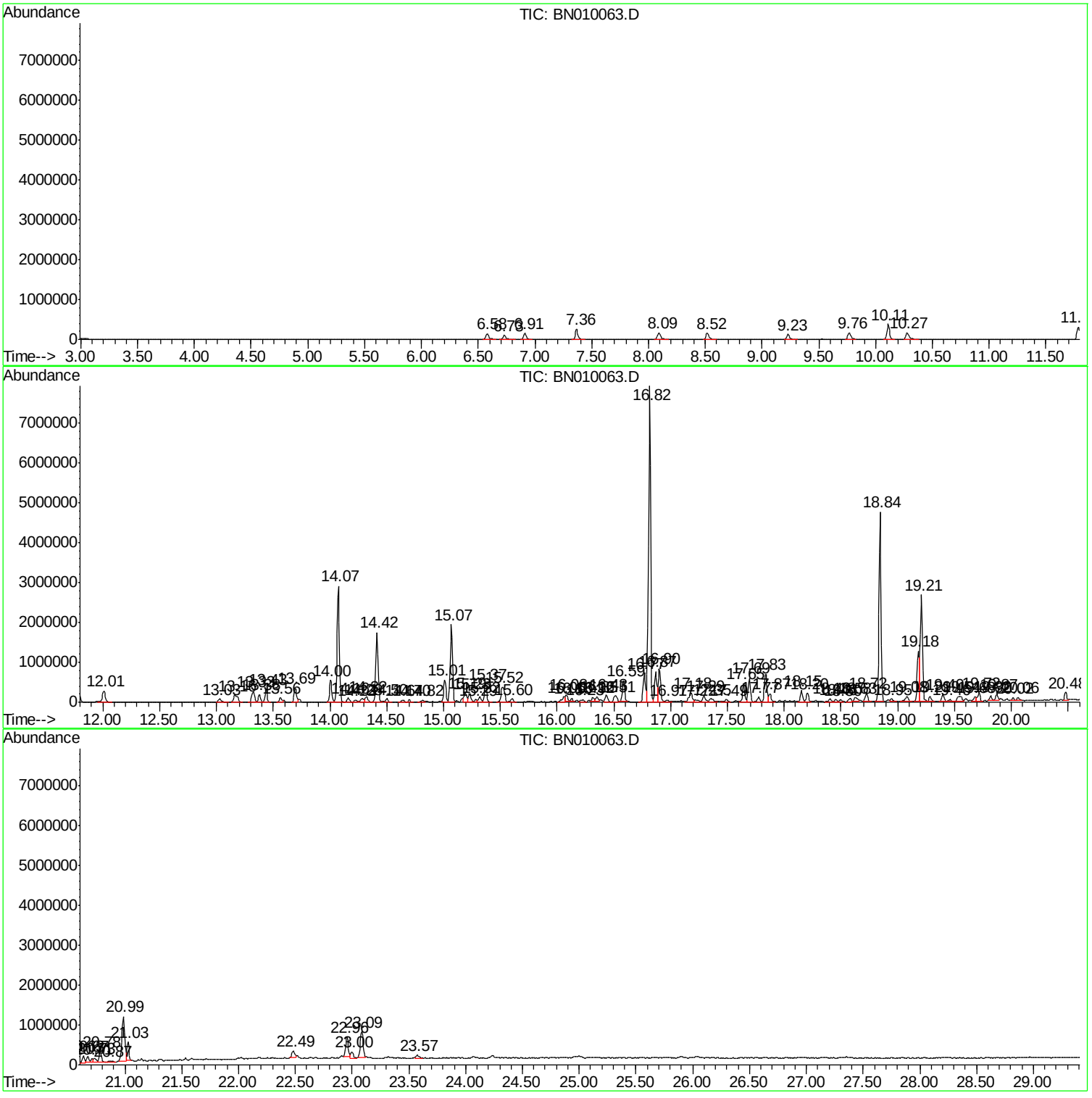
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010063.D
Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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\BN030320\
Data File : BN010063.D
Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

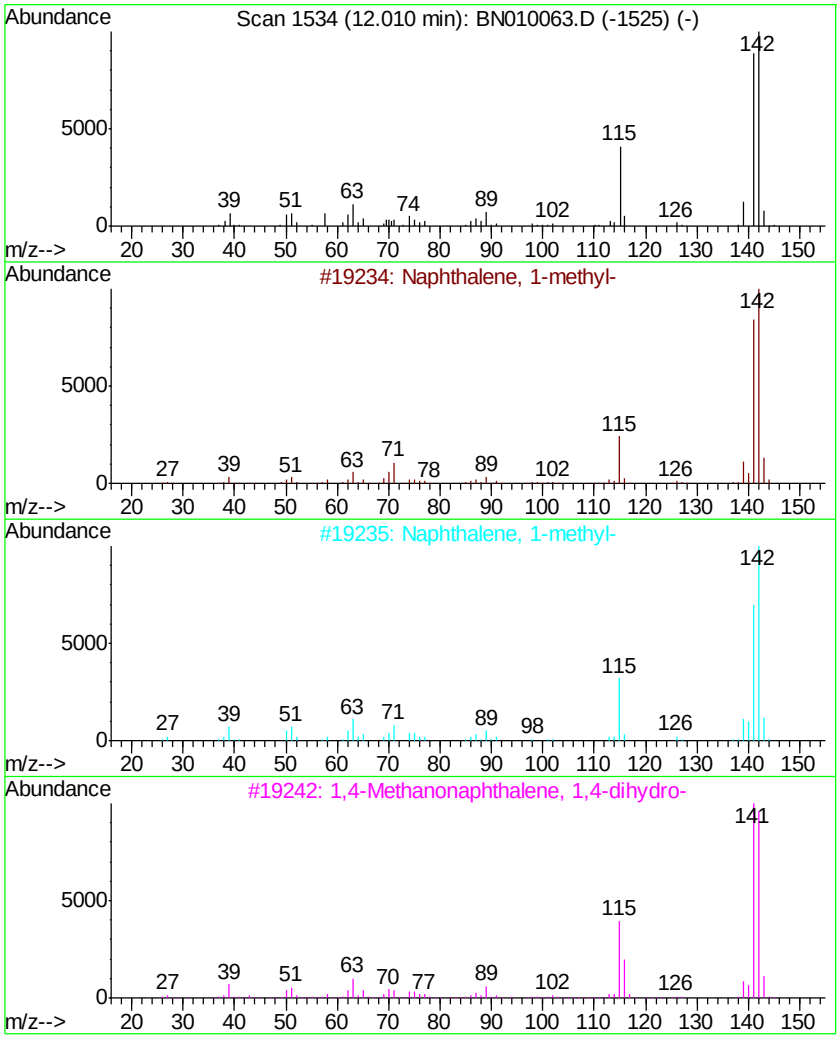
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

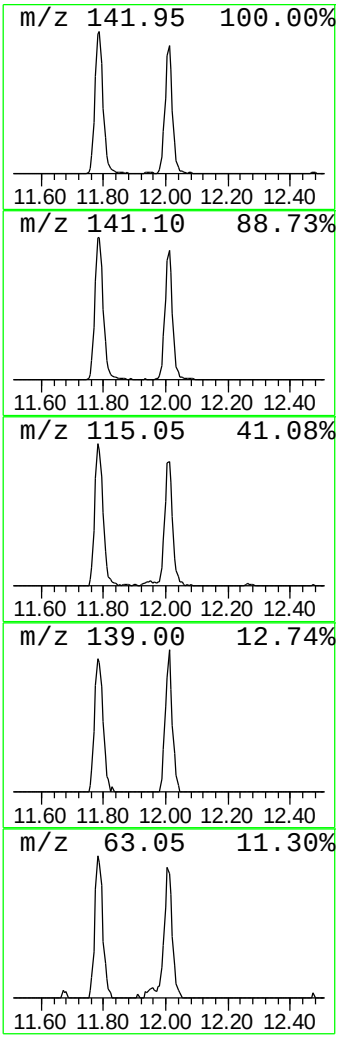
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	15.80 ng/ul	487929	Naphthalene-d8	10.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010063.D
Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

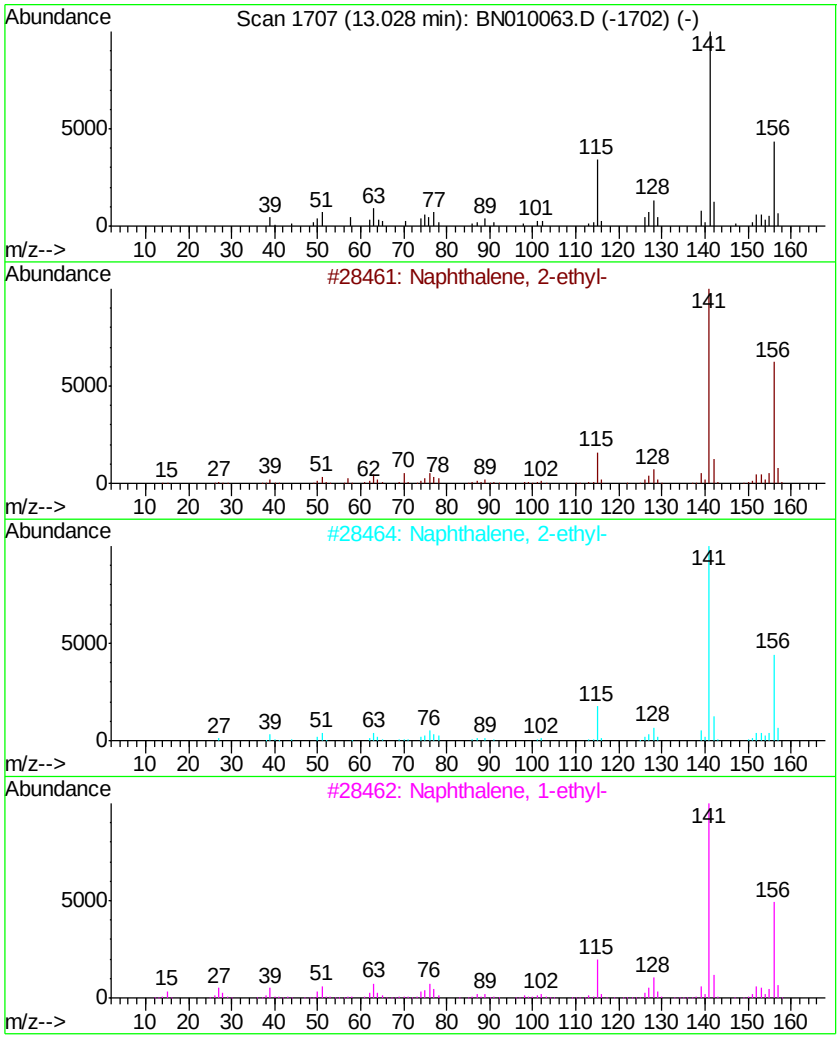
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

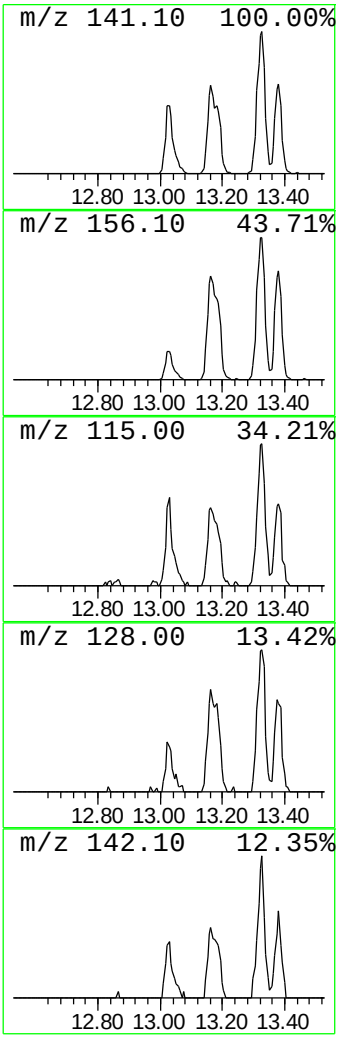
****

Peak Number 2 Naphthalene, 2-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	3.82 ng/ul	149614	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010063.D
Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

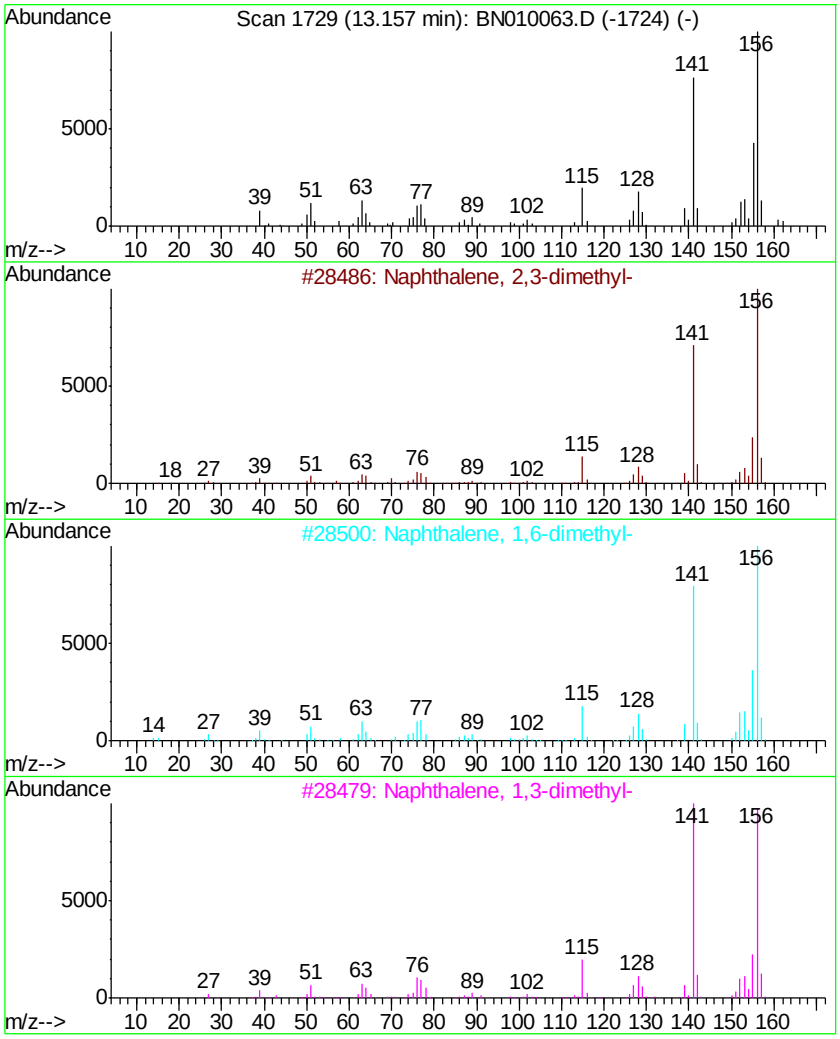
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

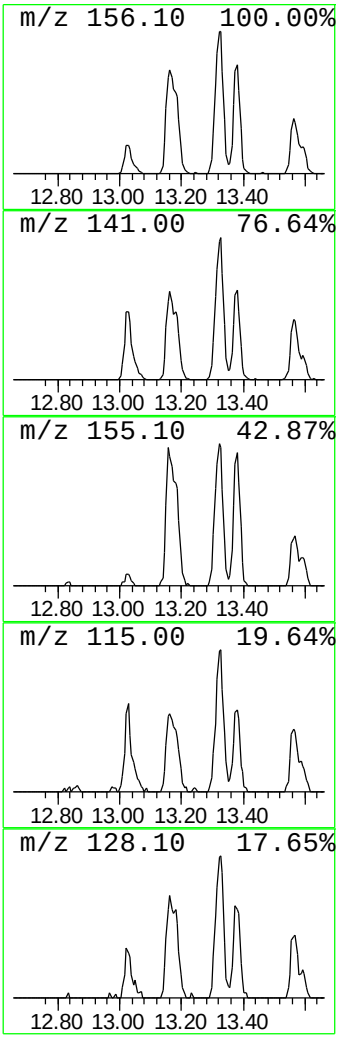
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	11.50 ng/ul	450203	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010063.D
Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

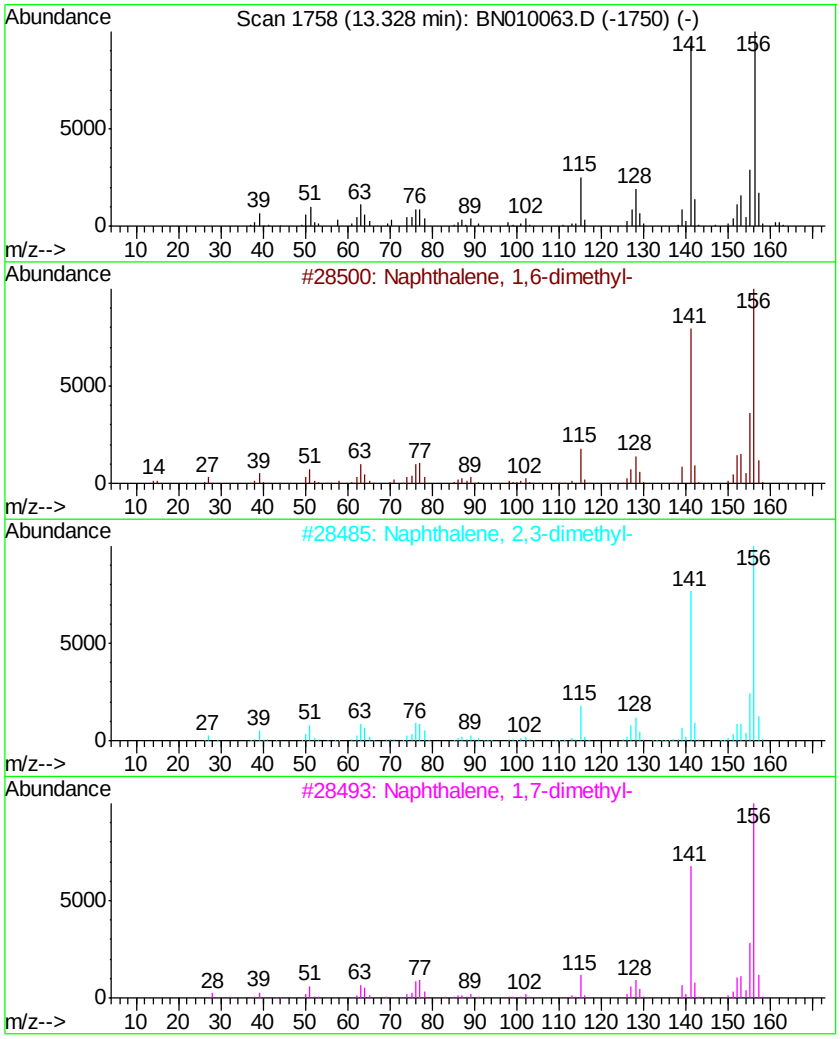
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

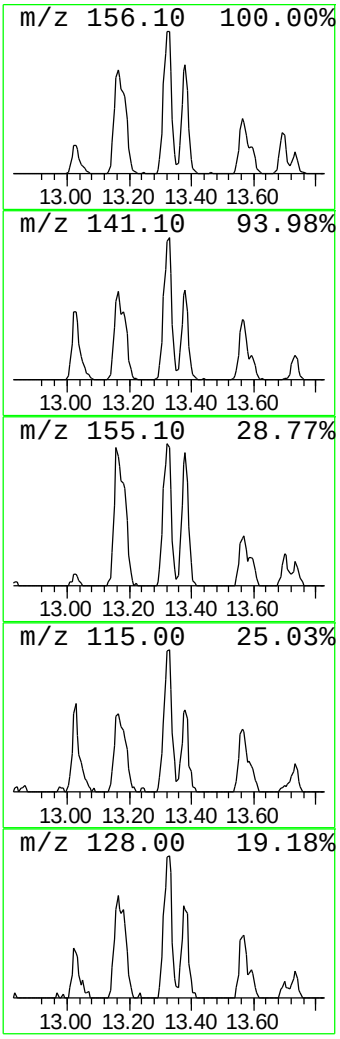
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	12.32 ng/ul	482301	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010063.D
Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

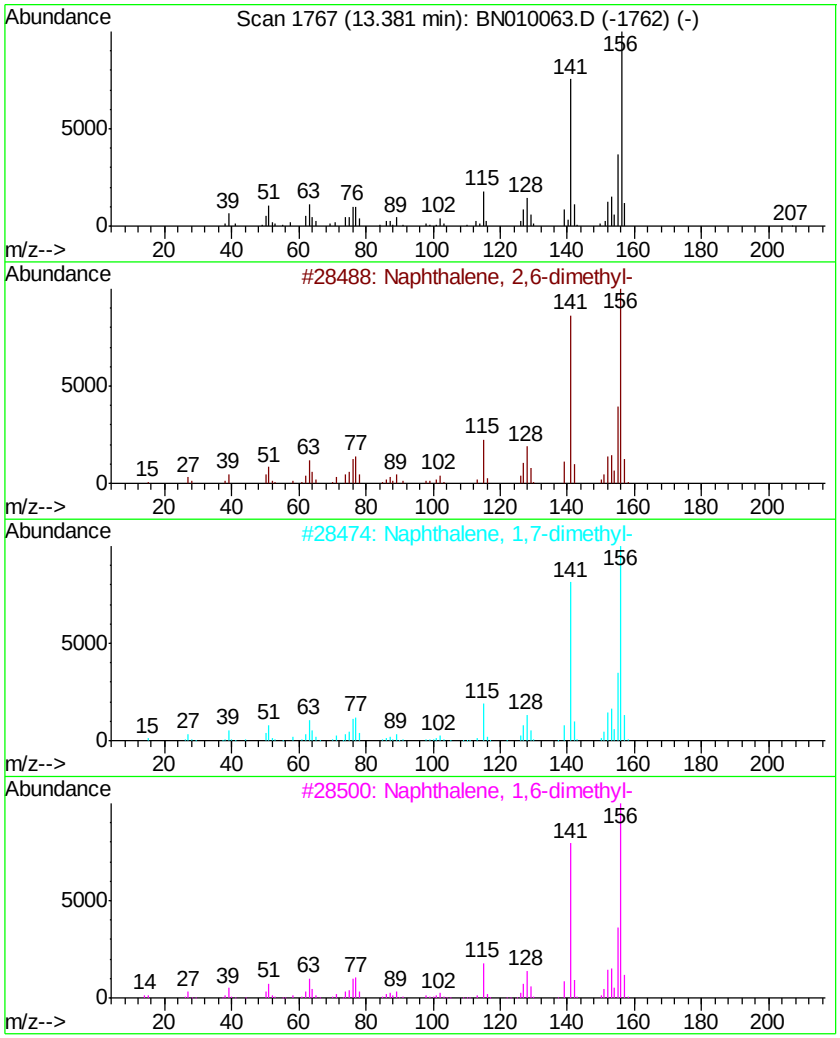
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

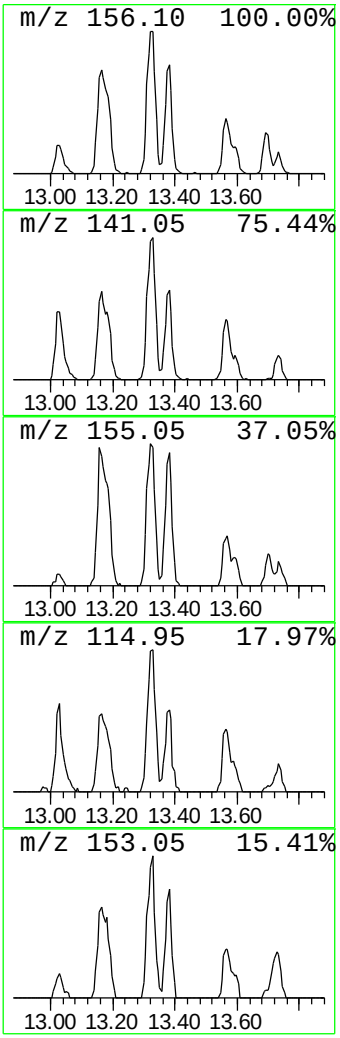
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	7.27 ng/ul	284630	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





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Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

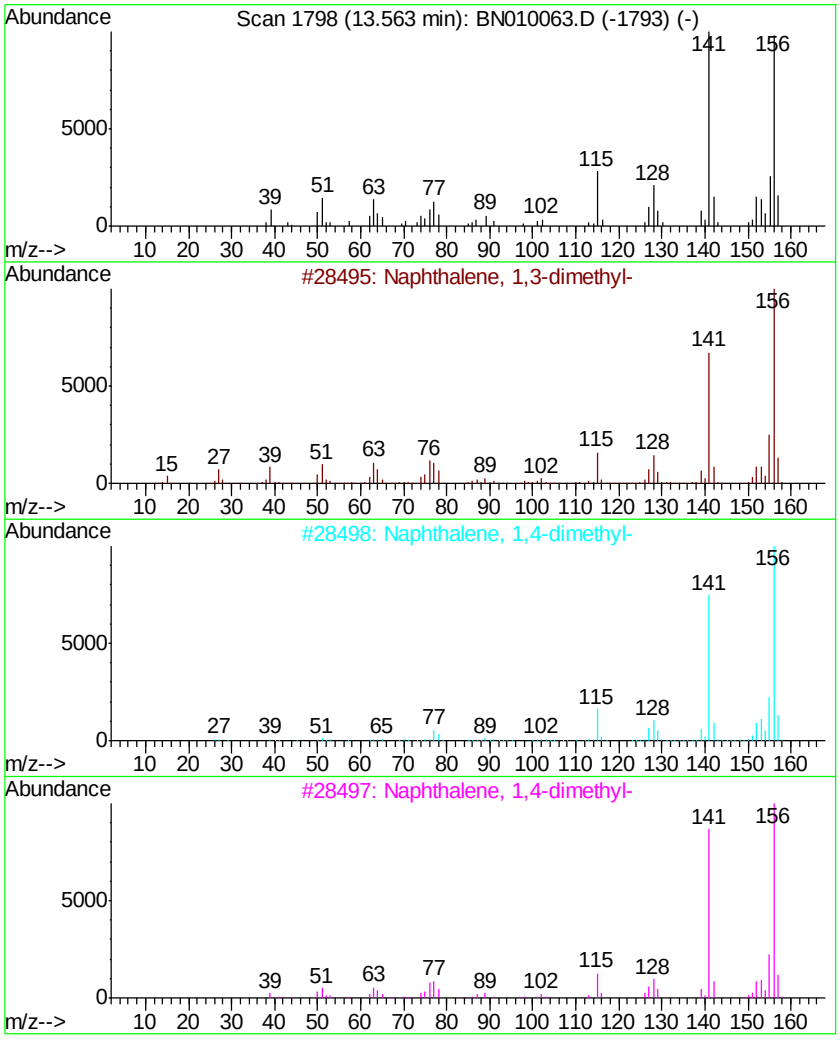
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

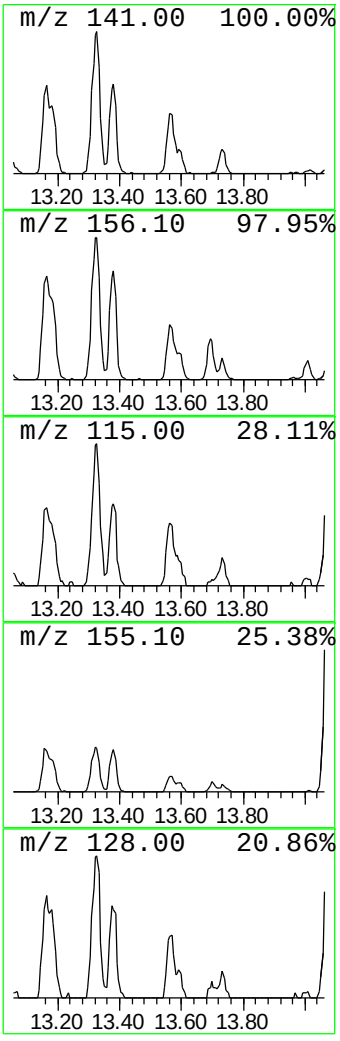
****

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	4.64 ng/ul	181750	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

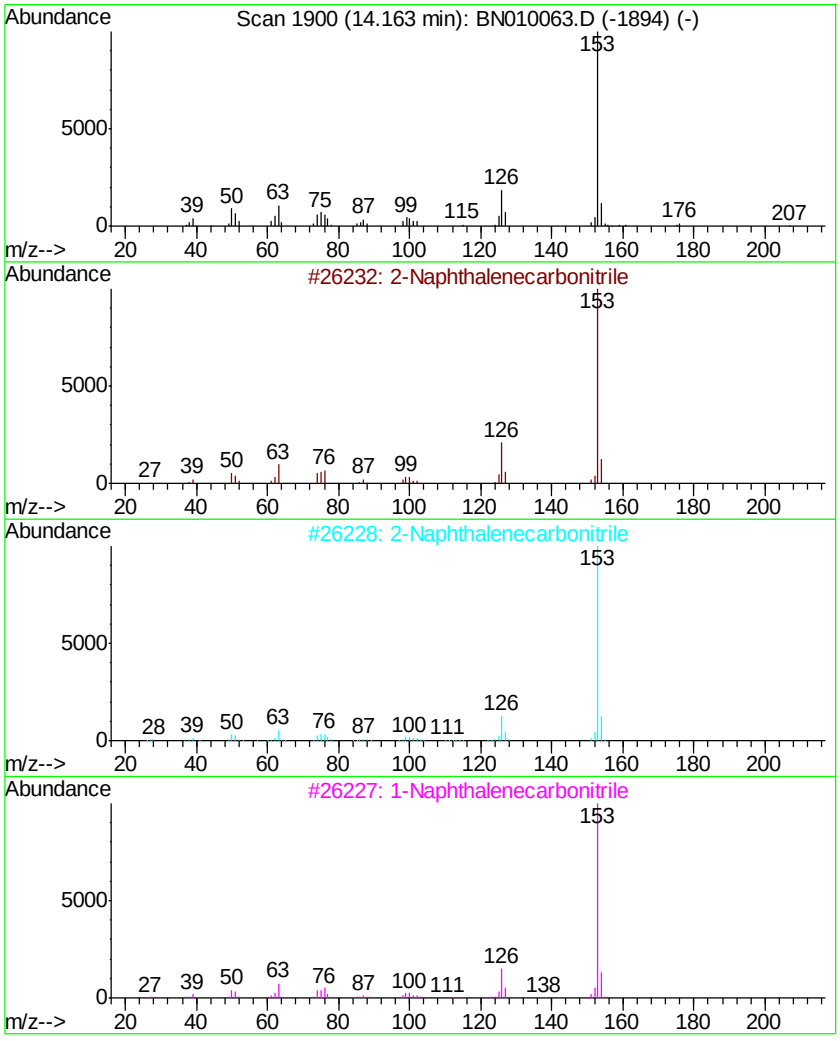
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

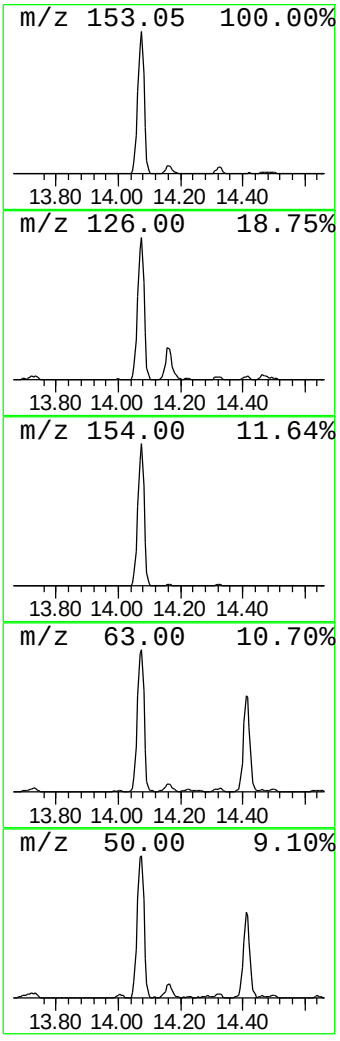
****

Peak Number 7 2-Naphthalenecarbonitrile Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	4.28 ng/ul	167414	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	93
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
5	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	90





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Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

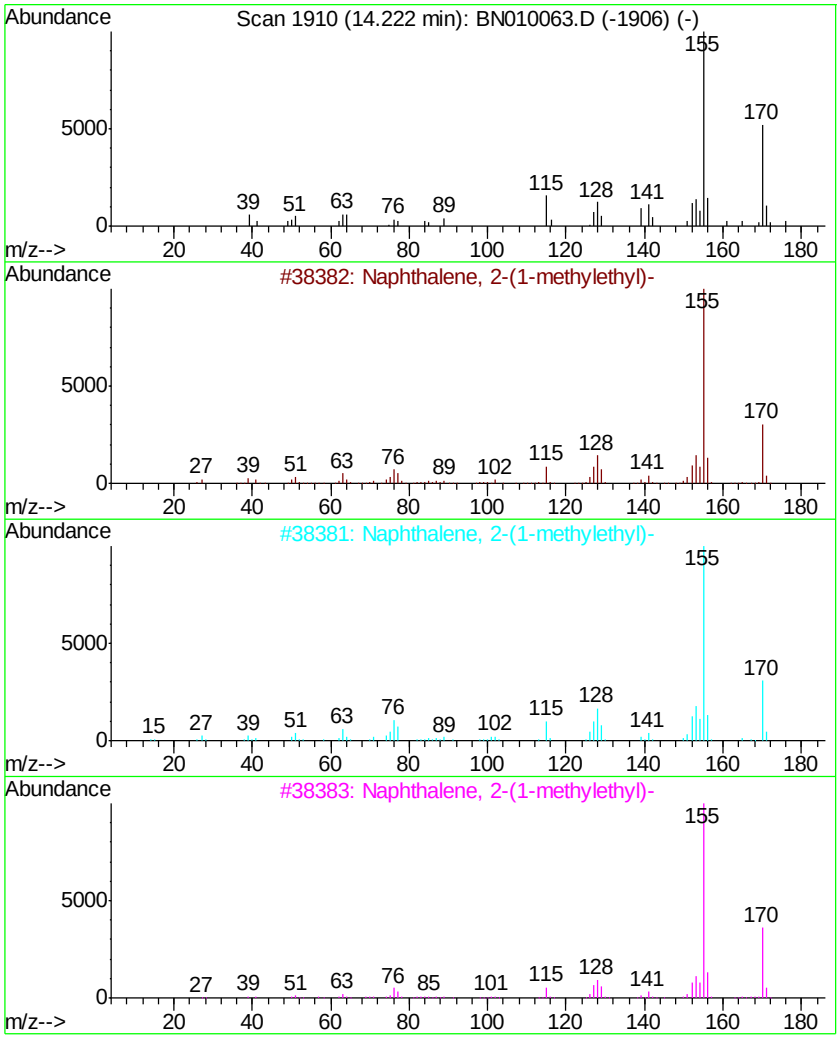
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

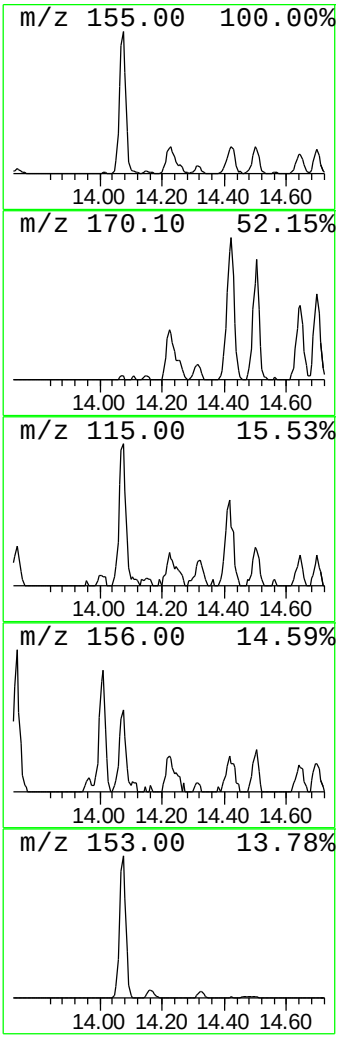
****

Peak Number 8 Naphthalene, 2-(1-methyleth... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	2.54 ng/ul	99529	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	93
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	93
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87





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Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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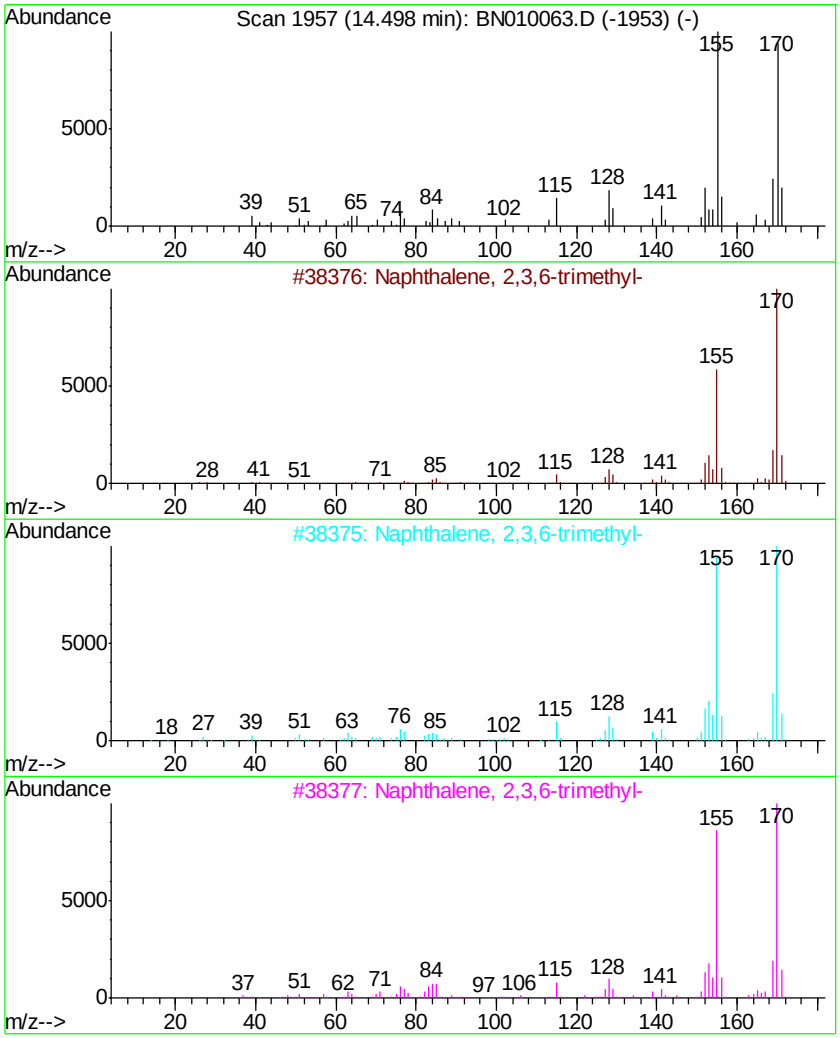
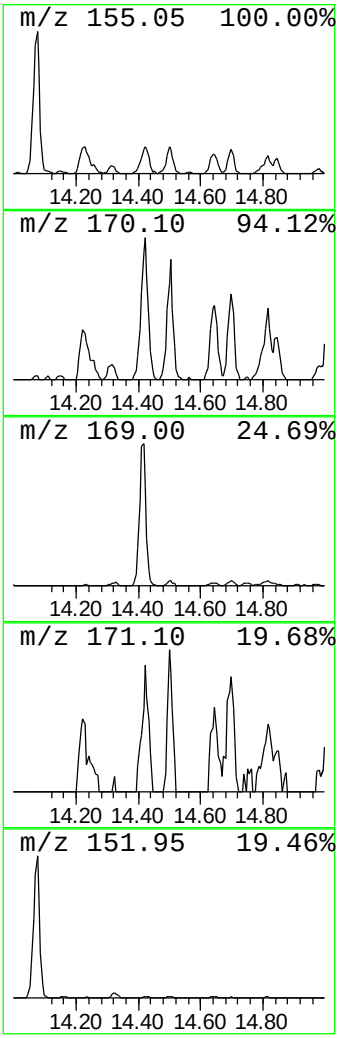
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	3.08 ng/ul	120473	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	87





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Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

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Quant Title : SVOA CALIBRATION

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

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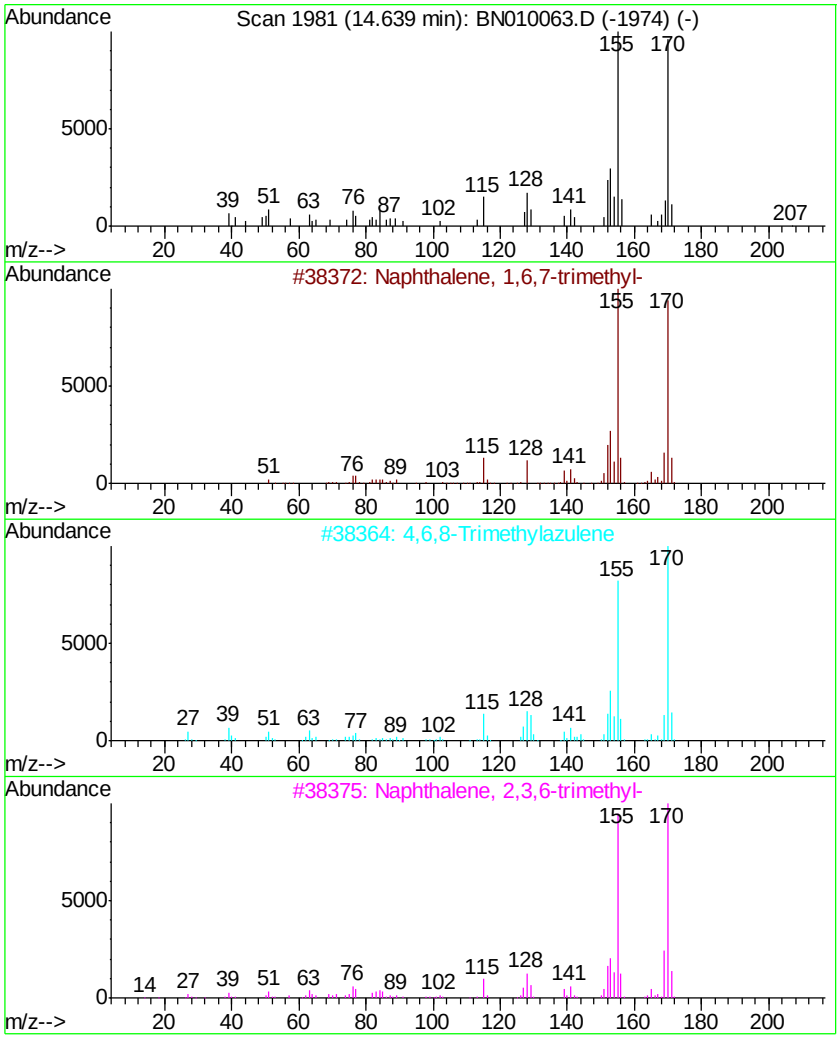
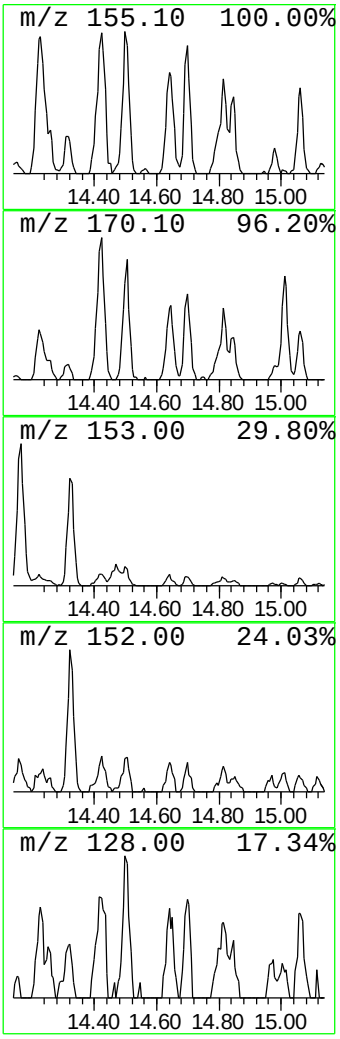
Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.38 ng/ul	93023	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93





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Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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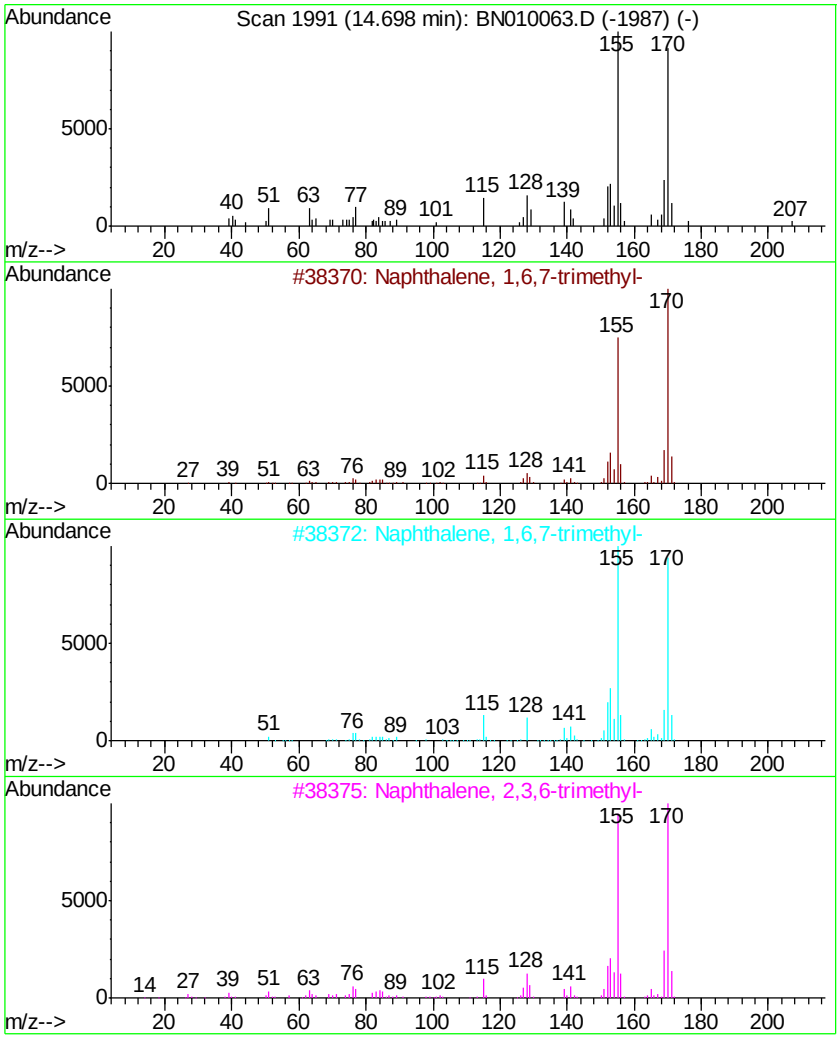
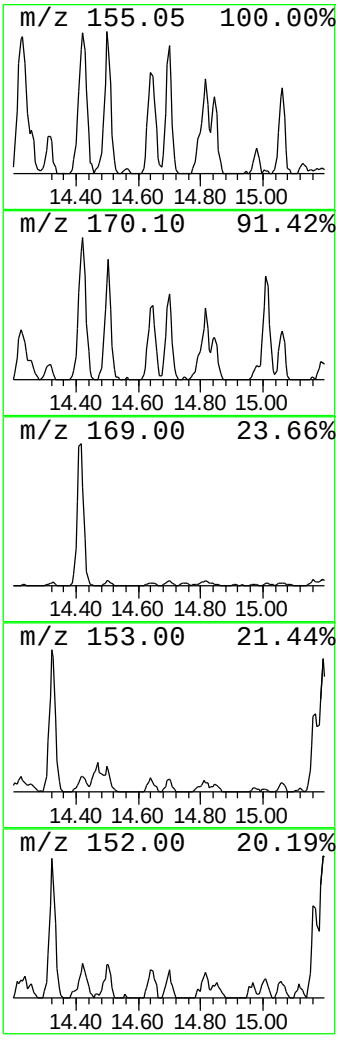
Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	2.19 ng/ul	85587	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94





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Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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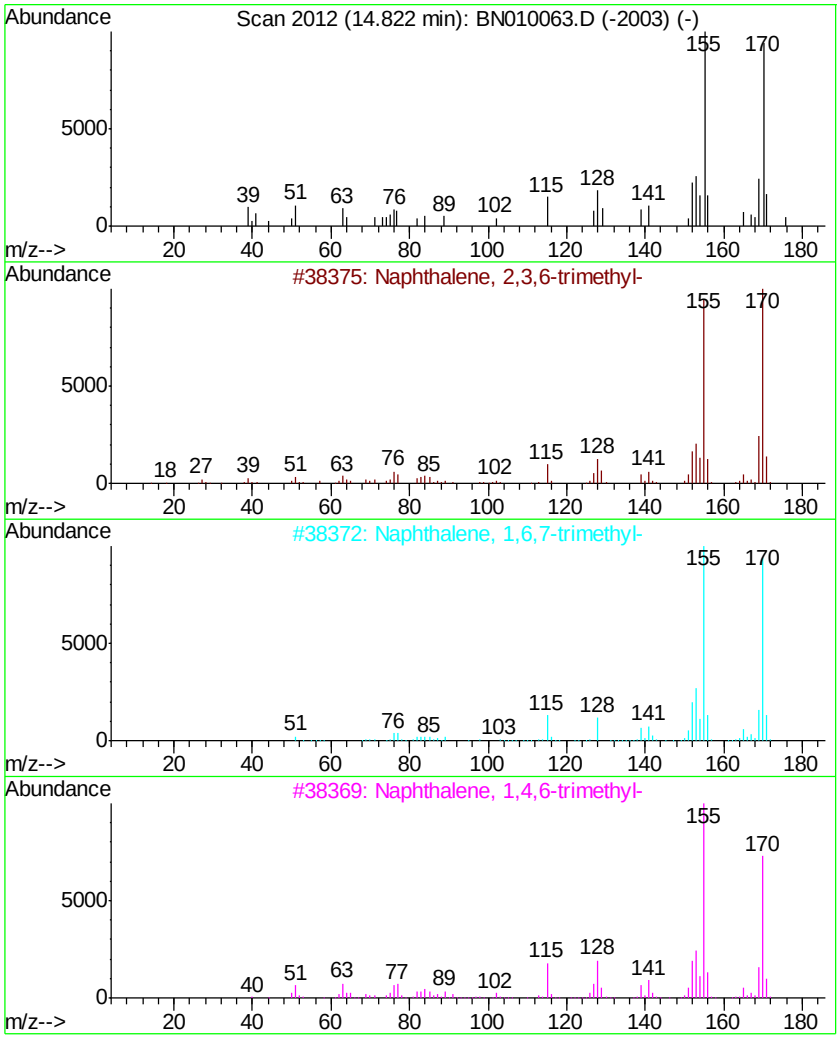
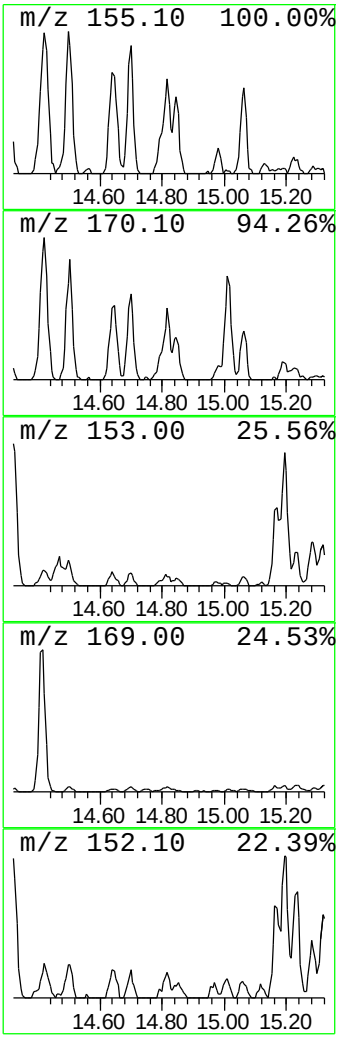
Peak Number 12 Naphthalene, 1,4,5-trimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.32 ng/ul	90790	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95





Library Search Compound Report

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Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

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Quant Title : SVOA CALIBRATION

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

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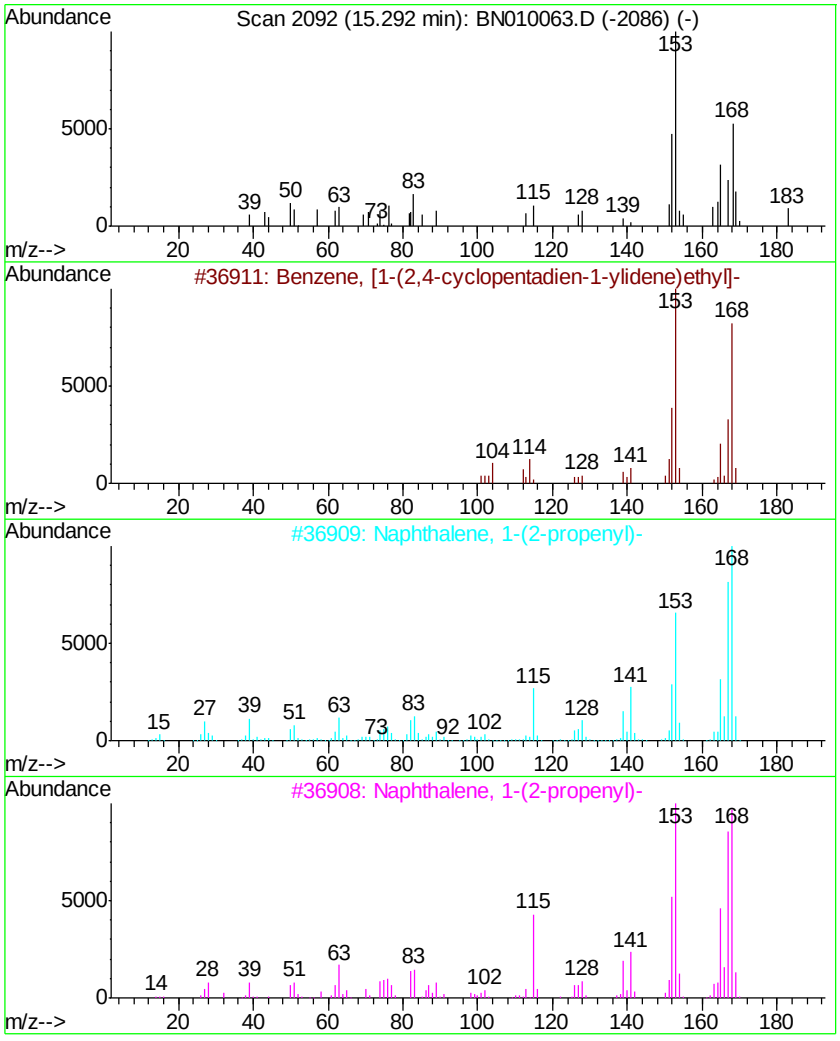
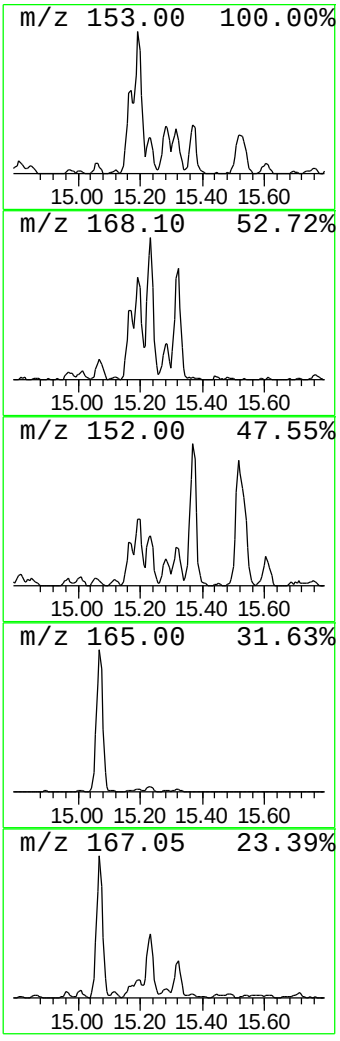
Peak Number 13 Benzene, [1-(2,4-cyclopenta... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	2.74 ng/ul	107297	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	81
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
4	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	64
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	52





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Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

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Quant Title : SVOA CALIBRATION

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

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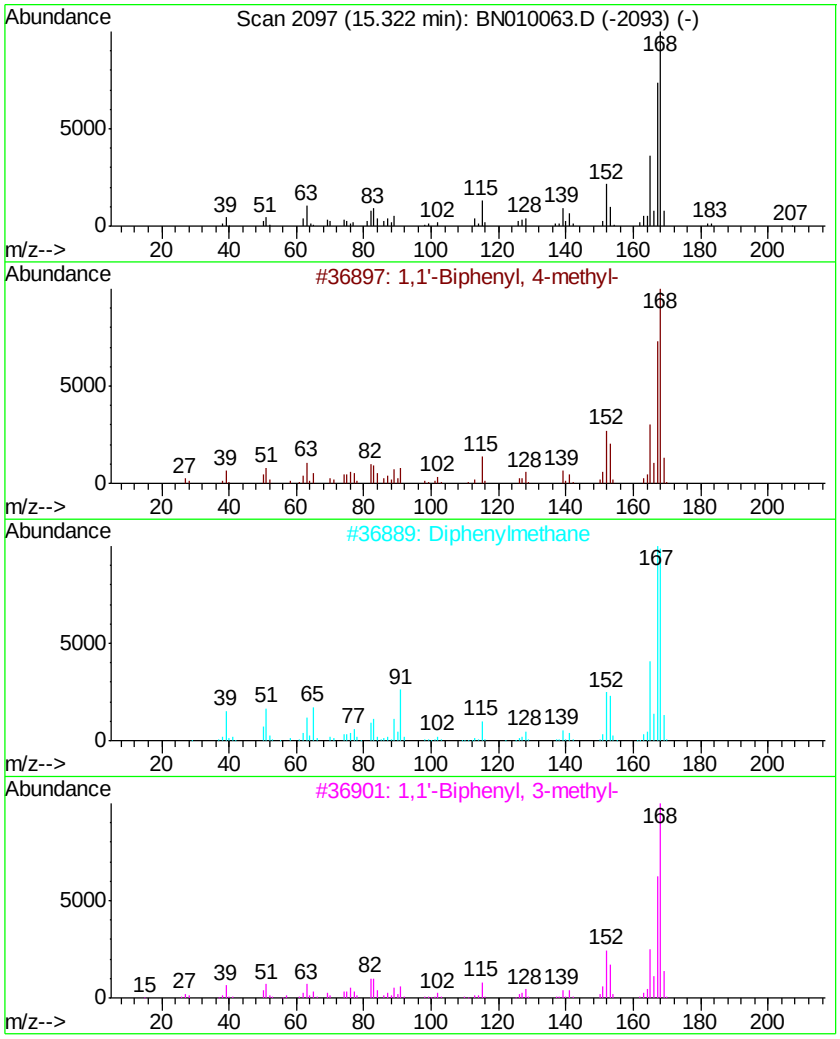
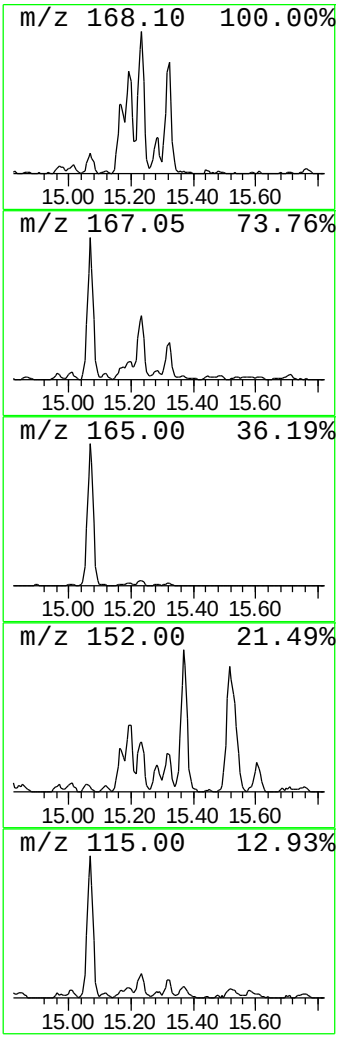
Peak Number 14 1,1'-Biphenyl, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	4.83 ng/ul	189151	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	90
2	Diphenylmethane	168	C13H12	000101-81-5	90
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	89
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	81
5	Diphenylmethane	168	C13H12	000101-81-5	74





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Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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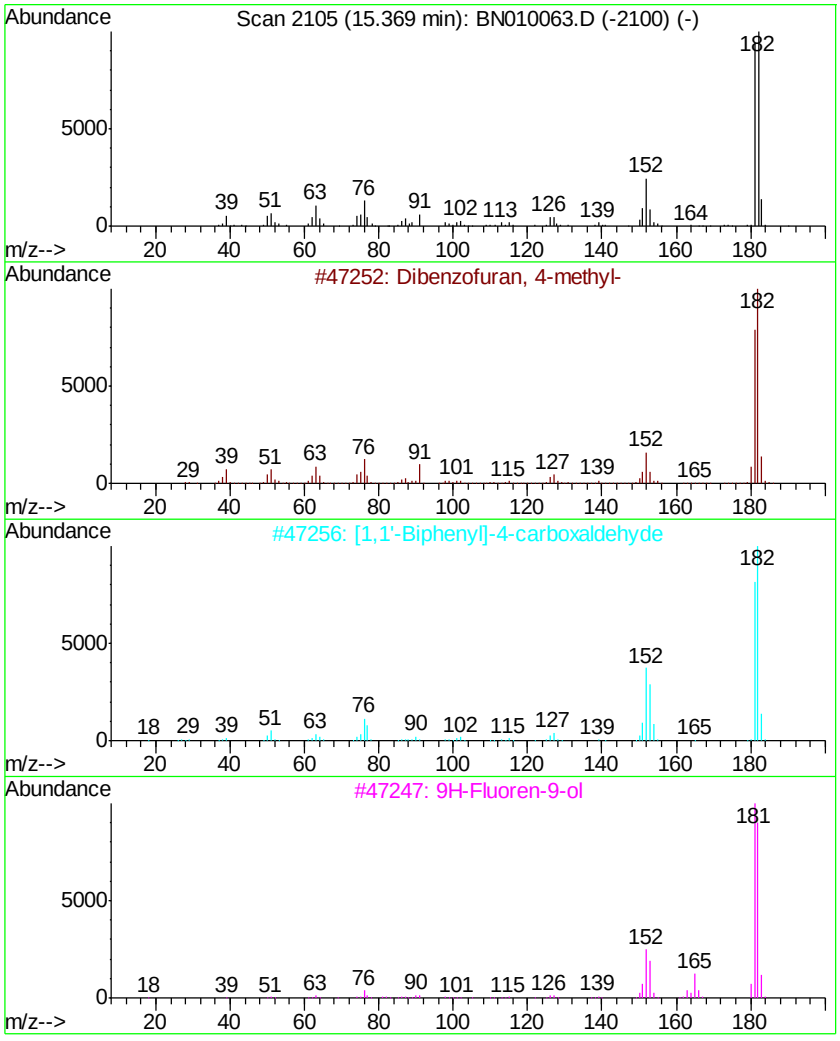
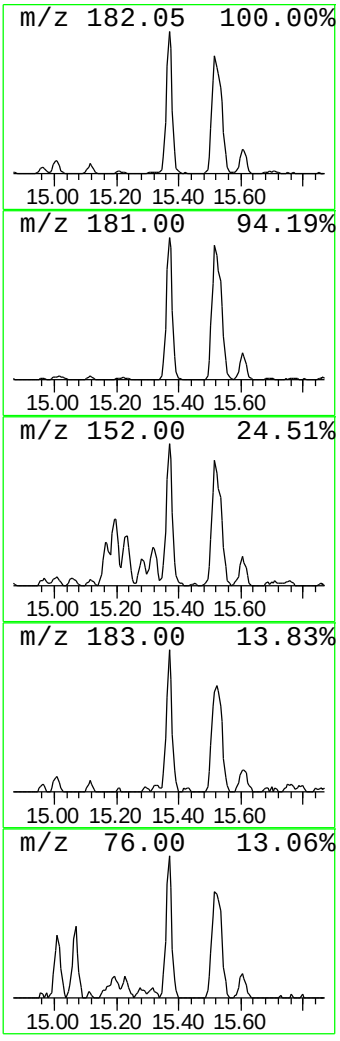
Peak Number 15 Dibenzofuran, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	16.04 ng/ul	627751	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	78
5	9H-Xanthene	182	C13H10O	000092-83-1	72





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Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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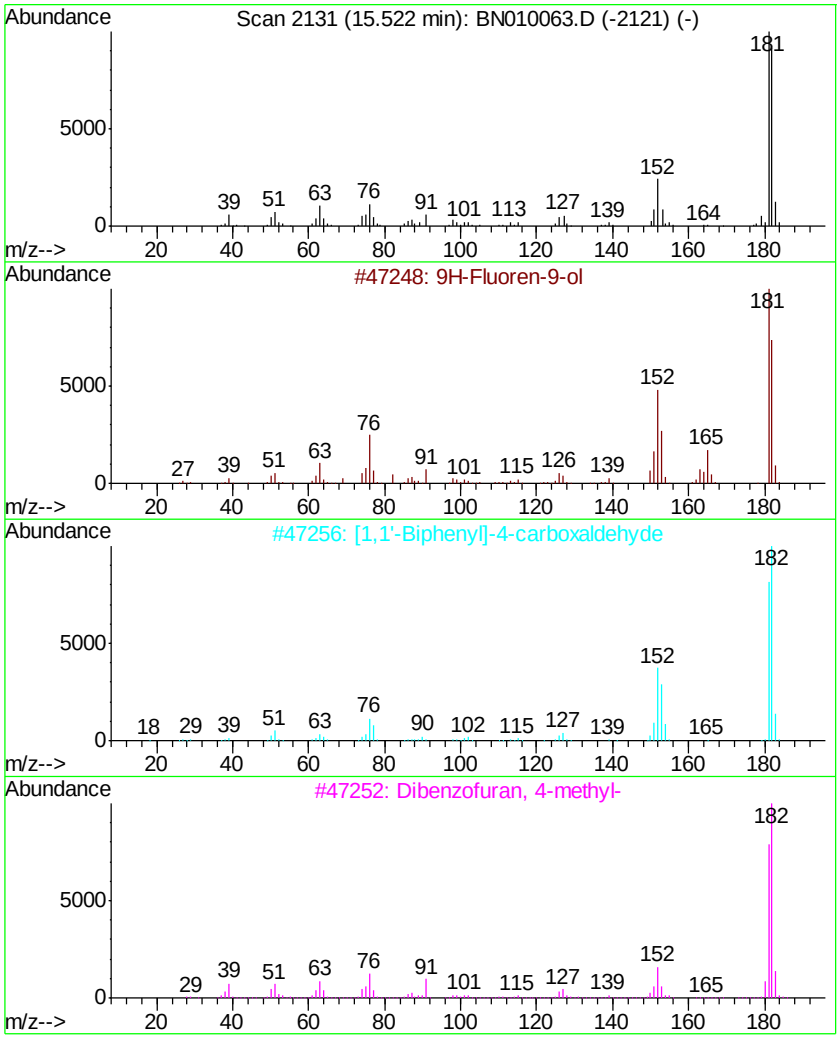
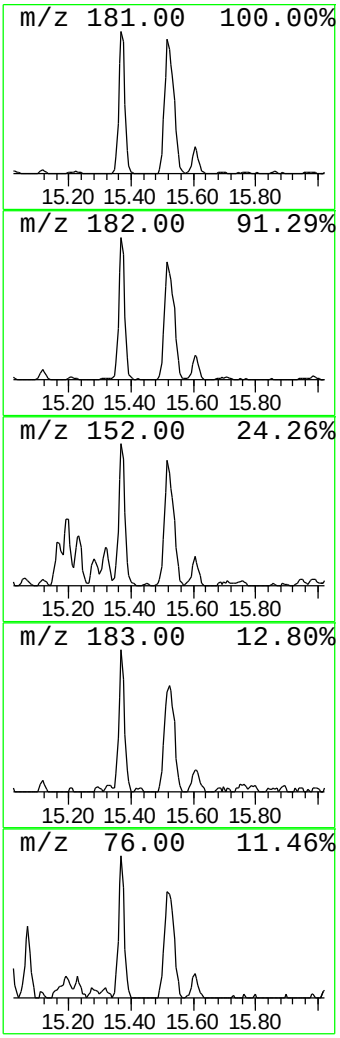
Peak Number 16 9H-Fluoren-9-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	15.10 ng/ul	823283	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	80
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	9H-Xanthene	182	C13H10O	000092-83-1	64





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Data File : BN010063.D
Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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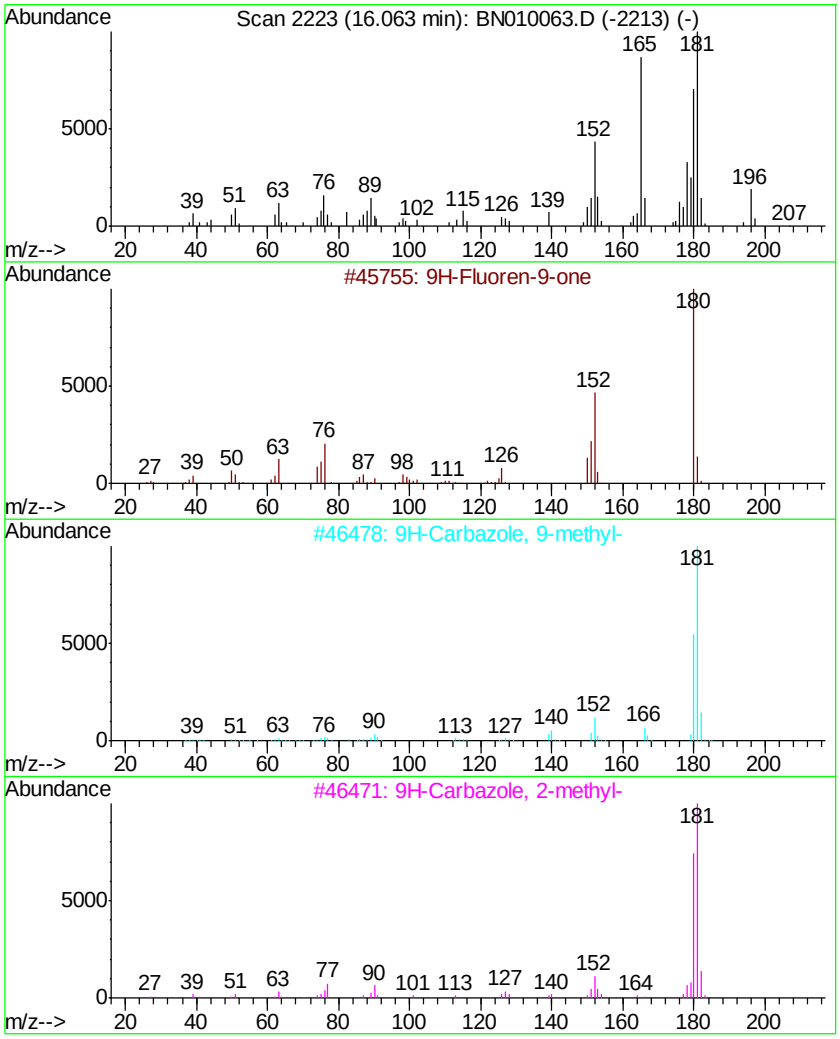
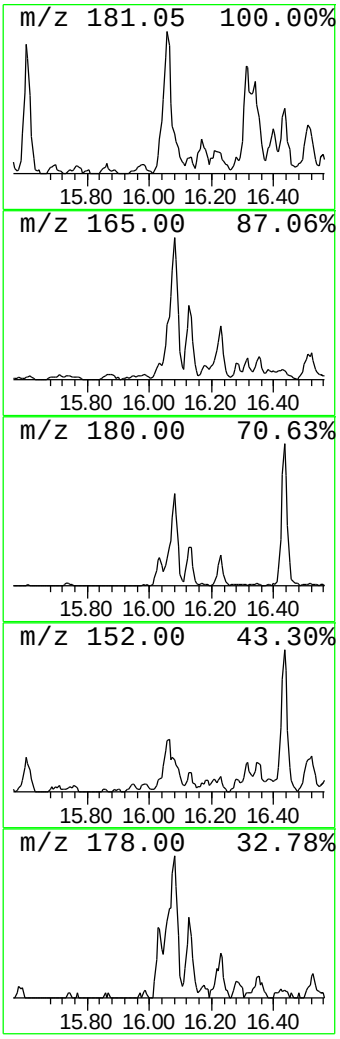
Peak Number 18 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	4.61 ng/ul	251399	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	56
2	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	55
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	55
4	4-Methylcarbazole	181	C13H11N	003770-48-7	55
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	50





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Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

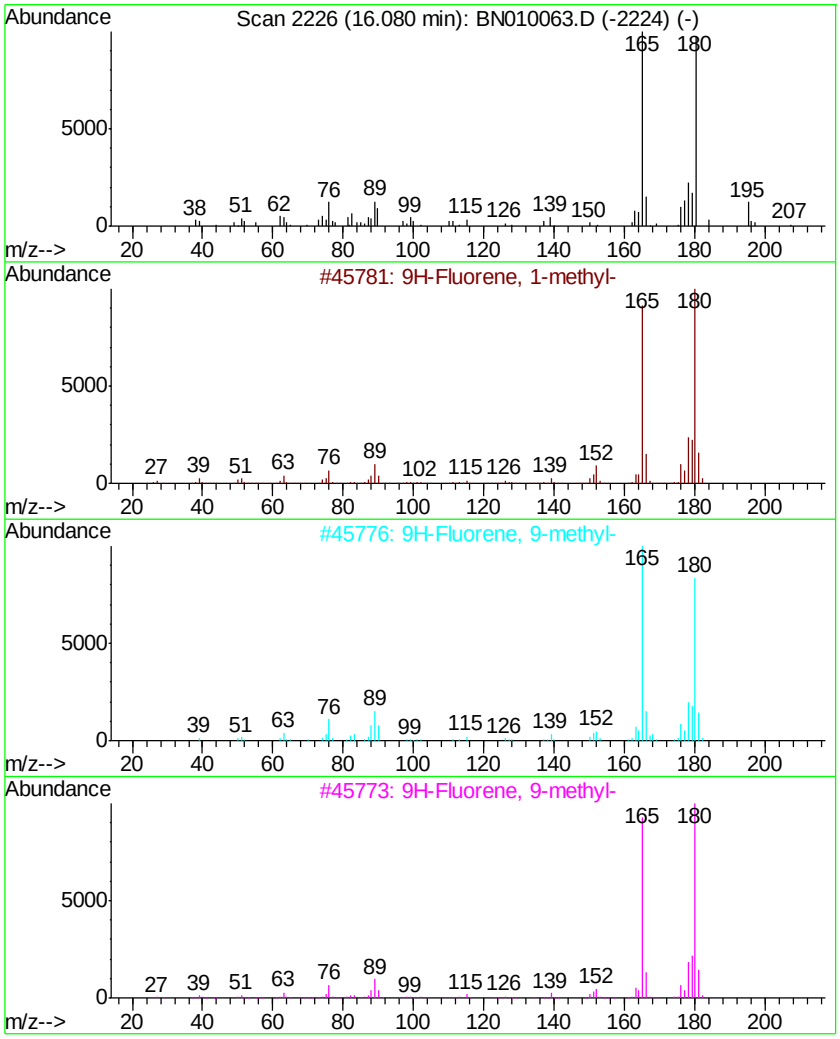
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

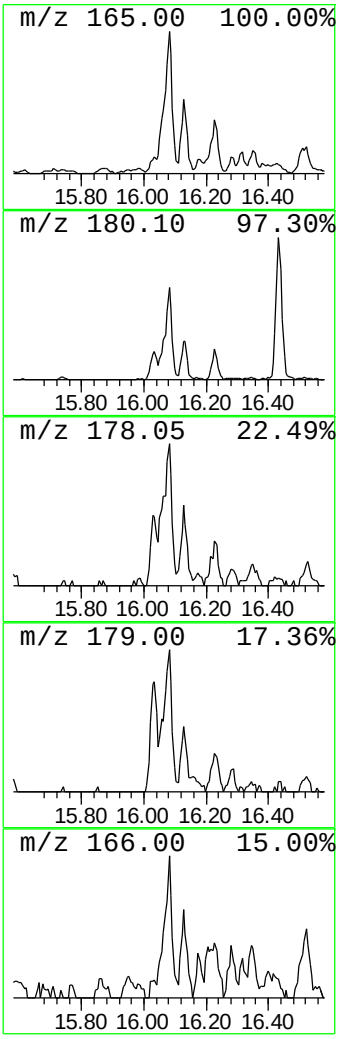
****

Peak Number 19 9H-Fluorene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	3.89 ng/ul	212368	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	81
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	74





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Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

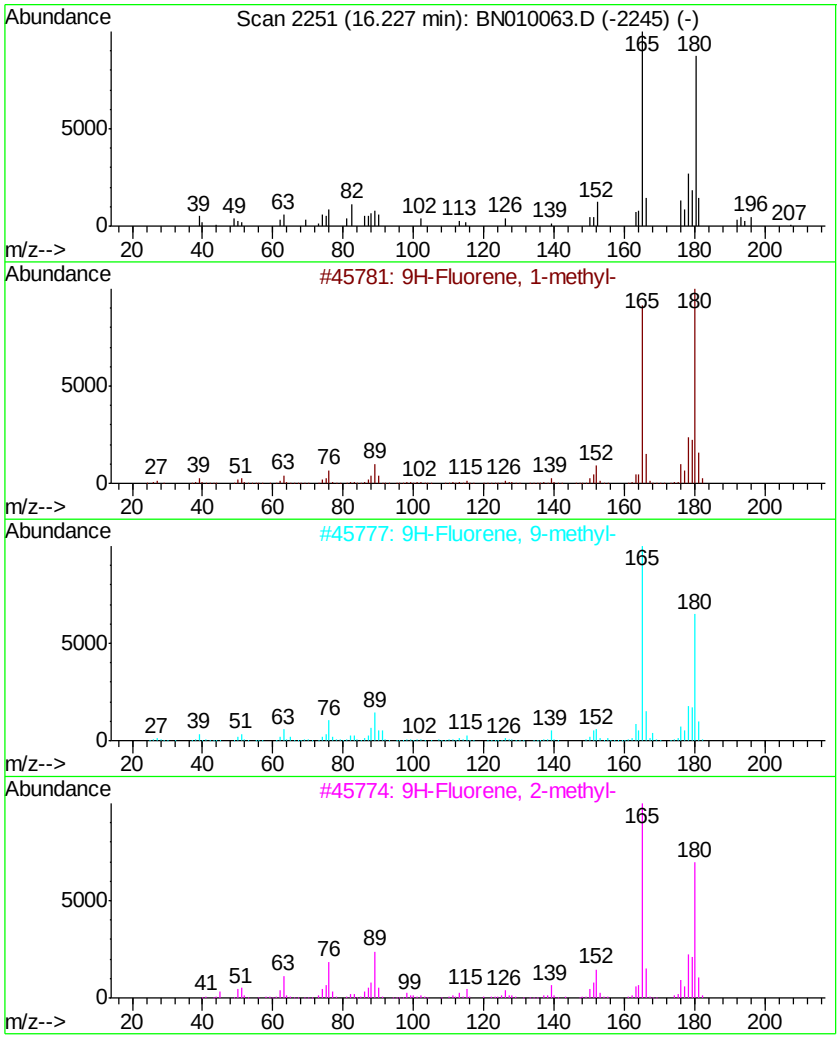
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

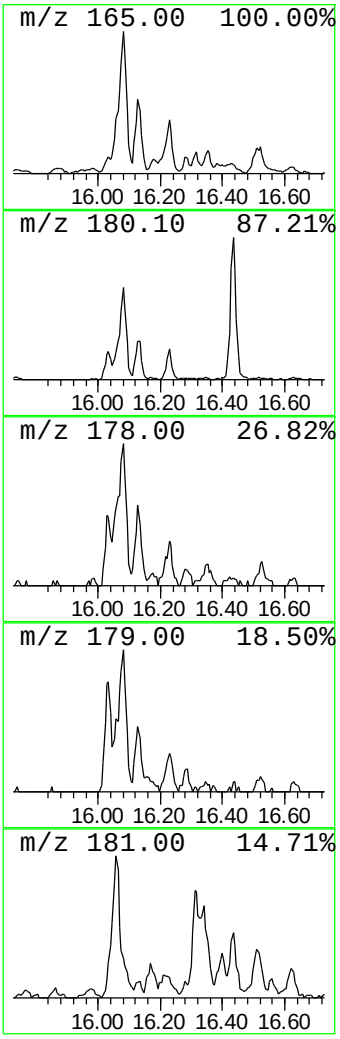
****

Peak Number 20 9H-Fluorene, 9-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	2.28 ng/ul	124565	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90





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Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

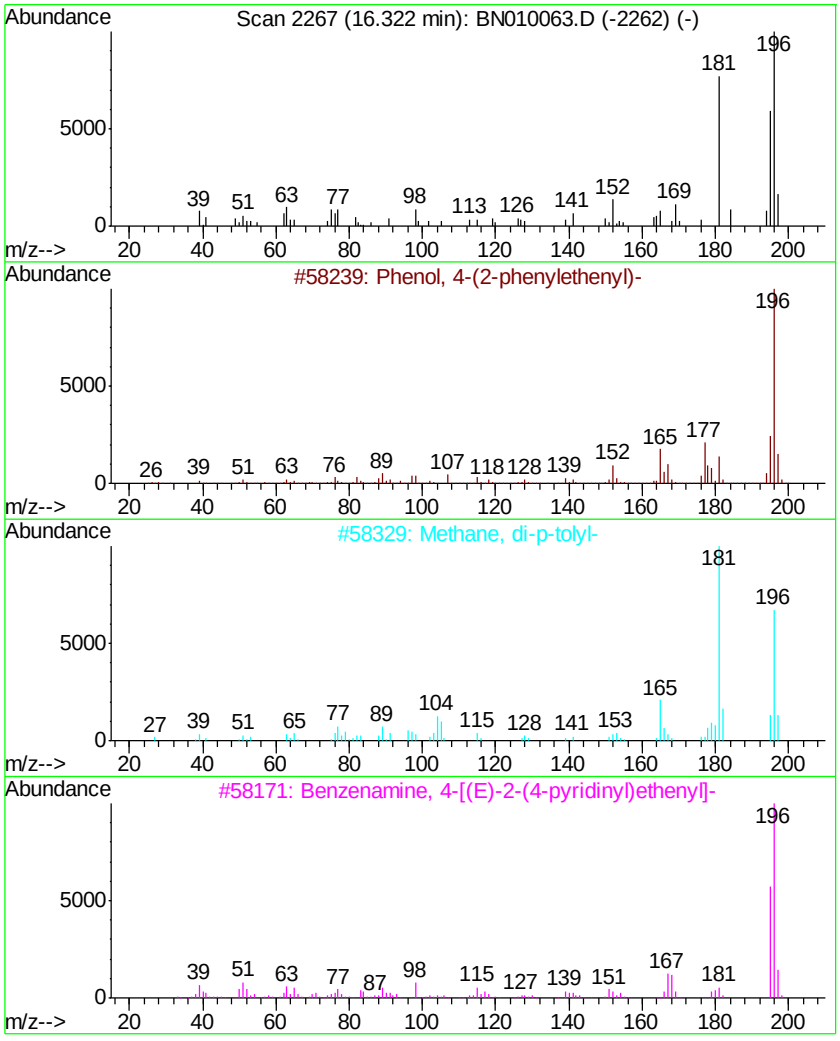
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

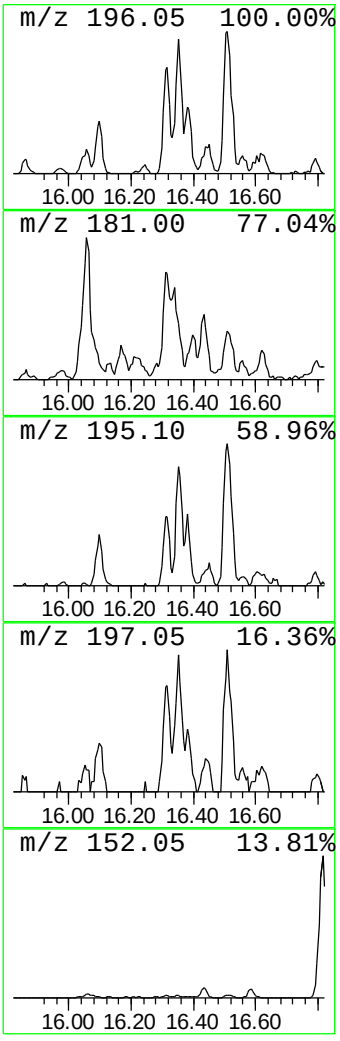
****

Peak Number 21 Phenol, 4-(2-phenylethenyl)- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.52 ng/ul	137680	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58
2	Methane, di-p-tolyl-	196	C15H16	004957-14-6	52
3	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	50
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49
5	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	49





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Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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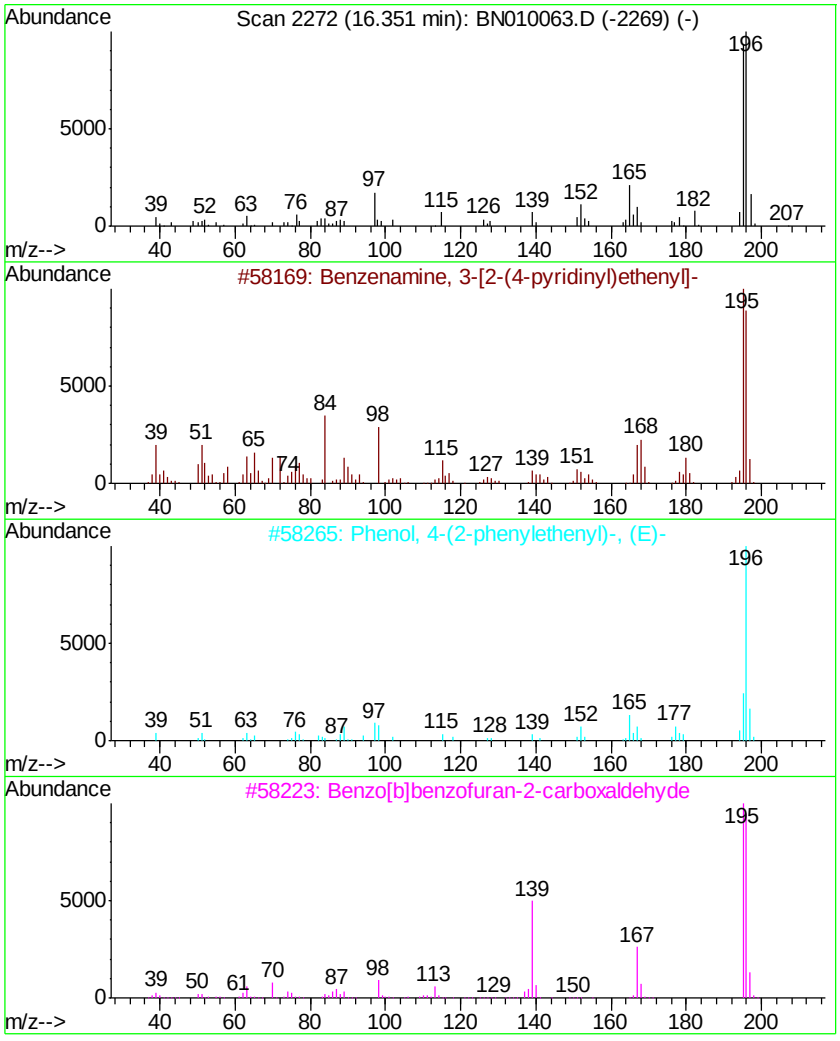
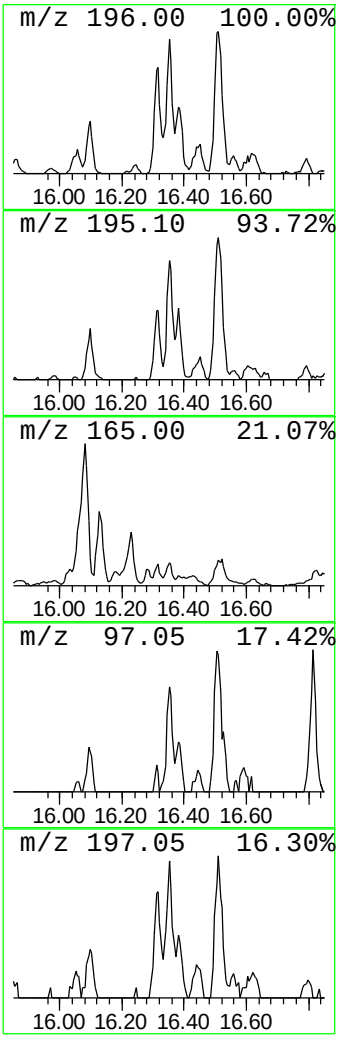
Peak Number 22 Benzenamine, 3-[2-(4-pyridi... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	2.56 ng/ul	139585	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	64
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	62
3	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	59
4	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	53
5	Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	52





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Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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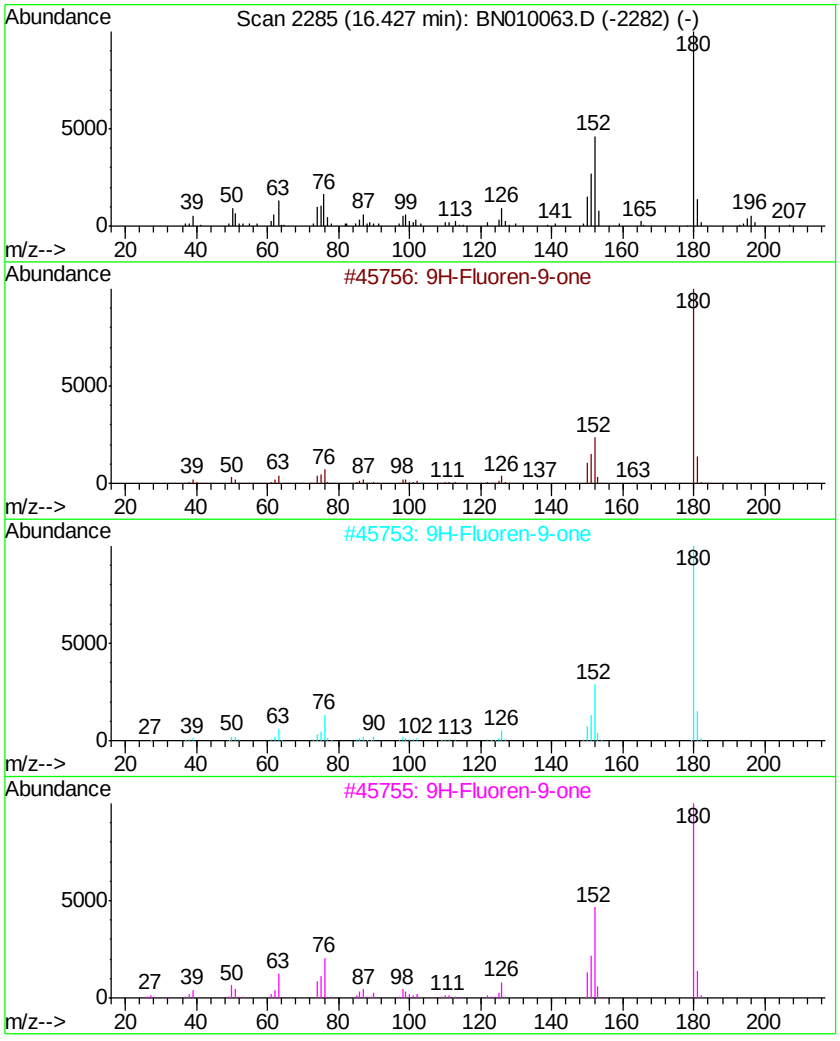
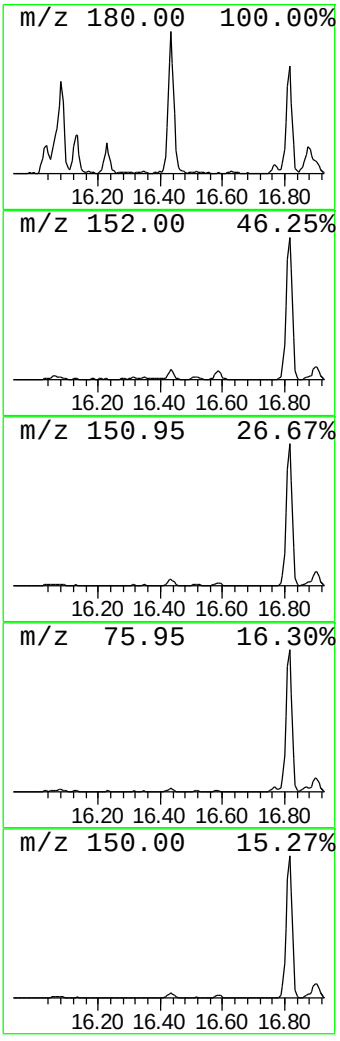
Peak Number 23 1H-Phenalen-1-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	5.06 ng/ul	276083	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53





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Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

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Quant Title : SVOA CALIBRATION

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

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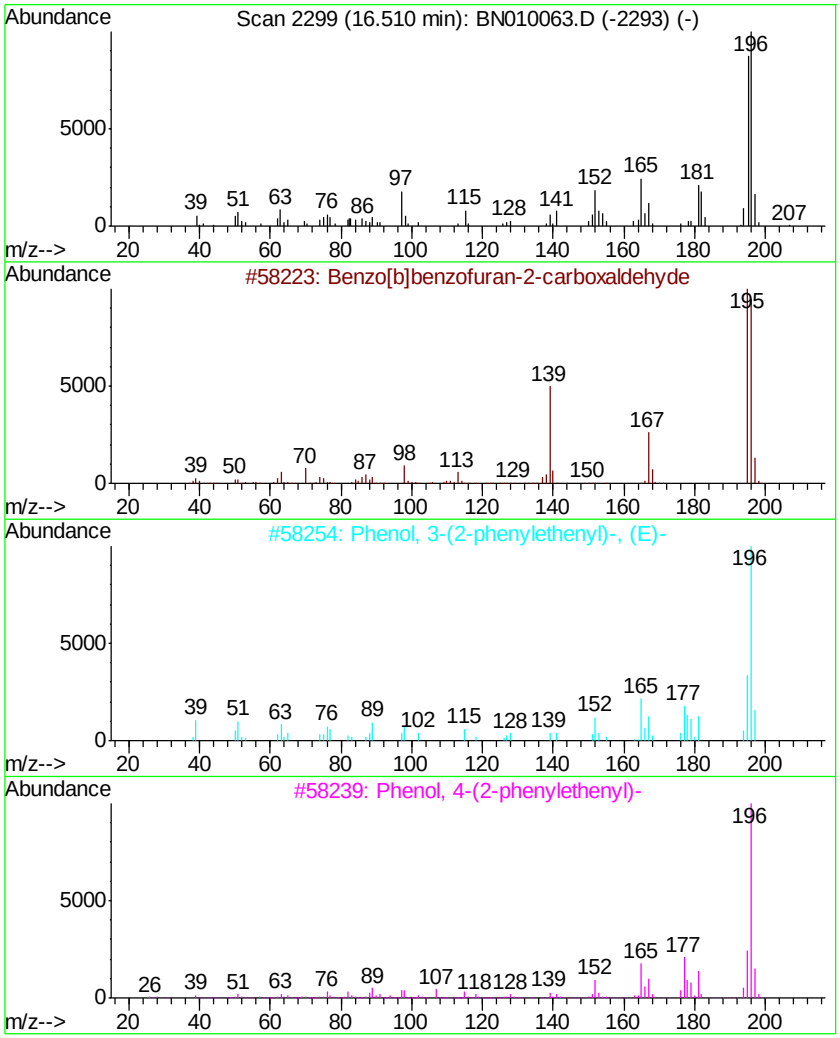
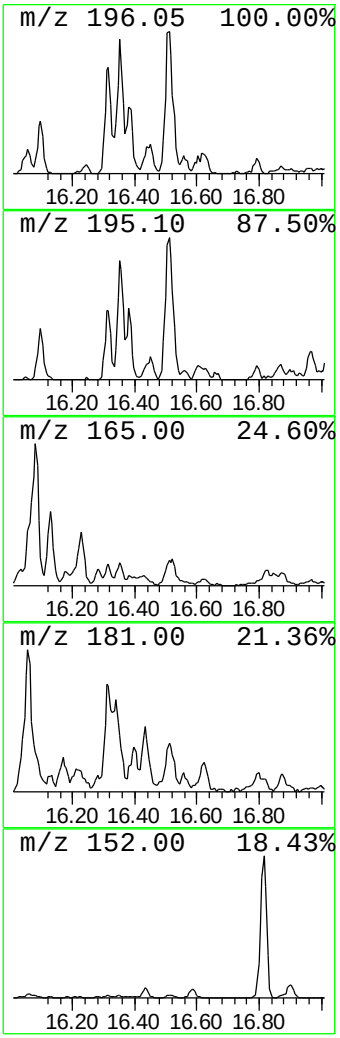
Peak Number 24 Benzo[b]benzofuran-2-carbox... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	5.68 ng/ul	309776	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	62
2	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	52
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	50
5	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	49





Library Search Compound Report

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Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

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Quant Title : SVOA CALIBRATION

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

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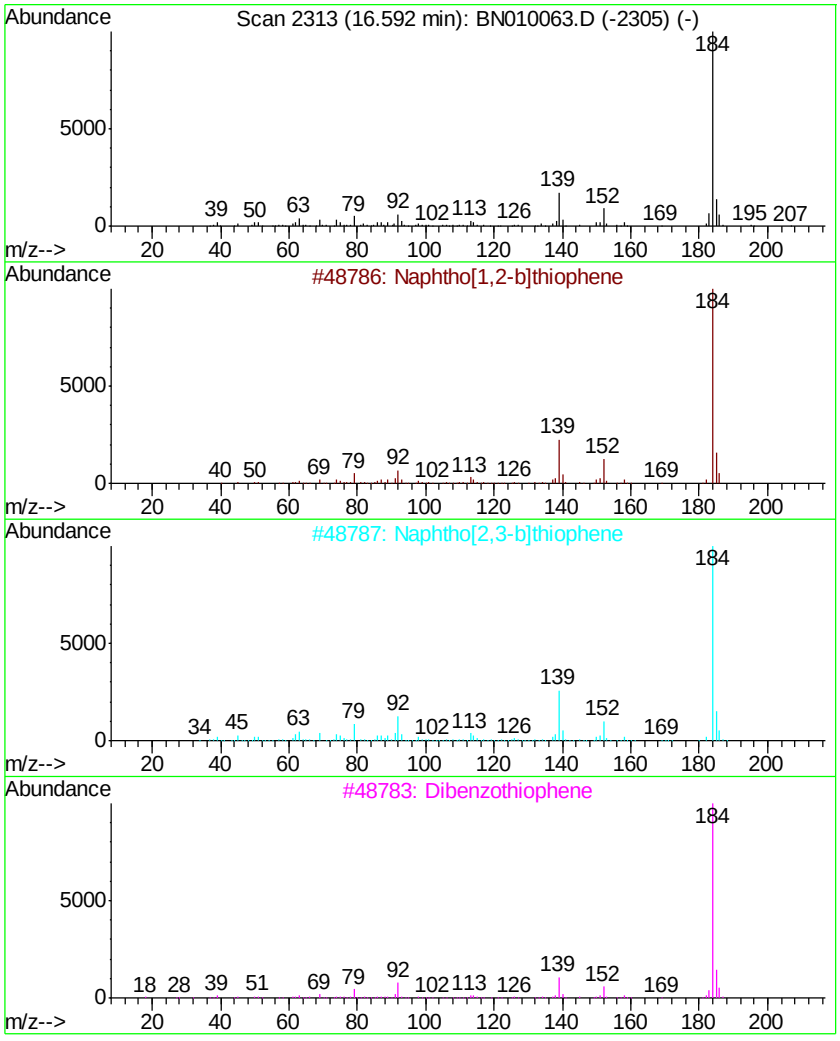
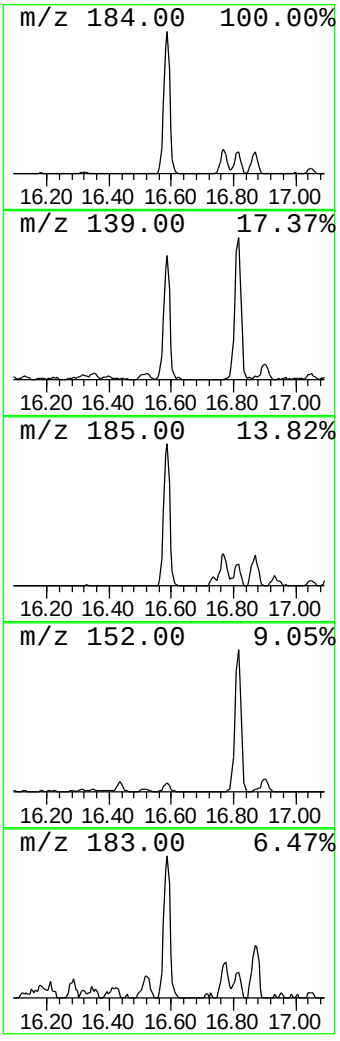
Peak Number 25 Naphtho[1,2-b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	13.31 ng/ul	725867	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94





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Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

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Quant Title : SVOA CALIBRATION

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

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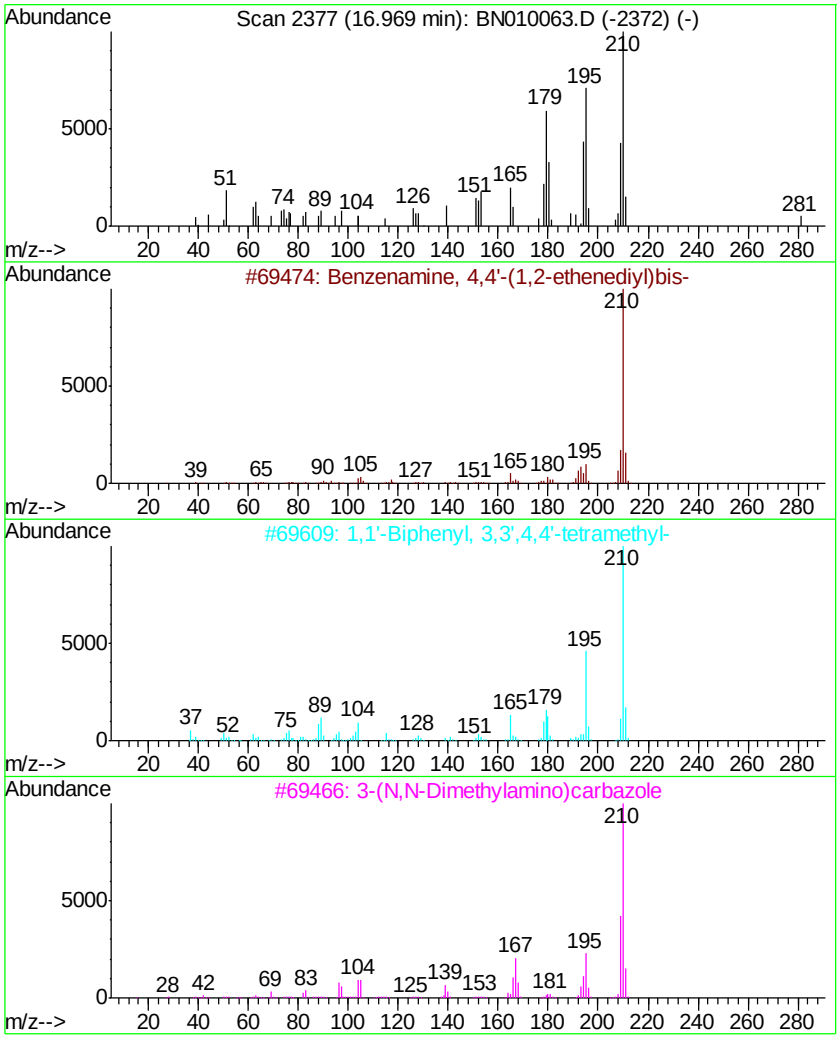
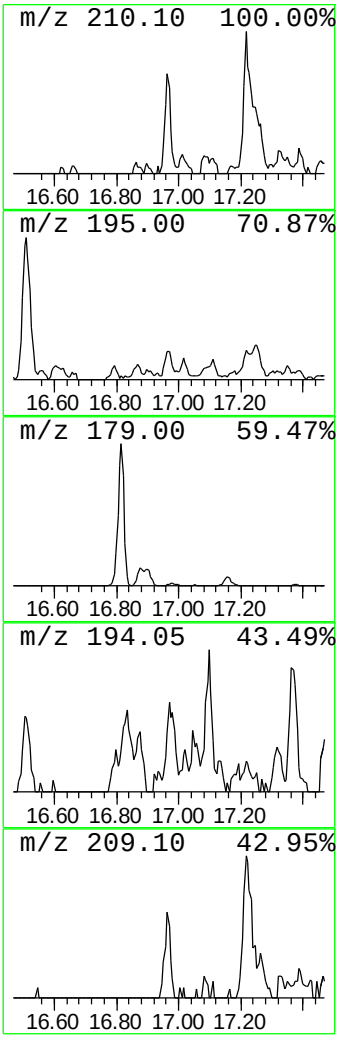
Peak Number 26 Benzenamine, 4,4'-(1,2-ethe... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	2.38 ng/ul	129617	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4'-(1,2-ethenediy...	210	C14H14N2	000621-96-5	58
2	1,1'-Biphenyl, 3,3',4,4'-tetrame...	210	C16H18	004920-95-0	49
3	3-(N,N-Dimethylamino)carbazole	210	C14H14N2	001140-50-7	46
4	3-(N,N-Dimethylamino)carbazole	210	C14H14N2	001140-50-7	46
5	7H-Cyclopenta[b]pyridine-3,6-dic...	210	C12H10N4	1000264-64-4	43





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Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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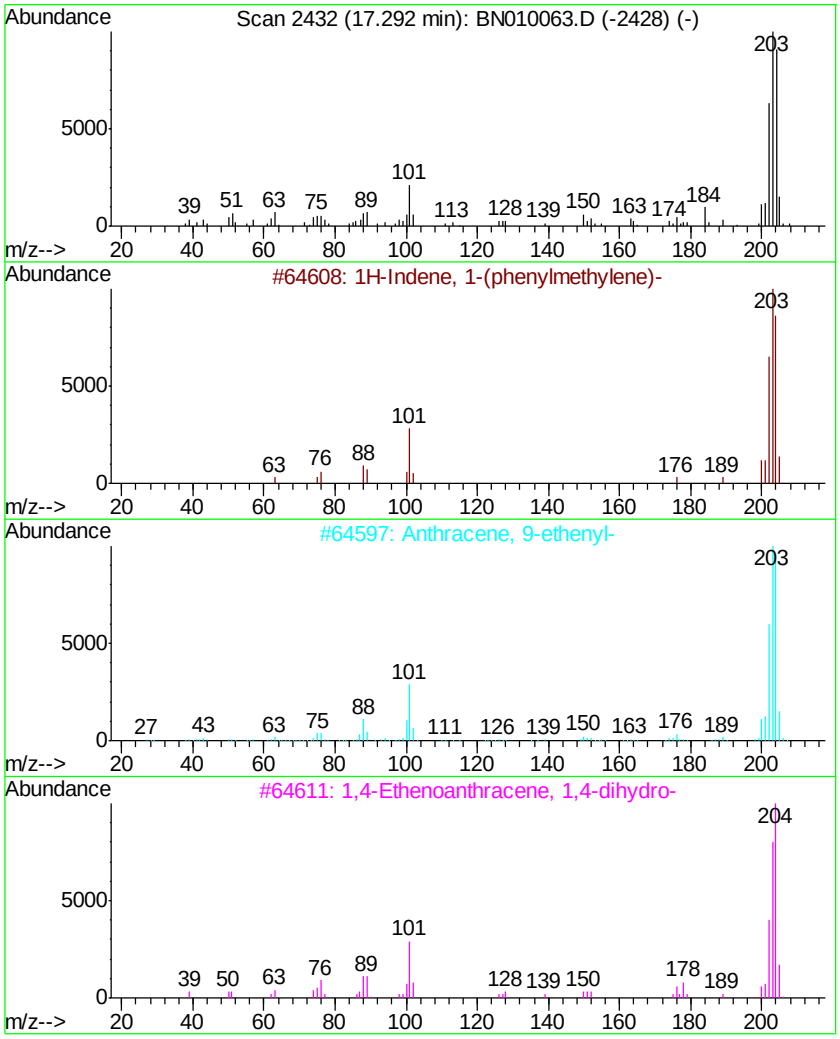
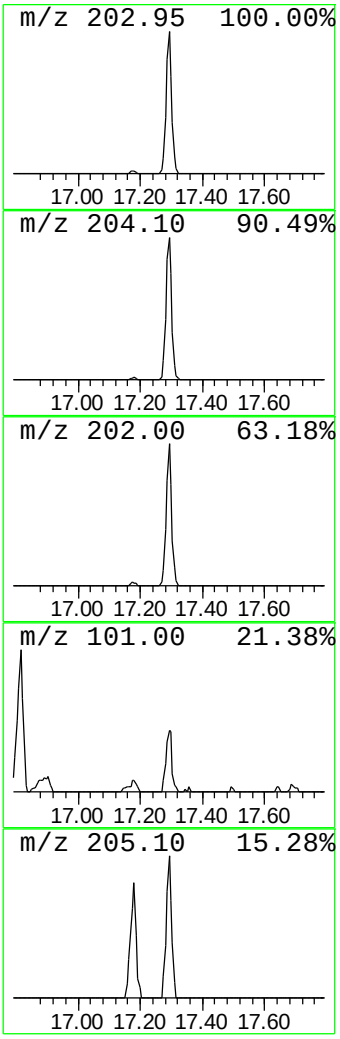
Peak Number 27 1H-Indene, 1-(phenylmethyle... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	4.87 ng/ul	265324	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	94
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
3	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	90
4	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
5	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	76





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Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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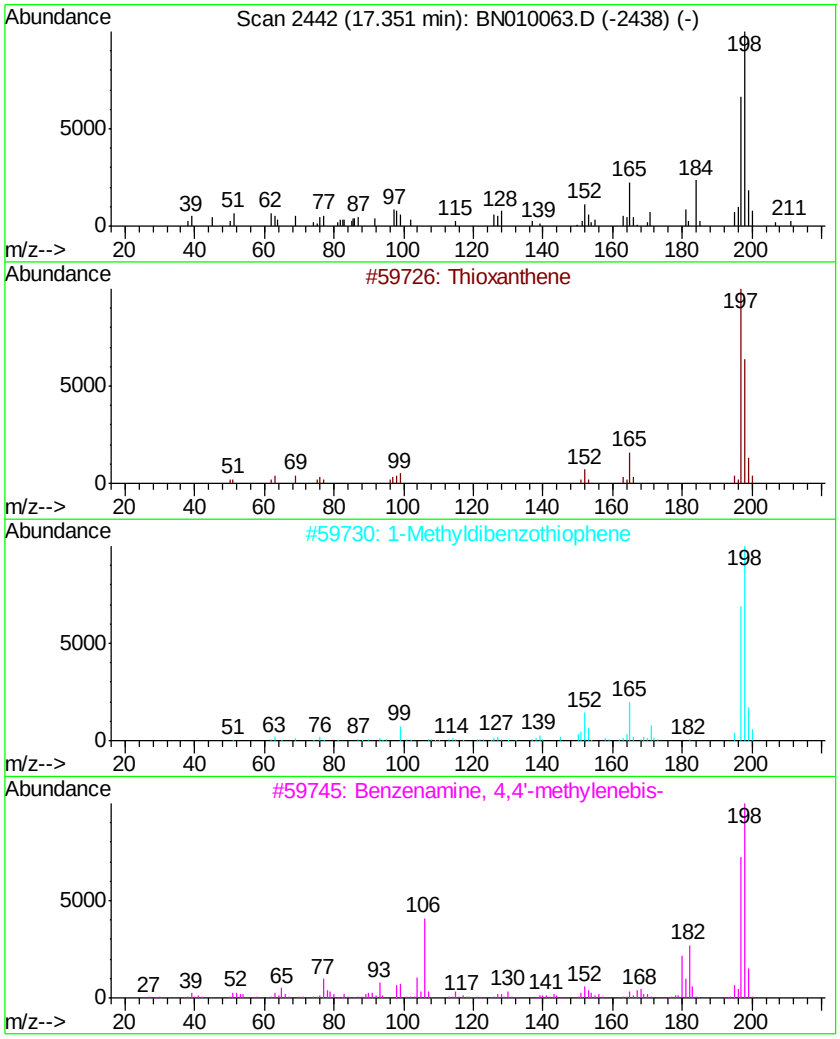
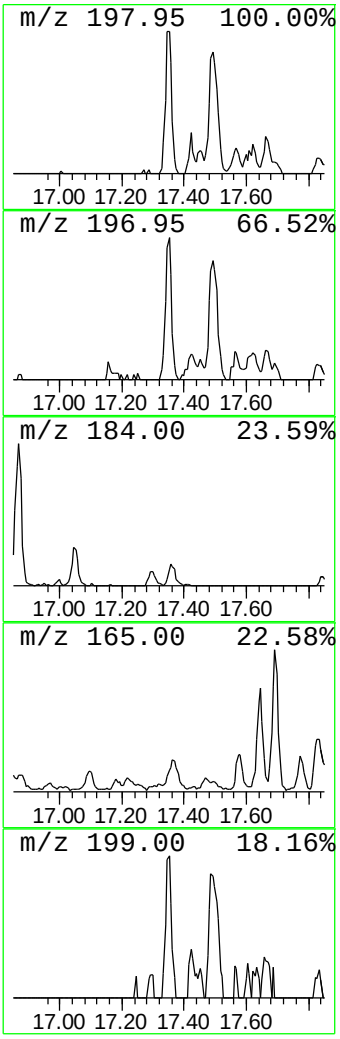
Peak Number 28 Thioxanthene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	3.83 ng/ul	208731	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thioxanthene	198	C13H10S	000261-31-4	83
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	76
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	70
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	68
5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	68





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Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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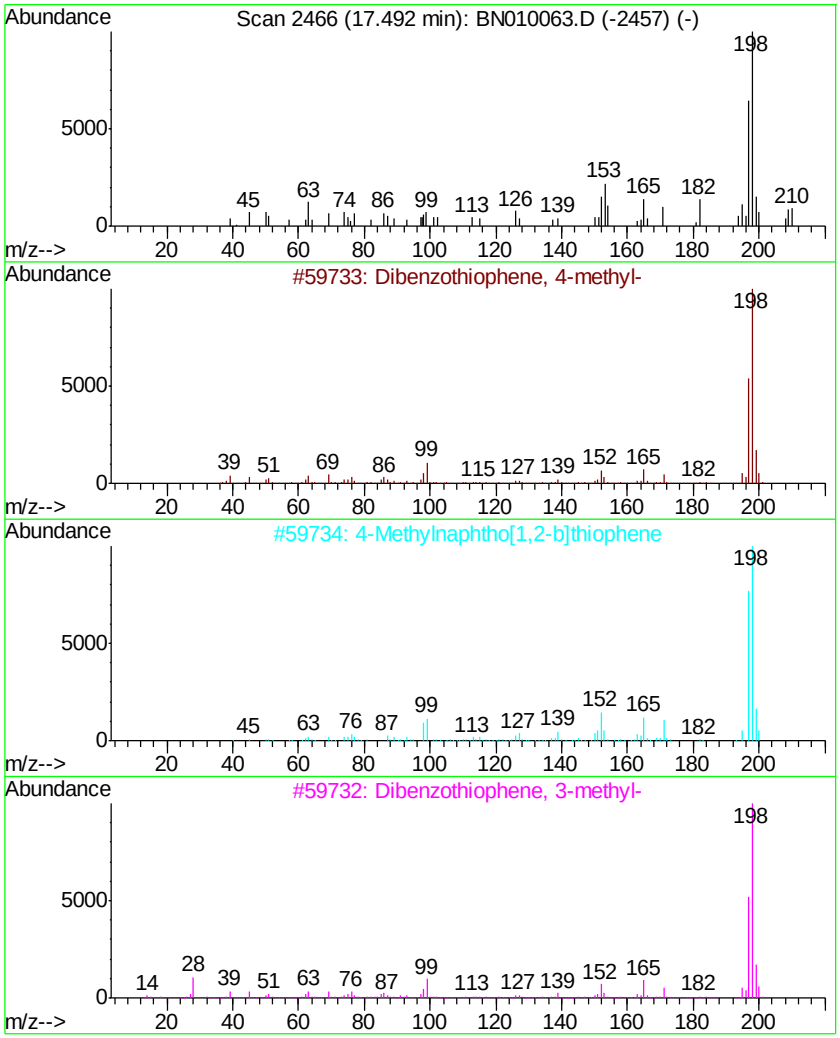
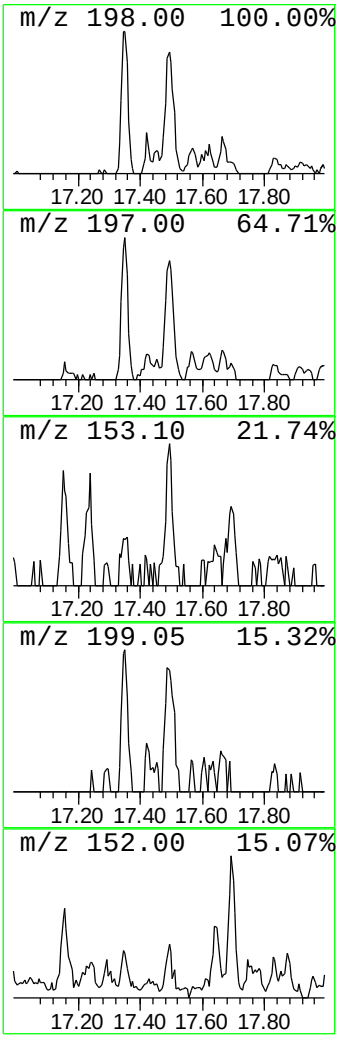
Peak Number 29 Dibenzothiophene, 4-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	2.09 ng/ul	114030	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	96
2	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	93
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	89
4	4,6,8-Trimethyl-1-azulenecarbald...	198	C14H14O	000832-62-2	81
5	2-Biphenylcarboxylic acid	198	C13H10O2	000947-84-2	72





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Data File : BN010063.D
Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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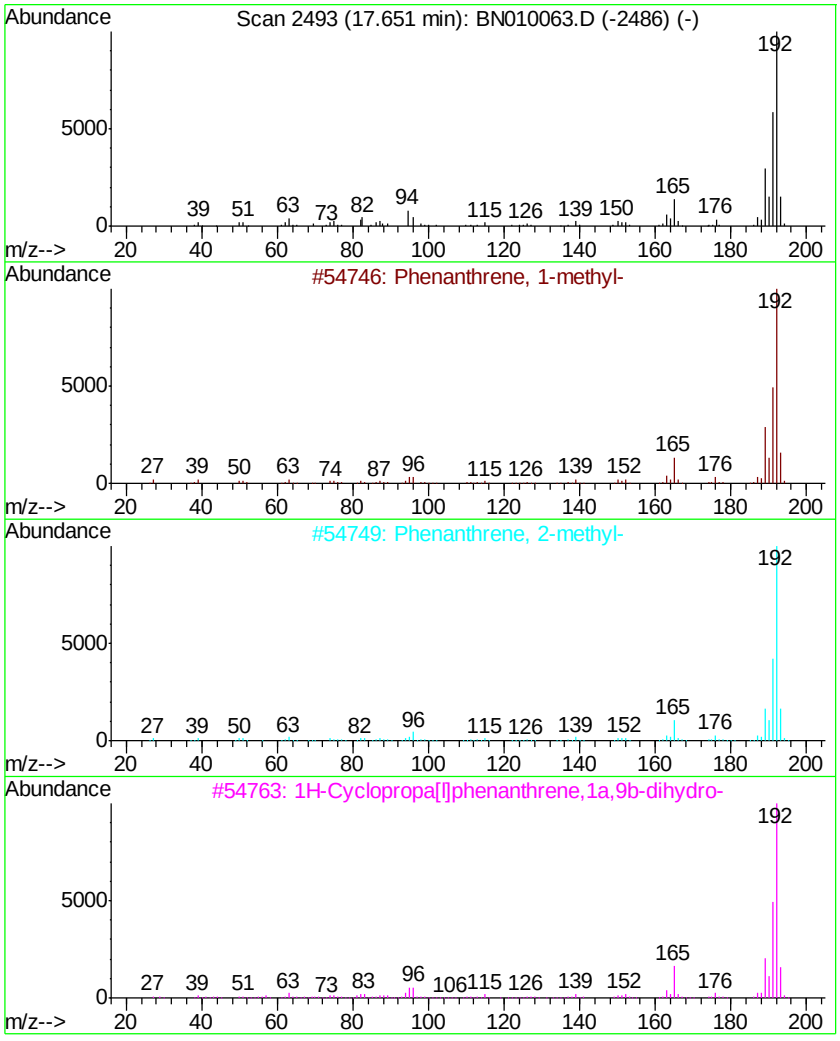
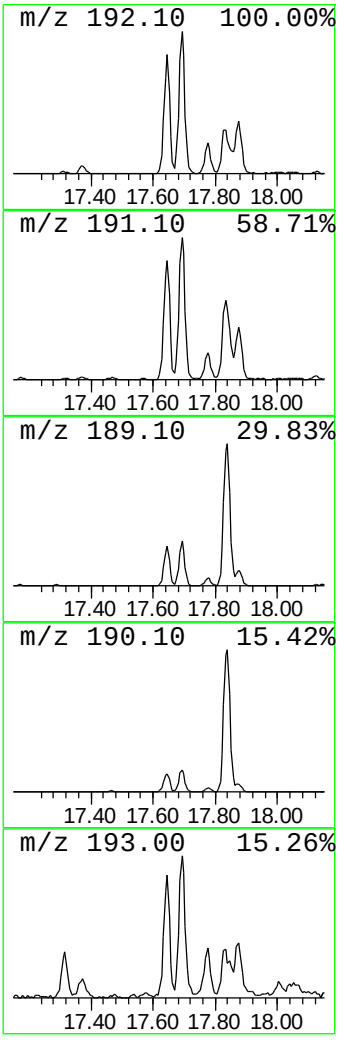
Peak Number 30 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	11.75 ng/ul	640656	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010063.D
Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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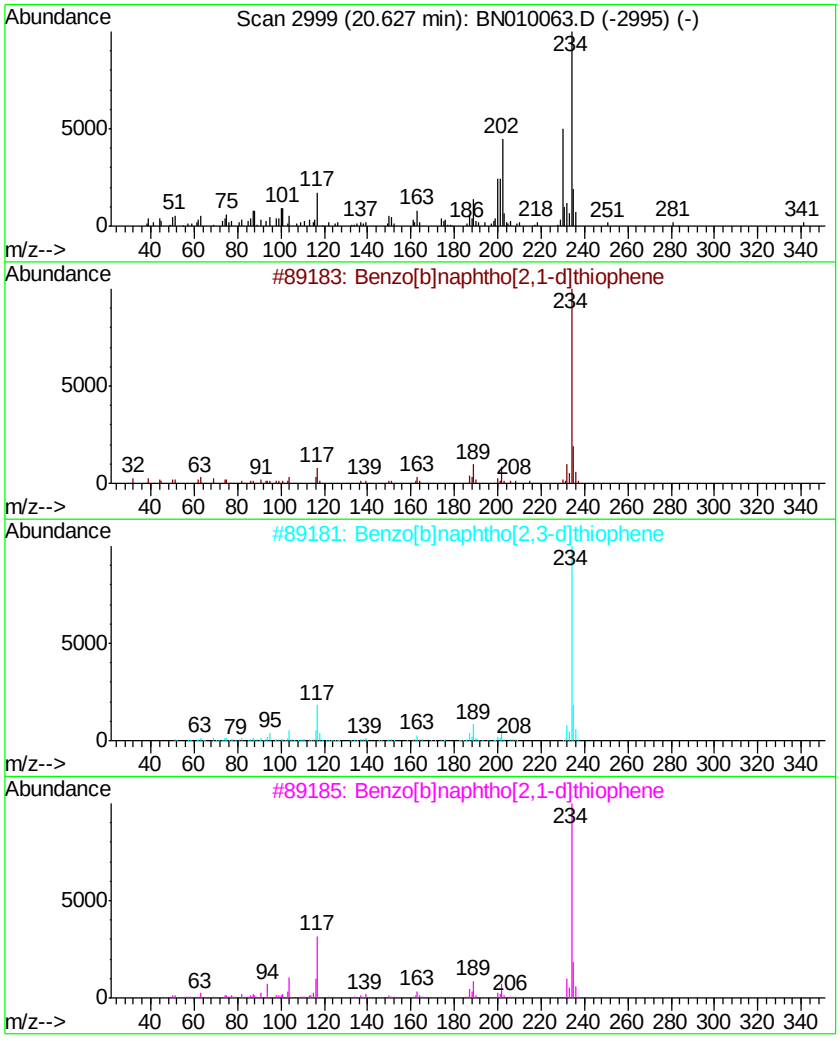
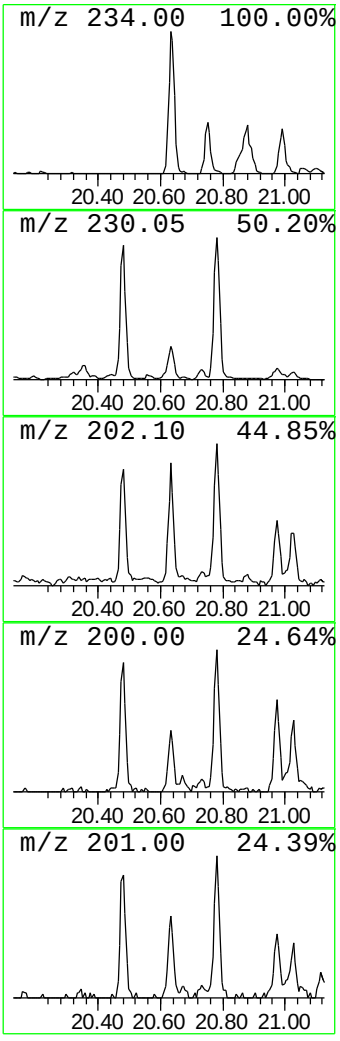
Peak Number 47 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	2.27 ng/ul	239696	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	78
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	55
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	55
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010063.D
Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

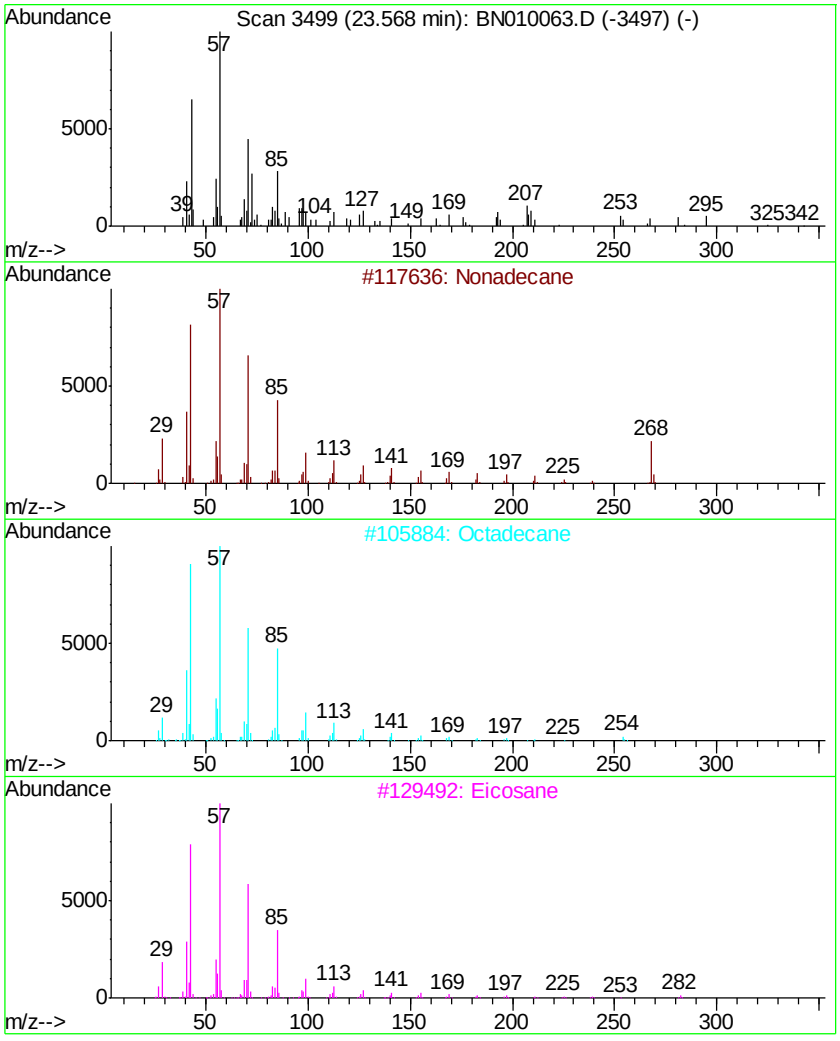
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

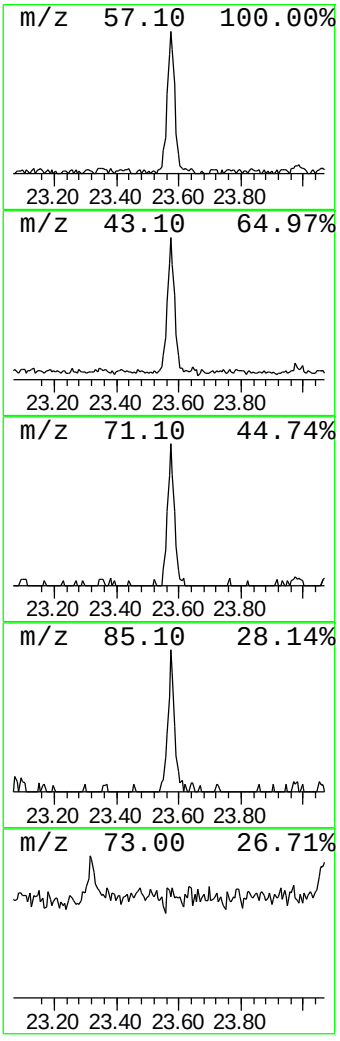
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.57	2.27 ng/ul	125460	Perylene-d12	23.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	81
2	Octadecane	254	C18H38	000593-45-3	74
3	Eicosane	282	C20H42	000112-95-8	74
4	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	72
5	Hexadecane	226	C16H34	000544-76-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Data File : BN010063.D
Acq On : 03 Mar 2020 15:52
Operator : CG/JU
Sample : L1507-20ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD18ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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
Naphthalene, 1-me...	12.01	15.8	ng/ul	487929	2	10.11	617619	20.0
Naphthalene, 2-et...	13.03	3.8	ng/ul	149614	3	14.00	782837	20.0
Naphthalene, 2,3-...	13.16	11.5	ng/ul	450203	3	14.00	782837	20.0
Naphthalene, 1,6-...	13.33	12.3	ng/ul	482301	3	14.00	782837	20.0
Naphthalene, 2,6-...	13.38	7.3	ng/ul	284630	3	14.00	782837	20.0
Naphthalene, 1,3-...	13.56	4.6	ng/ul	181750	3	14.00	782837	20.0
2-Naphthalenecarb...	14.16	4.3	ng/ul	167414	3	14.00	782837	20.0
Naphthalene, 2-(1...	14.22	2.5	ng/ul	99529	3	14.00	782837	20.0
Naphthalene, 2,3,...	14.50	3.1	ng/ul	120473	3	14.00	782837	20.0
Naphthalene, 1,6,...	14.64	2.4	ng/ul	93023	3	14.00	782837	20.0
Naphthalene, 1,4,...	14.70	2.2	ng/ul	85587	3	14.00	782837	20.0
Naphthalene, 1,4,...	14.82	2.3	ng/ul	90790	3	14.00	782837	20.0
Benzene, [1-(2,4-...	15.29	2.7	ng/ul	107297	3	14.00	782837	20.0
1,1'-Biphenyl, 4-...	15.32	4.8	ng/ul	189151	3	14.00	782837	20.0
Dibenzofuran, 4-m...	15.37	16.0	ng/ul	627751	3	14.00	782837	20.0
9H-Fluoren-9-ol	15.52	15.1	ng/ul	823283	4	16.77	1090550	20.0
9H-Fluoren-9-one	16.06	4.6	ng/ul	251399	4	16.77	1090550	20.0
9H-Fluorene, 1-me...	16.08	3.9	ng/ul	212368	4	16.77	1090550	20.0
9H-Fluorene, 9-me...	16.23	2.3	ng/ul	124565	4	16.77	1090550	20.0
Phenol, 4-(2-phen...	16.32	2.5	ng/ul	137680	4	16.77	1090550	20.0
Benzenamine, 3-[2...	16.35	2.6	ng/ul	139585	4	16.77	1090550	20.0
1H-Phenalen-1-one	16.43	5.1	ng/ul	276083	4	16.77	1090550	20.0
Benzo[b]benzofura...	16.51	5.7	ng/ul	309776	4	16.77	1090550	20.0
Naphtho[1,2-b]thi...	16.59	13.3	ng/ul	725867	4	16.77	1090550	20.0
Benzenamine, 4,4'...	16.97	2.4	ng/ul	129617	4	16.77	1090550	20.0
1H-Indene, 1-(phe...	17.29	4.9	ng/ul	265324	4	16.77	1090550	20.0
Thioxanthene	17.35	3.8	ng/ul	208731	4	16.77	1090550	20.0
Dibenzothiophene,...	17.49	2.1	ng/ul	114030	4	16.77	1090550	20.0
Phenanthrene, 1-m...	17.65	11.8	ng/ul	640656	4	16.77	1090550	20.0
Benzo[b]naphtho[2...	20.63	2.3	ng/ul	239696	5	20.99	2114300	20.0
(DEL) Alkane: Str...	23.57	2.3	ng/ul	125460	6	23.09	1102950	20.0