LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012340.D
Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

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-BN101720.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.064	9	13	17	rBV	2594186	2418785	19.29%	2.061%
2	3.387	66	68	72	rVV	77845	85304	0.68%	0.073%
3	3.758	126	131	141	rVV	273522	367706	2.93%	0.313%
4	3.852	141	147	153	rVB	221344	257833	2.06%	0.220%
5	7.593	773	783	792	rBV	954660	1509344	12.04%	1.286%
6	7.957	838	845	850	rVB2	26160	47506	0.38%	0.040%
7	8.687	961	969	975	rBV6	22142	47760	0.38%	0.041%
8	9.769	1148	1153	1160	rBV2	46213	79259	0.63%	0.068%
9	10.363	1243	1254	1259	rBV	1205749	2036327	16.24%	1.735%
10	10.416	1259	1263	1270	rVV	587607	962063	7.67%	0.820%
11	11.028	1362	1367	1372	rBV2	33609	67897	0.54%	0.058%
12	11.281	1402	1410	1418	rVV4	28993	59647	0.48%	0.051%
13	11.393	1425	1429	1437	rBV5	29598	63217	0.50%	0.054%
14	12.034	1526	1538	1546	rVB	877624	1399504	11.16%	1.193%
15	12.257	1569	1576	1586	rVV	783038	1239919	9.89%	1.057%
16	12.775	1659	1664	1668	rVV	48299	74122	0.59%	0.063%
17	13.063	1706	1713	1720	rBV	212232	335736	2.68%	0.286%
18	13.257	1740	1746	1756	rVB	521394	957067	7.63%	0.816%
19	13.393	1764	1769	1770	rBV	344099	437324	3.49%	0.373%
20	13.557	1790	1797	1802	rVV	705363	1229534	9.81%	1.048%
21	13.610	1802	1806	1810	rVB	418413	570667	4.55%	0.486%
22	13.728	1822	1826	1830	rVB3	58207	68989	0.55%	0.059%
23	13.792	1830	1837	1840	rBV	441667	643517	5.13%	0.548%
24	13.822	1840	1842	1851	rVB	143931	200273	1.60%	0.171%
25	13.928	1855	1860	1862	rBV	100452	142894	1.14%	0.122%
26	13.957	1862	1865	1872	rVB	272782	386260	3.08%	0.329%
27	14.063	1880	1883	1891	rVB9	54780	96635	0.77%	0.082%
28	14.151	1892	1898	1902	rBV2	92375	141973	1.13%	0.121%
29	14.234	1902	1912	1918	rBV2	1752993	2976864	23.75%	2.537%
30	14.298	1918	1923	1932	rVB	1107625	1775073	14.16%	1.513%
31	14.369	1932	1935	1942	rVB2	75424	101029	0.81%	0.086%
32	14.451	1942	1949	1958	rBV	357472	909481	7.25%	0.775%
33	14.545	1958	1965	1971	rBV2	363386	689576	5.50%	0.588%
34	14.640	1971	1981	1987	rBV	536345	1024097	8.17%	0.873%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

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-BN101720.M
Title : SVOA CALIBRATION

35	14.716	1988	1994	1999	rBV	224723	342701	2.73%	0.292%
36	14.775	2000	2004	2010	rVB5	95762	150824	1.20%	0.129%
37	14.863	2014	2019	2023	rBV	248964	414262	3.30%	0.353%
38	14.910	2023	2027	2032	rVB	237462	325830	2.60%	0.278%
39	14.957	2032	2035	2040	rBV4	38273	49323	0.39%	0.042%
40	15.028	2040	2047	2051	rBV2	304983	605464	4.83%	0.516%
41	15.104	2058	2060	2063	rVB	91300	87295	0.70%	0.074%
42	15.198	2069	2076	2085	rBV4	136085	391574	3.12%	0.334%
43	15.287	2085	2091	2096	rBV	1518846	2158340	17.22%	1.839%
44	15.328	2096	2098	2103	rVB4	83063	117561	0.94%	0.100%
45	15.416	2108	2113	2115	rBV2	329169	445595	3.55%	0.380%
46	15.451	2115	2119	2124	rVB2	762617	1035191	8.26%	0.882%
47	15.504	2124	2128	2131	rBV2	396543	587512	4.69%	0.501%
48	15.539	2131	2134	2137	rVB2	232177	265326	2.12%	0.226%
49	15.586	2138	2142	2144	rBV	139804	176674	1.41%	0.151%
50	15.663	2151	2155	2159	rBV6	110818	204045	1.63%	0.174%
51	15.734	2163	2167	2174	rVV4	189683	463354	3.70%	0.395%
52	15.804	2175	2179	2190	rVB5	166936	452605	3.61%	0.386%
53	15.892	2191	2194	2197	rBV4	112503	163671	1.31%	0.139%
54	15.928	2197	2200	2203	rVV2	114863	162352	1.30%	0.138%
55	15.992	2203	2211	2220	rVB3	388644	900613	7.18%	0.767%
56	16.086	2221	2227	2233	rBV4	266208	609137	4.86%	0.519%
57	16.292	2255	2262	2267	rBV2	499783	1001618	7.99%	0.854%
58	16.339	2267	2270	2274	rBV	481372	595871	4.75%	0.508%
59	16.445	2282	2288	2293	rVB2	403271	717615	5.72%	0.611%
60	16.498	2293	2297	2299	rBV	252611	349686	2.79%	0.298%
61	16.557	2303	2307	2311	rVB4	226843	420066	3.35%	0.358%
62	16.804	2345	2349	2357	rVB2	1008555	1576020	12.57%	1.343%
63	16.986	2375	2380	2383	rBV	2067966	2969410	23.69%	2.530%
64	17.028	2383	2387	2394	rVV	8822851	12535944	100.00%	10.682%
65	17.116	2398	2402	2407	rVB	626678	835229	6.66%	0.712%
66	17.175	2408	2412	2417	rBV4	222637	464220	3.70%	0.396%
67	17.563	2474	2478	2489	rVB	822564	1368023	10.91%	1.166%
68	17.710	2498	2503	2509	rBV2	561587	1060878	8.46%	0.904%
69	17.863	2524	2529	2533	rBV	2110575	3168937	25.28%	2.700%
70	17.910	2533	2537	2544	rVB	2682294	3658706	29.19%	3.118%
71	18.051	2556	2561	2565	rBV2	2633249	4315954	34.43%	3.678%

LSC Area Percent Report

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Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

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-BN101720.M
Title : SVOA CALIBRATION

72	18.092	2565	2568	2575	rVB	1676293	2241701	17.88%	1.910%
73	18.263	2594	2597	2600	rVB	299237	349435	2.79%	0.298%
74	18.363	2610	2614	2618	rBV2	1031343	1456944	11.62%	1.241%
75	18.492	2633	2636	2640	rBV	356440	434215	3.46%	0.370%
76	18.586	2649	2652	2654	rBV	311208	422780	3.37%	0.360%
77	18.616	2654	2657	2660	rVB	594460	686202	5.47%	0.585%
78	18.663	2662	2665	2669	rVV2	471360	579436	4.62%	0.494%
79	18.786	2682	2686	2691	rBV	1419842	2187827	17.45%	1.864%
80	18.845	2691	2696	2700	rVV4	603225	1244604	9.93%	1.061%
81	18.927	2706	2710	2717	rBV3	410157	1129765	9.01%	0.963%
82	19.051	2726	2731	2738	rBV	5373897	6716152	53.58%	5.723%
83	19.122	2739	2743	2746	rBV2	396160	567513	4.53%	0.484%
84	19.157	2746	2749	2753	rVV4	252497	338942	2.70%	0.289%
85	19.416	2785	2793	2802	rBV2	2997561	5655417	45.11%	4.819%
86	19.498	2803	2807	2812	rVB3	511575	842661	6.72%	0.718%
87	19.586	2820	2822	2830	rVB3	289375	414542	3.31%	0.353%
88	19.745	2845	2849	2859	rVB4	649762	1318521	10.52%	1.124%
89	19.916	2874	2878	2882	rVB	1656705	2185930	17.44%	1.863%
90	20.016	2891	2895	2899	rBV	1461224	1763179	14.06%	1.502%
91	20.739	3015	3018	3023	rVB4	861931	1061070	8.46%	0.904%
92	20.833	3031	3034	3037	rVB	640918	700765	5.59%	0.597%
93	20.874	3037	3041	3045	rBV2	1029727	1510874	12.05%	1.287%
94	21.039	3066	3069	3072	rBV	786311	859879	6.86%	0.733%
95	21.098	3076	3079	3085	rVV	1689660	1980959	15.80%	1.688%
96	21.180	3087	3093	3097	rVV2	2603731	5234751	41.76%	4.461%
97	21.221	3097	3100	3107	rVB	2295411	2983288	23.80%	2.542%
98	21.774	3191	3194	3198	rVB	573846	631685	5.04%	0.538%
99	22.710	3350	3353	3359	rBV	408198	575627	4.59%	0.491%
100	23.363	3458	3464	3470	rVB	1498824	2728738	21.77%	2.325%

Sum of corrected areas: 117354010

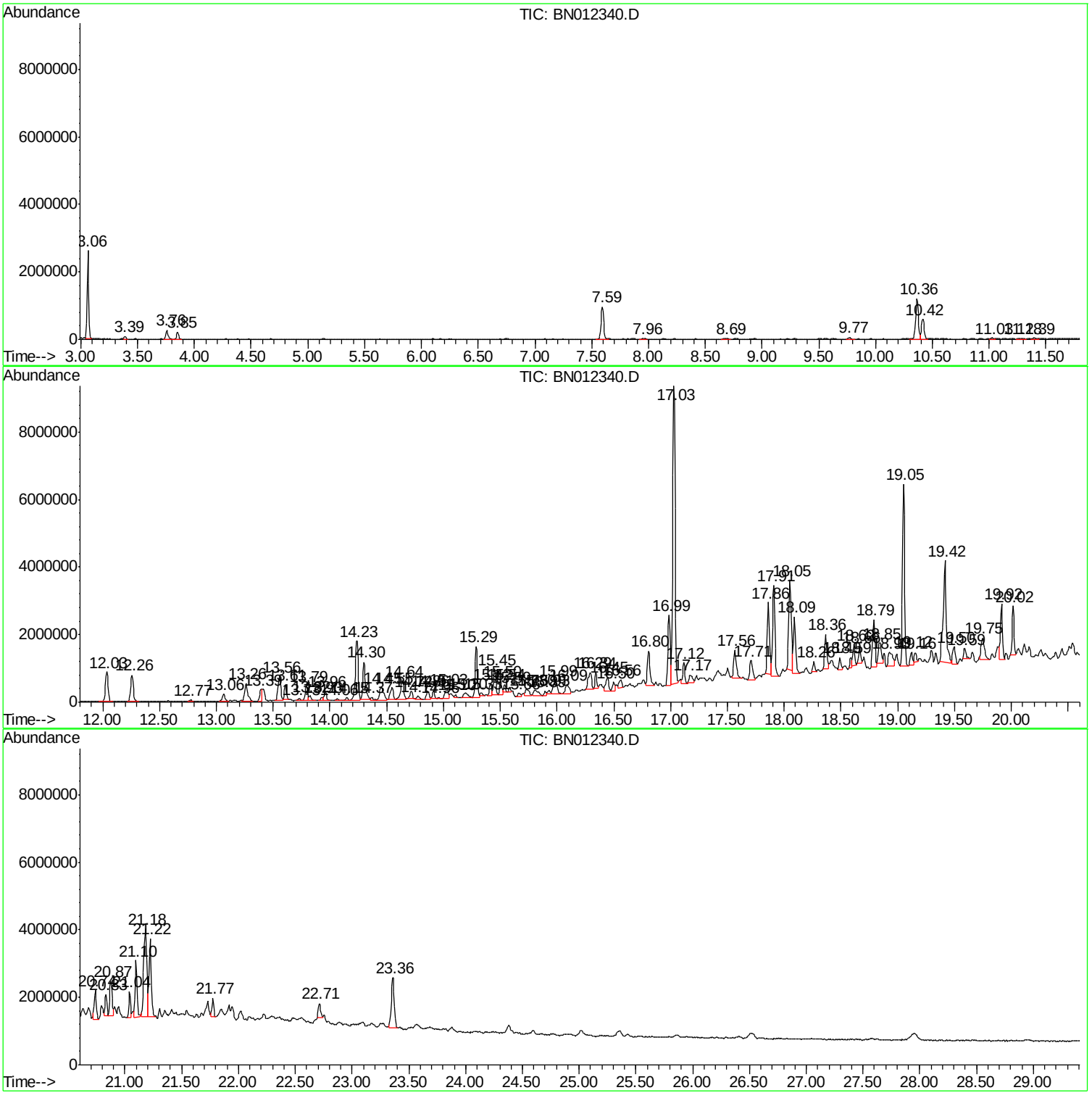
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012340.D
Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.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\BN101720\
Data File : BN012340.D
Acq On : 18 Oct 2020 21:24
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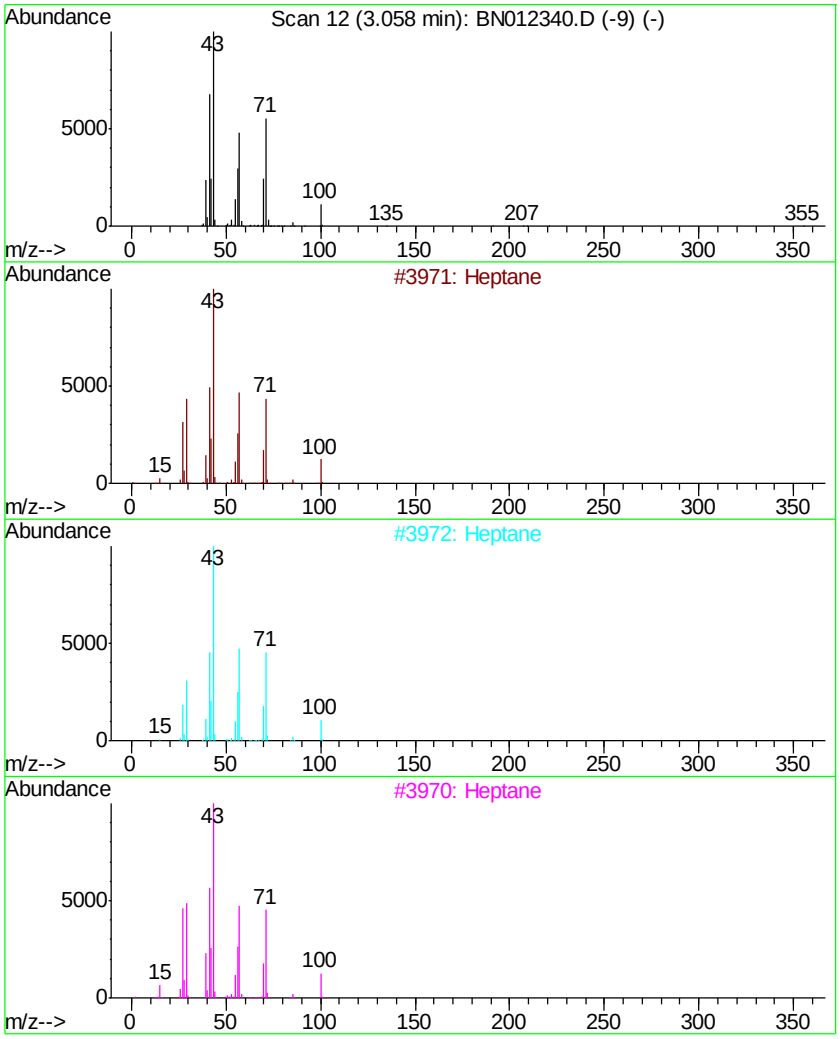
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

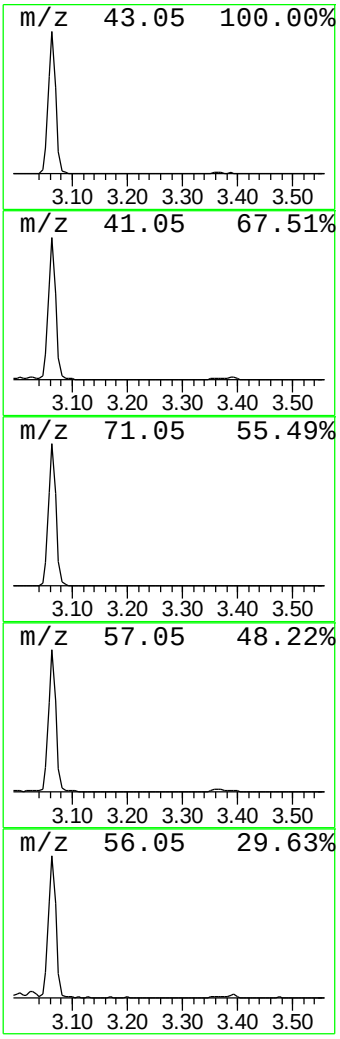
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	32.05 ng/ul	2418790	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	87
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012340.D
Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

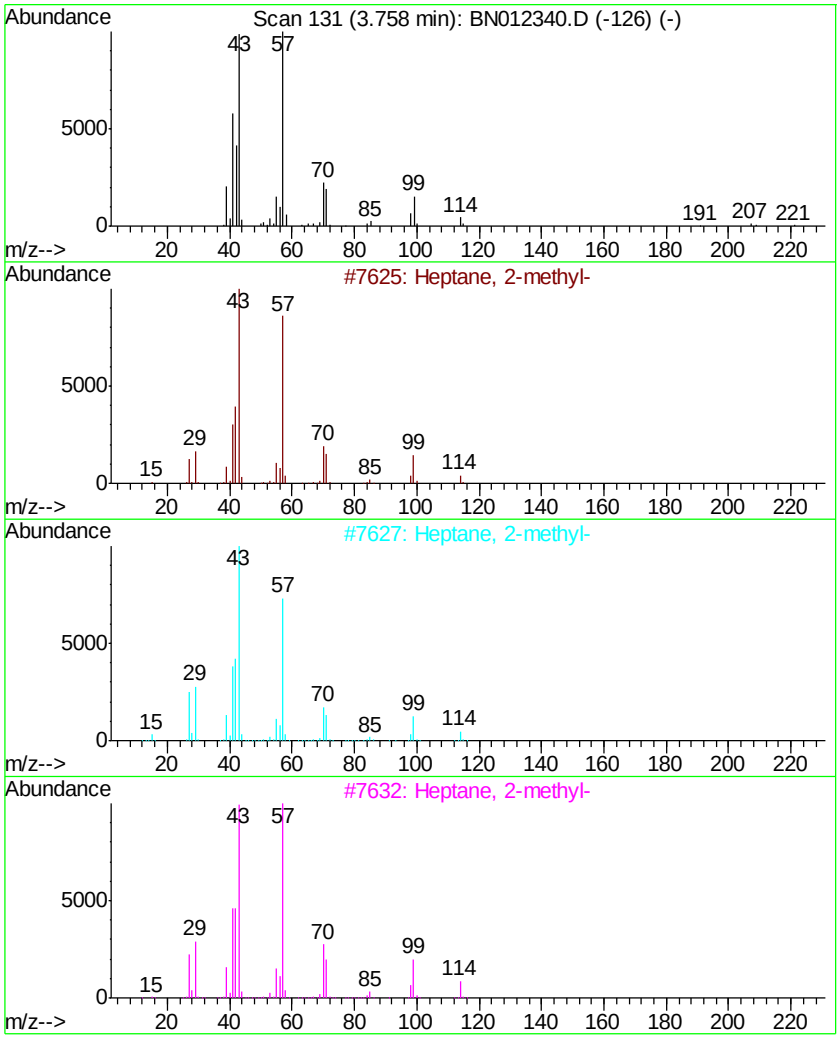
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

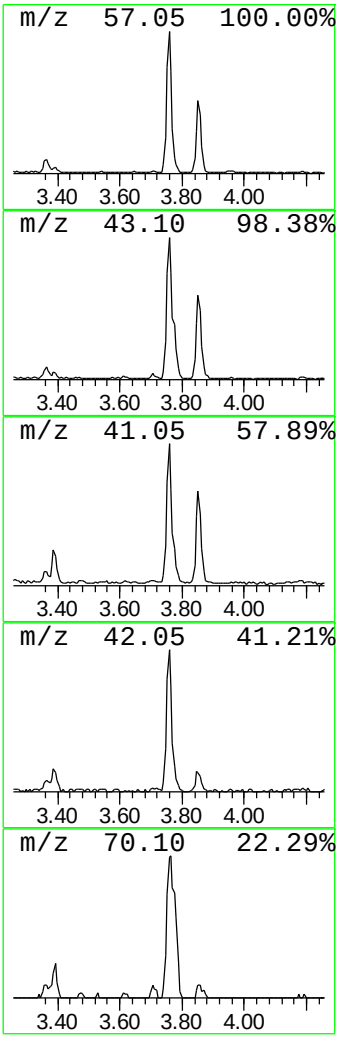
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	4.87 ng/ul	367706	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	95
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012340.D
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Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

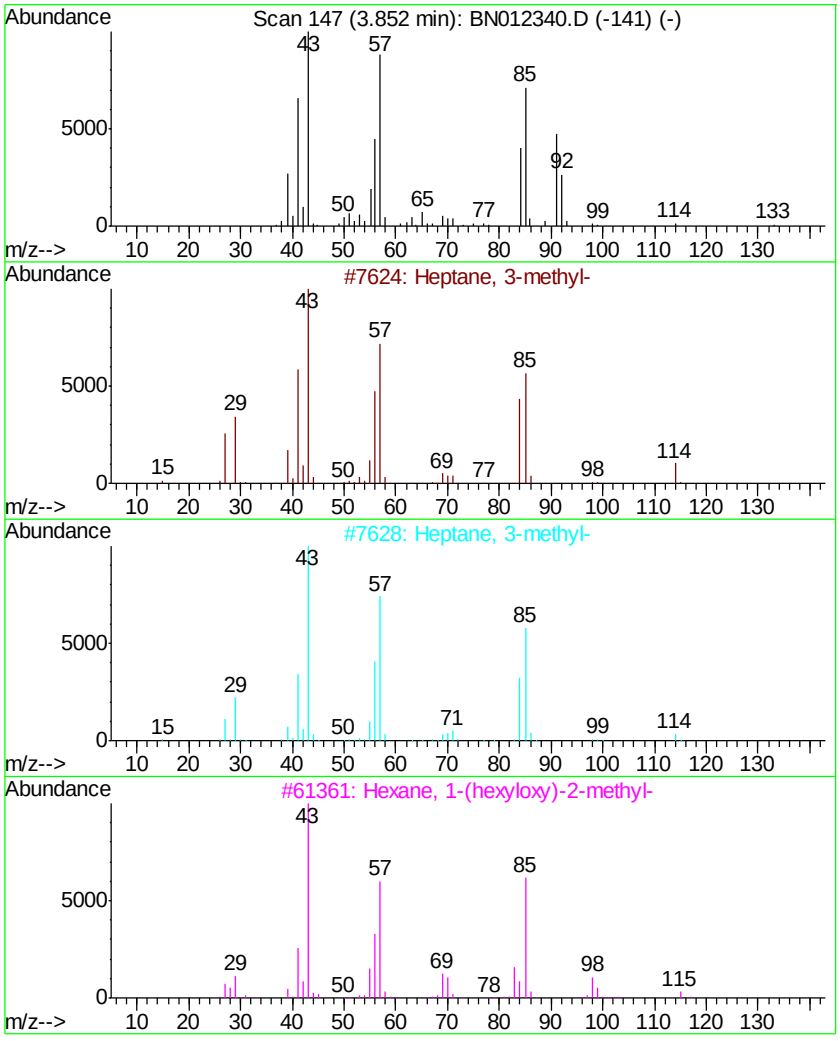
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

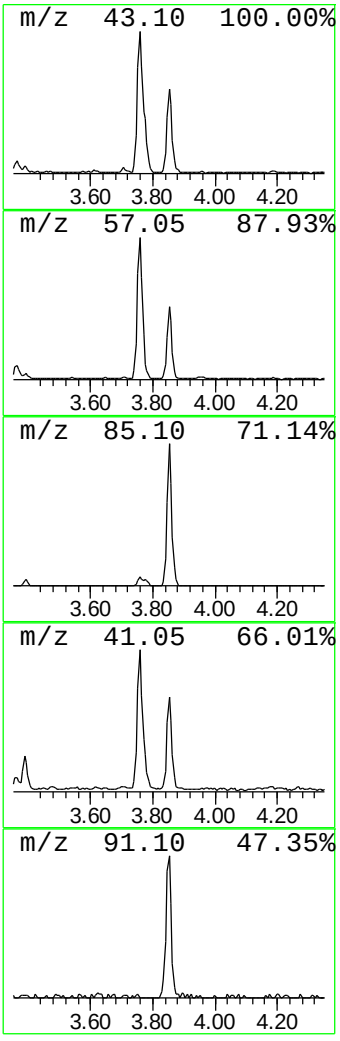
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.85	3.42 ng/ul	257833	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	81
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	53
3	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	50
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	50
5	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012340.D
Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

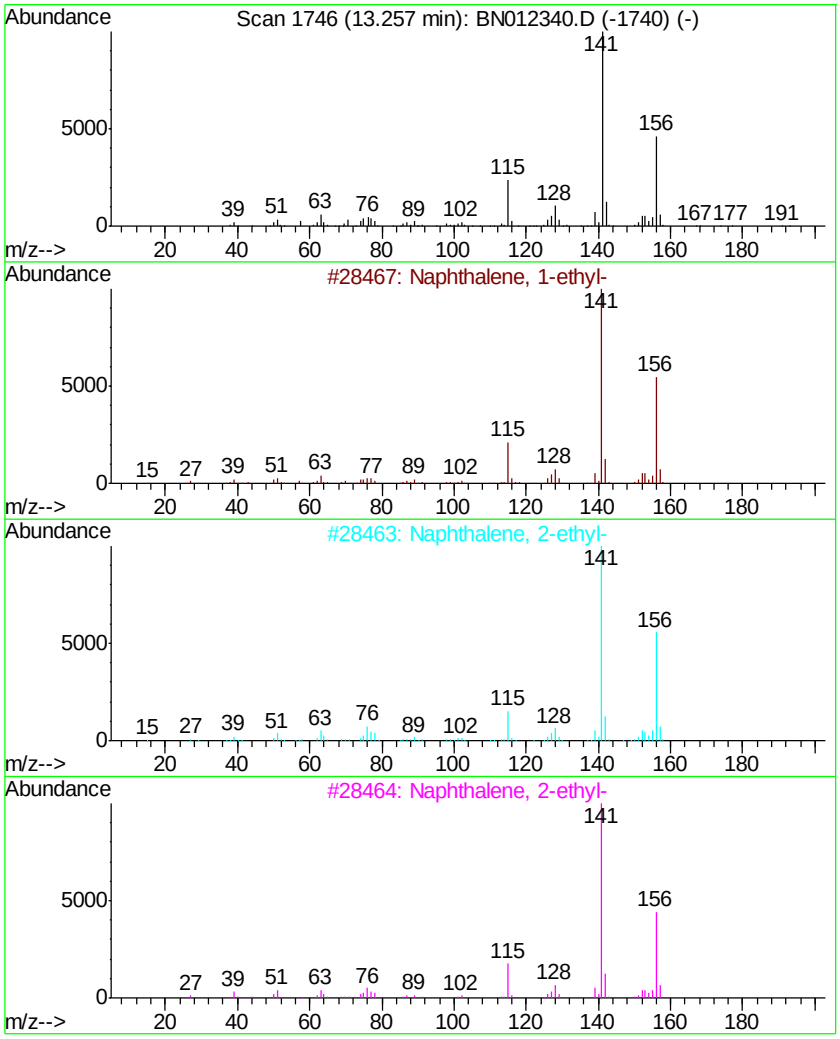
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

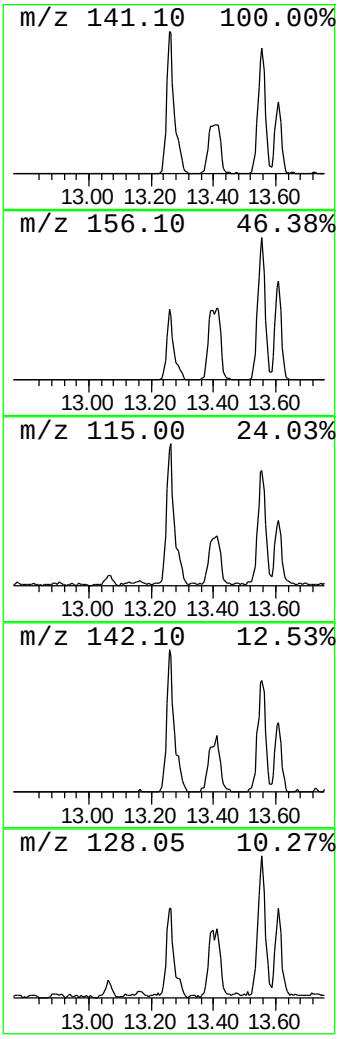
****

Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	6.43 ng/ul	957067	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012340.D
Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

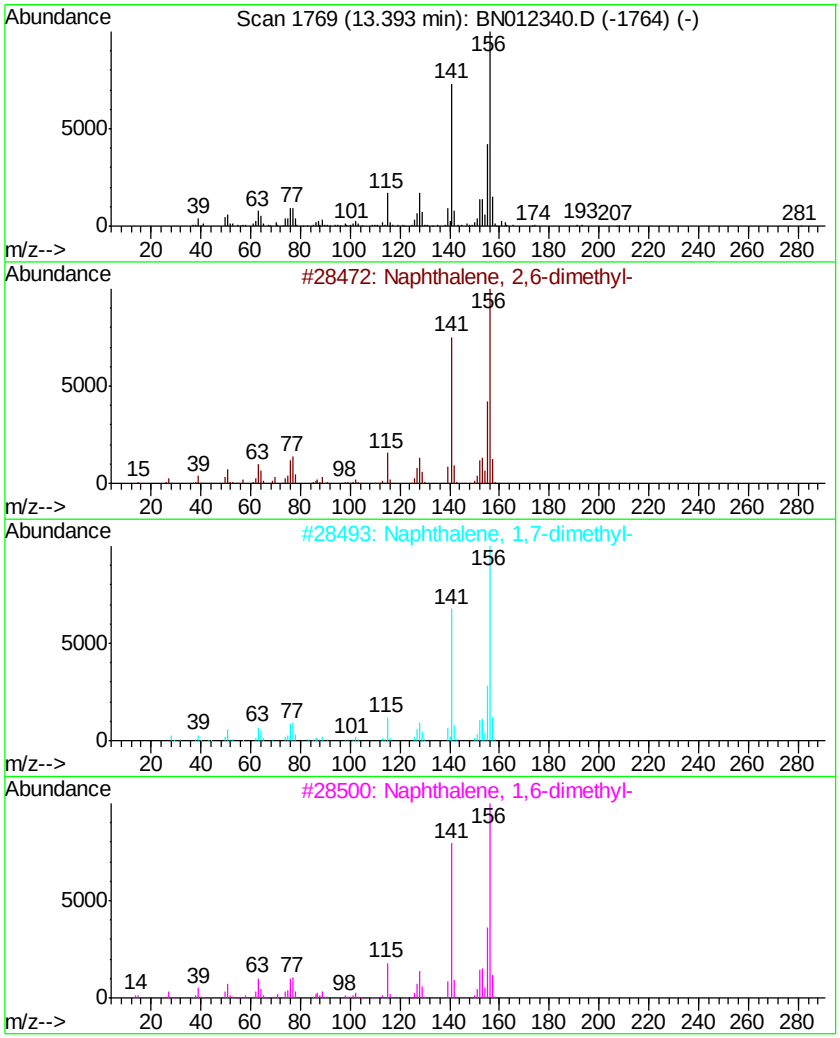
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

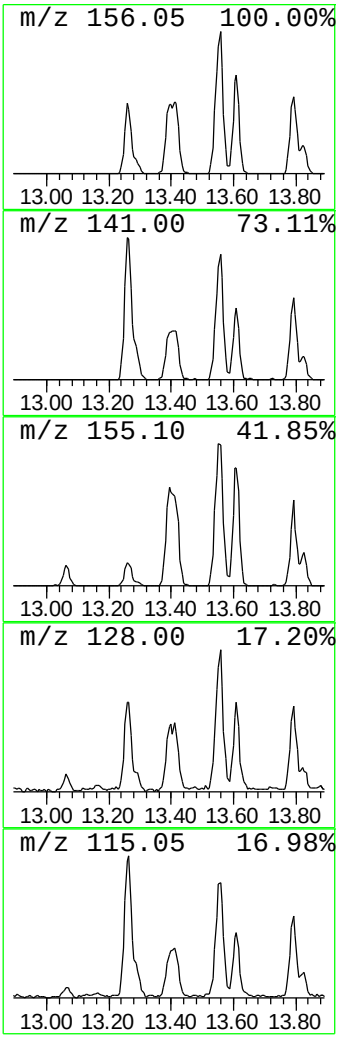
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.94 ng/ul	437324	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, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

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

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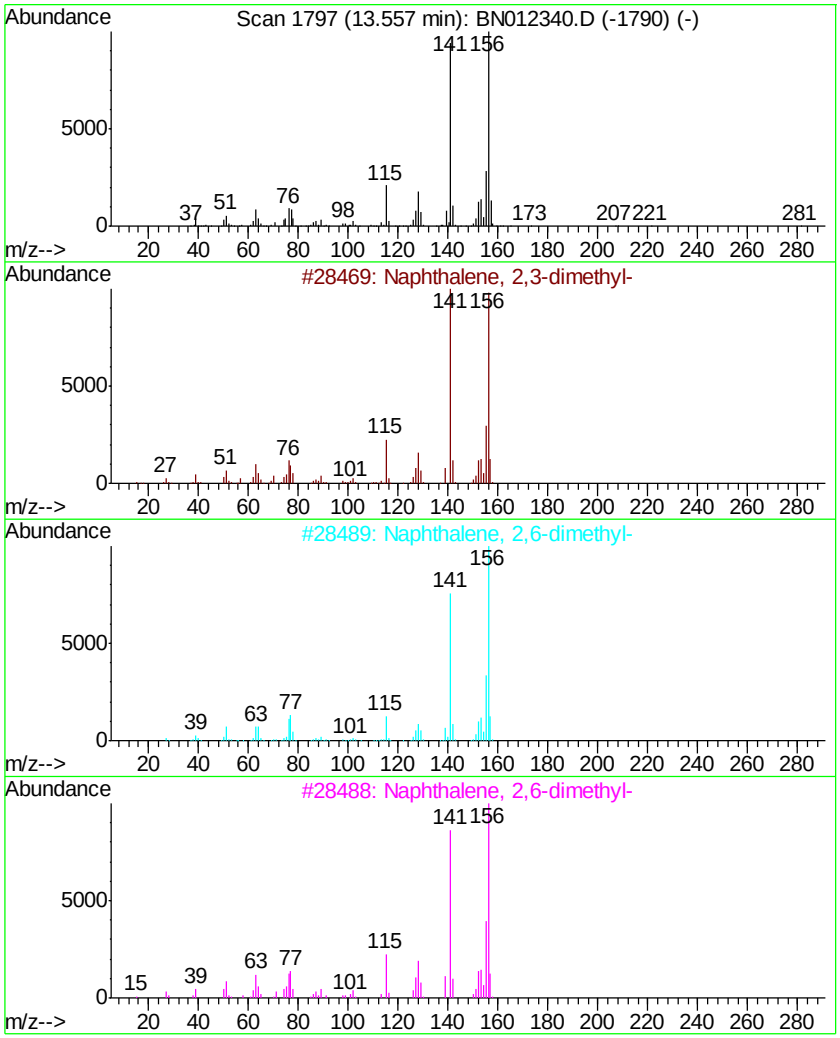
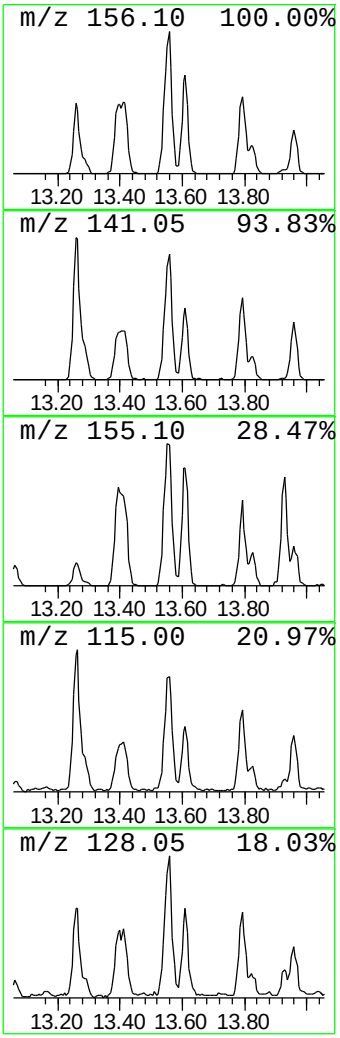
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	8.26 ng/ul	1229530	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Library Search Compound Report

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Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
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Instrument : BNA_N
ClientSampleId : BEQD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

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

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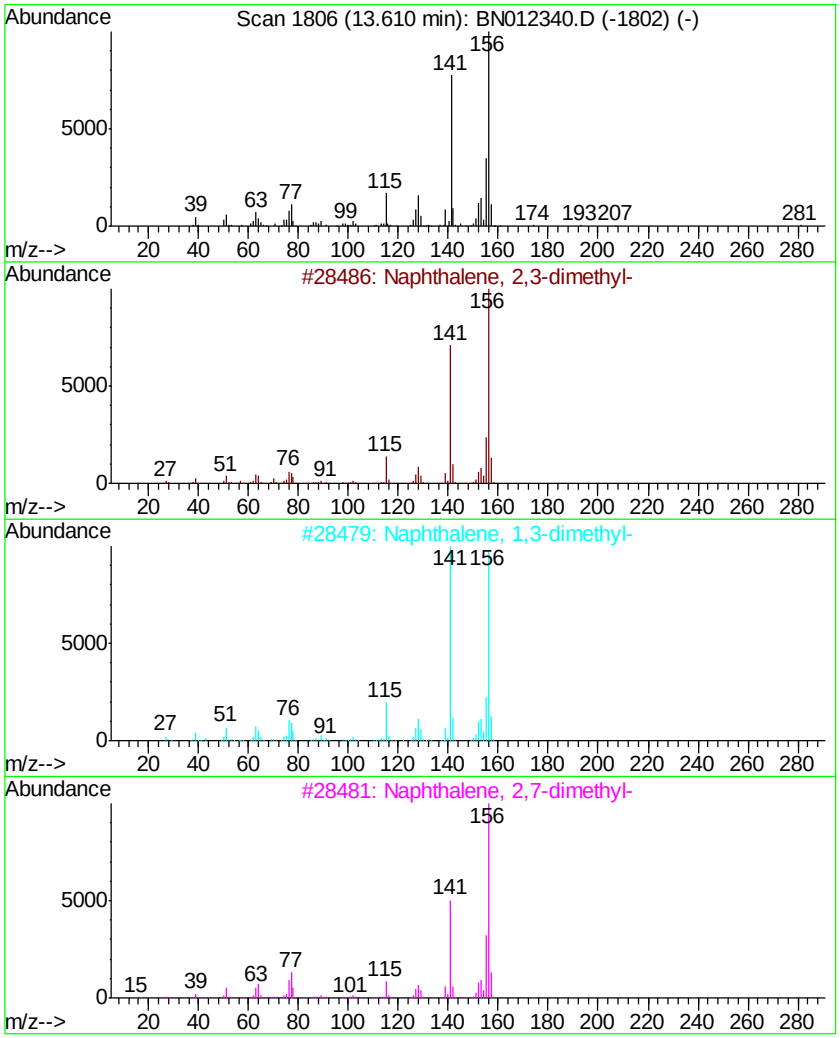
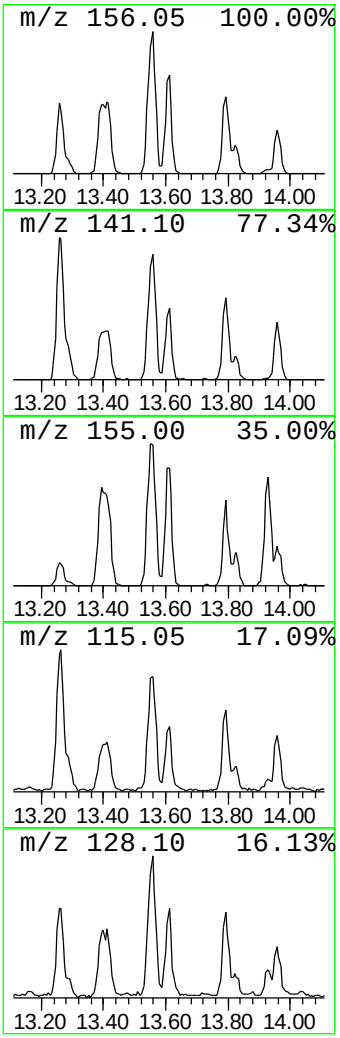
Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	3.83 ng/ul	570667	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

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

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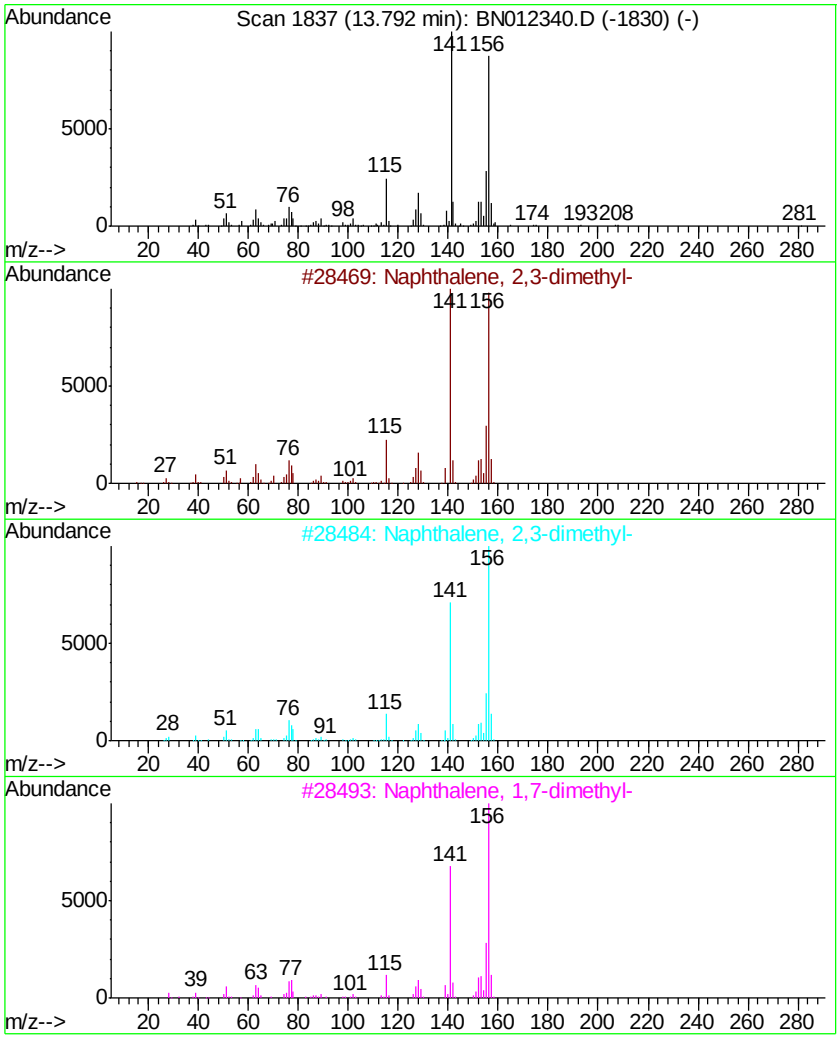
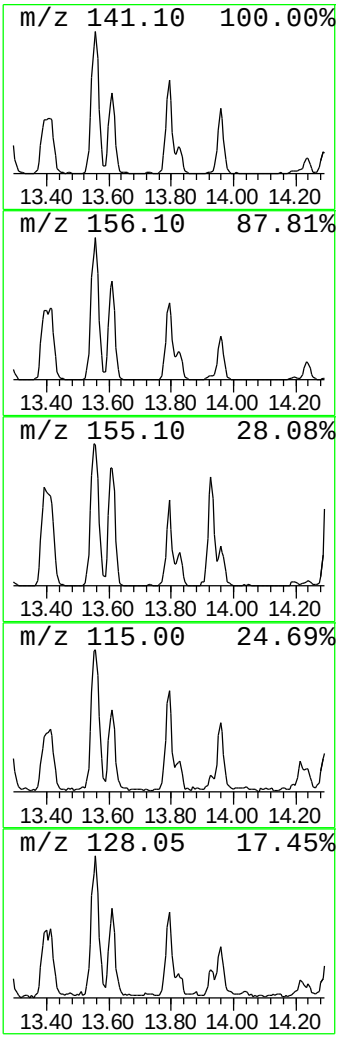
Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	4.32 ng/ul	643517	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

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Quant Title : SVOA CALIBRATION

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

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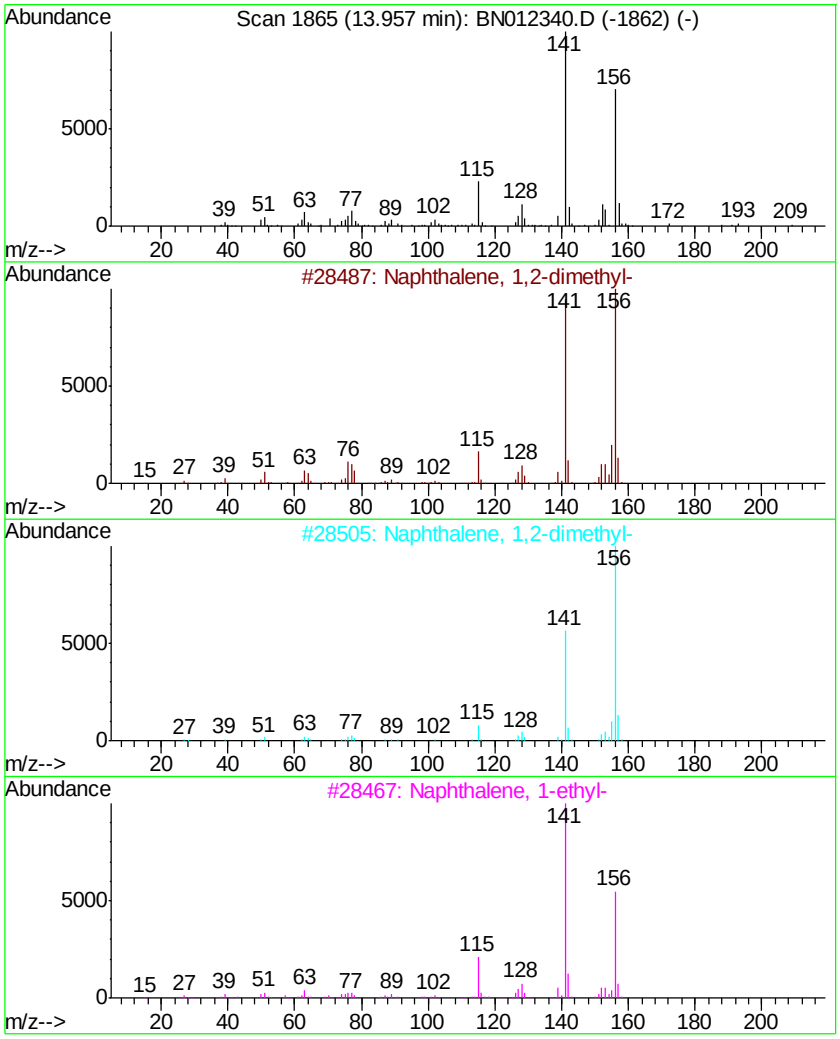
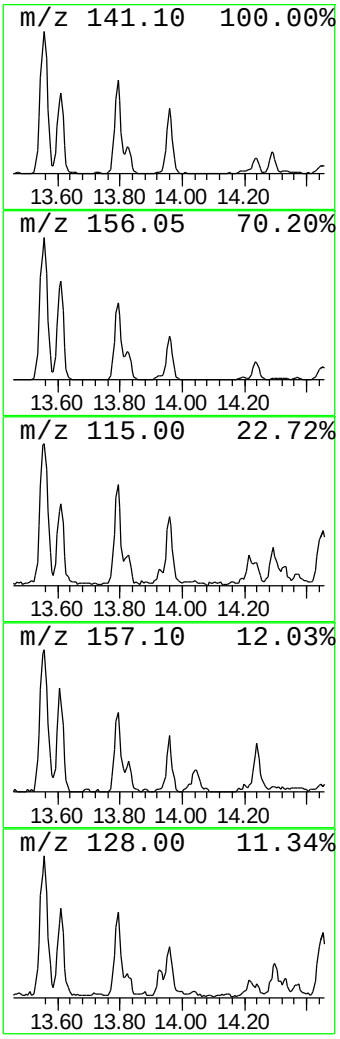
Peak Number 9 Naphthalene, 1,2-dimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	2.60 ng/ul	386260	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	90
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	87
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87





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Acq On : 18 Oct 2020 21:24
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Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

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Quant Title : SVOA CALIBRATION

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

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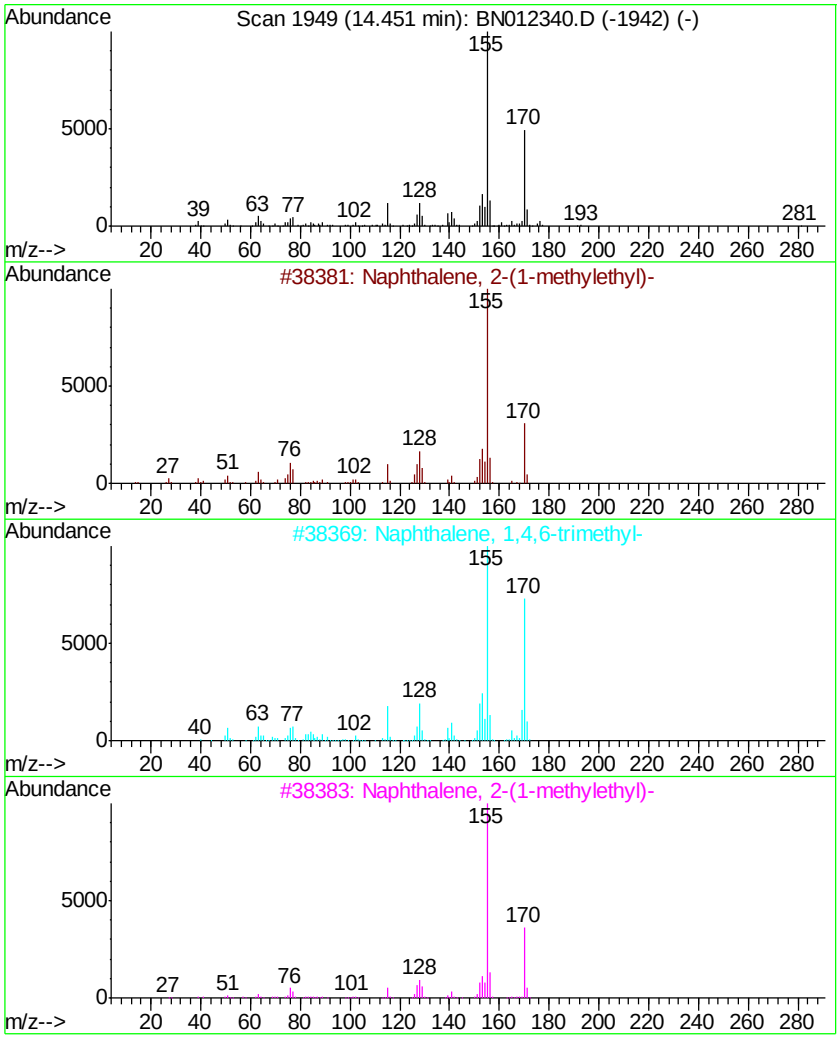
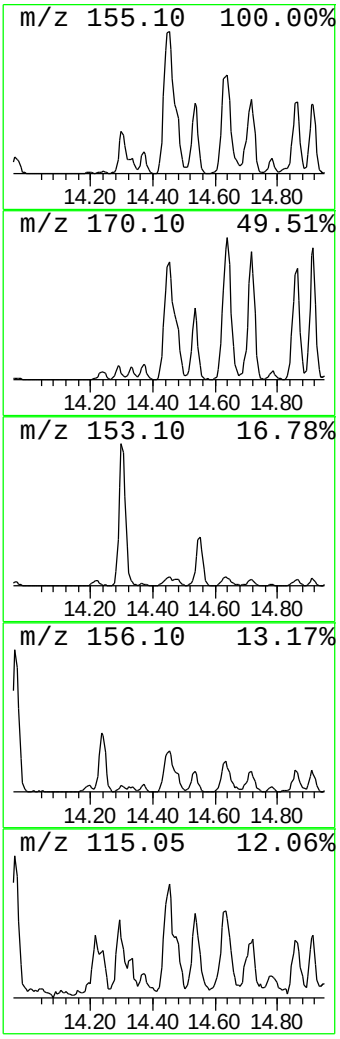
Peak Number 10 Naphthalene, 2-(1-methyleth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	6.11 ng/ul	909481	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	89





Library Search Compound Report

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Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

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Quant Title : SVOA CALIBRATION

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

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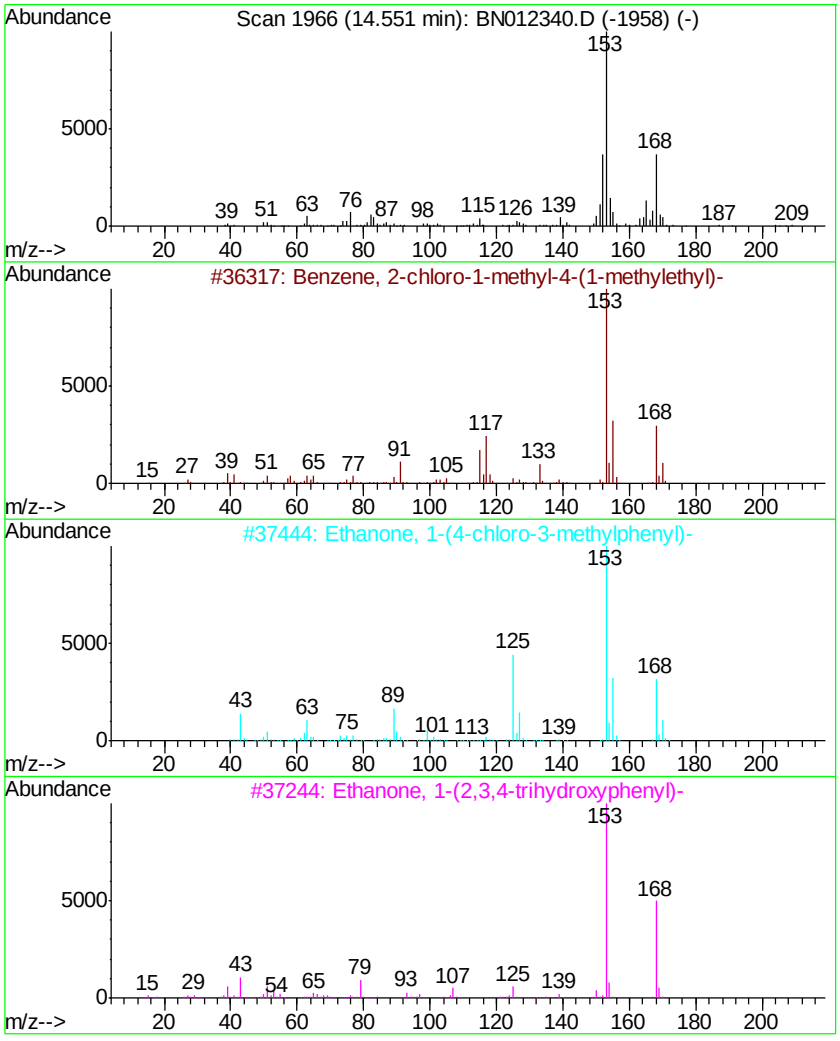
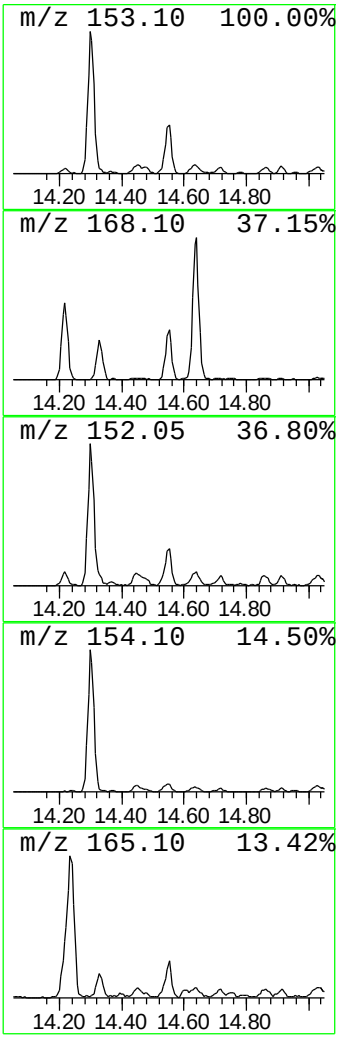
Peak Number 11 Benzene, 2-chloro-1-methyl-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	4.63 ng/ul	689576	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-chloro-1-methyl-4-(1-...	168	C10H13Cl	004395-79-3	59
2	Ethanone, 1-(4-chloro-3-methylph...	168	C9H9ClO	037074-39-8	58
3	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47
4	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	45
5	2-Fluoro-4-methoxyacetophenone	168	C9H9FO2	074457-86-6	43





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Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

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Quant Title : SVOA CALIBRATION

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

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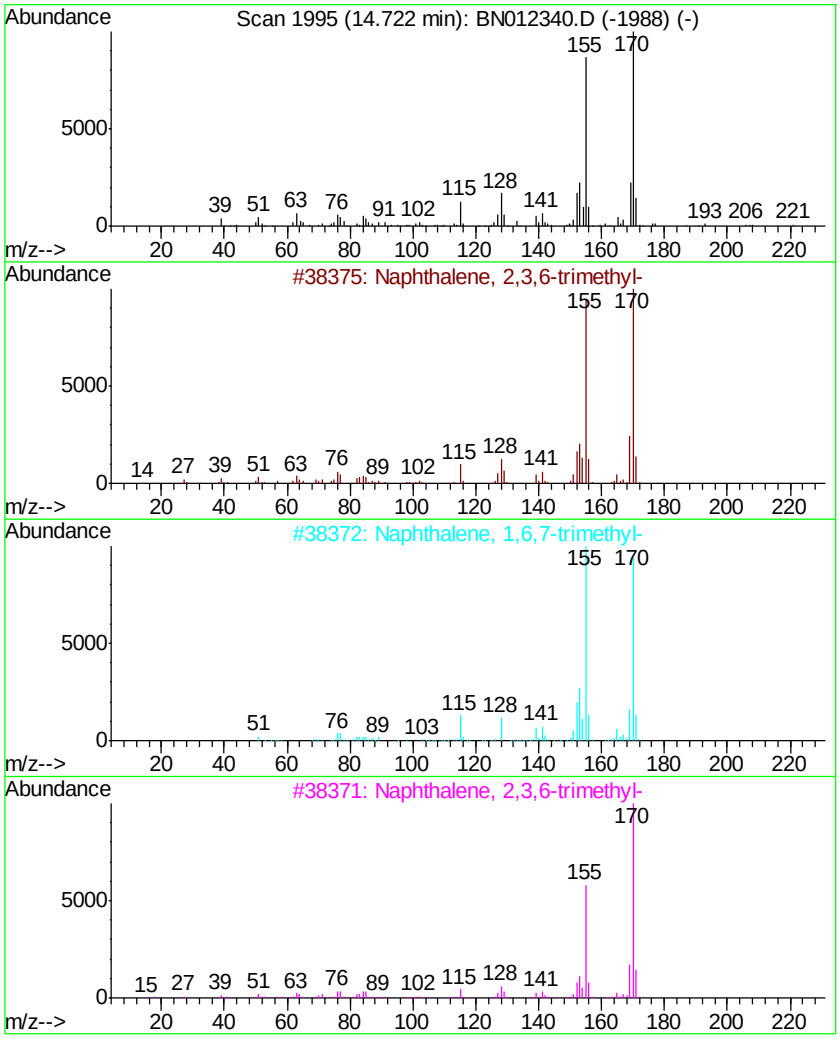
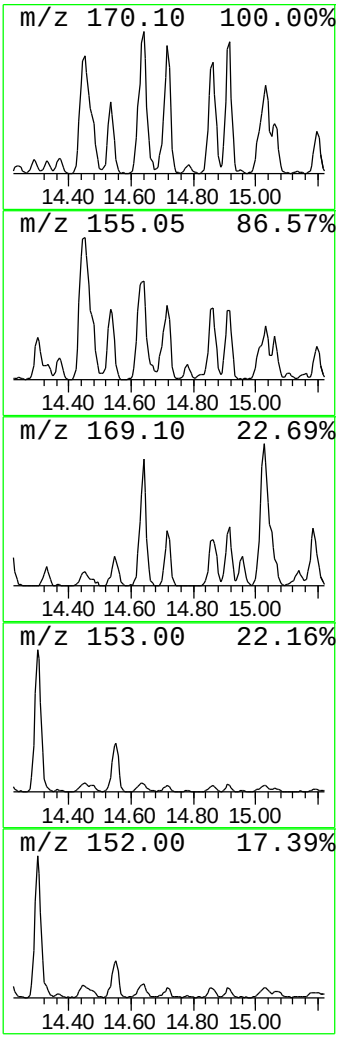
Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.30 ng/ul	342701	Acenaphthene-d10	14.24

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, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96





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Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

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Quant Title : SVOA CALIBRATION

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

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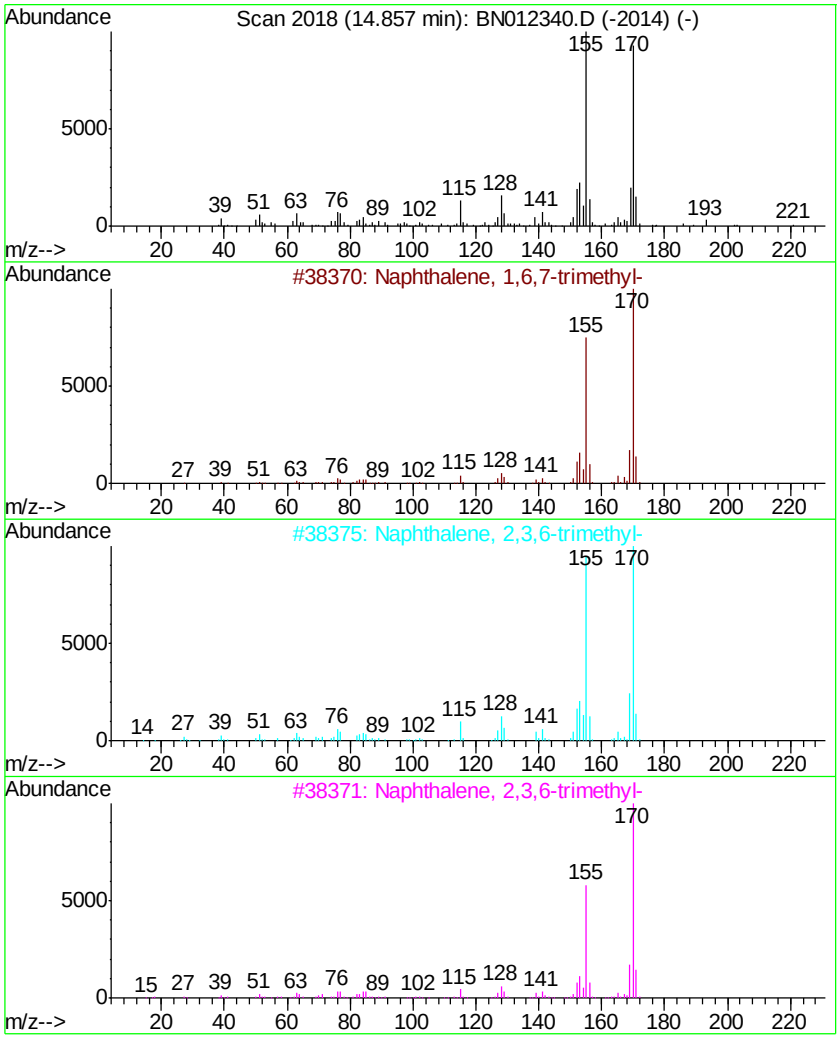
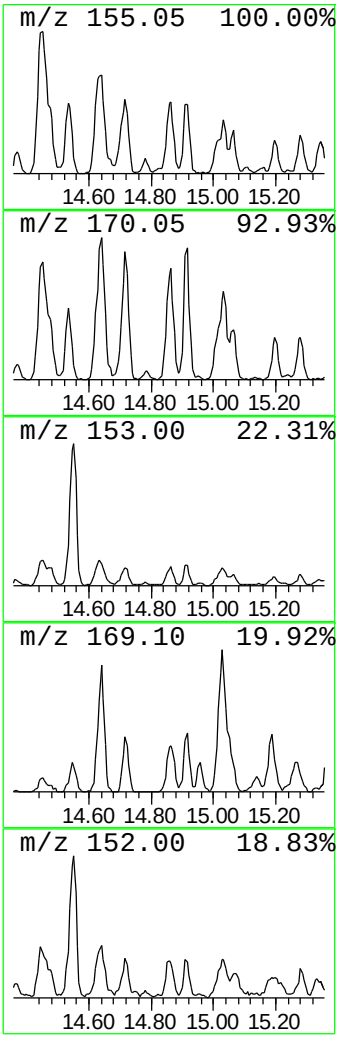
Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.78 ng/ul	414262	Acenaphthene-d10	14.24

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





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Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

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Quant Title : SVOA CALIBRATION

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

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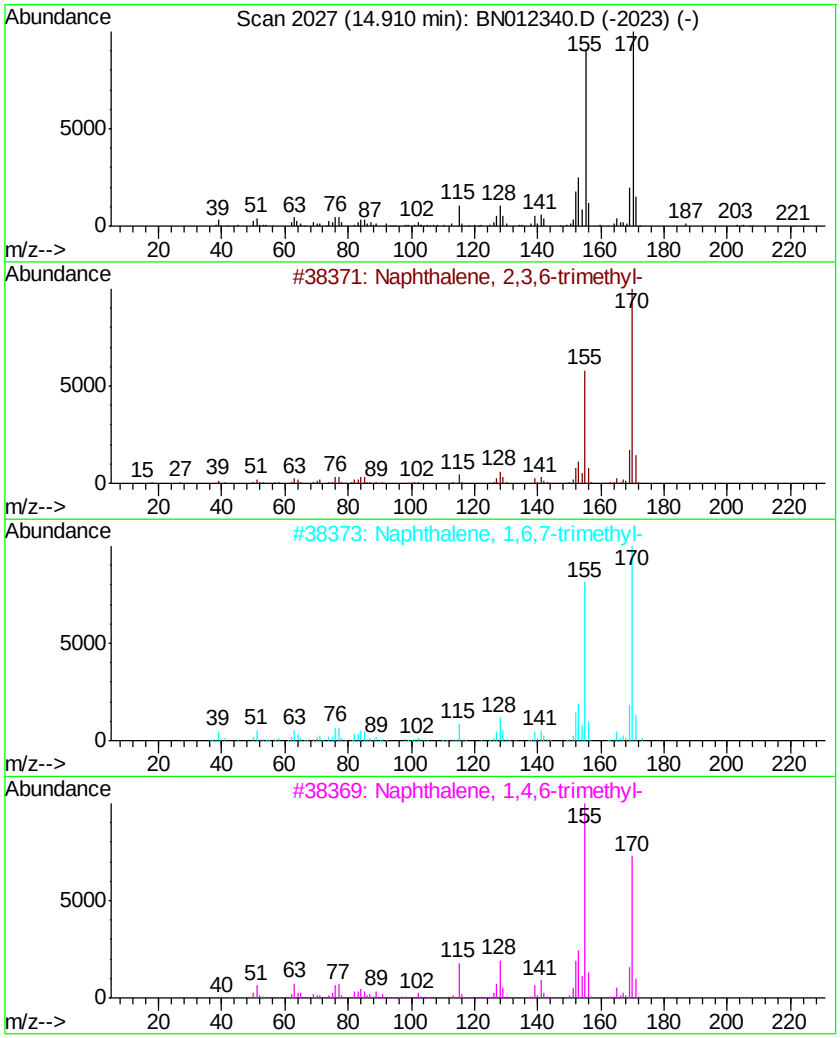
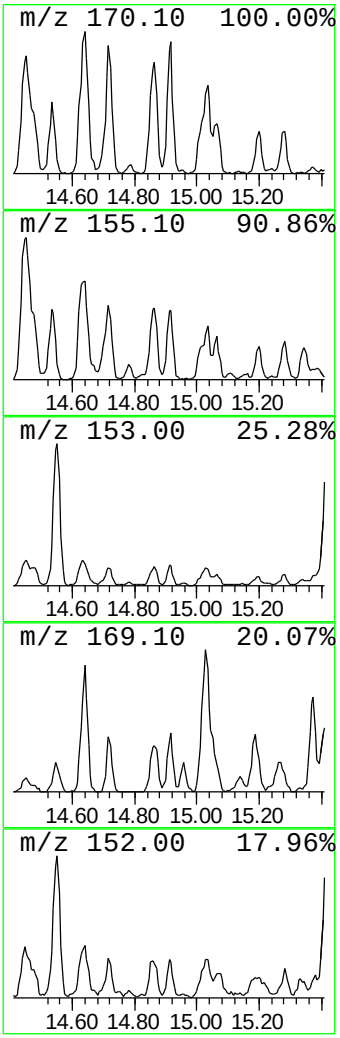
Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	2.19 ng/ul	325830	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
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, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





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Operator : CG/JU
Sample : L4285-13
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ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

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Quant Title : SVOA CALIBRATION

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

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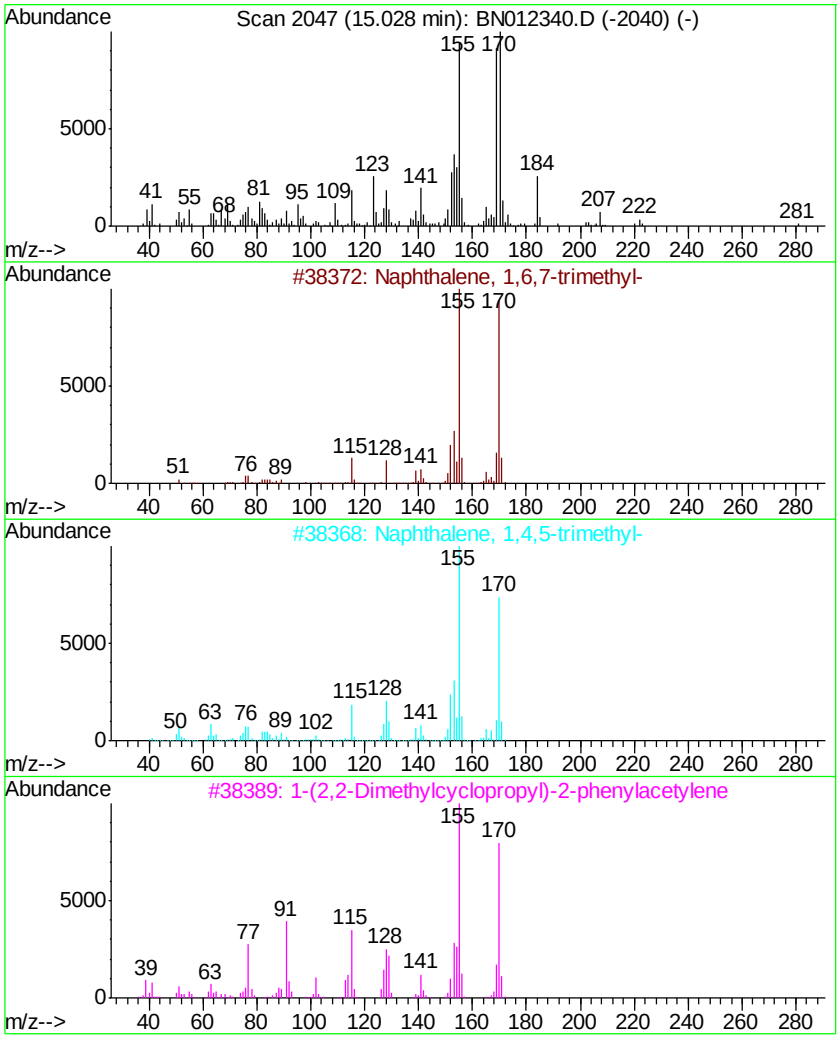
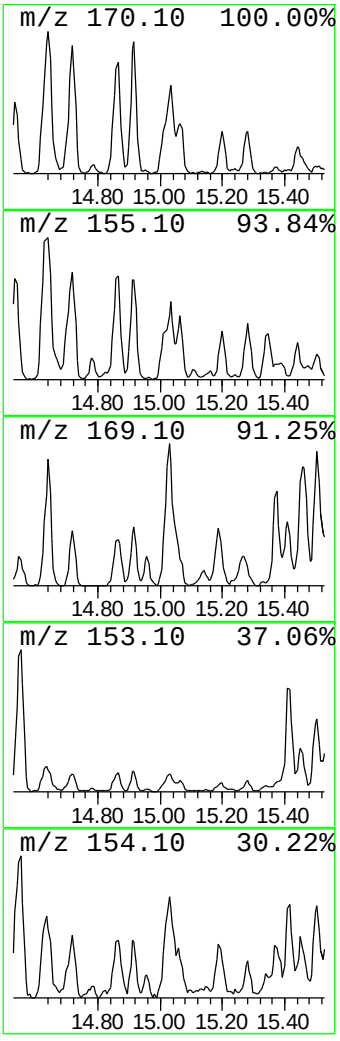
Peak Number 15 Naphthalene, 1,4,5-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	4.07 ng/ul	605464	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
3	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	64
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	60
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	60





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ClientSampleId : BEQD9

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Quant Title : SVOA CALIBRATION

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

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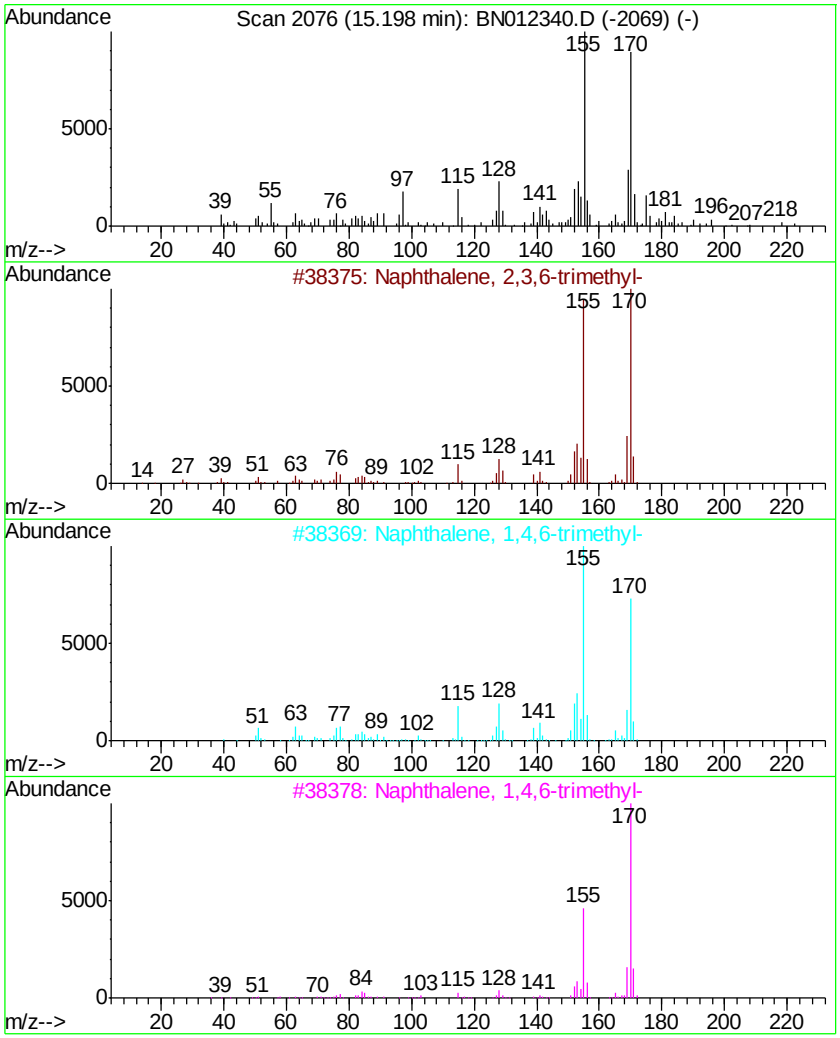
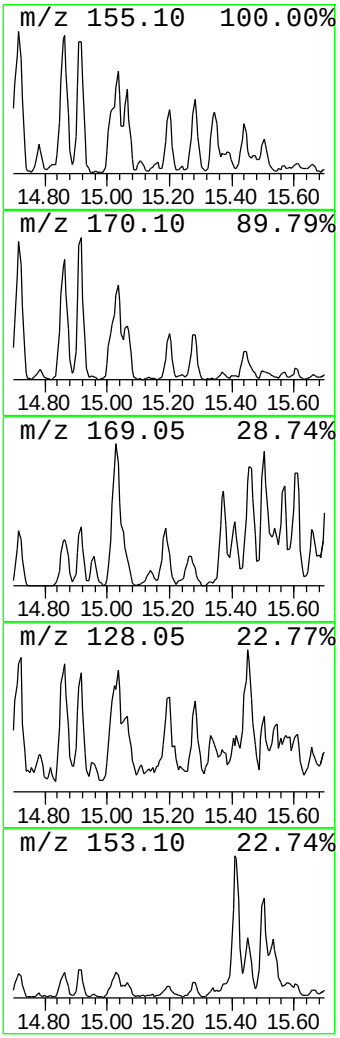
Peak Number 16 unknown-01 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	2.63 ng/ul	391574	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93





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Data File : BN012340.D
Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

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Quant Title : SVOA CALIBRATION

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

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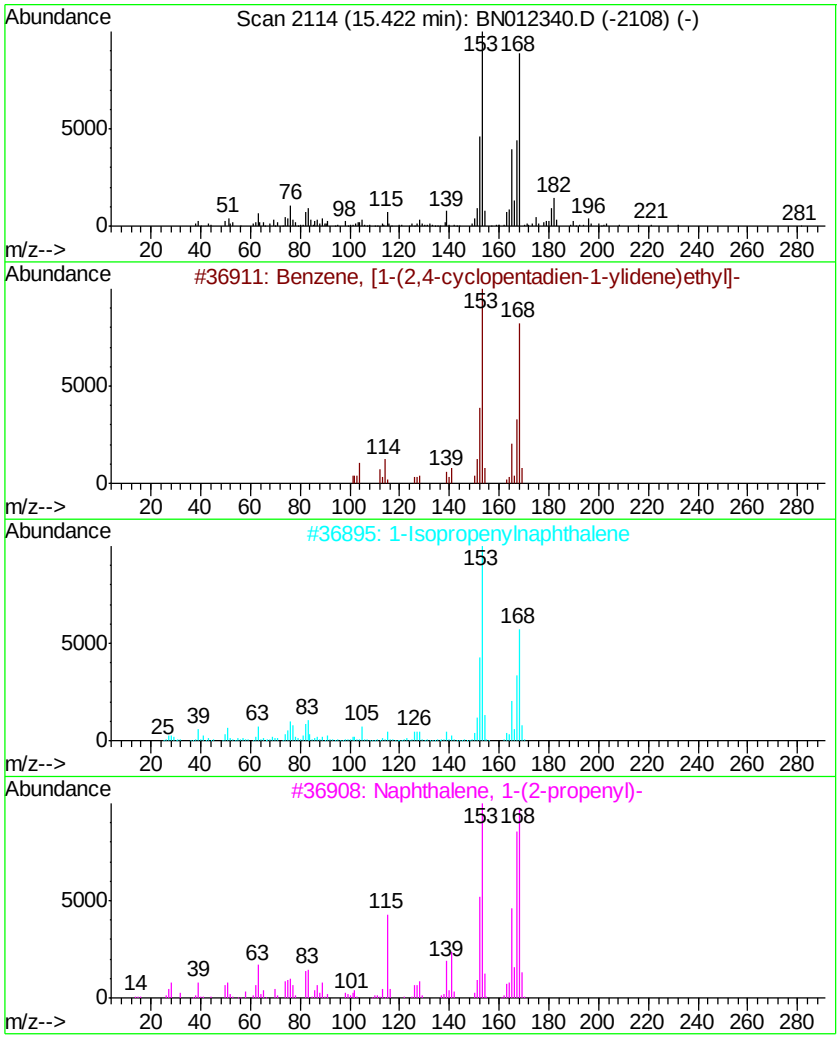
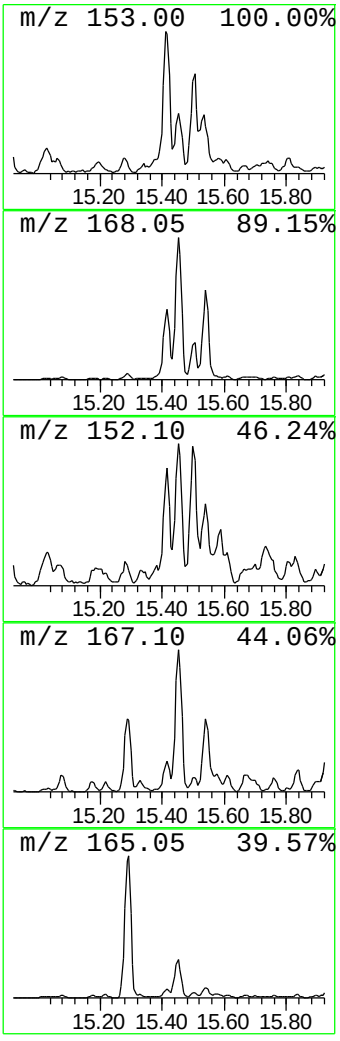
Peak Number 17 Benzene, [1-(2,4-cyclopenta... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	2.99 ng/ul	445595	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	59
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	43
5	3-Hydroxy-4-methoxybenzoic acid	168	C8H8O4	000645-08-9	43





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Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

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

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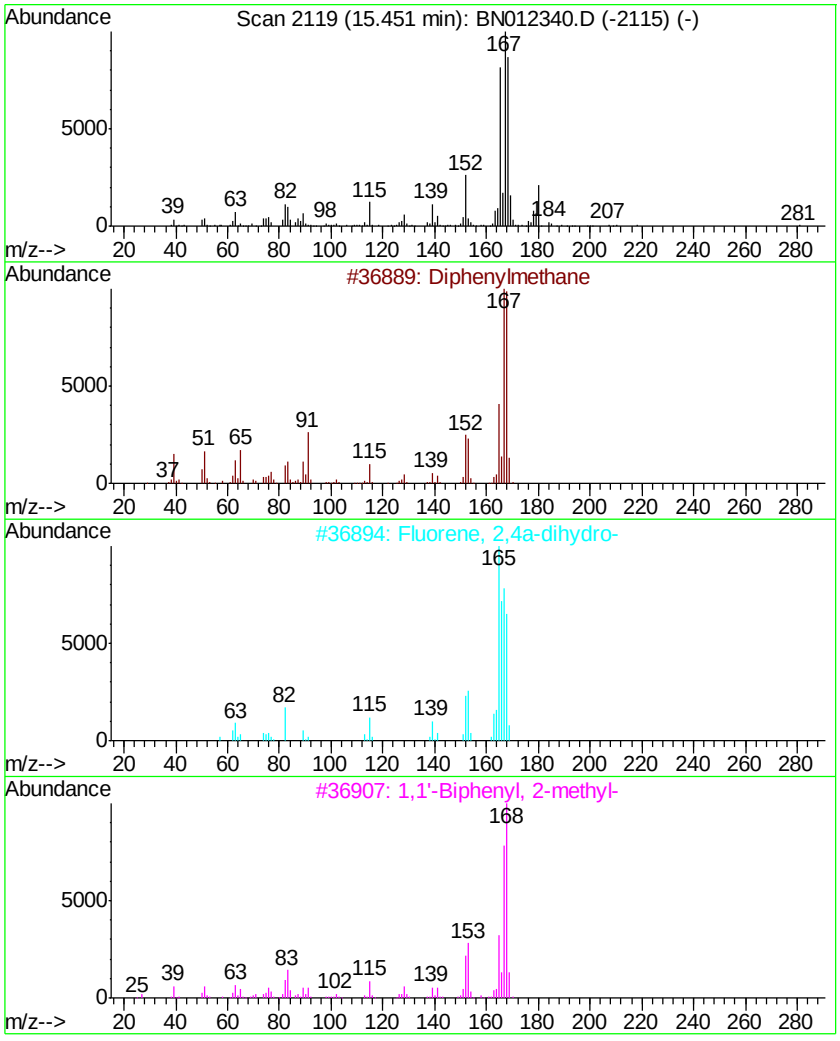
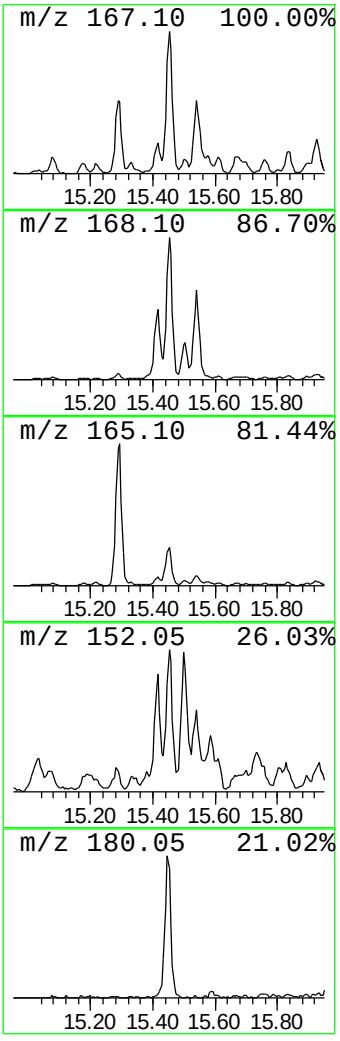
Peak Number 18 Diphenylmethane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	6.95 ng/ul	1035190	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	83
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	78
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
4	Diphenylmethane	168	C13H12	000101-81-5	64
5	Nordiphenamid	225	C15H15NO	000954-21-2	64





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Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

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Quant Title : SVOA CALIBRATION

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

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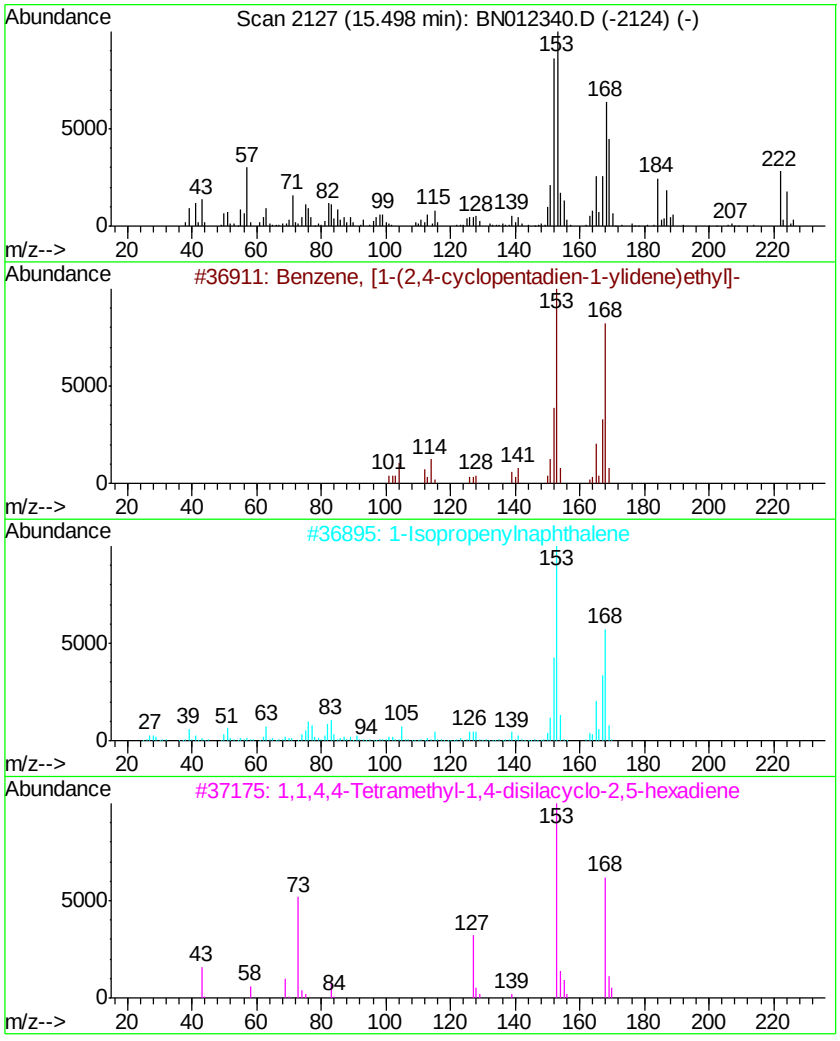
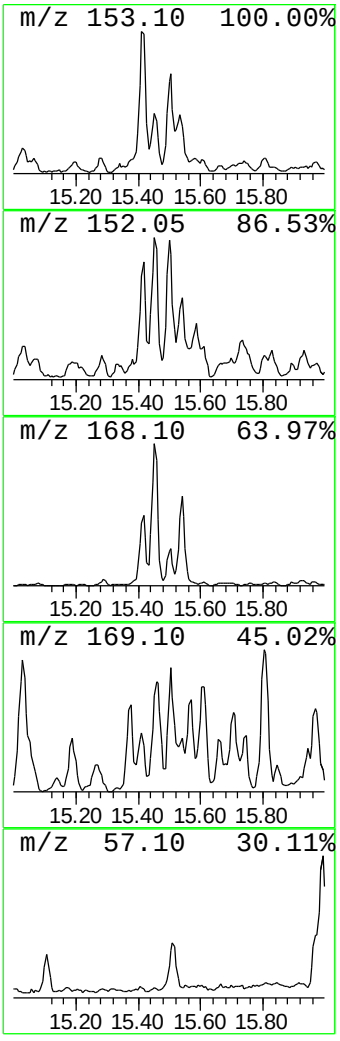
Peak Number 19 unknown-02 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	3.95 ng/ul	587512	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	46
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	45
3	1,1,4,4-Tetramethyl-1,4-disilacy...	168	C8H16Si2	020627-53-6	38
4	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	35
5	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	35





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Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

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

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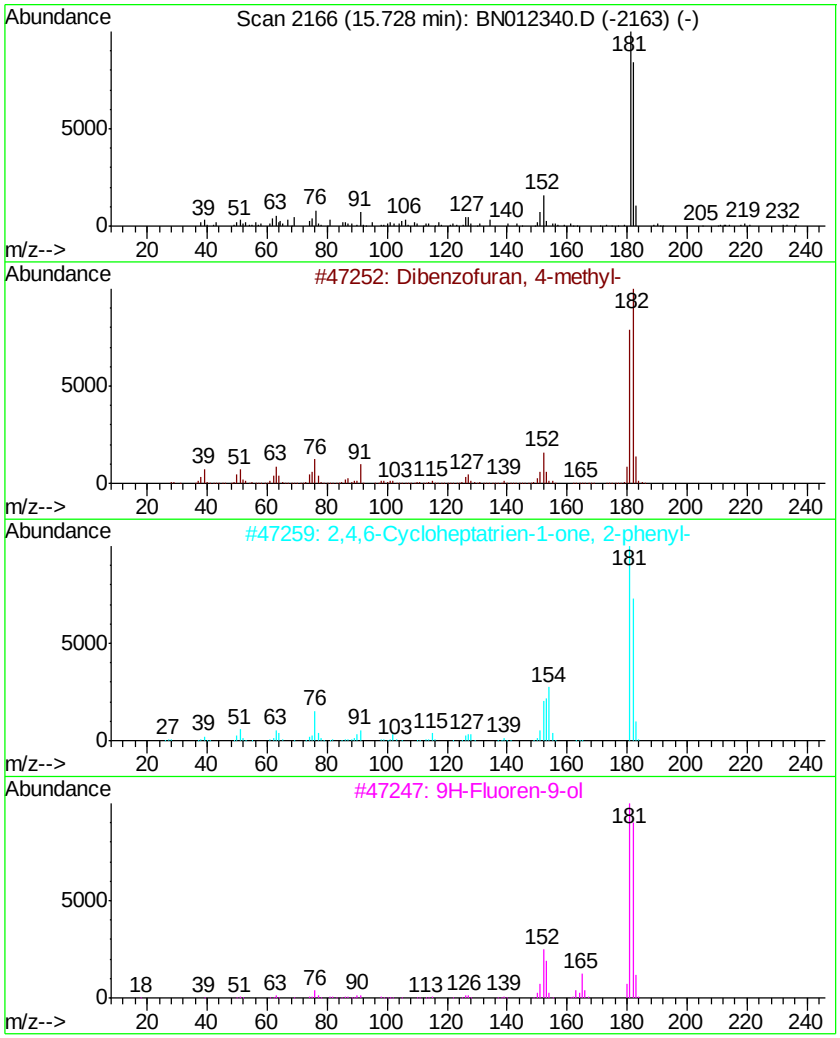
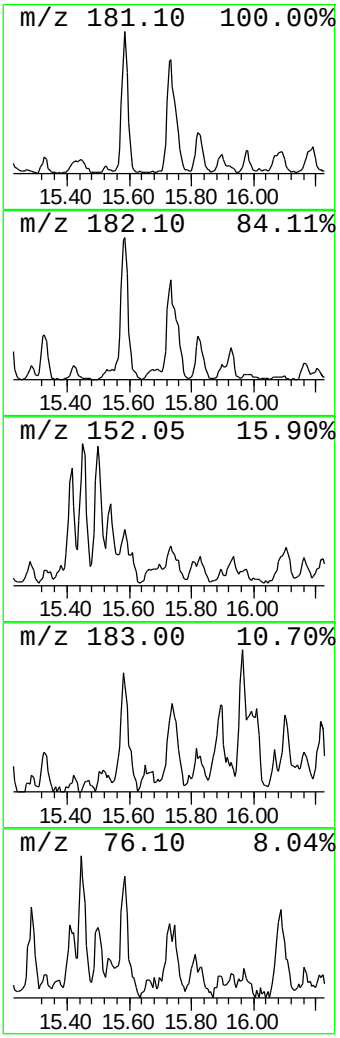
Peak Number 20 Dibenzofuran, 4-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	3.12 ng/ul	463354	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72





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Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

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Quant Title : SVOA CALIBRATION

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

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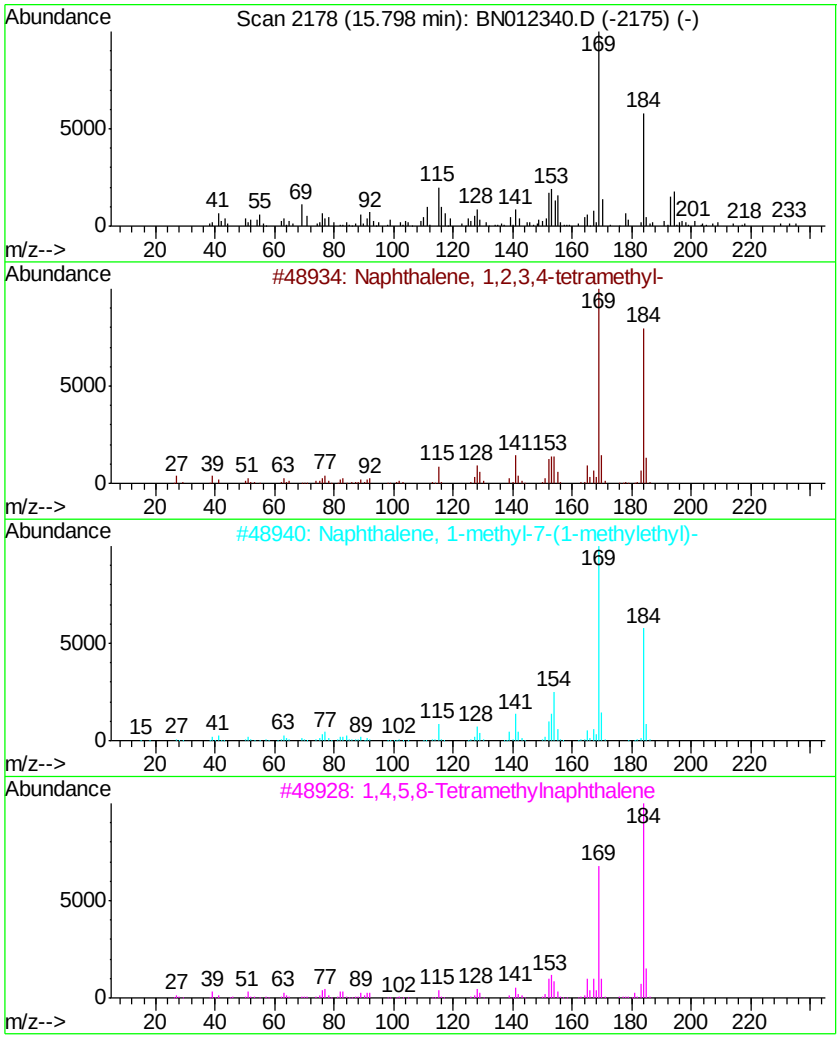
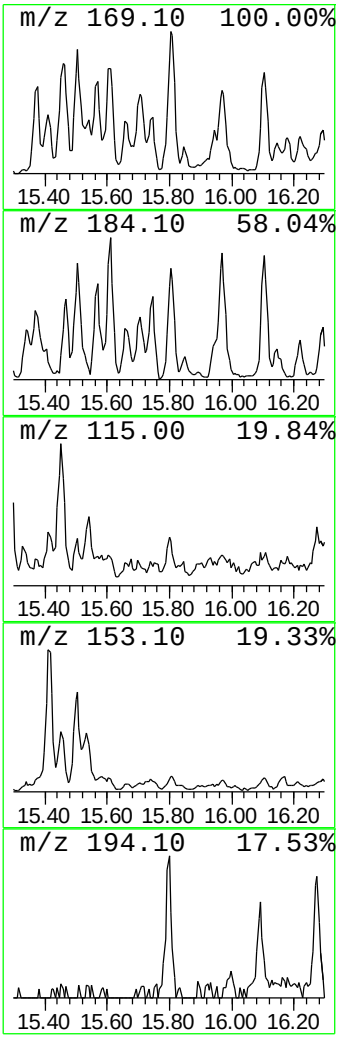
Peak Number 21 Naphthalene, 1,2,3,4-tetram... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	3.05 ng/ul	452605	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	83
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	74
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	72
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	59
5	4-tert-Butylphthalonitrile	184	C12H12N2	032703-80-3	50





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Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

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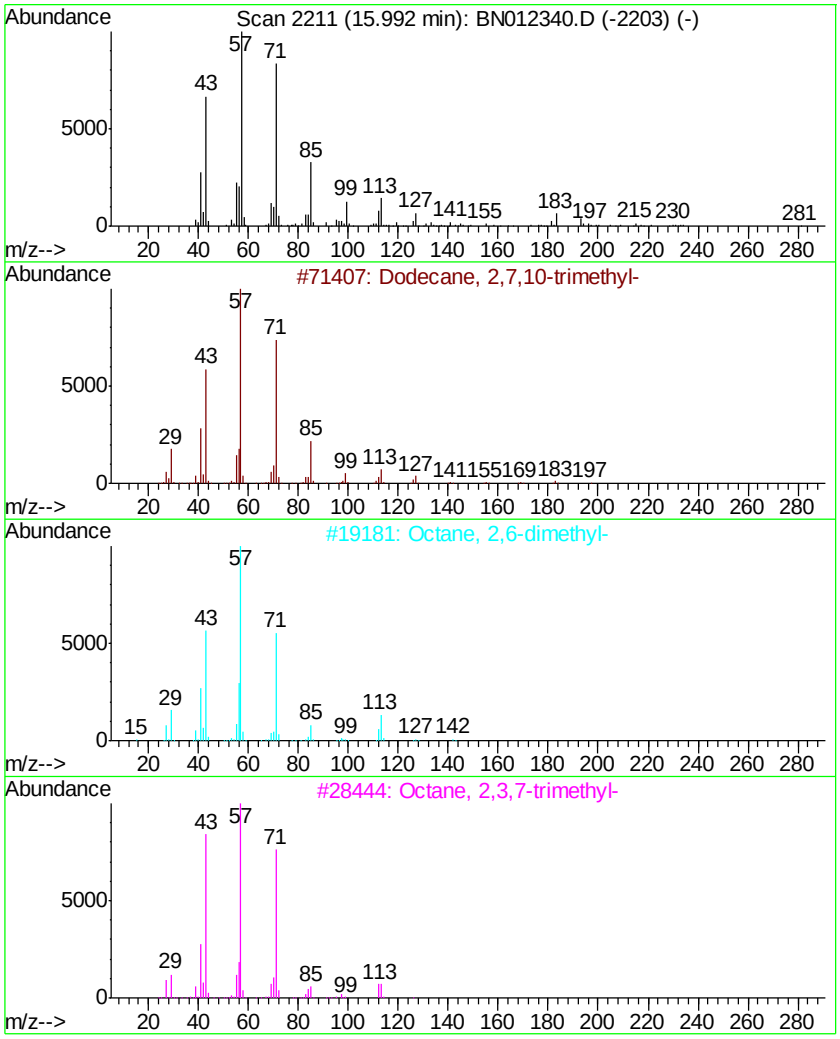
Quant Title : SVOA CALIBRATION

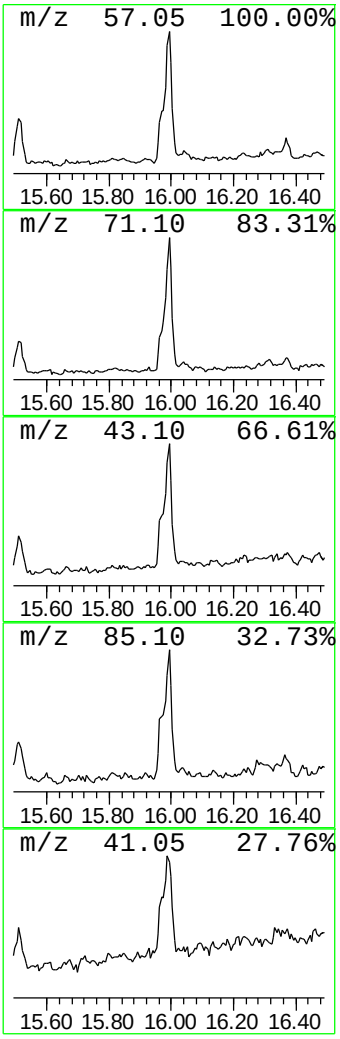
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	6.07 ng/ul	900613	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	58





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Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

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

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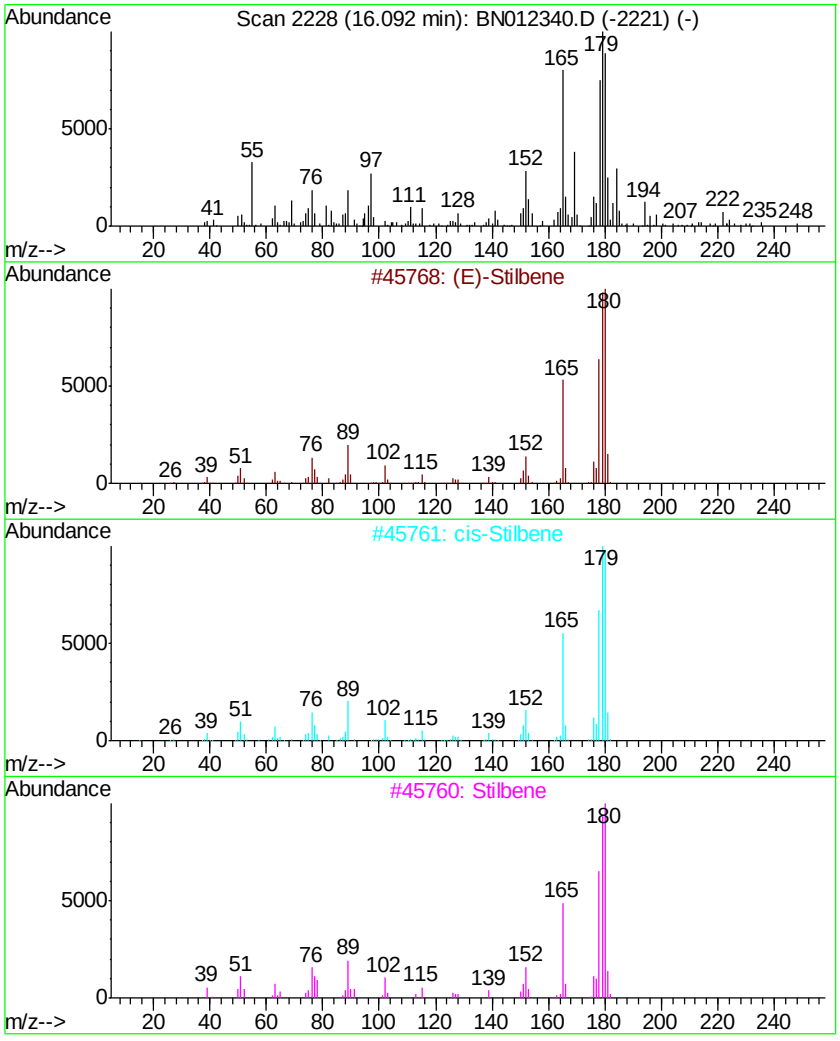
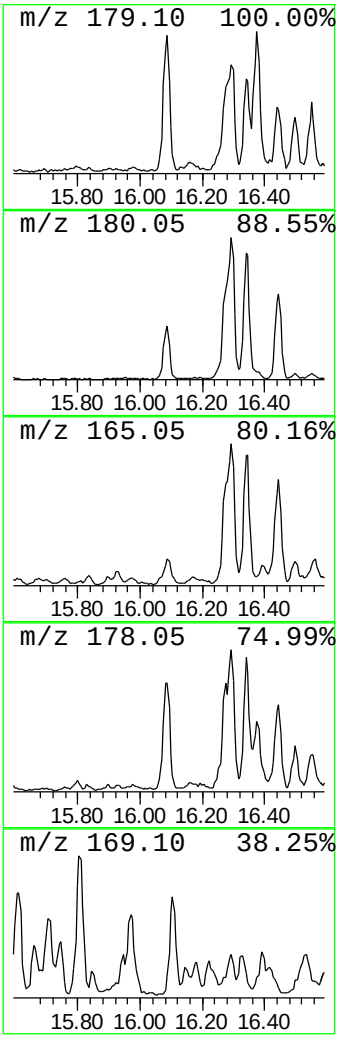
Peak Number 23 (E)-Stilbene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	4.10 ng/ul	609137	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Stilbene	180	C14H12	000103-30-0	93
2	cis-Stilbene	180	C14H12	000645-49-8	93
3	Stilbene	180	C14H12	000588-59-0	93
4	Anthracene, 1,2-dihydro-	180	C14H12	058746-82-0	90
5	(E)-Stilbene	180	C14H12	000103-30-0	90





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Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

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Quant Title : SVOA CALIBRATION

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

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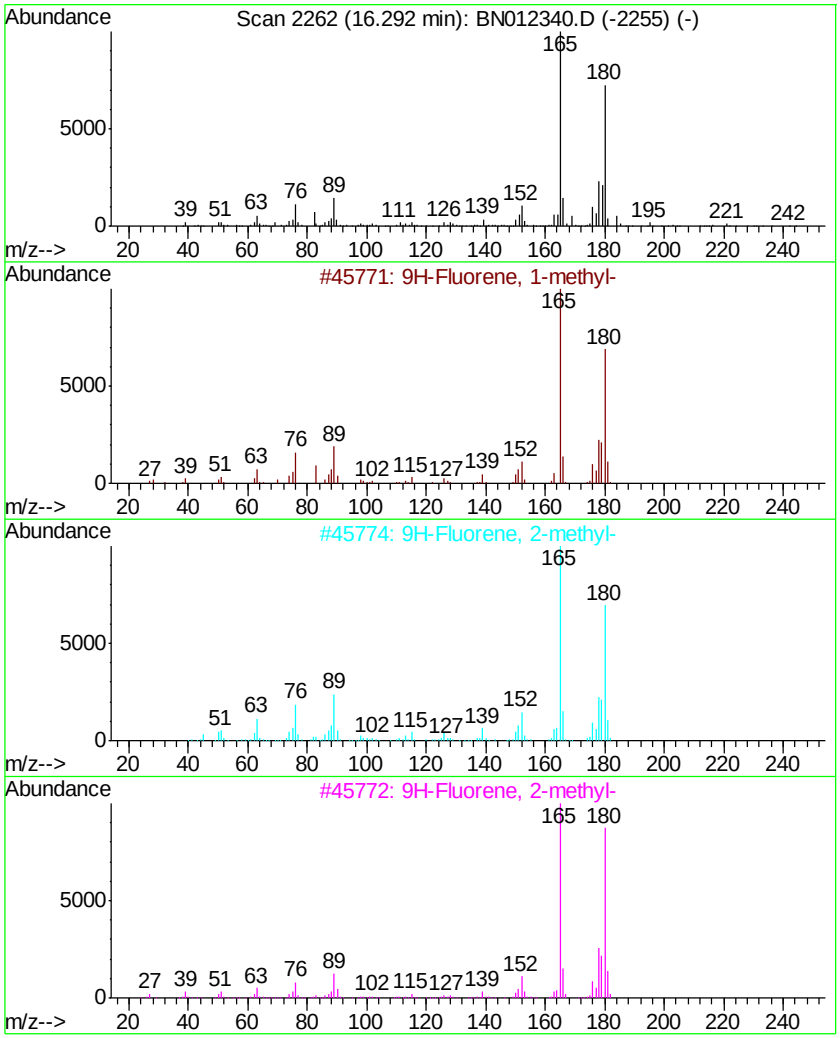
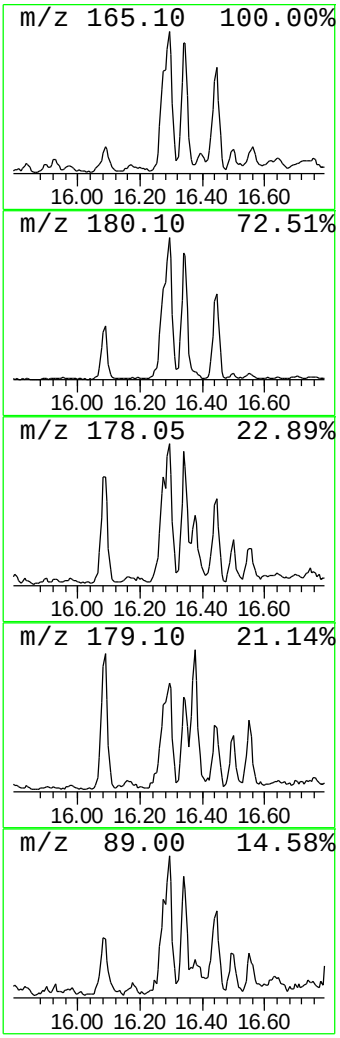
Peak Number 24 9H-Fluorene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	6.75 ng/ul	1001620	Phenanthrene-d10	16.99

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





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Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

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Quant Title : SVOA CALIBRATION

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

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Peak Number 25 9H-Fluorene, 2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	4.01 ng/ul	595871	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
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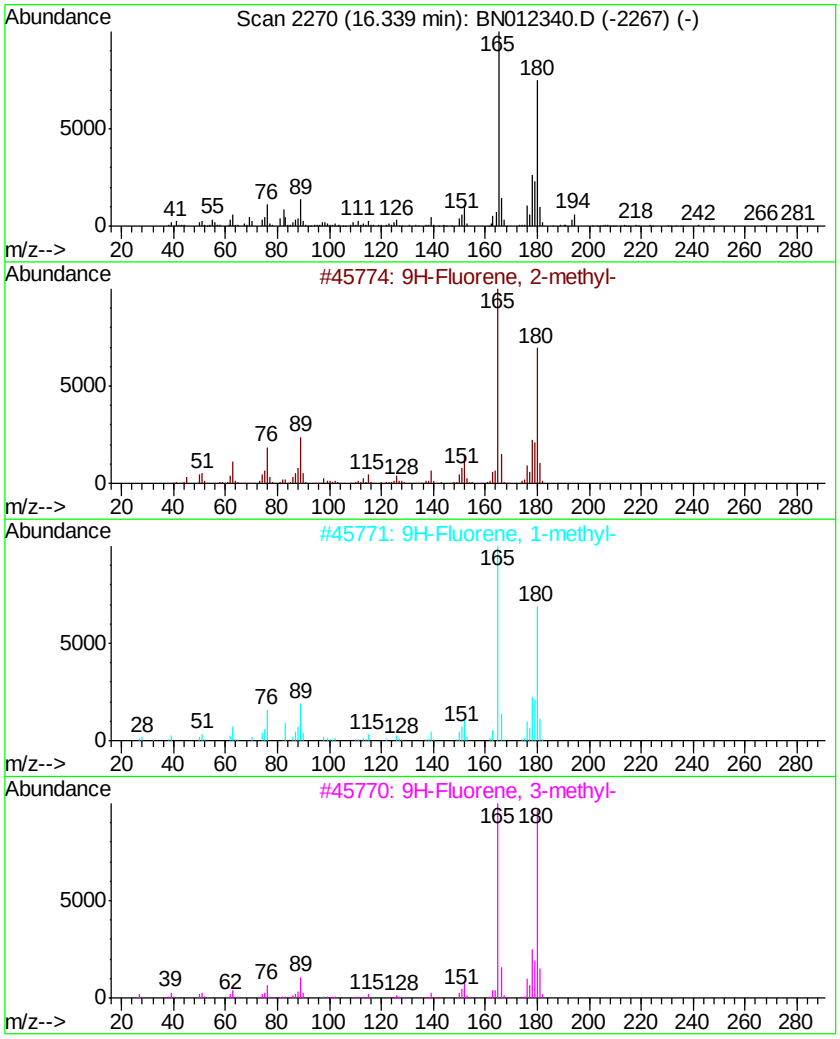

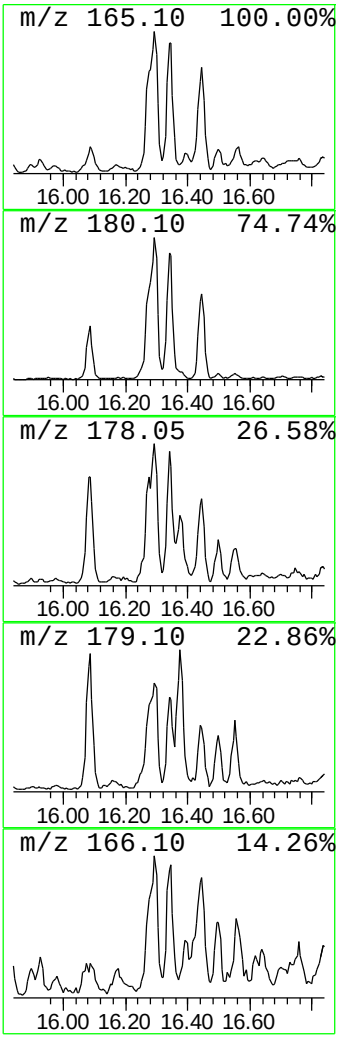

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Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

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Quant Title : SVOA CALIBRATION

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

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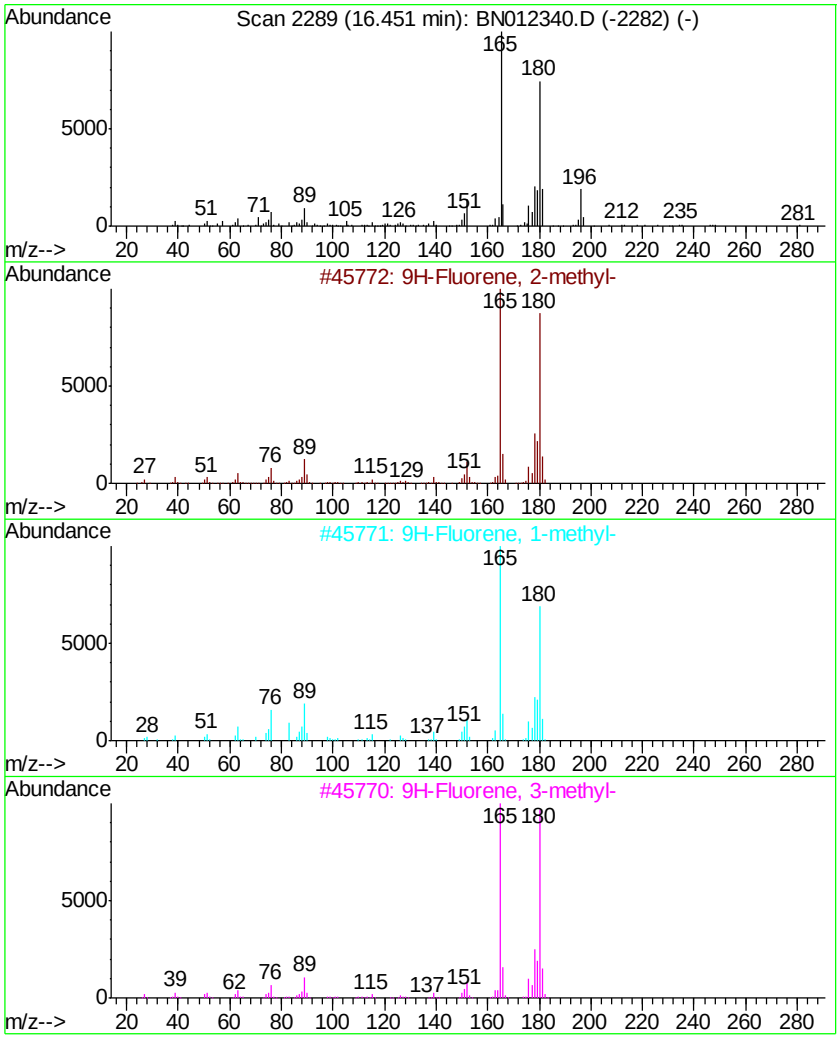
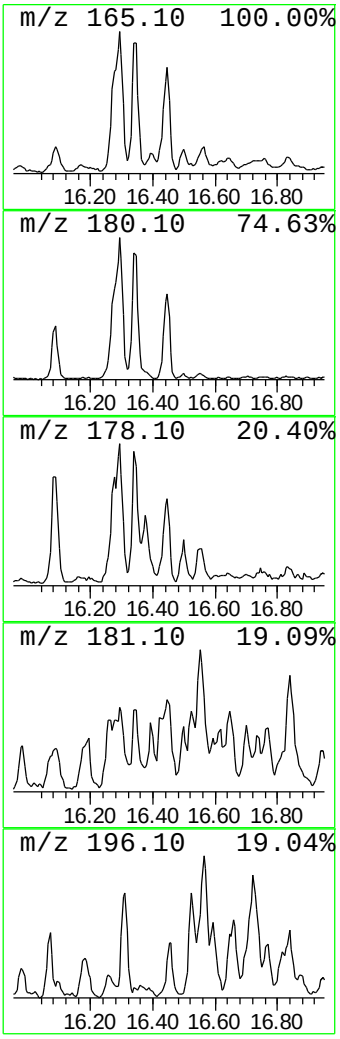
Peak Number 26 9H-Fluorene, 3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	4.83 ng/ul	717615	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93





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ClientSampleId : BEQD9

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Quant Title : SVOA CALIBRATION

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

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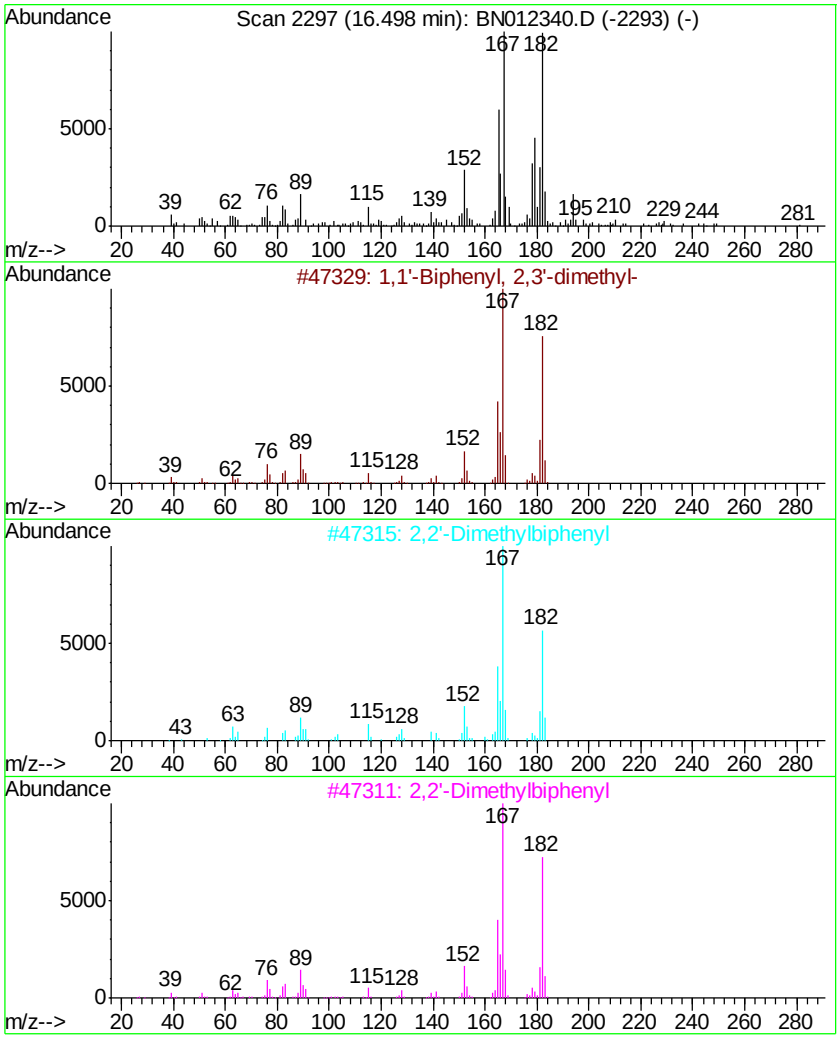
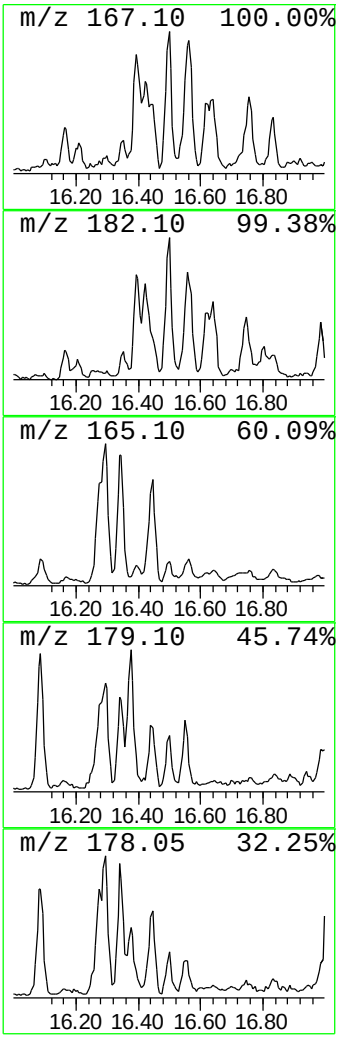
Peak Number 27 1,1'-Biphenyl, 2,3'-dimethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.36 ng/ul	349686	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	96
2	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	93
3	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	93
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	90
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	90





Library Search Compound Report

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Data File : BN012340.D
Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

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

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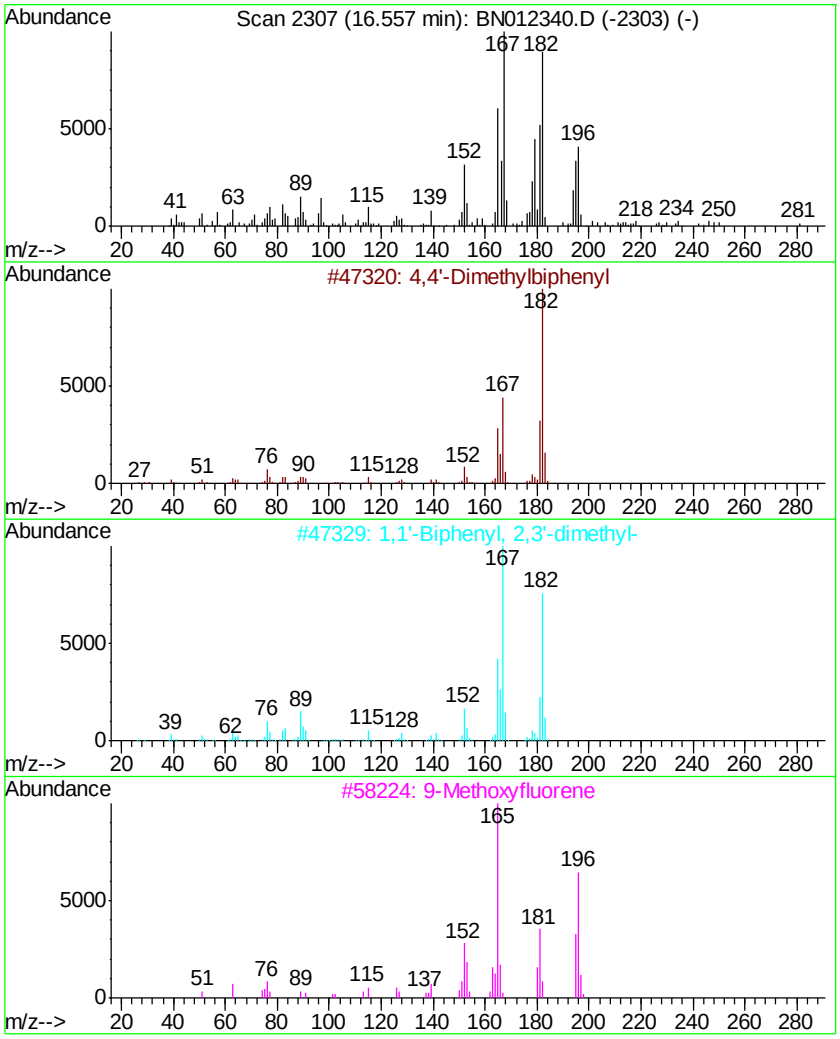
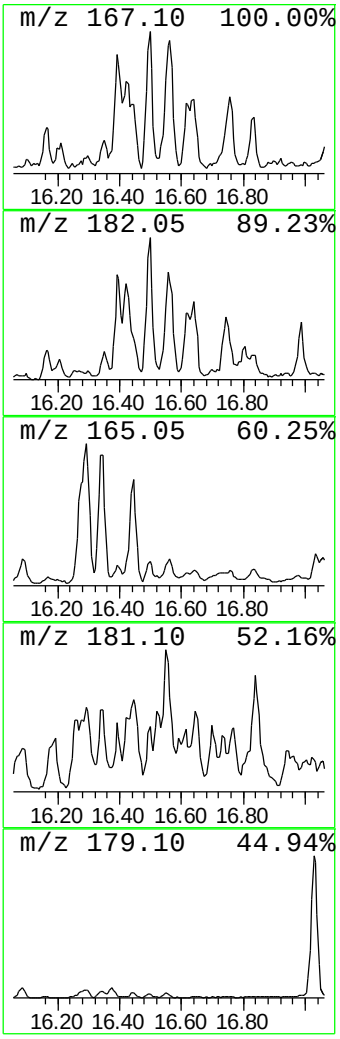
Peak Number 28 4,4'-Dimethylbiphenyl Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	2.83 ng/ul	420066	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
2	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	60
3	9-Methoxyfluorene	196	C14H12O	019126-15-9	53
4	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	53
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	50





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Data File : BN012340.D
Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

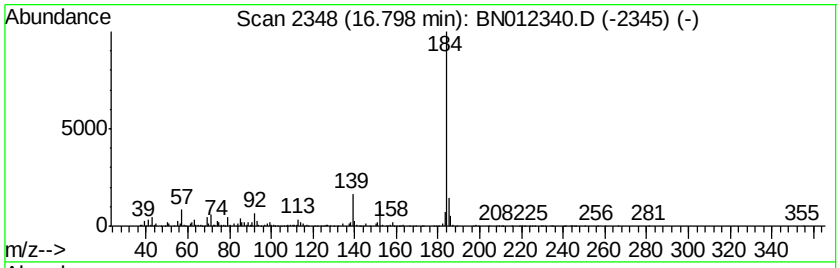
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

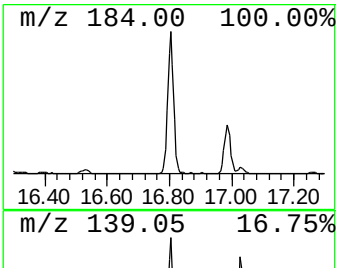
****

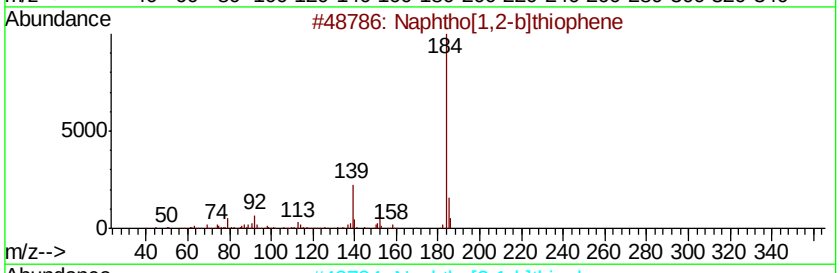
Peak Number 29 Naphtho[1,2-b]thiophene Concentration Rank 7

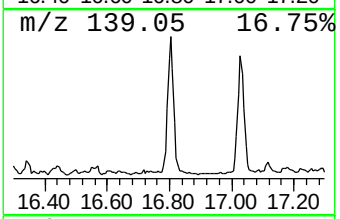
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	10.62 ng/ul	1576020	Phenanthrene-d10	16.99

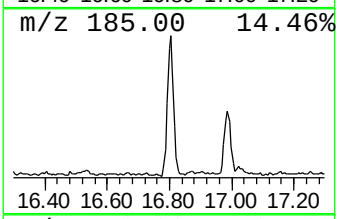
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91

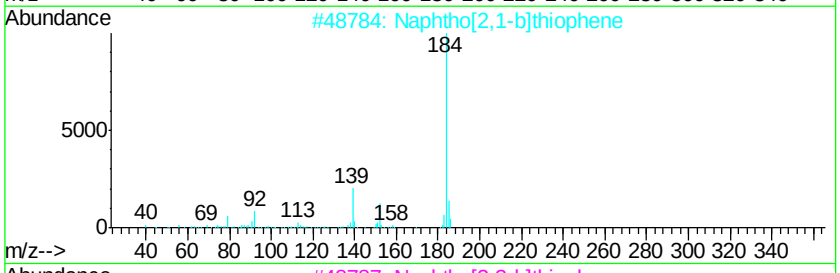


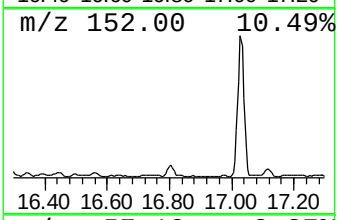


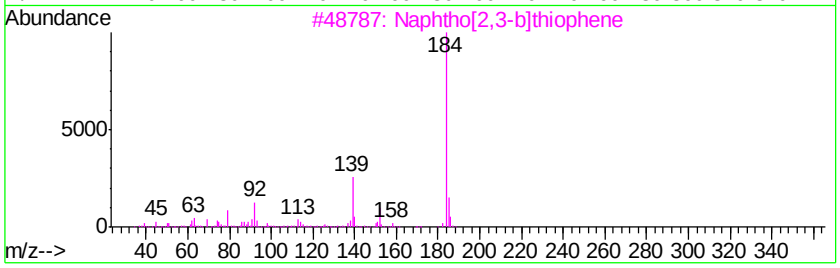


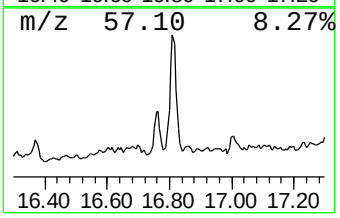












Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012340.D
Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

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

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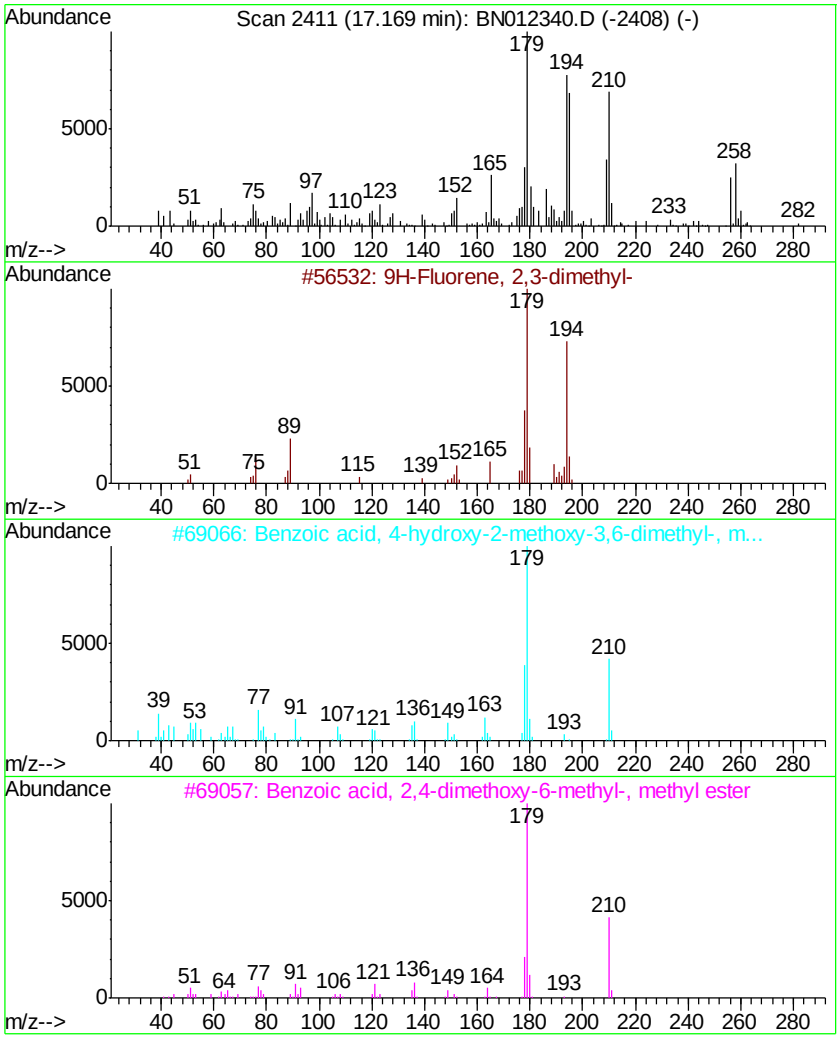
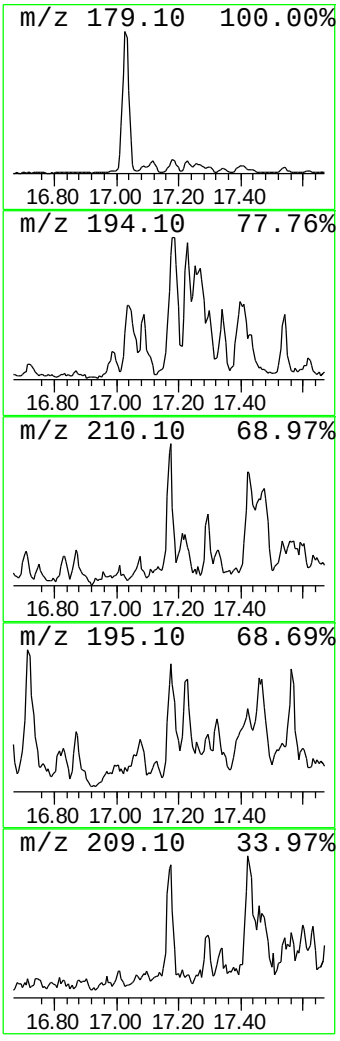
Peak Number 30 9H-Fluorene, 2,3-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	3.13 ng/ul	464220	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	70
2	Benzoic acid, 4-hydroxy-2-methox...	210	C11H14O4	034874-75-4	49
3	Benzoic acid, 2,4-dimethoxy-6-me...	210	C11H14O4	006110-37-8	46
4	Benzoic acid, 2,4-dimethoxy-6-me...	210	C11H14O4	006110-37-8	46
5	Phenanthrene, 9,10-dihydro-1-met...	194	C15H14	095676-48-5	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012340.D
Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

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

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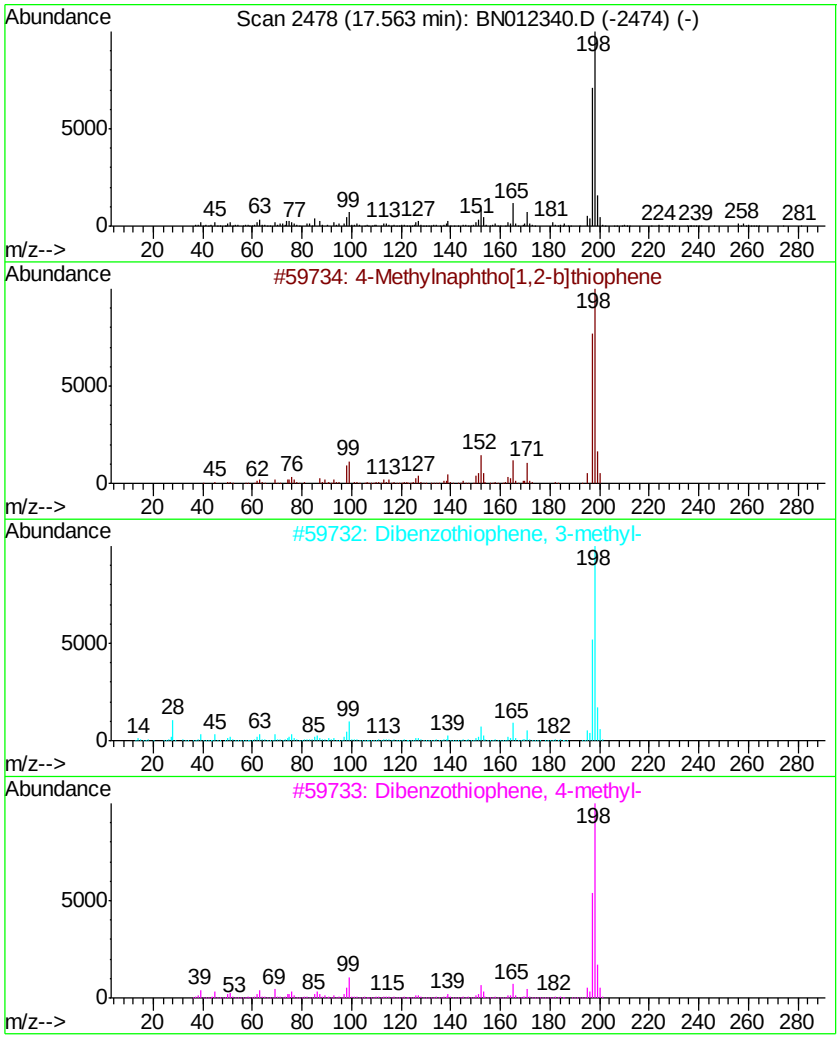
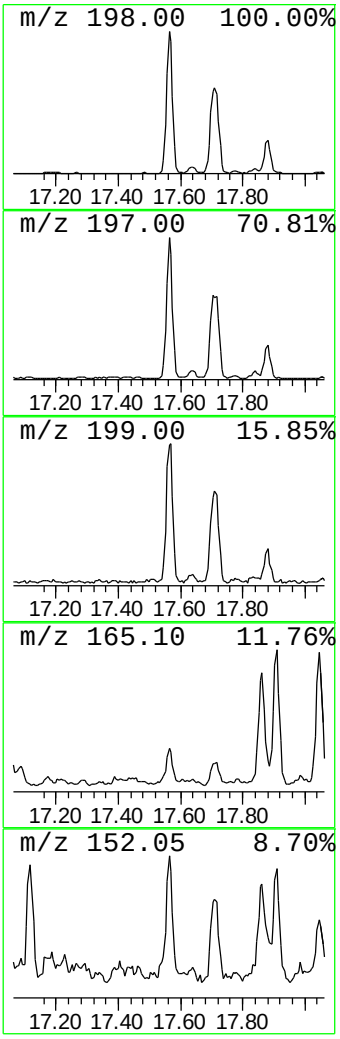
Peak Number 31 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	9.21 ng/ul	1368020	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	96
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	96
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	95
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	93
5	Tacrine	198	C13H14N2	000321-64-2	72





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Data File : BN012340.D
Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

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

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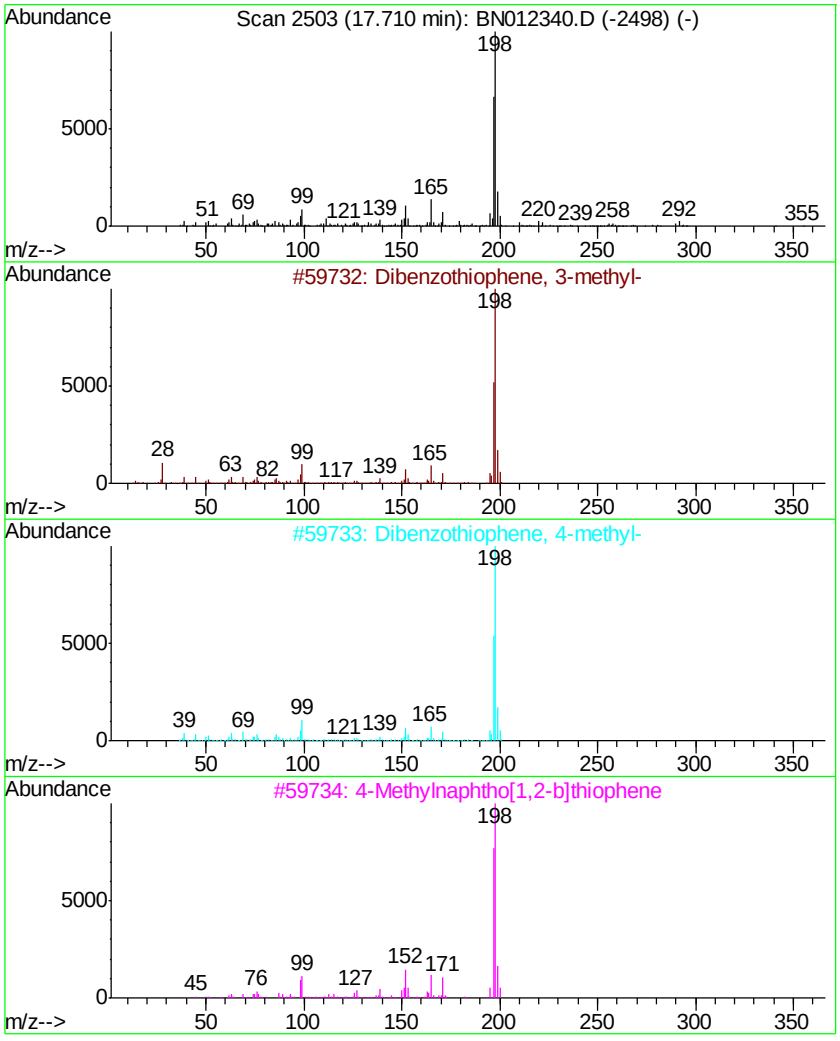
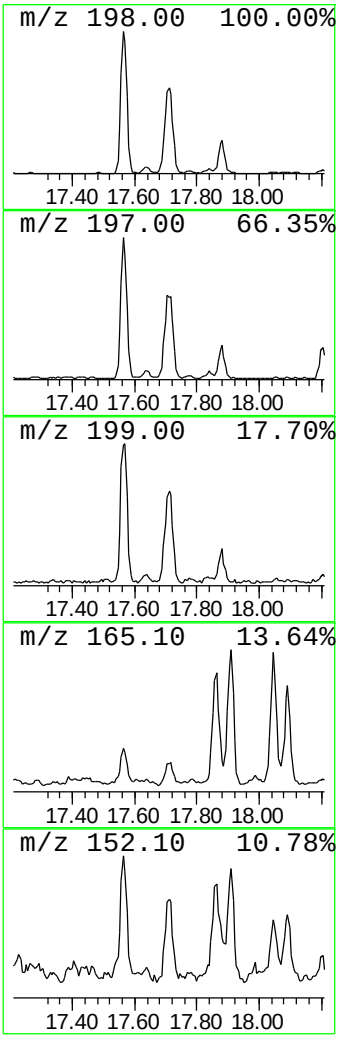
Peak Number 32 Dibenzothiophene, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	7.15 ng/ul	1060880	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	97
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	95
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	95
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	93
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	83





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Data File : BN012340.D
Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

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

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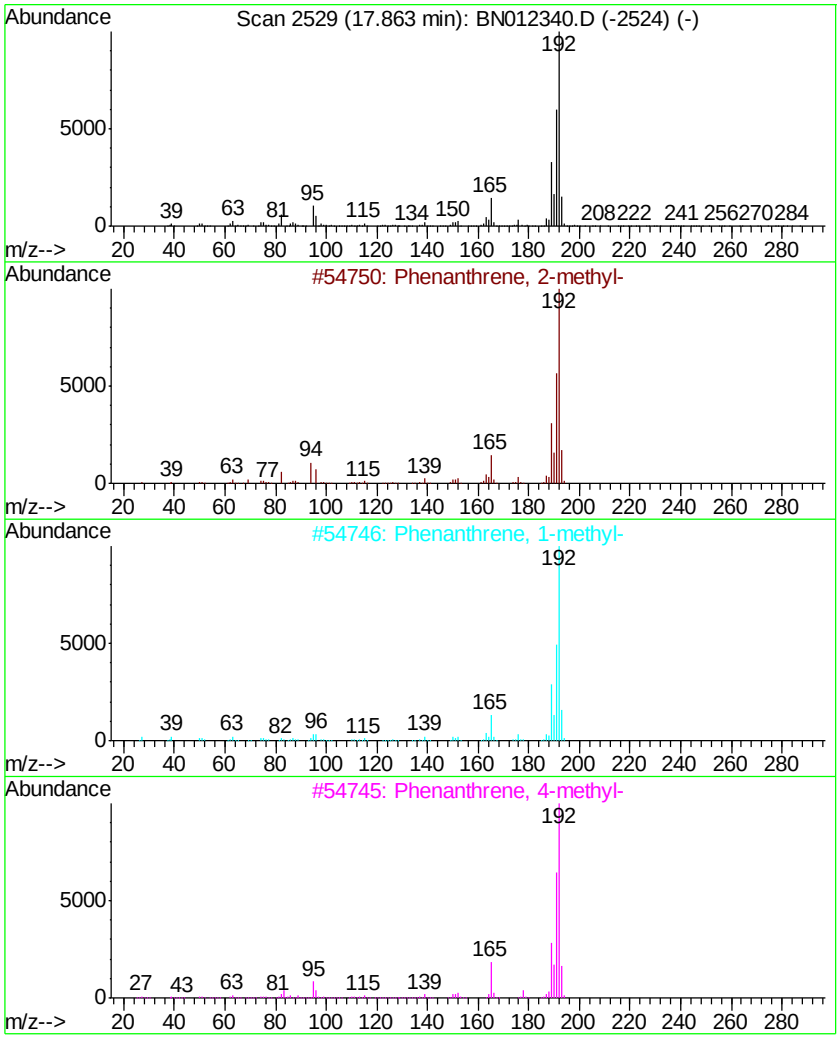
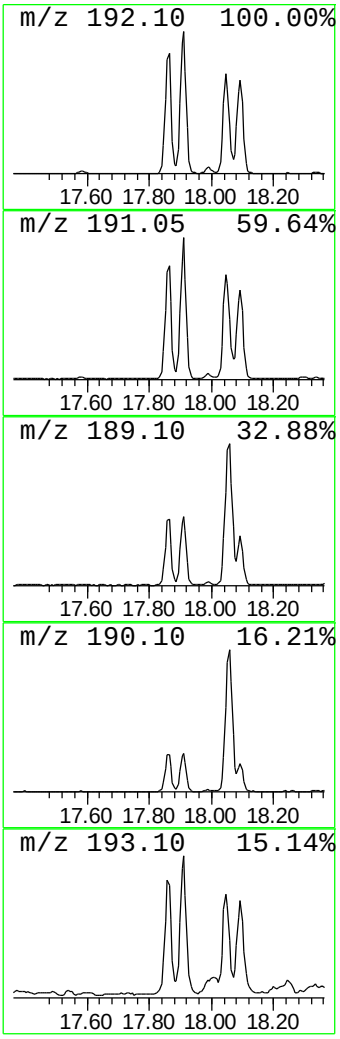
Peak Number 33 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	21.34 ng/ul	3168940	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012340.D
Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

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

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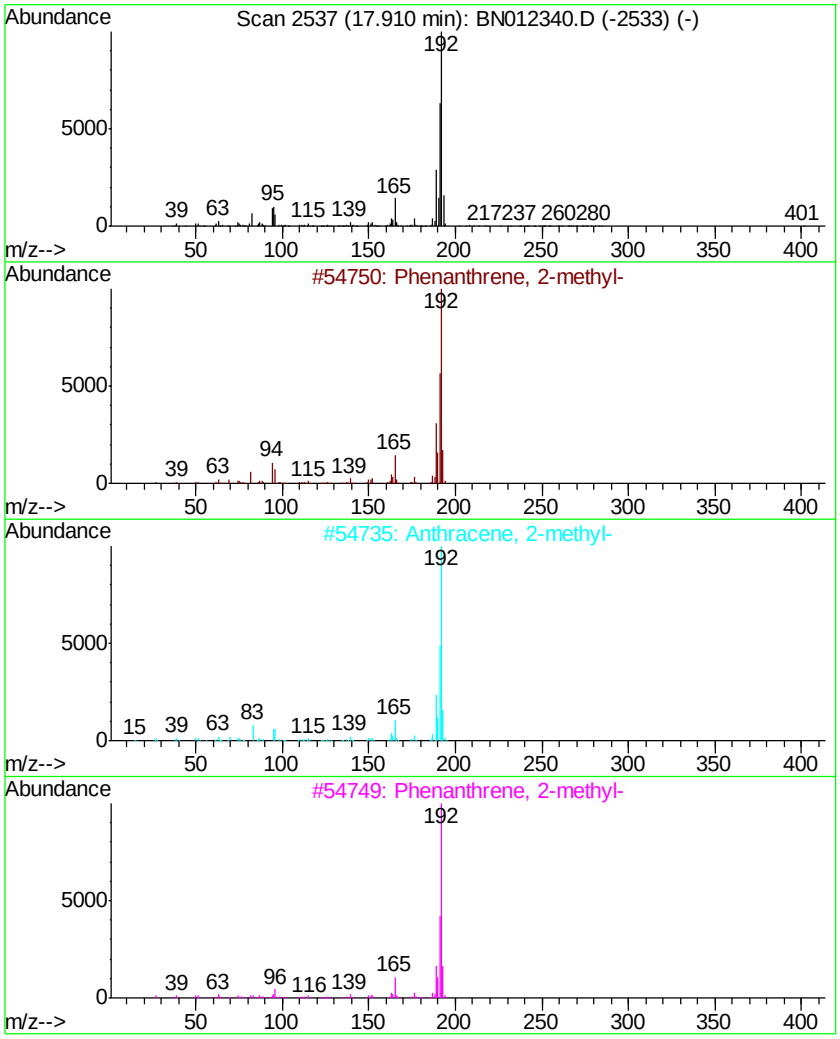
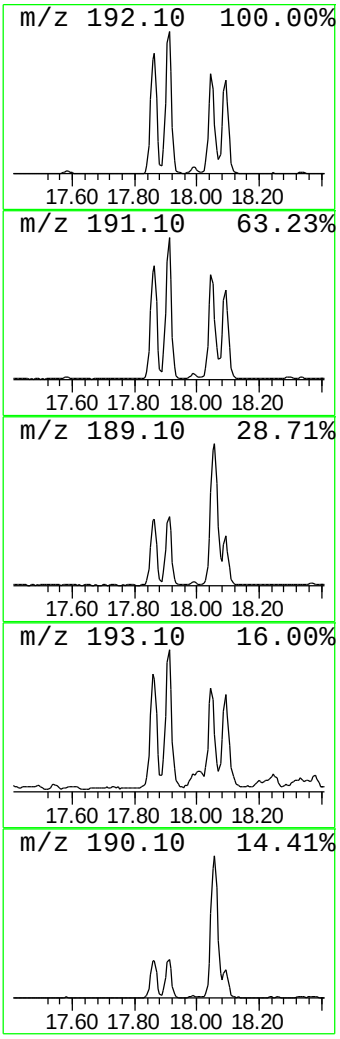
Peak Number 34 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	24.64 ng/ul	3658710	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Tentatively Identified Compound (LSC) summary

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Data File : BN012340.D
Acq On : 18 Oct 2020 21:24
Operator : CG/JU
Sample : L4285-13
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEQD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.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: Str...	3.06	32.0	ng/ul	2418790	1	7.59	1509340	20.0
(DEL) Alkane: Str...	3.76	4.9	ng/ul	367706	1	7.59	1509340	20.0
(DEL) Alkane: Str...	3.85	3.4	ng/ul	257833	1	7.59	1509340	20.0
Naphthalene, 1-et...	13.26	6.4	ng/ul	957067	3	14.24	2976860	20.0
Naphthalene, 2,6-...	13.39	2.9	ng/ul	437324	3	14.24	2976860	20.0
Naphthalene, 2,3-...	13.56	8.3	ng/ul	1229530	3	14.24	2976860	20.0
Naphthalene, 1,3-...	13.61	3.8	ng/ul	570667	3	14.24	2976860	20.0
Naphthalene, 1,7-...	13.79	4.3	ng/ul	643517	3	14.24	2976860	20.0
Naphthalene, 1,2-...	13.96	2.6	ng/ul	386260	3	14.24	2976860	20.0
Naphthalene, 2-(1...	14.45	6.1	ng/ul	909481	3	14.24	2976860	20.0
Benzene, 2-chloro...	14.55	4.6	ng/ul	689576	3	14.24	2976860	20.0
Naphthalene, 2,3,...	14.72	2.3	ng/ul	342701	3	14.24	2976860	20.0
Naphthalene, 1,6,...	14.86	2.8	ng/ul	414262	3	14.24	2976860	20.0
Naphthalene, 1,4,...	14.91	2.2	ng/ul	325830	3	14.24	2976860	20.0
Naphthalene, 1,4,...	15.03	4.1	ng/ul	605464	3	14.24	2976860	20.0
unknown-01	15.20	2.6	ng/ul	391574	3	14.24	2976860	20.0
Benzene, [1-(2,4-...	15.42	3.0	ng/ul	445595	3	14.24	2976860	20.0
Diphenylmethane	15.45	7.0	ng/ul	1035190	3	14.24	2976860	20.0
unknown-02	15.50	4.0	ng/ul	587512	3	14.24	2976860	20.0
Dibenzofuran, 4-m...	15.73	3.1	ng/ul	463354	4	16.99	2969410	20.0
Naphthalene, 1,2,...	15.80	3.0	ng/ul	452605	4	16.99	2969410	20.0
(DEL) Alkane: Str...	15.99	6.1	ng/ul	900613	4	16.99	2969410	20.0
(E)-Stilbene	16.09	4.1	ng/ul	609137	4	16.99	2969410	20.0
9H-Fluorene, 1-me...	16.29	6.8	ng/ul	1001620	4	16.99	2969410	20.0
9H-Fluorene, 2-me...	16.34	4.0	ng/ul	595871	4	16.99	2969410	20.0
9H-Fluorene, 3-me...	16.45	4.8	ng/ul	717615	4	16.99	2969410	20.0
1,1'-Biphenyl, 2,...	16.50	2.4	ng/ul	349686	4	16.99	2969410	20.0
4,4'-Dimethylbiph...	16.56	2.8	ng/ul	420066	4	16.99	2969410	20.0
Naphtho[1,2-b]thi...	16.80	10.6	ng/ul	1576020	4	16.99	2969410	20.0
9H-Fluorene, 2,3-...	17.17	3.1	ng/ul	464220	4	16.99	2969410	20.0
4-Methylnaphtho[1...	17.56	9.2	ng/ul	1368020	4	16.99	2969410	20.0
Dibenzothiophene,...	17.71	7.2	ng/ul	1060880	4	16.99	2969410	20.0
Phenanthrene, 2-m...	17.86	21.3	ng/ul	3168940	4	16.99	2969410	20.0
Anthracene, 2-met...	17.91	24.6	ng/ul	3658710	4	16.99	2969410	20.0