LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.457	835	845	850	rBV	871470	1358044	15.74%	0.686%
2	8.546	1019	1030	1035	rBV5	278692	621990	7.21%	0.314%
3	9.128	1124	1129	1145	rVB3	356322	879146	10.19%	0.444%
4	9.634	1209	1215	1220	rVV3	482784	898713	10.42%	0.454%
5	10.128	1289	1299	1304	rBV7	184336	636094	7.37%	0.321%
6	10.222	1304	1315	1320	rVV2	1411512	3097685	35.91%	1.564%
7	10.275	1320	1324	1331	rVV2	644578	1322089	15.33%	0.667%
8	10.710	1395	1398	1403	rVB2	332199	508900	5.90%	0.257%
9	11.134	1465	1470	1478	rVB2	573867	1082492	12.55%	0.546%
10	11.263	1487	1492	1498	rBV6	459756	1170749	13.57%	0.591%
11	11.328	1499	1503	1509	rVB	468118	789026	9.15%	0.398%
12	11.410	1509	1517	1521	rBV4	505889	965918	11.20%	0.488%
13	11.510	1526	1534	1538	rBV4	362190	769254	8.92%	0.388%
14	11.898	1587	1600	1607	rVB	2716633	5363712	62.18%	2.707%
15	12.116	1631	1637	1642	rVV	1866481	3316375	38.45%	1.674%
16	12.157	1642	1644	1649	rVB4	464666	571497	6.63%	0.288%
17	12.522	1702	1706	1713	rVB6	356382	758756	8.80%	0.383%
18	12.645	1713	1727	1731	rBV4	818394	2053923	23.81%	1.037%
19	12.763	1743	1747	1753	rBV3	337894	671166	7.78%	0.339%
20	12.910	1768	1772	1774	rBV3	391237	566120	6.56%	0.286%
21	13.034	1789	1793	1799	rVB2	833320	1329502	15.41%	0.671%
22	13.134	1806	1810	1813	rBV	1016584	1469543	17.04%	0.742%
23	13.269	1827	1833	1834	rBV	2606333	3764087	43.64%	1.900%
24	13.428	1854	1860	1865	rVV	4959410	8625658	100.00%	4.354%
25	13.481	1865	1869	1874	rVV	3243771	4819857	55.88%	2.433%
26	13.528	1874	1877	1882	rVB2	735205	1056843	12.25%	0.533%
27	13.610	1887	1891	1895	rVV2	604131	858310	9.95%	0.433%
28	13.663	1896	1900	1904	rVV	2169070	3361890	38.98%	1.697%
29	13.698	1904	1906	1910	rVB	901212	970679	11.25%	0.490%
30	13.834	1925	1929	1933	rVV	1204177	1713147	19.86%	0.865%
31	14.110	1967	1976	1982	rBV4	2160254	4214636	48.86%	2.127%
32	14.169	1982	1986	1989	rVV2	705550	1078841	12.51%	0.545%
33	14.204	1989	1992	1996	rVV2	691900	988829	11.46%	0.499%
34	14.245	1996	1999	2005	rVB	709712	1037056	12.02%	0.523%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	14.328	2007	2013	2022	rVV	2101080	5452040	63.21%	2.752%
36	14.410	2023	2027	2035	rVB4	940388	1329677	15.42%	0.671%
37	14.522	2039	2046	2052	rVV	3347930	6387541	74.05%	3.224%
38	14.598	2052	2059	2063	rVB	3687003	5352485	62.05%	2.702%
39	14.657	2065	2069	2075	rVB6	704323	1001164	11.61%	0.505%
40	14.739	2078	2083	2088	rBV	2786326	4719189	54.71%	2.382%
41	14.792	2088	2092	2096	rVB	2697016	3475324	40.29%	1.754%
42	14.910	2105	2112	2115	rBV2	1838880	4013013	46.52%	2.026%
43	14.939	2115	2117	2123	rVB	1387638	1734224	20.11%	0.875%
44	15.075	2135	2140	2143	rBV2	952813	1545883	17.92%	0.780%
45	15.157	2149	2154	2159	rVB3	1362421	2295548	26.61%	1.159%
46	15.222	2159	2165	2168	rBV3	1253438	2338032	27.11%	1.180%
47	15.292	2173	2177	2180	rVV3	1655929	2440859	28.30%	1.232%
48	15.339	2180	2185	2189	rVV4	824108	1771458	20.54%	0.894%
49	15.386	2189	2193	2200	rVV3	1923004	3787556	43.91%	1.912%
50	15.451	2200	2204	2208	rVV3	723985	1551112	17.98%	0.783%
51	15.486	2208	2210	2215	rVB	1341365	1697682	19.68%	0.857%
52	15.545	2216	2220	2224	rBV4	628940	1265675	14.67%	0.639%
53	15.586	2224	2227	2230	rVV2	454604	647365	7.51%	0.327%
54	15.628	2231	2234	2239	rVB3	981180	1544811	17.91%	0.780%
55	15.686	2239	2244	2248	rBV2	1256619	2104790	24.40%	1.062%
56	15.775	2256	2259	2261	rBV2	447986	602798	6.99%	0.304%
57	15.851	2268	2272	2275	rBV	2227284	3373618	39.11%	1.703%
58	15.986	2291	2295	2298	rBV	1549554	1928949	22.36%	0.974%
59	16.022	2298	2301	2304	rBV	456161	561253	6.51%	0.283%
60	16.098	2311	2314	2316	rBV4	485469	611979	7.09%	0.309%
61	16.169	2321	2326	2330	rVV5	974874	2236696	25.93%	1.129%
62	16.228	2331	2336	2340	rVV3	1996153	3495033	40.52%	1.764%
63	16.275	2341	2344	2347	rVV	902601	1249688	14.49%	0.631%
64	16.304	2347	2349	2358	rVB5	975736	1818982	21.09%	0.918%
65	16.375	2358	2361	2364	rBV3	661781	1043573	12.10%	0.527%
66	16.522	2383	2386	2392	rBV4	733759	1163509	13.49%	0.587%
67	16.604	2397	2400	2404	rVV3	710375	1185408	13.74%	0.598%
68	16.645	2404	2407	2410	rVV3	864270	1197885	13.89%	0.605%
69	16.698	2410	2416	2424	rVB6	1811694	4181499	48.48%	2.111%
70	16.863	2440	2444	2447	rBV	1830706	2441402	28.30%	1.232%
71	16.904	2447	2451	2455	rVB	3250931	4189552	48.57%	2.115%

LSC Area Percent Report

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Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	17.275	2511	2514	2516	rBV3	576236	768032	8.90%	0.388%
73	17.445	2539	2543	2546	rVB	1068086	1378729	15.98%	0.696%
74	17.586	2563	2567	2572	rBV3	684650	1227054	14.23%	0.619%
75	17.739	2589	2593	2597	rBV	2459345	3321010	38.50%	1.676%
76	17.786	2597	2601	2608	rVB	3225885	4656971	53.99%	2.351%
77	17.869	2611	2615	2618	rVV	631388	957659	11.10%	0.483%
78	17.927	2620	2625	2629	rVV	2332177	3961662	45.93%	2.000%
79	17.969	2629	2632	2639	rVB	1851405	2472685	28.67%	1.248%
80	18.074	2648	2650	2657	rVB3	629058	836701	9.70%	0.422%
81	18.139	2657	2661	2665	rVB2	885702	1205423	13.97%	0.608%
82	18.245	2675	2679	2683	rBV4	672646	1217415	14.11%	0.615%
83	18.369	2697	2700	2706	rBV3	496498	669870	7.77%	0.338%
84	18.469	2713	2717	2719	rBV2	725222	1134796	13.16%	0.573%
85	18.498	2719	2722	2727	rVV	1020066	1367976	15.86%	0.691%
86	18.545	2727	2730	2734	rVV	1068066	1285699	14.91%	0.649%
87	18.669	2747	2751	2756	rBV	2522526	3811538	44.19%	1.924%
88	18.722	2756	2760	2765	rVV4	1397214	2289500	26.54%	1.156%
89	18.763	2765	2767	2771	rVB	815152	804108	9.32%	0.406%
90	18.810	2771	2775	2780	rBV3	690973	1358660	15.75%	0.686%
91	18.933	2793	2796	2800	rBV2	792044	1176731	13.64%	0.594%
92	19.221	2842	2845	2849	rVB2	769382	943785	10.94%	0.476%
93	19.269	2850	2853	2855	rBV	658352	807185	9.36%	0.407%
94	19.298	2855	2858	2861	rBV	1533104	1865677	21.63%	0.942%
95	19.386	2869	2873	2878	rVB	1363573	2080156	24.12%	1.050%
96	19.474	2885	2888	2891	rBV2	480577	526720	6.11%	0.266%
97	19.963	2968	2971	2976	rVB2	930178	1163551	13.49%	0.587%
98	20.104	2992	2995	2998	rVB	791154	846824	9.82%	0.427%
99	20.145	3000	3002	3007	rVB	864659	929988	10.78%	0.469%
100	21.074	3157	3160	3165	rVB	2124352	2616037	30.33%	1.320%

Sum of corrected areas: 198109921

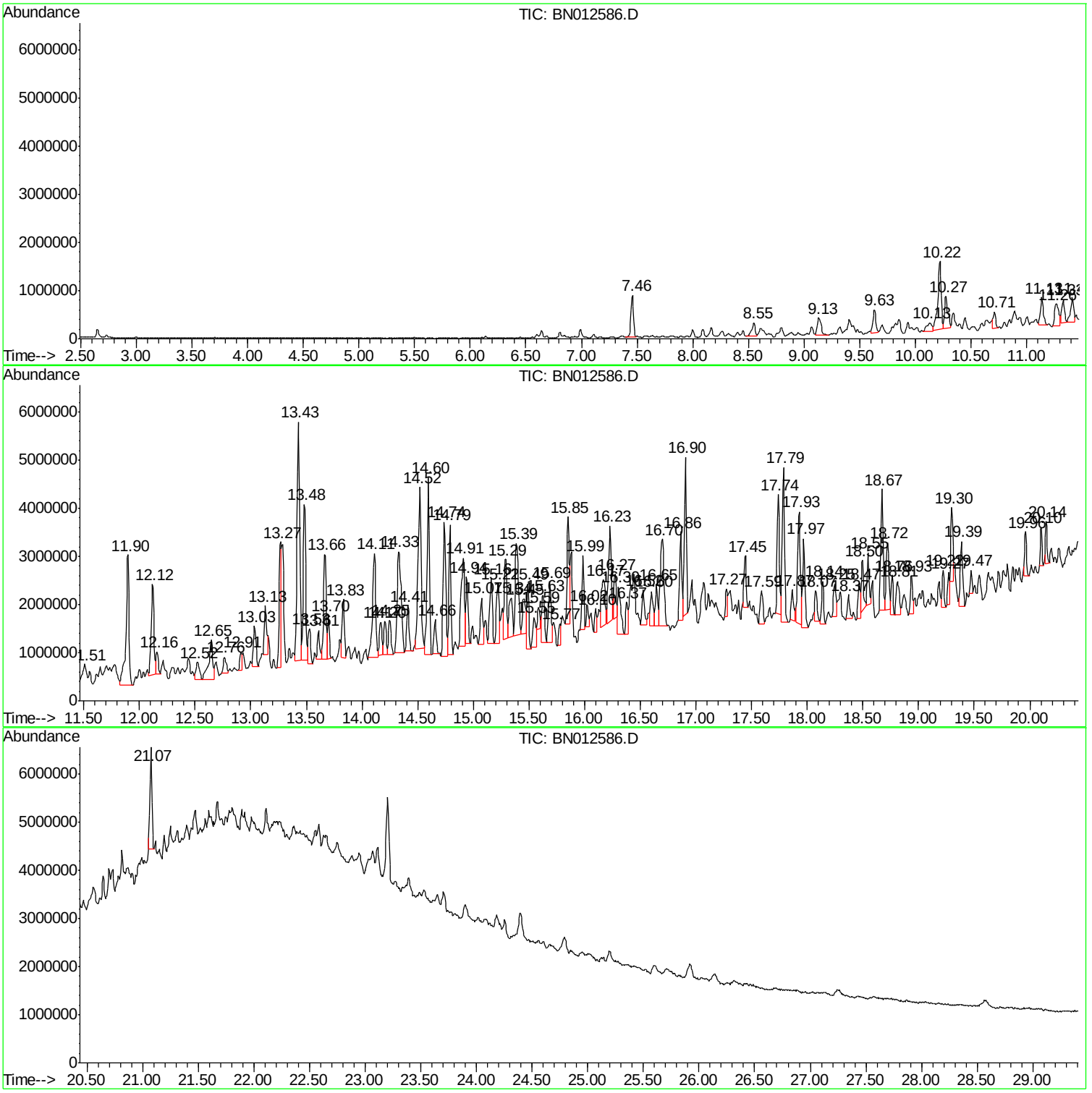
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB7DL

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

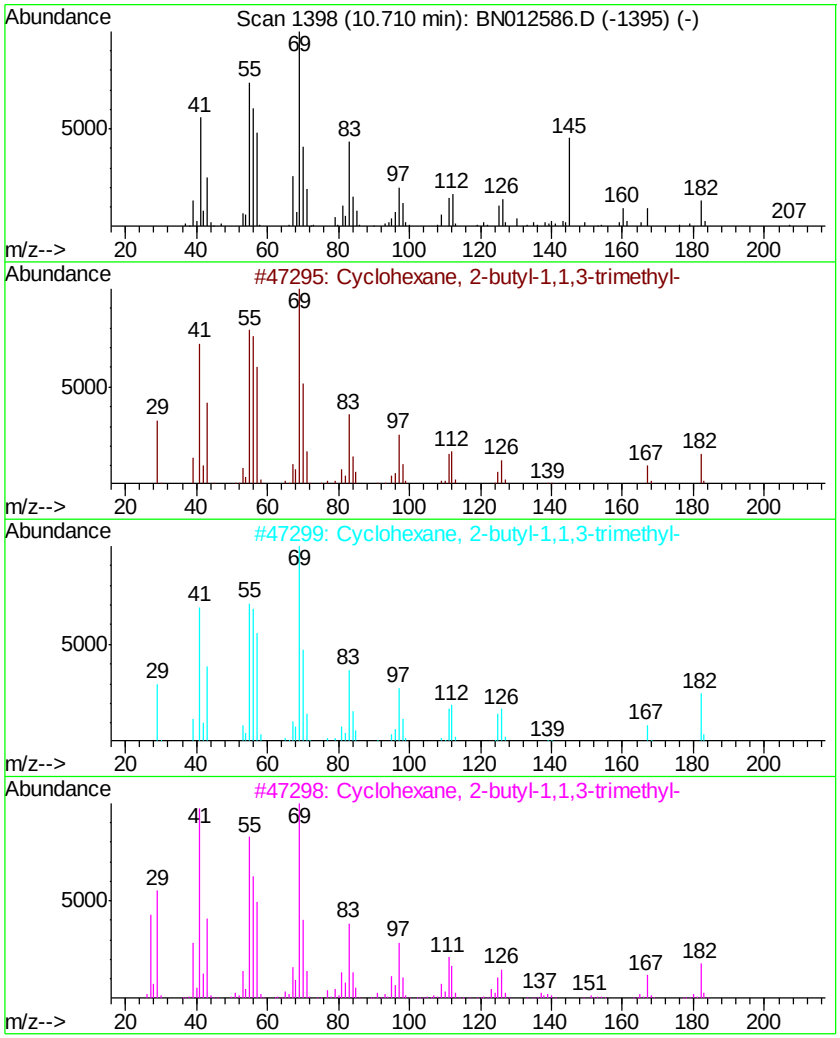
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

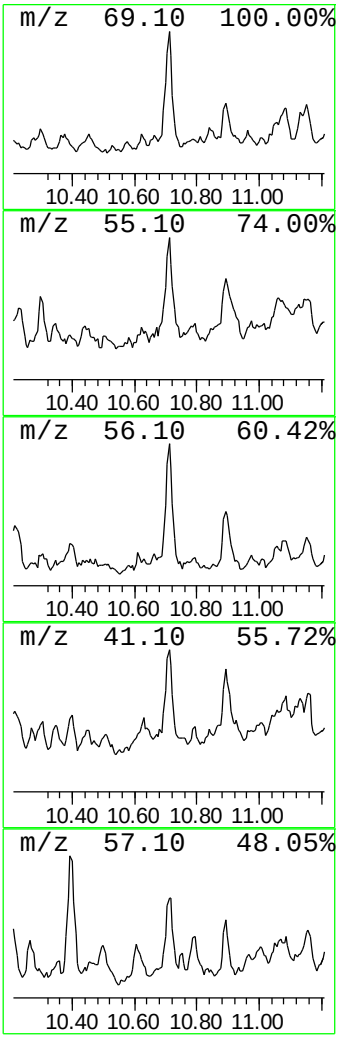
****

Peak Number 5 (DEL) Alkane: Cyclic10.71 Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	3.29 ng/ul	508900	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	98
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	97
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
4	Cyclopentane, butyl-	126	C9H18	002040-95-1	62
5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

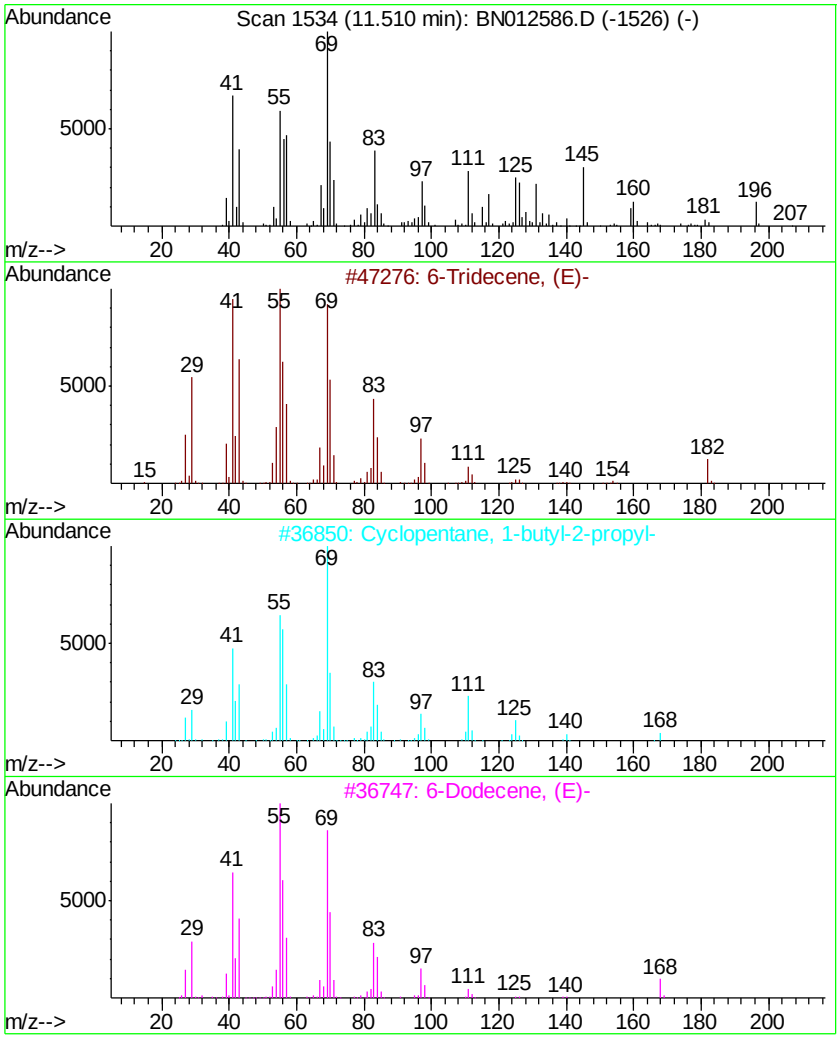
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

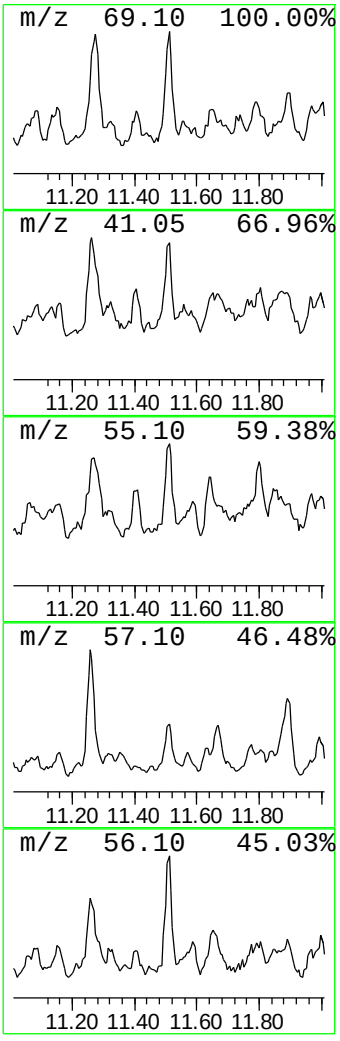
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	4.97 ng/ul	769254	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, (E)-	182	C13H26	006434-76-0	78
2	Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	70
3	6-Dodecene, (E)-	168	C12H24	007206-17-9	60
4	7-Tetradecene	196	C14H28	010374-74-0	53
5	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

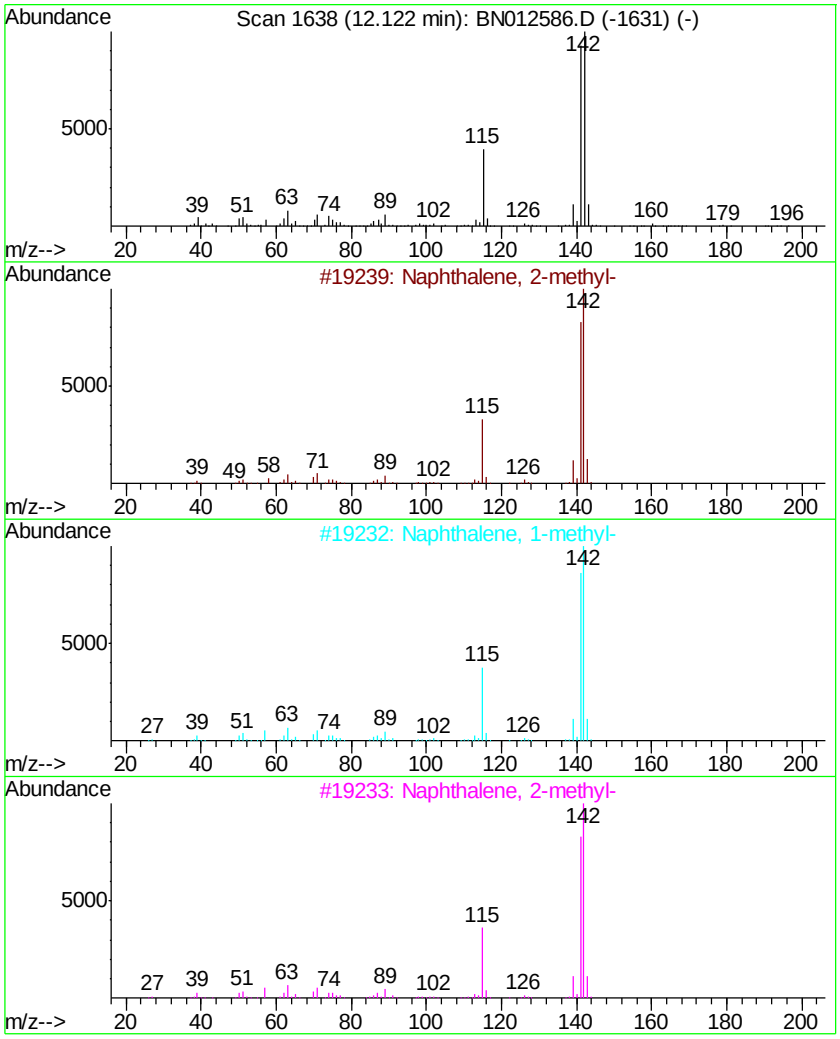
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

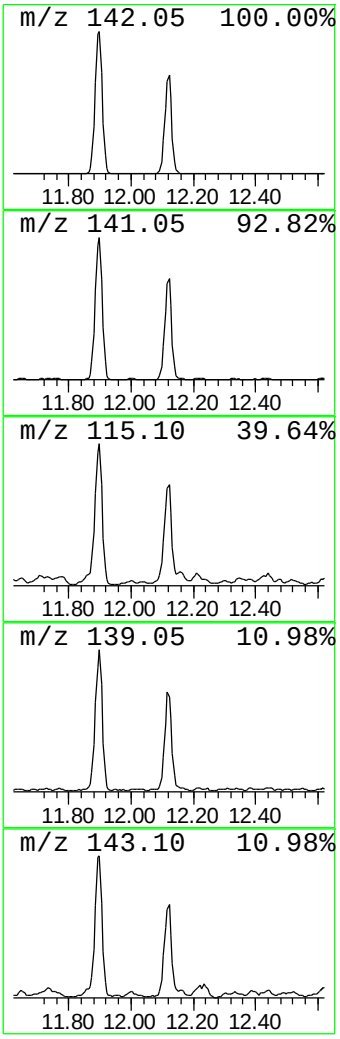
****

Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	21.41 ng/ul	3316380	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

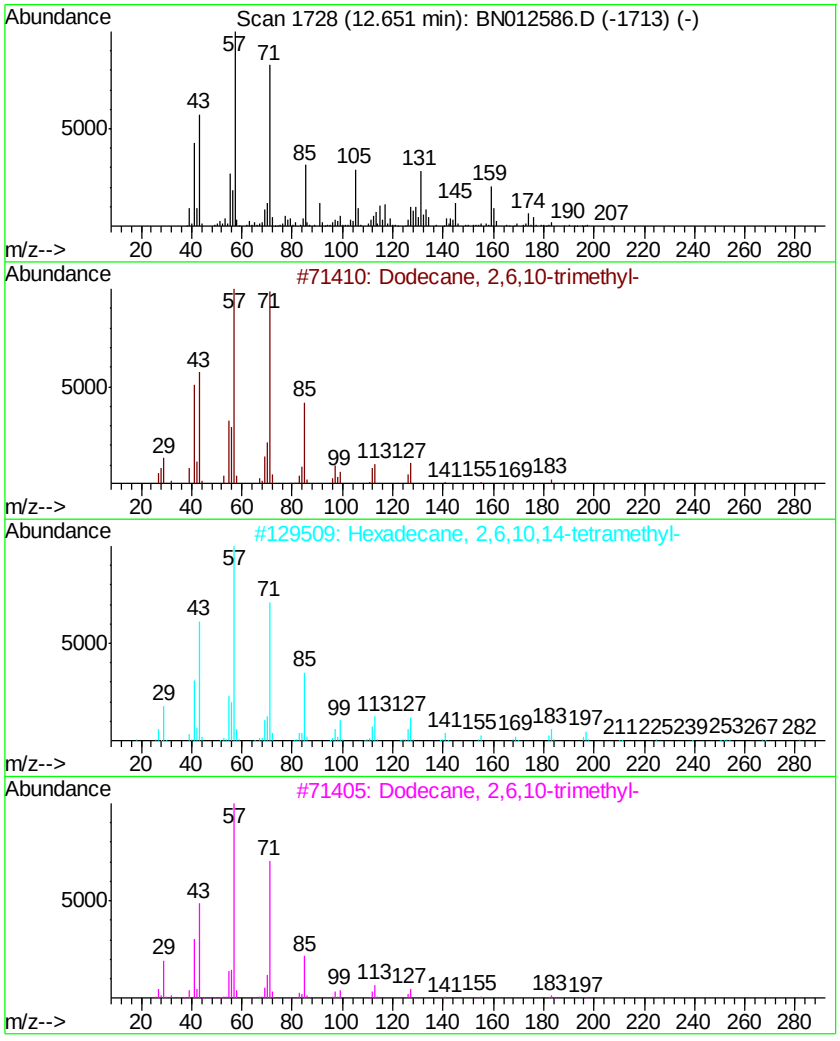
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

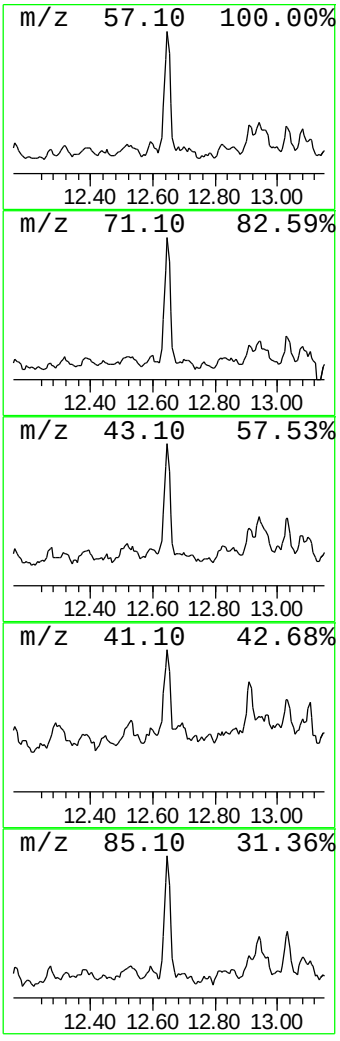
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	9.75 ng/ul	2053920	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	55
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	46
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	46
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	46
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

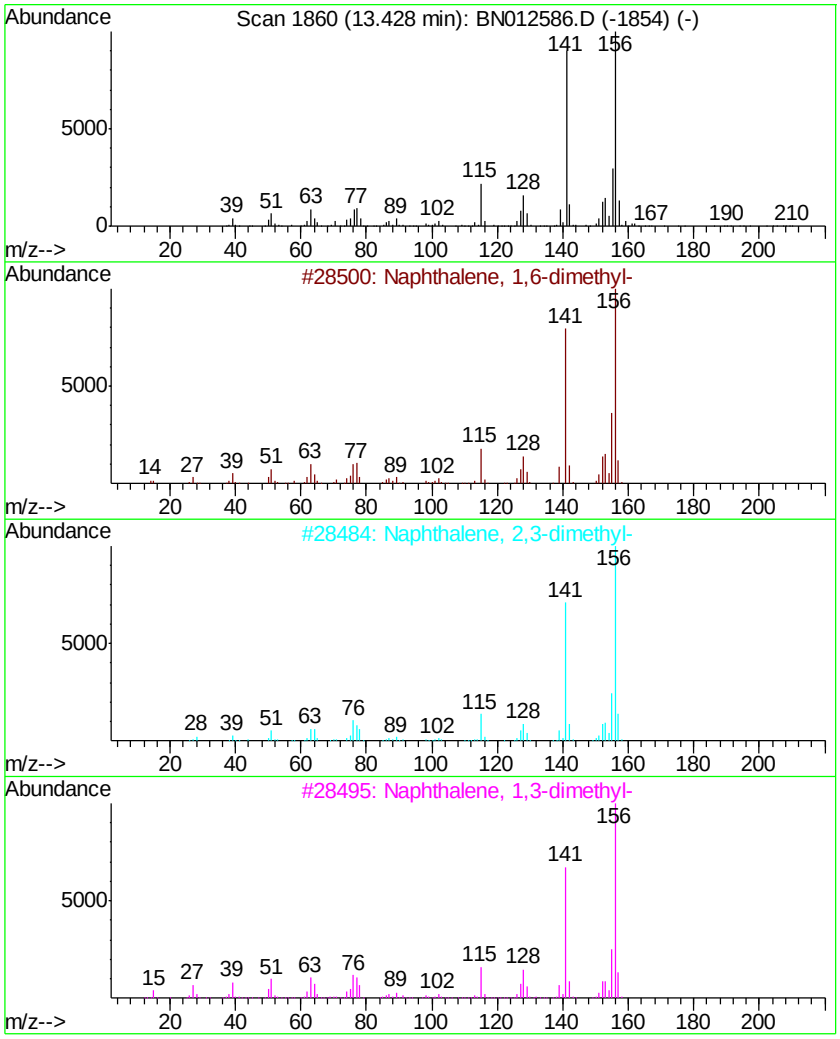
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

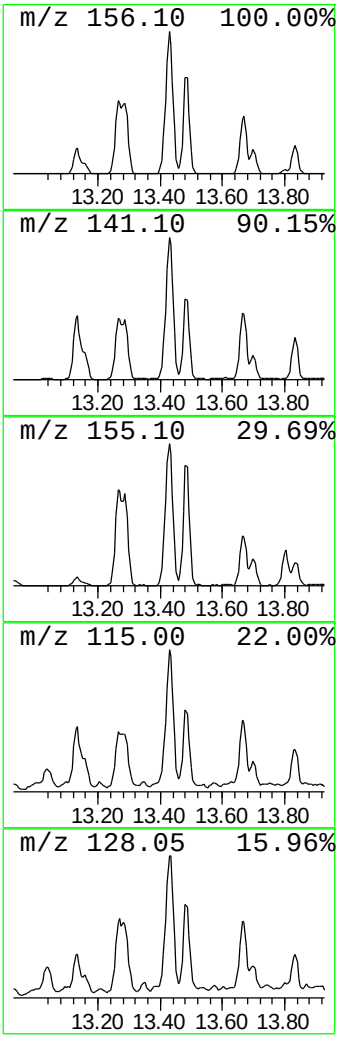
****

Peak Number 19 Naphthalene, 1,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	40.93 ng/ul	8625660	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

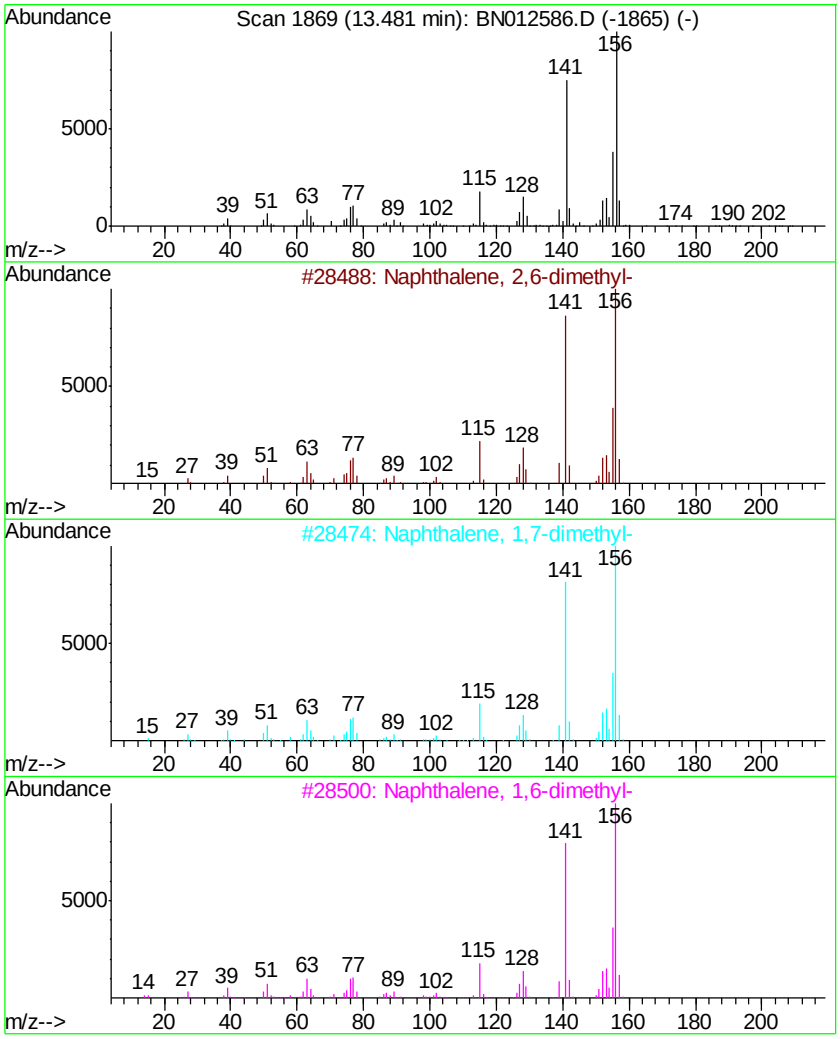
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

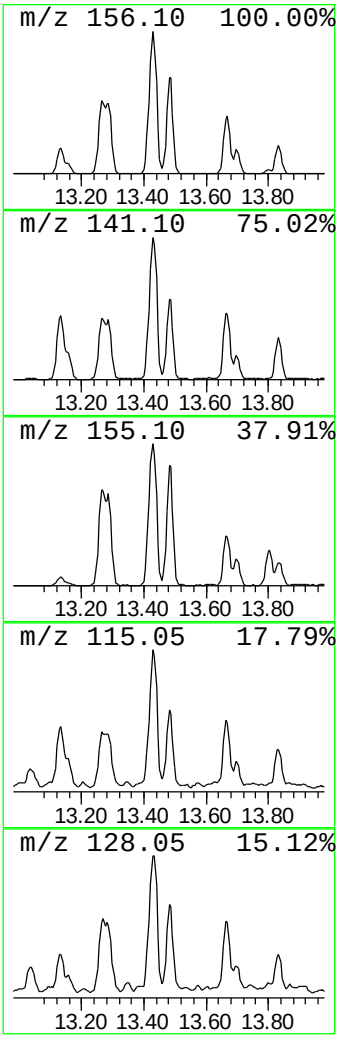
****

Peak Number 20 Naphthalene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	22.87 ng/ul	4819860	Acenaphthene-d10	14.11

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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Library Search Compound Report

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Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

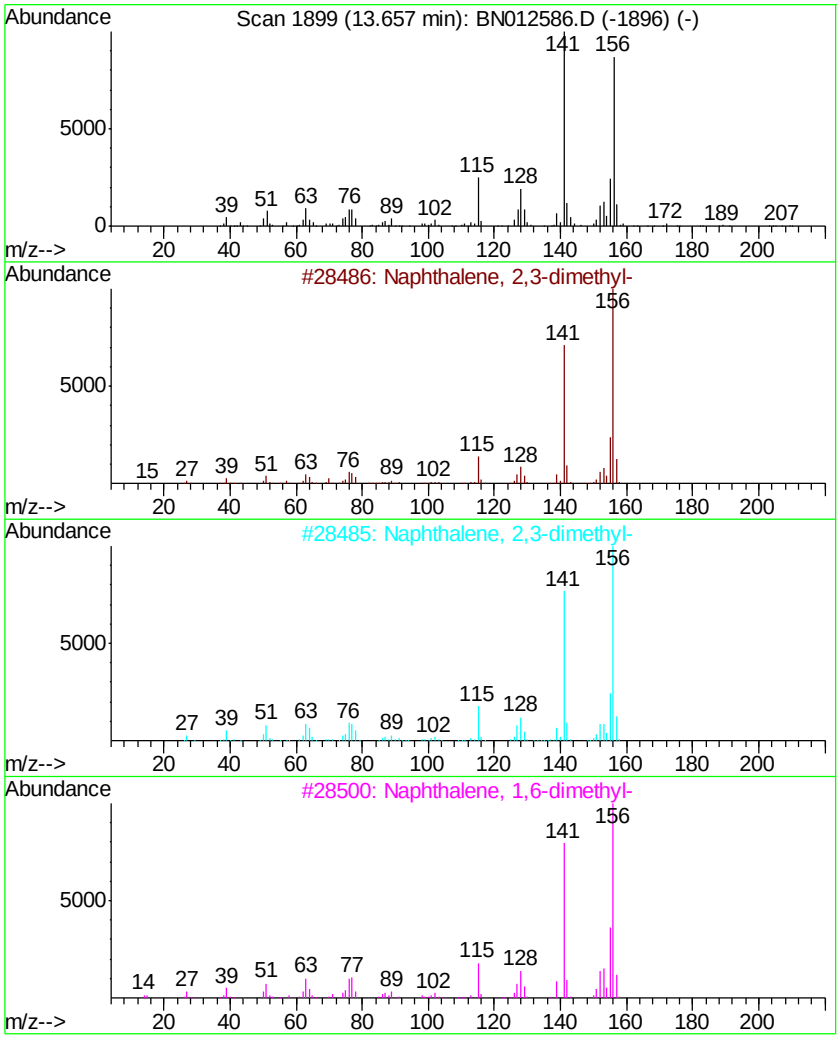
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

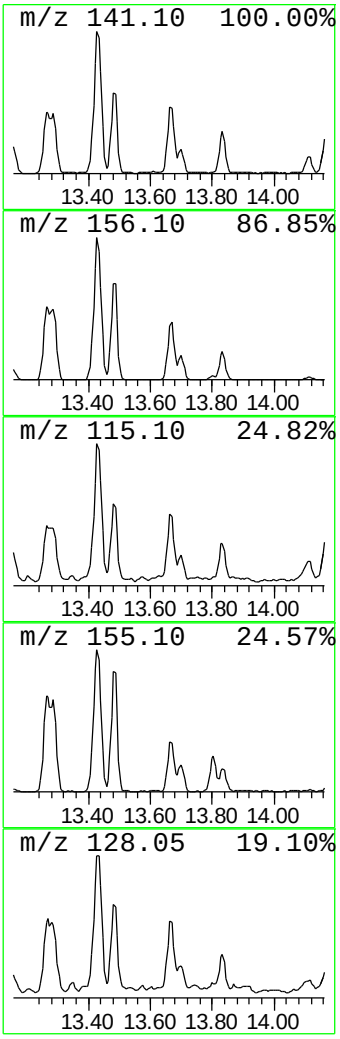
****

Peak Number 21 Naphthalene, 2,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	15.95 ng/ul	3361890	Acenaphthene-d10	14.11

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





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Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

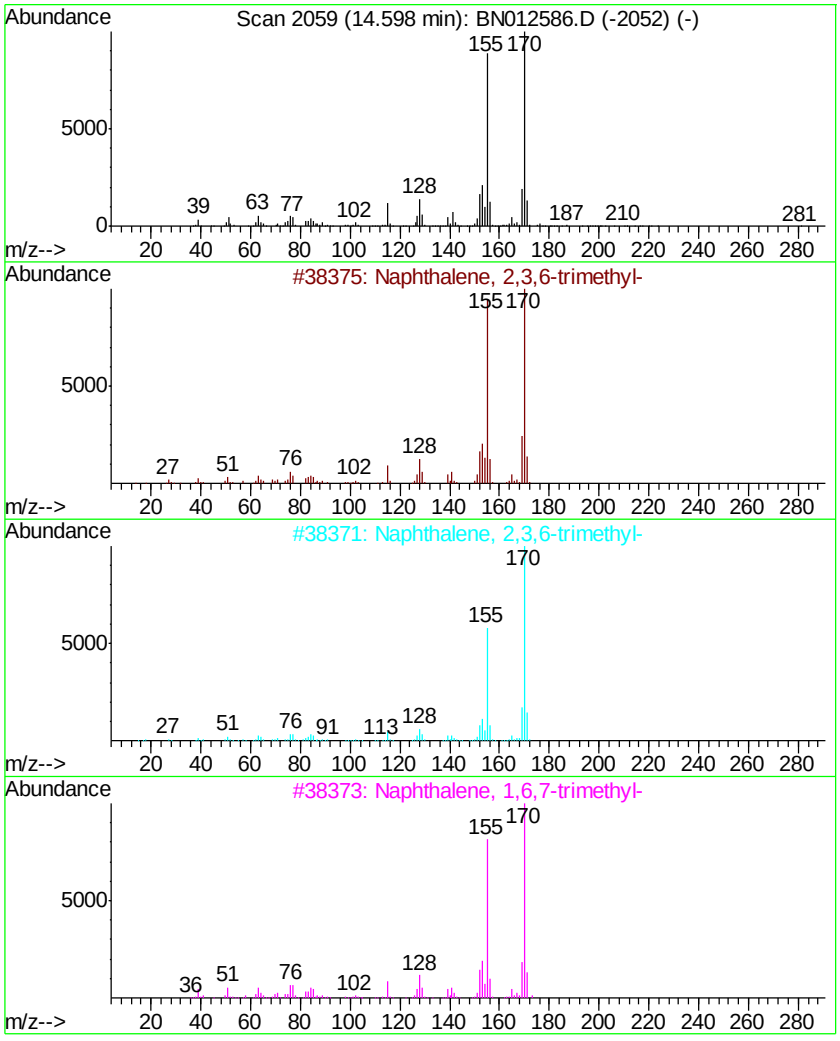
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

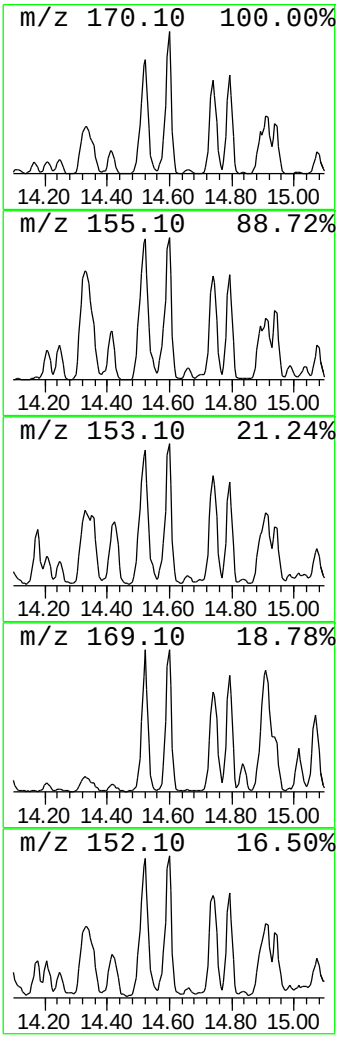
****

Peak Number 25 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	25.40 ng/ul	5352490	Acenaphthene-d10	14.11

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

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

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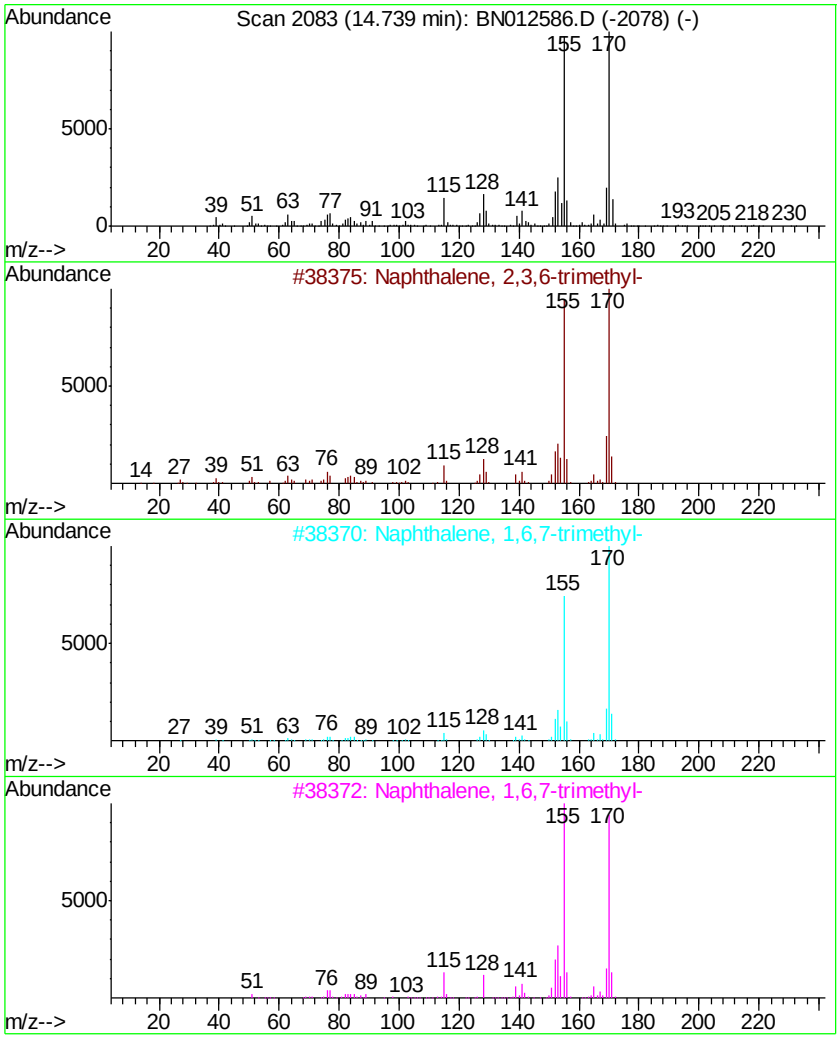
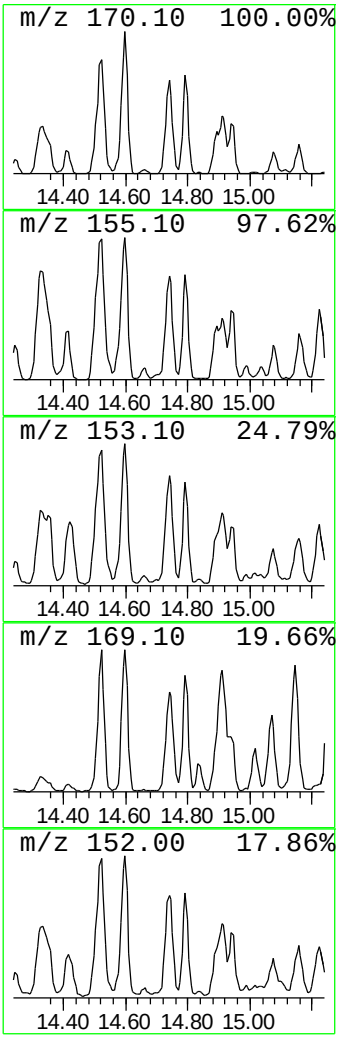
Peak Number 27 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	22.39 ng/ul	4719190	Acenaphthene-d10	14.11

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

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

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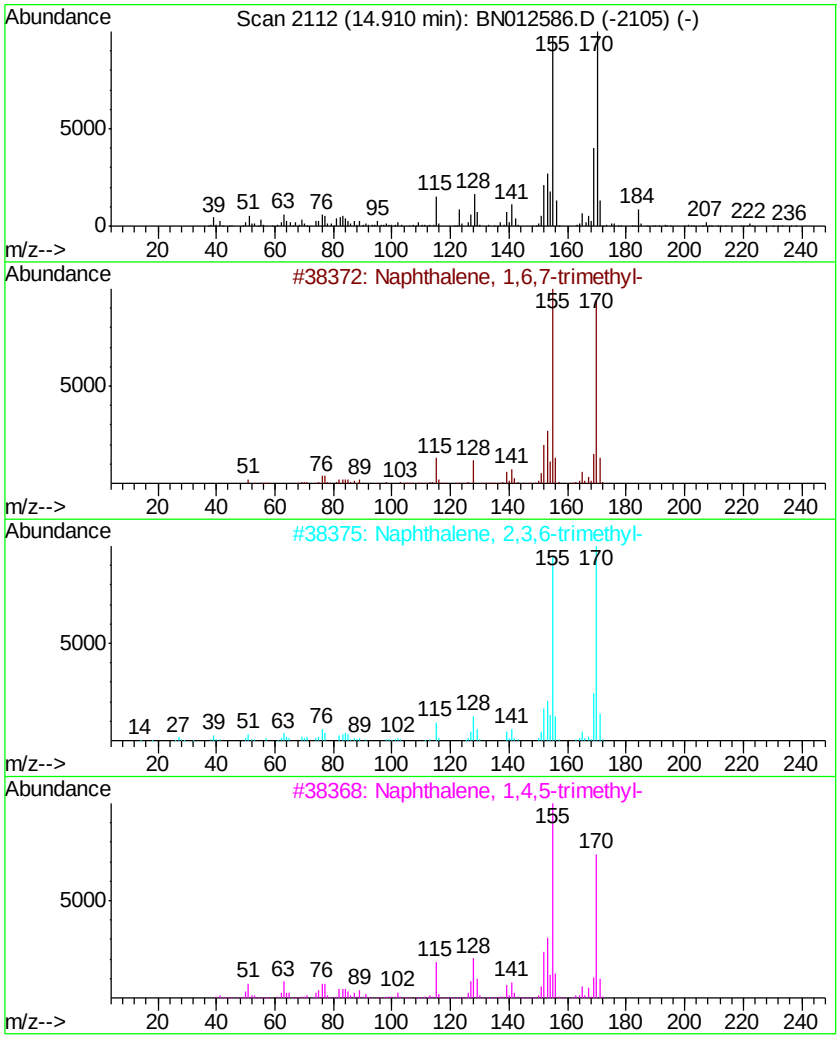
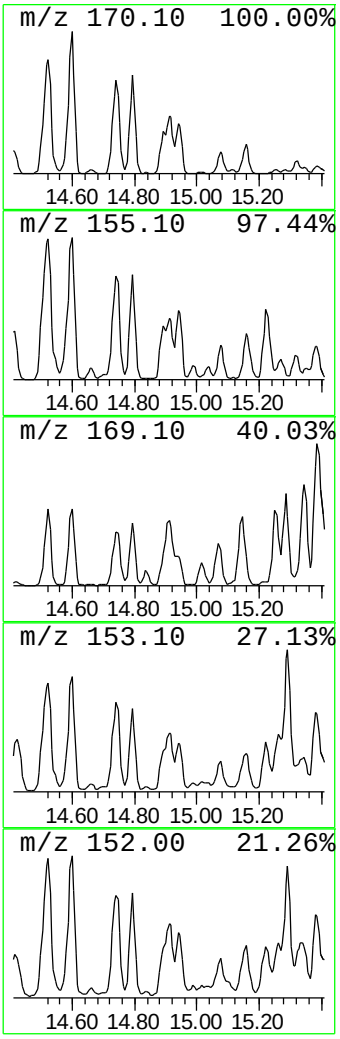
Peak Number 29 Naphthalene, 1,4,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	19.04 ng/ul	4013010	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

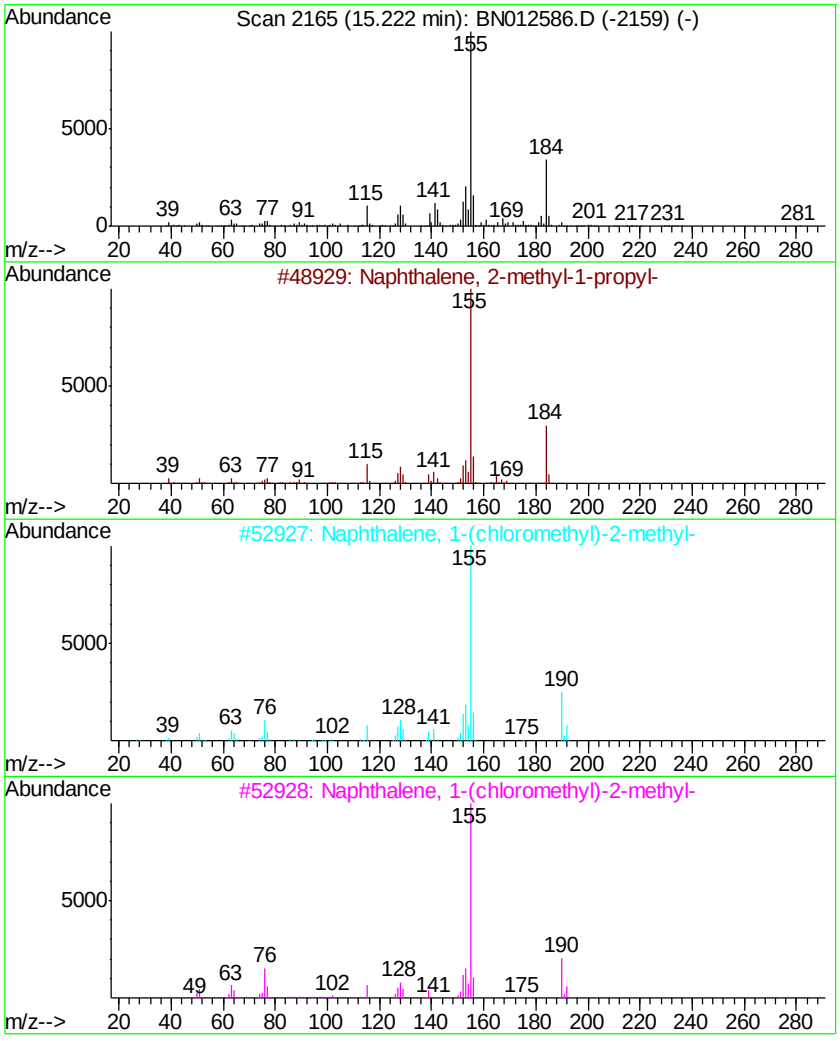
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

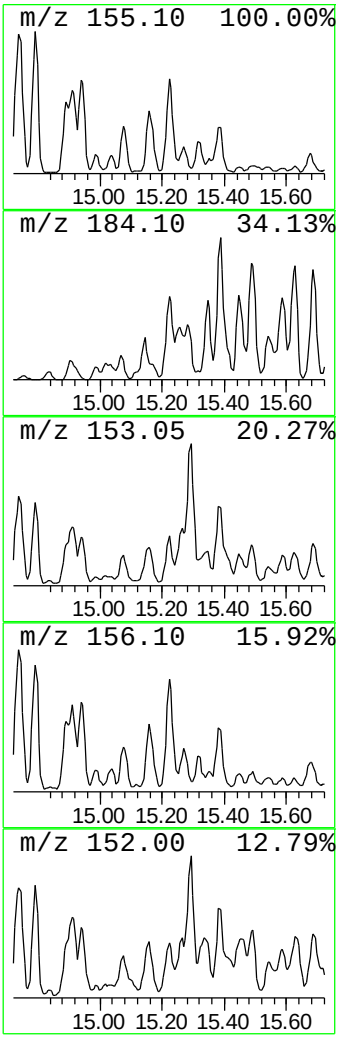
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Naphthalene, 2-methyl-1-pro... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	11.09 ng/ul	2338030	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	96
2	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	70
3	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	64
4	4-Ethyl-trans-3-thiabicyclo[4.4....	184	C11H20S	1000215-94-2	50
5	1-Naphthalen-1-yl-2-(1-phenyl-1H...	346	C19H14N4OS	1000295-34-4	47





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Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

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

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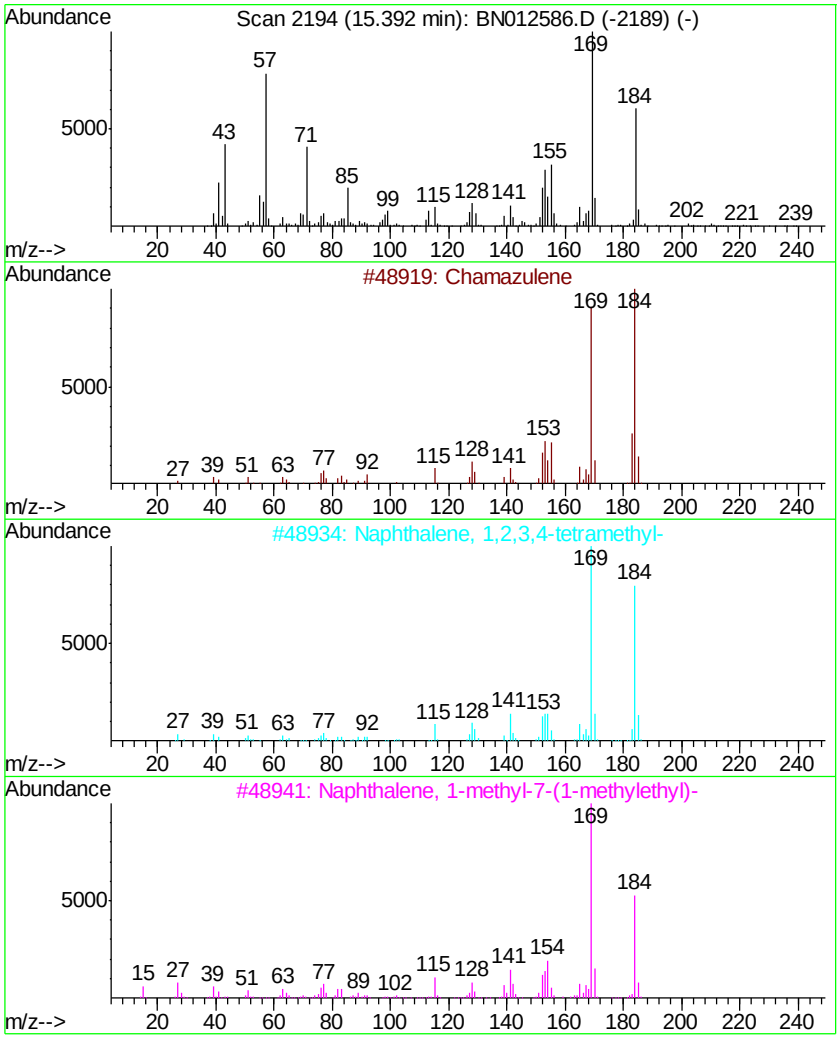
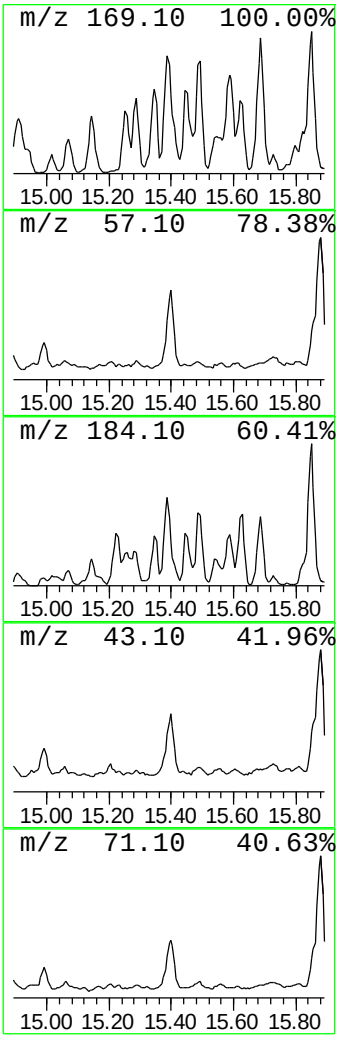
Peak Number 34 Chamazulene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	17.97 ng/ul	3787560	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	93
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	86
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	70
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	58
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	58





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Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

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

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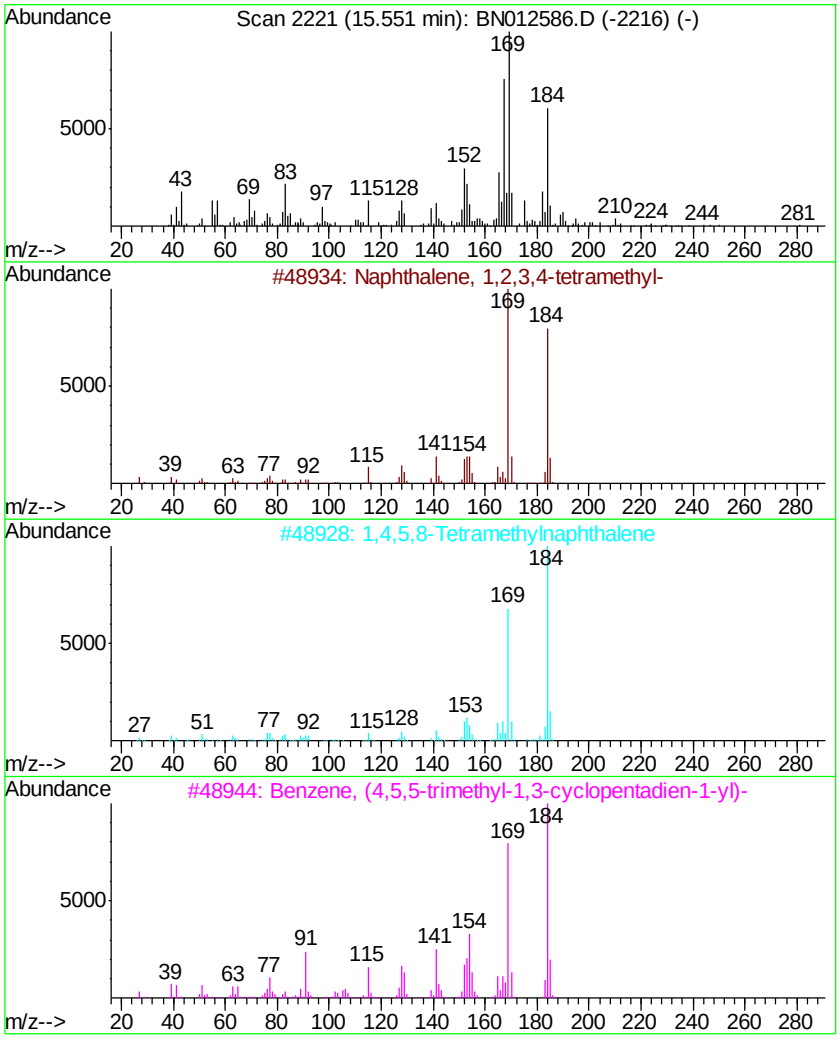
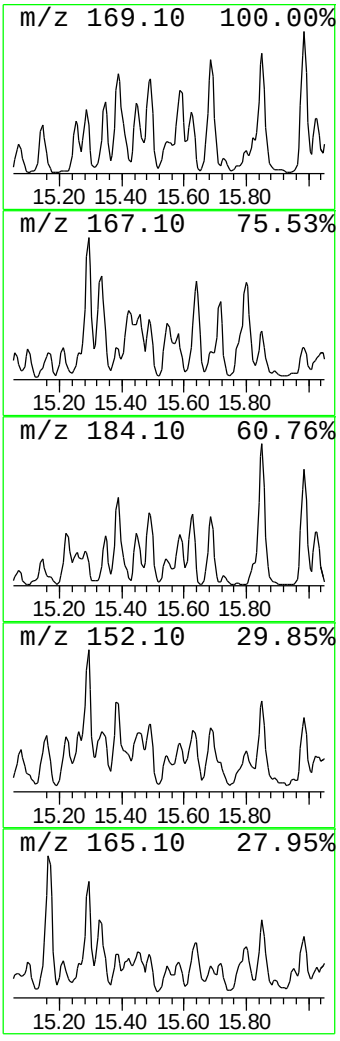
Peak Number 37 Naphthalene, 1,2,3,4-tetram... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	10.37 ng/ul	1265680	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	91
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	64
3	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	60
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	55
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	55





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Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

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

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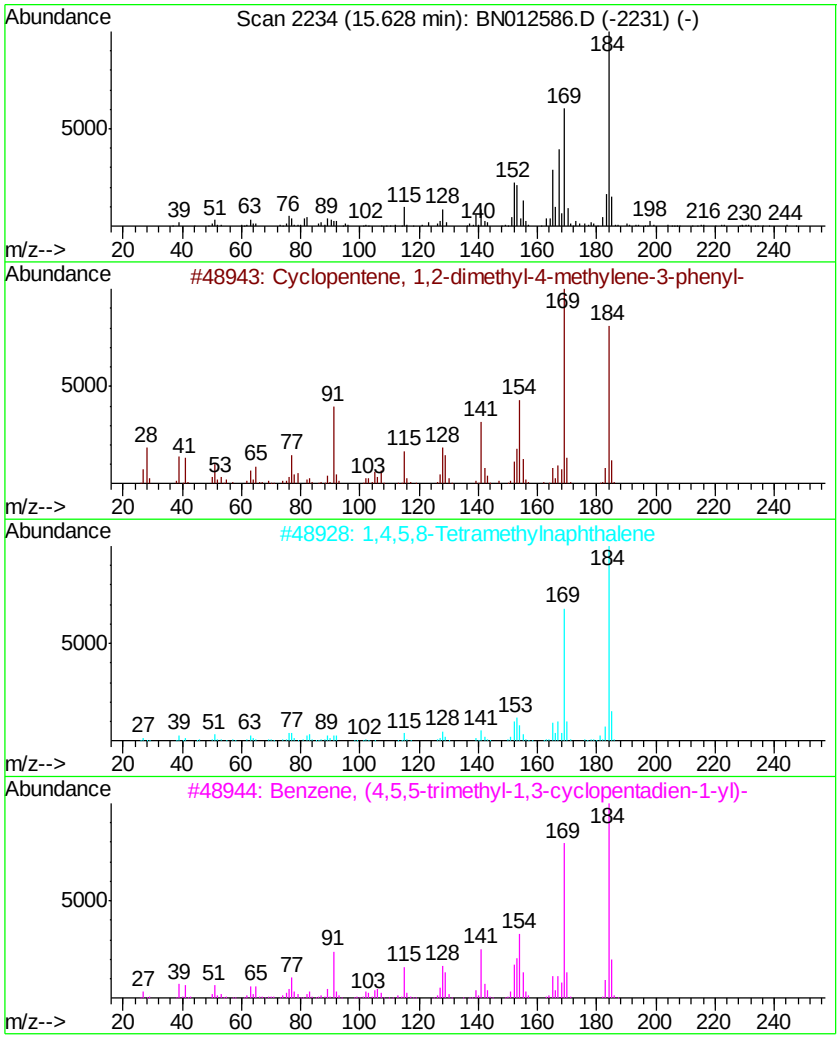
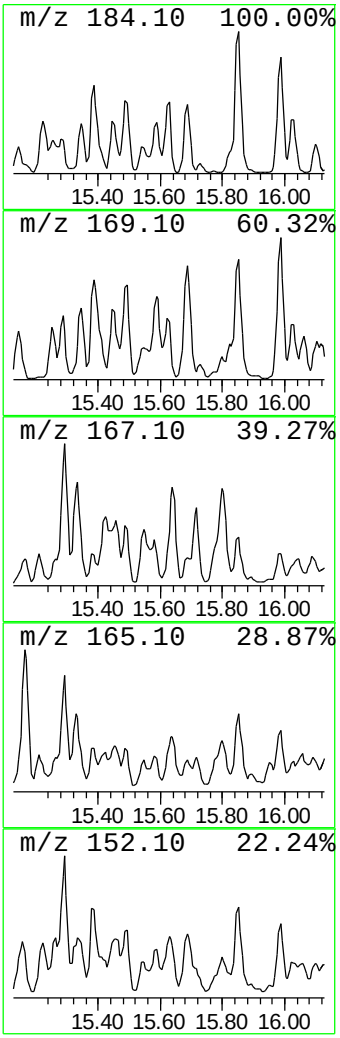
Peak Number 39 Cyclopentene, 1,2-dimethyl-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	12.66 ng/ul	1544810	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	58
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	58
3	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	49
4	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	47
5	3-Biphenylmethanol	184	C13H12O	069605-90-9	47





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Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

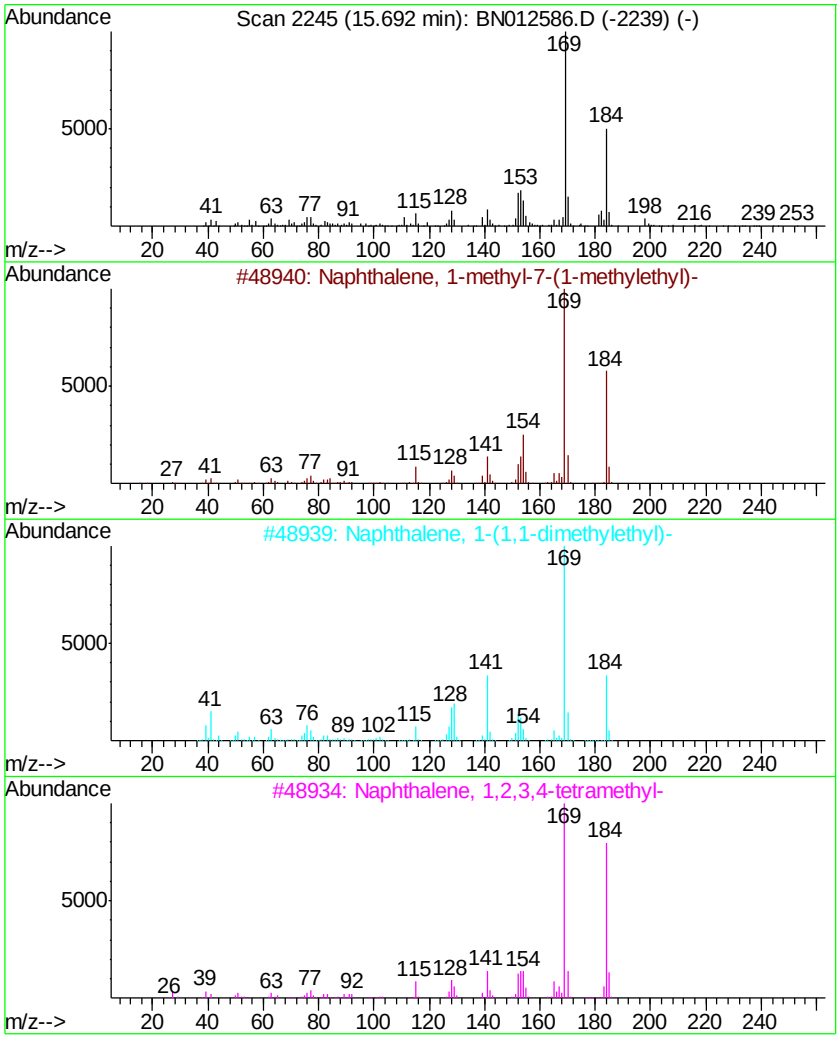
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

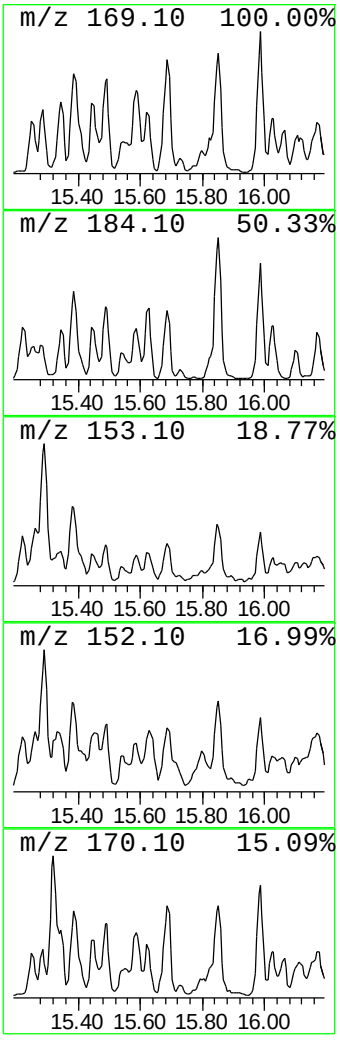
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Naphthalene, 1-methyl-7-(1-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	17.24 ng/ul	2104790	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	90
2	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	87
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	86
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	83
5	Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

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

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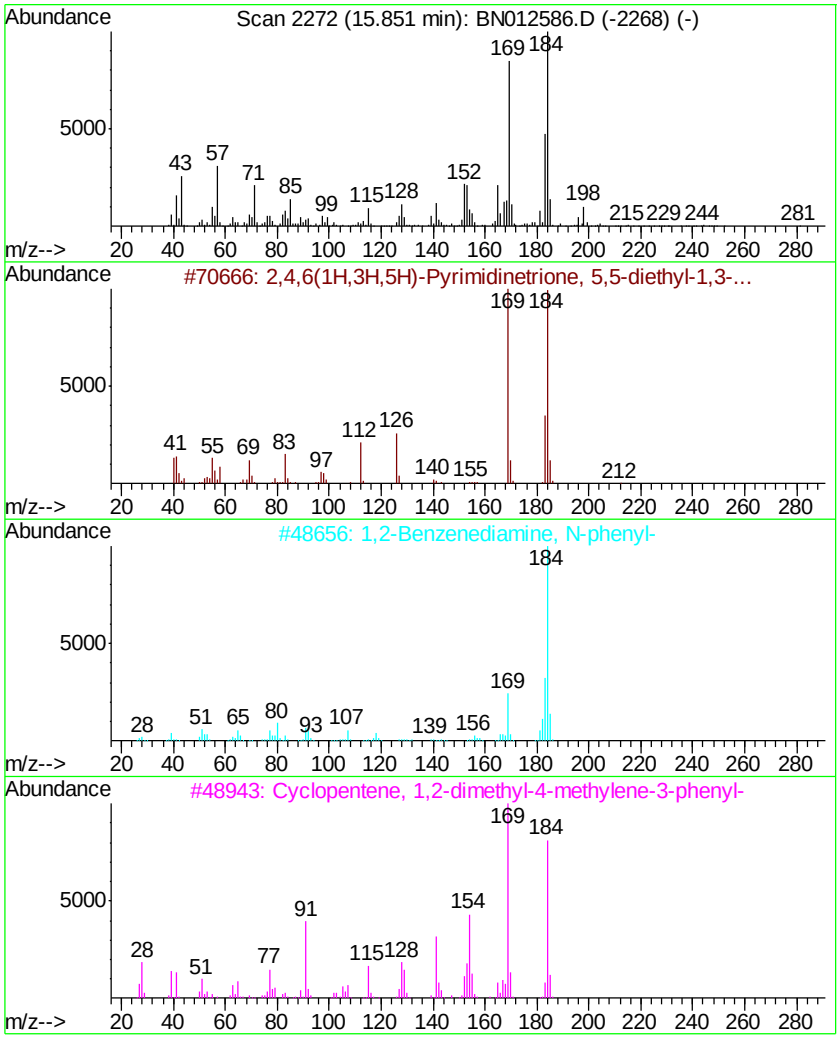
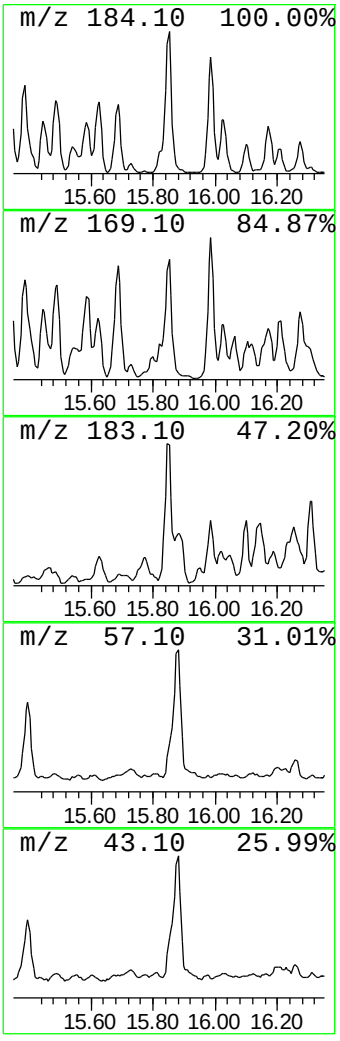
Peak Number 42 2,4,6(1H,3H,5H)-Pyrimidinet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	27.64 ng/ul	3373620	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6(1H,3H,5H)-Pyrimidinetrione...	212	C10H16N2O3	000714-59-0	76
2	1,2-Benzenediamine, N-phenyl-	184	C12H12N2	000534-85-0	64
3	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	64
4	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	62
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	58





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Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

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

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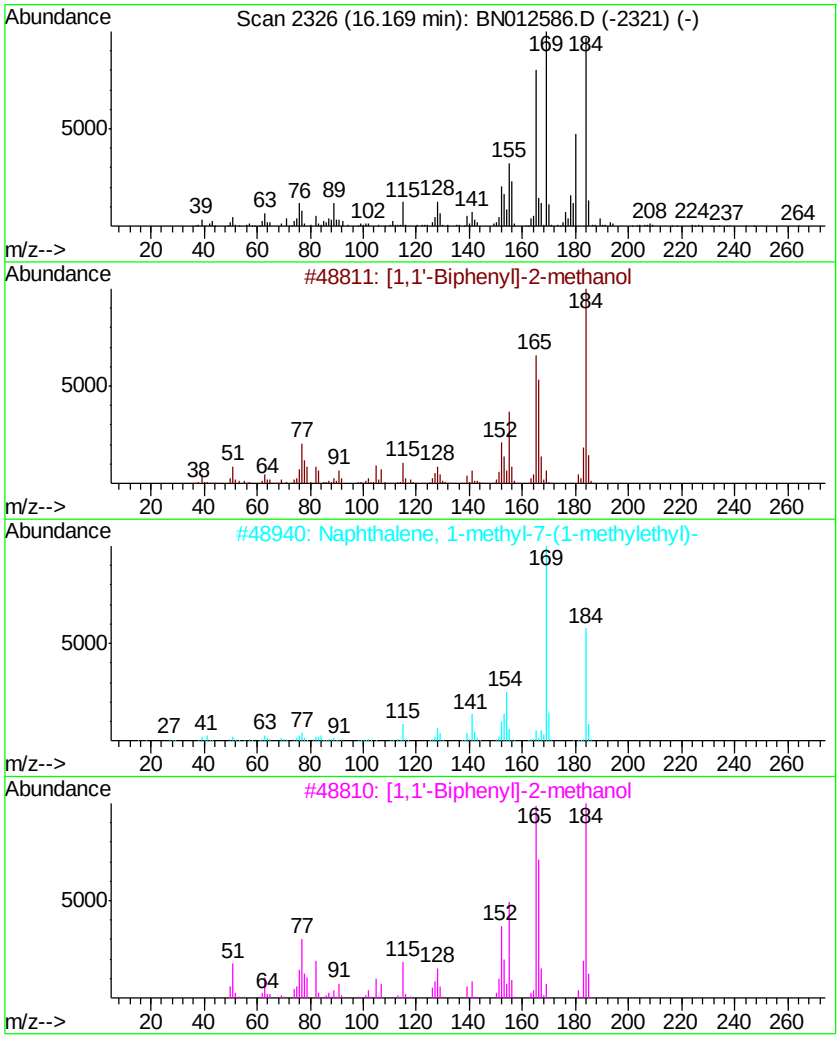
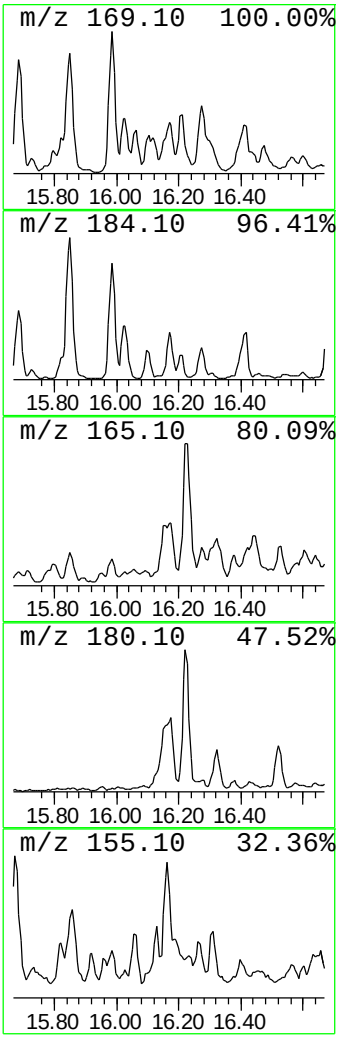
Peak Number 46 [1,1'-Biphenyl]-2-methanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	18.32 ng/ul	2236700	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-2-methanol	184	C13H12O	002928-43-0	78
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	50
3	[1,1'-Biphenyl]-2-methanol	184	C13H12O	002928-43-0	46
4	Chamazulene	184	C14H16	000529-05-5	46
5	[1,1'-Biphenyl]-2-methanol	184	C13H12O	002928-43-0	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

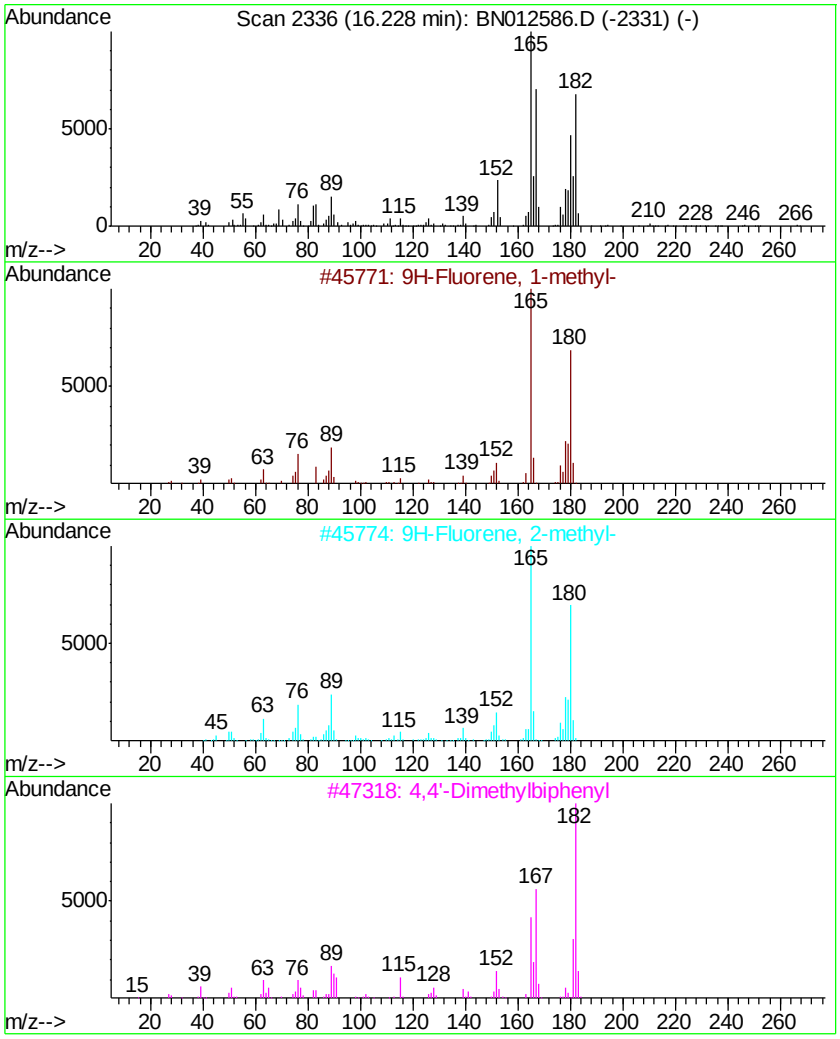
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

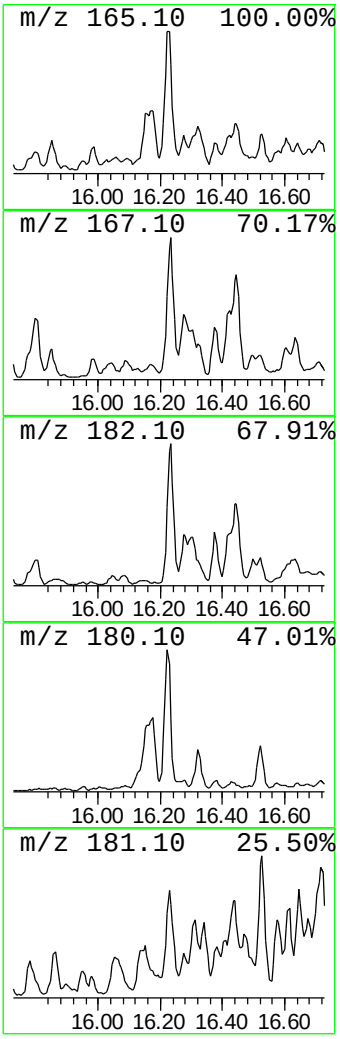
****

Peak Number 47 9H-Fluorene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	28.63 ng/ul	3495030	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	49
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	47
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	46





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Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

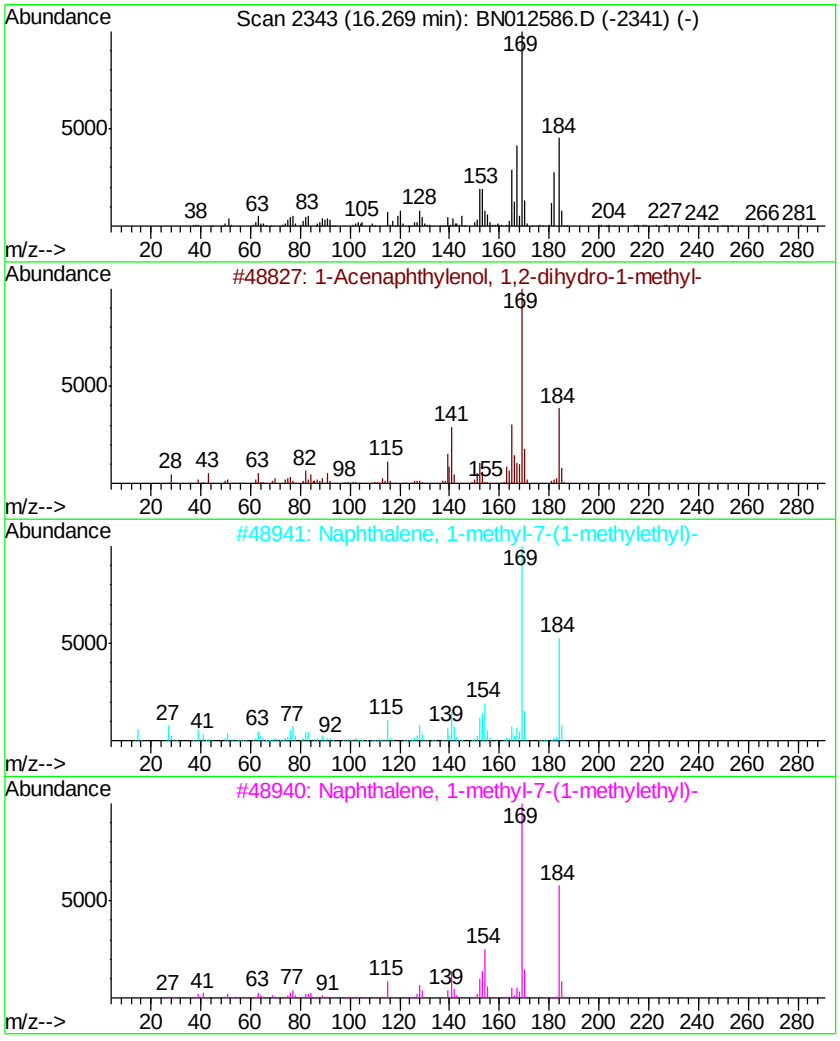
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

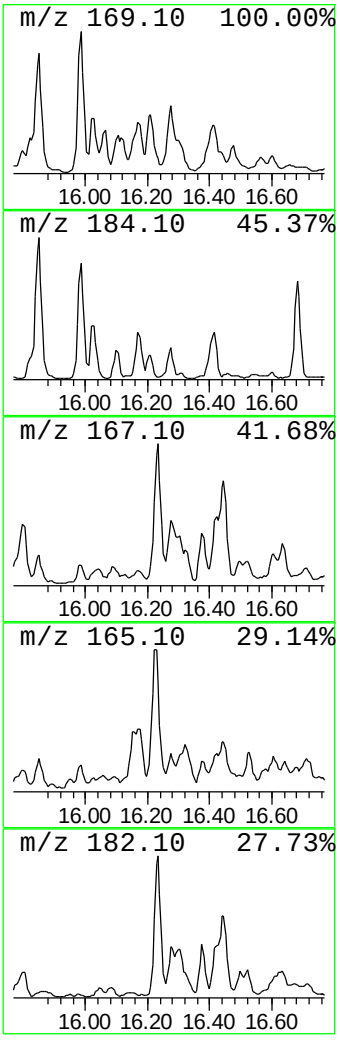
****

Peak Number 48 1-Acenaphthylenol, 1,2-dihy... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	10.24 ng/ul	1249690	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthylenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	53
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	43
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	38
4	Norpheniramine acetate	268	C17H20N2O	117540-10-0	37
5	Heptanal, diethylhydrazone	184	C11H24N2	075268-03-0	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

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

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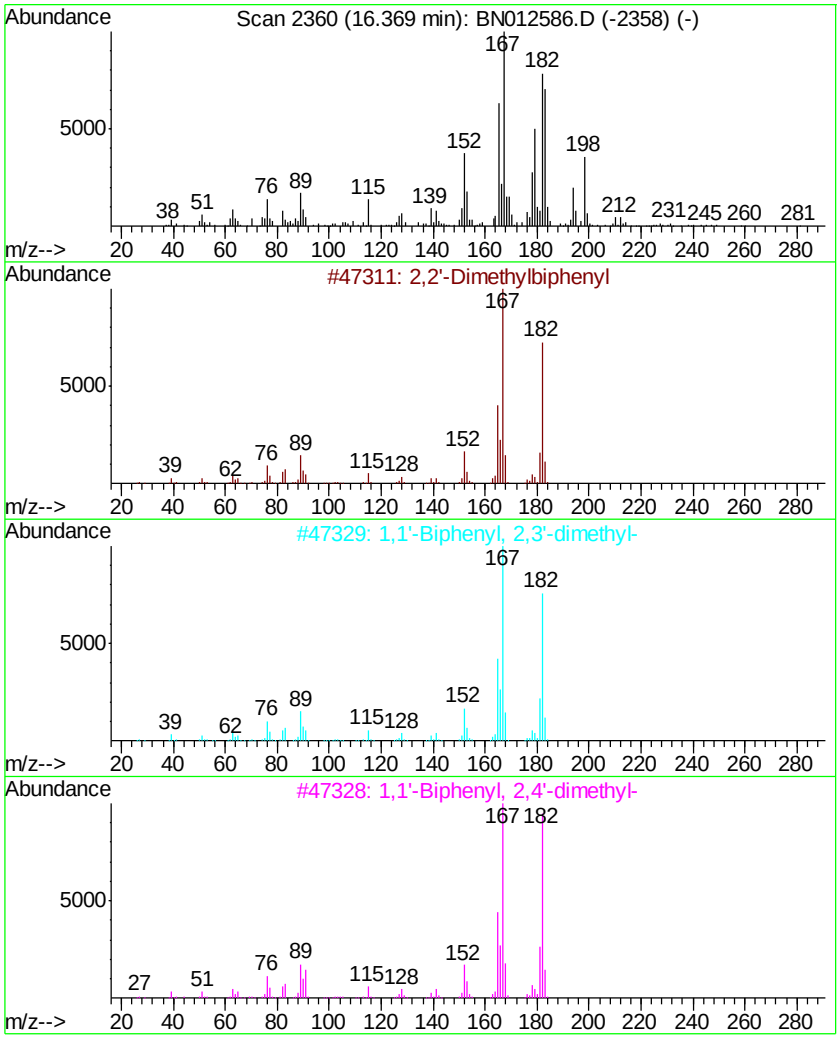
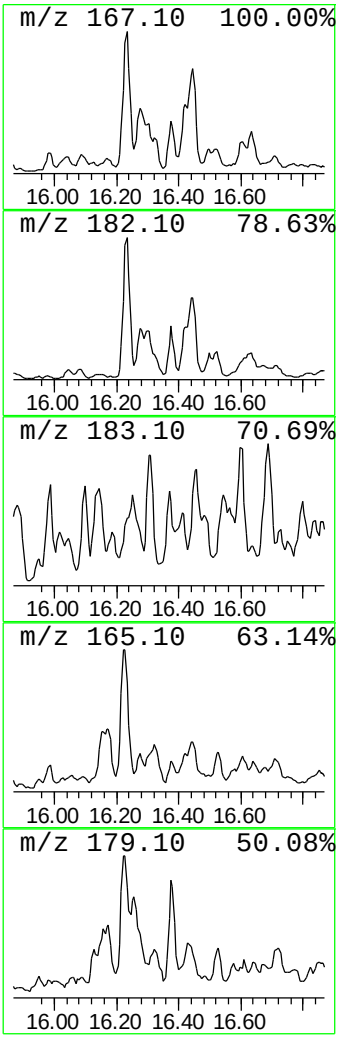
Peak Number 50 2,2'-Dimethylbiphenyl Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	8.55 ng/ul	1043570	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	64
2	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	64
3	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	60
4	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	58
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	55





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Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

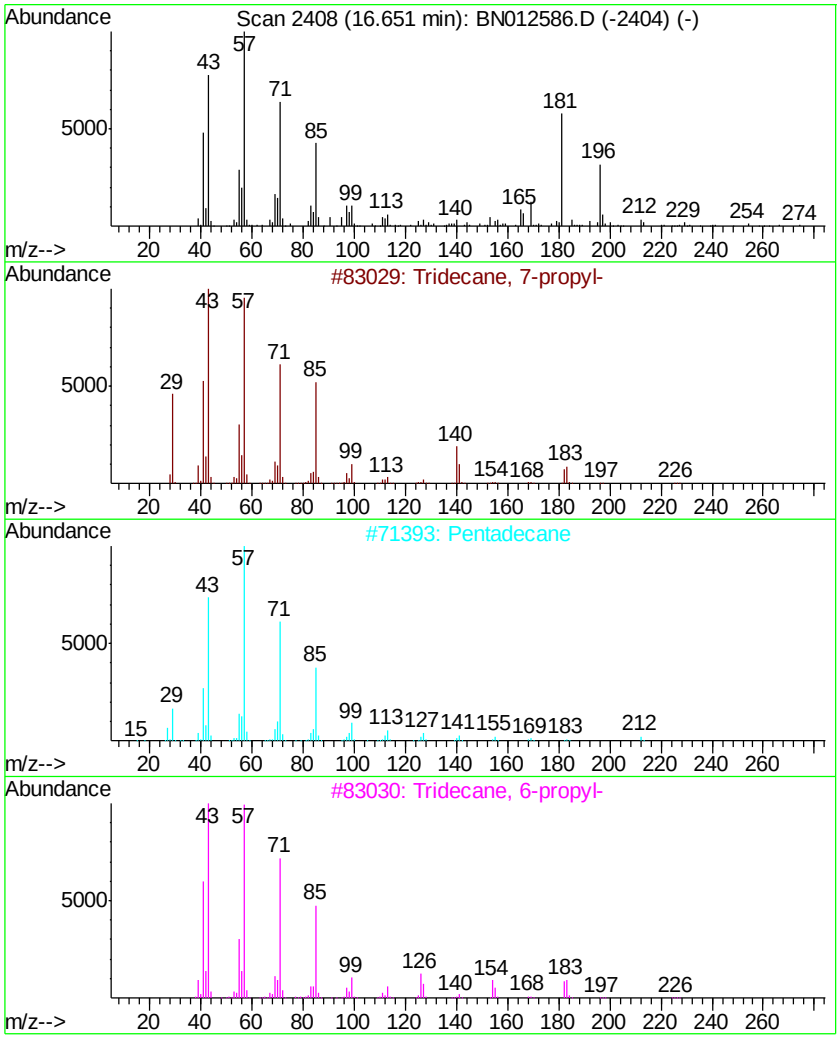
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

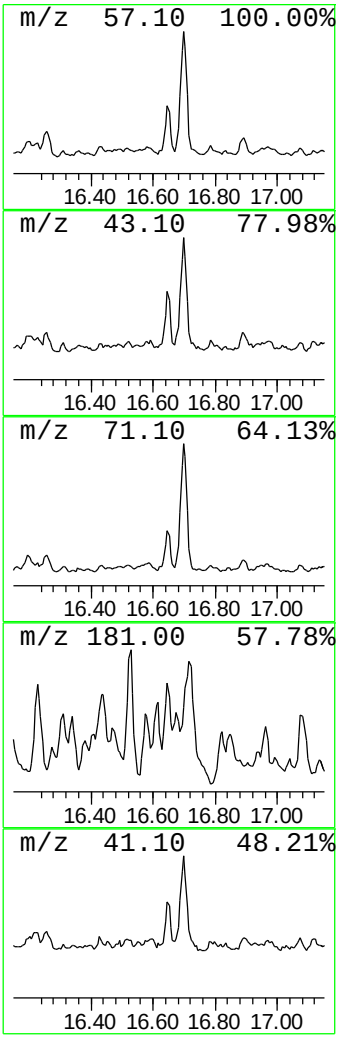
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	9.81 ng/ul	1197890	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
2	Pentadecane	212	C15H32	000629-62-9	70
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	64
4	Pentadecane	212	C15H32	000629-62-9	60
5	Hexadecane	226	C16H34	000544-76-3	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

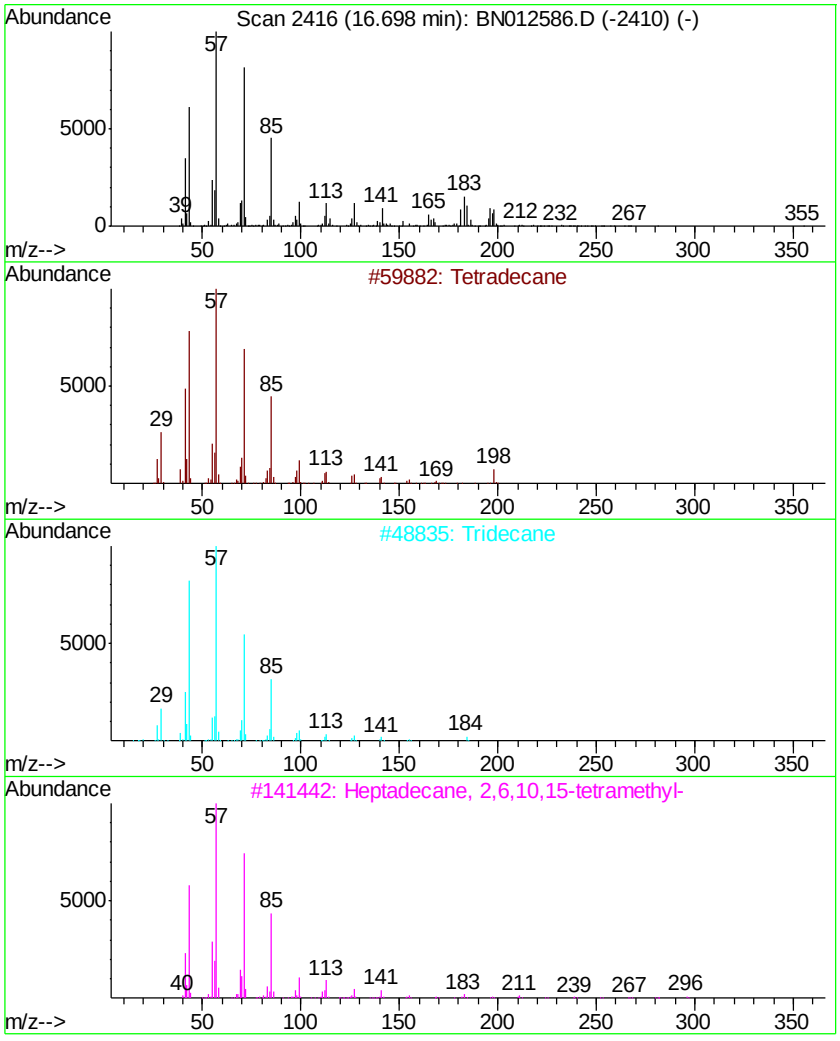
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

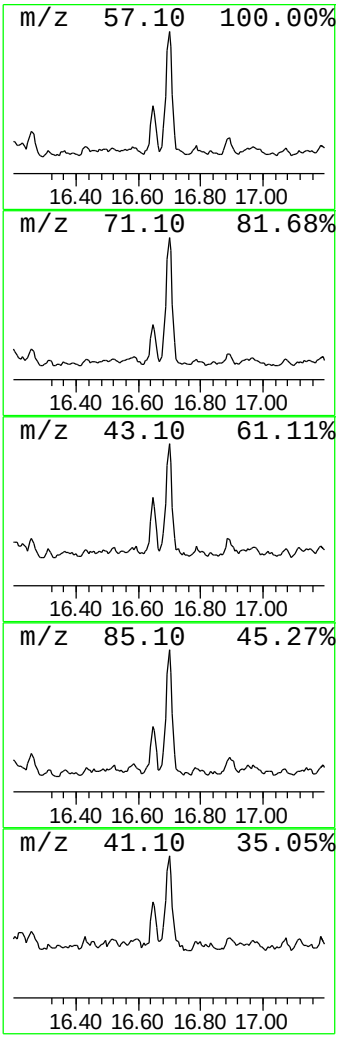
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	34.25 ng/ul	4181500	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	89
2	Tridecane	184	C13H28	000629-50-5	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68
4	Tridecane	184	C13H28	000629-50-5	64
5	Hexadecane	226	C16H34	000544-76-3	64





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Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

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

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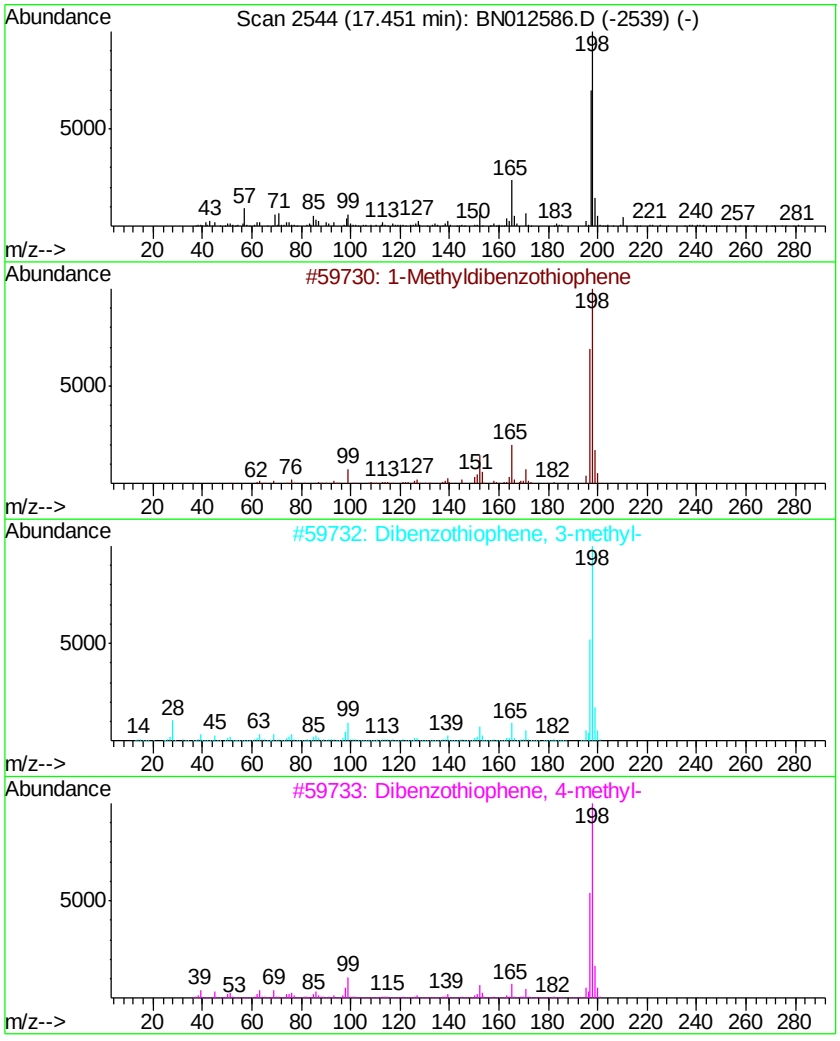
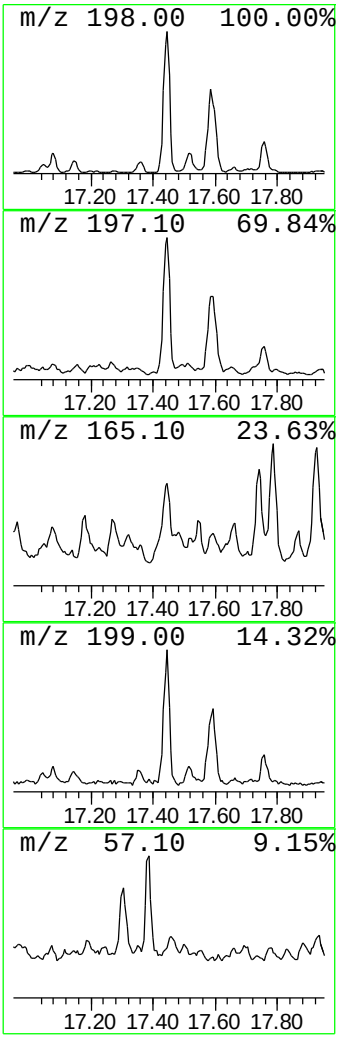
Peak Number 56 1-Methyldibenzothiophene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	11.29 ng/ul	1378730	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	90
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
4	Thioxanthene	198	C13H10S	000261-31-4	70
5	Tacrine	198	C13H14N2	000321-64-2	64





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Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

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

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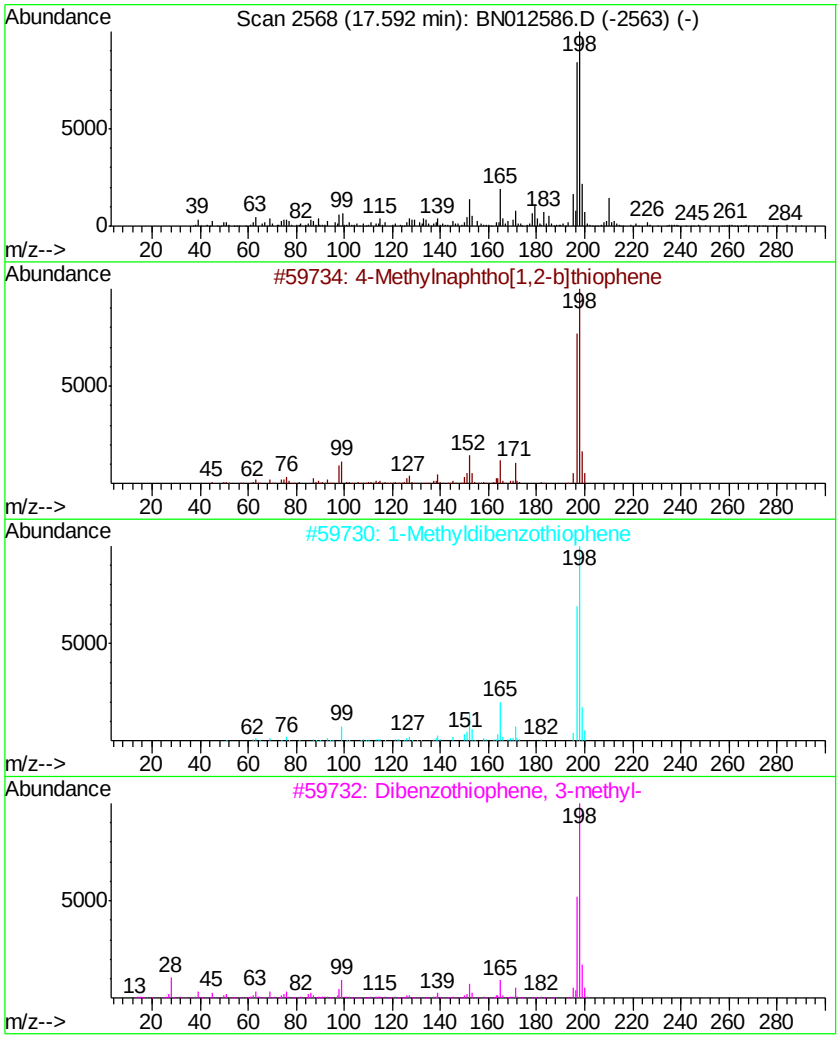
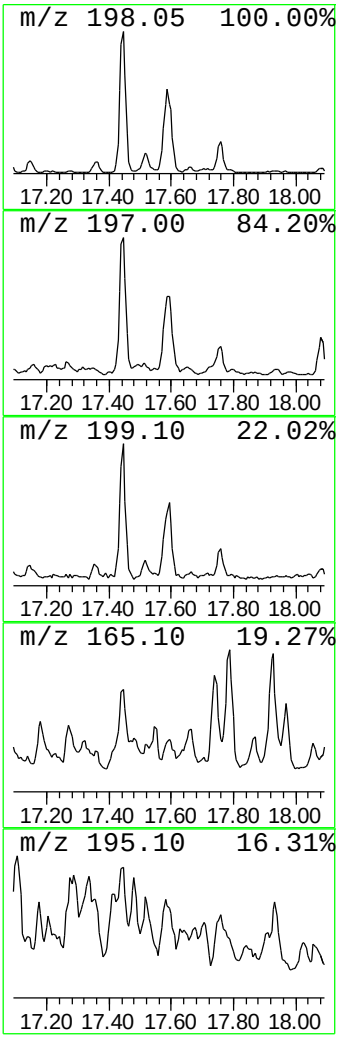
Peak Number 57 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	10.05 ng/ul	1227050	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	94
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	93
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	83
5	Tacrine	198	C13H14N2	000321-64-2	64





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Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

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

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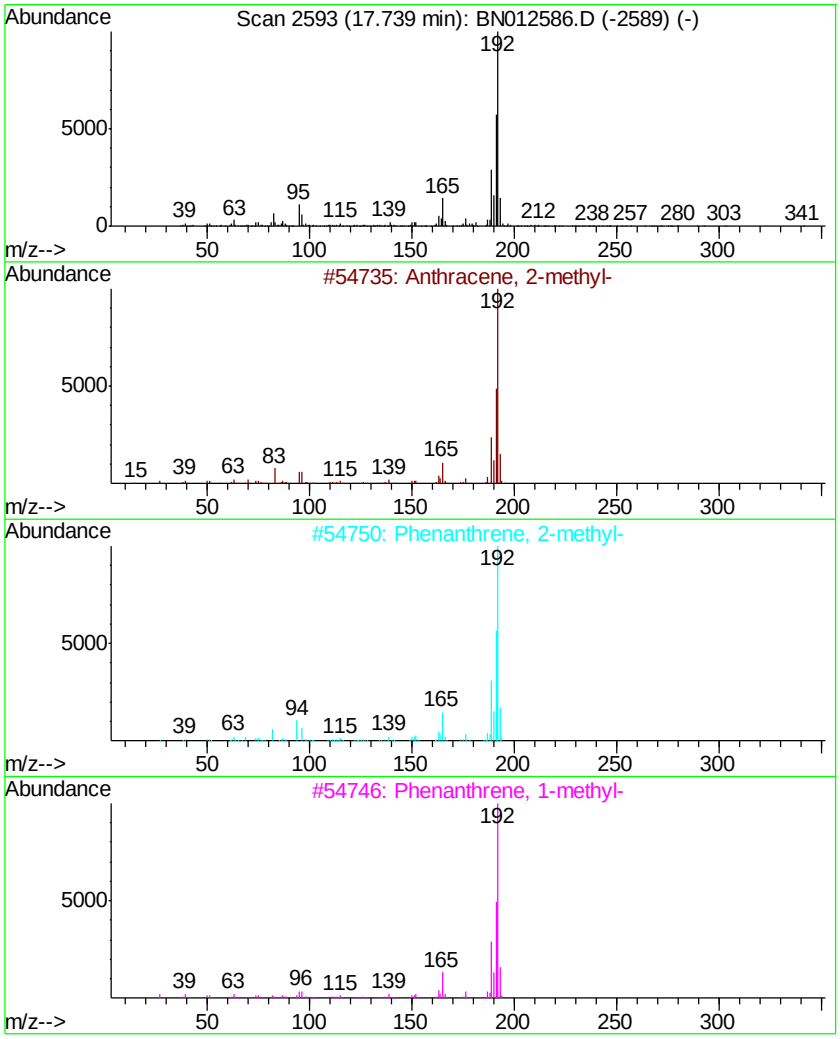
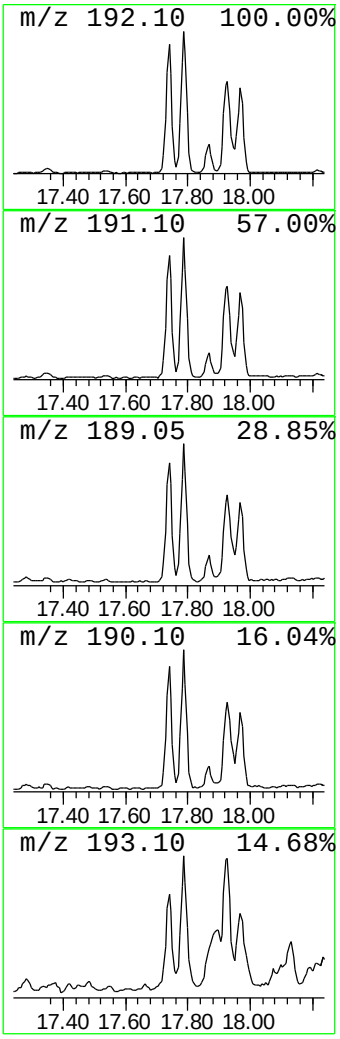
Peak Number 58 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	27.21 ng/ul	3321010	Phenanthrene-d10	16.86

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





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Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

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

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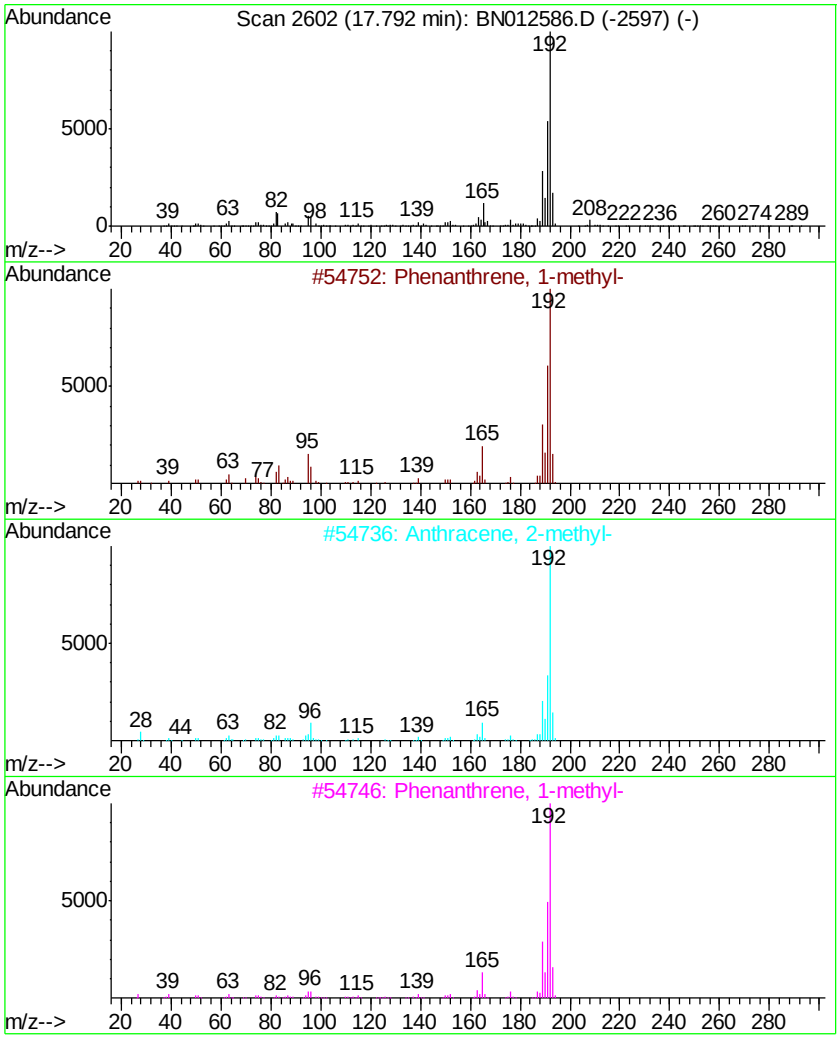
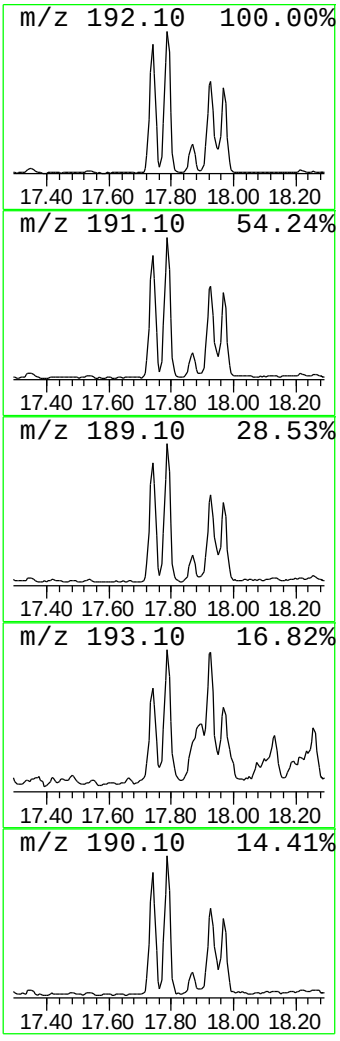
Peak Number 59 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	38.15 ng/ul	4656970	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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Quant Title : SVOA CALIBRATION

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

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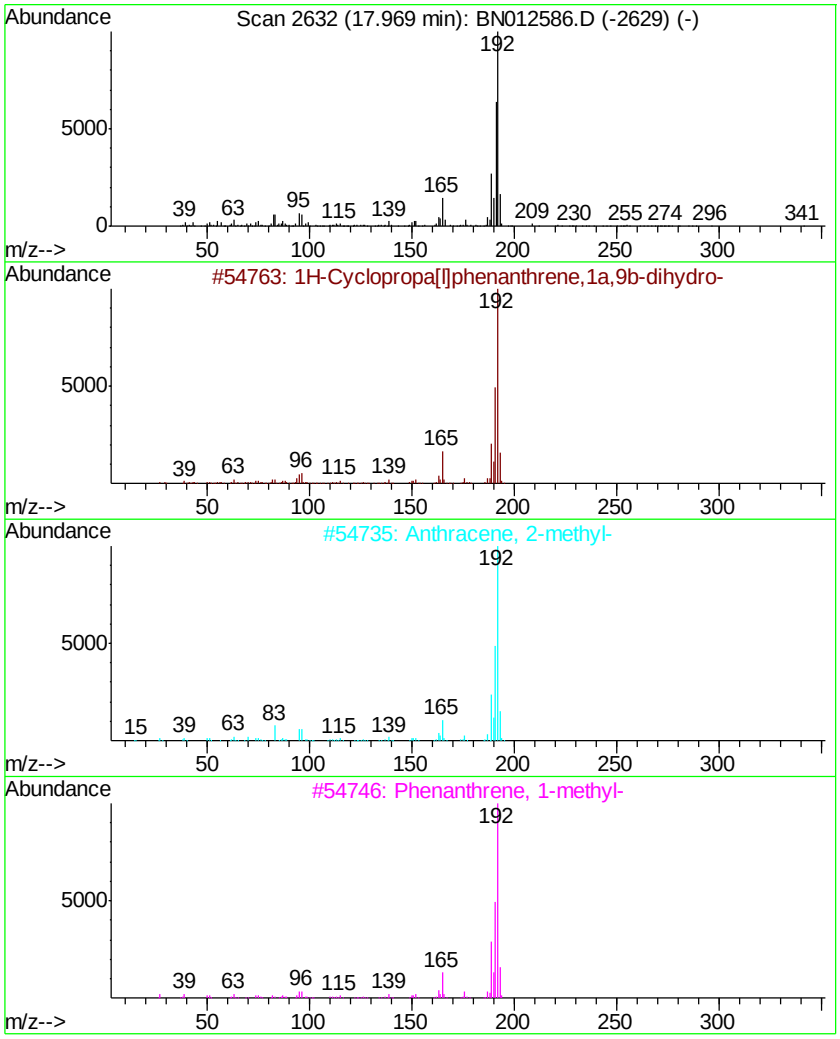
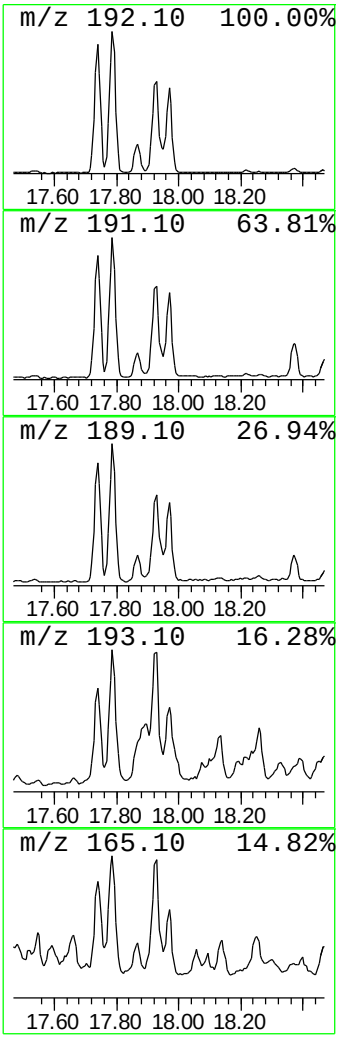
Peak Number 62 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	20.26 ng/ul	2472690	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





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Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

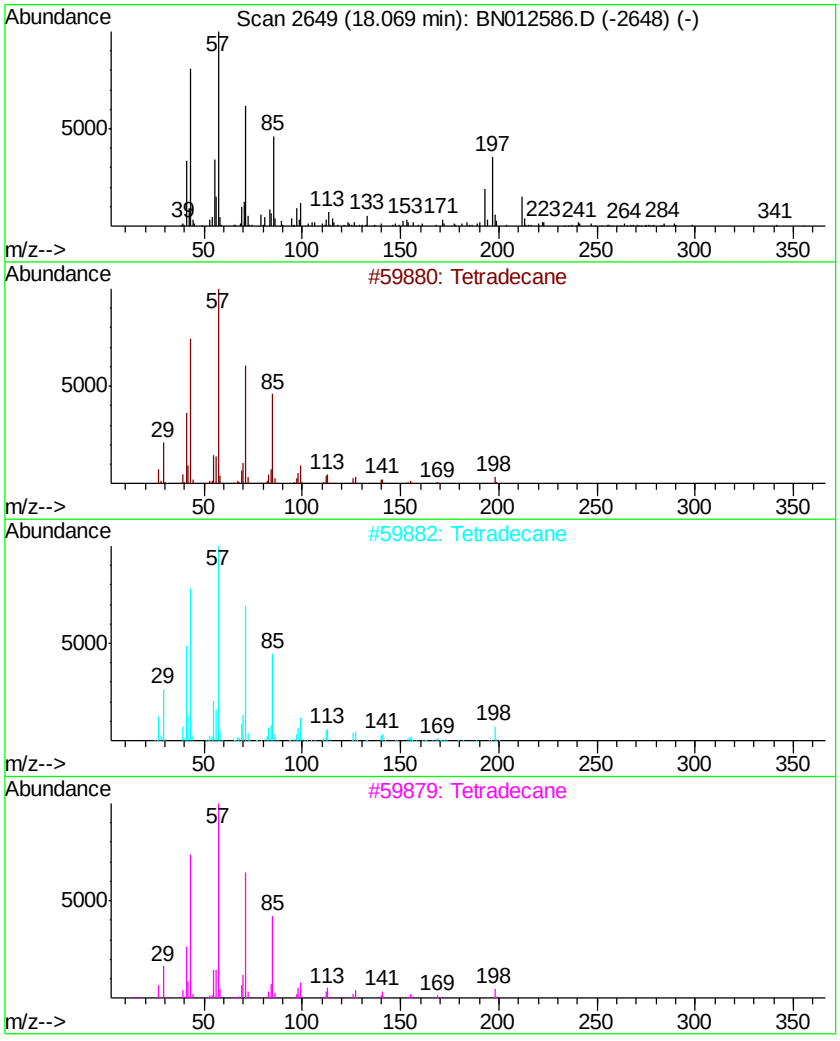
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

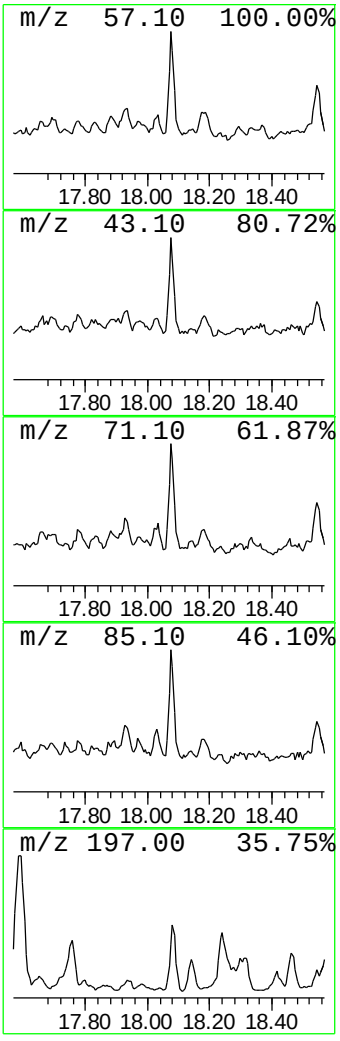
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	6.85 ng/ul	836701	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	92
2	Tetradecane	198	C14H30	000629-59-4	83
3	Tetradecane	198	C14H30	000629-59-4	78
4	Eicosane	282	C20H42	000112-95-8	70
5	1-Iodoundecane	282	C11H23I	004282-44-4	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

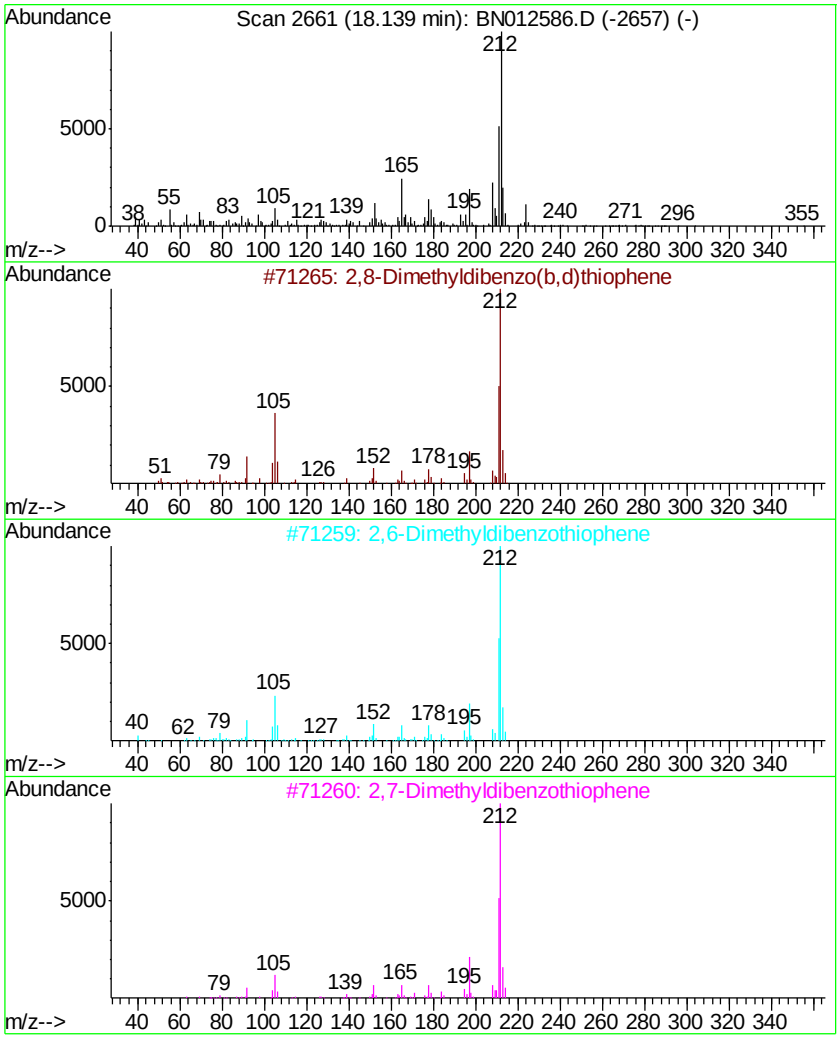
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

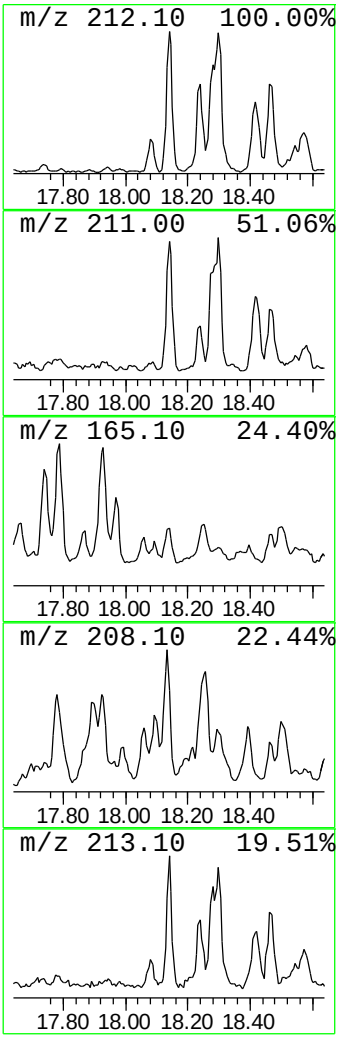
****

Peak Number 64 2,8-Dimethyldibenzo(b,d)thi... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	9.87 ng/ul	1205420	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	76
2	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	74
3	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	68
4	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	64
5	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

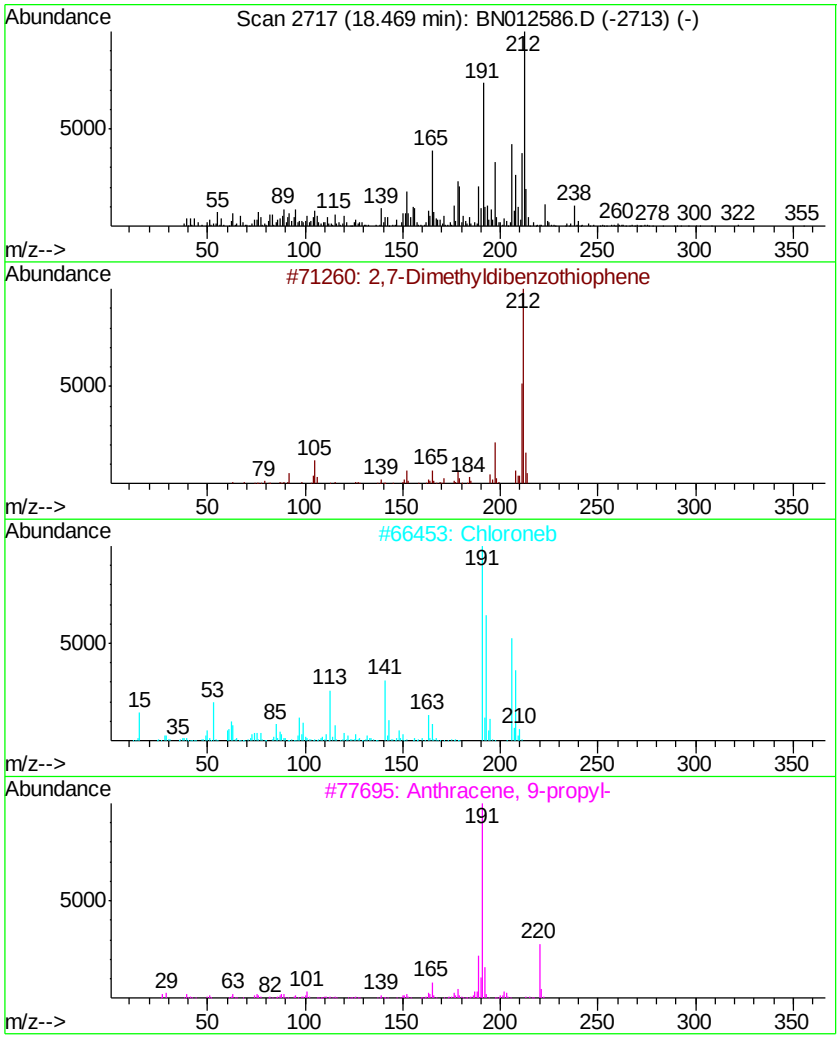
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

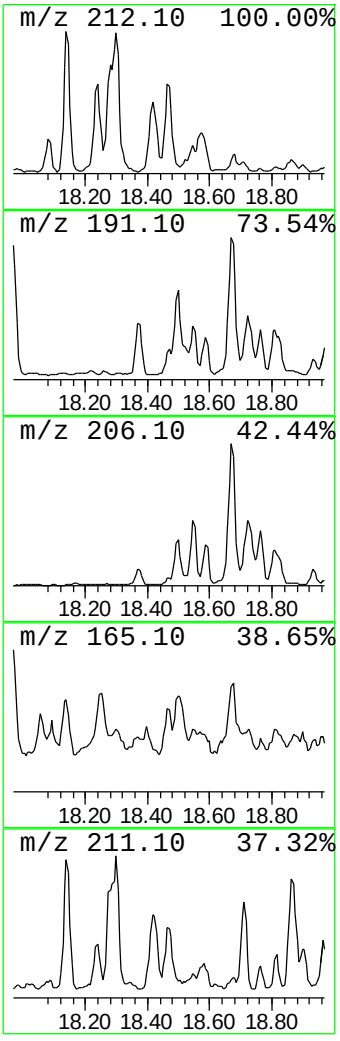
****

Peak Number 67 unknown-01 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	9.30 ng/ul	1134800	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	49
2	Chloroneb	206	C8H8Cl2O2	002675-77-6	46
3	Anthracene, 9-propyl-	220	C17H16	001498-77-7	41
4	(3H)Pyrazole, 3,5-diphenyl-3-met...	234	C16H14N2	022675-60-1	38
5	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	38





Library Search Compound Report

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Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

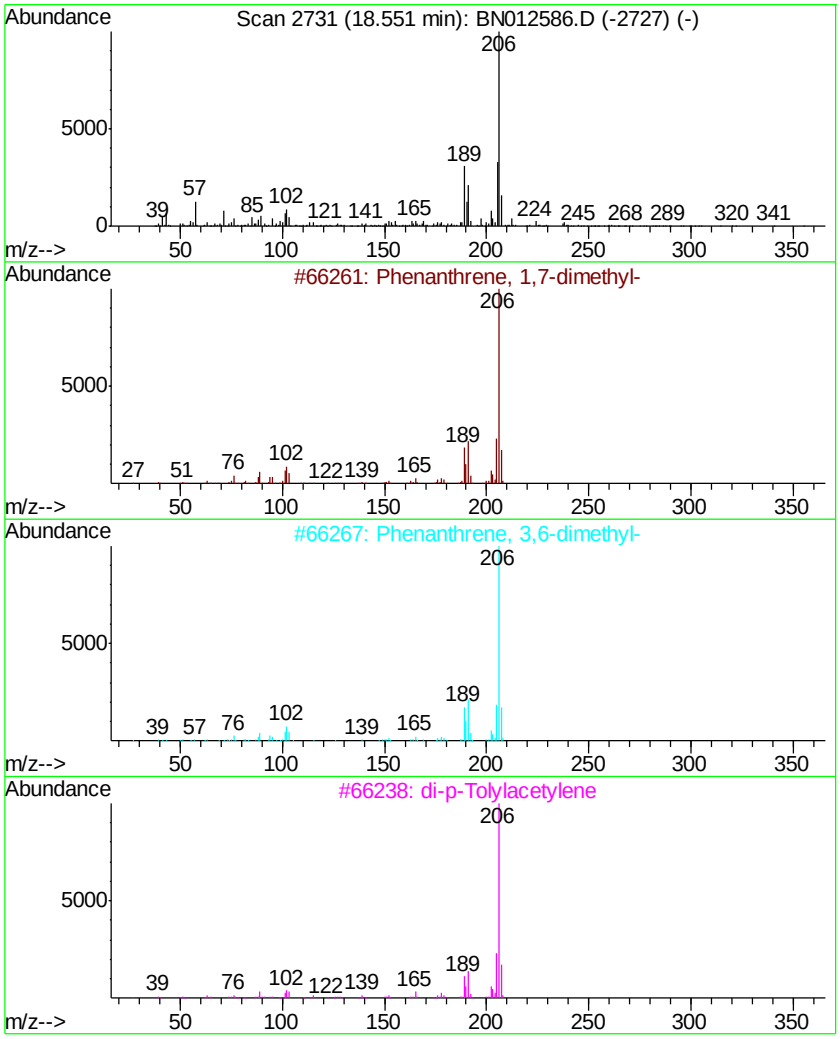
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

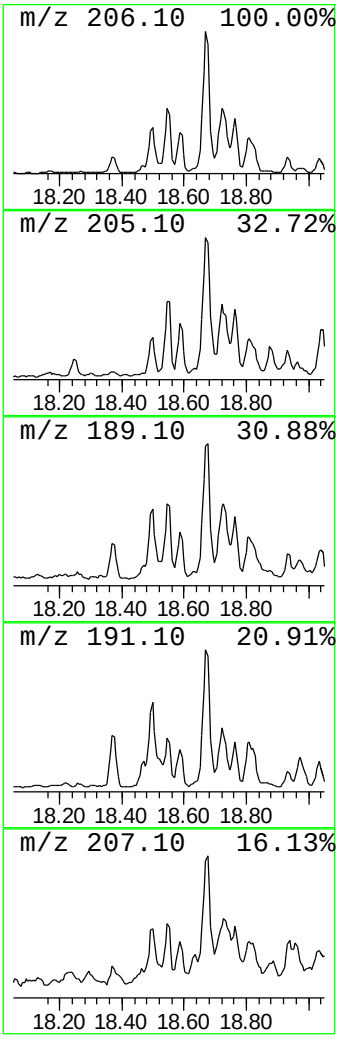
****

Peak Number 69 Phenanthrene, 1,7-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	10.53 ng/ul	1285700	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

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

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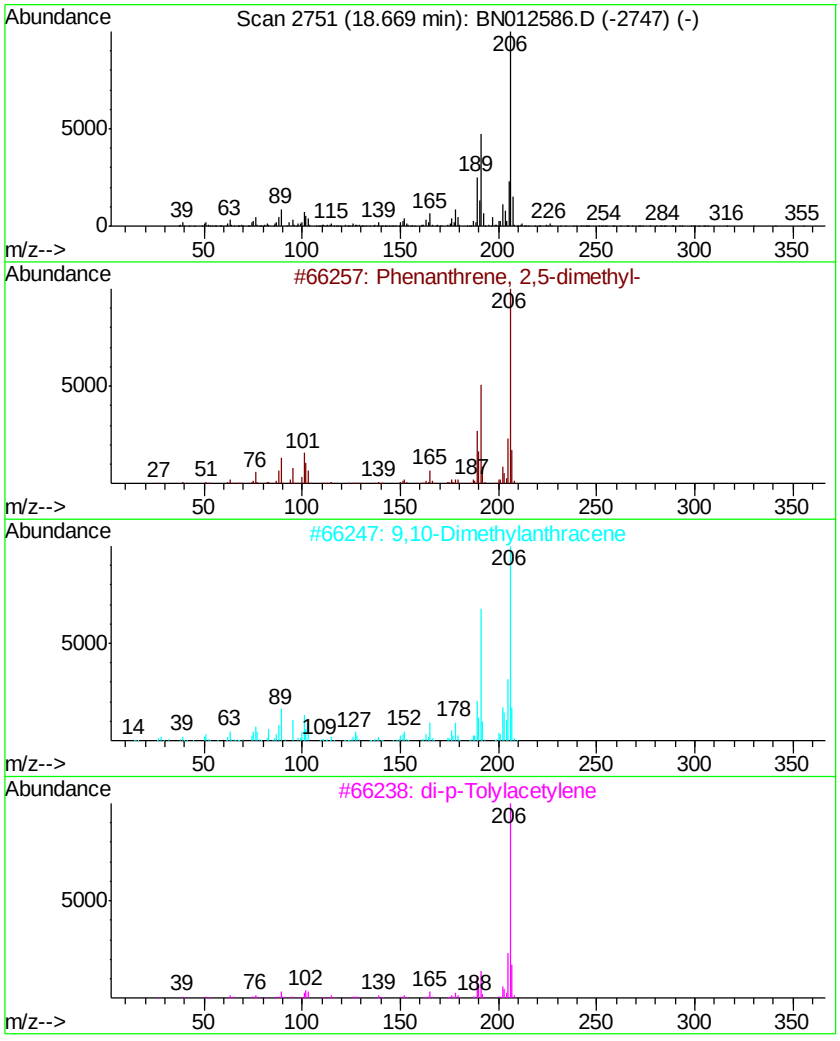
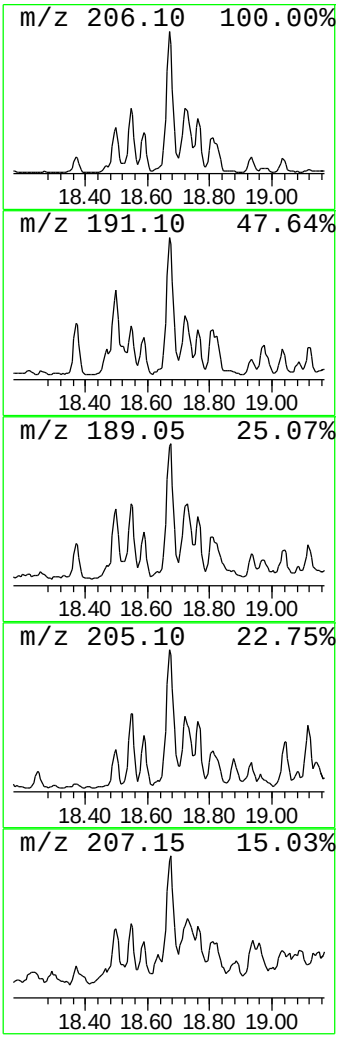
Peak Number 70 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	31.22 ng/ul	3811540	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

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

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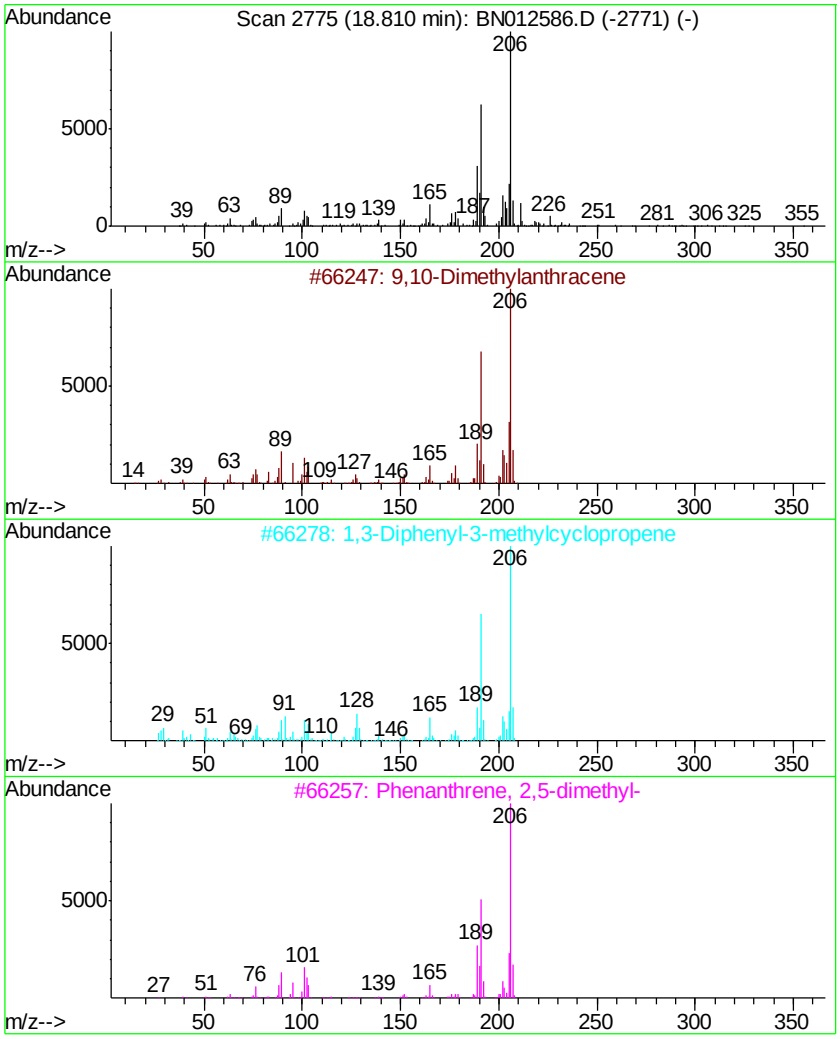
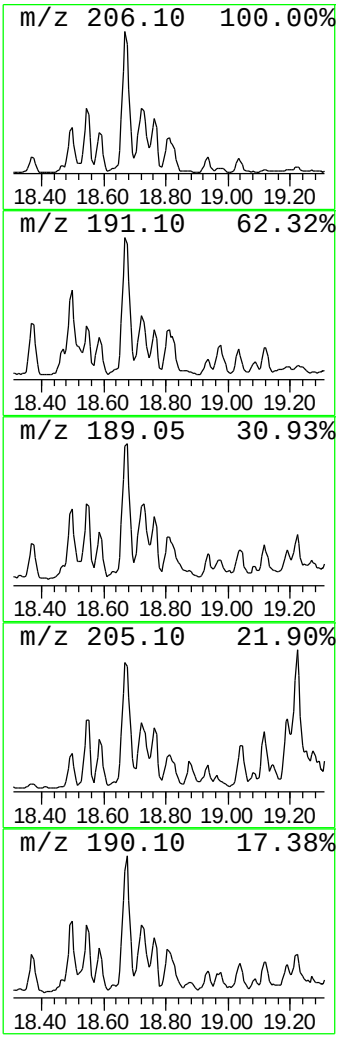
Peak Number 73 9,10-Dimethylanthracene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	11.13 ng/ul	1358660	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	90
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

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

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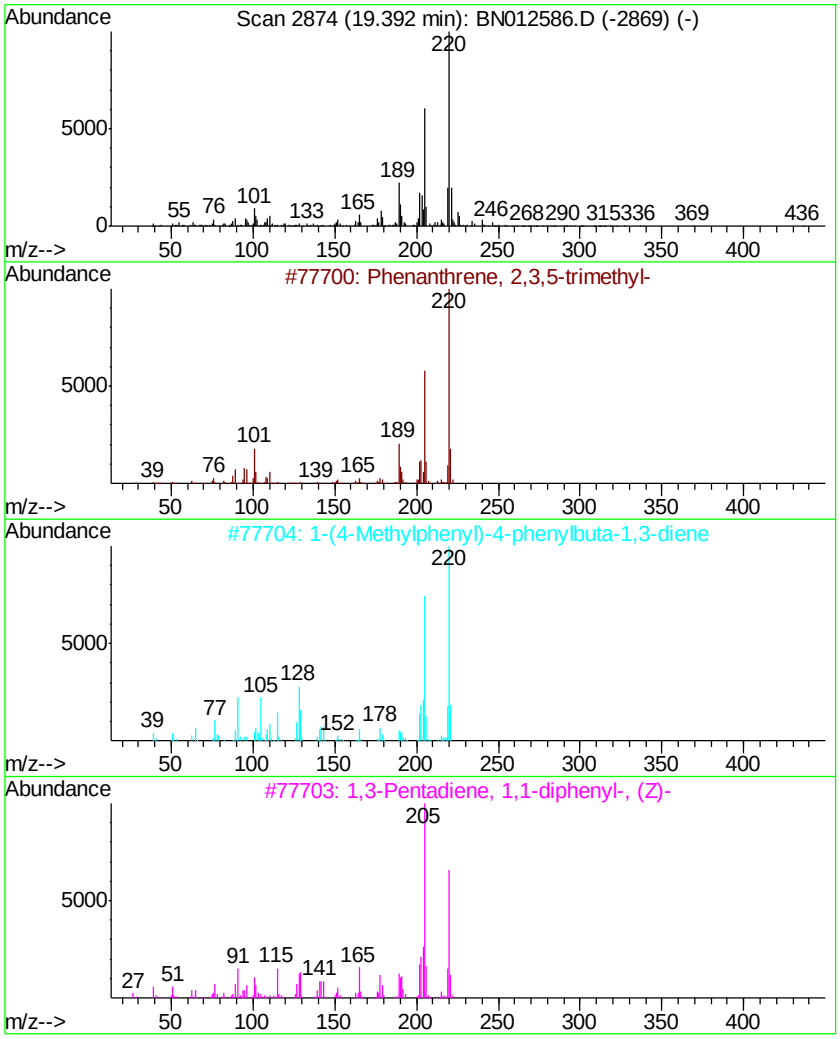
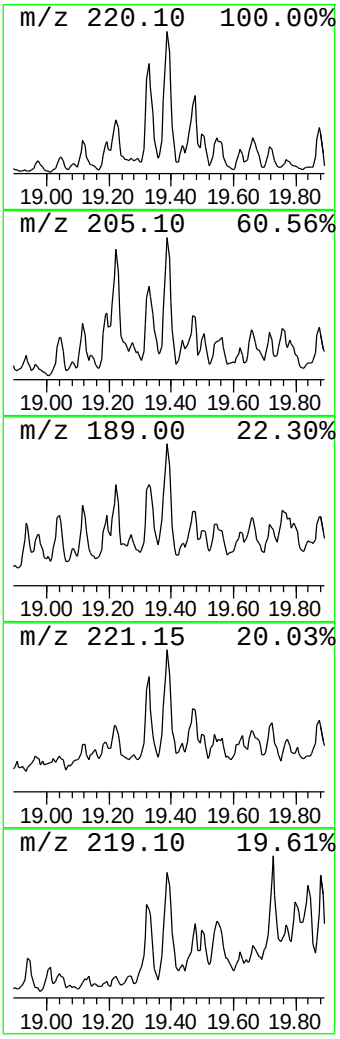
Peak Number 74 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	15.90 ng/ul	2080160	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	96
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	81
3	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	74
4	Anthracene, 9-(1-methylethyl)-	220	C17H16	001498-80-2	64
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

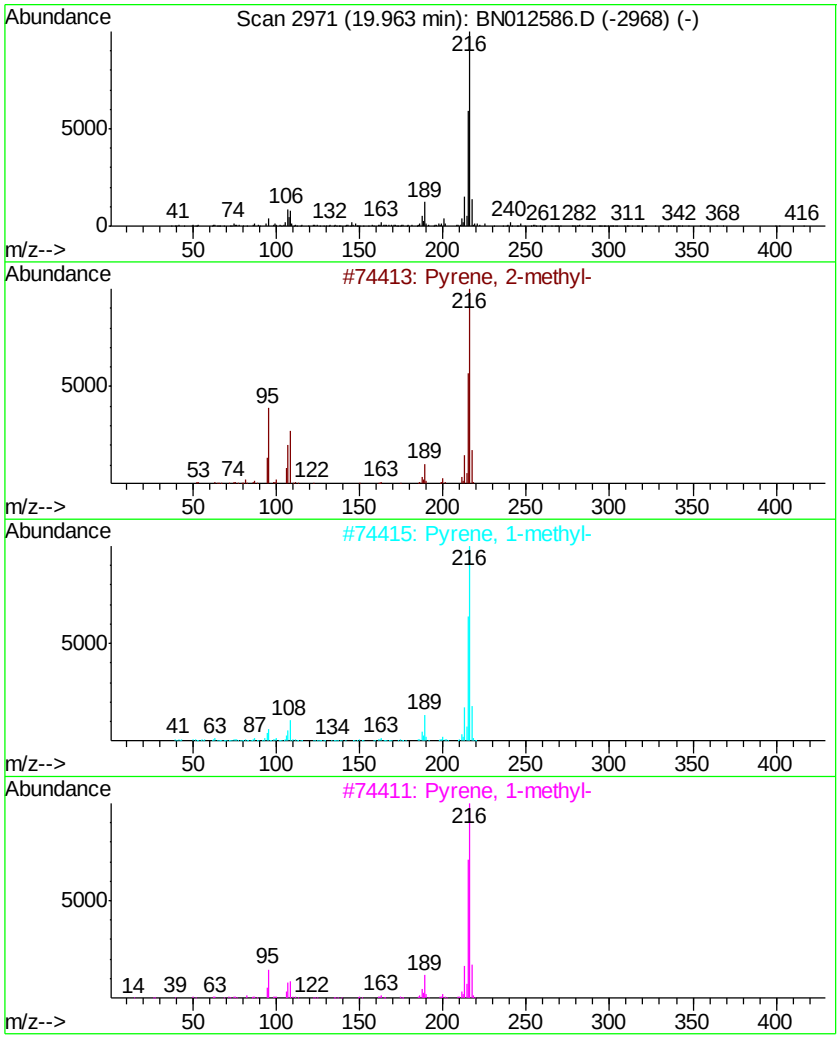
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

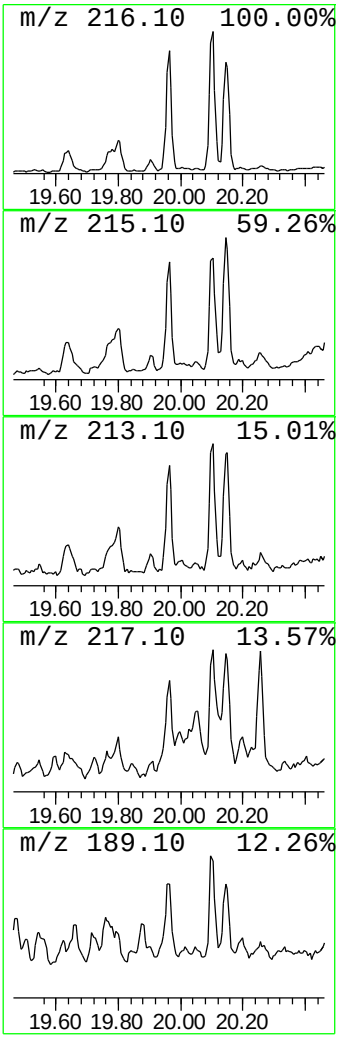
****

Peak Number 76 Pyrene, 2-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	8.90 ng/ul	1163550	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

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

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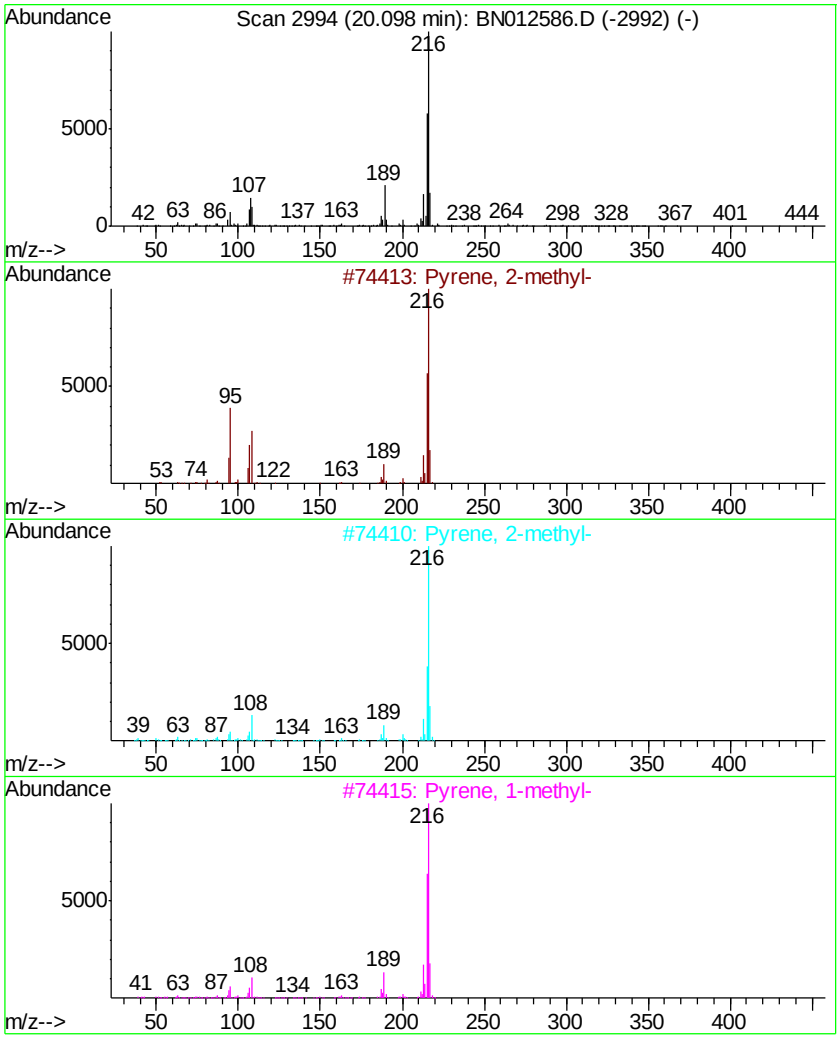
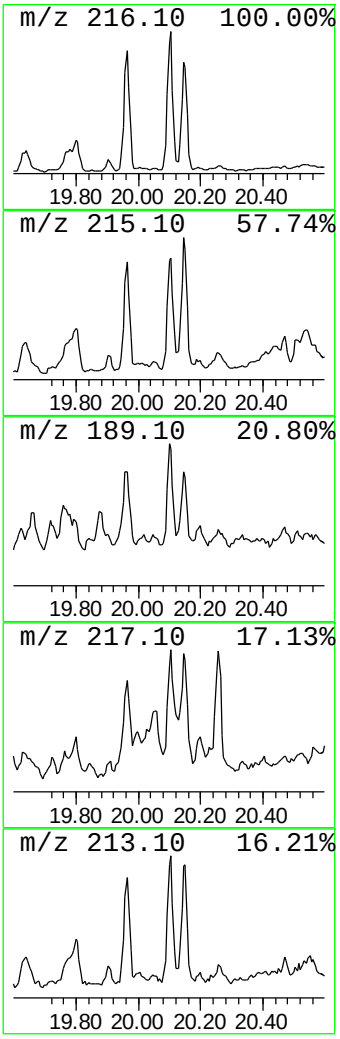
Peak Number 77 Pyrene, 1-methyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	6.47 ng/ul	846824	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111720\
Data File : BN012586.D
Acq On : 17 Nov 2020 14:06
Operator : CG/JU
Sample : L4762-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB7DL

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

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	10.71	3.3	ng/ul	508900	2	10.22	3097690	20.0
(DEL) Alkane: Str...	11.51	5.0	ng/ul	769254	2	10.22	3097690	20.0
Naphthalene, 1-me...	12.12	21.4	ng/ul	3316380	2	10.22	3097690	20.0
(DEL) Alkane: Str...	12.65	9.8	ng/ul	2053920	3	14.11	4214640	20.0
Naphthalene, 1,6-...	13.43	40.9	ng/ul	8625660	3	14.11	4214640	20.0
Naphthalene, 2,6-...	13.48	22.9	ng/ul	4819860	3	14.11	4214640	20.0
Naphthalene, 2,3-...	13.66	15.9	ng/ul	3361890	3	14.11	4214640	20.0
Naphthalene, 2,3,...	14.60	25.4	ng/ul	5352490	3	14.11	4214640	20.0
Naphthalene, 1,6,...	14.74	22.4	ng/ul	4719190	3	14.11	4214640	20.0
Naphthalene, 1,4,...	14.91	19.0	ng/ul	4013010	3	14.11	4214640	20.0
Naphthalene, 2-me...	15.22	11.1	ng/ul	2338030	3	14.11	4214640	20.0
Chamazulene	15.39	18.0	ng/ul	3787560	3	14.11	4214640	20.0
Naphthalene, 1,2,...	15.55	10.4	ng/ul	1265680	4	16.86	2441400	20.0
Cyclopentene, 1,2...	15.63	12.7	ng/ul	1544810	4	16.86	2441400	20.0
Naphthalene, 1-me...	15.69	17.2	ng/ul	2104790	4	16.86	2441400	20.0
2,4,6(1H,3H,5H)-P...	15.85	27.6	ng/ul	3373620	4	16.86	2441400	20.0
[1,1'-Biphenyl]-2...	16.17	18.3	ng/ul	2236700	4	16.86	2441400	20.0
9H-Fluorene, 1-me...	16.23	28.6	ng/ul	3495030	4	16.86	2441400	20.0
1-Acenaphthylenol...	16.27	10.2	ng/ul	1249690	4	16.86	2441400	20.0
2,2'-Dimethylbiph...	16.37	8.6	ng/ul	1043570	4	16.86	2441400	20.0
(DEL) Alkane: Str...	16.65	9.8	ng/ul	1197890	4	16.86	2441400	20.0
(DEL) Alkane: Str...	16.70	34.3	ng/ul	4181500	4	16.86	2441400	20.0
1-Methyldibenzoth...	17.45	11.3	ng/ul	1378730	4	16.86	2441400	20.0
4-Methylnaphtho[1...	17.59	10.1	ng/ul	1227050	4	16.86	2441400	20.0
Anthracene, 2-met...	17.74	27.2	ng/ul	3321010	4	16.86	2441400	20.0
Phenanthrene, 1-m...	17.79	38.1	ng/ul	4656970	4	16.86	2441400	20.0
1H-Cyclopropa[l]p...	17.97	20.3	ng/ul	2472690	4	16.86	2441400	20.0
(DEL) Alkane: Str...	18.07	6.8	ng/ul	836701	4	16.86	2441400	20.0
2,8-Dimethyldiben...	18.14	9.9	ng/ul	1205420	4	16.86	2441400	20.0
unknown-01	18.47	9.3	ng/ul	1134800	4	16.86	2441400	20.0
Phenanthrene, 1,7...	18.55	10.5	ng/ul	1285700	4	16.86	2441400	20.0
Phenanthrene, 2,5...	18.67	31.2	ng/ul	3811540	4	16.86	2441400	20.0
9,10-Dimethylanth...	18.81	11.1	ng/ul	1358660	4	16.86	2441400	20.0
Phenanthrene, 2,3...	19.39	15.9	ng/ul	2080160	5	21.07	2616040	20.0
Pyrene, 2-methyl-	19.96	8.9	ng/ul	1163550	5	21.07	2616040	20.0
Pyrene, 1-methyl-	20.10	6.5	ng/ul	846824	5	21.07	2616040	20.0