LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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	7.458	839	845	851	rVB	850090	1277807	18.05%	0.814%
2	8.546	1019	1030	1036	rBV4	270006	628951	8.89%	0.401%
3	9.128	1124	1129	1143	rVB2	361629	926663	13.09%	0.591%
4	9.405	1172	1176	1180	rBV2	251050	381365	5.39%	0.243%
5	9.634	1209	1215	1220	rBV3	446451	786310	11.11%	0.501%
6	9.934	1260	1266	1269	rBV	202798	354489	5.01%	0.226%
7	10.222	1304	1315	1320	rBV2	1373070	2822663	39.88%	1.799%
8	10.275	1320	1324	1331	rVV5	533828	1135738	16.05%	0.724%
9	10.340	1331	1335	1341	rVB2	314046	500939	7.08%	0.319%
10	10.446	1349	1353	1360	rVB	249235	380488	5.38%	0.243%
11	10.640	1382	1386	1391	rVV4	180886	472606	6.68%	0.301%
12	10.710	1391	1398	1403	rVB4	377238	831574	11.75%	0.530%
13	10.893	1424	1429	1434	rVV4	216228	452320	6.39%	0.288%
14	11.134	1465	1470	1479	rVB2	530292	996664	14.08%	0.635%
15	11.269	1486	1493	1499	rBV6	440174	1253998	17.72%	0.799%
16	11.328	1499	1503	1509	rVB	462502	759726	10.73%	0.484%
17	11.410	1513	1517	1521	rVB2	470666	710470	10.04%	0.453%
18	11.510	1526	1534	1538	rBV5	395808	837703	11.84%	0.534%
19	11.899	1587	1600	1607	rVB2	2009214	4307255	60.86%	2.745%
20	12.116	1632	1637	1641	rVV2	1460317	2478362	35.02%	1.580%
21	12.157	1641	1644	1649	rVB2	522070	732126	10.34%	0.467%
22	12.299	1663	1668	1673	rBV9	223829	521877	7.37%	0.333%
23	12.522	1702	1706	1713	rVB5	354096	692939	9.79%	0.442%
24	12.646	1713	1727	1731	rBV5	698903	1840449	26.00%	1.173%
25	12.763	1743	1747	1753	rBV4	290914	617071	8.72%	0.393%
26	12.910	1768	1772	1780	rBV4	361532	755100	10.67%	0.481%
27	13.034	1789	1793	1799	rVB2	800545	1279149	18.07%	0.815%
28	13.134	1806	1810	1813	rBV	709871	972834	13.74%	0.620%
29	13.269	1827	1833	1834	rBV2	2055369	2936498	41.49%	1.872%
30	13.428	1854	1860	1865	rVV	3981966	7077733	100.00%	4.511%
31	13.481	1865	1869	1874	rVV	2609533	3897016	55.06%	2.484%
32	13.528	1874	1877	1882	rVB4	580943	862644	12.19%	0.550%
33	13.610	1887	1891	1895	rVV2	453770	743530	10.51%	0.474%
34	13.669	1896	1901	1904	rVV	1748974	2799494	39.55%	1.784%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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	13.698	1904	1906	1910	rVB2	759787	829091	11.71%	0.528%
36	13.834	1925	1929	1933	rVB	968437	1285886	18.17%	0.820%
37	13.875	1933	1936	1941	rVB6	276778	454949	6.43%	0.290%
38	14.110	1966	1976	1982	rBV2	2071865	4130732	58.36%	2.633%
39	14.169	1982	1986	1989	rVV2	532614	871885	12.32%	0.556%
40	14.204	1989	1992	1996	rVV2	595014	863806	12.20%	0.551%
41	14.246	1996	1999	2007	rVV	631140	994645	14.05%	0.634%
42	14.334	2008	2014	2022	rVV2	1537971	3989319	56.36%	2.543%
43	14.410	2023	2027	2035	rVB4	789536	1134123	16.02%	0.723%
44	14.522	2039	2046	2052	rVV	2788061	5322676	75.20%	3.393%
45	14.598	2052	2059	2063	rVB	2941368	4428601	62.57%	2.823%
46	14.657	2065	2069	2074	rVB4	560098	802278	11.34%	0.511%
47	14.740	2078	2083	2088	rBV	2330083	4075298	57.58%	2.598%
48	14.793	2088	2092	2096	rVB	2169796	2843999	40.18%	1.813%
49	14.840	2096	2100	2103	rBV5	240574	413691	5.84%	0.264%
50	14.910	2105	2112	2115	rBV2	1515685	3245403	45.85%	2.069%
51	14.940	2115	2117	2122	rVB	1084742	1351809	19.10%	0.862%
52	15.075	2135	2140	2144	rBV2	786937	1314851	18.58%	0.838%
53	15.157	2149	2154	2159	rVB3	1066227	1821324	25.73%	1.161%
54	15.222	2159	2165	2169	rBV3	901609	1857282	26.24%	1.184%
55	15.287	2173	2176	2180	rVV3	1301614	1862550	26.32%	1.187%
56	15.340	2180	2185	2189	rVV4	648542	1343141	18.98%	0.856%
57	15.387	2189	2193	2200	rVV3	1554786	3021241	42.69%	1.926%
58	15.451	2200	2204	2208	rVV2	602190	1193878	16.87%	0.761%
59	15.487	2208	2210	2215	rVB	1128686	1377005	19.46%	0.878%
60	15.545	2216	2220	2224	rBV4	535030	1032993	14.59%	0.658%
61	15.587	2224	2227	2230	rVV	389694	499536	7.06%	0.318%
62	15.628	2231	2234	2239	rVB3	785251	1227468	17.34%	0.782%
63	15.687	2239	2244	2248	rBV2	981324	1632640	23.07%	1.041%
64	15.775	2256	2259	2261	rBV3	384308	513151	7.25%	0.327%
65	15.851	2268	2272	2274	rBV	1900433	2521794	35.63%	1.607%
66	15.987	2291	2295	2298	rVB	1258781	1540657	21.77%	0.982%
67	16.022	2298	2301	2304	rBV	388378	492574	6.96%	0.314%
68	16.098	2311	2314	2316	rBV3	418079	526101	7.43%	0.335%
69	16.228	2331	2336	2340	rBV3	1420874	2129017	30.08%	1.357%
70	16.275	2341	2344	2347	rVB	508501	572450	8.09%	0.365%
71	16.375	2358	2361	2364	rBV3	538826	876125	12.38%	0.558%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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	16.522	2383	2386	2391	rBV4	636434	979209	13.84%	0.624%
73	16.604	2397	2400	2404	rVV3	395730	524744	7.41%	0.334%
74	16.645	2404	2407	2410	rVV3	530613	696734	9.84%	0.444%
75	16.698	2410	2416	2423	rVB6	1651659	3629975	51.29%	2.314%
76	16.863	2440	2444	2447	rBV	1851201	2441001	34.49%	1.556%
77	16.904	2447	2451	2455	rVB	2419067	3085123	43.59%	1.966%
78	17.275	2511	2514	2516	rBV3	423888	611462	8.64%	0.390%
79	17.439	2539	2542	2546	rVB	915384	1127128	15.92%	0.718%
80	17.587	2564	2567	2573	rVB2	486378	793346	11.21%	0.506%
81	17.739	2589	2593	2597	rBV	1889574	2520488	35.61%	1.607%
82	17.787	2597	2601	2609	rVB	2504591	3725553	52.64%	2.375%
83	17.863	2612	2614	2619	rVV2	488421	733976	10.37%	0.468%
84	17.922	2621	2624	2629	rVV	1797991	2914129	41.17%	1.857%
85	17.969	2629	2632	2639	rVB	1436538	1877356	26.52%	1.197%
86	18.139	2657	2661	2665	rVB2	732864	997315	14.09%	0.636%
87	18.245	2676	2679	2683	rBV4	429686	664443	9.39%	0.424%
88	18.469	2713	2717	2718	rBV	570415	739165	10.44%	0.471%
89	18.492	2719	2721	2726	rVV2	785855	989437	13.98%	0.631%
90	18.545	2727	2730	2734	rVV	845212	1039638	14.69%	0.663%
91	18.669	2747	2751	2756	rBV	1988273	3021857	42.70%	1.926%
92	18.722	2756	2760	2764	rVV2	1080573	1751363	24.74%	1.116%
93	18.763	2764	2767	2770	rVB	651582	714411	10.09%	0.455%
94	18.810	2771	2775	2782	rBV3	522082	1138875	16.09%	0.726%
95	18.934	2793	2796	2799	rBV2	580811	810065	11.45%	0.516%
96	19.298	2855	2858	2862	rBV	1097720	1542310	21.79%	0.983%
97	19.386	2869	2873	2878	rVB	1069103	1655940	23.40%	1.055%
98	19.469	2885	2887	2891	rBV3	383834	429072	6.06%	0.273%
99	20.098	2991	2994	2998	rBV	726010	917870	12.97%	0.585%
100	21.075	3157	3160	3165	rVB	2017052	2402439	33.94%	1.531%

Sum of corrected areas: 156892944

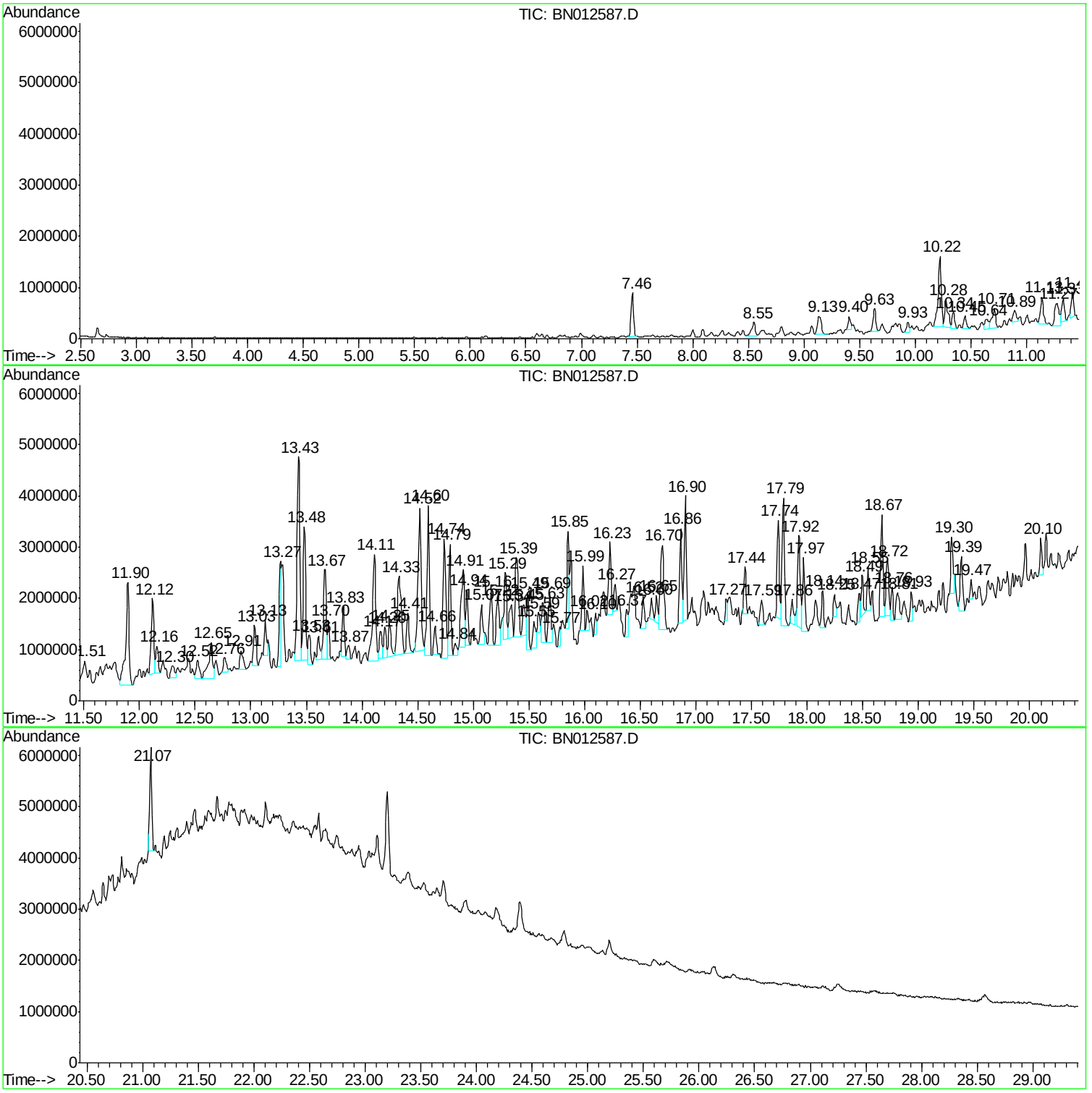
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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 : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

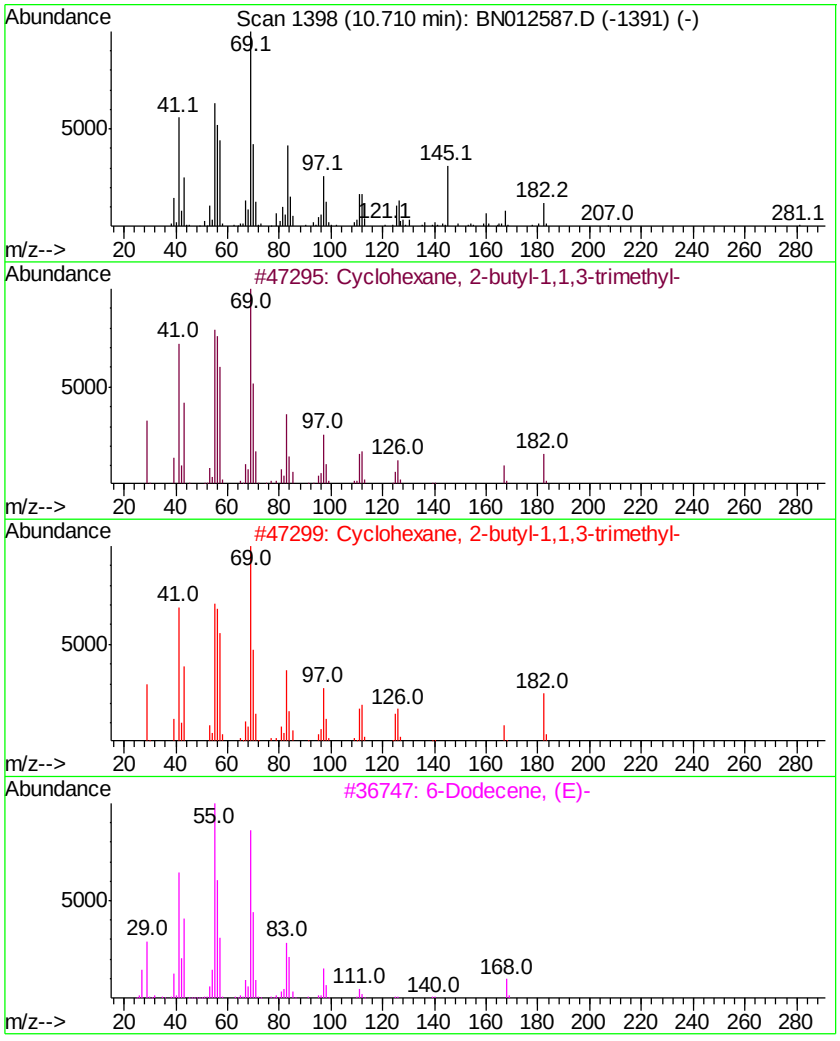
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

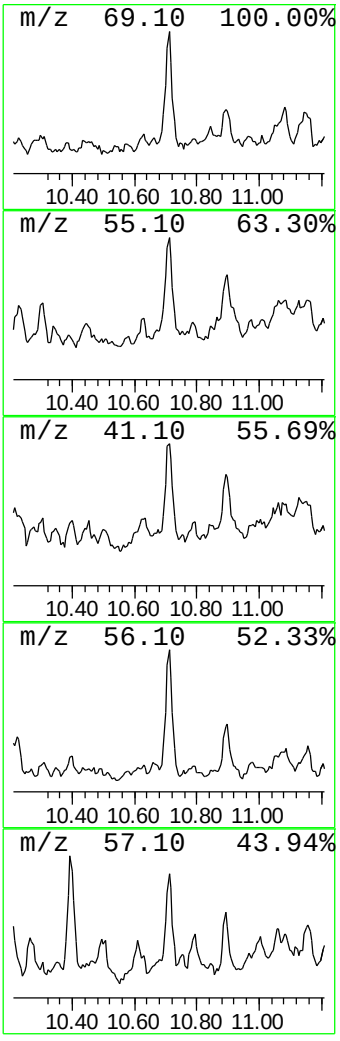
****

Peak Number 8 (DEL) Alkane: Cyclic10.71 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	5.89 ng/ul	831574	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	97
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	97
3	6-Dodecene, (E)-	168	C12H24	007206-17-9	90
4	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	89
5	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

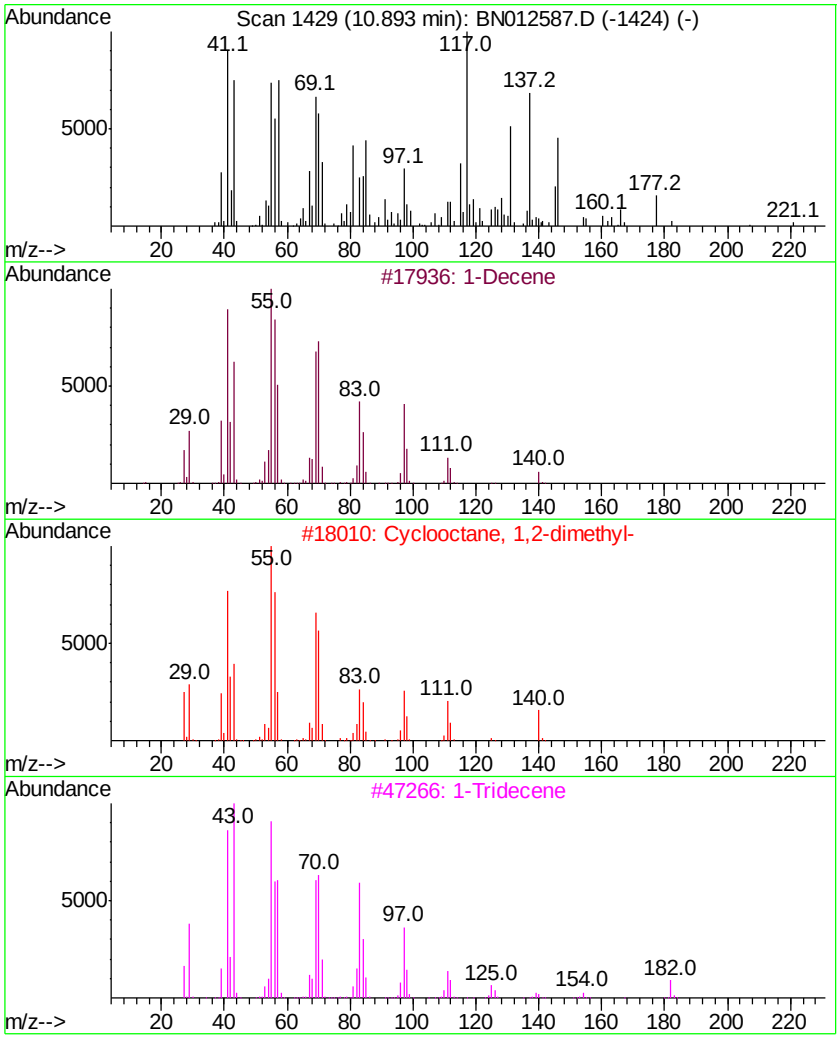
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

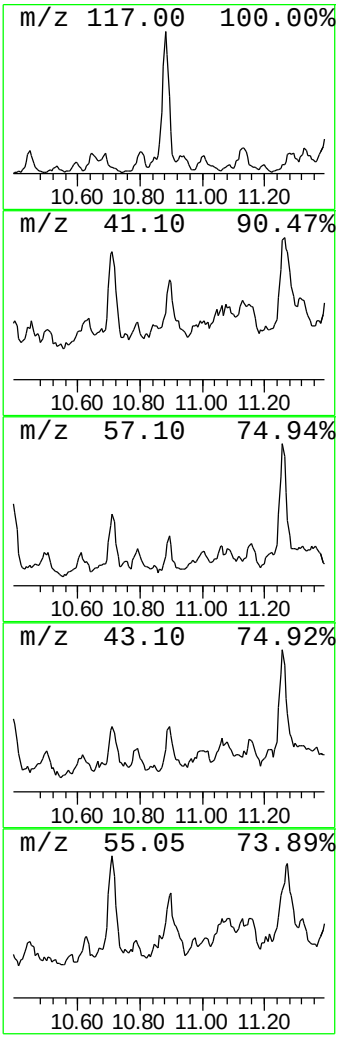
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	3.20 ng/ul	452320	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	60
2	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	48
3	1-Tridecene	182	C13H26	002437-56-1	43
4	1-Tridecene	182	C13H26	002437-56-1	38
5	Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1000150-67-3	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

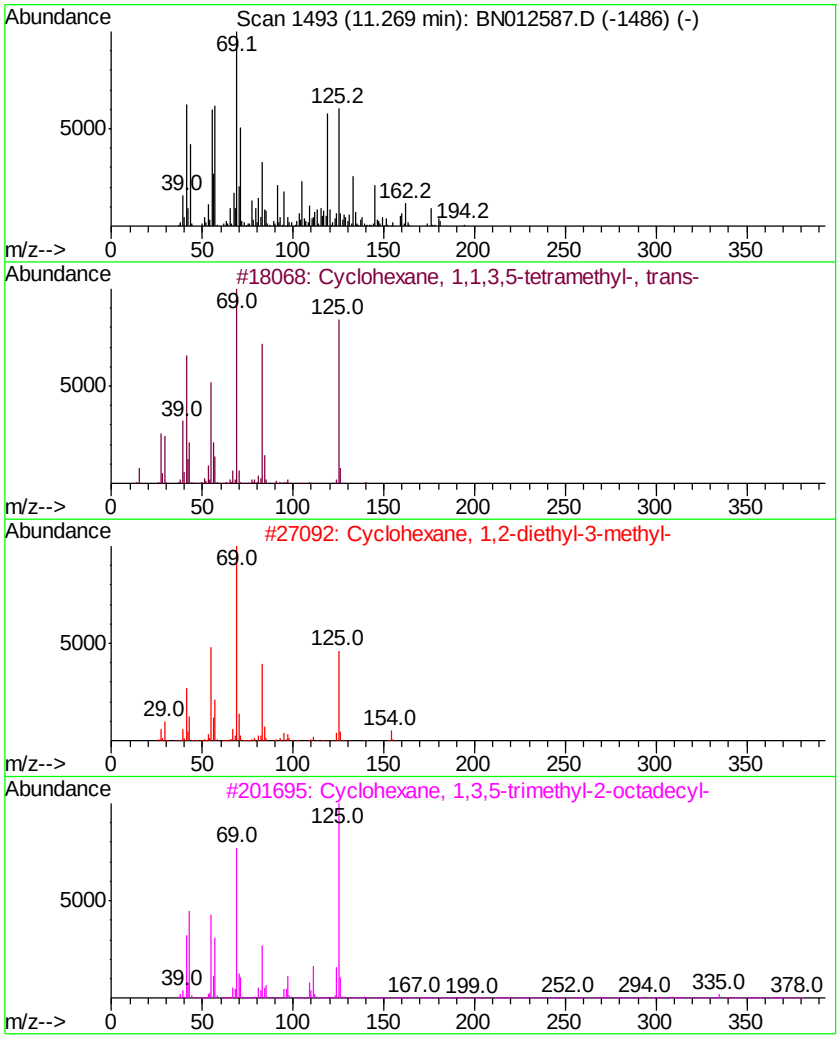
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

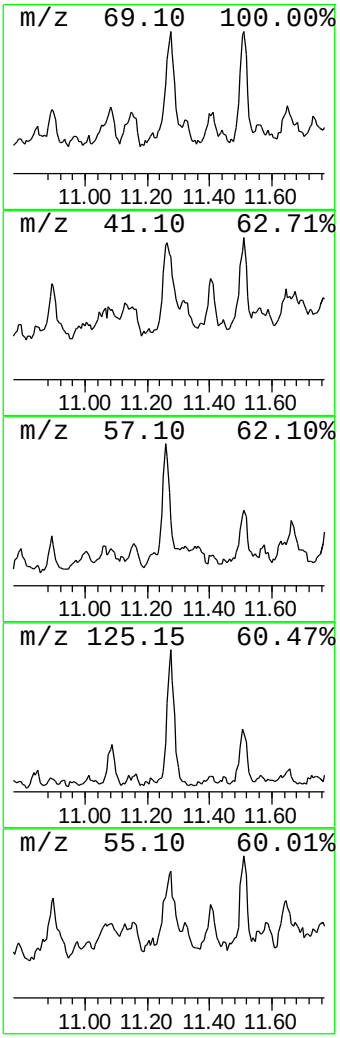
****

Peak Number 11 (DEL) Alkane: Cyclic11.27 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	8.89 ng/ul	1254000	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	27
2	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	27
3	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	25
4	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	15
5	1,4-Hexadiene, 3,3,5-trimethyl-	124	C9H16	074753-00-7	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

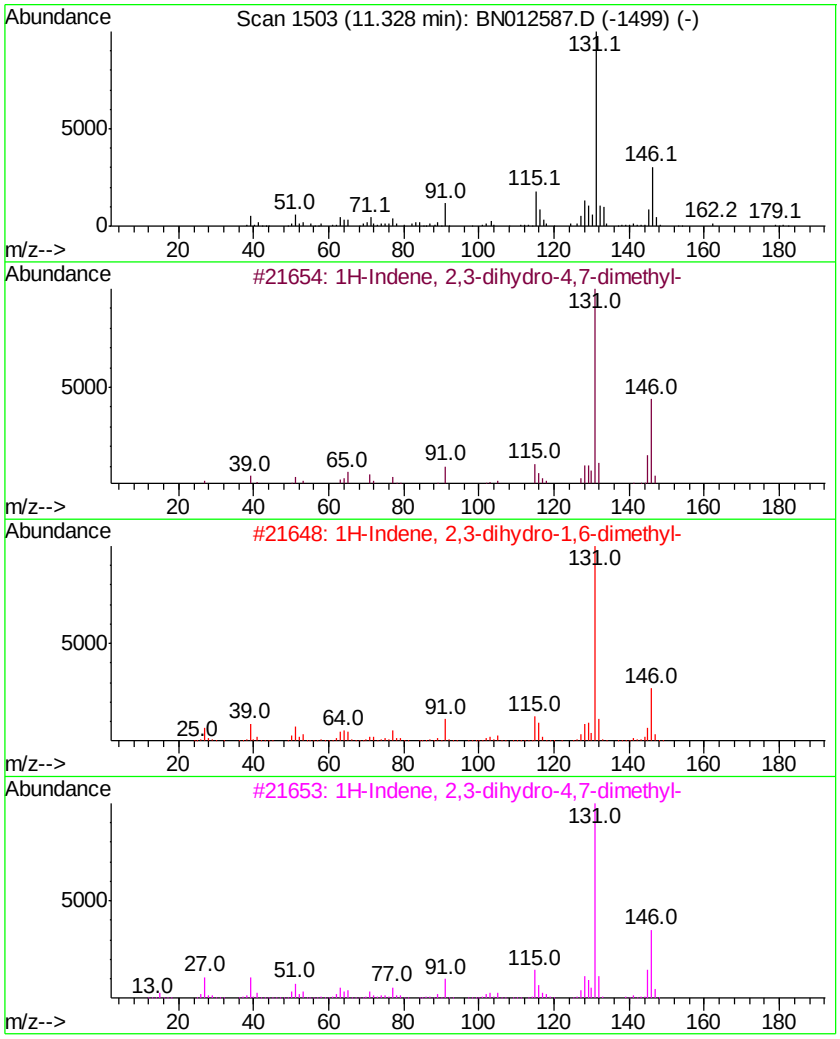
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

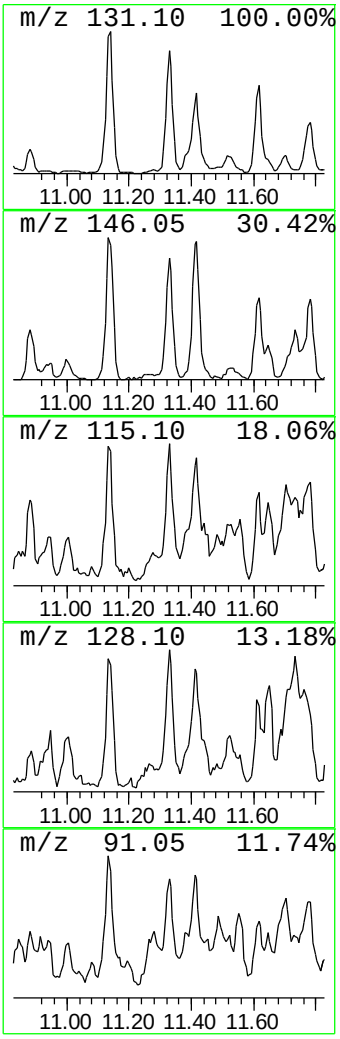
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	5.38 ng/ul	759726	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

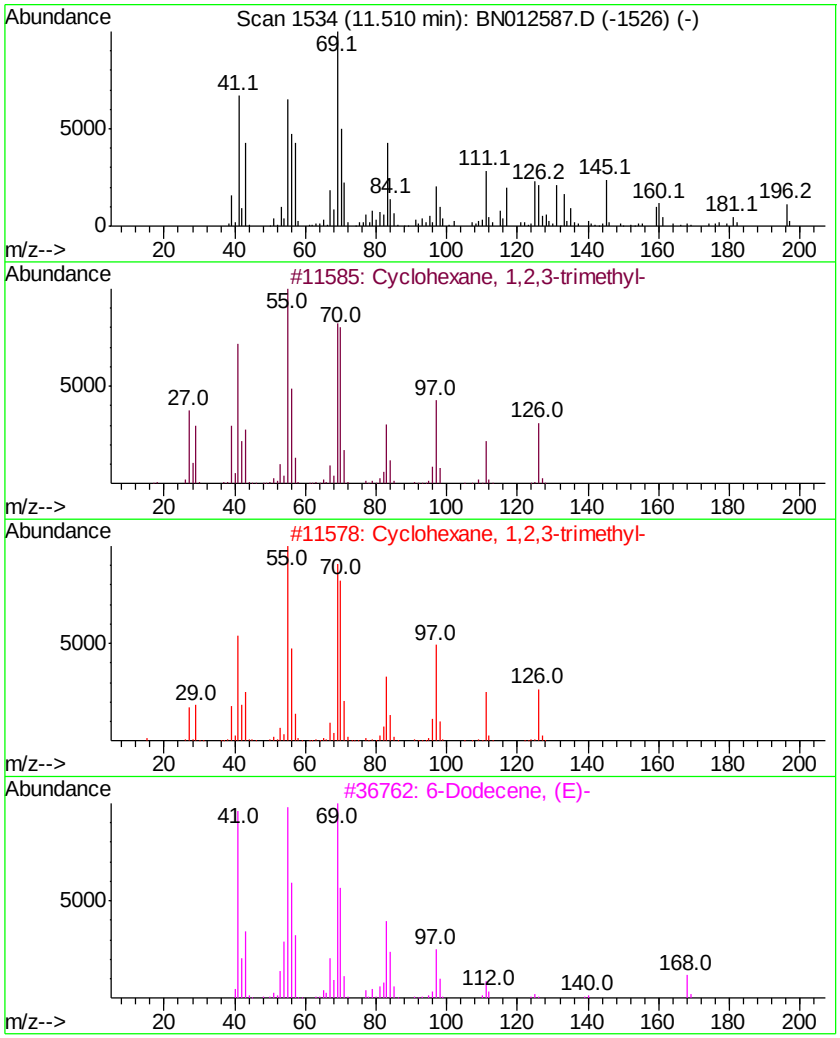
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

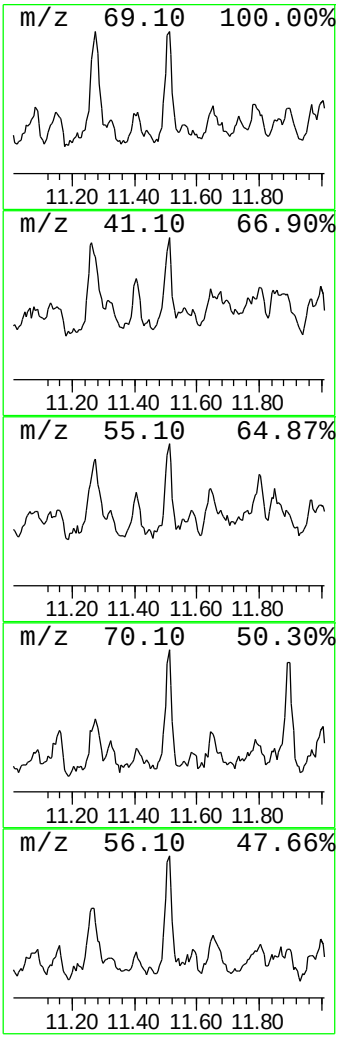
****

Peak Number 14 (DEL) Alkane: Cyclic11.51 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	5.94 ng/ul	837703	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	49
2	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	49
3	6-Dodecene, (E)-	168	C12H24	007206-17-9	46
4	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	38
5	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

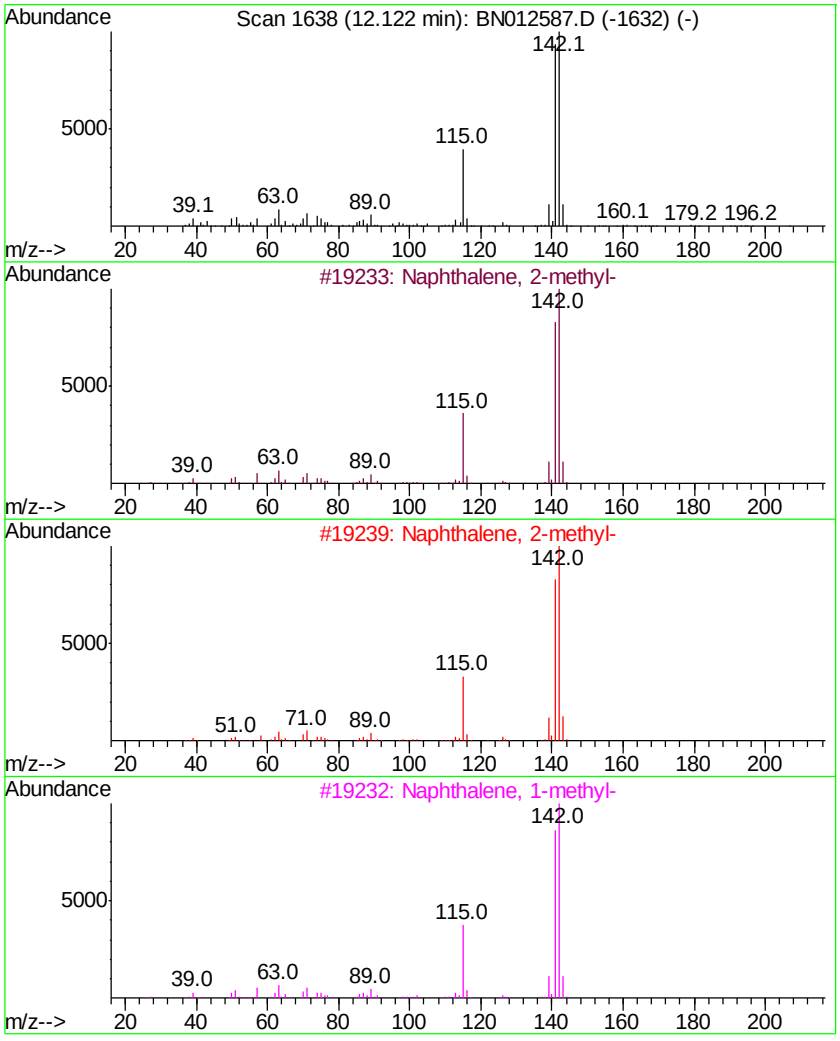
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

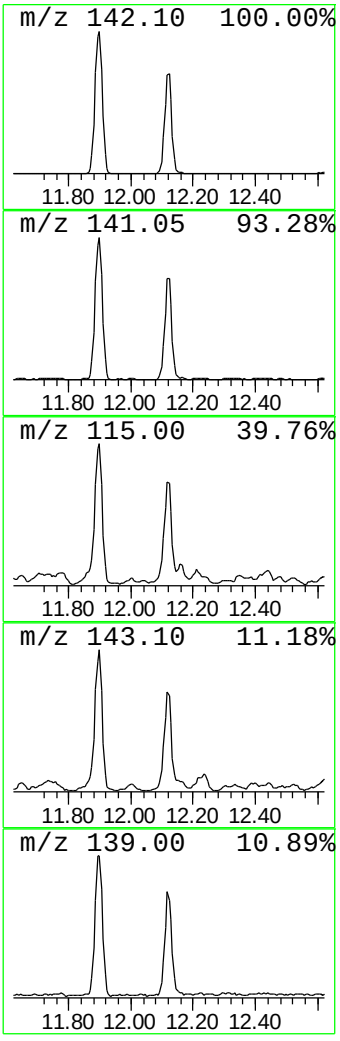
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	17.56 ng/ul	2478360	Naphthalene-d8	10.22

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

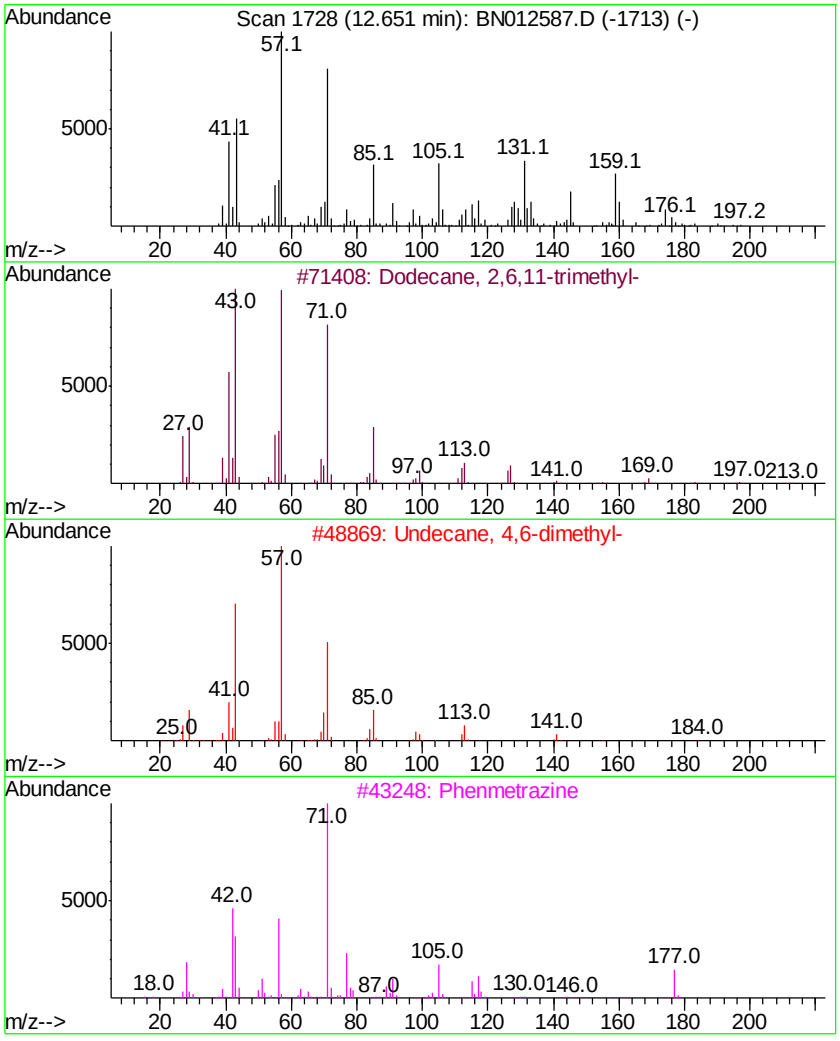
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

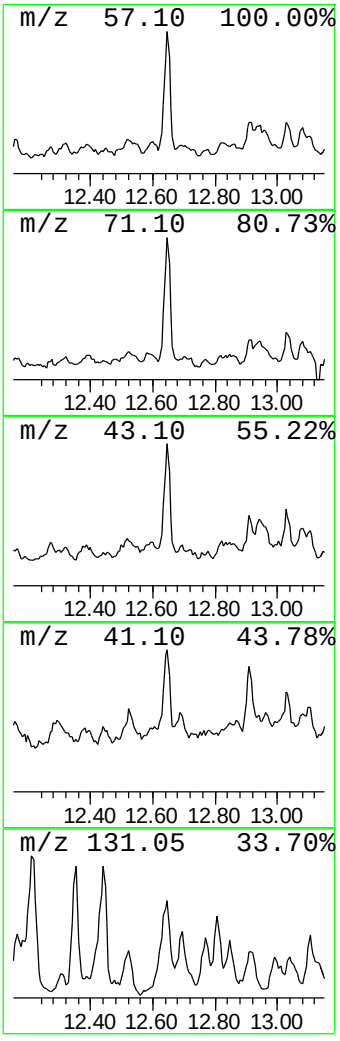
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	8.91 ng/ul	1840450	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	38
3	Phenmetrazine	177	C11H15NO	000134-49-6	38
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	38
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

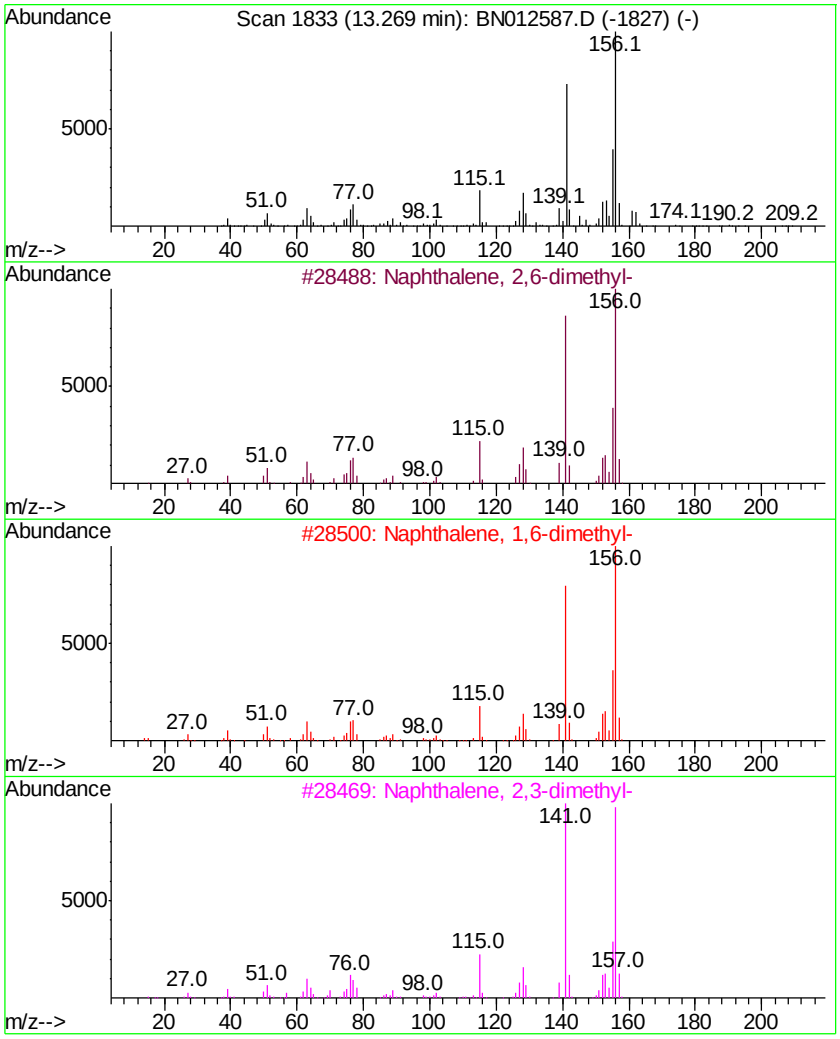
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

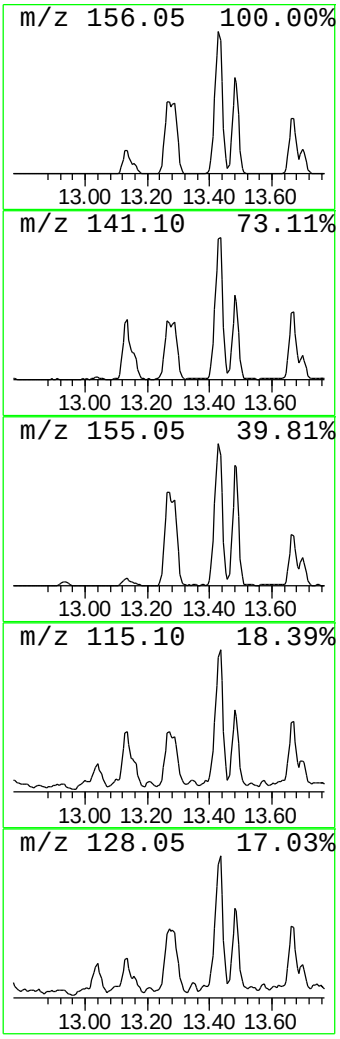
****

Peak Number 23 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	14.22 ng/ul	2936500	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, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

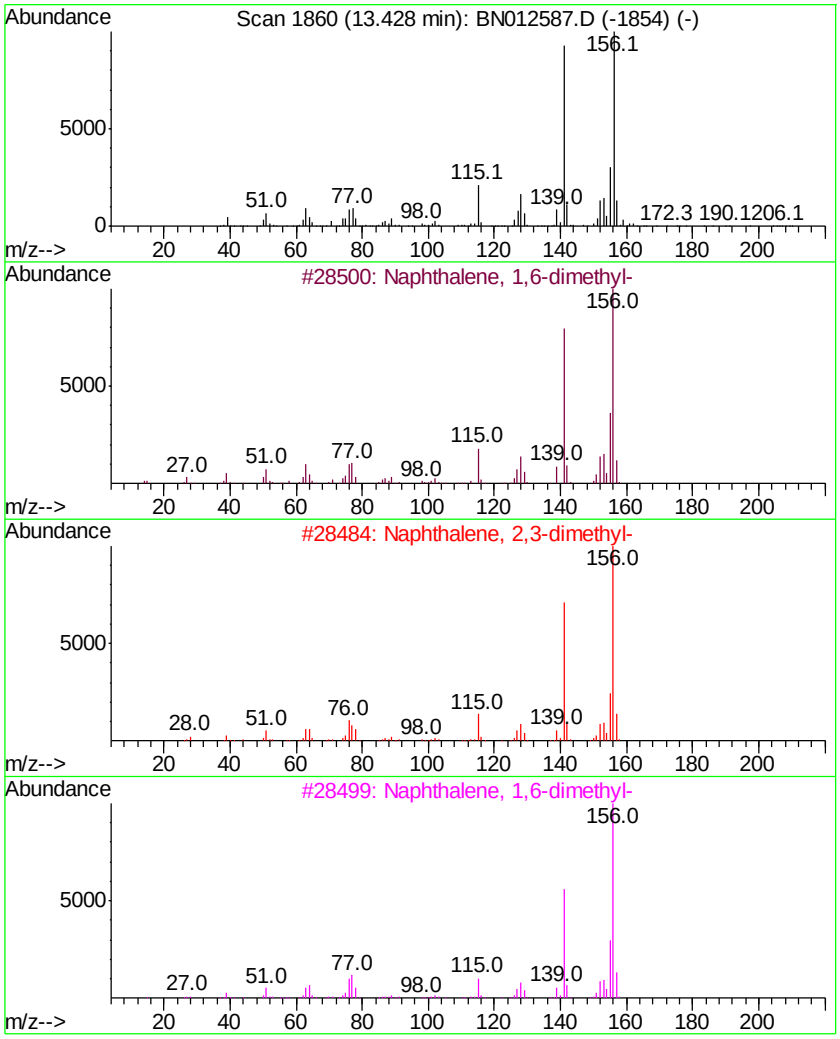
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

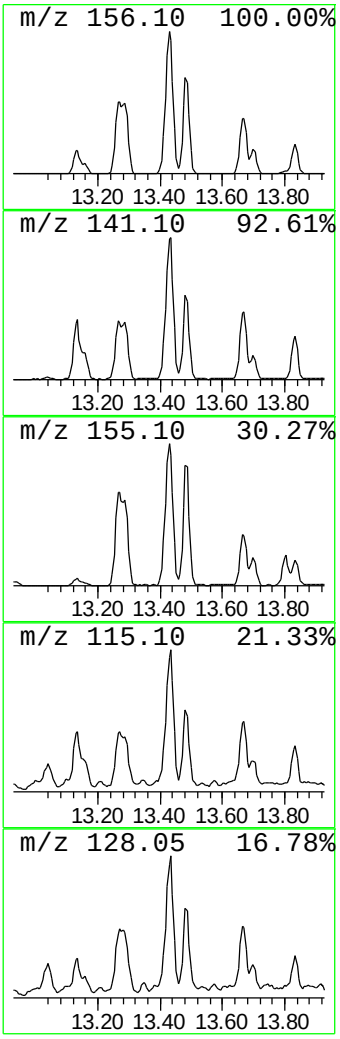
****

Peak Number 24 Naphthalene, 1,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	34.27 ng/ul	7077730	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

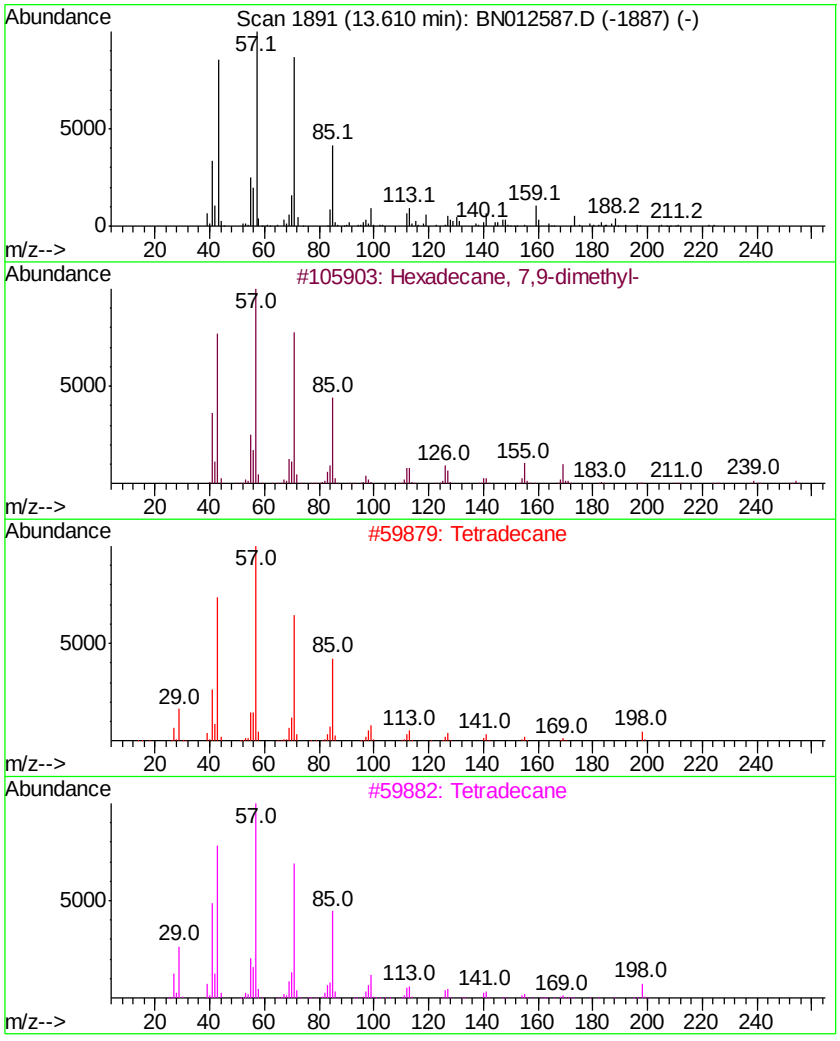
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

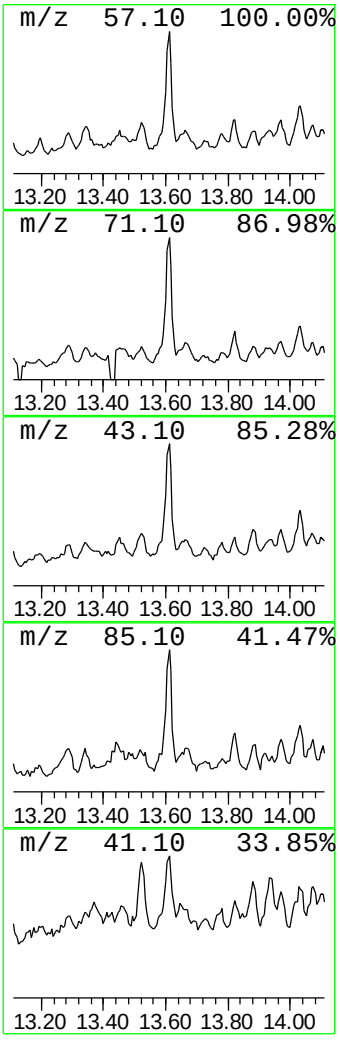
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	3.60 ng/ul	743530	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	80
2	Tetradecane	198	C14H30	000629-59-4	80
3	Tetradecane	198	C14H30	000629-59-4	80
4	Decane, 5-propyl-	184	C13H28	017312-62-8	76
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

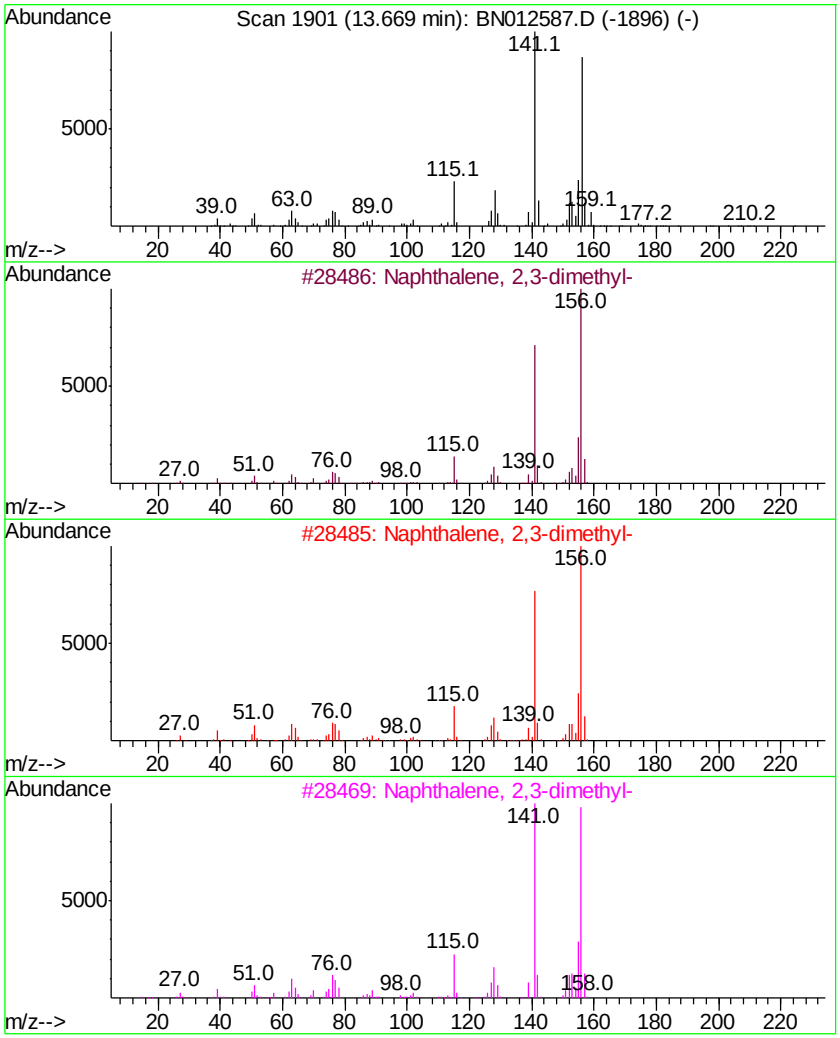
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

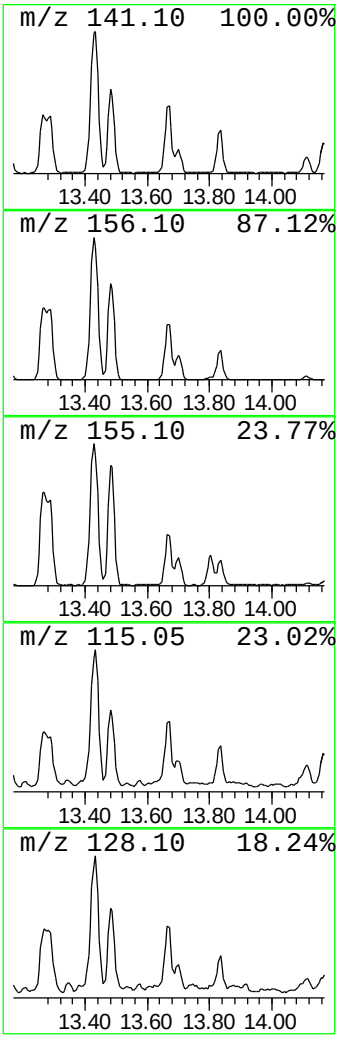
****

Peak Number 26 Naphthalene, 2,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	13.55 ng/ul	2799490	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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

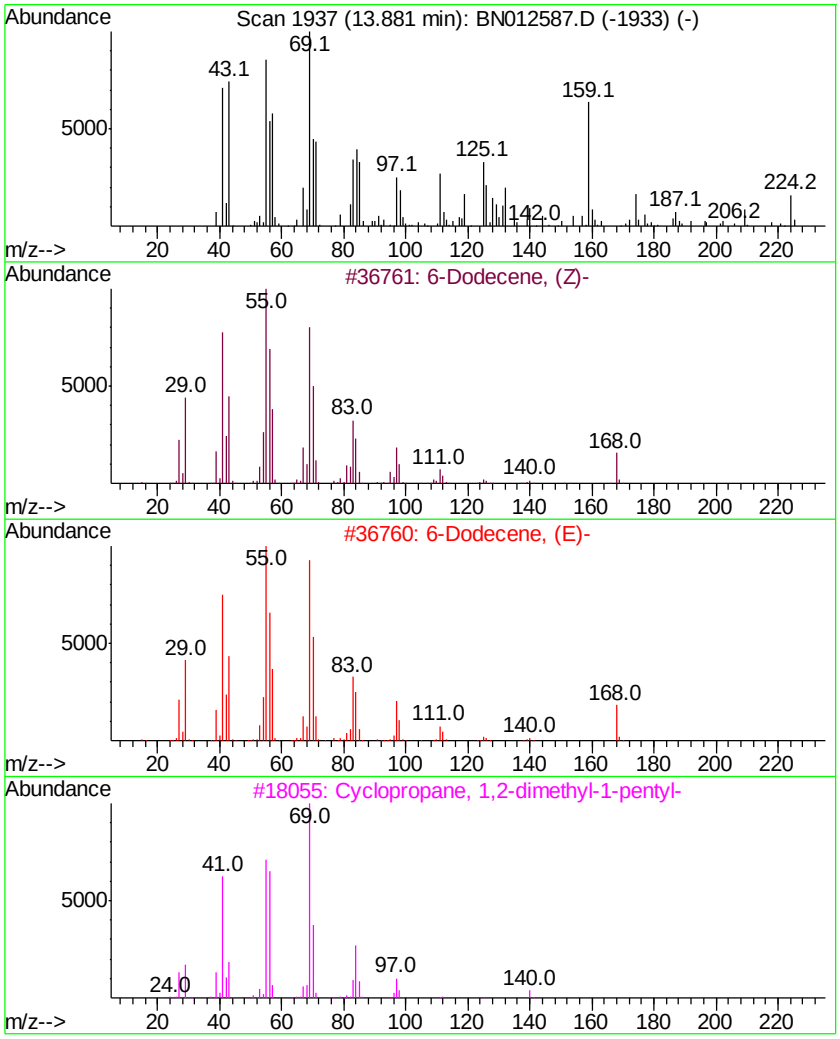
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

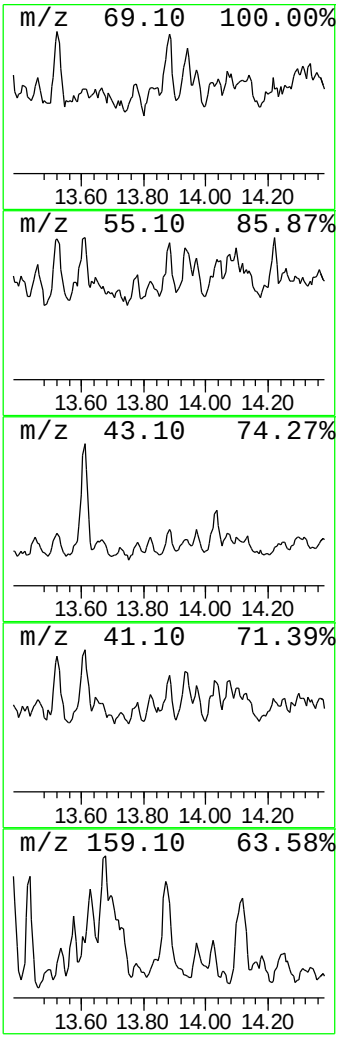
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 80

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	2.20 ng/ul	454949	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Dodecene, (Z)-	168	C12H24	007206-29-3	50
2	6-Dodecene, (E)-	168	C12H24	007206-17-9	50
3	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	38
4	2,5-Dibora-1,4-dioxane, 2,3,5-tr...	210	C11H24B2O2	1000161-22-1	38
5	1-Decanethiol	174	C10H22S	000143-10-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

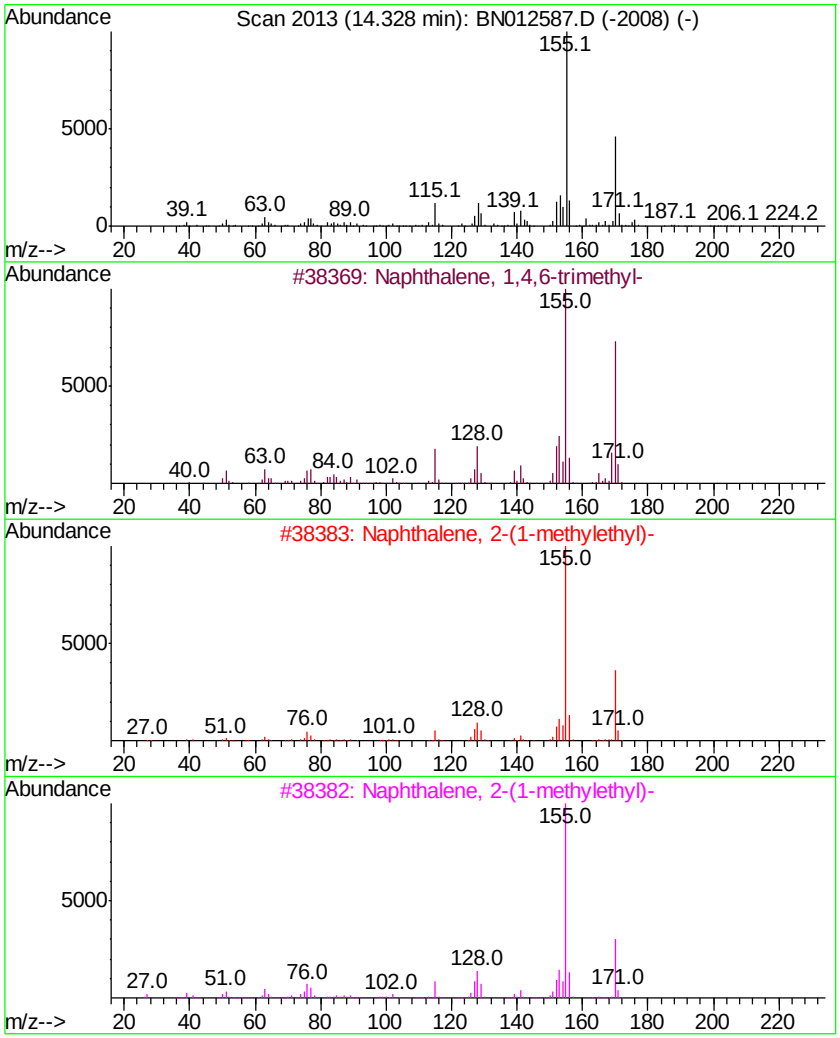
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

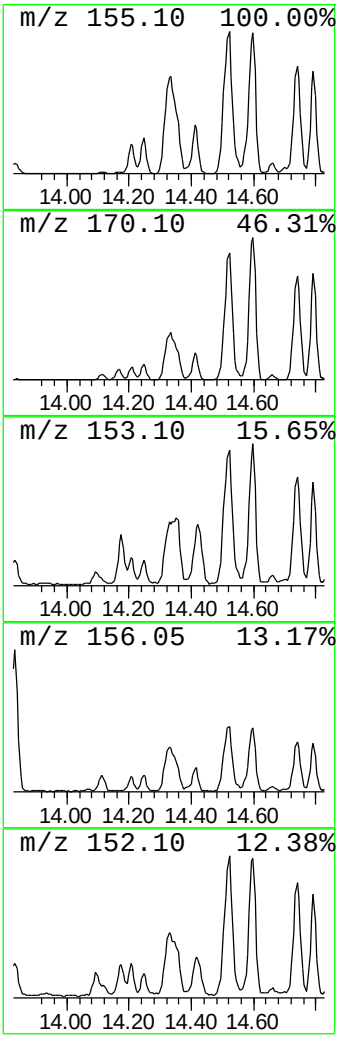
****

Peak Number 30 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	19.32 ng/ul	3989320	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
5	Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

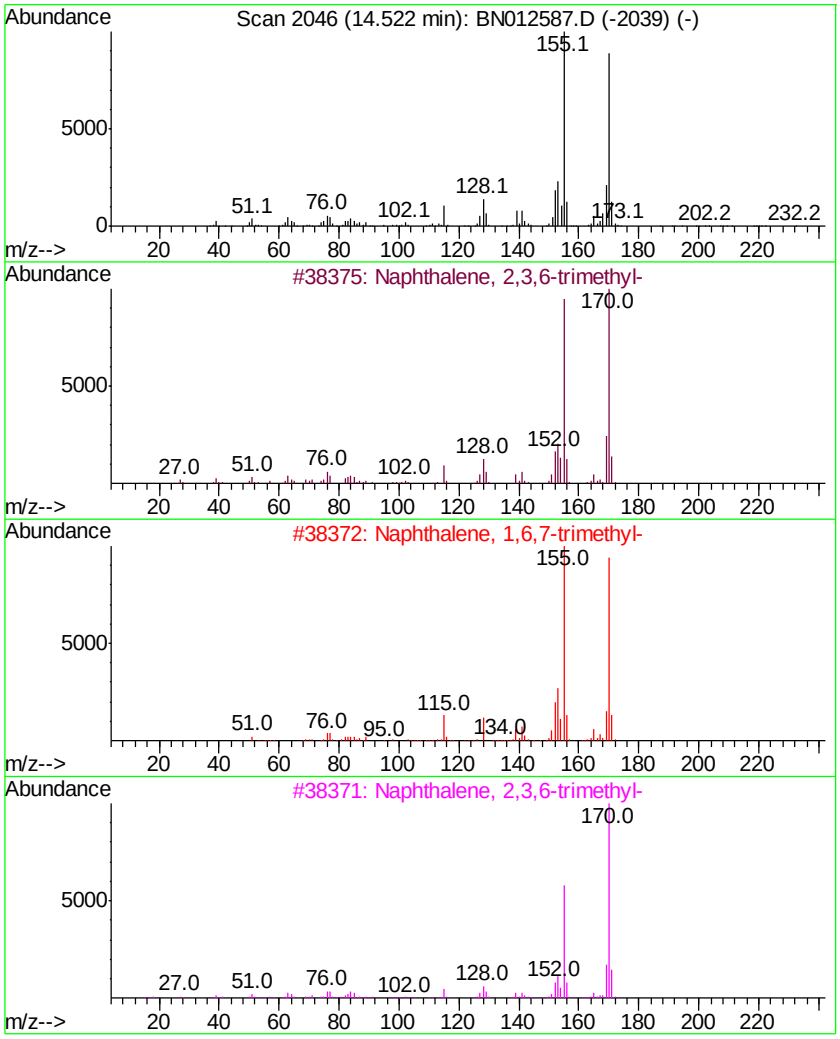
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

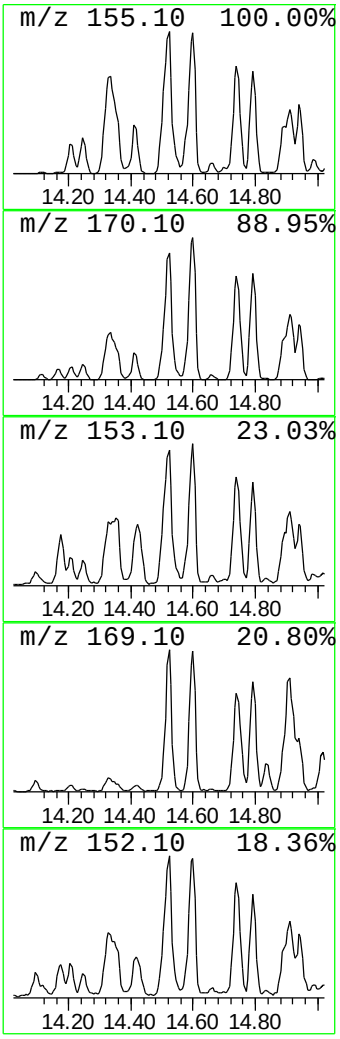
****

Peak Number 32 Naphthalene, 2,3,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	25.77 ng/ul	5322680	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, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

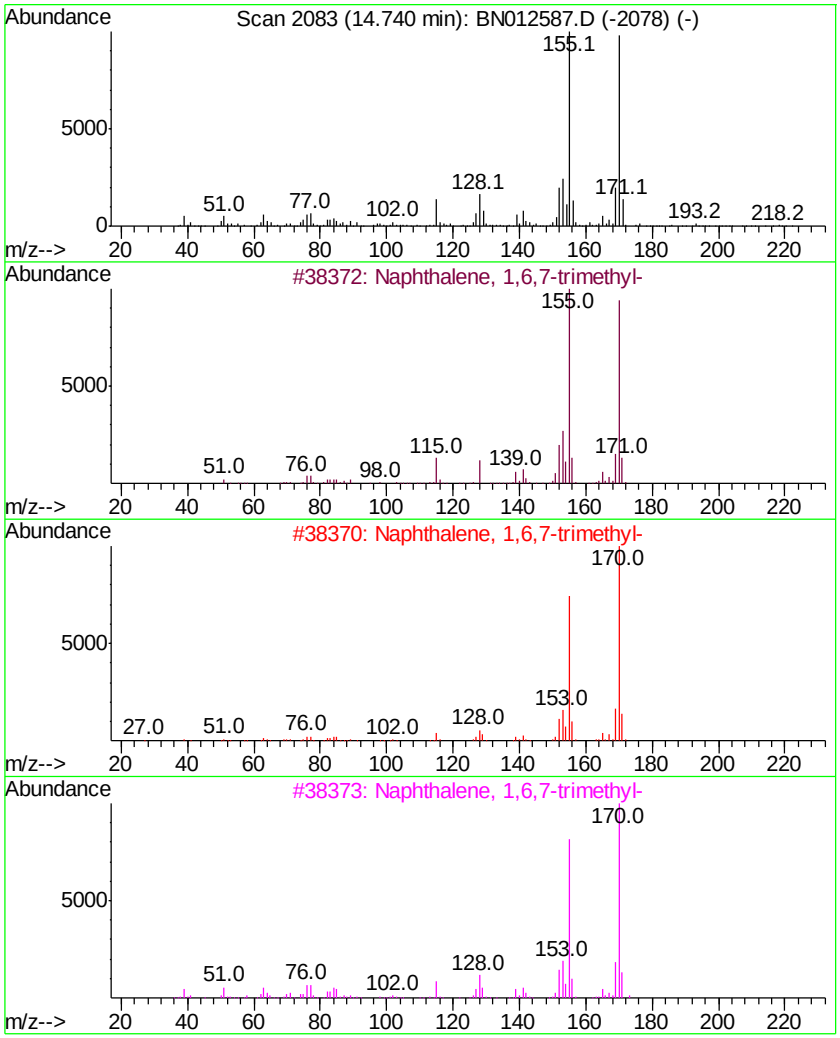
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

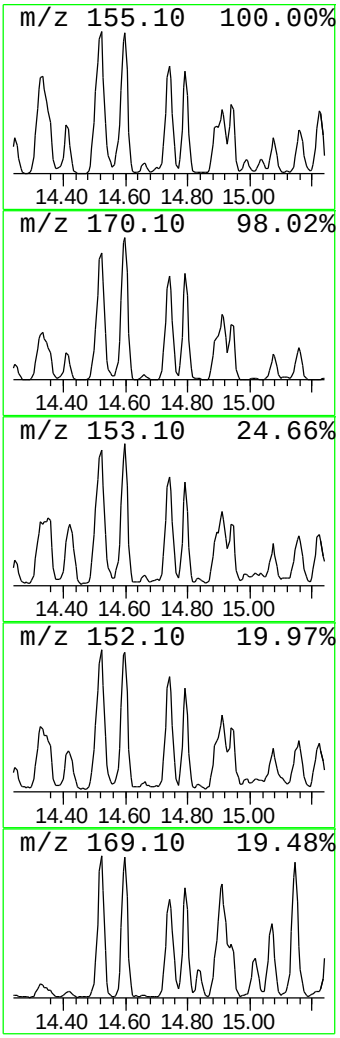
****

Peak Number 35 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	19.73 ng/ul	4075300	Acenaphthene-d10	14.11

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

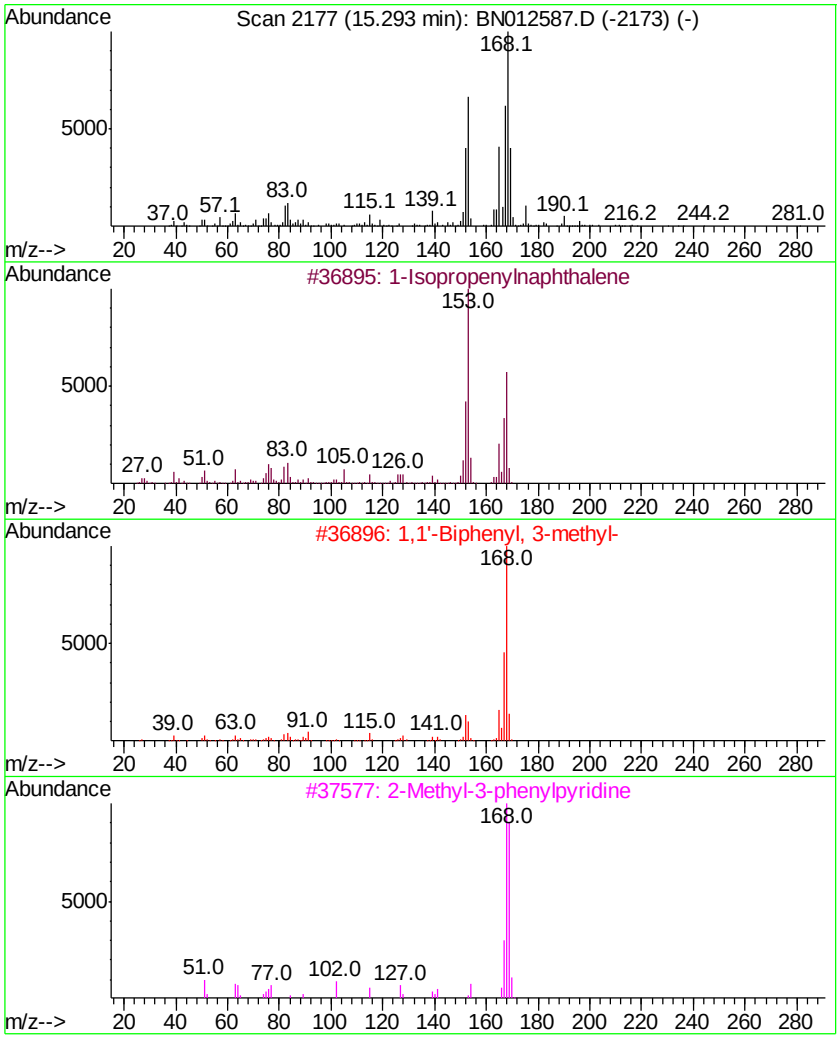
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

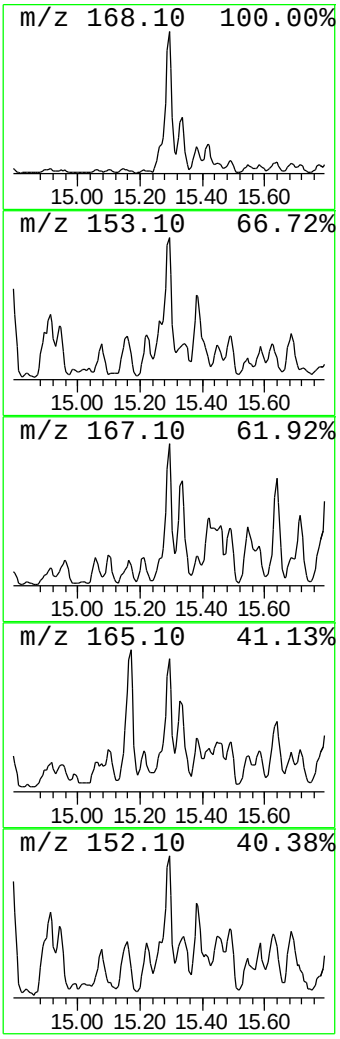
****

Peak Number 40 1-Isopropenylnaphthalene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	9.02 ng/ul	1862550	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	53
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	45
3	2-Methyl-3-phenylpyridine	169	C12H11N	003256-89-1	38
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

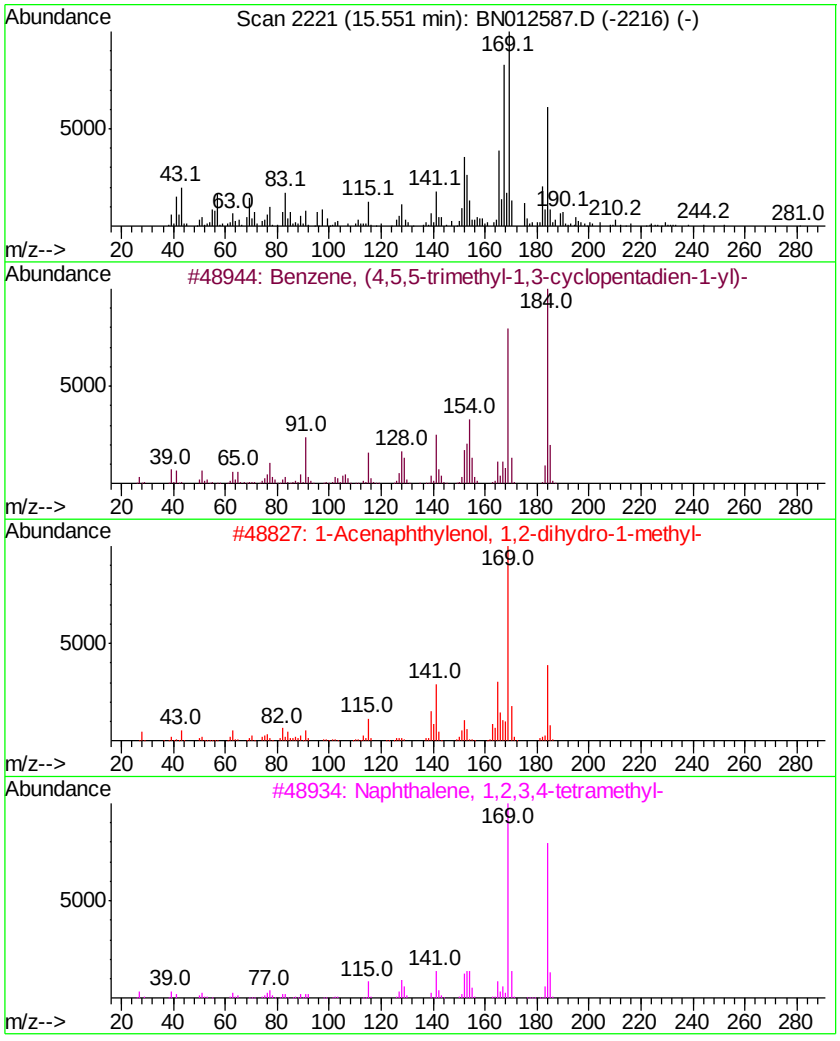
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

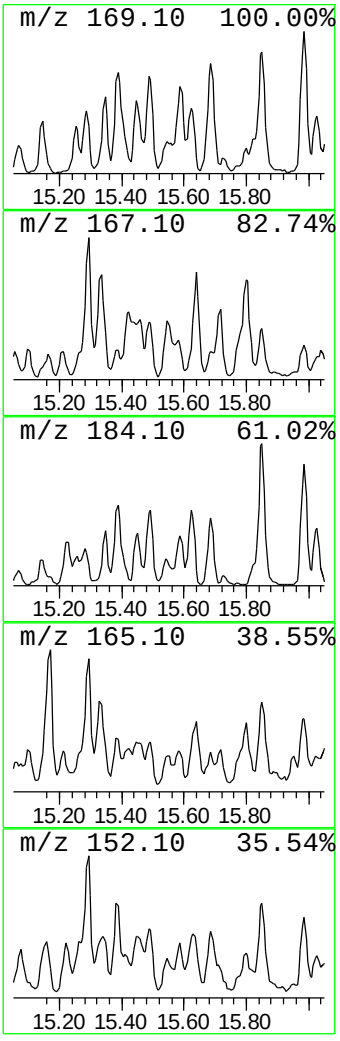
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, (4,5,5-trimethyl-1... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	8.46 ng/ul	1032990	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	64
2	1-Acenaphthylenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	60
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	55
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	55
5	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

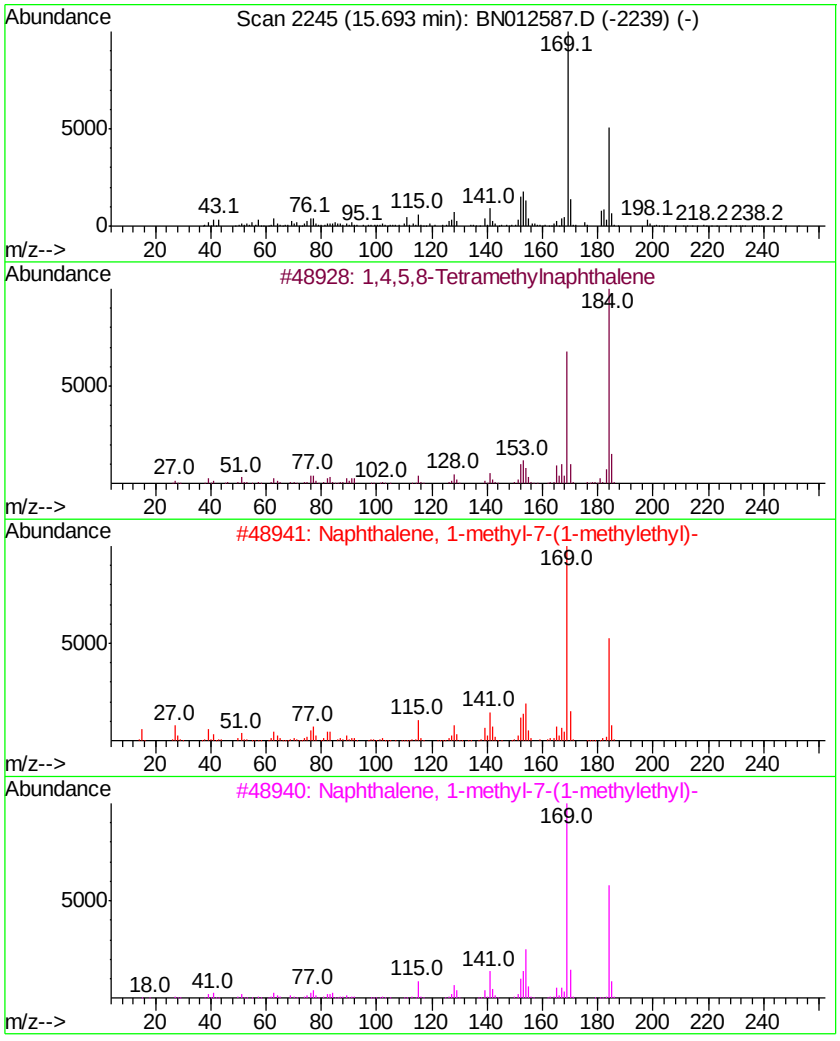
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

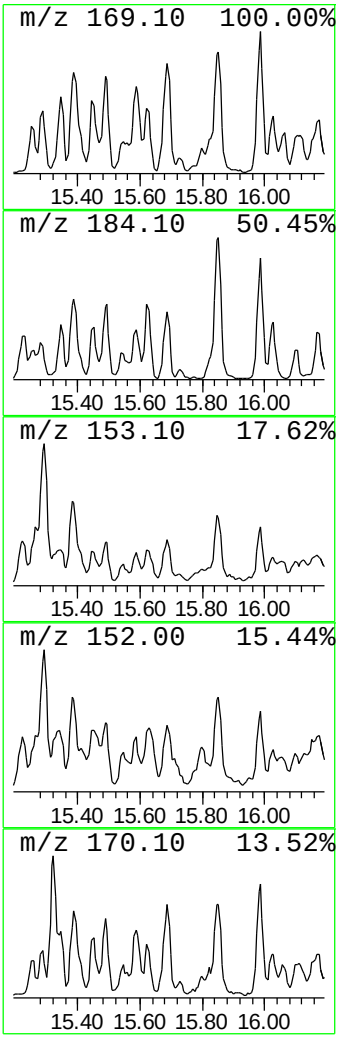
****

Peak Number 48 1,4,5,8-Tetramethylnaphthalene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	13.38 ng/ul	1632640	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	91
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	87
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	81
4	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	74
5	Chamazulene	184	C14H16	000529-05-5	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

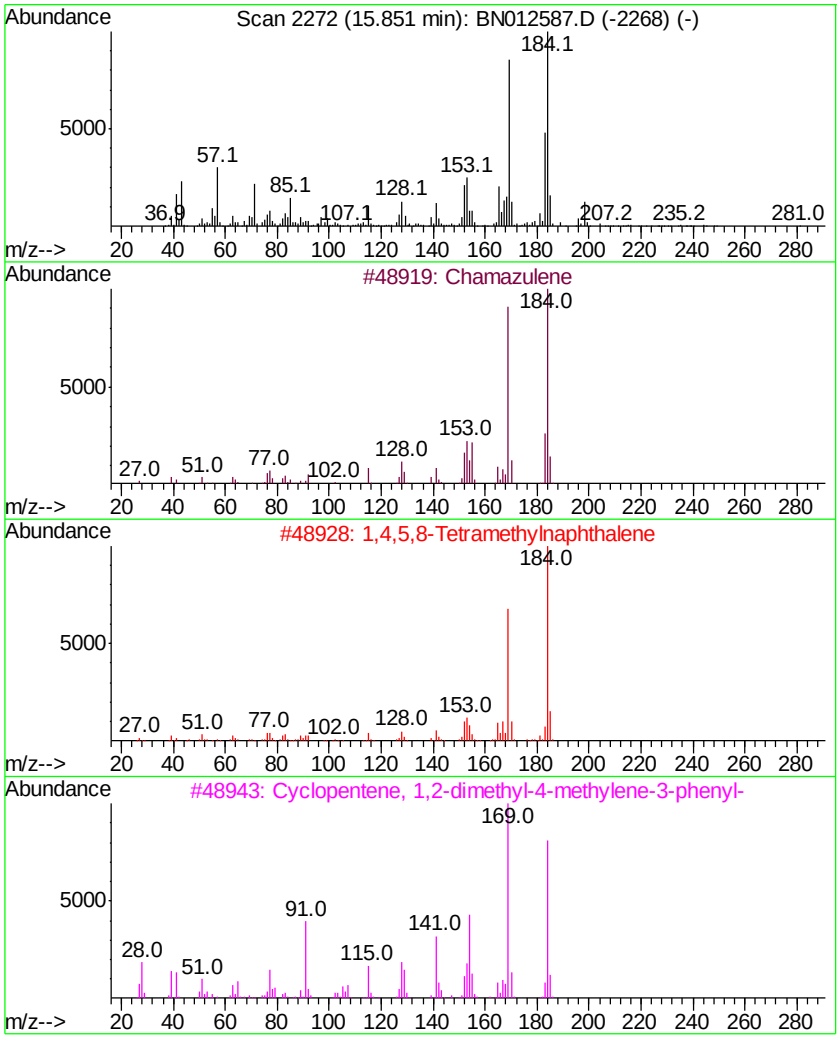
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

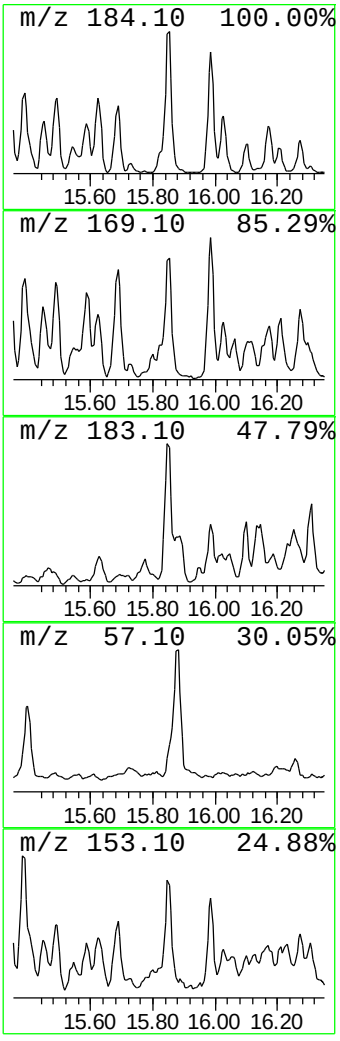
****

Peak Number 50 Chamazulene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	20.66 ng/ul	2521790	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	87
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	81
3	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	64
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	64
5	p-Benzylphenol	184	C13H12O	000101-53-1	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

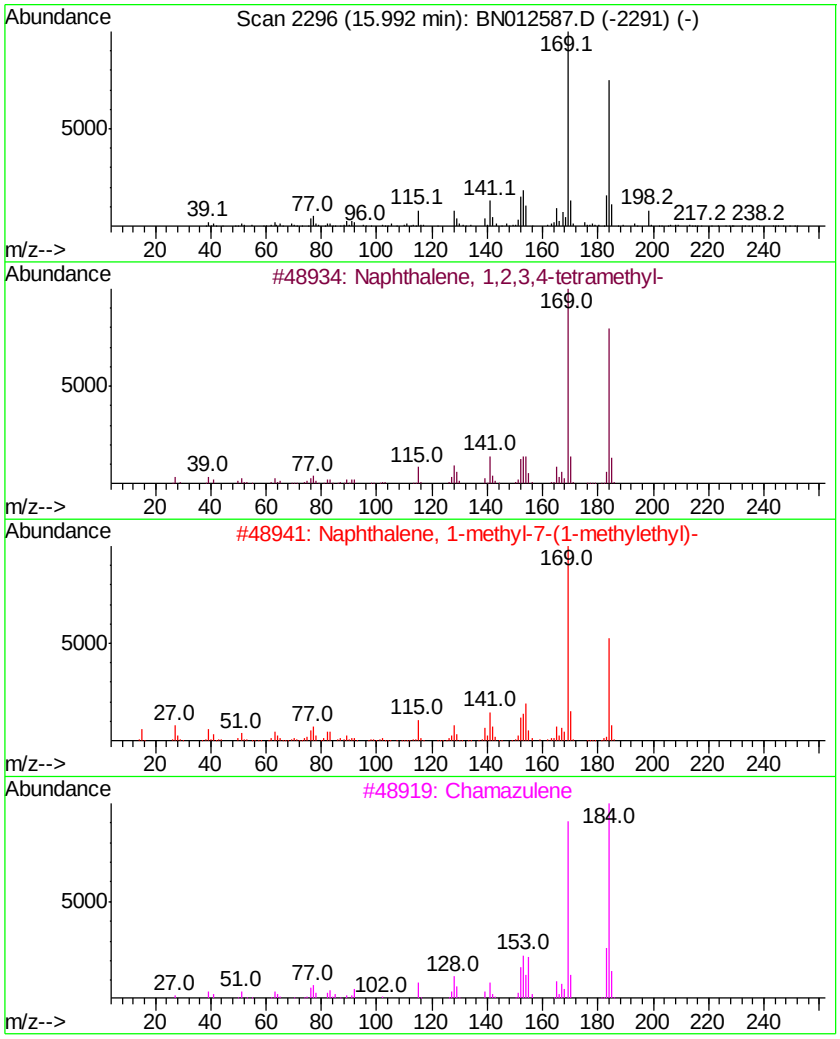
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

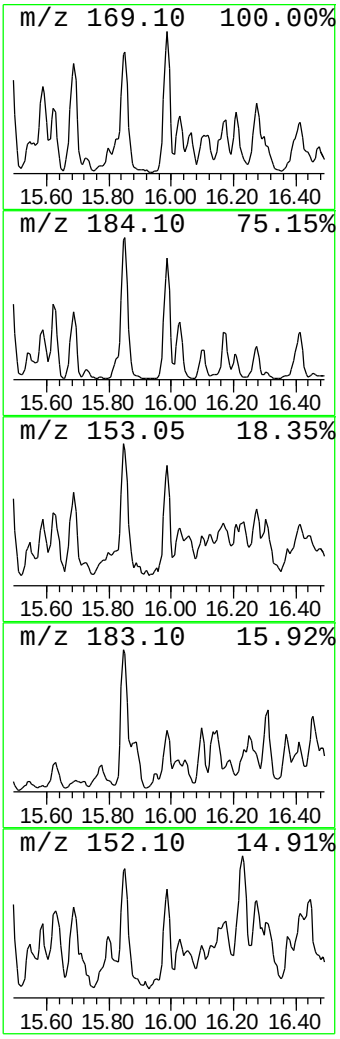
****

Peak Number 51 Naphthalene, 1,2,3,4-tetram... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	12.62 ng/ul	1540660	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	93
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	90
3	Chamazulene	184	C14H16	000529-05-5	89
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	86
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

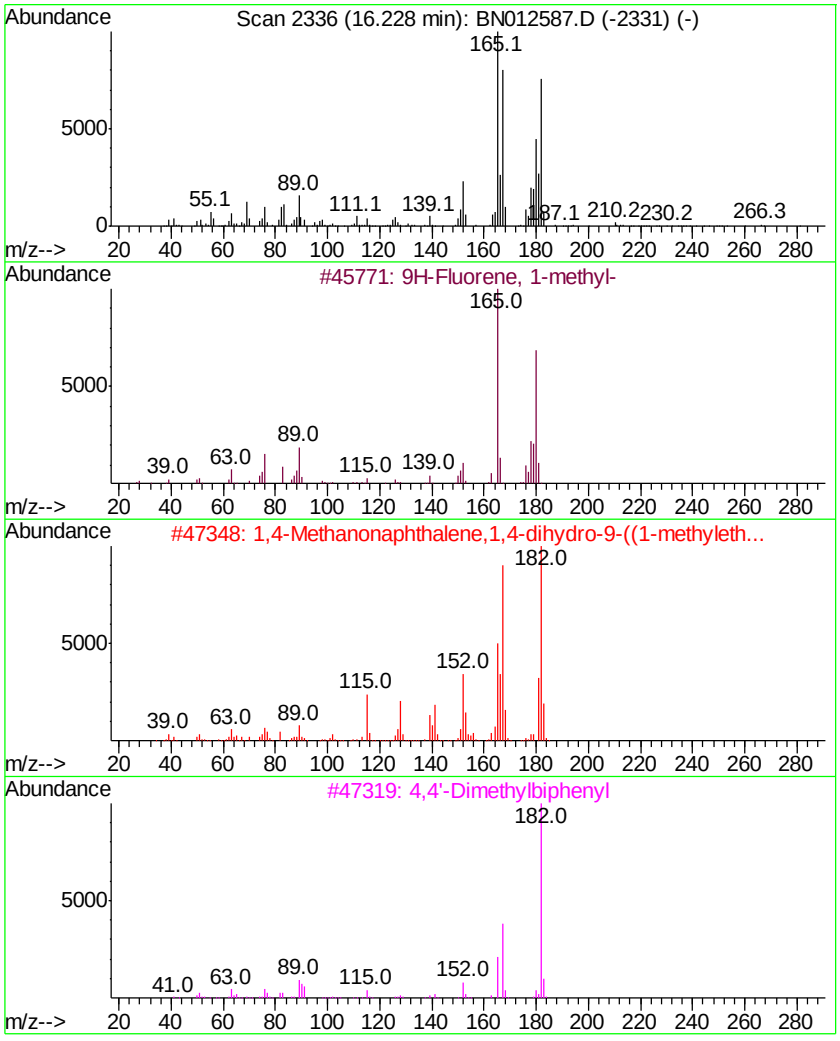
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

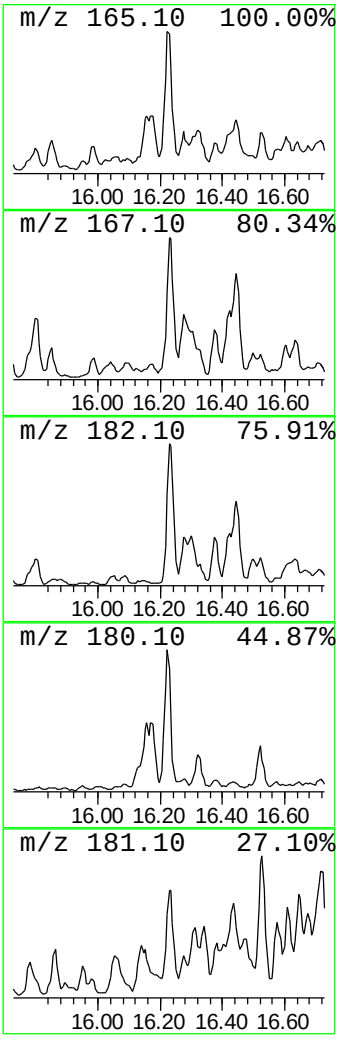
****

Peak Number 54 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	17.44 ng/ul	2129020	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	60
2	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	50
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	49
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	43
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

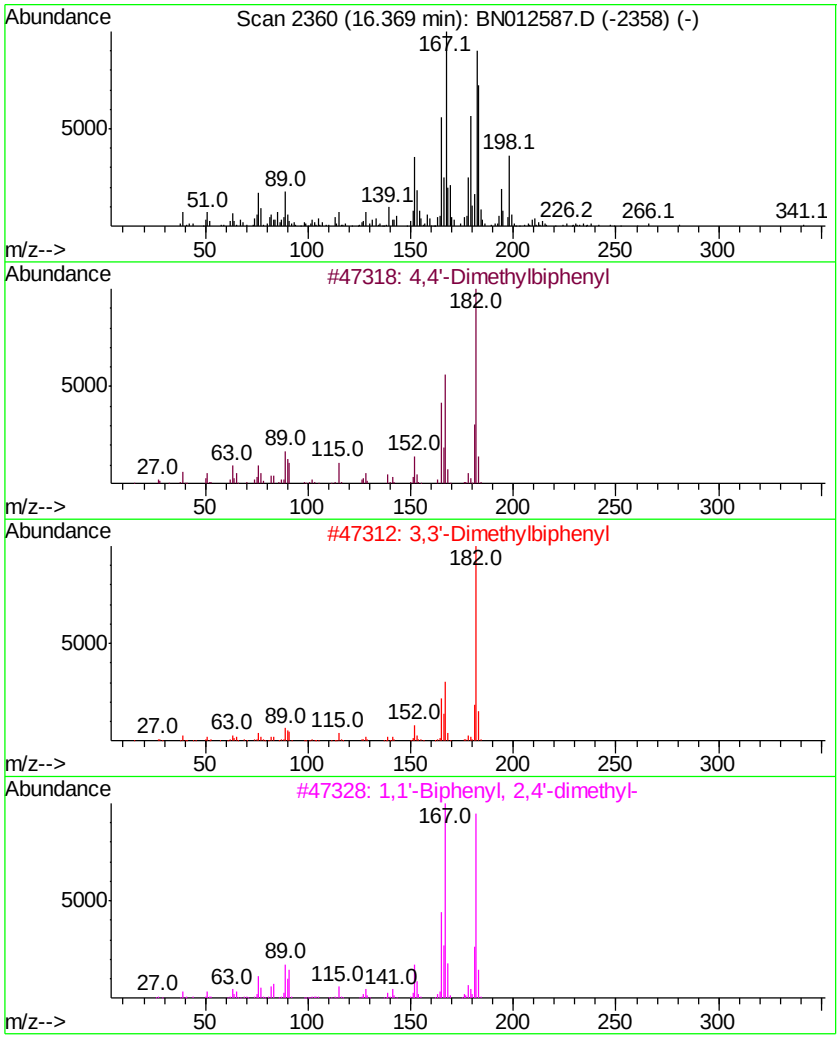
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

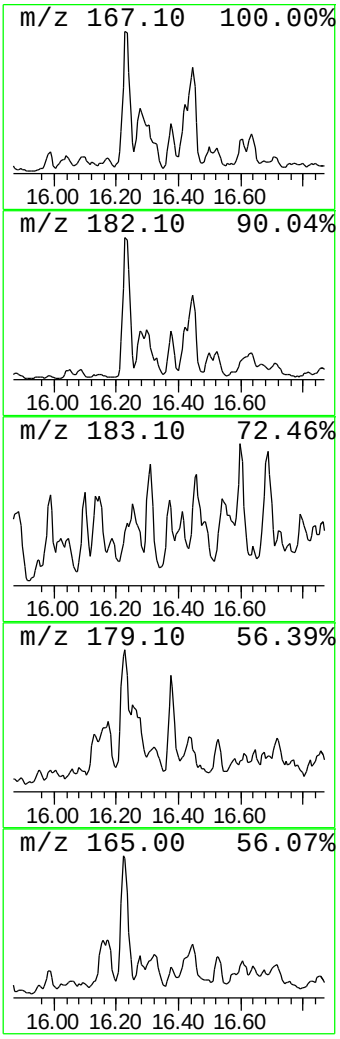
****

Peak Number 56 4,4'-Dimethylbiphenyl Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	7.18 ng/ul	876125	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
2	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	62
3	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	60
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	60
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

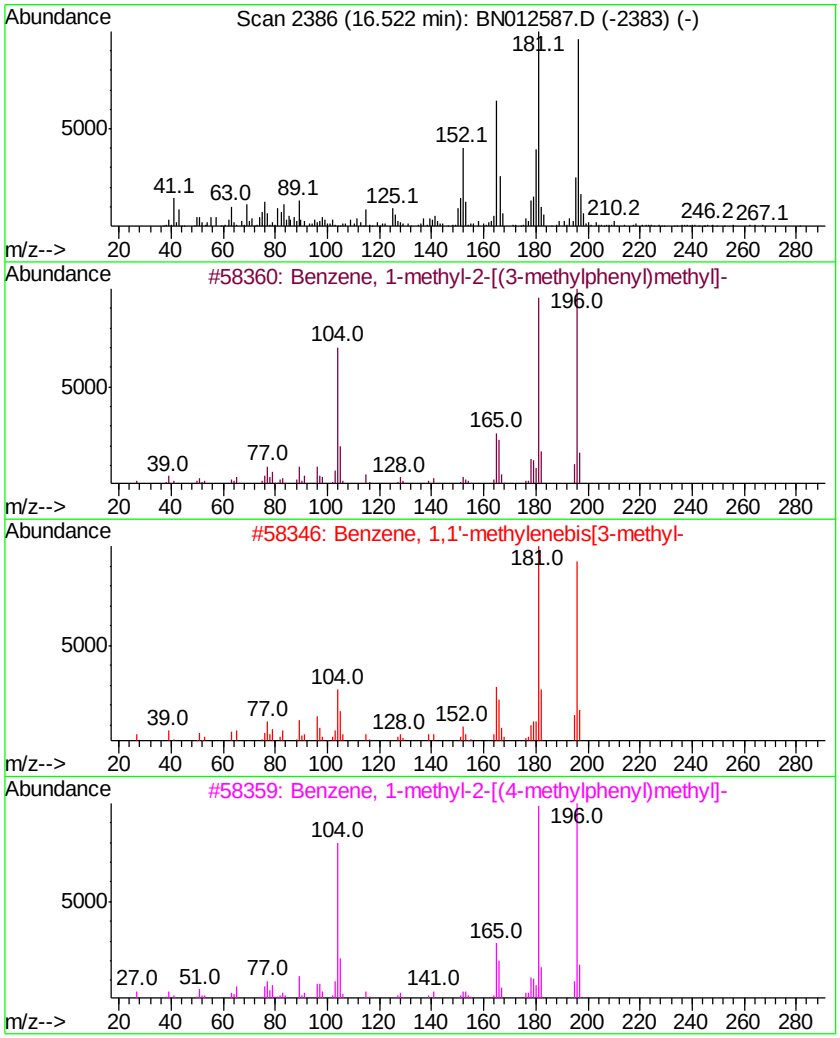
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

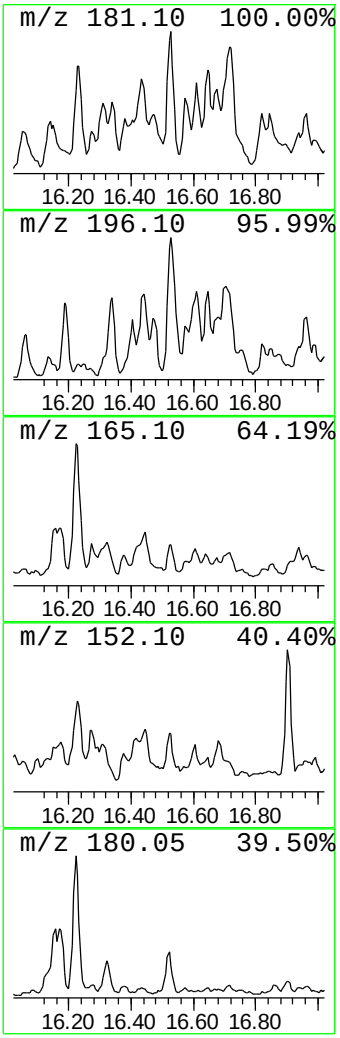
****

Peak Number 57 Benzene, 1-methyl-2-[(3-met... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	8.02 ng/ul	979209	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	64
2	Benzene, 1,1'-methylenebis[3-met...	196	C15H16	021895-14-7	60
3	Benzene, 1-methyl-2-[(4-methylph...	196	C15H16	021895-17-0	58
4	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	58
5	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

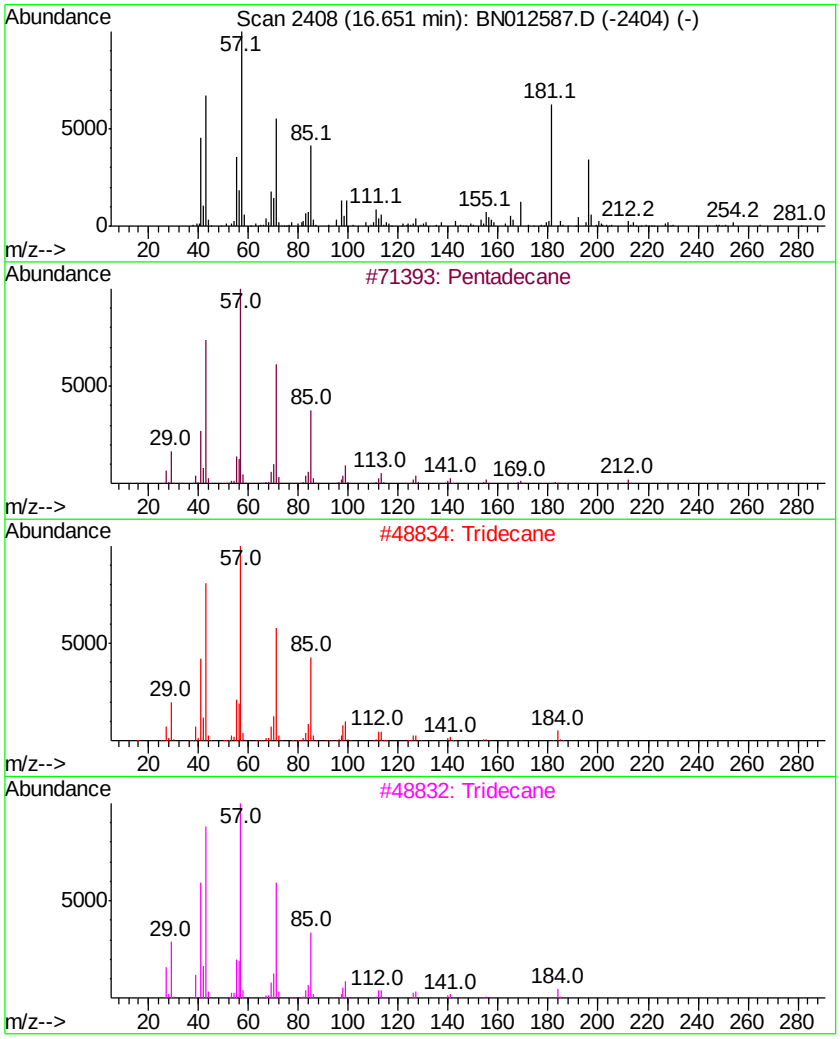
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

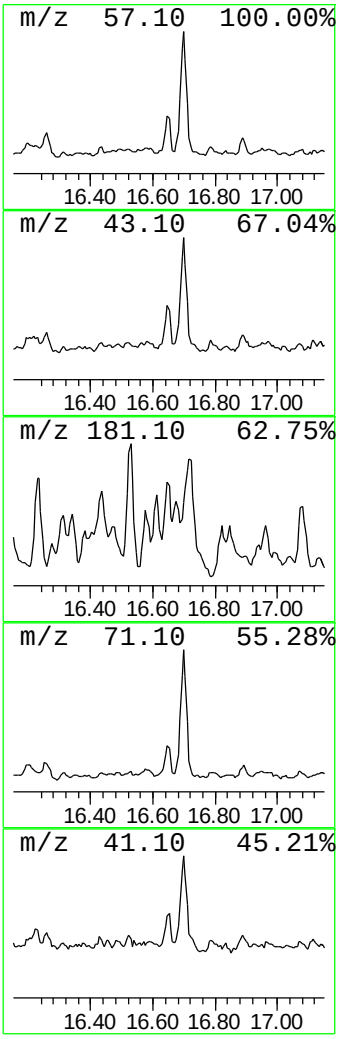
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	5.71 ng/ul	696734	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	64
2	Tridecane	184	C13H28	000629-50-5	50
3	Tridecane	184	C13H28	000629-50-5	50
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	46
5	Tetradecane	198	C14H30	000629-59-4	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

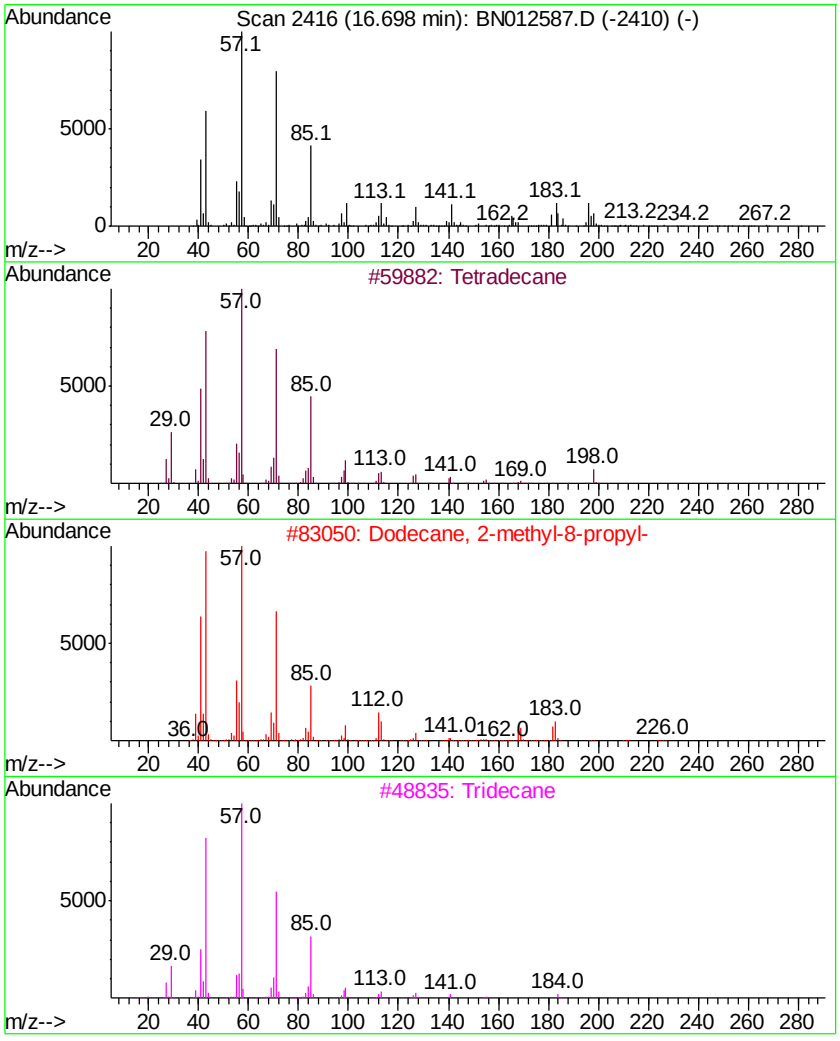
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

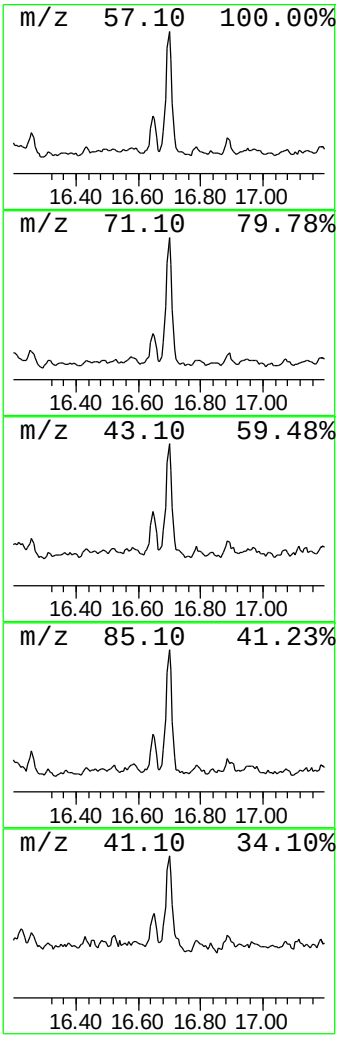
****

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	29.74 ng/ul	3629980	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	81
2	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	74
3	Tridecane	184	C13H28	000629-50-5	74
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5	Hexacosane	366	C26H54	000630-01-3	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

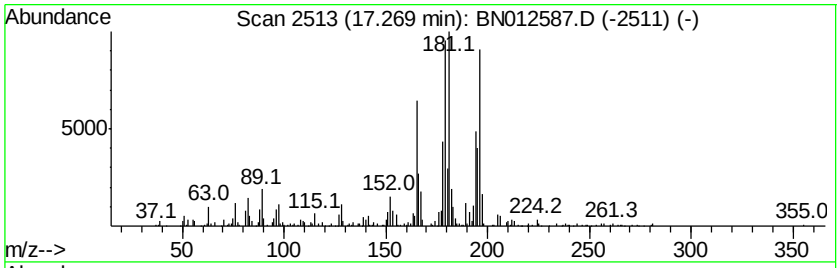
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

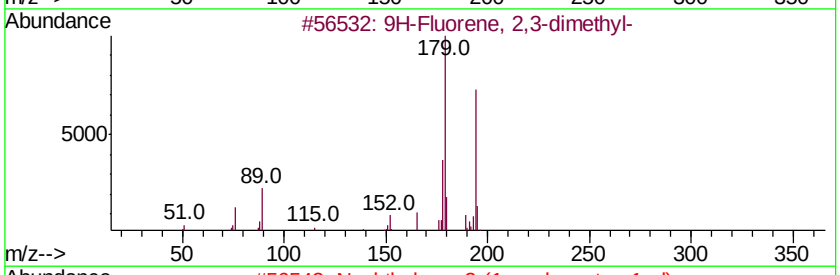
****

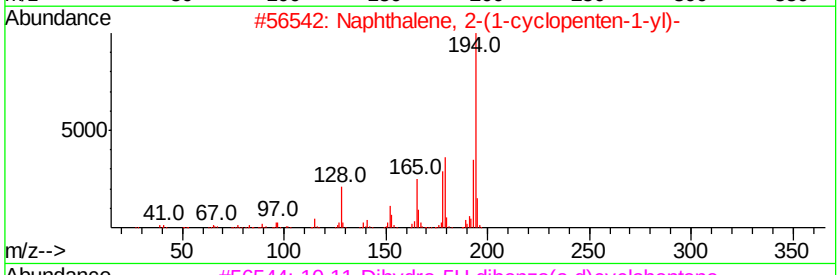
Peak Number 61 unknown-01 Concentration Rank 59

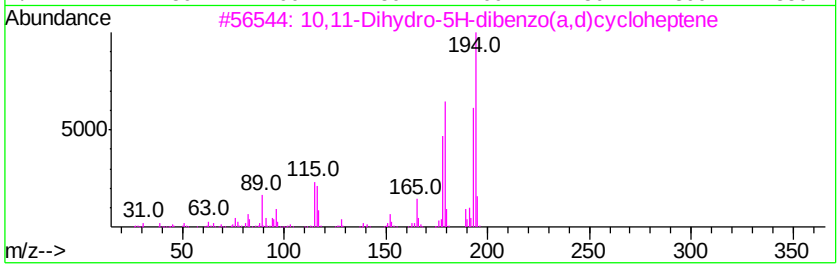
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	5.01 ng/ul	611462	Phenanthrene-d10	16.86

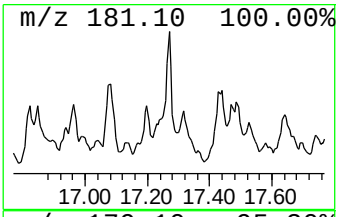
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	46
2	Naphthalene, 2-(1-cyclopenten-1-...	194	C15H14	074793-18-3	45
3	10,11-Dihydro-5H-dibenzo(a,d)cyc...	194	C15H14	000833-48-7	45
4	.alpha.-Methylstilbene	194	C15H14	000779-51-1	43
5	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	38

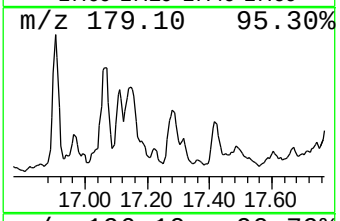


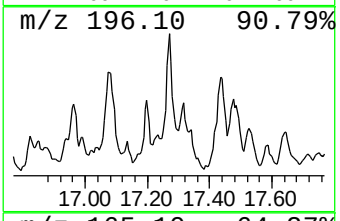


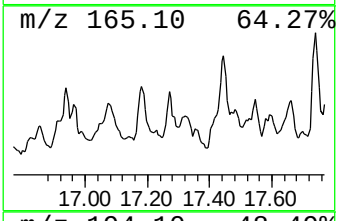


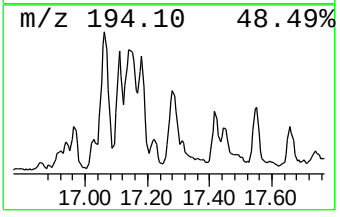












Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

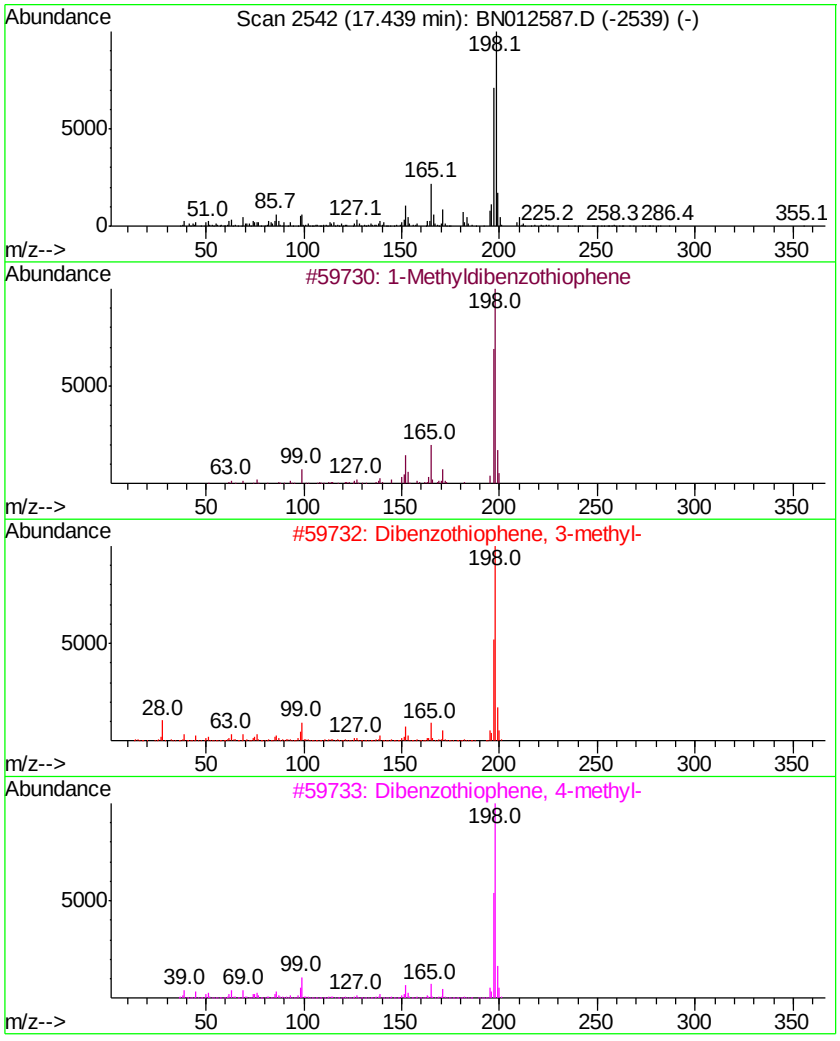
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

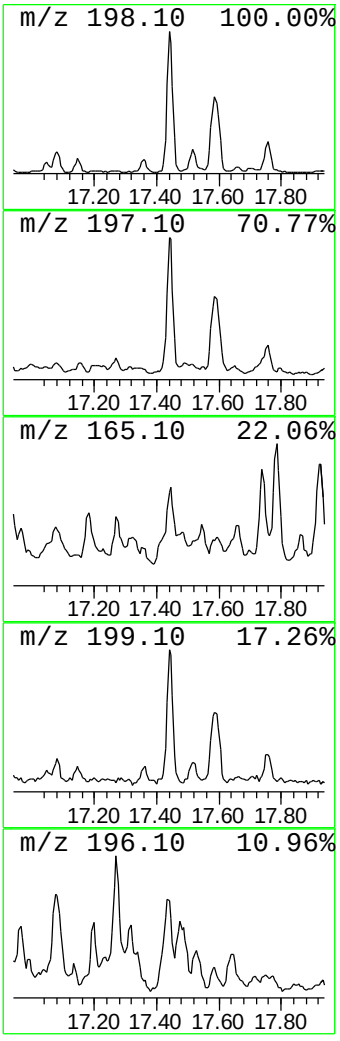
****

Peak Number 62 1-Methyldibenzothiophene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	9.23 ng/ul	1127130	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	95
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	74
5	Thioxanthene	198	C13H10S	000261-31-4	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

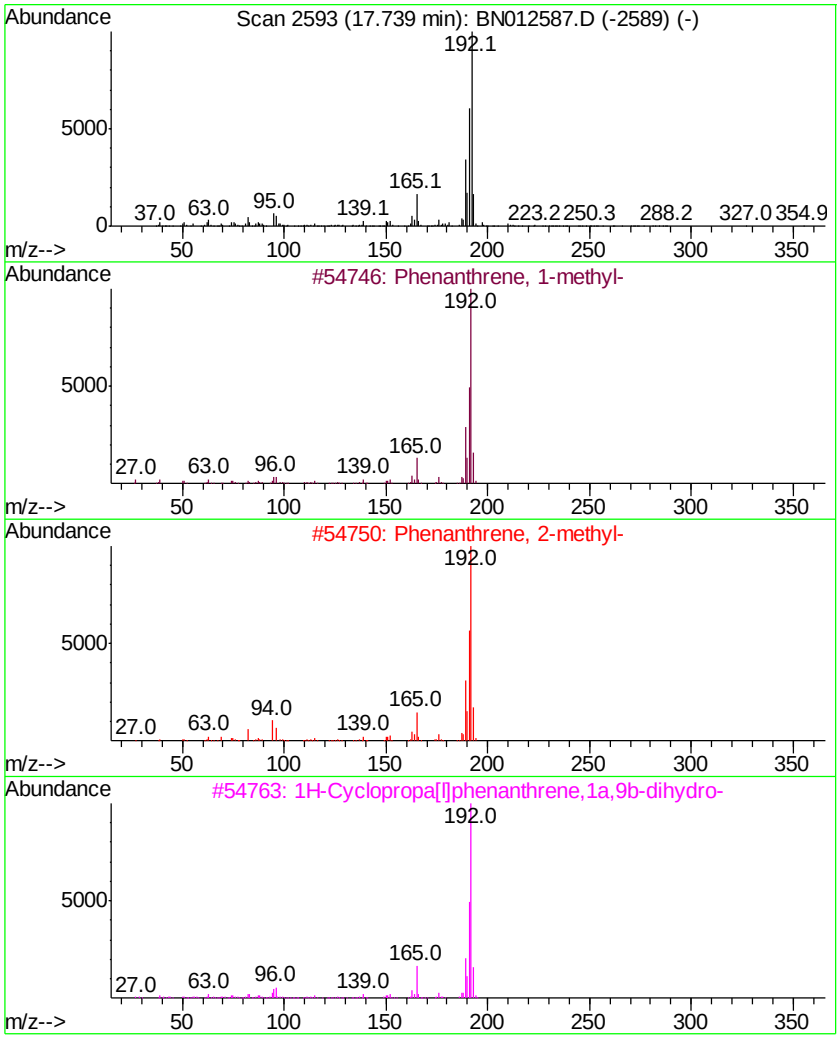
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

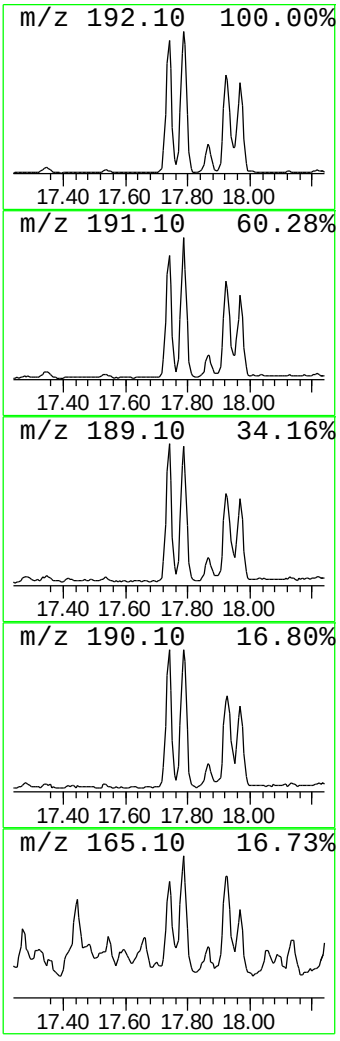
****

Peak Number 64 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	20.65 ng/ul	2520490	Phenanthrene-d10	16.86

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

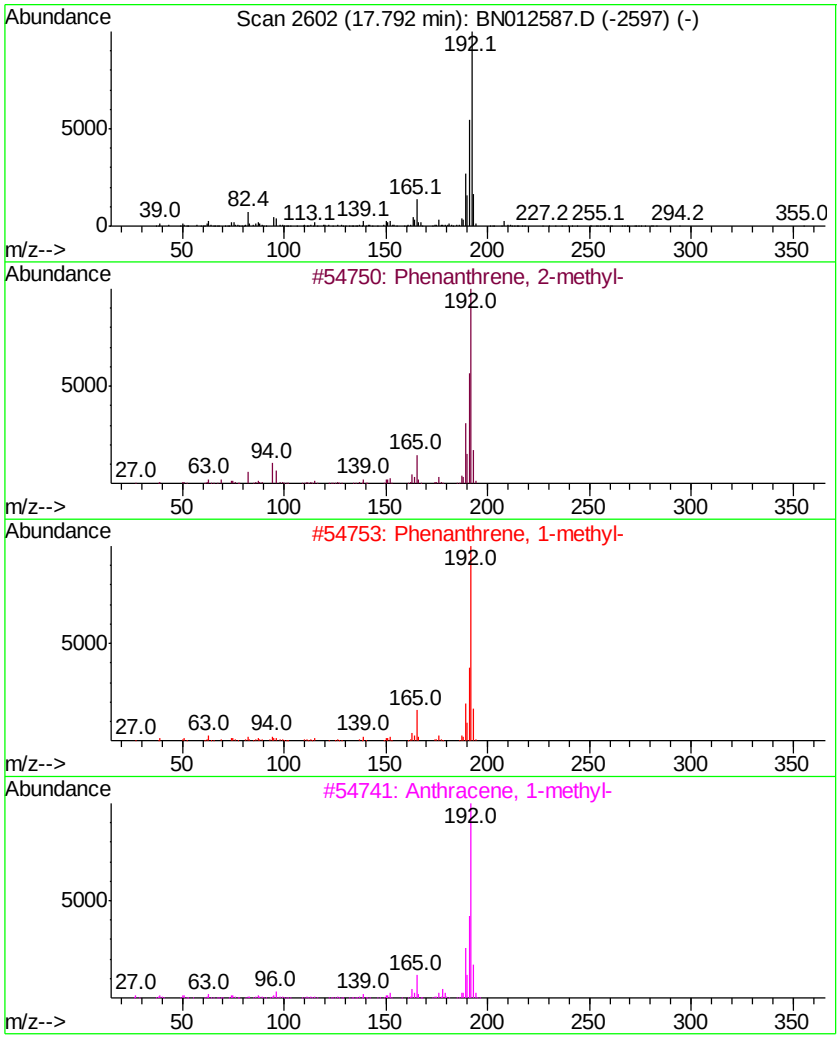
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

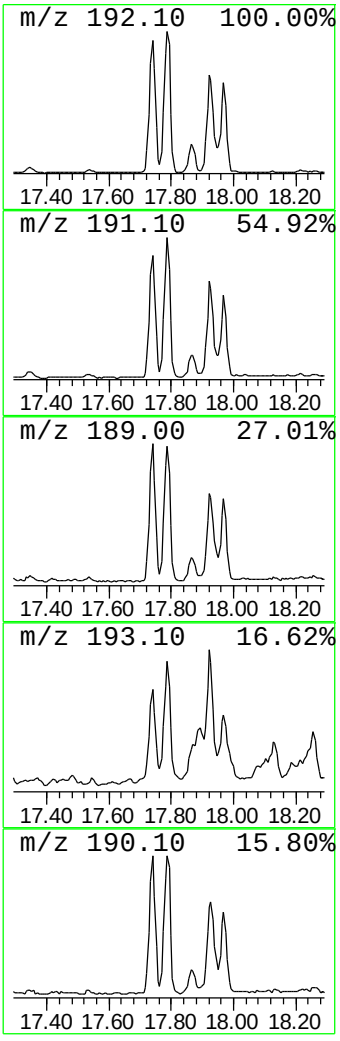
****

Peak Number 65 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	30.52 ng/ul	3725550	Phenanthrene-d10	16.86

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	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

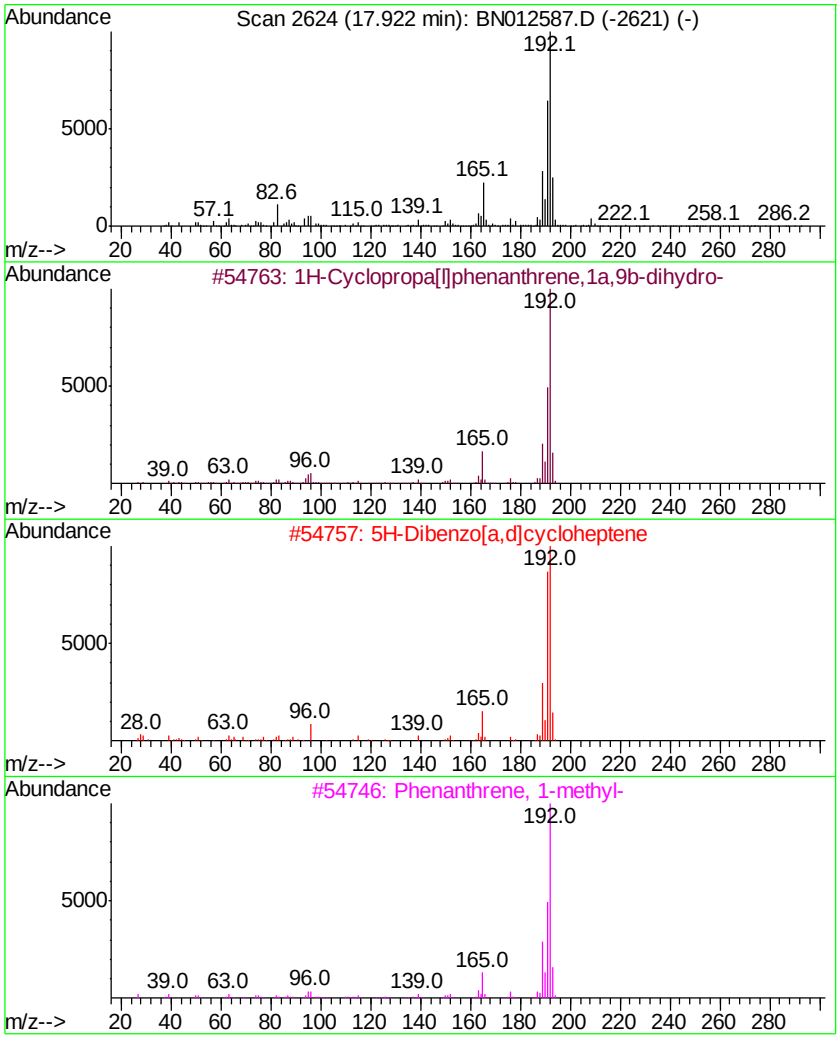
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

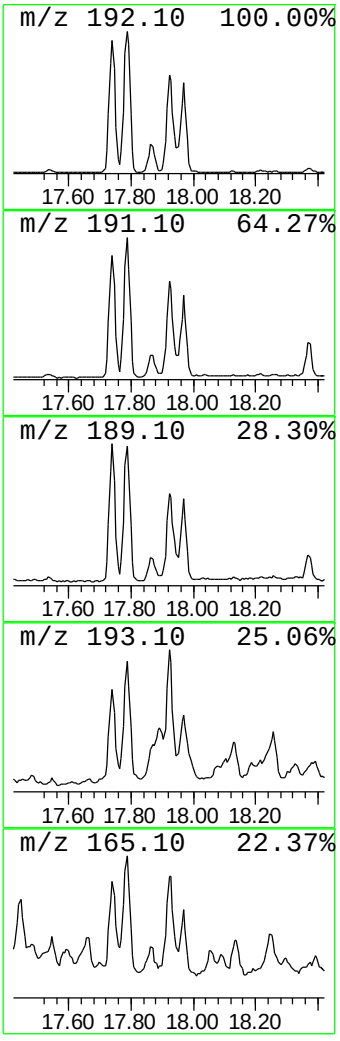
****

Peak Number 67 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	23.88 ng/ul	2914130	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

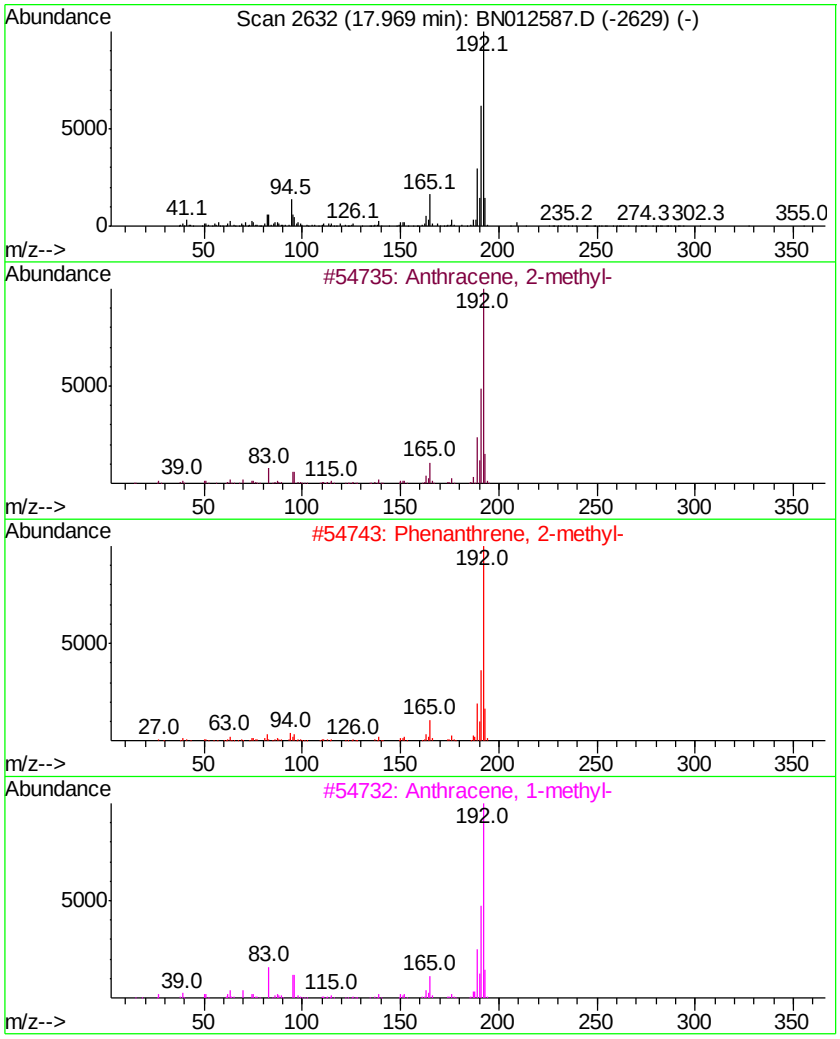
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

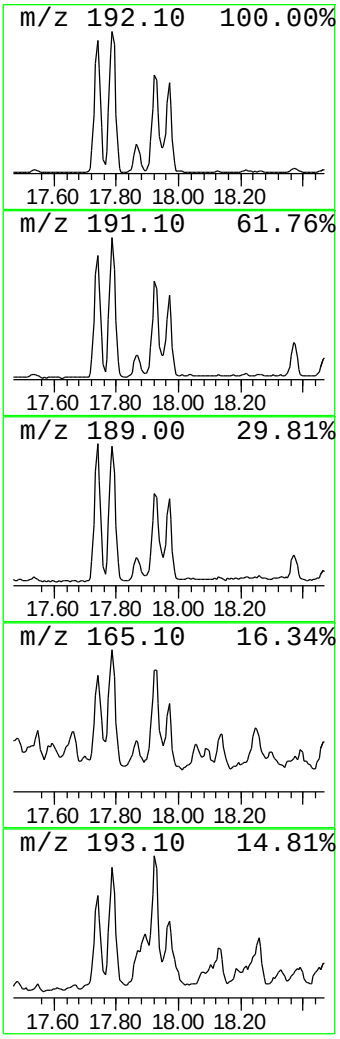
****

Peak Number 68 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	15.38 ng/ul	1877360	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

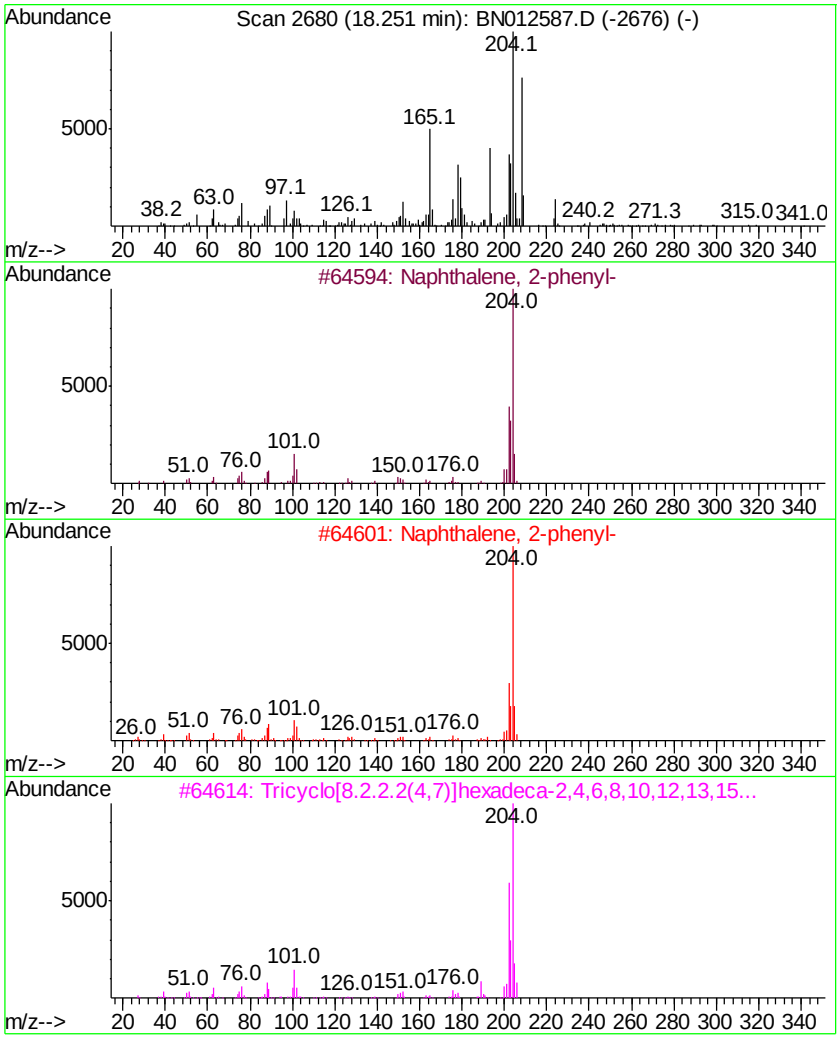
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

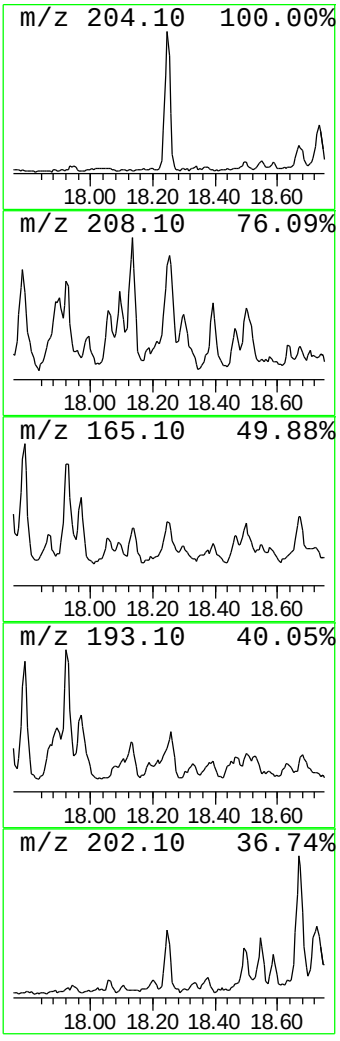
****

Peak Number 70 unknown-02 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	5.44 ng/ul	664443	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

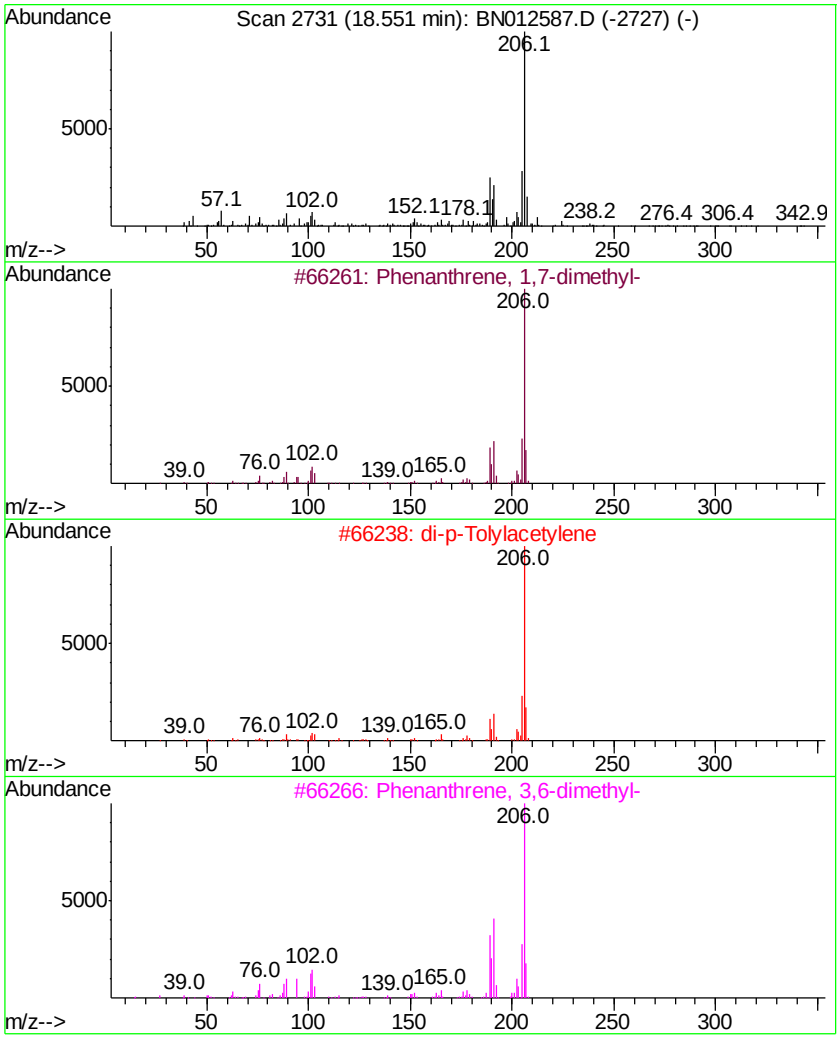
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

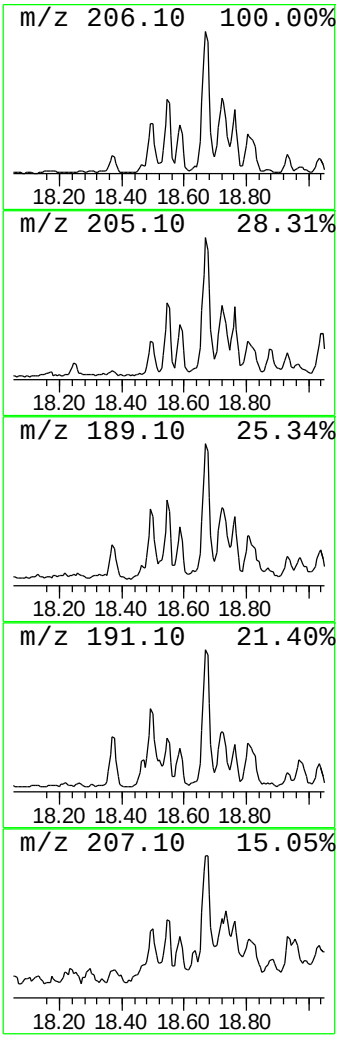
****

Peak Number 73 Phenanthrene, 1,7-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	8.52 ng/ul	1039640	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

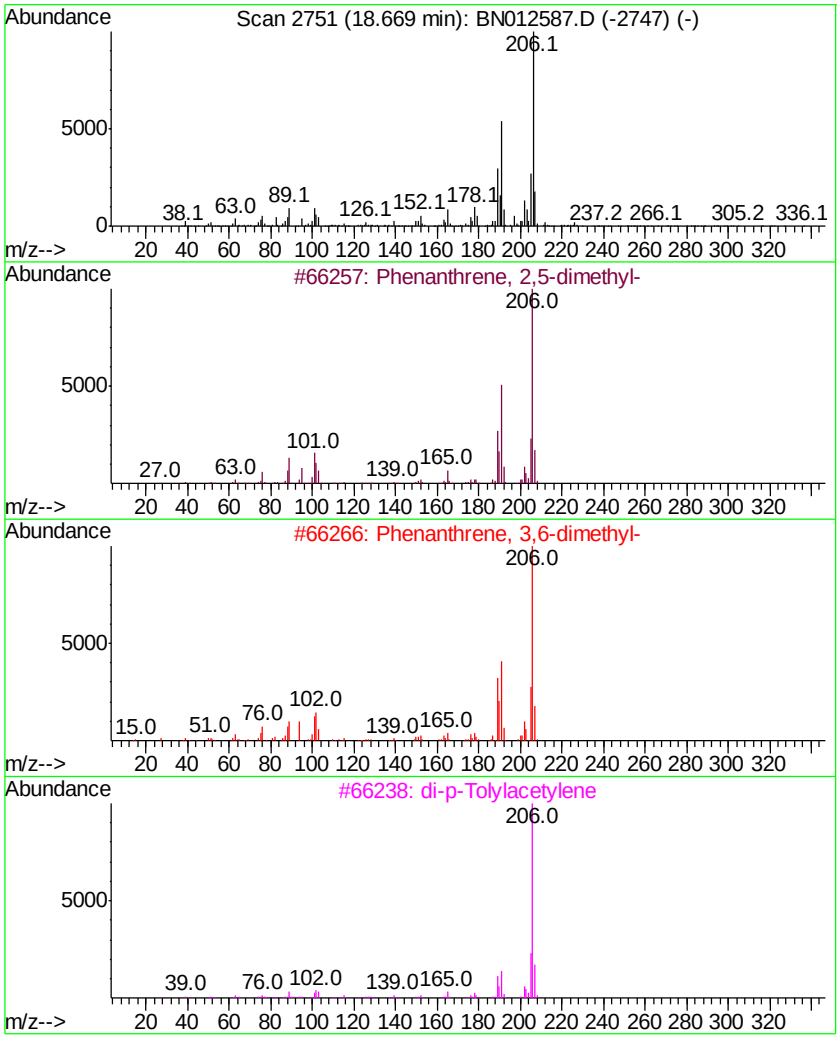
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

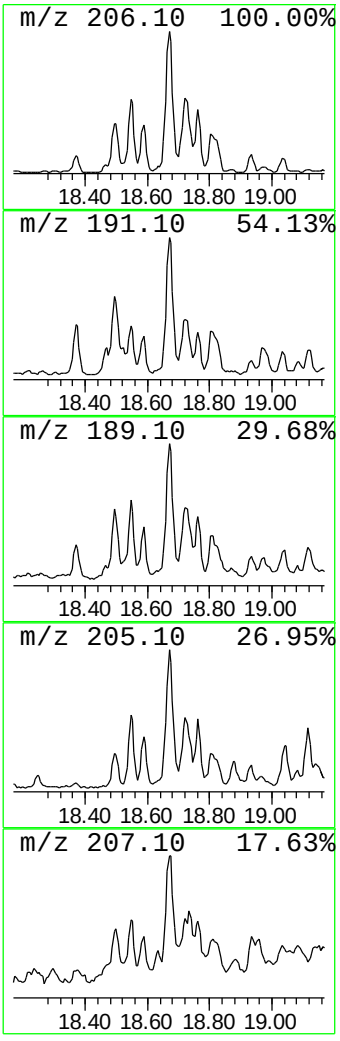
****

Peak Number 74 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	24.76 ng/ul	3021860	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

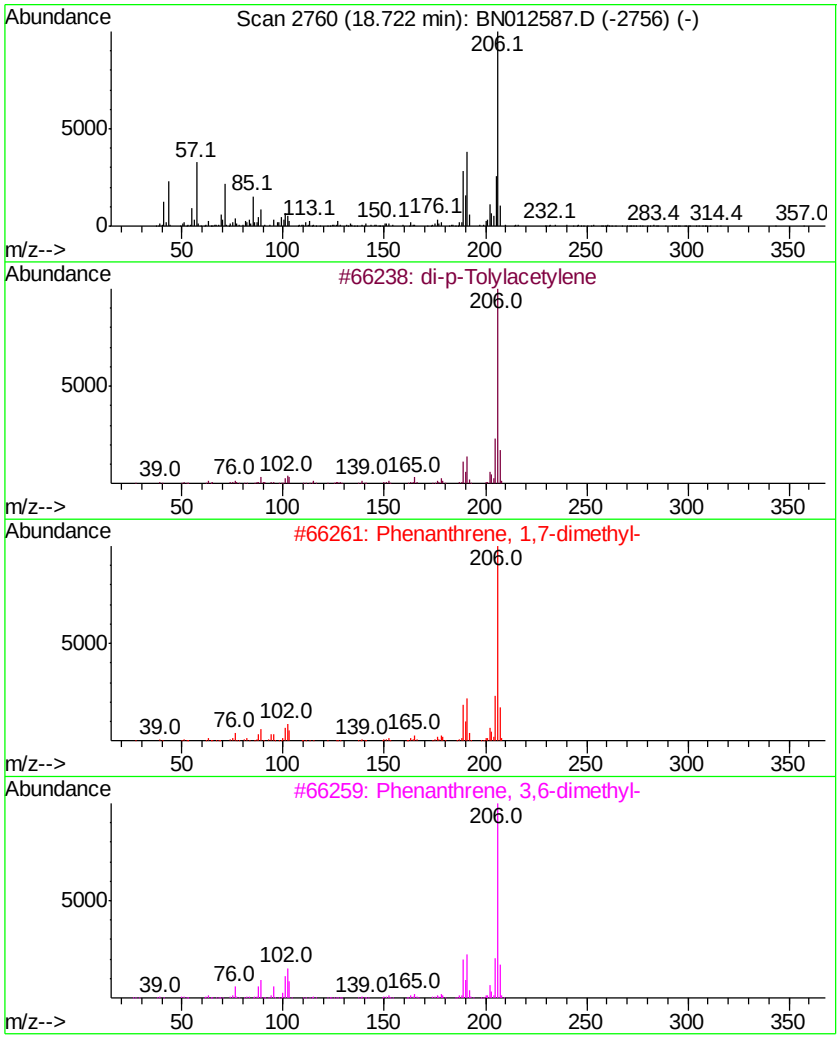
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

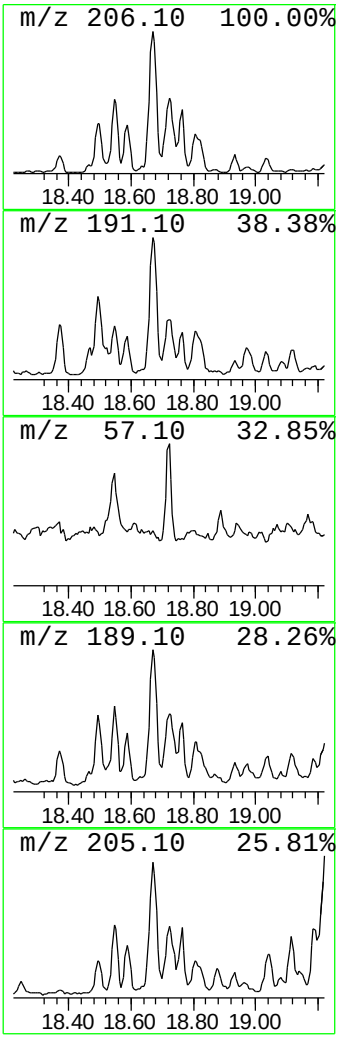
****

Peak Number 75 di-p-Tolylacetylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	14.35 ng/ul	1751360	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	81
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	68
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	68
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	68
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

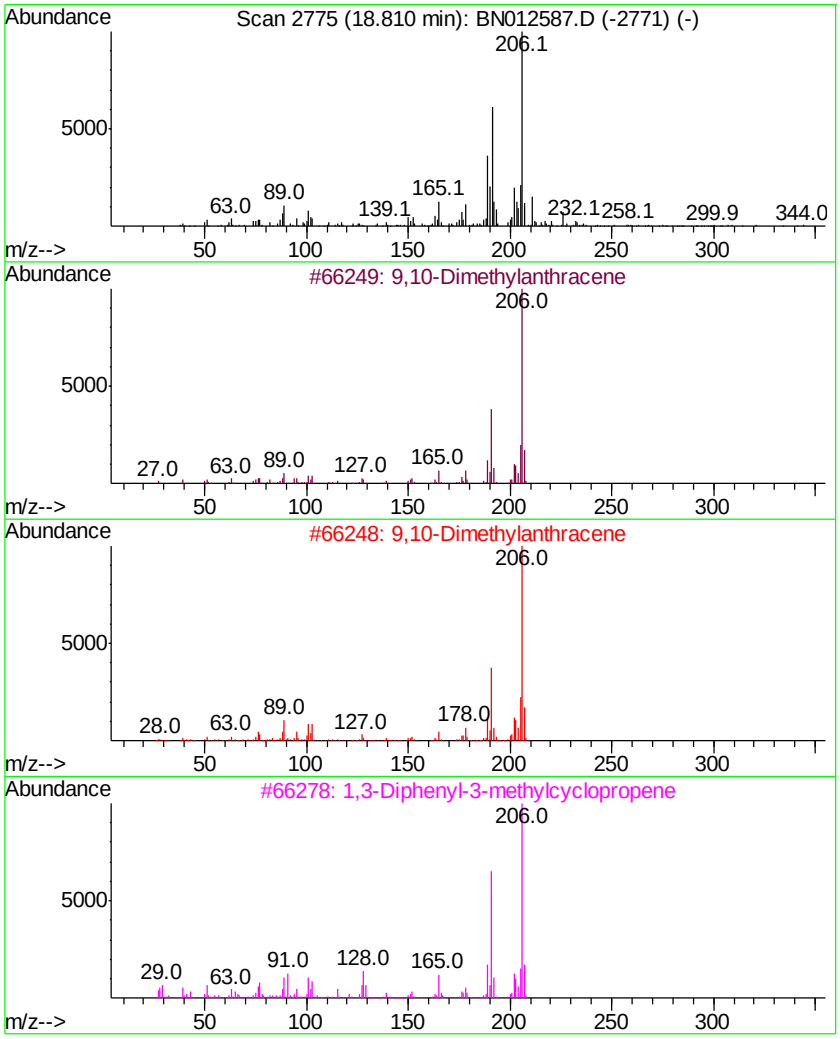
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

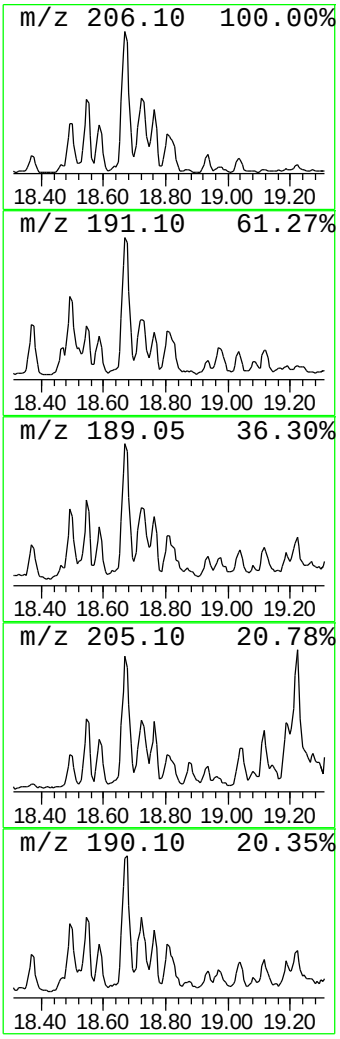
****

Peak Number 77 9,10-Dimethylanthracene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	9.33 ng/ul	1138880	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	86
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

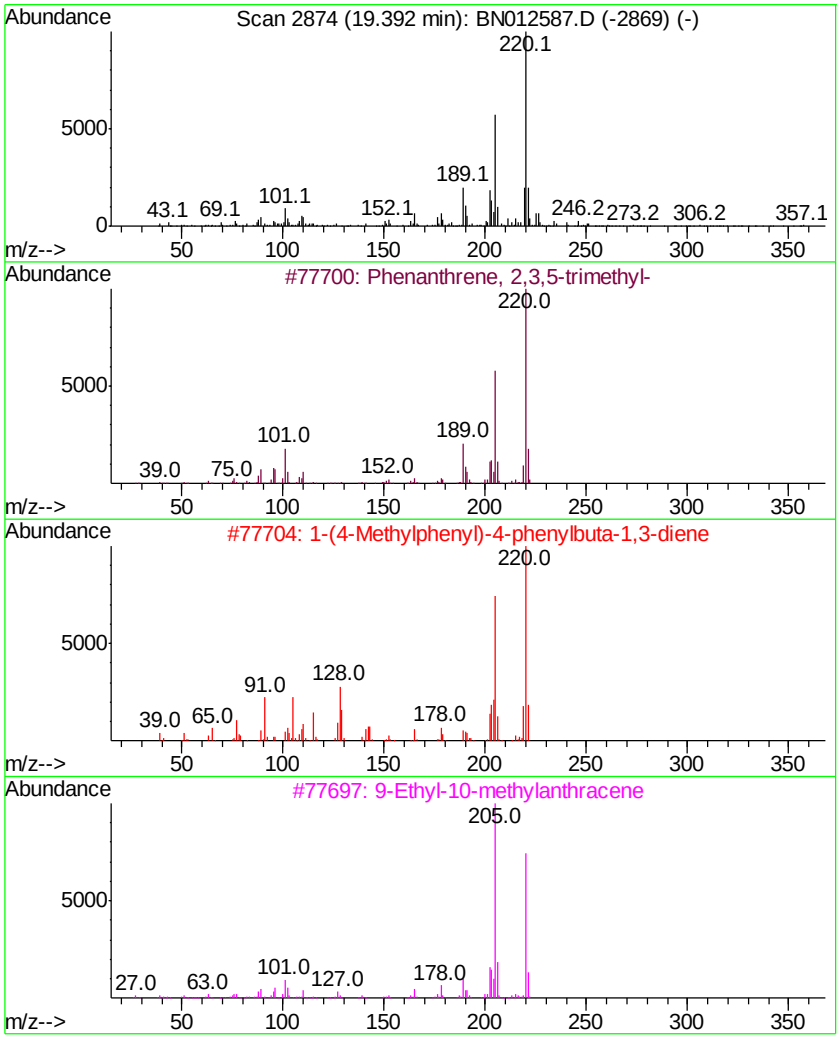
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

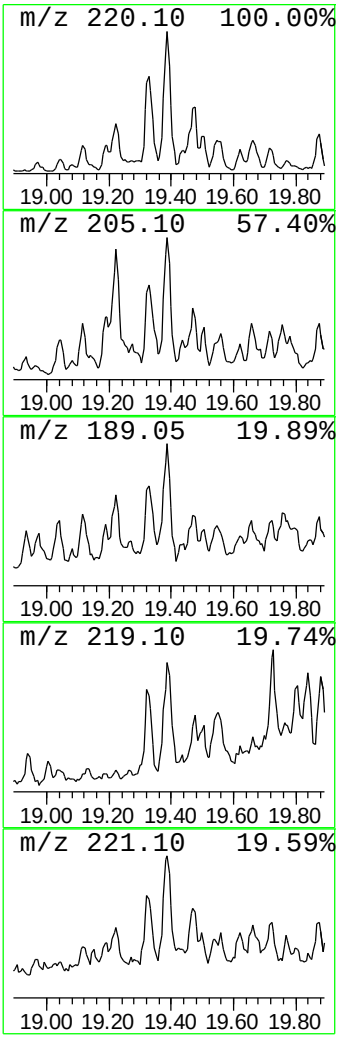
****

Peak Number 78 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	13.79 ng/ul	1655940	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	94
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	83
3	9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	64
4	Phenmethylcynide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	59
5	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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

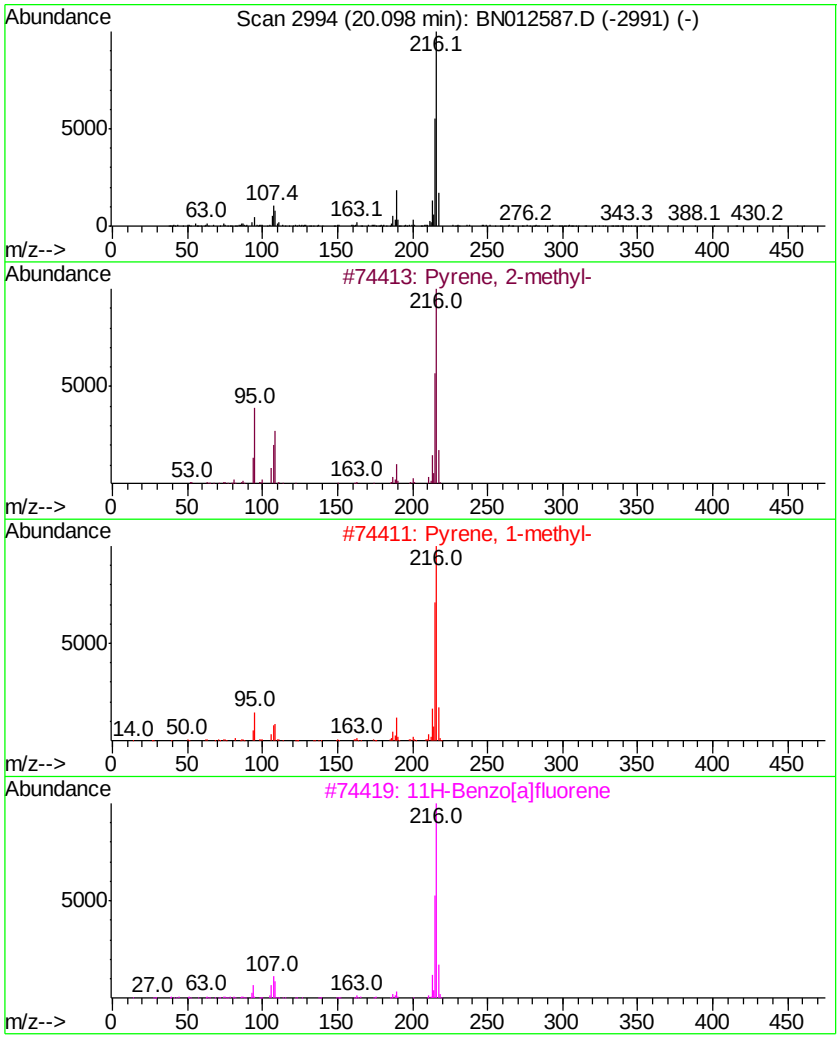
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

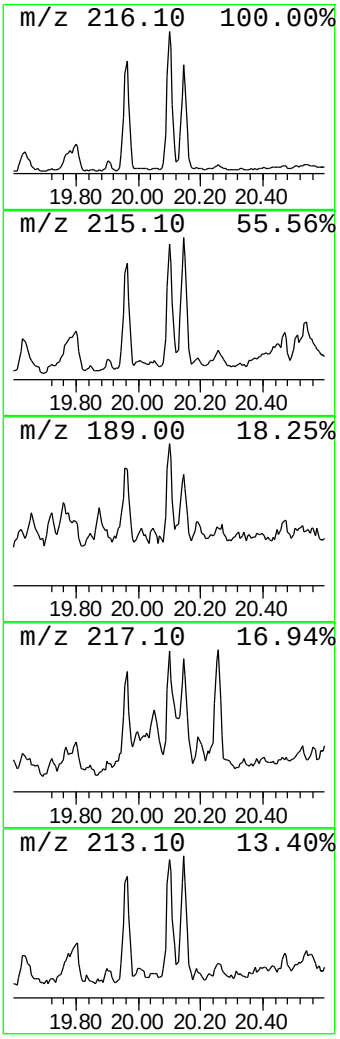
****

Peak Number 80 Pyrene, 2-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	7.64 ng/ul	917870	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111720\
Data File : BN012587.D
Acq On : 17 Nov 2020 14:42
Operator : CG/JU
Sample : L4762-05DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AC2DL

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	5.9	ng/ul	831574	2	10.22	2822660	20.0
(DEL) Alkane: Str...	10.89	3.2	ng/ul	452320	2	10.22	2822660	20.0
(DEL) Alkane: Cyc...	11.27	8.9	ng/ul	1254000	2	10.22	2822660	20.0
1H-Indene, 2,3-di...	11.33	5.4	ng/ul	759726	2	10.22	2822660	20.0
(DEL) Alkane: Cyc...	11.51	5.9	ng/ul	837703	2	10.22	2822660	20.0
Naphthalene, 1-me...	12.12	17.6	ng/ul	2478360	2	10.22	2822660	20.0
(DEL) Alkane: Str...	12.65	8.9	ng/ul	1840450	3	14.11	4130730	20.0
Naphthalene, 2,6-...	13.27	14.2	ng/ul	2936500	3	14.11	4130730	20.0
Naphthalene, 1,6-...	13.43	34.3	ng/ul	7077730	3	14.11	4130730	20.0
(DEL) Alkane: Str...	13.61	3.6	ng/ul	743530	3	14.11	4130730	20.0
Naphthalene, 2,3-...	13.67	13.6	ng/ul	2799490	3	14.11	4130730	20.0
(DEL) Alkane: Str...	13.88	2.2	ng/ul	454949	3	14.11	4130730	20.0
Naphthalene, 1,4,...	14.33	19.3	ng/ul	3989320	3	14.11	4130730	20.0
Naphthalene, 2,3,...	14.52	25.8	ng/ul	5322680	3	14.11	4130730	20.0
Naphthalene, 1,6,...	14.74	19.7	ng/ul	4075300	3	14.11	4130730	20.0
1-Isopropenylnaph...	15.29	9.0	ng/ul	1862550	3	14.11	4130730	20.0
Benzene, (4,5,5-t...	15.55	8.5	ng/ul	1032990	4	16.86	2441000	20.0
1,4,5,8-Tetrameth...	15.69	13.4	ng/ul	1632640	4	16.86	2441000	20.0
Chamazulene	15.85	20.7	ng/ul	2521790	4	16.86	2441000	20.0
Naphthalene, 1,2,...	15.99	12.6	ng/ul	1540660	4	16.86	2441000	20.0
9H-Fluorene, 1-me...	16.23	17.4	ng/ul	2129020	4	16.86	2441000	20.0
4,4'-Dimethylbiph...	16.37	7.2	ng/ul	876125	4	16.86	2441000	20.0
Benzene, 1-methyl...	16.52	8.0	ng/ul	979209	4	16.86	2441000	20.0
(DEL) Alkane: Str...	16.65	5.7	ng/ul	696734	4	16.86	2441000	20.0
(DEL) Alkane: Str...	16.70	29.7	ng/ul	3629980	4	16.86	2441000	20.0
unknown-01	17.27	5.0	ng/ul	611462	4	16.86	2441000	20.0
1-Methyldibenzoth...	17.44	9.2	ng/ul	1127130	4	16.86	2441000	20.0
Phenanthrene, 1-m...	17.74	20.6	ng/ul	2520490	4	16.86	2441000	20.0
Phenanthrene, 2-m...	17.79	30.5	ng/ul	3725550	4	16.86	2441000	20.0
1H-Cyclopropa[l]p...	17.92	23.9	ng/ul	2914130	4	16.86	2441000	20.0
Anthracene, 2-met...	17.97	15.4	ng/ul	1877360	4	16.86	2441000	20.0
unknown-02	18.25	5.4	ng/ul	664443	4	16.86	2441000	20.0
Phenanthrene, 1,7...	18.55	8.5	ng/ul	1039640	4	16.86	2441000	20.0
Phenanthrene, 2,5...	18.67	24.8	ng/ul	3021860	4	16.86	2441000	20.0
di-p-Tolylacetylene	18.72	14.4	ng/ul	1751360	4	16.86	2441000	20.0
9,10-Dimethylanth...	18.81	9.3	ng/ul	1138880	4	16.86	2441000	20.0
Phenanthrene, 2,3...	19.39	13.8	ng/ul	1655940	5	21.07	2402440	20.0
Pyrene, 2-methyl-	20.10	7.6	ng/ul	917870	5	21.07	2402440	20.0