LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000742.D
Acq On : 15 Oct 2019 04:57
Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

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_P\METHODS\SOM-EPA-BP100919MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	6	10	13	rBV	30752	33340	0.39%	0.030%
2	2.181	13	16	40	rVB	196469	372025	4.30%	0.335%
3	2.358	40	46	54	rVB	303324	386331	4.47%	0.348%
4	2.852	125	130	135	rVB	16691	26774	0.31%	0.024%
5	3.781	280	288	296	rVB	13083	21828	0.25%	0.020%
6	4.622	427	431	437	rVB	24852	30457	0.35%	0.027%
7	5.228	530	534	537	rBV	90499	82939	0.96%	0.075%
8	5.922	648	652	655	rBV	465884	409885	4.74%	0.369%
9	6.210	693	701	706	rBV	25245	26449	0.31%	0.024%
10	6.746	789	792	796	rVV	1851162	1426959	16.50%	1.284%
11	6.828	800	806	810	rVB	65248	61132	0.71%	0.055%
12	8.028	1006	1010	1014	rBV	2077639	1967841	22.76%	1.771%
13	9.216	1207	1212	1219	rBV2	13286	20586	0.24%	0.019%
14	9.798	1306	1311	1314	rBV	2576447	2350362	27.18%	2.115%
15	10.616	1445	1450	1454	rBV2	15062	18306	0.21%	0.016%
16	10.728	1464	1469	1474	rBV3	32408	46708	0.54%	0.042%
17	10.834	1484	1487	1495	rVB	51340	56118	0.65%	0.051%
18	11.022	1516	1519	1521	rBV	33203	31782	0.37%	0.029%
19	11.051	1521	1524	1525	rBV	192067	153148	1.77%	0.138%
20	11.069	1525	1527	1530	rVB	232080	181133	2.09%	0.163%
21	11.110	1532	1534	1540	rBV5	14247	24973	0.29%	0.022%
22	11.163	1540	1543	1545	rBV2	25165	27885	0.32%	0.025%
23	11.222	1550	1553	1555	rBV	73668	59640	0.69%	0.054%
24	11.245	1555	1557	1560	rVB	25719	19223	0.22%	0.017%
25	11.292	1561	1565	1568	rBV	2852362	2465550	28.51%	2.219%
26	11.404	1579	1584	1589	rBV2	109949	164364	1.90%	0.148%
27	11.557	1607	1610	1612	rBV	27657	26834	0.31%	0.024%
28	11.598	1615	1617	1619	rVV3	23589	21375	0.25%	0.019%
29	11.645	1619	1625	1629	rVB	275786	327261	3.78%	0.295%
30	11.710	1632	1636	1640	rVB2	150132	150936	1.75%	0.136%
31	11.757	1641	1644	1646	rBV2	19773	19010	0.22%	0.017%
32	11.792	1646	1650	1653	rBV3	143118	181814	2.10%	0.164%
33	11.816	1653	1654	1659	rVB2	65992	61350	0.71%	0.055%
34	11.881	1663	1665	1666	rVV	26731	19970	0.23%	0.018%

LSC Area Percent Report

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Operator : JU
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Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

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_P\METHODS\SOM-EPA-BP100919MA.M
Title : SVOA CALIBRATION

35	11.922	1668	1672	1675	rVV	5299740	4482954	51.85%	4.035%
36	11.957	1675	1678	1680	rVV	1485565	1141981	13.21%	1.028%
37	11.981	1680	1682	1685	rVV	326922	258447	2.99%	0.233%
38	12.016	1685	1688	1690	rVB	51004	45670	0.53%	0.041%
39	12.092	1697	1701	1703	rBV	2295571	2075416	24.00%	1.868%
40	12.116	1703	1705	1709	rVV	194528	163339	1.89%	0.147%
41	12.175	1709	1715	1716	rVV3	236781	242345	2.80%	0.218%
42	12.198	1716	1719	1722	rVB	851201	708233	8.19%	0.637%
43	12.234	1722	1725	1727	rBV	172404	173089	2.00%	0.156%
44	12.257	1727	1729	1732	rVB	187983	145204	1.68%	0.131%
45	12.351	1742	1745	1748	rBV3	76926	88144	1.02%	0.079%
46	12.392	1748	1752	1754	rVV	1110405	981837	11.36%	0.884%
47	12.445	1754	1761	1765	rVV2	5802214	8212683	94.98%	7.391%
48	12.492	1766	1769	1772	rVV	1282863	992167	11.47%	0.893%
49	12.522	1772	1774	1777	rVB	83792	69153	0.80%	0.062%
50	12.575	1779	1783	1787	rBV2	1924753	1999501	23.12%	1.800%
51	12.628	1787	1792	1795	rVV	7182724	8646552	100.00%	7.782%
52	12.669	1795	1799	1802	rVV	4107806	3344827	38.68%	3.010%
53	12.710	1802	1806	1809	rVV	156251	128578	1.49%	0.116%
54	12.745	1809	1812	1816	rVB	553280	440516	5.09%	0.396%
55	12.792	1816	1820	1823	rBV	3163504	2644226	30.58%	2.380%
56	12.845	1823	1829	1832	rVV	4593986	4294159	49.66%	3.865%
57	12.875	1832	1834	1836	rVV	1698788	1516361	17.54%	1.365%
58	12.922	1836	1842	1845	rVV	7578878	8025711	92.82%	7.223%
59	12.951	1845	1847	1851	rVB2	60109	46568	0.54%	0.042%
60	13.004	1851	1856	1858	rBV2	1256557	1680466	19.44%	1.512%
61	13.028	1858	1860	1863	rVV	780829	825036	9.54%	0.743%
62	13.063	1863	1866	1868	rVV	523375	516548	5.97%	0.465%
63	13.092	1868	1871	1874	rVV	4168909	4020479	46.50%	3.618%
64	13.133	1874	1878	1881	rVV	7244167	6870701	79.46%	6.184%
65	13.175	1881	1885	1889	rVB	469675	440137	5.09%	0.396%
66	13.233	1889	1895	1898	rVB2	853528	1134678	13.12%	1.021%
67	13.286	1900	1904	1907	rBV	4403199	4221000	48.82%	3.799%
68	13.316	1907	1909	1911	rVV	2424457	2330535	26.95%	2.097%
69	13.339	1911	1913	1916	rVV	4267054	3167048	36.63%	2.850%
70	13.386	1918	1921	1925	rVB	1241558	1094149	12.65%	0.985%
71	13.433	1926	1929	1931	rBV	591217	603487	6.98%	0.543%

LSC Area Percent Report

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Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Title : SVOA CALIBRATION

72	13.451	1931	1932	1935	rVB2	592998	421682	4.88%	0.380%
73	13.504	1935	1941	1946	rBV	5448052	7207657	83.36%	6.487%
74	13.557	1948	1950	1953	rVB	490145	398784	4.61%	0.359%
75	13.604	1955	1958	1963	rVB2	350516	344423	3.98%	0.310%
76	13.651	1963	1966	1971	rVB2	251131	233685	2.70%	0.210%
77	13.716	1973	1977	1980	rBV	2239955	1933672	22.36%	1.740%
78	13.745	1980	1982	1985	rVB4	28375	21001	0.24%	0.019%
79	13.792	1987	1990	1993	rBV	425958	372151	4.30%	0.335%
80	13.833	1994	1997	2001	rVB2	274493	258901	2.99%	0.233%
81	13.875	2001	2004	2005	rBV	178370	143173	1.66%	0.129%
82	13.898	2005	2008	2011	rVB	1122182	908122	10.50%	0.817%
83	13.933	2011	2014	2016	rBV	262135	223046	2.58%	0.201%
84	13.969	2017	2020	2023	rVV	2635161	2410401	27.88%	2.169%
85	14.004	2023	2026	2030	rVB	954417	817602	9.46%	0.736%
86	14.045	2030	2033	2037	rBV	178521	162591	1.88%	0.146%
87	14.104	2038	2043	2047	rBV2	685796	746033	8.63%	0.671%
88	14.145	2047	2050	2053	rBV	1066091	874200	10.11%	0.787%
89	14.175	2053	2055	2057	rVV2	396872	317466	3.67%	0.286%
90	14.198	2057	2059	2061	rVV	356215	283760	3.28%	0.255%
91	14.228	2061	2064	2068	rVB	591666	570169	6.59%	0.513%
92	14.269	2069	2071	2075	rVB2	75572	63061	0.73%	0.057%
93	14.316	2076	2079	2081	rBV	80811	70892	0.82%	0.064%
94	14.492	2107	2109	2115	rVB	155766	155260	1.80%	0.140%
95	14.686	2140	2142	2143	rBV	68929	52027	0.60%	0.047%
96	14.763	2153	2155	2158	rBV2	70613	76868	0.89%	0.069%
97	14.986	2190	2193	2196	rVB	113416	119056	1.38%	0.107%
98	15.104	2211	2213	2220	rVB	175786	190113	2.20%	0.171%
99	15.445	2266	2271	2276	rBV	2018011	2484178	28.73%	2.236%
100	15.927	2349	2353	2357	rBV	143847	205567	2.38%	0.185%

Sum of corrected areas: 111111754

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Acq On : 15 Oct 2019 04:57
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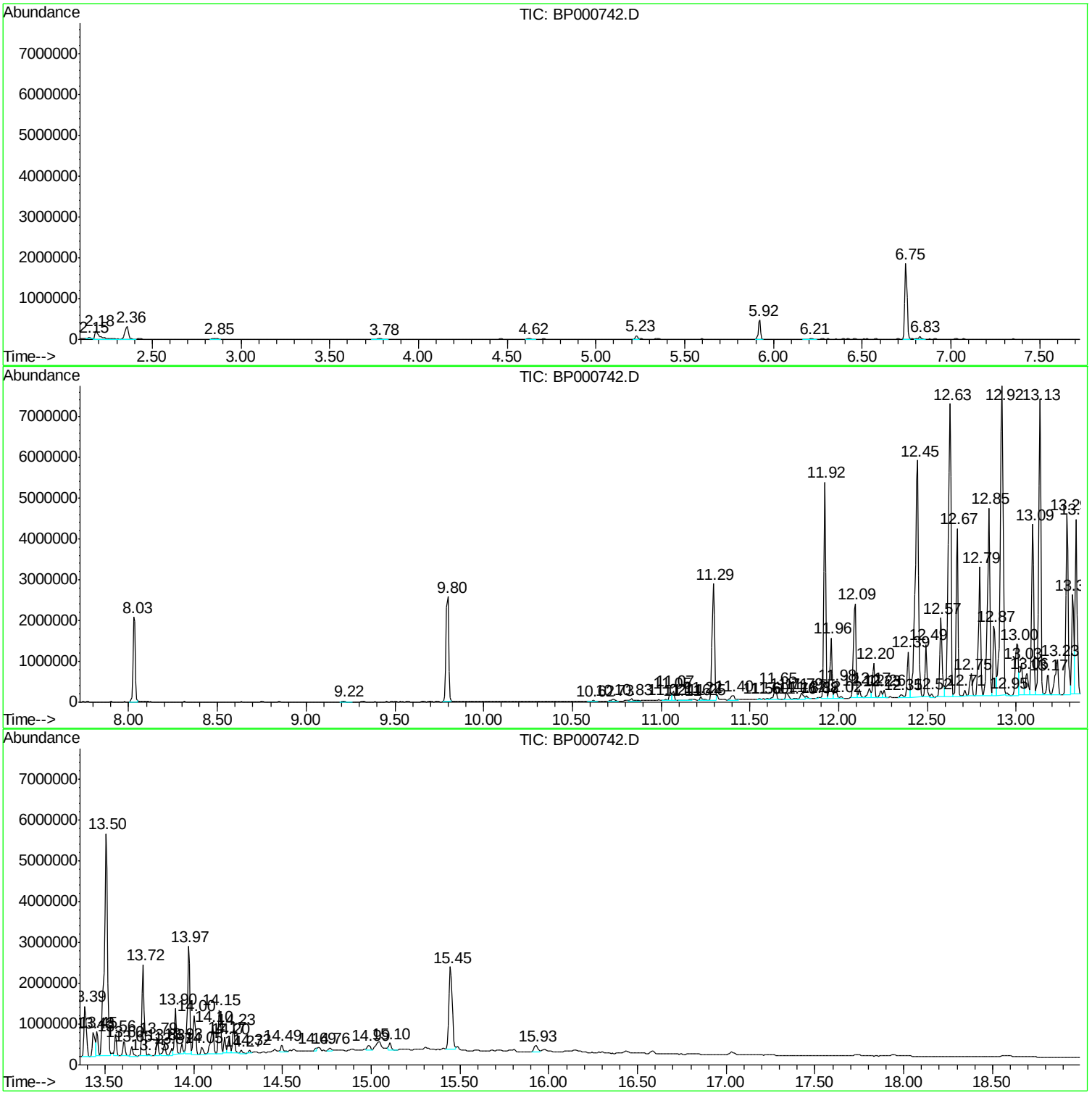
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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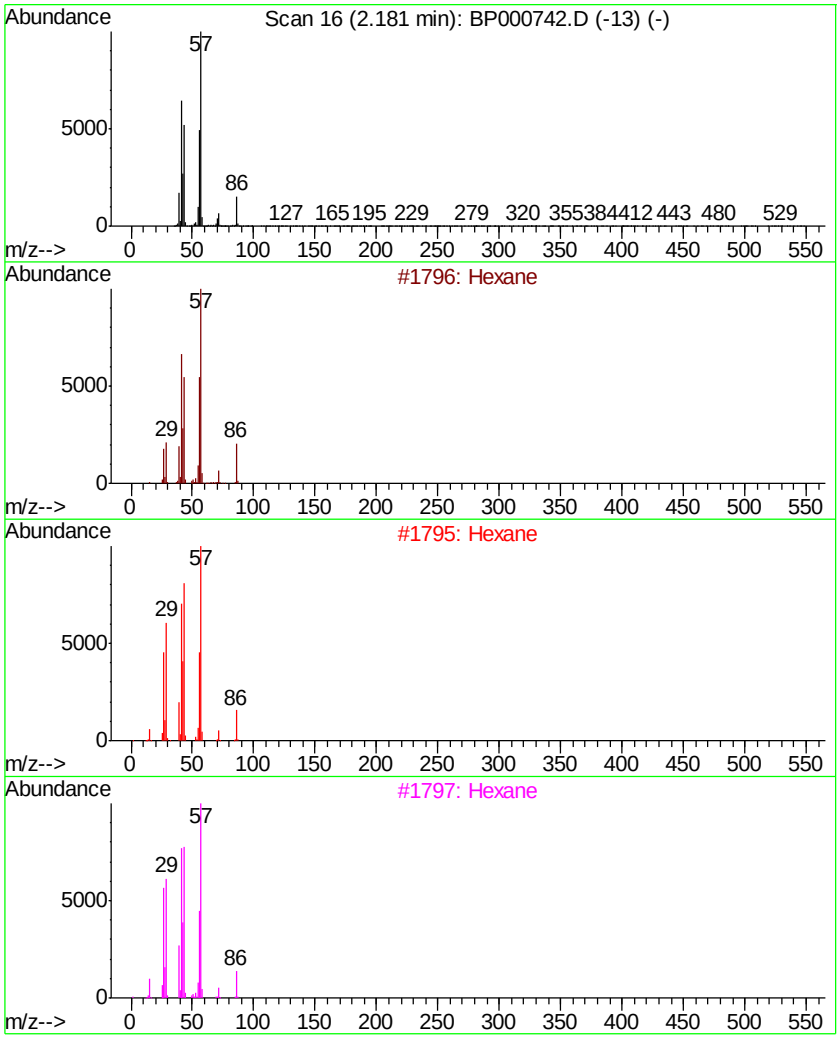
Quant Title : SVOA CALIBRATION

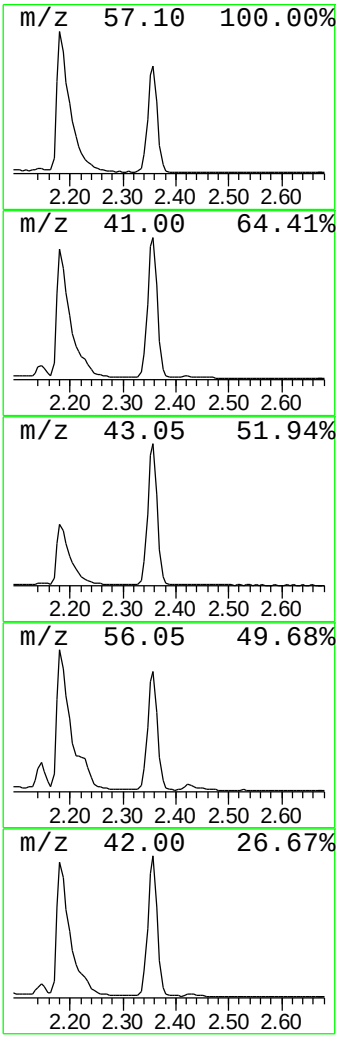
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	5.21 ng/ul	372025	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane	86	C6H14	000110-54-3	94
2	Hexane	86	C6H14	000110-54-3	74
3	Hexane	86	C6H14	000110-54-3	58
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
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Acq On : 15 Oct 2019 04:57
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

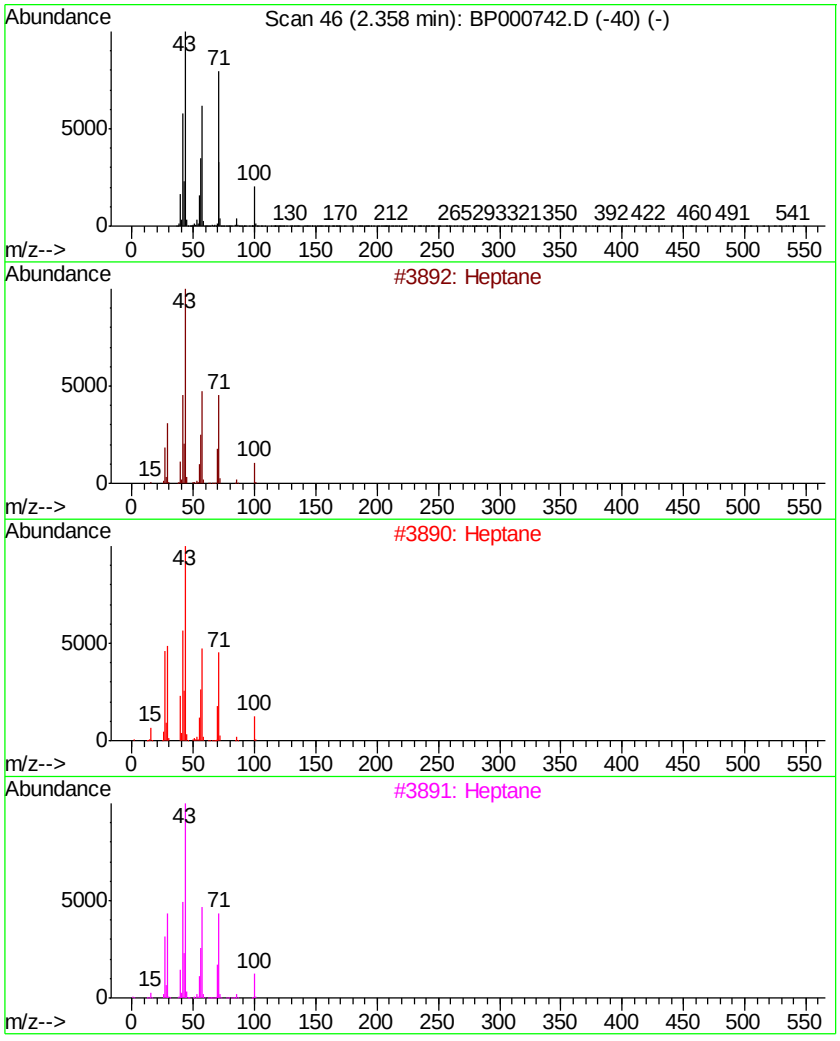
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

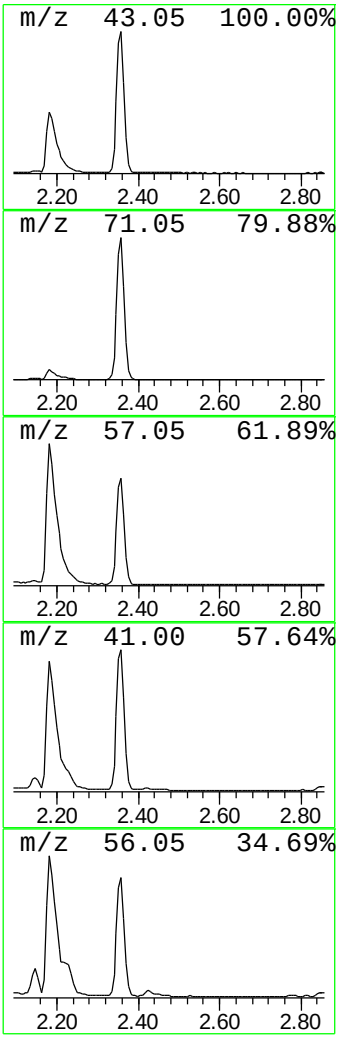
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.36	5.41 ng/ul	386331	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	95
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	91
5	3-Hexanone	100	C6H12O	000589-38-8	52





Library Search Compound Report

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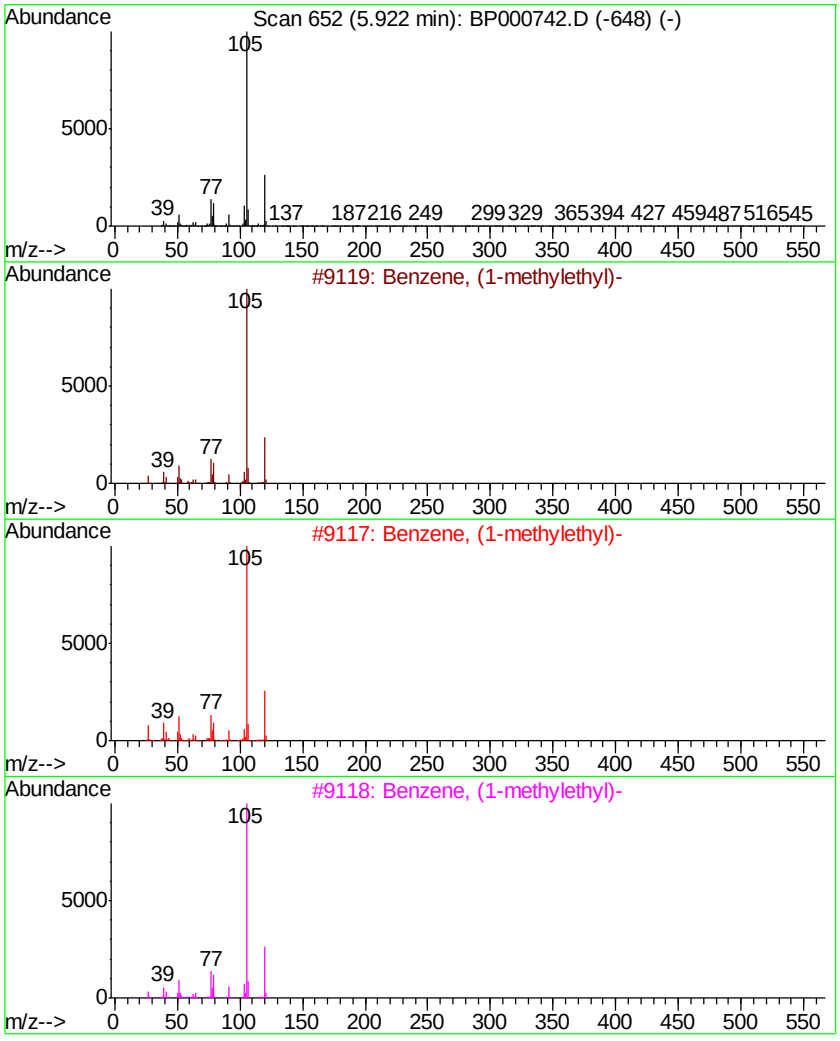
Quant Title : SVOA CALIBRATION

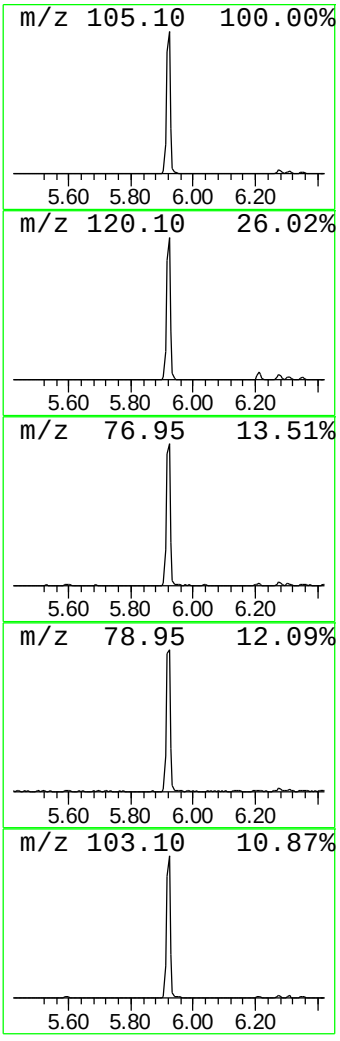
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	5.74 ng/ul	409885	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87





Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : C0AY1

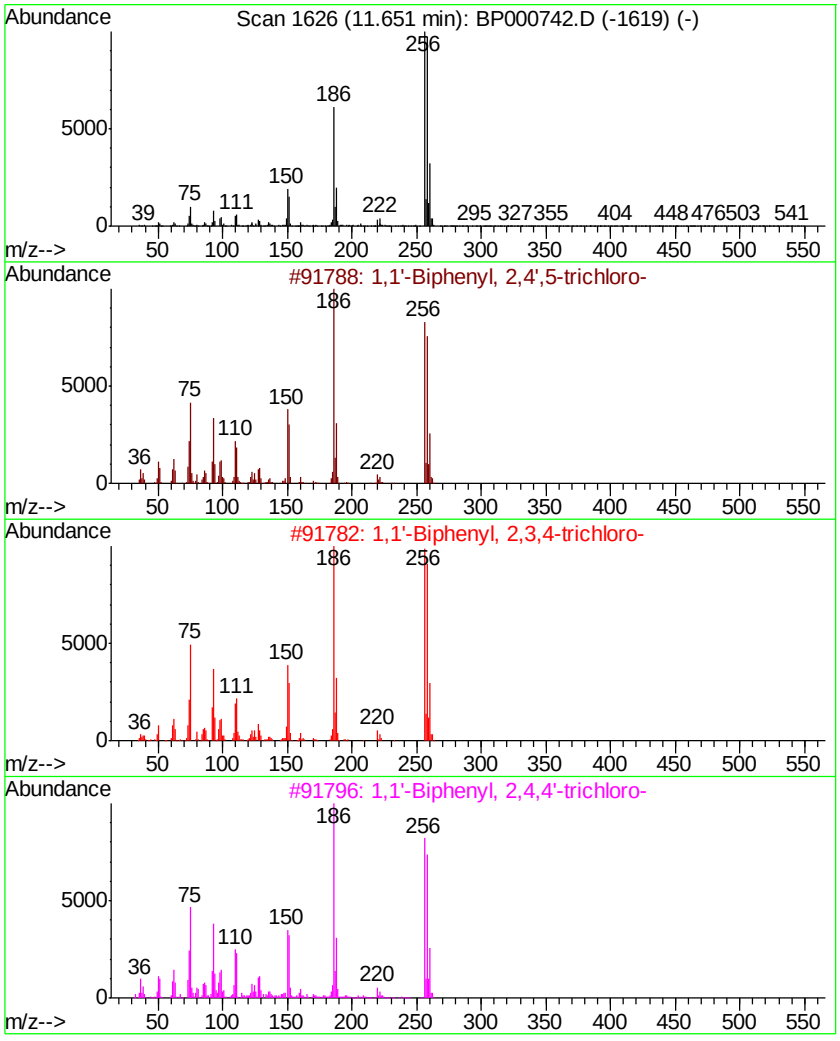
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

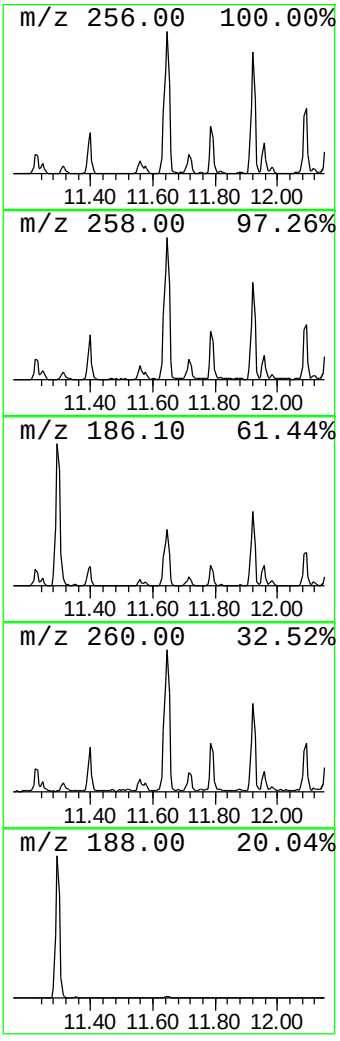
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.65 ng/ul	327261	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
2	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	99
5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000742.D
Acq On : 15 Oct 2019 04:57
Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

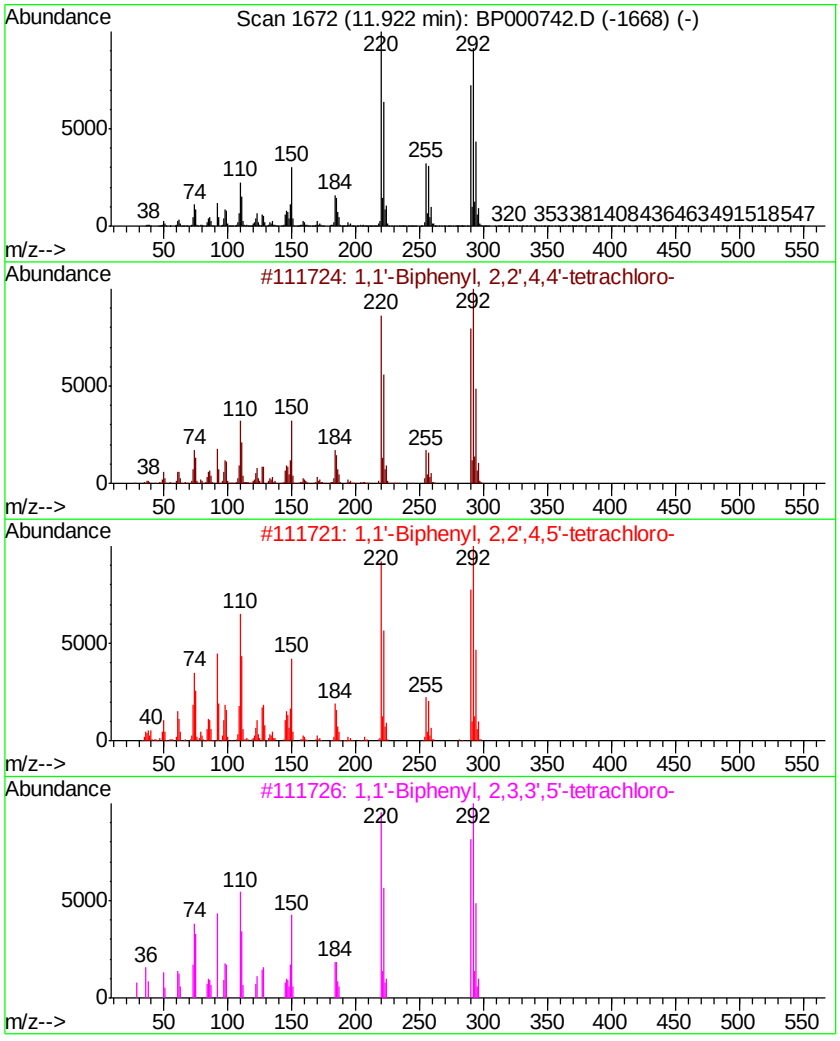
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

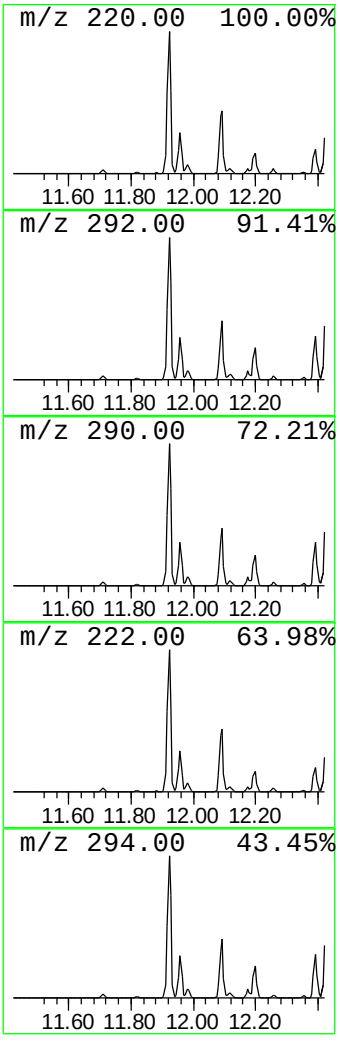
****

Peak Number 5 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	36.36 ng/ul	4482950	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





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Acq On : 15 Oct 2019 04:57
Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

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Quant Title : SVOA CALIBRATION

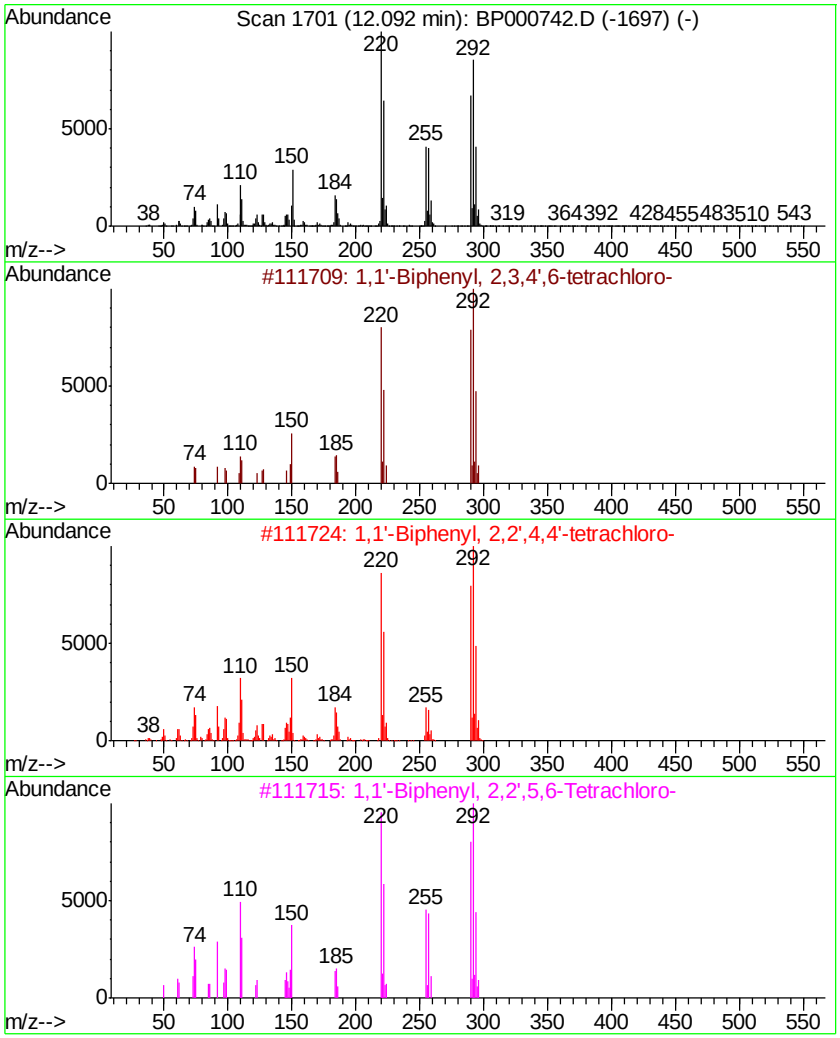
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

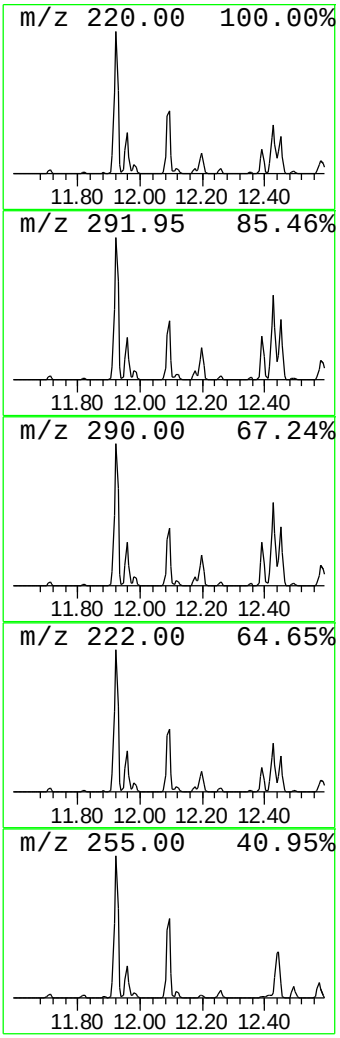
****

Peak Number 8 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	16.84 ng/ul	2075420	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99





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Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

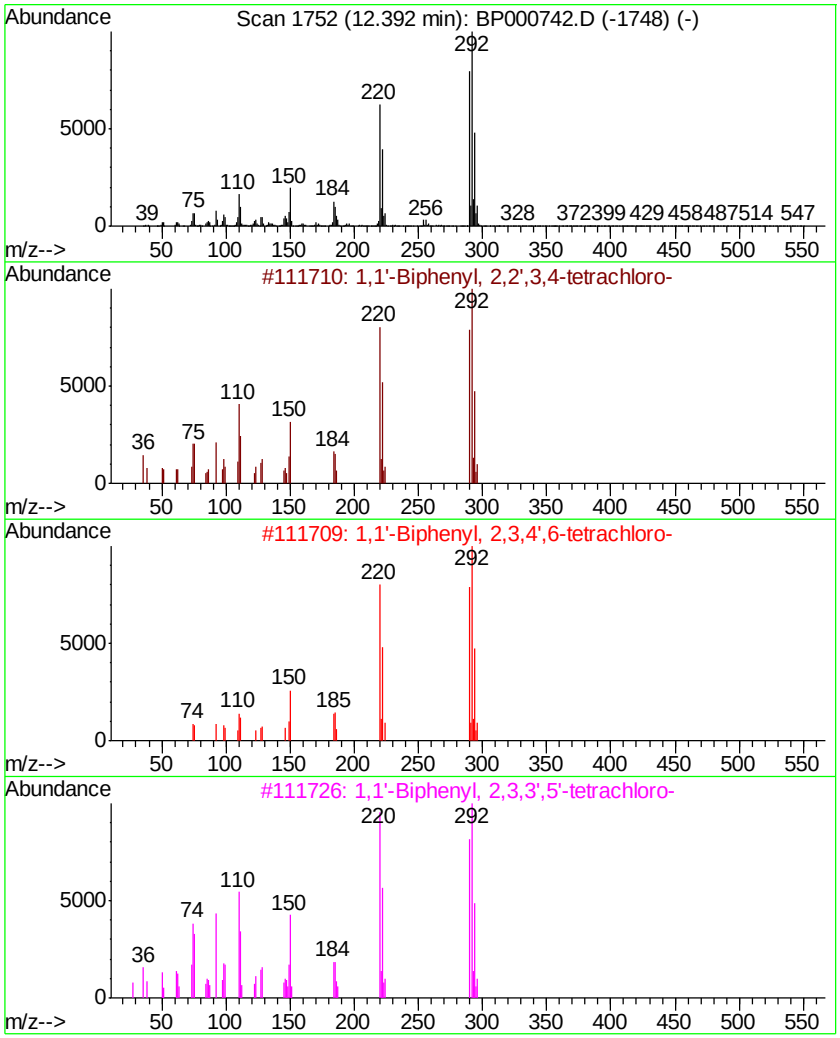
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

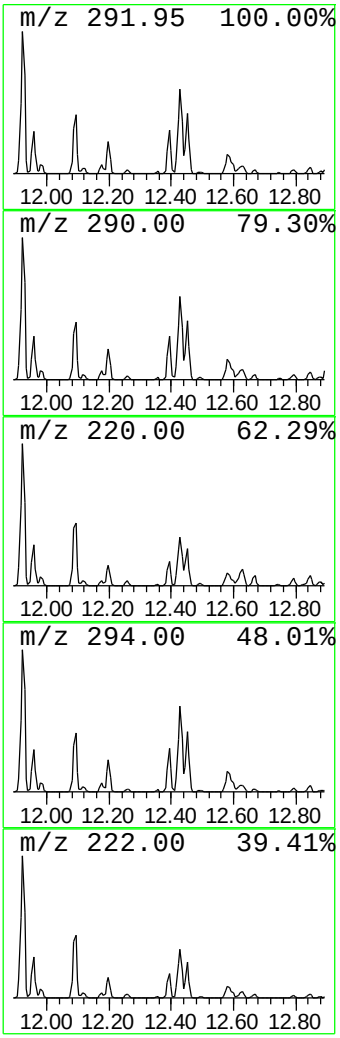
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	7.96 ng/ul	981837	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
2	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99





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Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

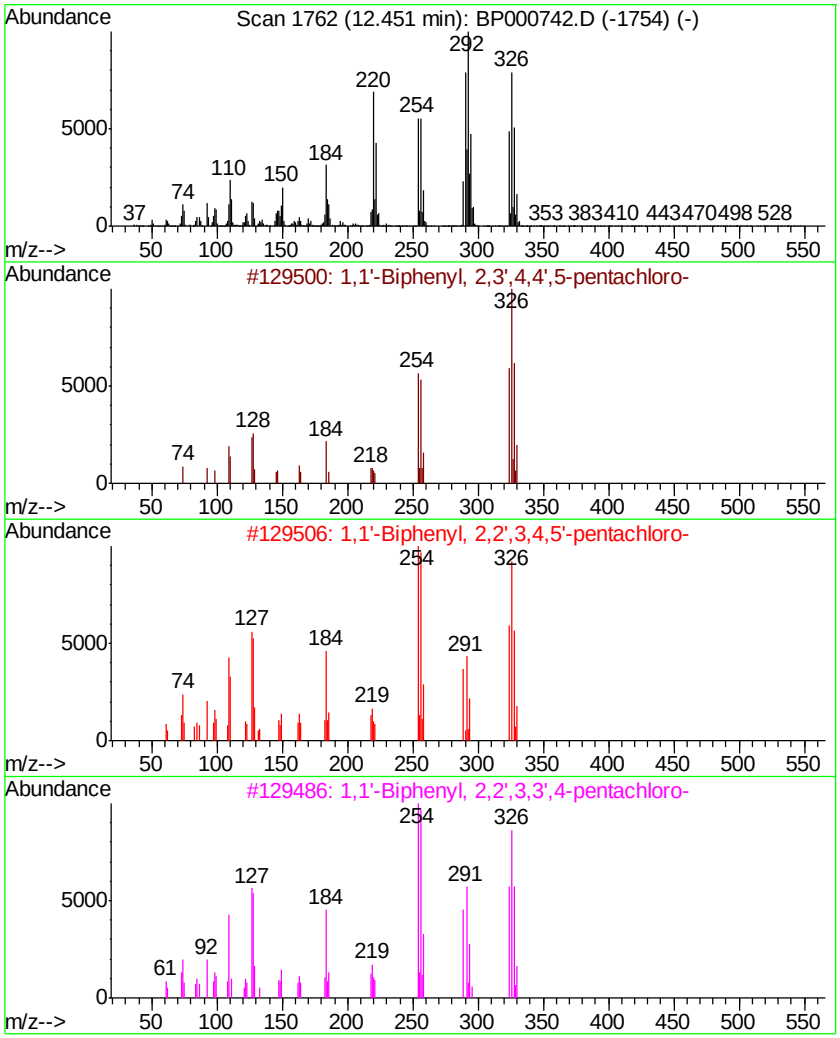
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

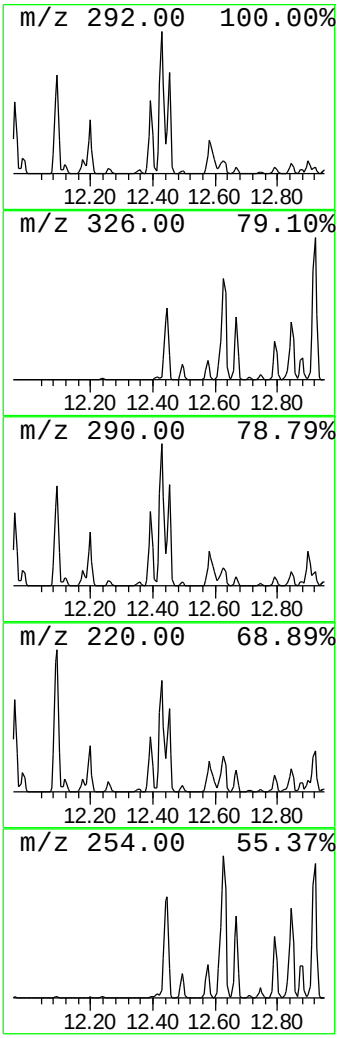
****

Peak Number 11 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	66.62 ng/ul	8212680	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
3	1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	99
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000742.D
Acq On : 15 Oct 2019 04:57
Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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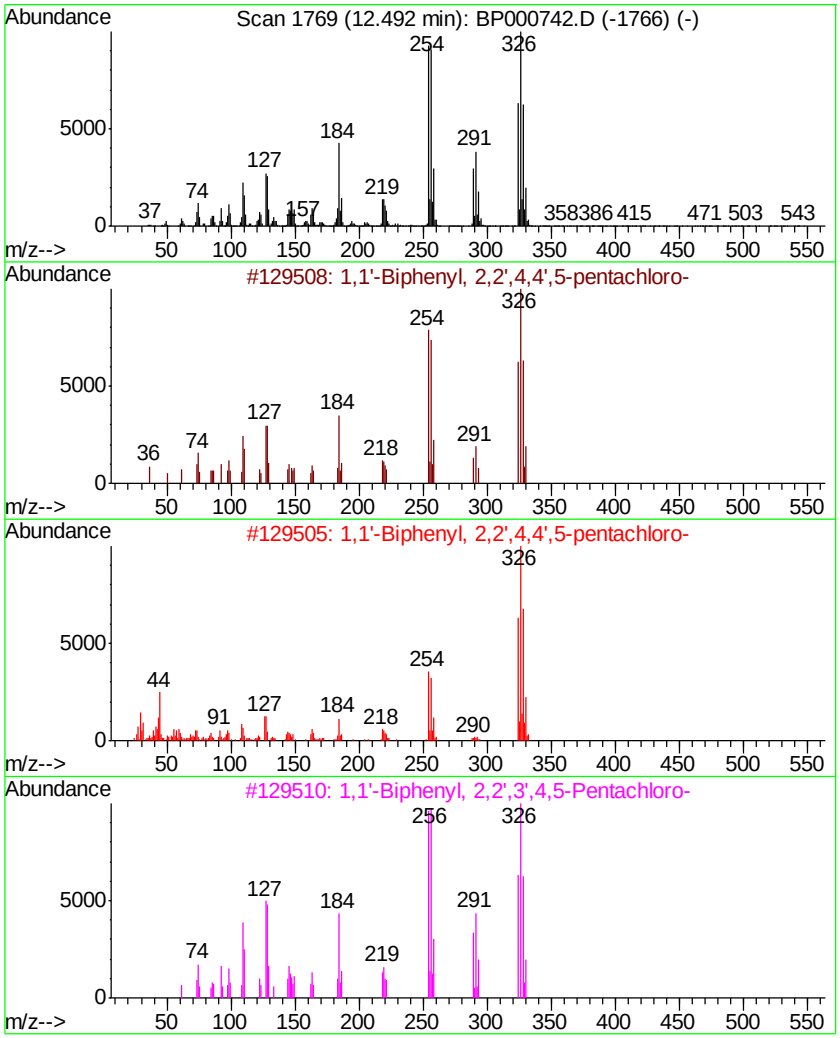
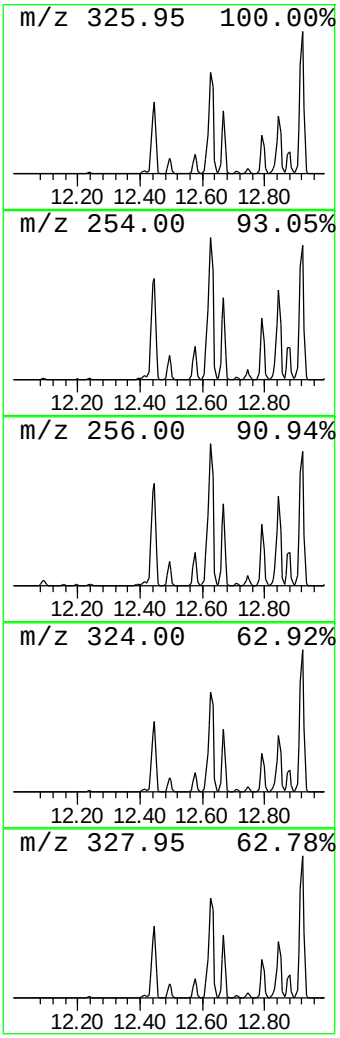
Peak Number 12 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	8.05 ng/ul	992167	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
5	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99





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Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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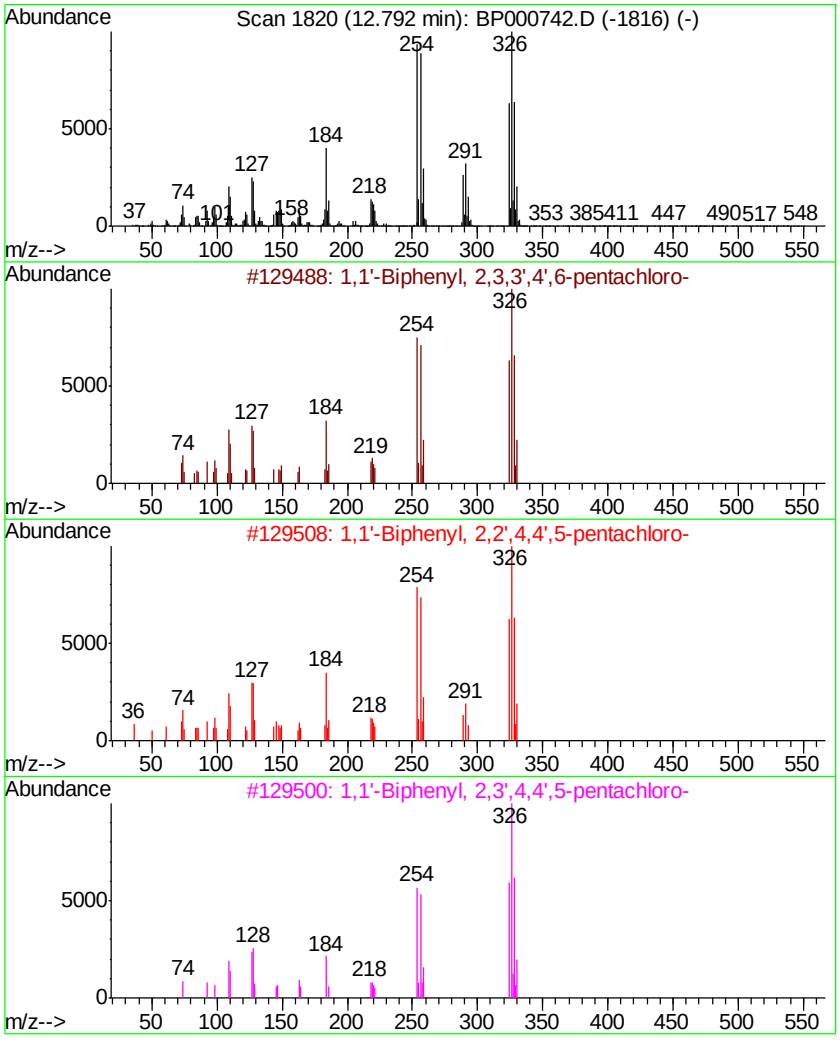
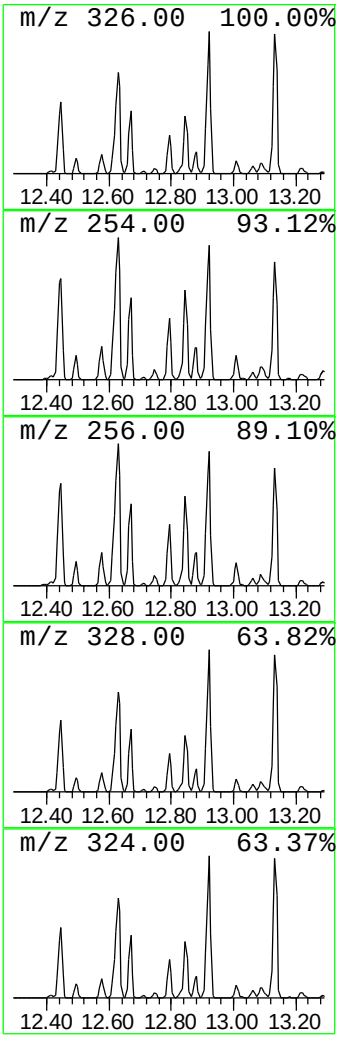
Peak Number 17 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	21.94 ng/ul	2644230	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99





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Acq On : 15 Oct 2019 04:57
Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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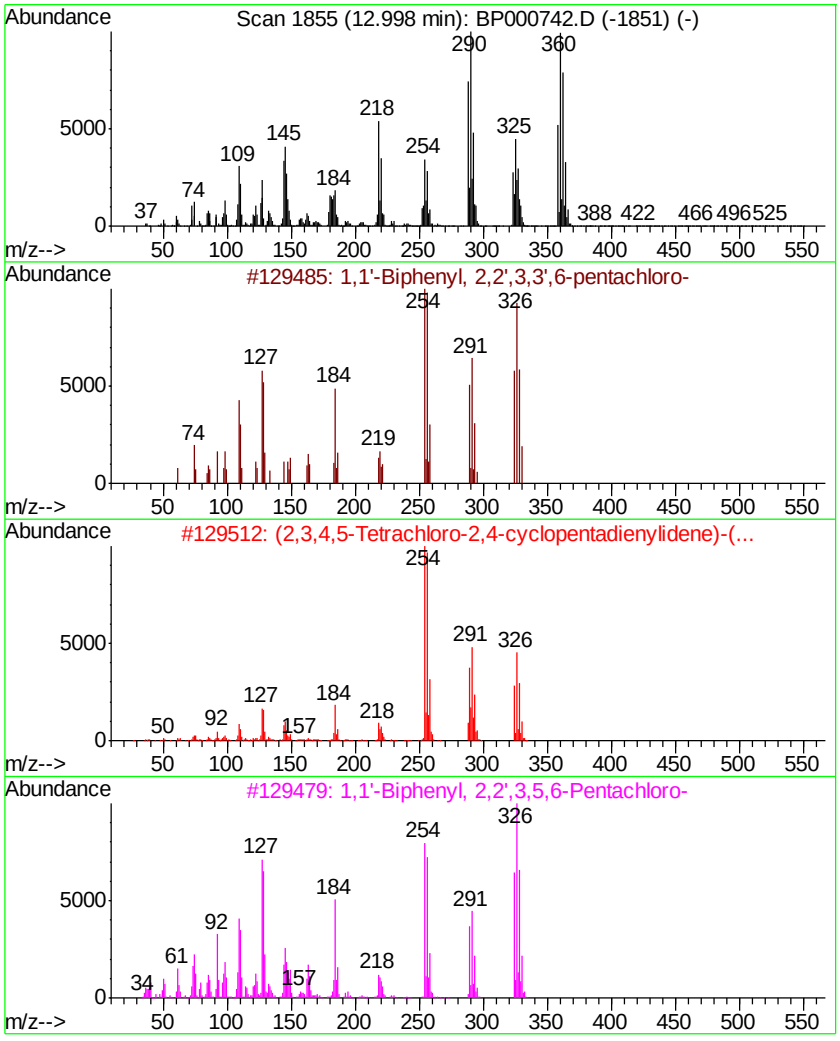
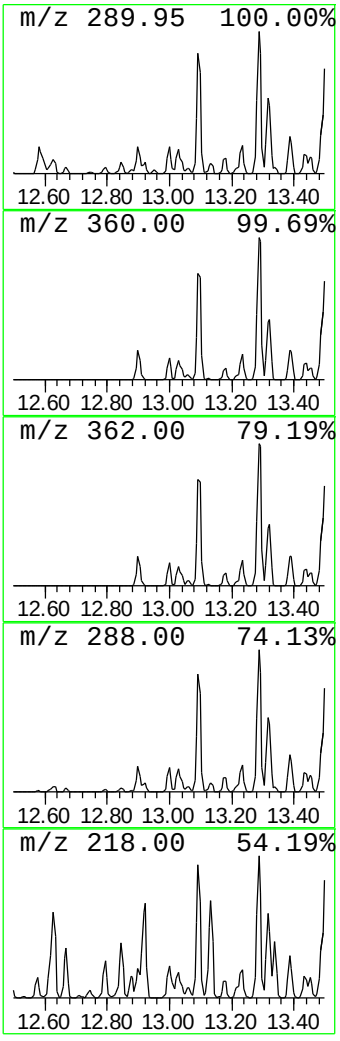
Peak Number 21 1,1'-Biphenyl, 2,2',3,3',6-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	13.94 ng/ul	1680470	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
2	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	99
3	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	99
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
5	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99





Library Search Compound Report

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Data File : BP000742.D
Acq On : 15 Oct 2019 04:57
Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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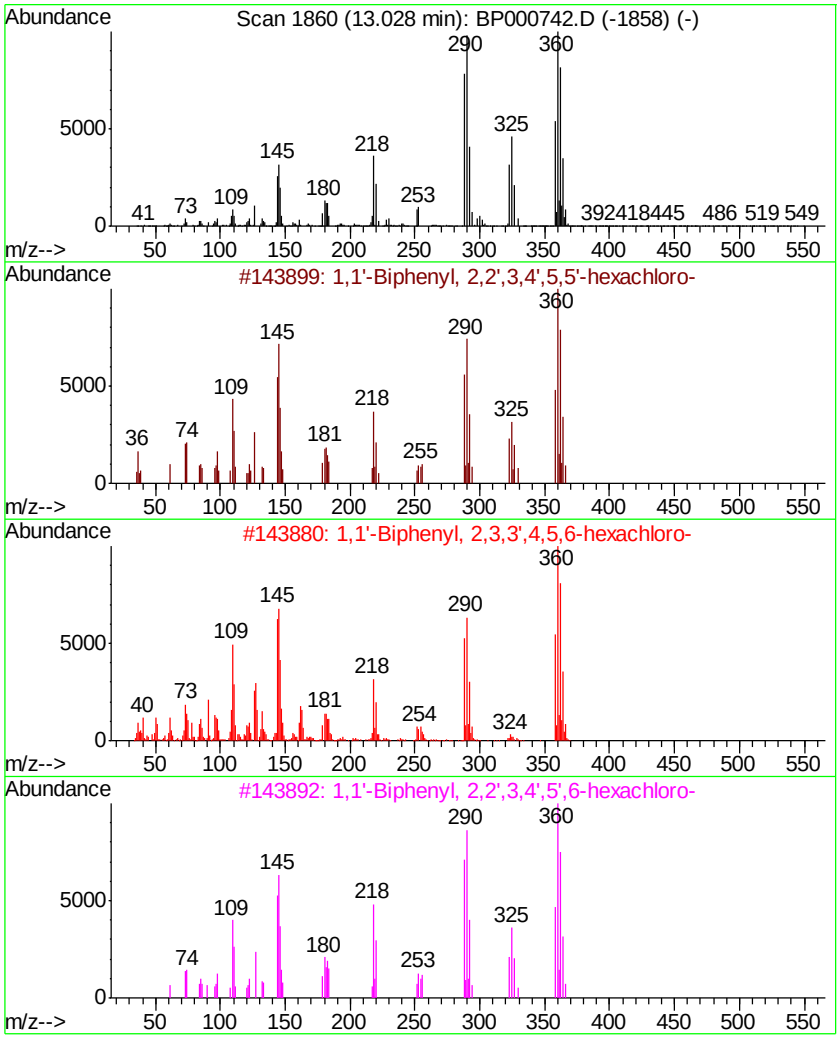
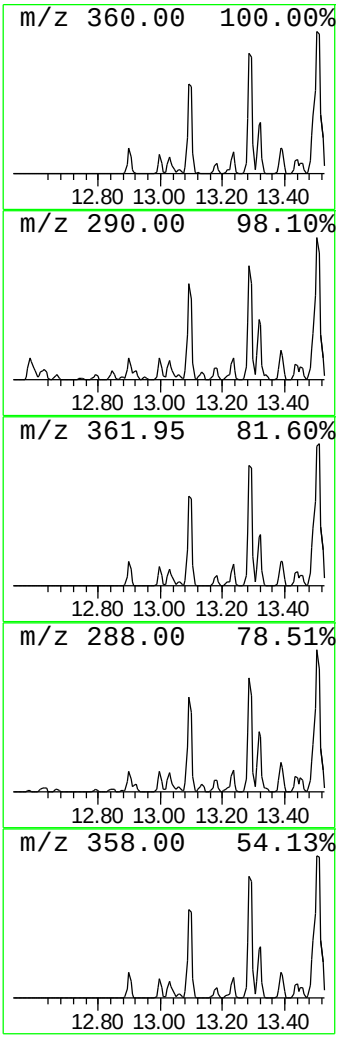
Peak Number 22 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	6.85 ng/ul	825036	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
2	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99





Library Search Compound Report

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Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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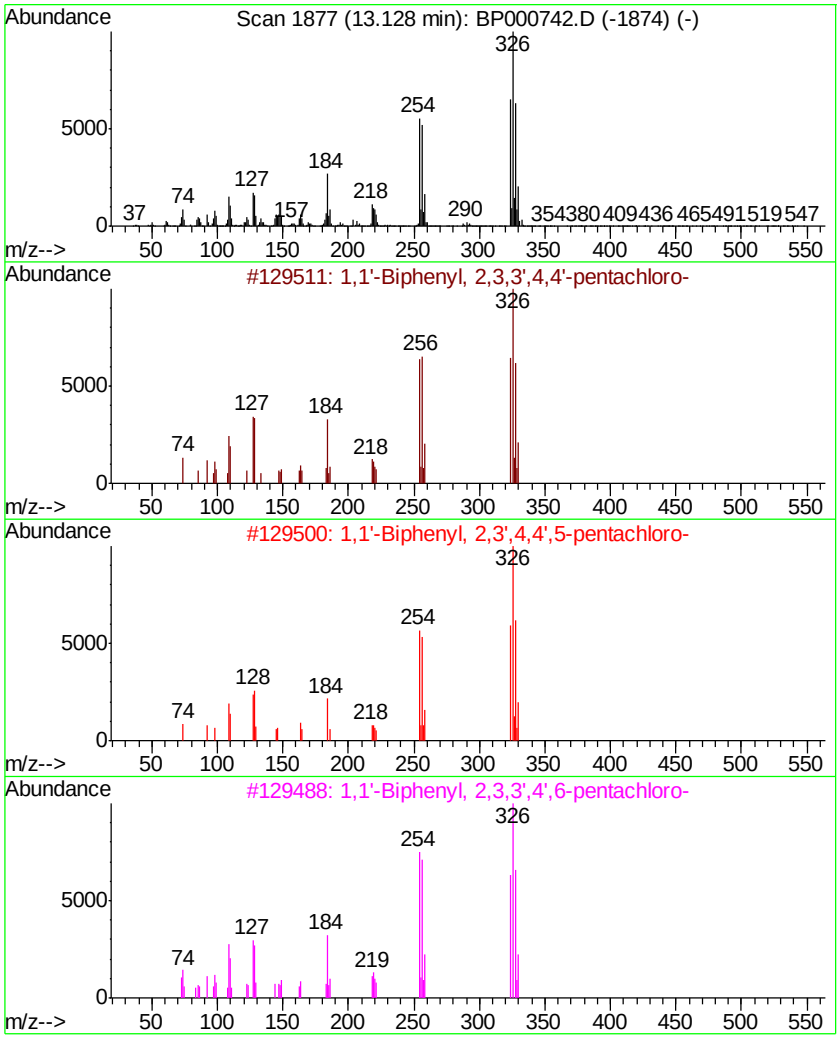
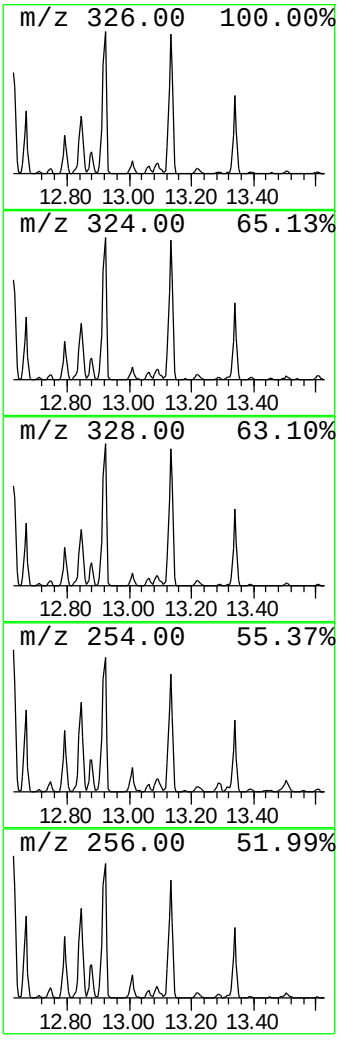
Peak Number 25 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	57.01 ng/ul	6870700	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99





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Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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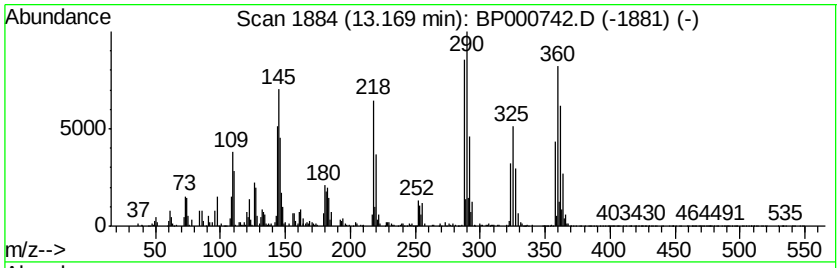
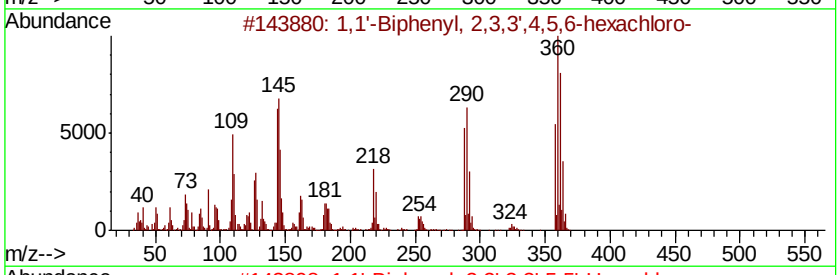
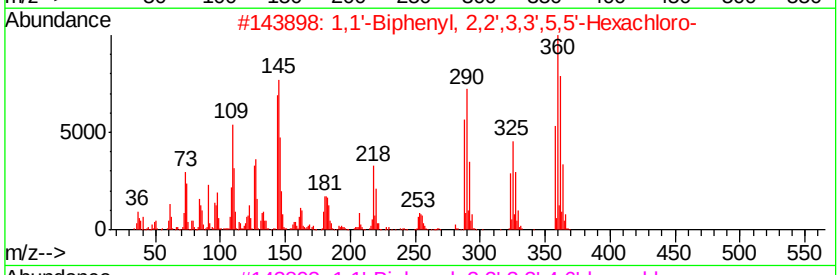
Peak Number 26 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 36

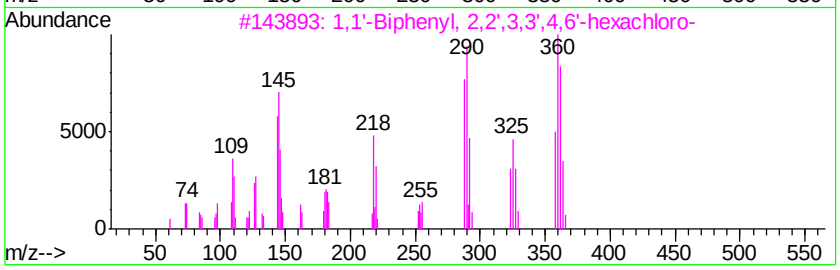
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.65 ng/ul	440137	Chrysene-d12	13.97

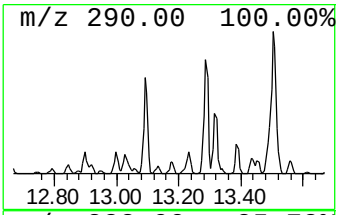
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
2	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
3	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	99
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
5	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99

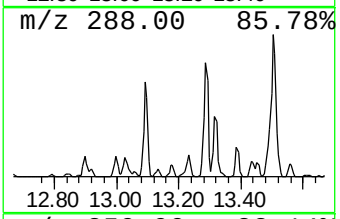


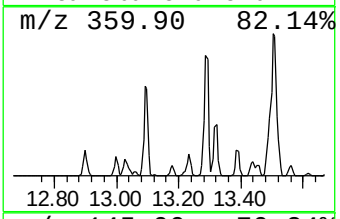


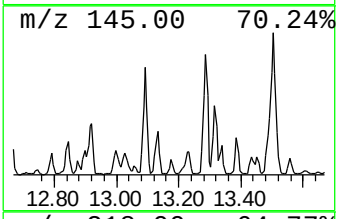


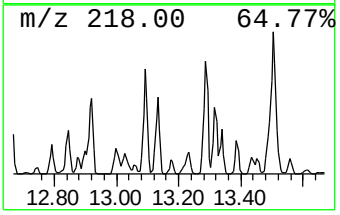












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Data File : BP000742.D
Acq On : 15 Oct 2019 04:57
Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

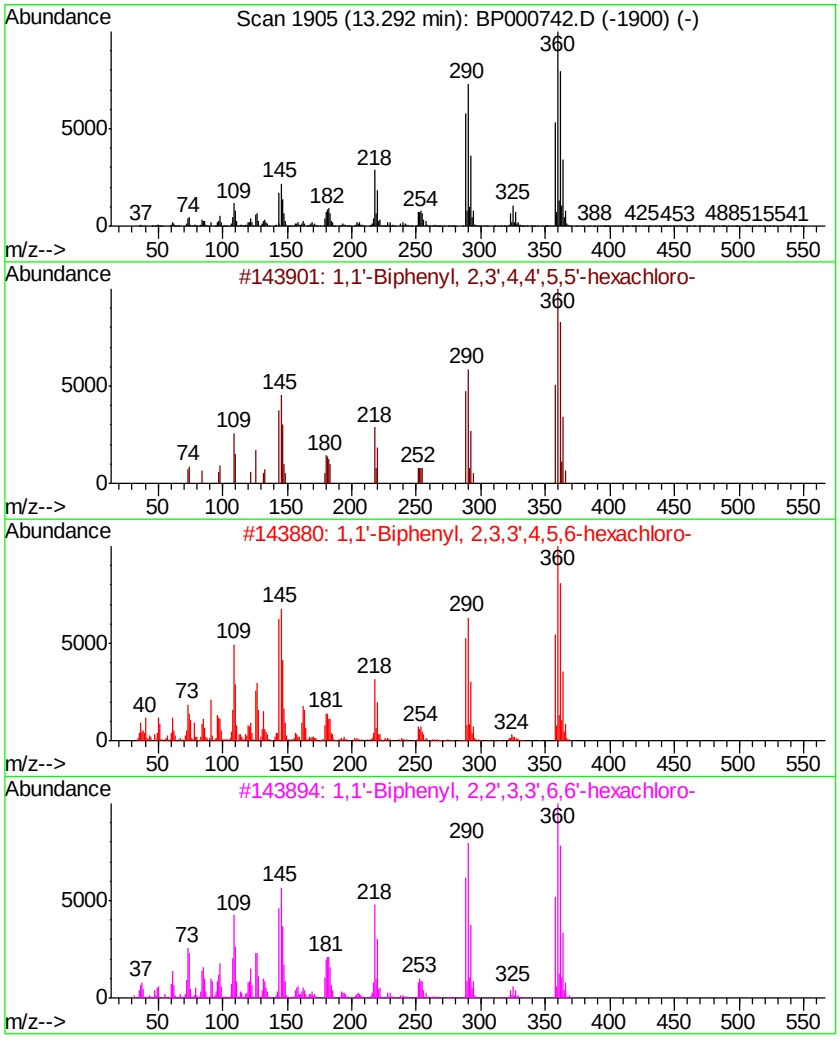
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

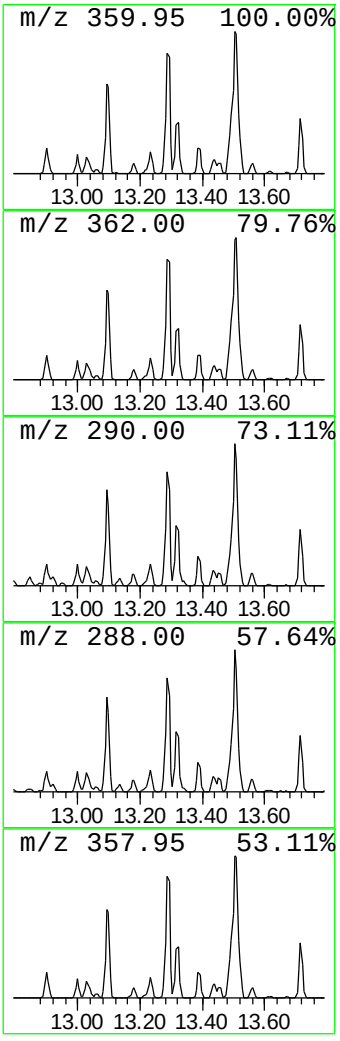
****

Peak Number 28 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	35.02 ng/ul	4221000	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99





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Data File : BP000742.D
Acq On : 15 Oct 2019 04:57
Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

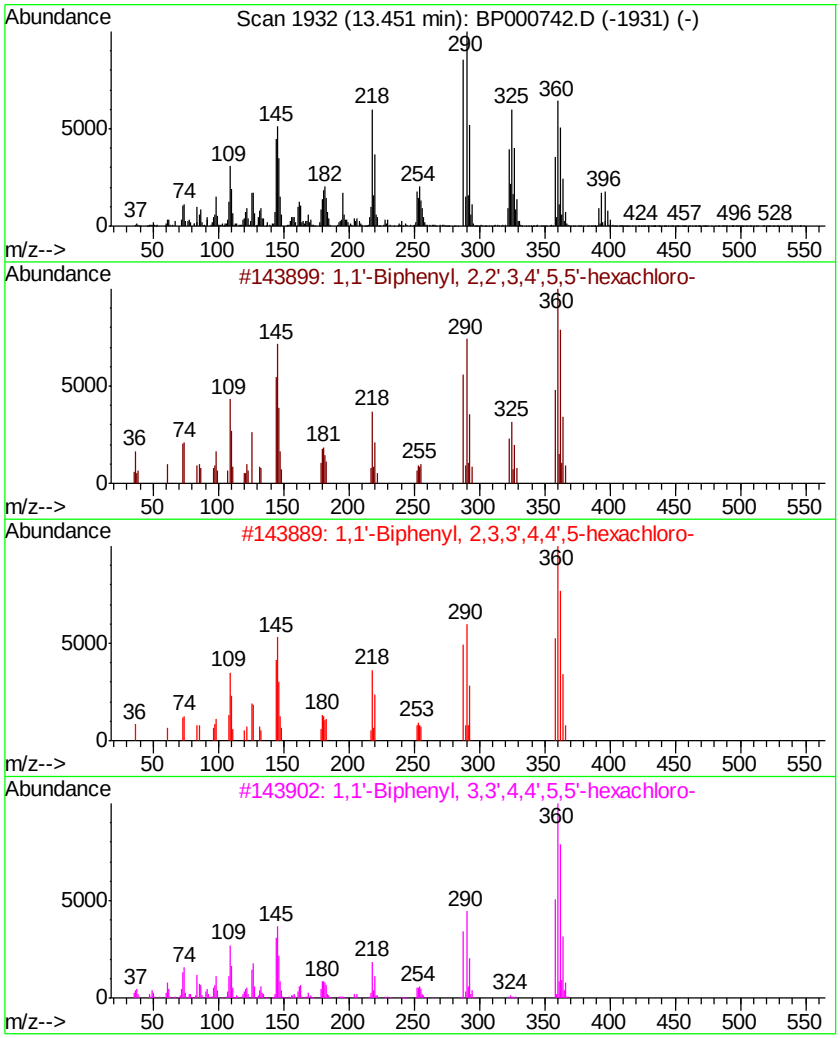
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

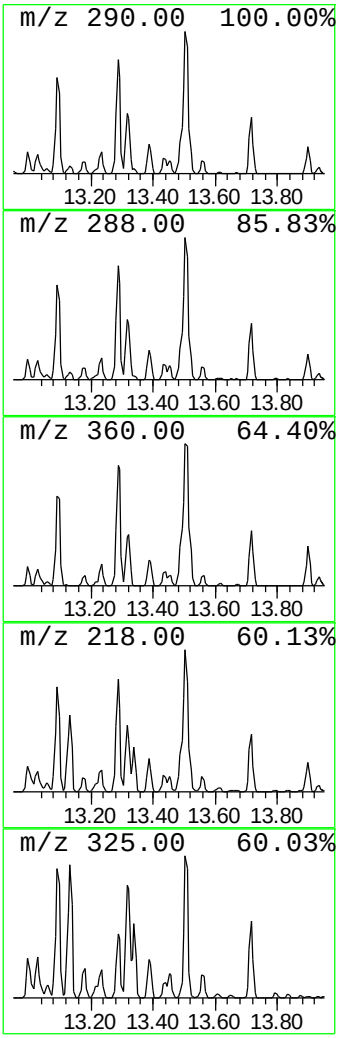
****

Peak Number 33 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	3.50 ng/ul	421682	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
2	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99





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Data File : BP000742.D
Acq On : 15 Oct 2019 04:57
Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

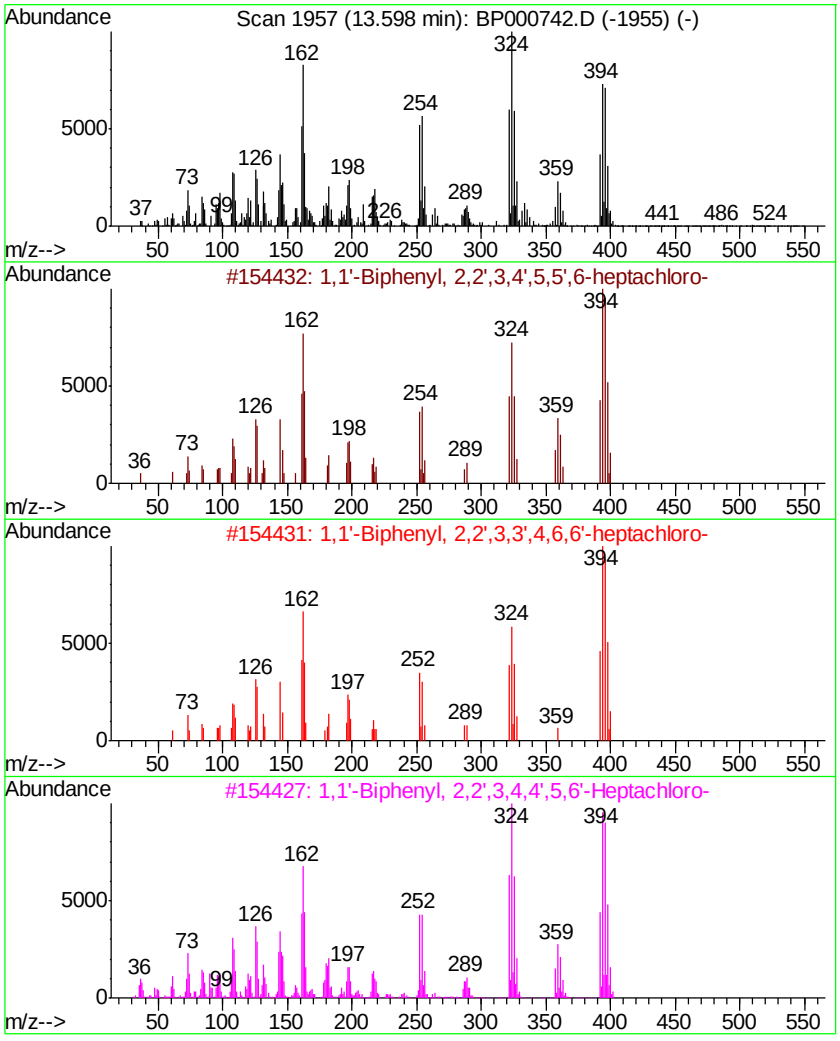
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

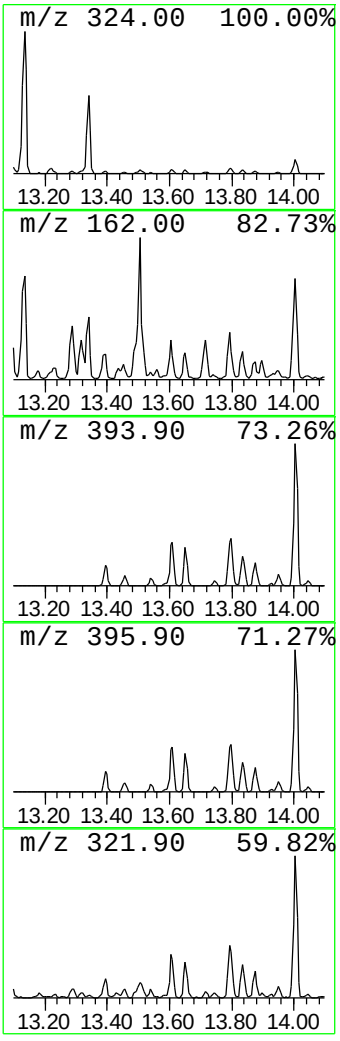
****

Peak Number 36 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	2.86 ng/ul	344423	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
2	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99





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Data File : BP000742.D
Acq On : 15 Oct 2019 04:57
Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

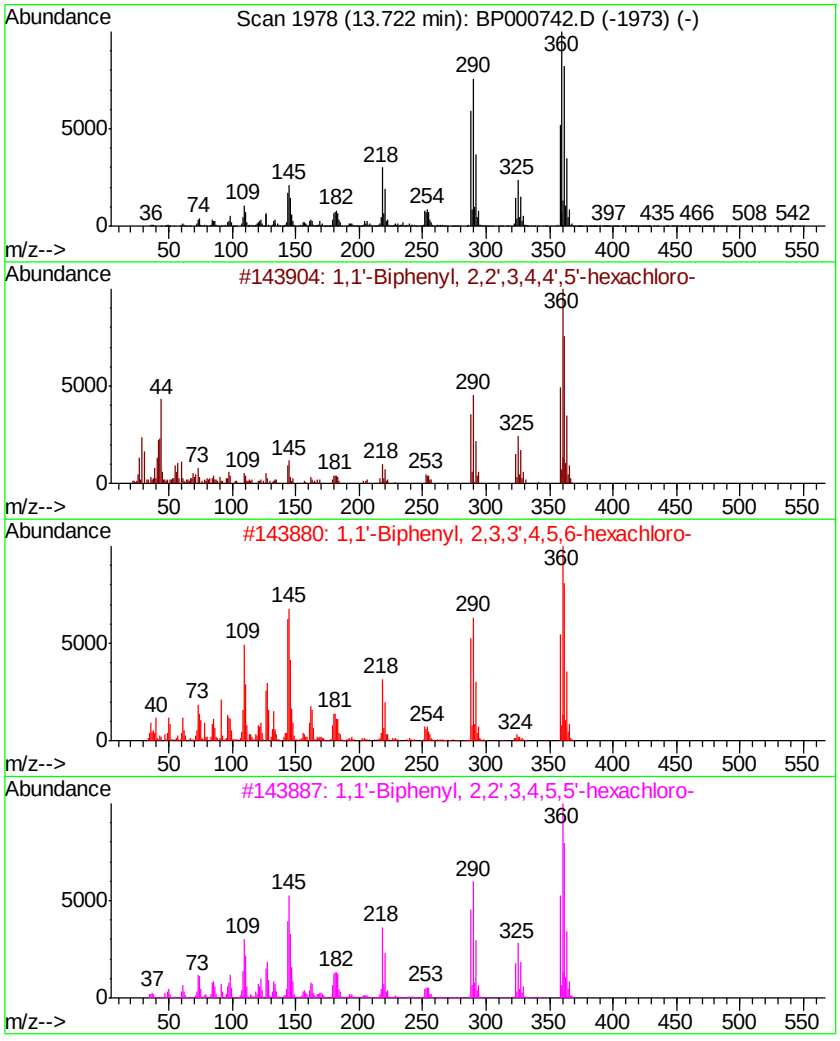
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

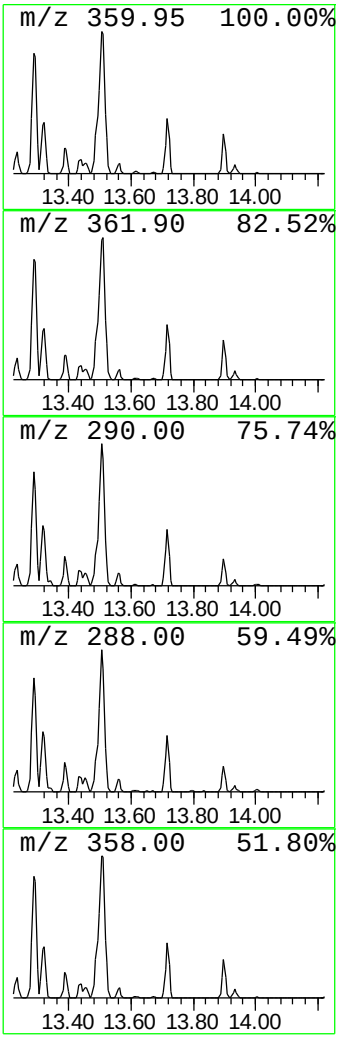
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	16.04 ng/ul	1933670	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
2	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
5	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99





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Acq On : 15 Oct 2019 04:57
Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

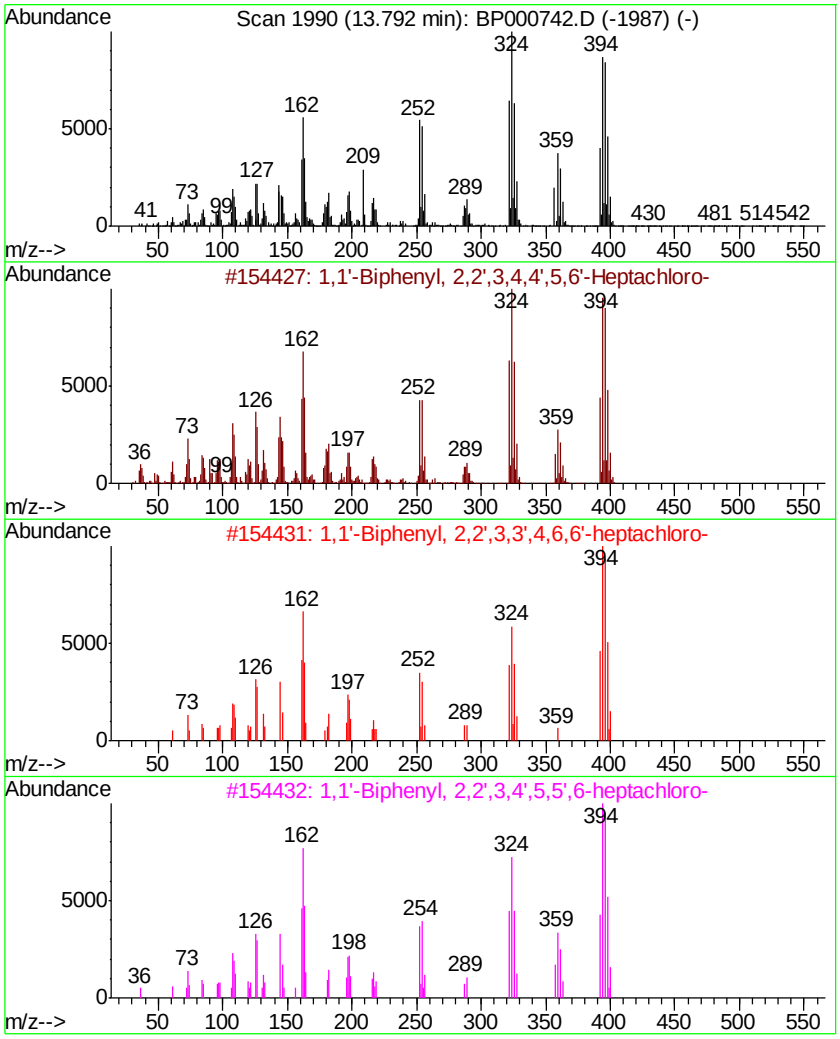
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

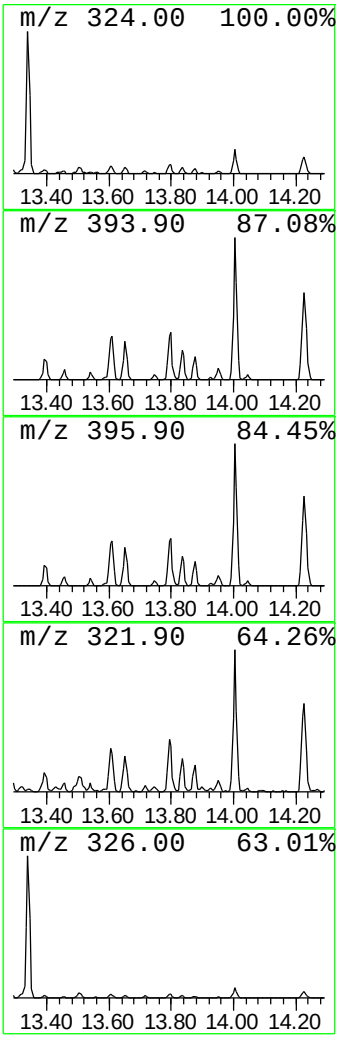
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	3.09 ng/ul	372151	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
2	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99
3	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
5	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99





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Acq On : 15 Oct 2019 04:57
Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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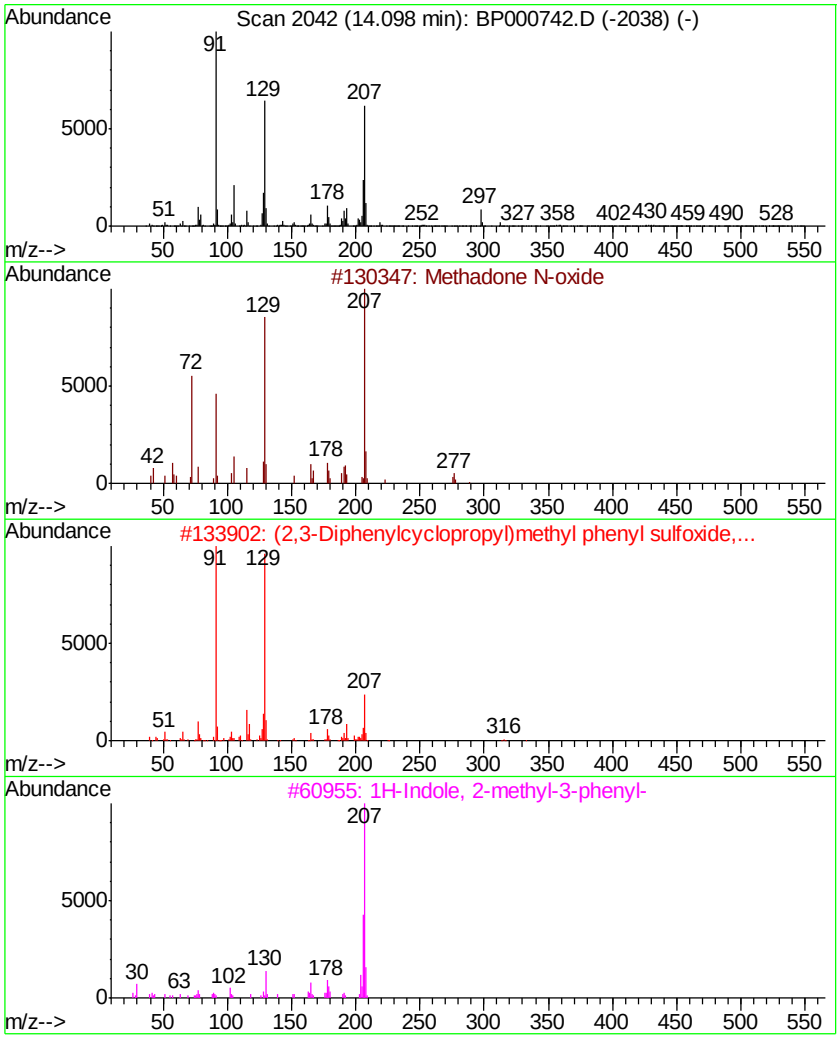
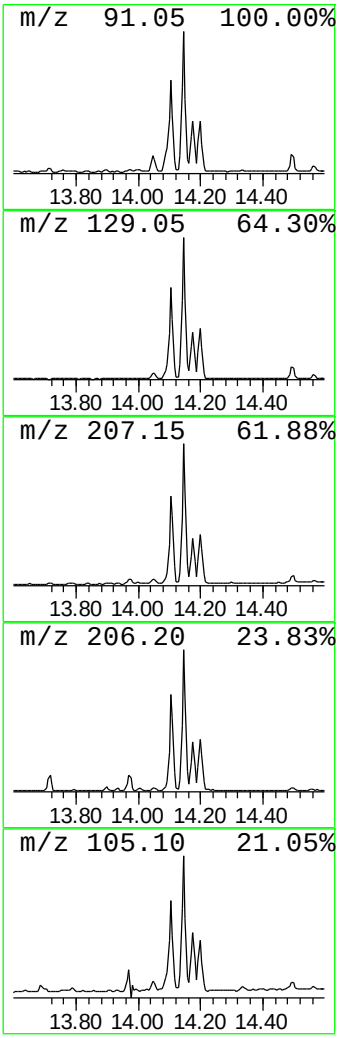
Peak Number 41 Methadone N-oxide Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	6.19 ng/ul	746033	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methadone N-oxide	325	C21H27NO2	1000120-80-7	64
2	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	53
3	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	38
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38
5	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	38





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Acq On : 15 Oct 2019 04:57
Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

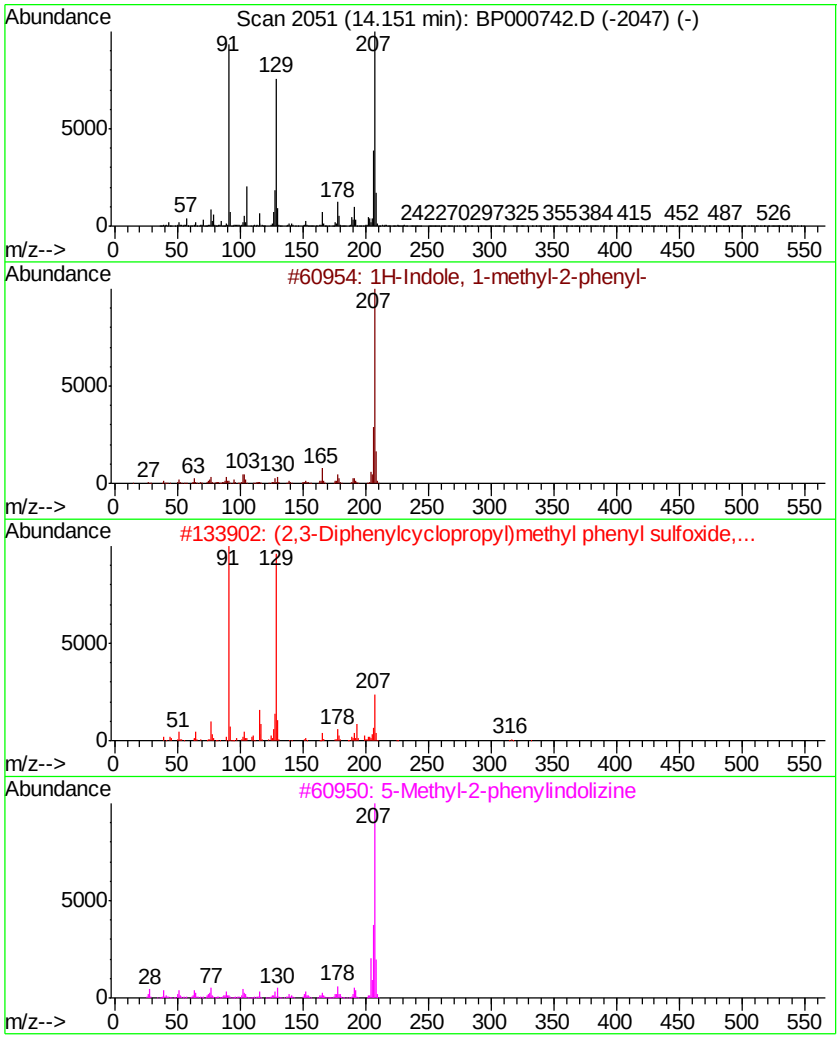
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

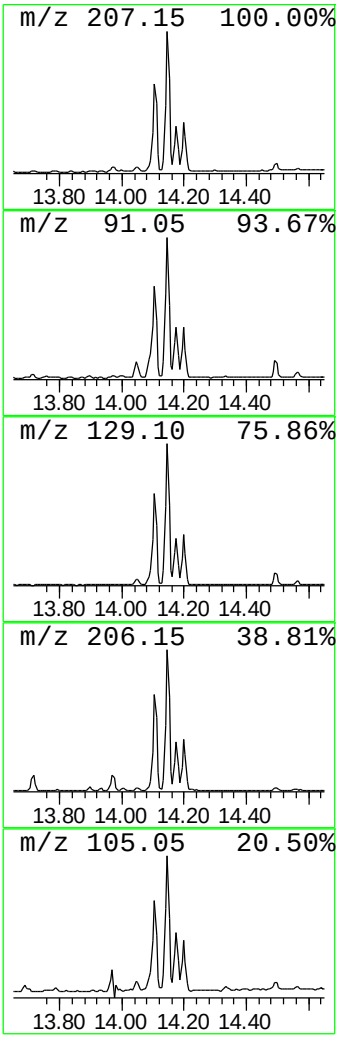
****

Peak Number 42 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	7.25 ng/ul	874200	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	42
2	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	38
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	32
4	3-Methyl-2-phenylindole	207	C15H13N	010257-92-8	30
5	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	27





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Data File : BP000742.D
Acq On : 15 Oct 2019 04:57
Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

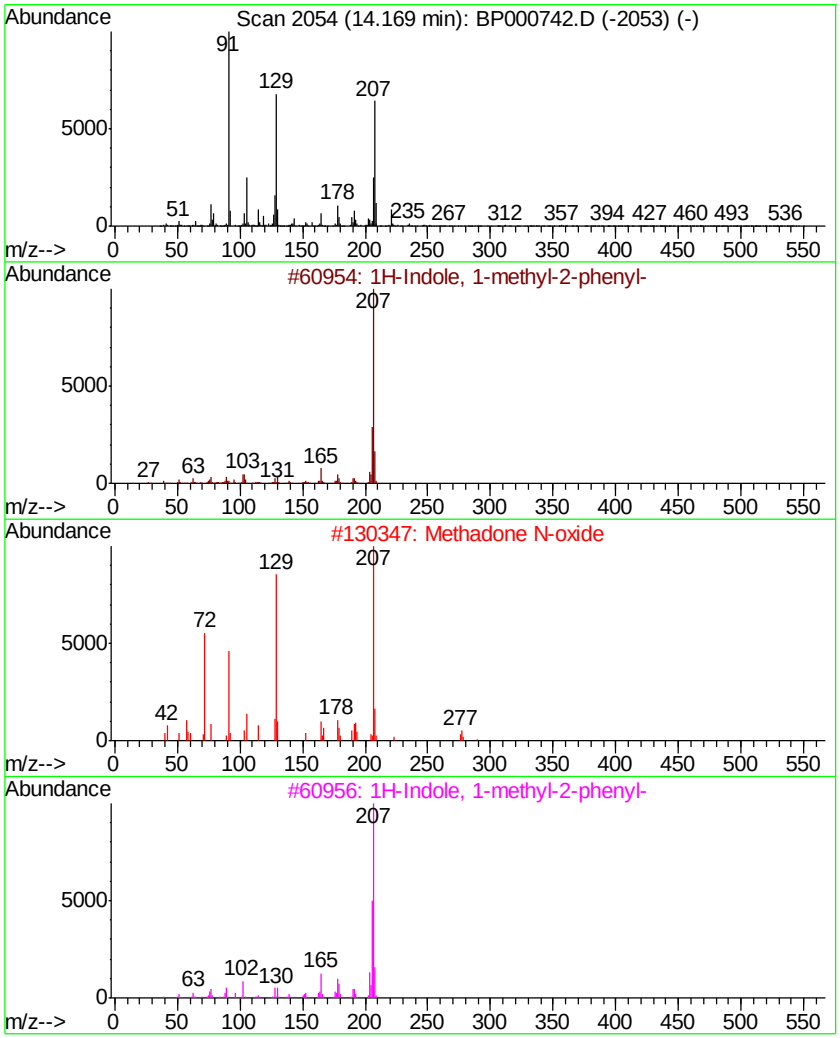
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

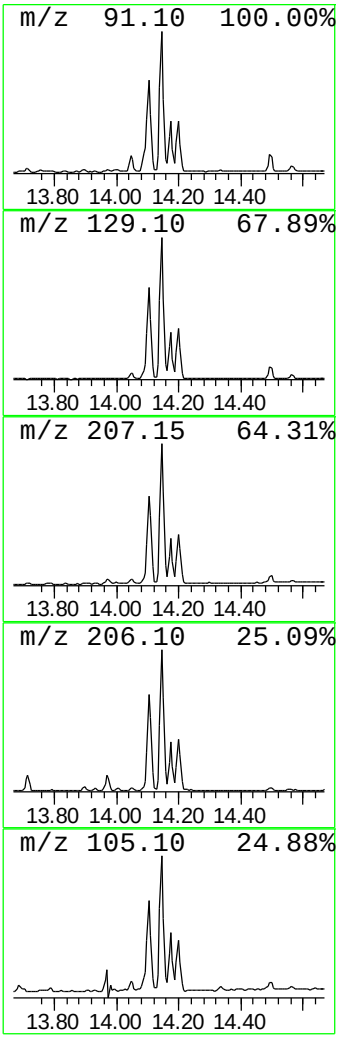
****

Peak Number 43 1H-Indole, 1-methyl-2-phenyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.63 ng/ul	317466	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	55
2	Methadone N-oxide	325	C21H27NO2	1000120-80-7	53
3	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	49
4	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	49
5	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000742.D
Acq On : 15 Oct 2019 04:57
Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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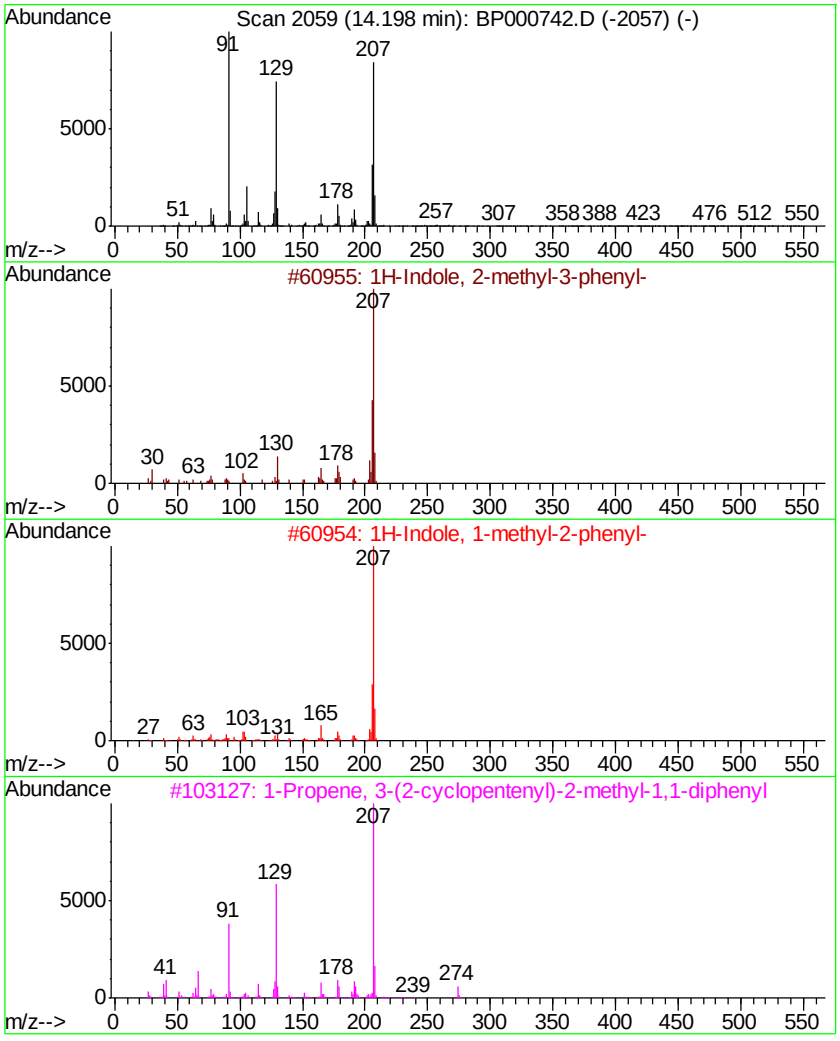
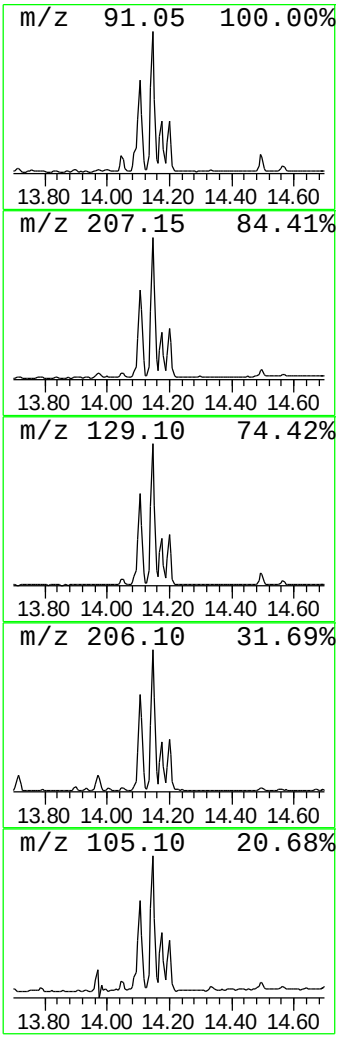
Peak Number 44 1H-Indole, 2-methyl-3-phenyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	2.35 ng/ul	283760	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	50
2	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	46
3	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	40
4	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	38
5	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000742.D
Acq On : 15 Oct 2019 04:57
Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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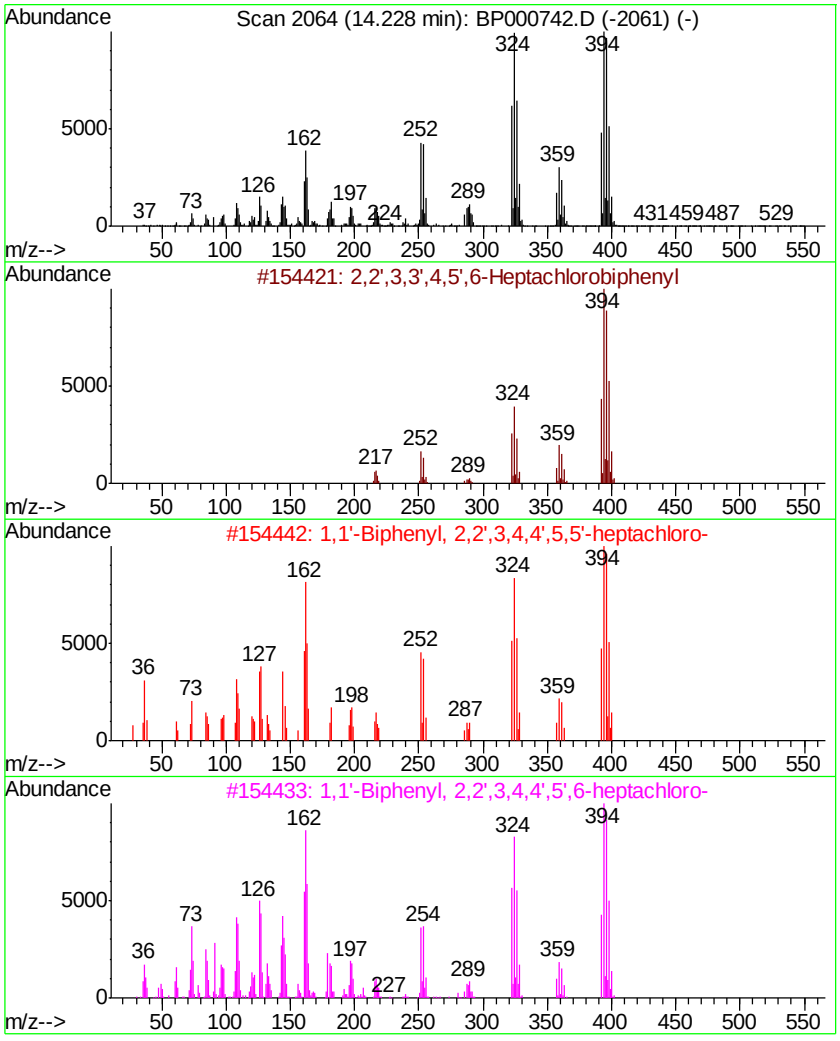
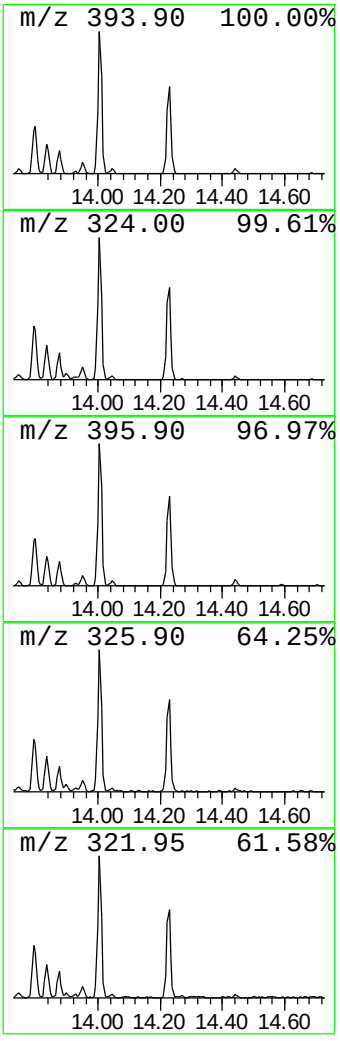
Peak Number 45 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	4.73 ng/ul	570169	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
3	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99
5	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99





Tentatively Identified Compound (LSC) summary

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Data File : BP000742.D
Acq On : 15 Oct 2019 04:57
Operator : JU
Sample : K5296-04
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	2.18	5.2	ng/ul	372025	1	6.75	1426960	20.0
(DEL) Alkane: Str...	2.36	5.4	ng/ul	386331	1	6.75	1426960	20.0
Benzene, (1-methy...	5.92	5.7	ng/ul	409885	1	6.75	1426960	20.0
1,1'-Biphenyl, 2,...	11.65	2.6	ng/ul	327261	4	11.29	2465550	20.0
1,1'-Biphenyl, 2,...	11.92	36.4	ng/ul	4482950	4	11.29	2465550	20.0
1,1'-Biphenyl, 2,...	12.09	16.8	ng/ul	2075420	4	11.29	2465550	20.0
1,1'-Biphenyl, 2,...	12.39	8.0	ng/ul	981837	4	11.29	2465550	20.0
1,1'-Biphenyl, 2,...	12.45	66.6	ng/ul	8212680	4	11.29	2465550	20.0
1,1'-Biphenyl, 2,...	12.49	8.1	ng/ul	992167	4	11.29	2465550	20.0
1,1'-Biphenyl, 2,...	12.79	21.9	ng/ul	2644230	5	13.97	2410400	20.0
1,1'-Biphenyl, 2,...	13.00	13.9	ng/ul	1680470	5	13.97	2410400	20.0
1,1'-Biphenyl, 2,...	13.03	6.8	ng/ul	825036	5	13.97	2410400	20.0
1,1'-Biphenyl, 2,...	13.13	57.0	ng/ul	6870700	5	13.97	2410400	20.0
1,1'-Biphenyl, 2,...	13.17	3.6	ng/ul	440137	5	13.97	2410400	20.0
1,1'-Biphenyl, 2,...	13.29	35.0	ng/ul	4221000	5	13.97	2410400	20.0
1,1'-Biphenyl, 2,...	13.45	3.5	ng/ul	421682	5	13.97	2410400	20.0
1,1'-Biphenyl, 2,...	13.60	2.9	ng/ul	344423	5	13.97	2410400	20.0
1,1'-Biphenyl, 2,...	13.72	16.0	ng/ul	1933670	5	13.97	2410400	20.0
1,1'-Biphenyl, 2,...	13.79	3.1	ng/ul	372151	5	13.97	2410400	20.0
Methadone N-oxide	14.10	6.2	ng/ul	746033	5	13.97	2410400	20.0
unknown-01	14.15	7.3	ng/ul	874200	5	13.97	2410400	20.0
1H-Indole, 1-meth...	14.17	2.6	ng/ul	317466	5	13.97	2410400	20.0
1H-Indole, 2-meth...	14.20	2.4	ng/ul	283760	5	13.97	2410400	20.0
2,2',3,3',4,5',6-...	14.23	4.7	ng/ul	570169	5	13.97	2410400	20.0