LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000747.D
Acq On : 15 Oct 2019 06:57
Operator : JU
Sample : K5343-06
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY6

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	2.123	3	6	10	rBV	23802	28525	0.71%	0.055%
2	2.170	10	14	15	rVV	13500	17416	0.44%	0.034%
3	2.187	15	17	18	rVV	17904	18369	0.46%	0.035%
4	2.205	18	20	27	rVB	22795	30391	0.76%	0.059%
5	2.334	37	42	48	rVB	254627	335458	8.40%	0.648%
6	2.834	122	127	133	rVB2	17719	26460	0.66%	0.051%
7	3.775	281	287	293	rVB	9769	15544	0.39%	0.030%
8	4.622	428	431	435	rVB	4642	5646	0.14%	0.011%
9	4.699	440	444	449	rBV	6444	7120	0.18%	0.014%
10	6.746	789	792	804	rBV	1683314	1316809	32.99%	2.544%
11	8.028	1007	1010	1014	rBV	1930709	1738771	43.56%	3.359%
12	8.087	1018	1020	1027	rVV3	8364	11562	0.29%	0.022%
13	8.146	1027	1030	1034	rVB4	6125	6375	0.16%	0.012%
14	8.234	1043	1045	1048	rVB2	6756	5494	0.14%	0.011%
15	8.363	1064	1067	1073	rVB7	3637	5358	0.13%	0.010%
16	9.799	1307	1311	1314	rBV	2476110	2186130	54.76%	4.223%
17	11.057	1522	1525	1528	rVB	5638	5165	0.13%	0.010%
18	11.169	1541	1544	1550	rBV	9228	10079	0.25%	0.019%
19	11.228	1551	1554	1556	rBV	6488	5812	0.15%	0.011%
20	11.293	1561	1565	1569	rVV	2688206	2391702	59.91%	4.620%
21	11.351	1573	1575	1579	rVV	14386	15119	0.38%	0.029%
22	11.393	1580	1582	1589	rVB6	5268	7795	0.20%	0.015%
23	11.646	1622	1625	1629	rVB	11384	12404	0.31%	0.024%
24	11.710	1632	1636	1640	rBV	47647	41821	1.05%	0.081%
25	11.793	1647	1650	1652	rBV3	5490	7464	0.19%	0.014%
26	11.816	1652	1654	1657	rVB2	11260	10847	0.27%	0.021%
27	11.881	1663	1665	1668	rBV4	5225	4787	0.12%	0.009%
28	11.922	1668	1672	1675	rVV	2552973	2046421	51.26%	3.953%
29	11.957	1675	1678	1680	rVV	577975	478879	12.00%	0.925%
30	11.981	1680	1682	1685	rVB	114380	88595	2.22%	0.171%
31	12.093	1697	1701	1704	rBV	984546	890100	22.30%	1.719%
32	12.116	1704	1705	1708	rVB	64661	45315	1.14%	0.088%
33	12.175	1712	1715	1716	rBV	76485	58441	1.46%	0.113%
34	12.198	1716	1719	1722	rVB	334864	271996	6.81%	0.525%

LSC Area Percent Report

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Operator : JU
Sample : K5343-06
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY6

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	12.234	1722	1725	1727	rBV	28016	30585	0.77%	0.059%
36	12.257	1727	1729	1732	rVB	58765	45912	1.15%	0.089%
37	12.293	1733	1735	1740	rBV6	6846	7836	0.20%	0.015%
38	12.351	1742	1745	1748	rBV2	28377	28824	0.72%	0.056%
39	12.393	1748	1752	1754	rBV	425546	360969	9.04%	0.697%
40	12.440	1754	1760	1765	rVV2	2881334	3117673	78.10%	6.022%
41	12.493	1766	1769	1773	rVB	527775	410042	10.27%	0.792%
42	12.575	1779	1783	1787	rBV2	747072	780675	19.56%	1.508%
43	12.628	1787	1792	1795	rVV	3598607	3992112	100.00%	7.711%
44	12.663	1795	1798	1802	rVV	1756759	1485117	37.20%	2.869%
45	12.710	1802	1806	1808	rVV	70541	60549	1.52%	0.117%
46	12.746	1809	1812	1816	rVV	218374	187421	4.69%	0.362%
47	12.793	1816	1820	1823	rVV	1329957	1099127	27.53%	2.123%
48	12.846	1823	1829	1832	rVV	1963465	1839538	46.08%	3.553%
49	12.875	1832	1834	1836	rVV	780400	627149	15.71%	1.211%
50	12.916	1836	1841	1844	rVV	4294418	3713055	93.01%	7.172%
51	12.946	1844	1846	1851	rVB2	17864	16760	0.42%	0.032%
52	13.004	1851	1856	1858	rBV2	529951	667210	16.71%	1.289%
53	13.028	1858	1860	1863	rVV	274783	288567	7.23%	0.557%
54	13.057	1863	1865	1867	rVV	201112	178567	4.47%	0.345%
55	13.093	1867	1871	1874	rVV	1776510	1630886	40.85%	3.150%
56	13.128	1874	1877	1881	rVV	3783886	3140174	78.66%	6.066%
57	13.175	1881	1885	1888	rVB	197045	167663	4.20%	0.324%
58	13.228	1889	1894	1898	rVB2	336839	436415	10.93%	0.843%
59	13.287	1900	1904	1906	rBV	1885683	1716707	43.00%	3.316%
60	13.316	1906	1909	1910	rVV2	1065085	856033	21.44%	1.654%
61	13.334	1910	1912	1916	rVB	1679536	1433476	35.91%	2.769%
62	13.387	1918	1921	1925	rBV	478814	398874	9.99%	0.770%
63	13.434	1926	1929	1931	rBV	243652	240482	6.02%	0.465%
64	13.451	1931	1932	1935	rVB	230869	141700	3.55%	0.274%
65	13.504	1935	1941	1946	rBV	2388726	3014017	75.50%	5.822%
66	13.557	1947	1950	1953	rVV	203618	166907	4.18%	0.322%
67	13.604	1955	1958	1962	rVV3	122559	124875	3.13%	0.241%
68	13.651	1963	1966	1973	rVB2	87161	91025	2.28%	0.176%
69	13.716	1973	1977	1980	rBV	823005	746091	18.69%	1.441%
70	13.793	1987	1990	1993	rBV	150811	143614	3.60%	0.277%
71	13.834	1994	1997	2000	rVV2	116811	134905	3.38%	0.261%

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Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY6

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

72	13.875	2001	2004	2005	rVV	90975	89119	2.23%	0.172%
73	13.898	2005	2008	2011	rVV	419274	402384	10.08%	0.777%
74	13.934	2011	2014	2016	rVV	100951	99696	2.50%	0.193%
75	13.969	2016	2020	2023	rVV	2879086	2524622	63.24%	4.877%
76	14.004	2023	2026	2029	rVB	321385	279307	7.00%	0.540%
77	14.222	2060	2063	2068	rBV	203230	198389	4.97%	0.383%
78	15.445	2266	2271	2276	rBV	2021986	2507207	62.80%	4.843%

Sum of corrected areas: 51770426

LSC Report - Integrated Chromatogram

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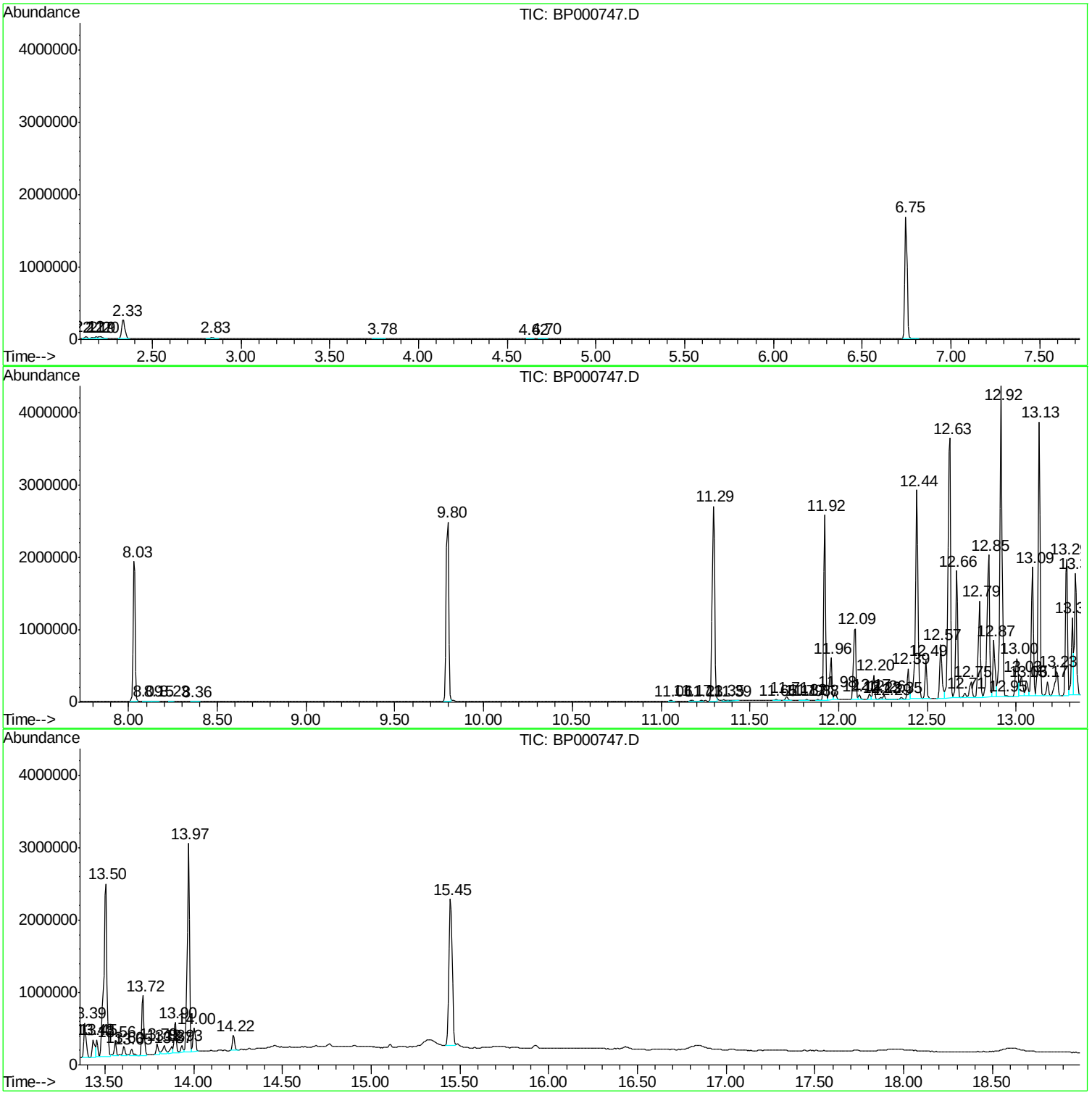
Acq On : 15 Oct 2019 06:57
Operator : JU
Sample : K5343-06
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY6

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000747.D
Acq On : 15 Oct 2019 06:57
Operator : JU
Sample : K5343-06
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY6

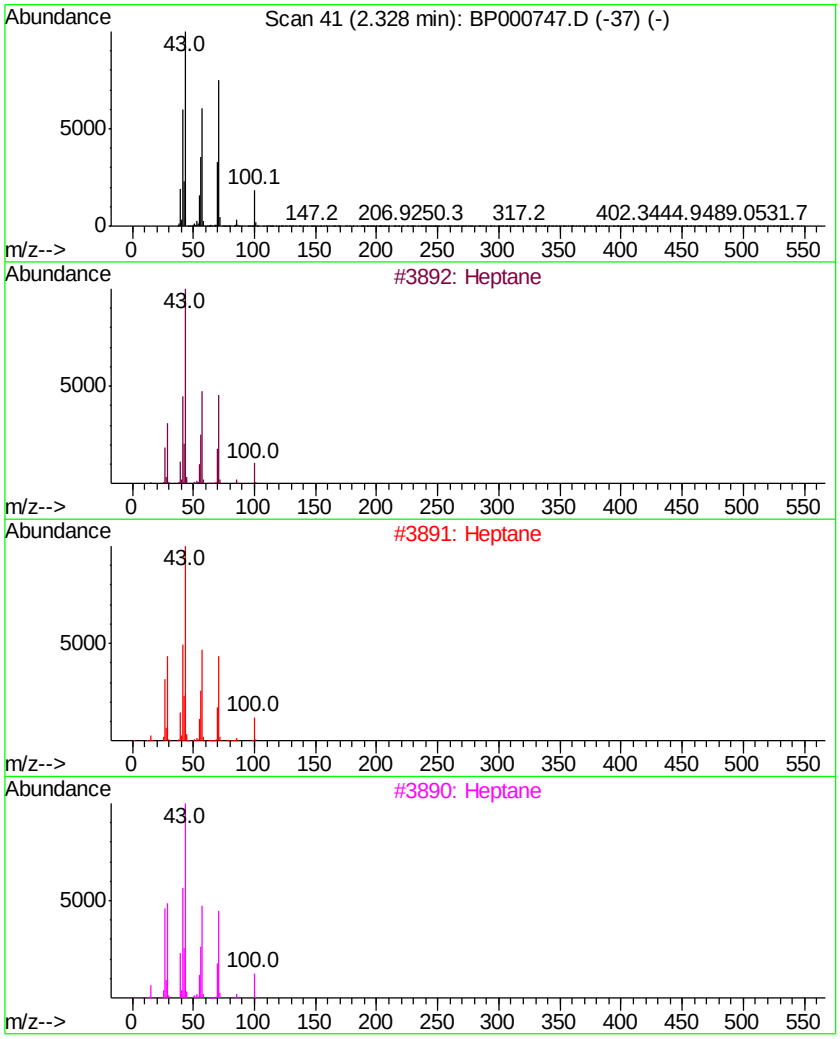
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

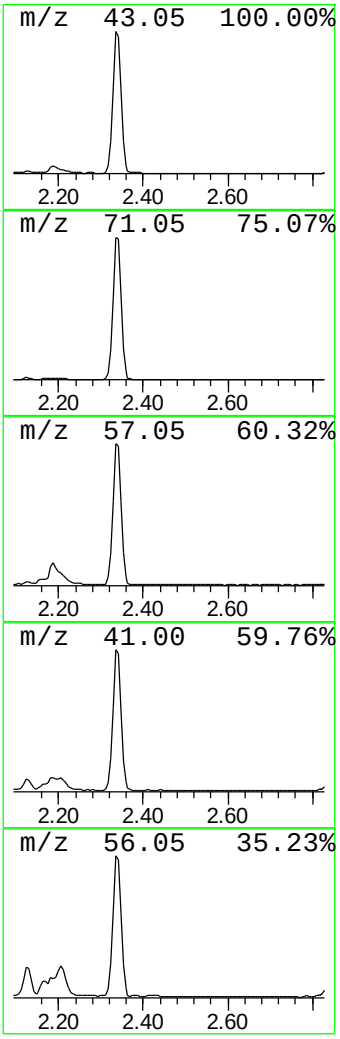
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	5.10 ng/ul	335458	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	90
5	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000747.D
Acq On : 15 Oct 2019 06:57
Operator : JU
Sample : K5343-06
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY6

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

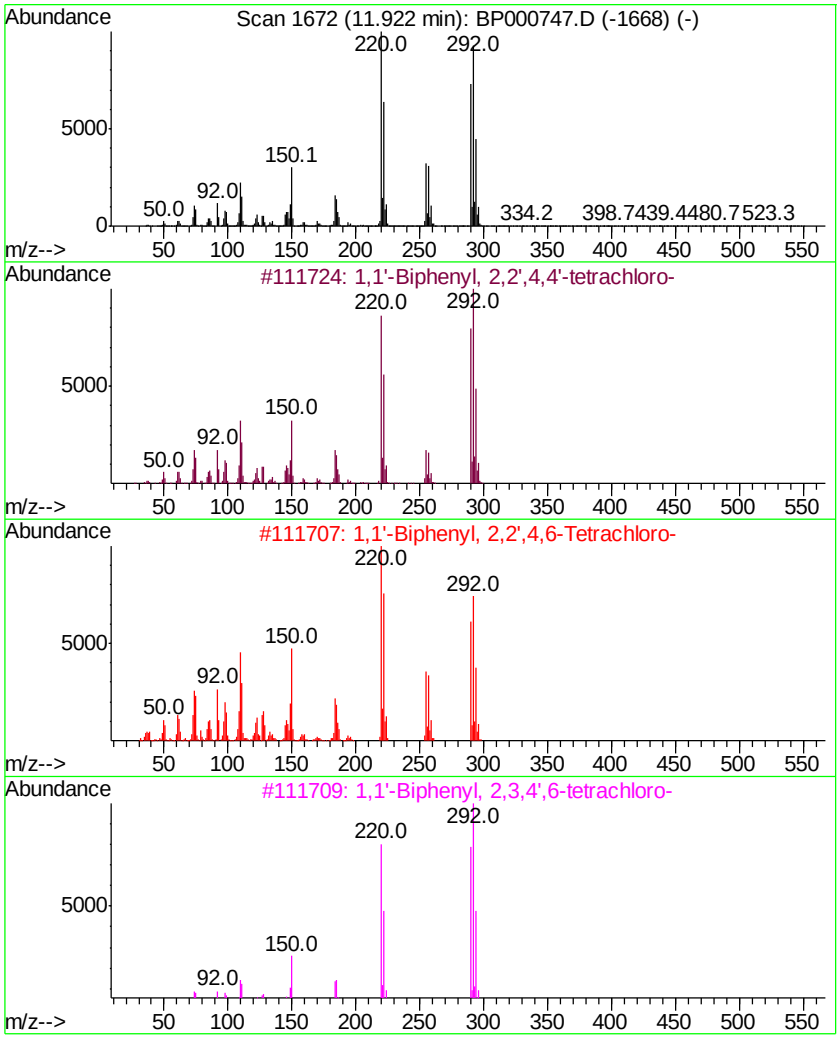
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

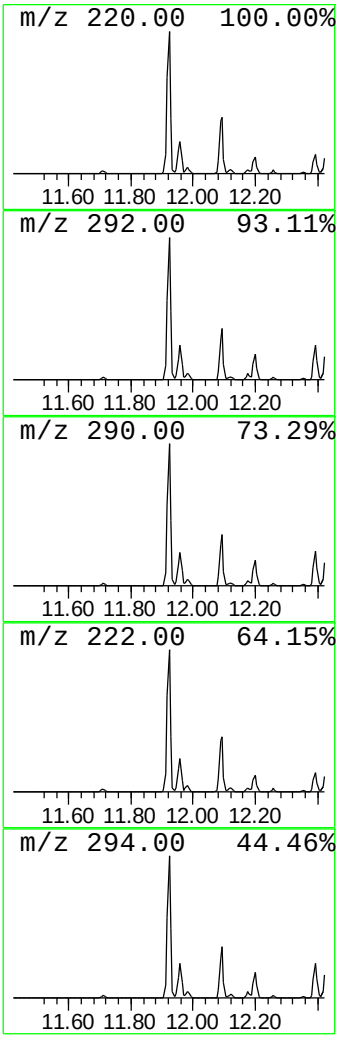
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	17.11 ng/ul	2046420	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',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99





Library Search Compound Report

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Acq On : 15 Oct 2019 06:57
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Sample : K5343-06
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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY6

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

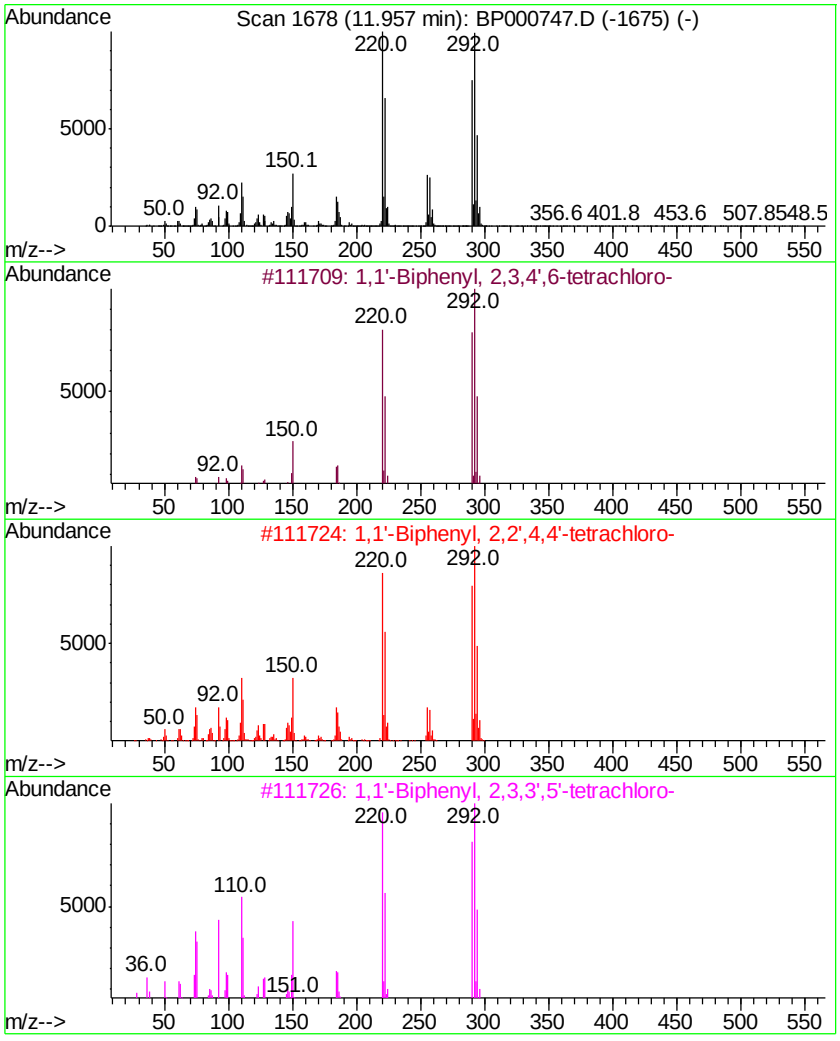
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

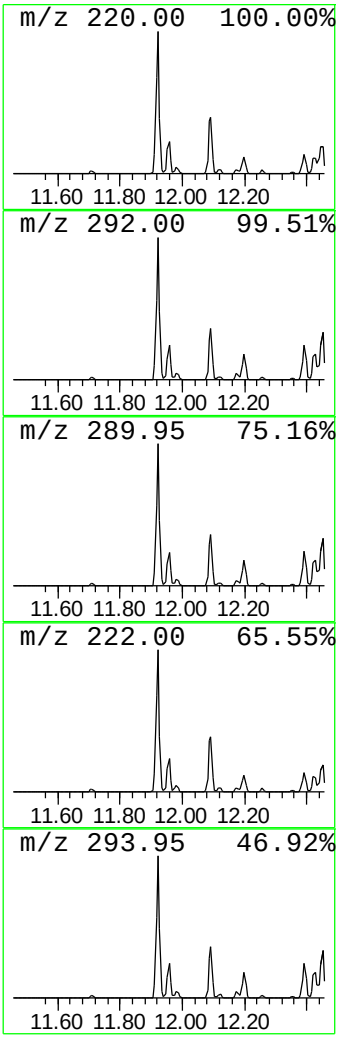
****

Peak Number 3 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	4.00 ng/ul	478879	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, 2,3,3',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',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99





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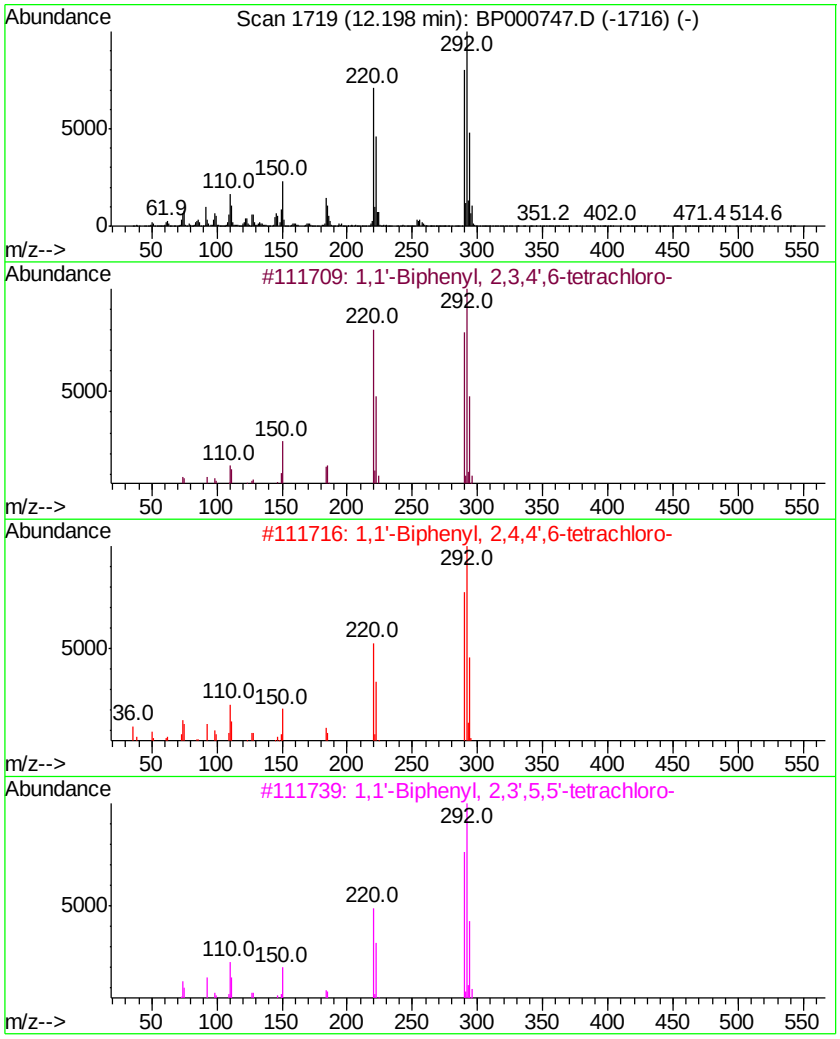
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

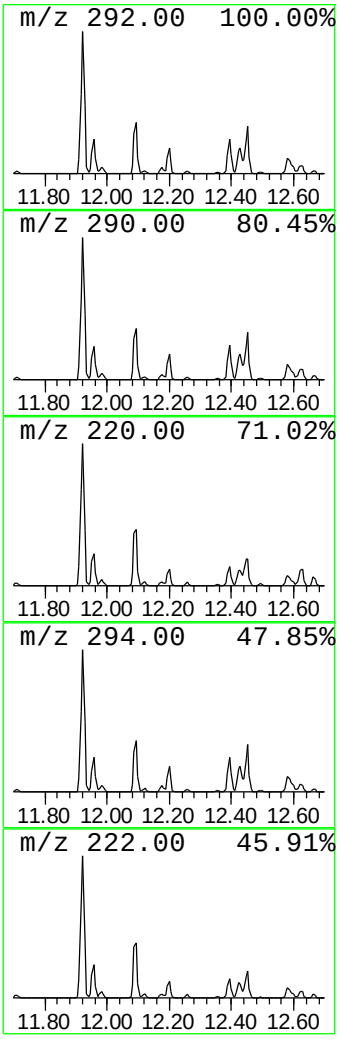
****

Peak Number 5 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	2.27 ng/ul	271996	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, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99
3	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
4	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
5	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99





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Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
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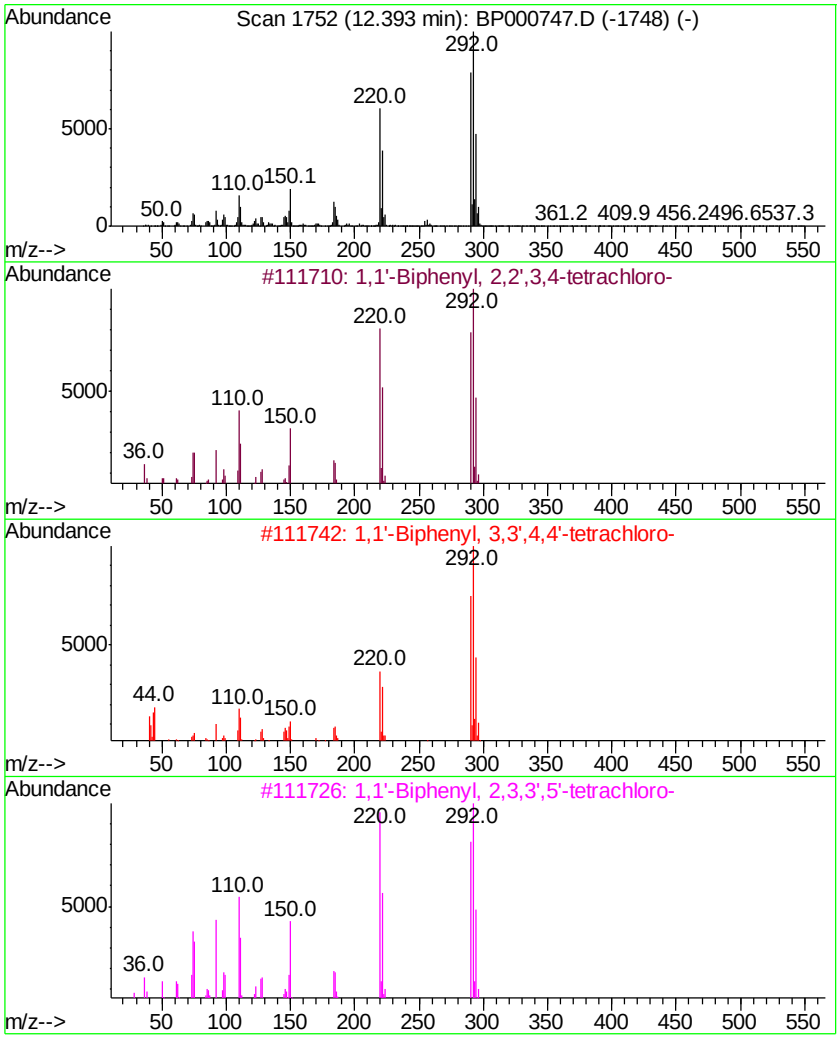
Quant Title : SVOA CALIBRATION

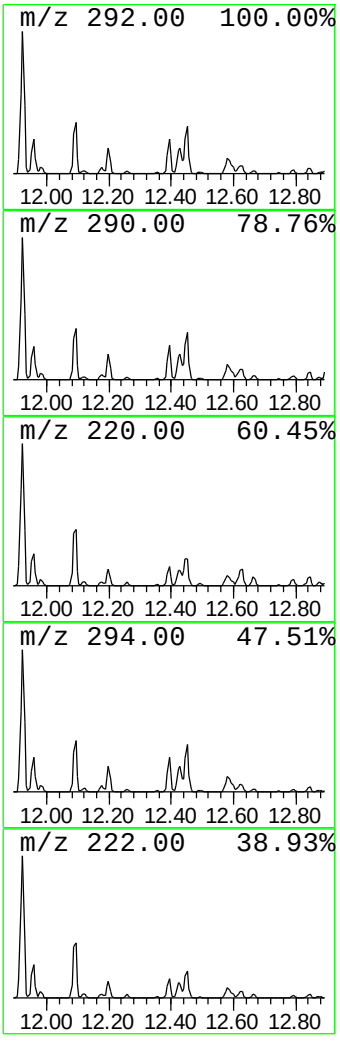
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	3.02 ng/ul	360969	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, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
5	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99





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Instrument : BNA_P
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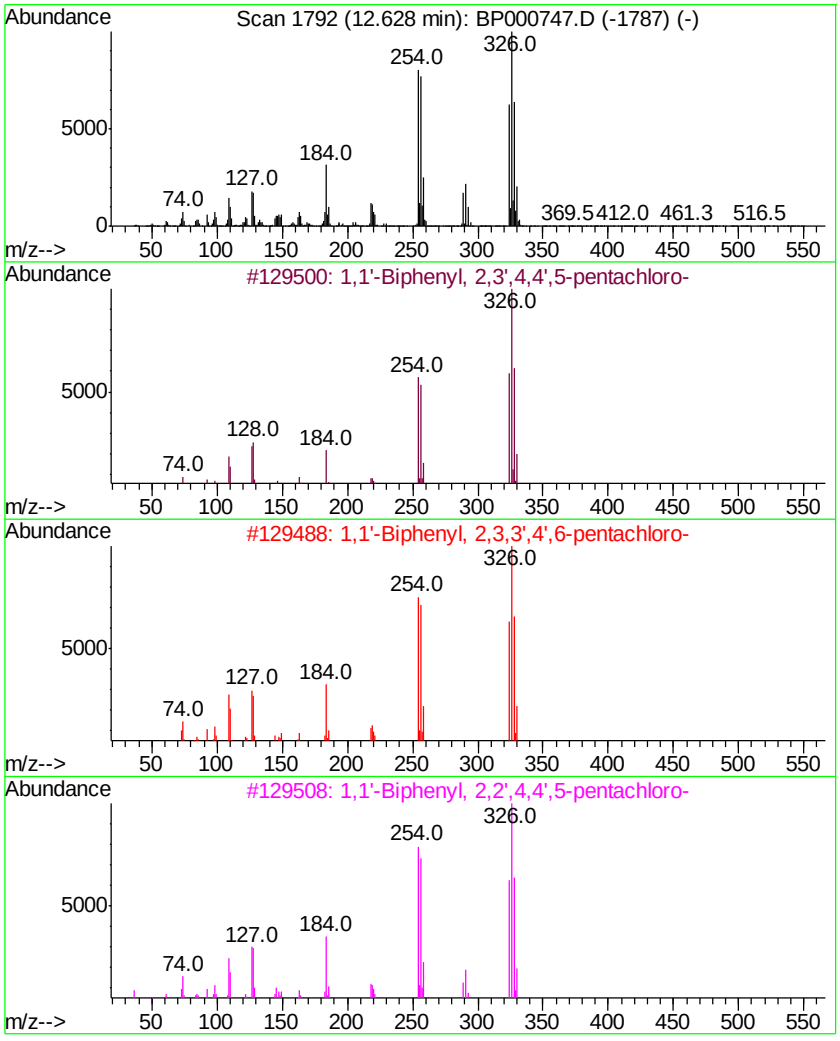
Quant Title : SVOA CALIBRATION

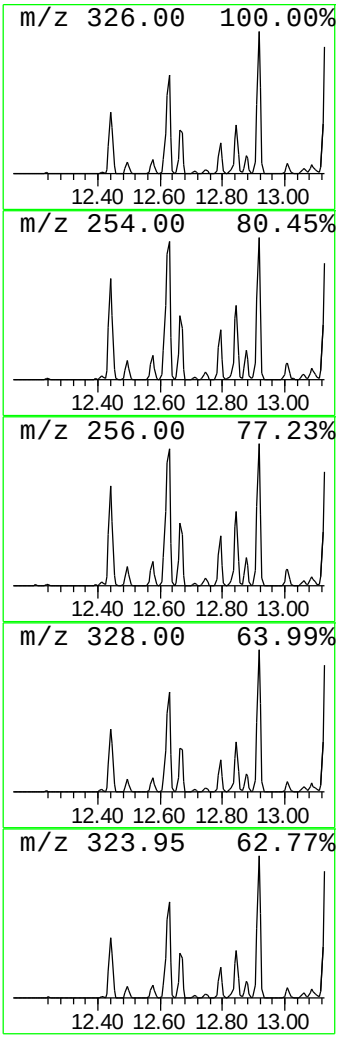
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	33.38 ng/ul	3992110	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, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	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	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000747.D
Acq On : 15 Oct 2019 06:57
Operator : JU
Sample : K5343-06
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY6

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

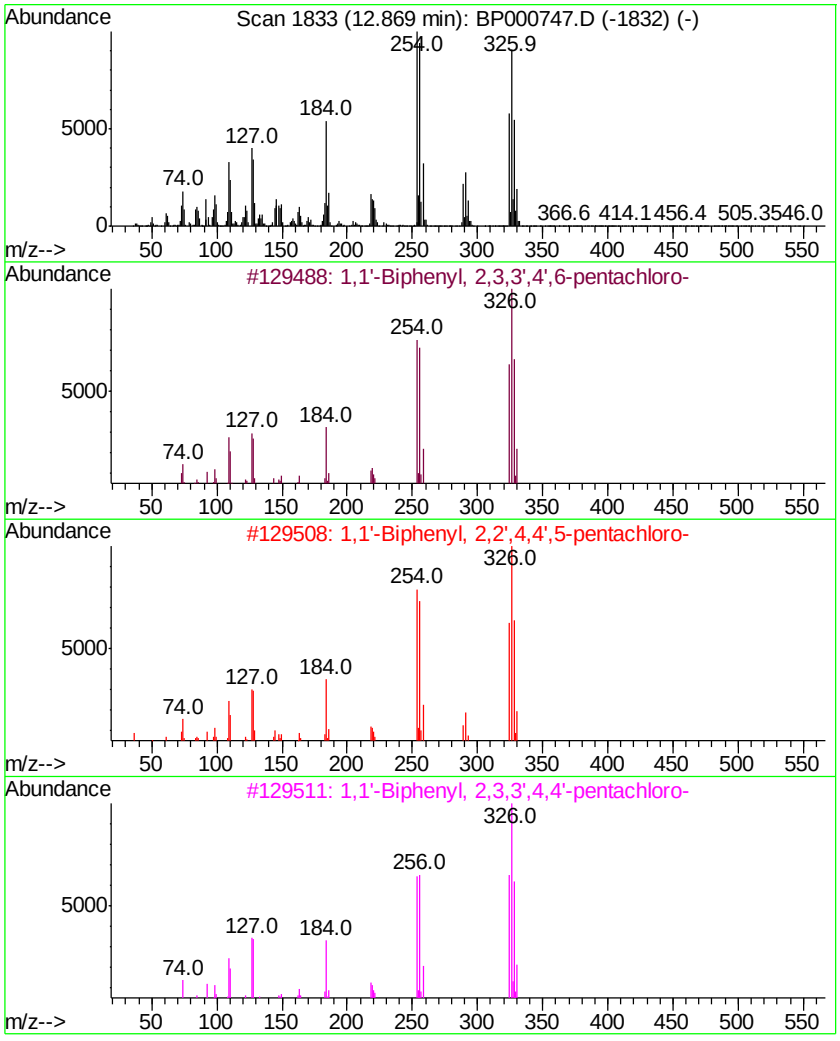
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

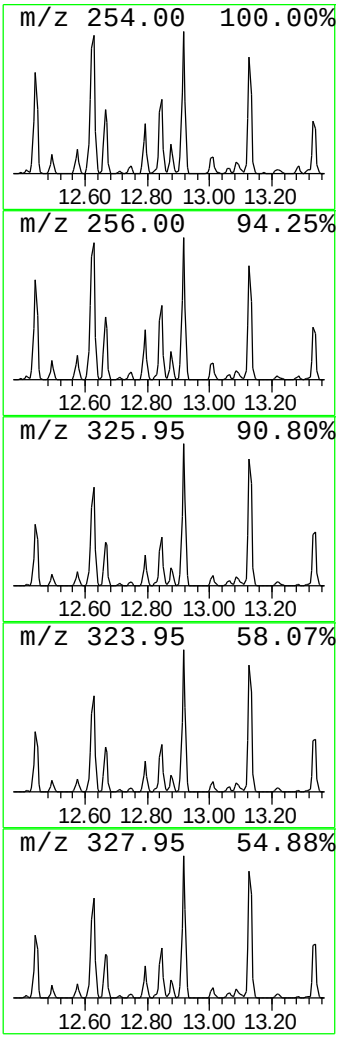
****

Peak Number 14 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	4.97 ng/ul	627149	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, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99





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Operator : JU
Sample : K5343-06
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY6

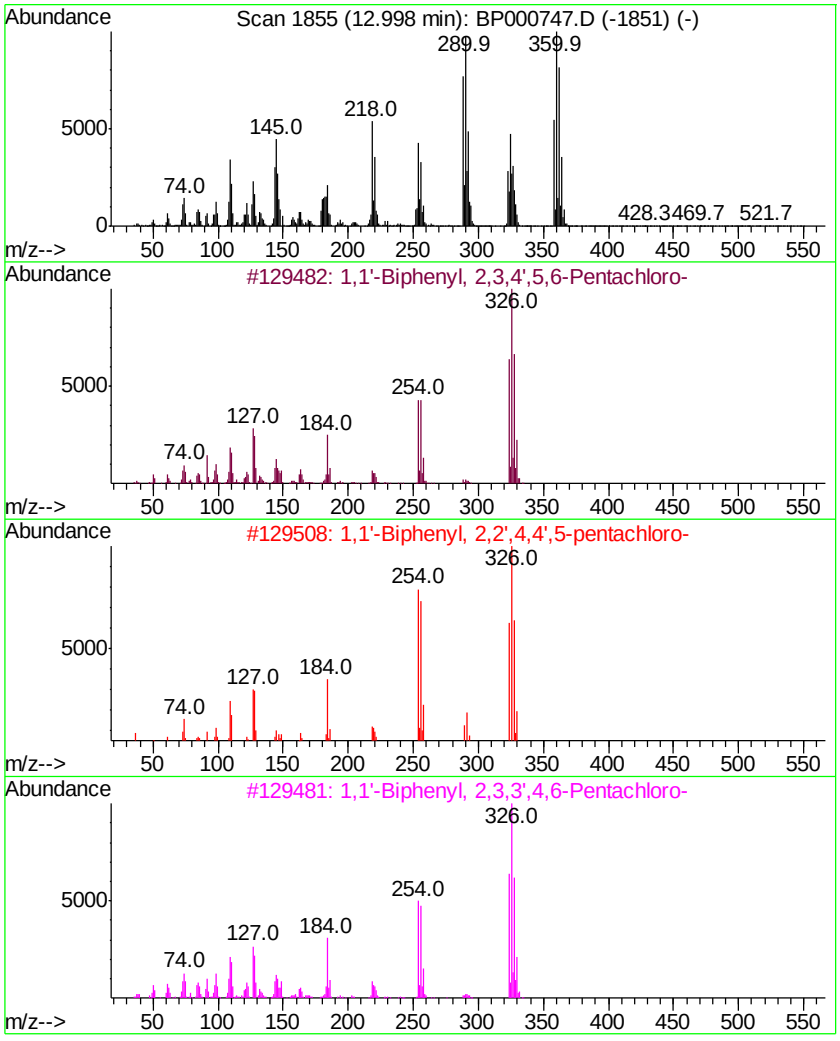
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

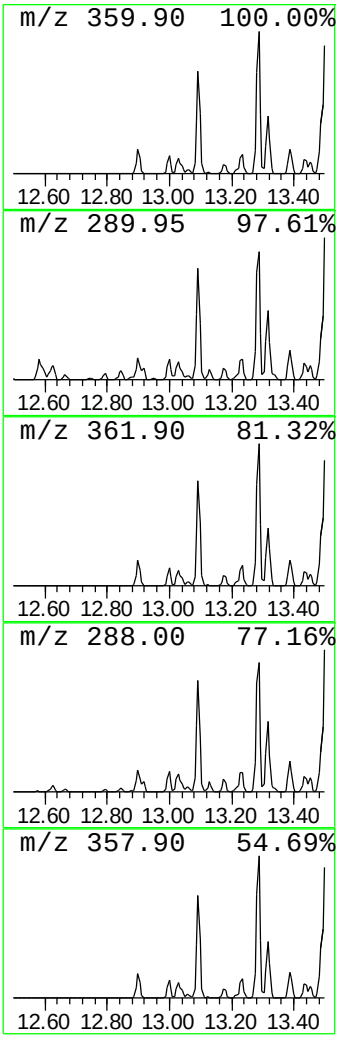
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,3,4',5,6-P... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	5.29 ng/ul	667210	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	99
4	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	99
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99





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Operator : JU
Sample : K5343-06
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY6

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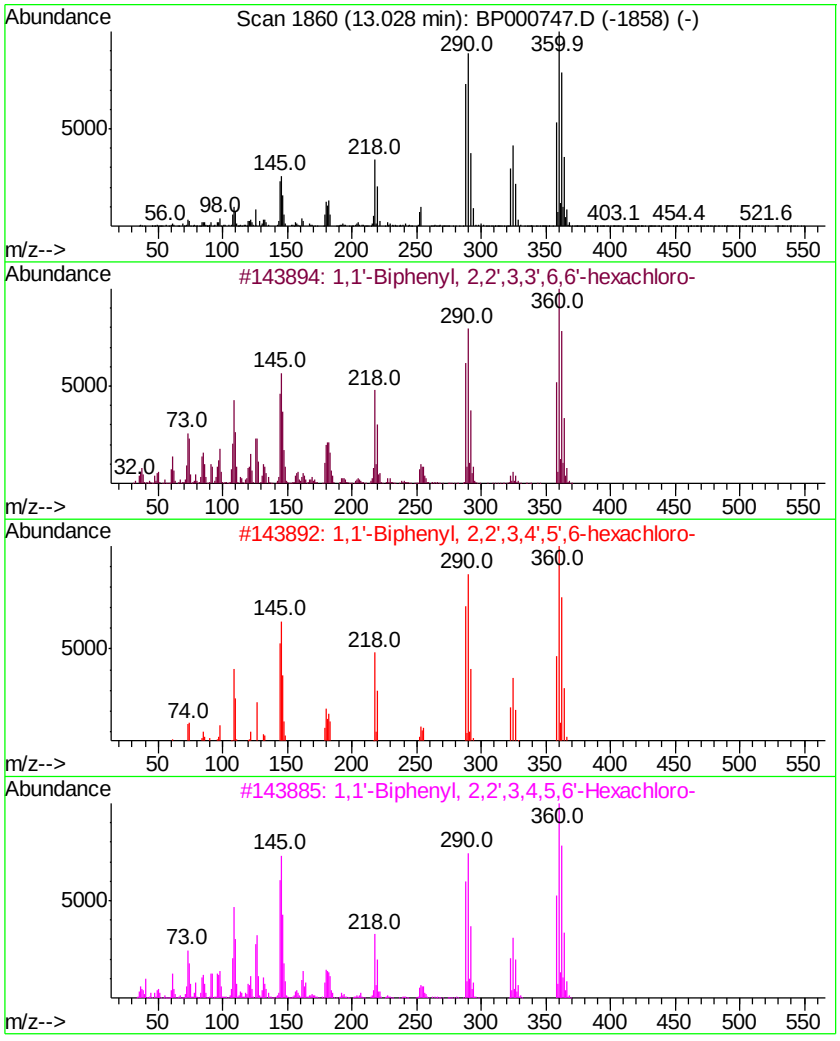
Quant Title : SVOA CALIBRATION

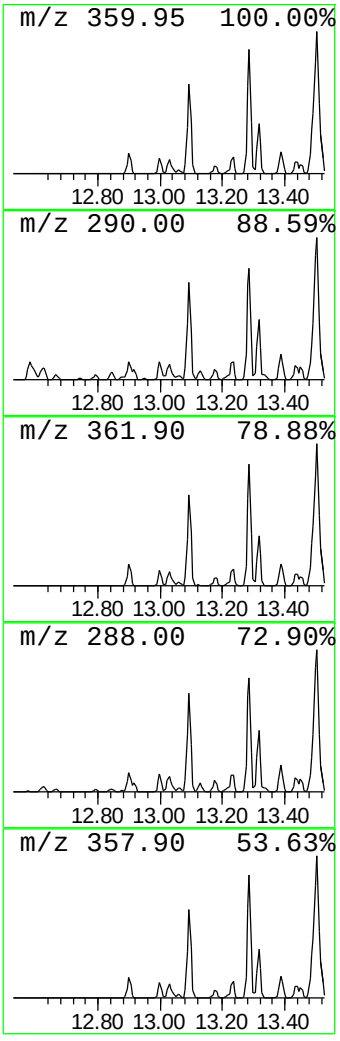
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,1'-Biphenyl, 2,2',3,3',6,... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.29 ng/ul	288567	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
2	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
3	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	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',4,6'-he...	358	C12H4Cl6	038380-05-1	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000747.D
Acq On : 15 Oct 2019 06:57
Operator : JU
Sample : K5343-06
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY6

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

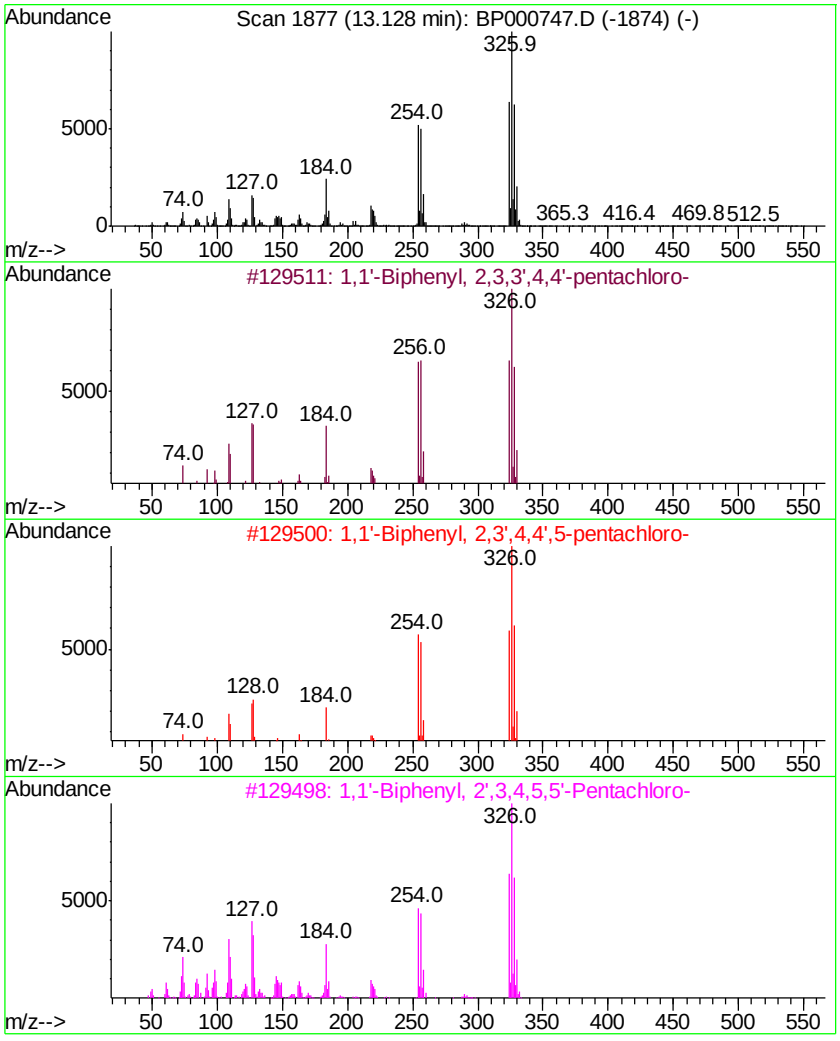
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

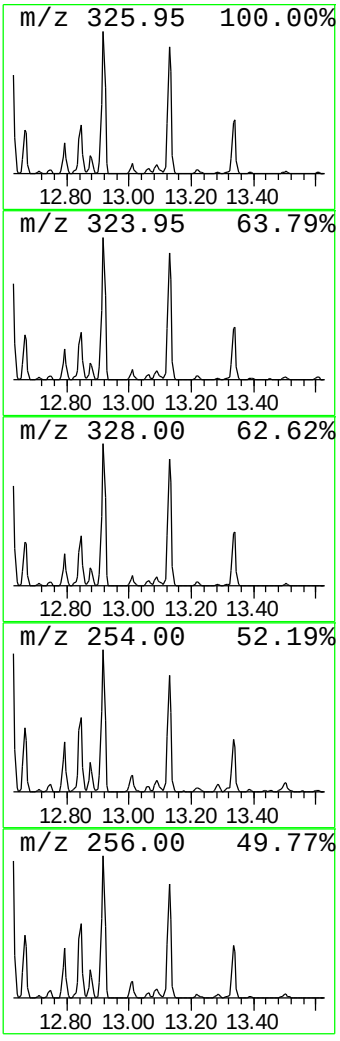
****

Peak Number 19 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	24.88 ng/ul	3140170	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',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99





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Acq On : 15 Oct 2019 06:57
Operator : JU
Sample : K5343-06
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY6

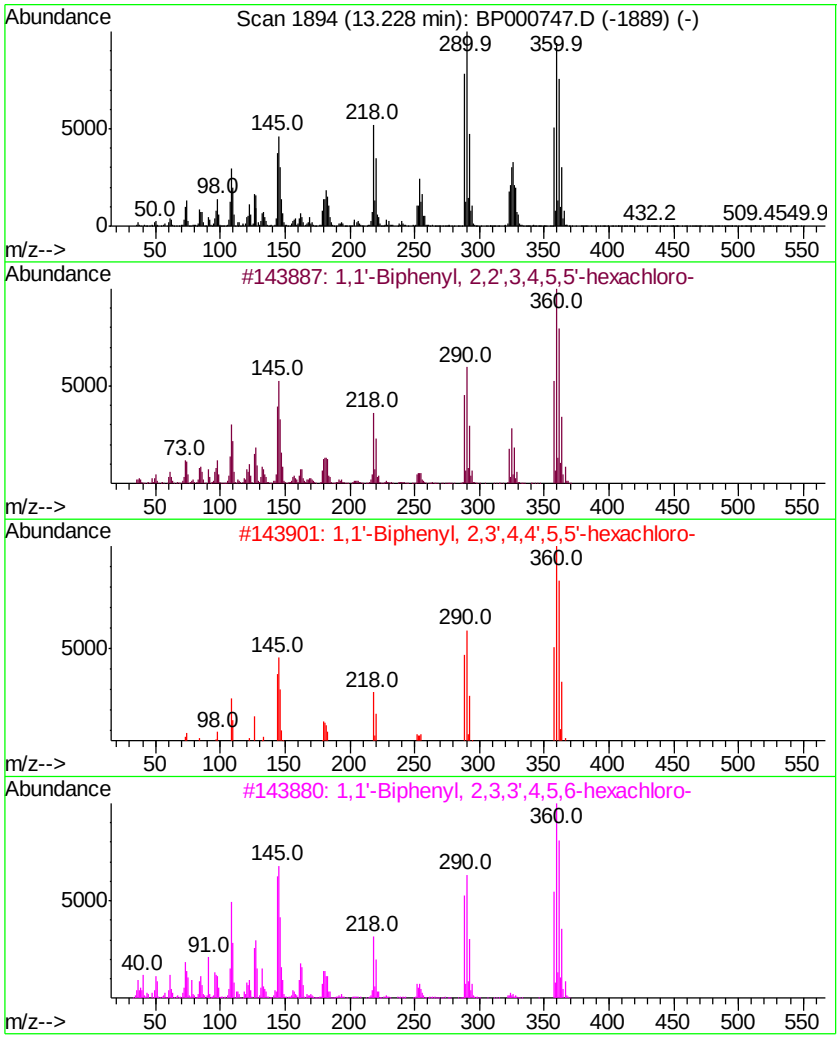
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

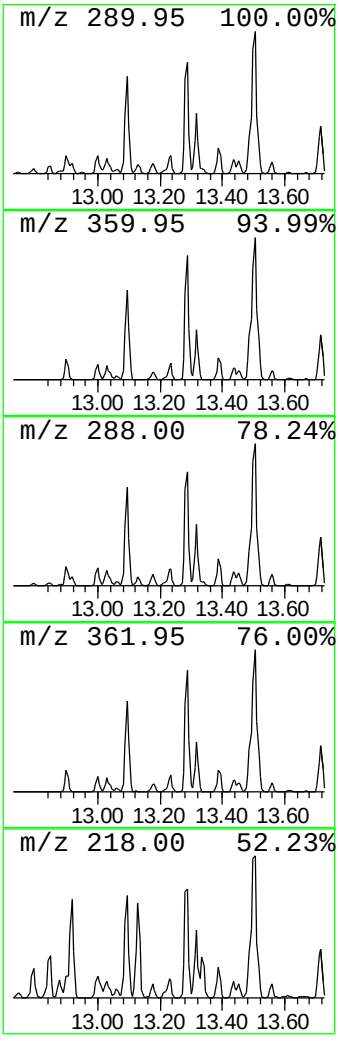
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	3.46 ng/ul	436415	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
4	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99





Library Search Compound Report

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Data File : BP000747.D
Acq On : 15 Oct 2019 06:57
Operator : JU
Sample : K5343-06
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY6

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

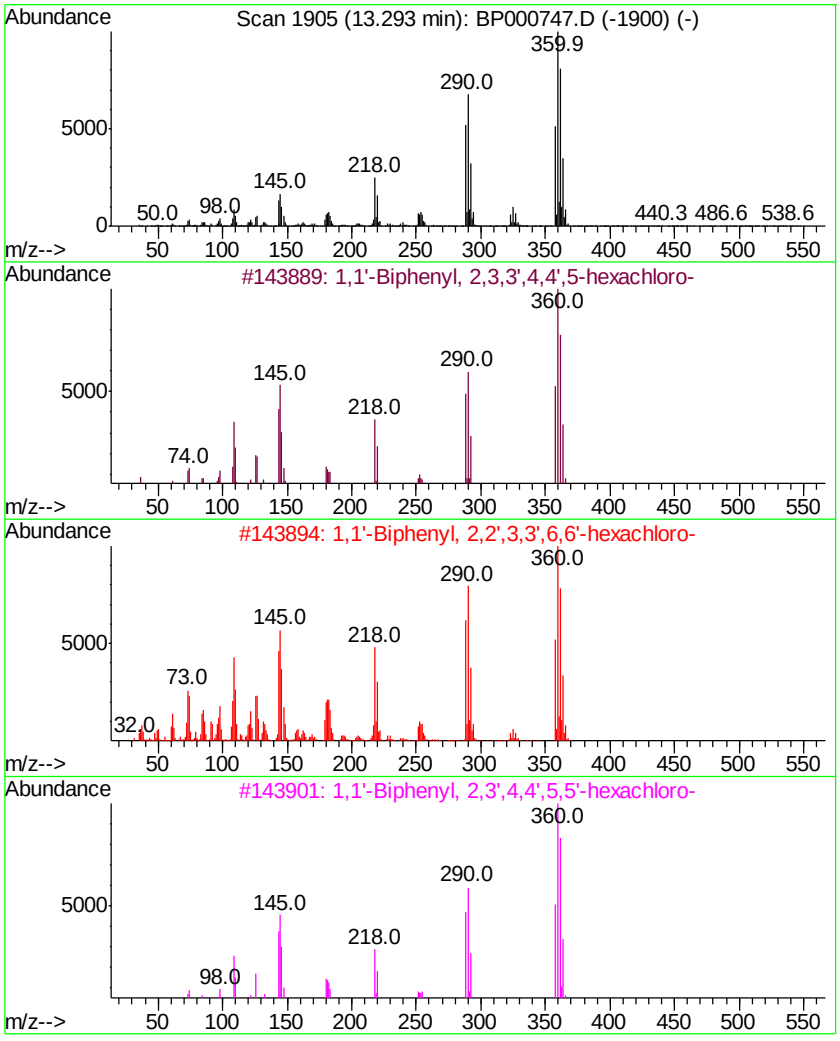
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

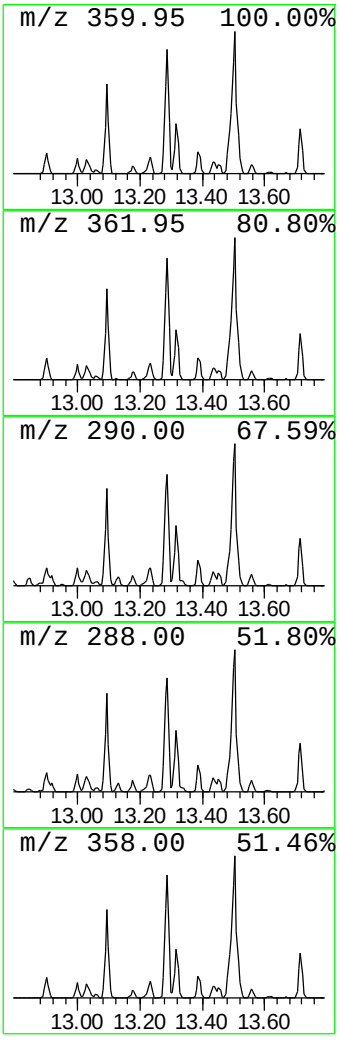
****

Peak Number 21 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	13.60 ng/ul	1716710	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
2	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
5	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	98





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Operator : JU
Sample : K5343-06
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY6

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

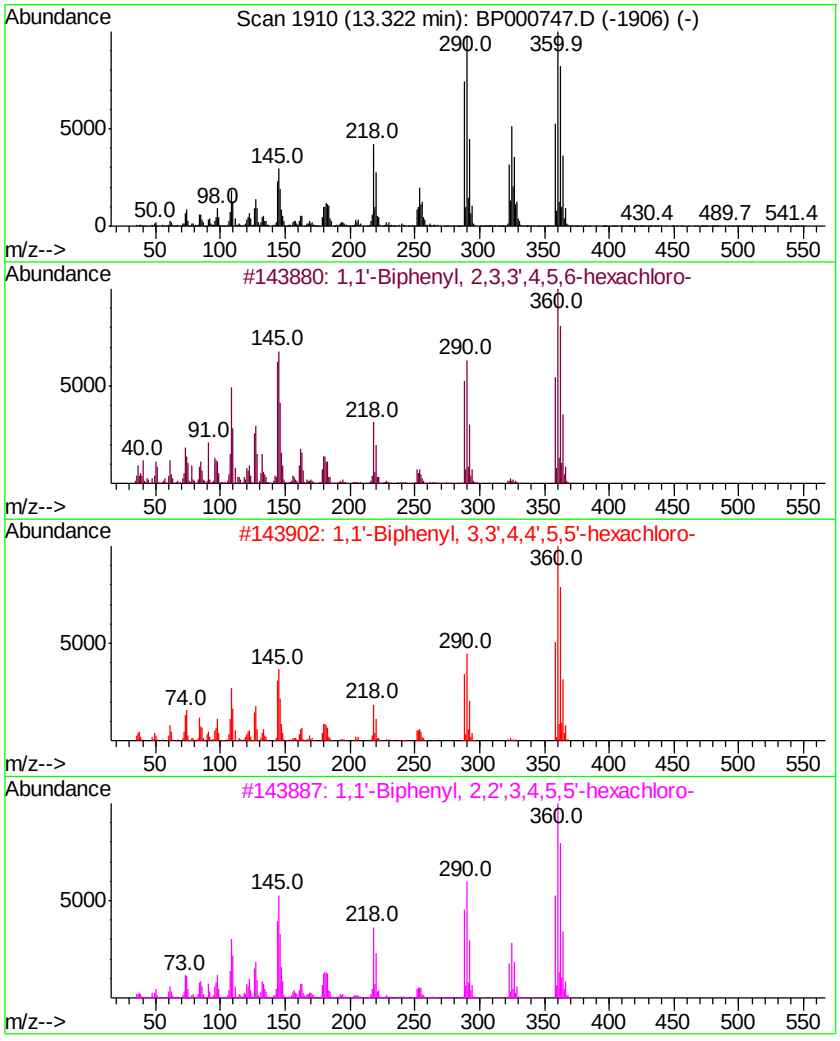
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

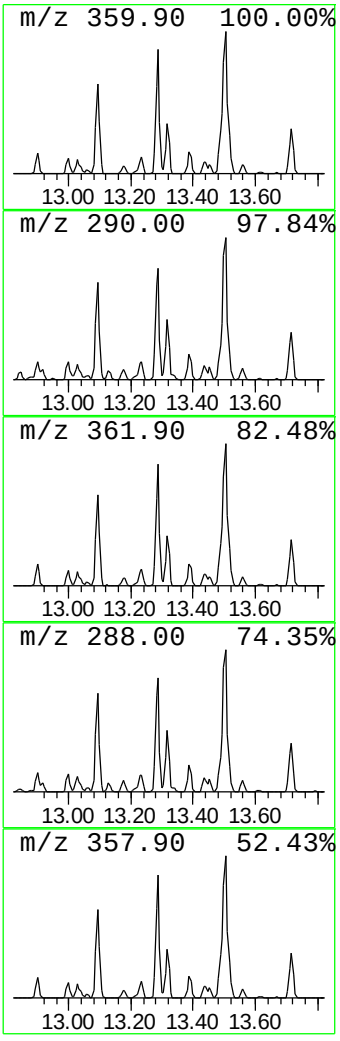
****

Peak Number 22 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	6.78 ng/ul	856033	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, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	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',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99





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ALS Vial : 29 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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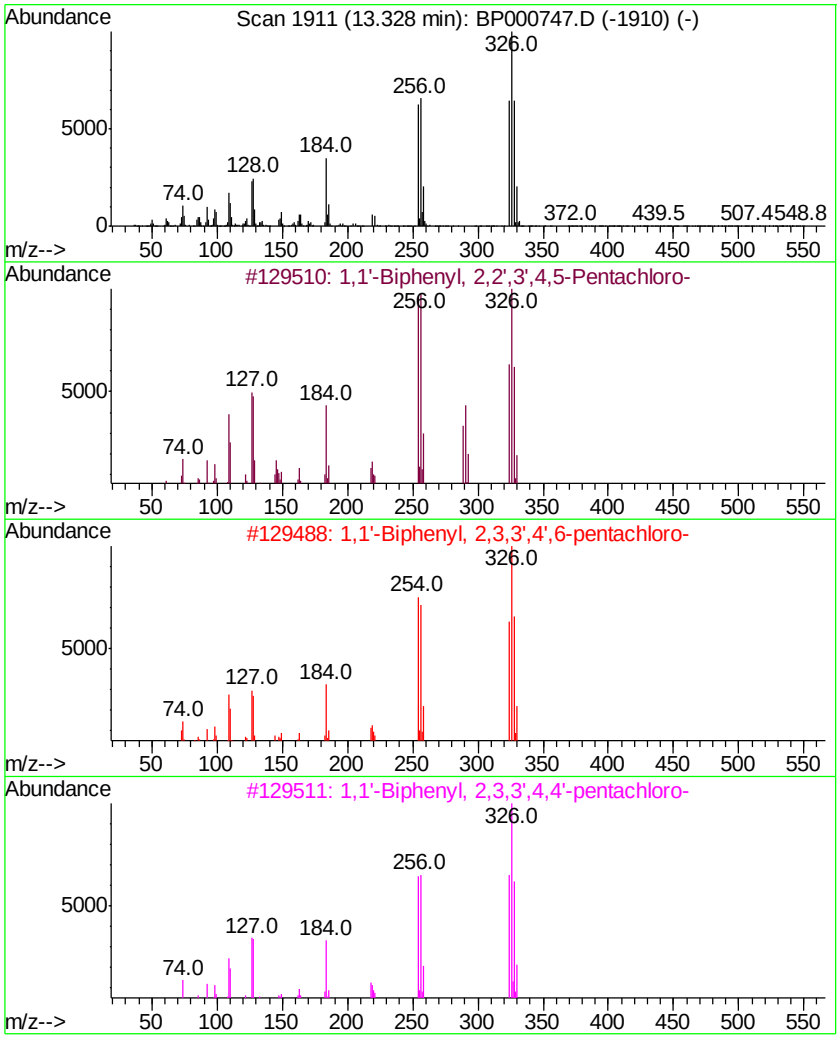
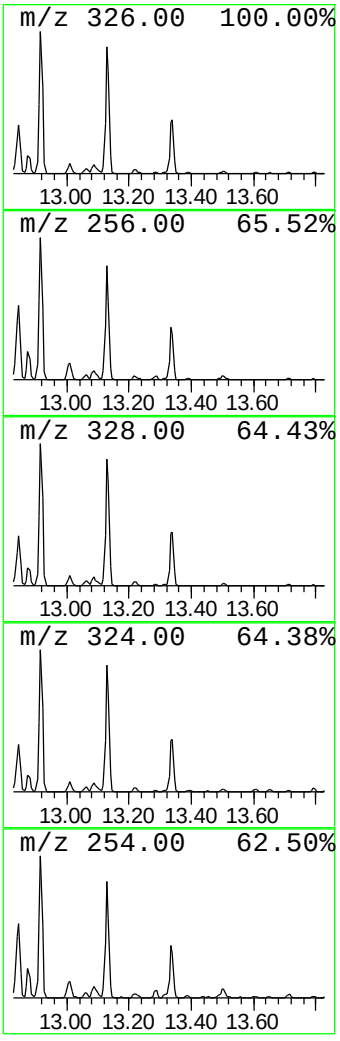
Peak Number 23 1,1'-Biphenyl, 2,2',3',4,5-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	11.36 ng/ul	1433480	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	97
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	96
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95





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Operator : JU
Sample : K5343-06
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY6

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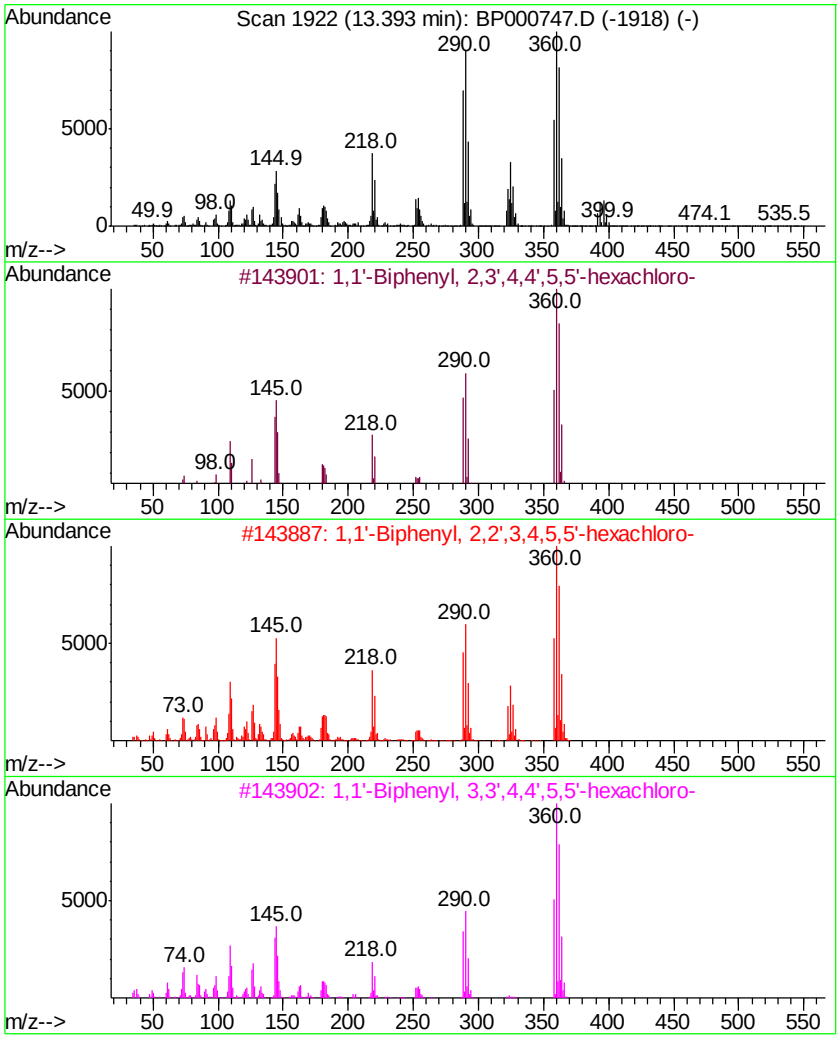
Quant Title : SVOA CALIBRATION

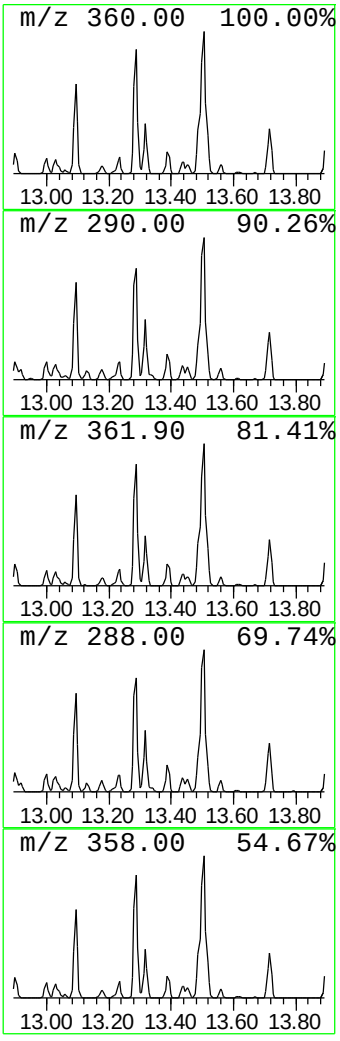
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	3.16 ng/ul	398874	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, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
5	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99





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ALS Vial : 29 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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	23.88 ng/ul	3014020	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, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
4	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
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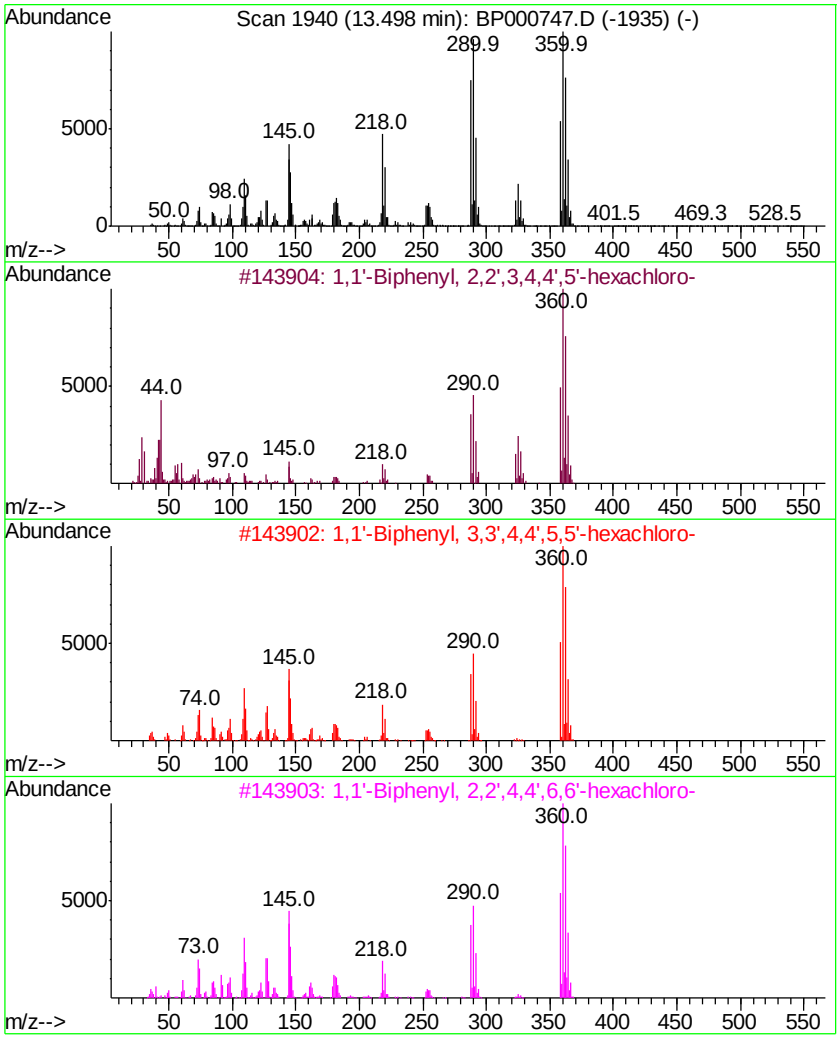
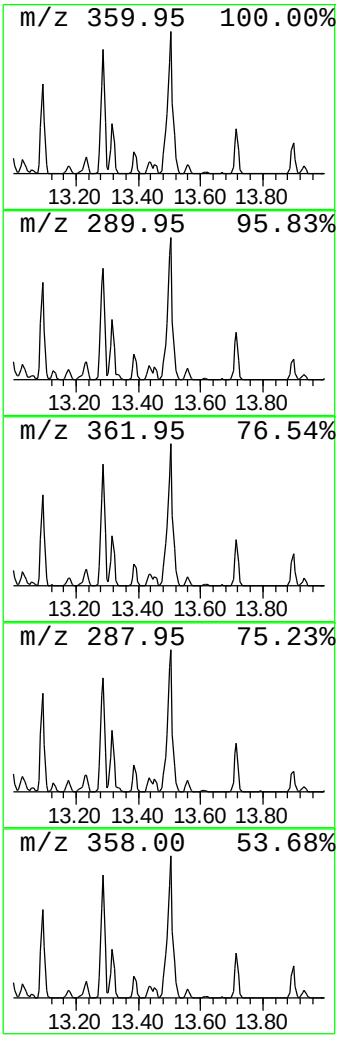




Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000747.D
Acq On : 15 Oct 2019 06:57
Operator : JU
Sample : K5343-06
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY6

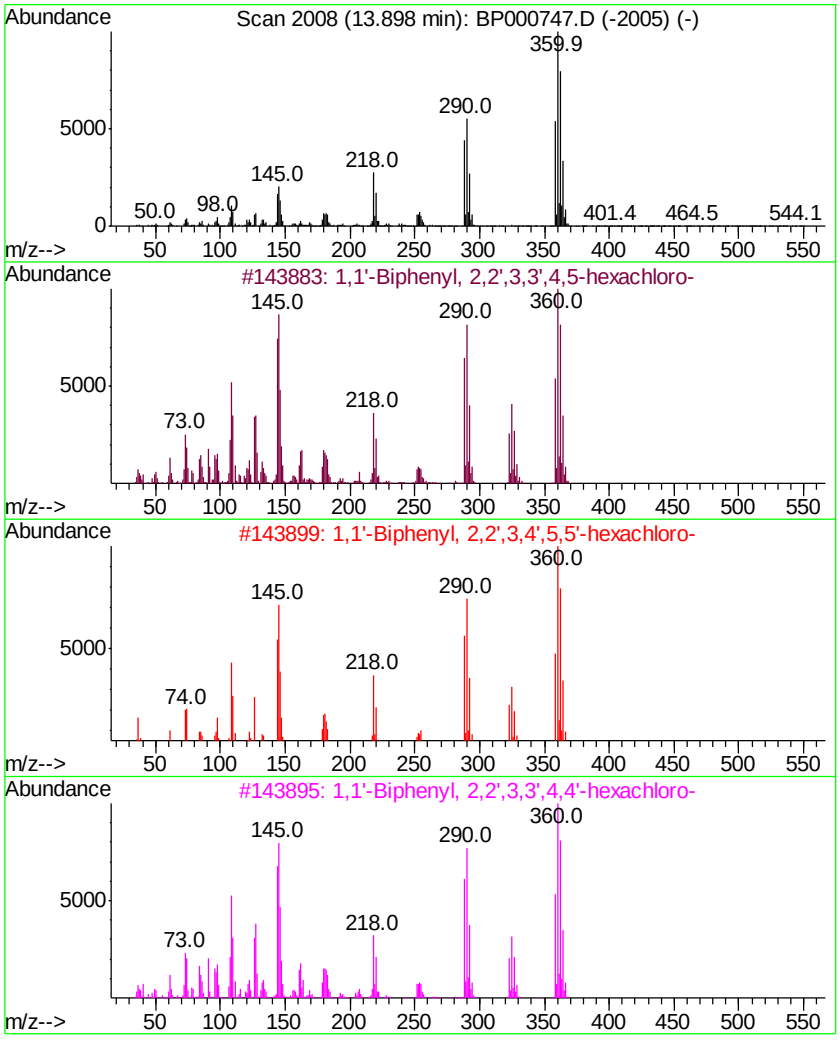
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

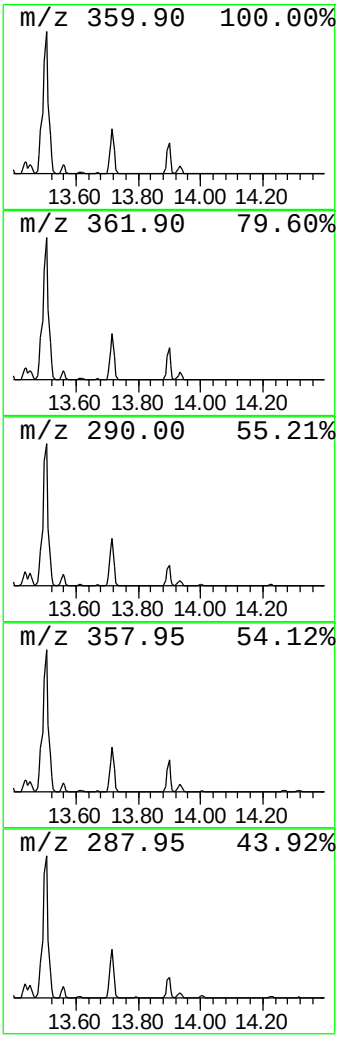
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	3.19 ng/ul	402384	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
2	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
5	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101519\
Data File : BP000747.D
Acq On : 15 Oct 2019 06:57
Operator : JU
Sample : K5343-06
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AY6

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...	2.33	5.1	ng/ul	335458	1	6.75	1316810	20.0
1,1'-Biphenyl, 2,...	11.92	17.1	ng/ul	2046420	4	11.29	2391700	20.0
1,1'-Biphenyl, 2,...	11.96	4.0	ng/ul	478879	4	11.29	2391700	20.0
1,1'-Biphenyl, 2,...	12.20	2.3	ng/ul	271996	4	11.29	2391700	20.0
1,1'-Biphenyl, 2,...	12.39	3.0	ng/ul	360969	4	11.29	2391700	20.0
1,1'-Biphenyl, 2,...	12.63	33.4	ng/ul	3992110	4	11.29	2391700	20.0
1,1'-Biphenyl, 2,...	12.87	5.0	ng/ul	627149	5	13.97	2524620	20.0
1,1'-Biphenyl, 2,...	13.00	5.3	ng/ul	667210	5	13.97	2524620	20.0
1,1'-Biphenyl, 2,...	13.03	2.3	ng/ul	288567	5	13.97	2524620	20.0
1,1'-Biphenyl, 2,...	13.13	24.9	ng/ul	3140170	5	13.97	2524620	20.0
1,1'-Biphenyl, 2,...	13.23	3.5	ng/ul	436415	5	13.97	2524620	20.0
1,1'-Biphenyl, 2,...	13.29	13.6	ng/ul	1716710	5	13.97	2524620	20.0
1,1'-Biphenyl, 2,...	13.32	6.8	ng/ul	856033	5	13.97	2524620	20.0
1,1'-Biphenyl, 2,...	13.33	11.4	ng/ul	1433480	5	13.97	2524620	20.0
1,1'-Biphenyl, 2,...	13.39	3.2	ng/ul	398874	5	13.97	2524620	20.0
1,1'-Biphenyl, 2,...	13.50	23.9	ng/ul	3014020	5	13.97	2524620	20.0
1,1'-Biphenyl, 2,...	13.90	3.2	ng/ul	402384	5	13.97	2524620	20.0