LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090919\
Data File : BP000163.D
Acq On : 10 Sep 2019 11:22
Operator : HP/JU
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

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-BP090519MA.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	7	10	18	rVB	85646	84040	2.61%	0.239%
2	2.222	18	23	30	rVB2	156303	200861	6.25%	0.572%
3	2.328	38	41	44	rBV	22341	32091	1.00%	0.091%
4	2.364	44	47	50	rVV	42736	55525	1.73%	0.158%
5	2.405	50	54	59	rVV	233090	298723	9.29%	0.850%
6	2.458	59	63	72	rVB	27544	37051	1.15%	0.105%
7	2.599	81	87	96	rVB	424666	570029	17.74%	1.623%
8	3.146	173	180	187	rVB	31312	53280	1.66%	0.152%
9	4.016	323	328	332	rVB	24721	33347	1.04%	0.095%
10	4.805	457	462	468	rVB	62733	67519	2.10%	0.192%
11	6.534	752	756	759	rBV	21061	19764	0.61%	0.056%
12	6.893	813	817	820	rBV	2264940	1772827	55.16%	5.047%
13	8.175	1031	1035	1038	rBV	2974714	2376159	73.94%	6.764%
14	9.946	1332	1336	1339	rBV	3408908	2900067	90.24%	8.256%
15	11.204	1547	1550	1555	rVB	28057	29226	0.91%	0.083%
16	11.445	1587	1591	1595	rBV	3705527	3077572	95.76%	8.761%
17	11.551	1606	1609	1613	rVB3	36450	38136	1.19%	0.109%
18	11.798	1647	1651	1655	rVB	104991	107617	3.35%	0.306%
19	11.869	1660	1663	1668	rVB3	30806	35384	1.10%	0.101%
20	11.945	1673	1676	1679	rBV2	57053	53443	1.66%	0.152%
21	11.981	1679	1682	1689	rVB6	21618	30079	0.94%	0.086%
22	12.075	1695	1698	1702	rBV	844179	729505	22.70%	2.077%
23	12.110	1702	1704	1707	rVV	182057	164644	5.12%	0.469%
24	12.140	1707	1709	1712	rVB	52075	39187	1.22%	0.112%
25	12.245	1724	1727	1730	rBV	378328	337775	10.51%	0.962%
26	12.275	1730	1732	1735	rVV	38976	32699	1.02%	0.093%
27	12.310	1735	1738	1740	rVV2	24035	27446	0.85%	0.078%
28	12.334	1740	1742	1743	rVV	44181	32576	1.01%	0.093%
29	12.357	1743	1746	1749	rVB	146337	119996	3.73%	0.342%
30	12.392	1749	1752	1754	rBV3	31267	31346	0.98%	0.089%
31	12.416	1754	1756	1760	rVB2	30567	26578	0.83%	0.076%
32	12.551	1775	1779	1781	rBV	163865	148250	4.61%	0.422%
33	12.581	1781	1784	1785	rVV	515338	449785	14.00%	1.280%
34	12.598	1785	1787	1792	rVB	1172091	1209023	37.62%	3.442%

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Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

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-BP090519MA.M
Title : SVOA CALIBRATION

35	12.657	1793	1797	1799	rBV	161925	146166	4.55%	0.416%
36	12.740	1807	1811	1815	rBV2	312759	360462	11.22%	1.026%
37	12.787	1815	1819	1823	rVV	1727160	1731312	53.87%	4.929%
38	12.828	1823	1826	1831	rVB	644239	536758	16.70%	1.528%
39	12.875	1831	1834	1836	rBV3	19477	19527	0.61%	0.056%
40	12.910	1837	1840	1844	rVB	89336	76492	2.38%	0.218%
41	12.957	1844	1848	1851	rBV	502102	454181	14.13%	1.293%
42	13.004	1851	1856	1859	rVV	759444	759056	23.62%	2.161%
43	13.040	1859	1862	1864	rVV	284578	234616	7.30%	0.668%
44	13.081	1864	1869	1872	rVV	1785036	1686674	52.48%	4.802%
45	13.110	1872	1874	1877	rVB	33104	25283	0.79%	0.072%
46	13.169	1880	1884	1887	rBV2	239646	315397	9.81%	0.898%
47	13.192	1887	1888	1892	rVV	126056	127337	3.96%	0.363%
48	13.228	1892	1894	1896	rVV	83658	75550	2.35%	0.215%
49	13.257	1896	1899	1902	rVV2	792454	751314	23.38%	2.139%
50	13.292	1902	1905	1909	rVV	1542079	1305995	40.64%	3.718%
51	13.345	1909	1914	1917	rVB3	85056	91463	2.85%	0.260%
52	13.398	1917	1923	1927	rVB2	156582	193868	6.03%	0.552%
53	13.451	1929	1932	1935	rBV	834266	776316	24.16%	2.210%
54	13.487	1935	1938	1939	rVV	436642	464615	14.46%	1.323%
55	13.504	1939	1941	1945	rVV	646754	529721	16.48%	1.508%
56	13.557	1947	1950	1955	rBV	231036	213856	6.65%	0.609%
57	13.604	1955	1958	1960	rBV2	88818	96910	3.02%	0.276%
58	13.622	1960	1961	1964	rVV2	93876	63821	1.99%	0.182%
59	13.675	1964	1970	1975	rVV	1044520	1406744	43.77%	4.005%
60	13.728	1977	1979	1983	rVB	74568	69602	2.17%	0.198%
61	13.781	1985	1988	1993	rVB2	72496	69685	2.17%	0.198%
62	13.828	1993	1996	2002	rVB4	43692	47890	1.49%	0.136%
63	13.887	2002	2006	2010	rBV	366407	353142	10.99%	1.005%
64	13.969	2017	2020	2023	rBV2	76399	75029	2.33%	0.214%
65	14.010	2025	2027	2032	rVV3	52258	68833	2.14%	0.196%
66	14.069	2034	2037	2041	rVB	162007	160178	4.98%	0.456%
67	14.110	2041	2044	2045	rBV2	44020	43778	1.36%	0.125%
68	14.139	2045	2049	2053	rVV	3387418	3213822	100.00%	9.149%
69	14.181	2054	2056	2060	rVB	158022	157757	4.91%	0.449%
70	14.363	2084	2087	2090	rBV2	74108	74499	2.32%	0.212%
71	14.404	2091	2094	2098	rBV2	106555	122177	3.80%	0.348%

LSC Area Percent Report

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Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

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

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Title : SVOA CALIBRATION

72	15.681	2306	2311	2318	rVB	2171729	3005872	93.53%	8.557%

Sum of corrected areas: 35127248

LSC Report - Integrated Chromatogram

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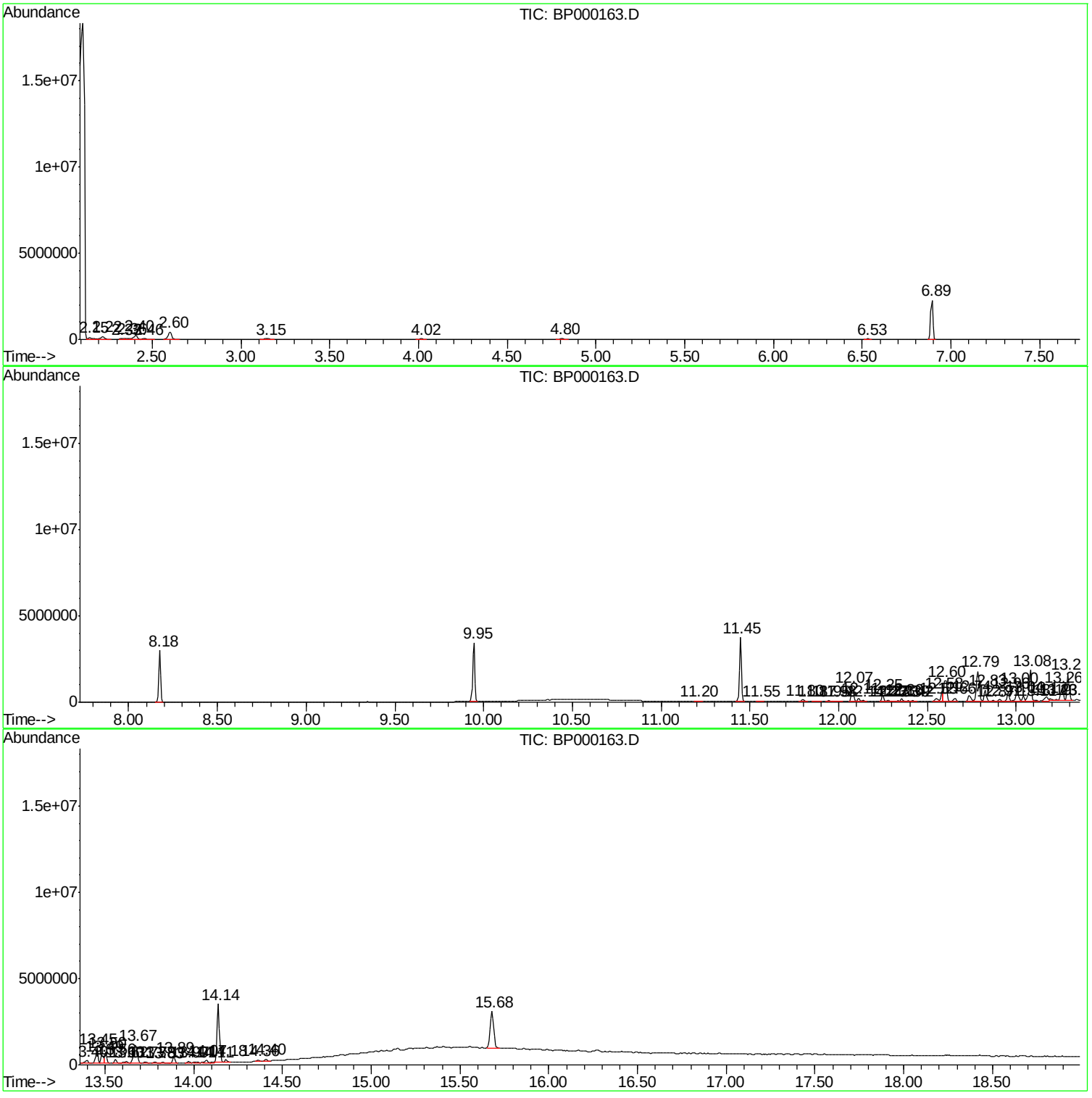
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.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\BP090919\
Data File : BP000163.D
Acq On : 10 Sep 2019 11:22
Operator : HP/JU
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

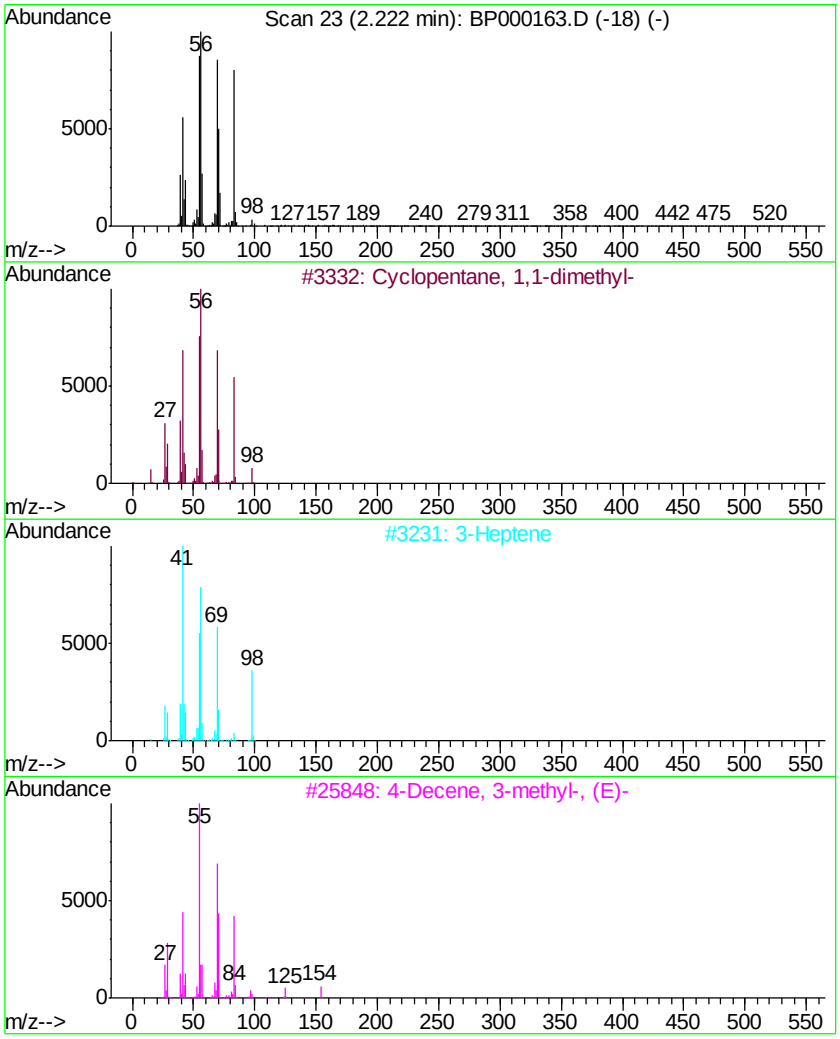
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

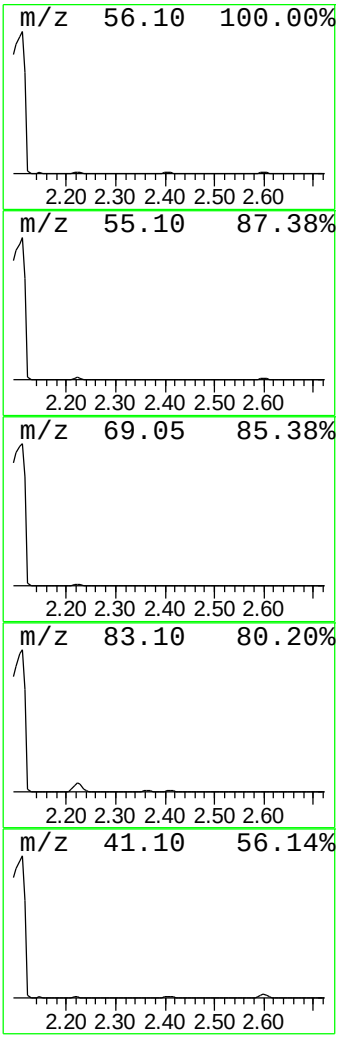
****

Peak Number 1 (DEL) Alkane: Cyclic2.22 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	2.27 ng/ul	200861	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	72
2	3-Heptene	98	C7H14	000592-78-9	52
3	4-Decene, 3-methyl-, (E)-	154	C11H22	062338-47-0	47
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	43
5	4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090919\
Data File : BP000163.D
Acq On : 10 Sep 2019 11:22
Operator : HP/JU
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

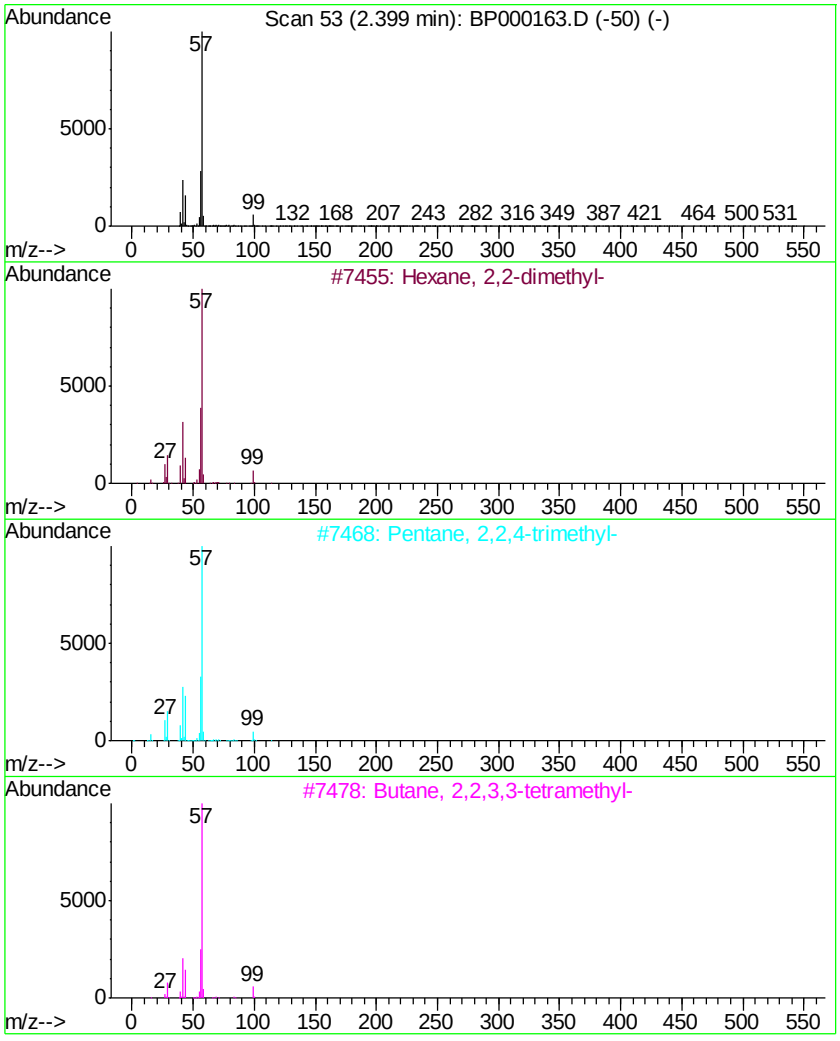
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

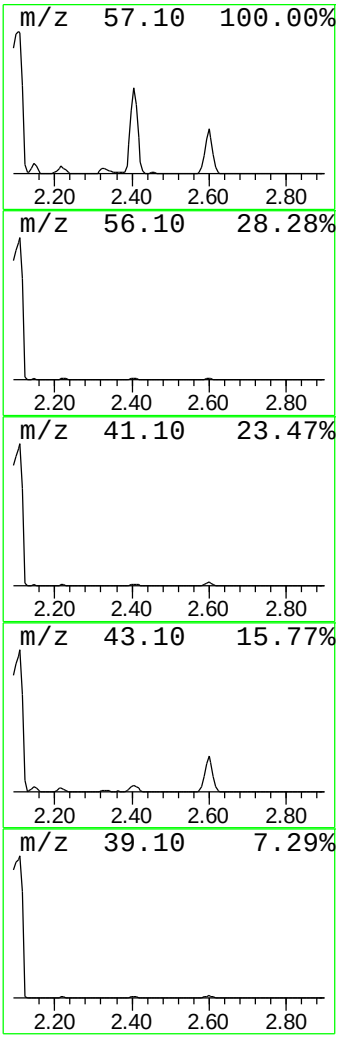
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.40	3.37 ng/ul	298723	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72





Library Search Compound Report

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Data File : BP000163.D
Acq On : 10 Sep 2019 11:22
Operator : HP/JU
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

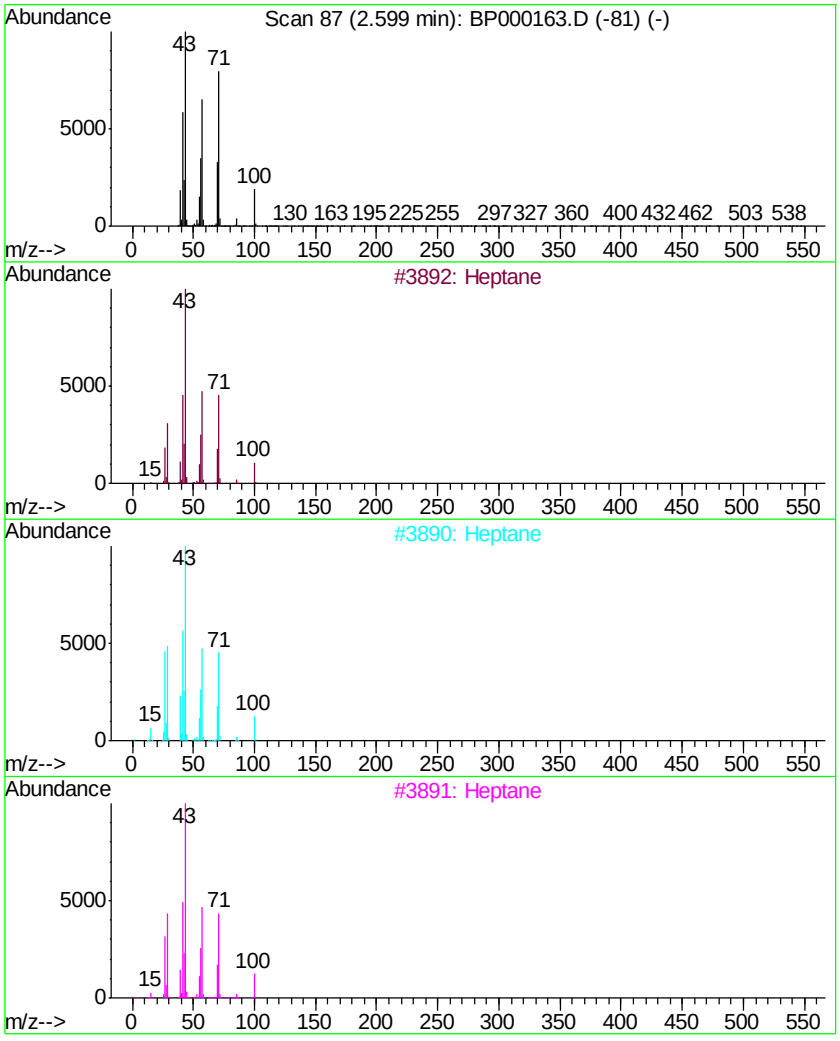
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

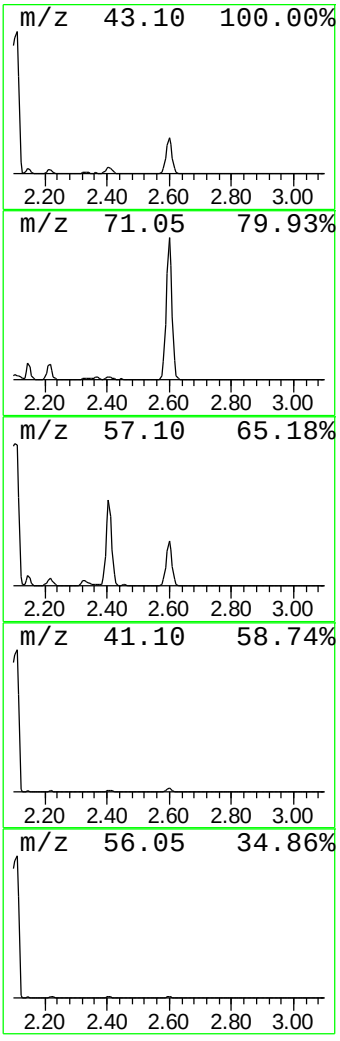
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.60	6.43 ng/ul	570029	1,4-Dichlorobenzene-d4	6.89

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	87
5	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	53





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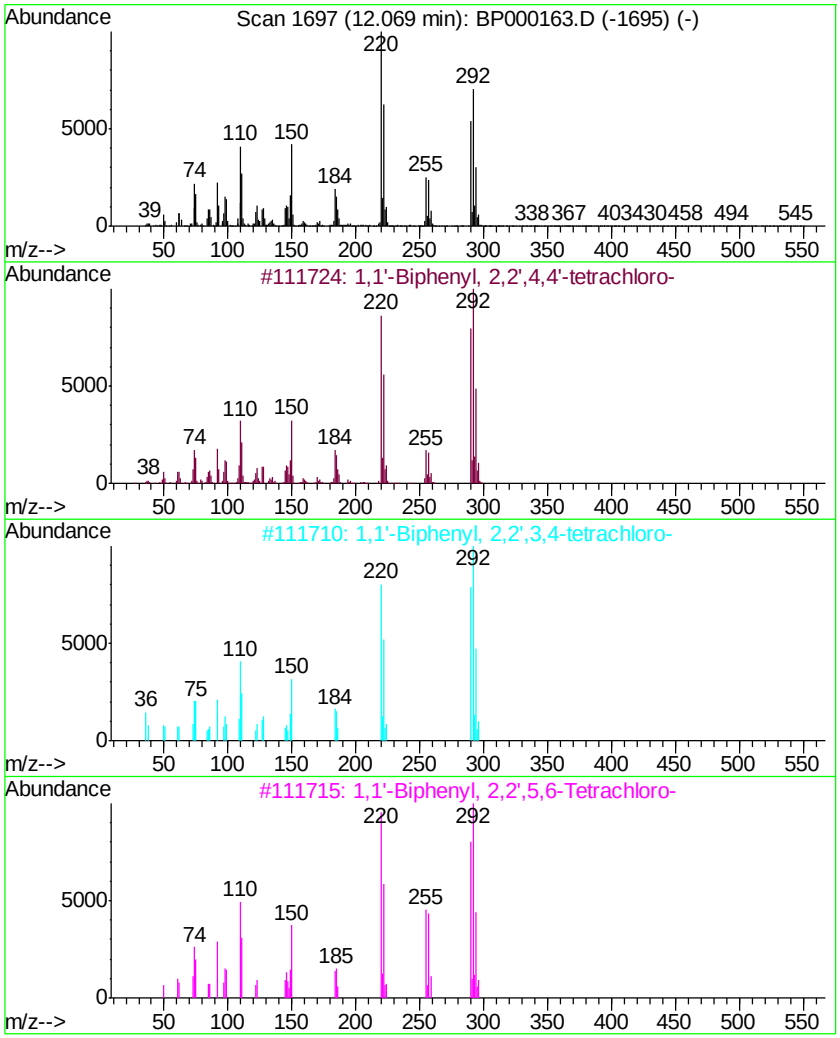
Quant Title : SVOA CALIBRATION

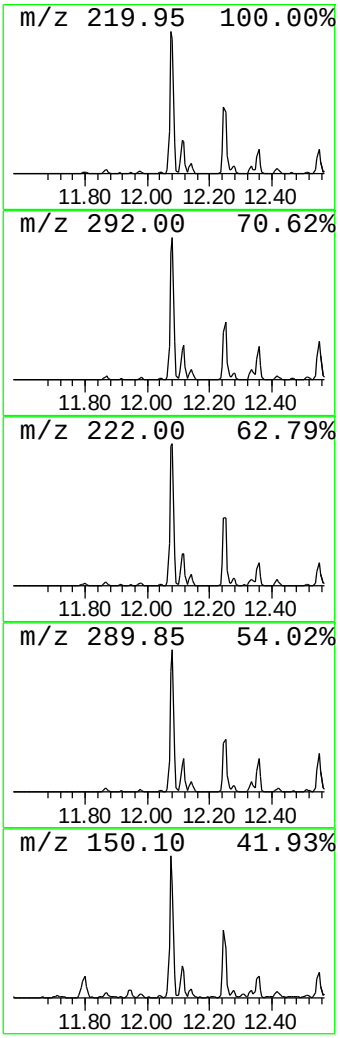
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	4.74 ng/ul	729505	Phenanthrene-d10	11.45

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',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
3	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,3',4,4'-tetrach...	290	C12H6Cl4	032598-10-0	99
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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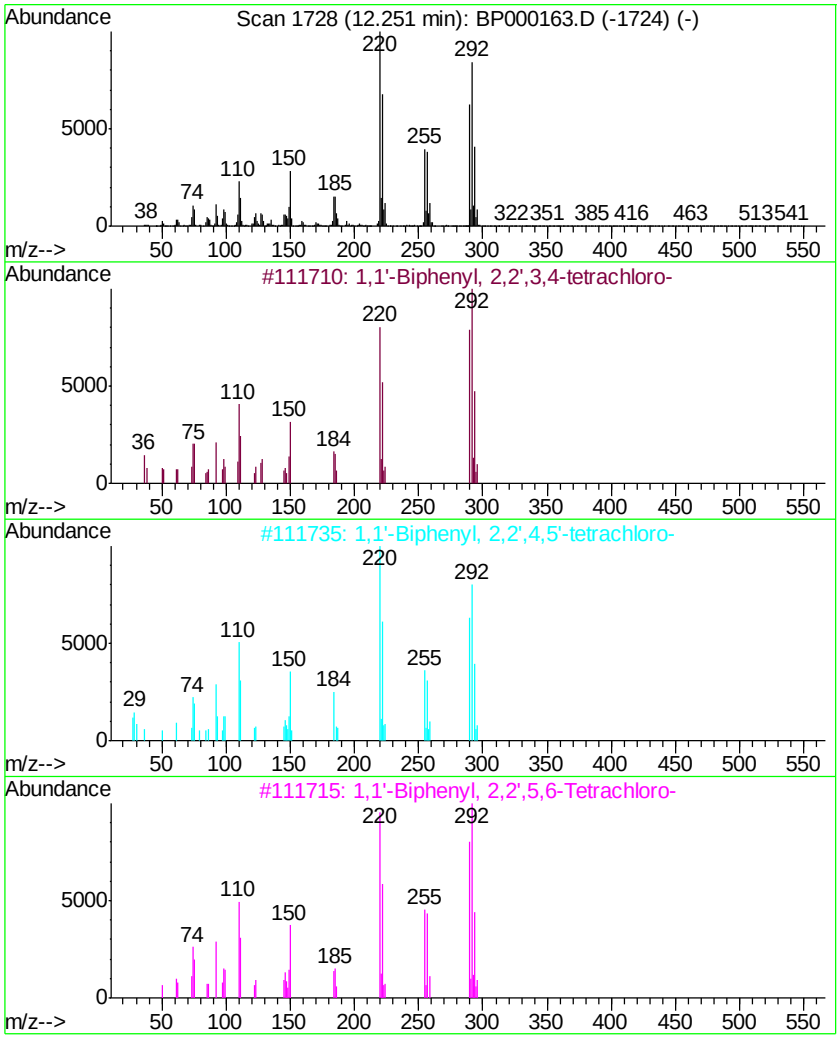
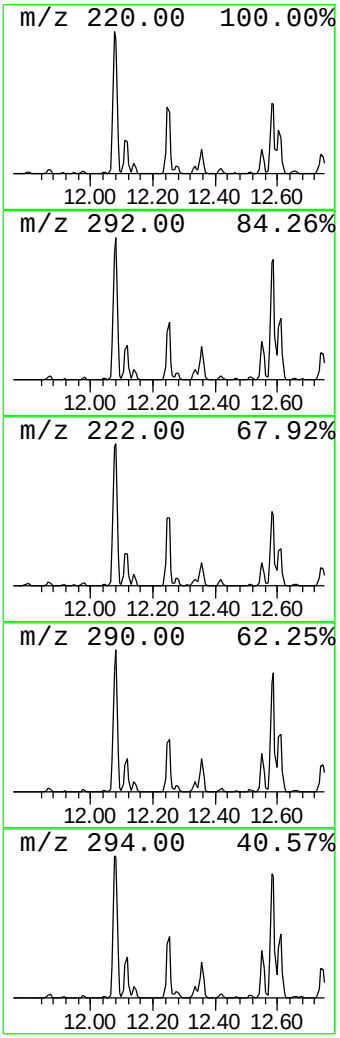
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	2.20 ng/ul	337775	Phenanthrene-d10	11.45

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, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
3	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99





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ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

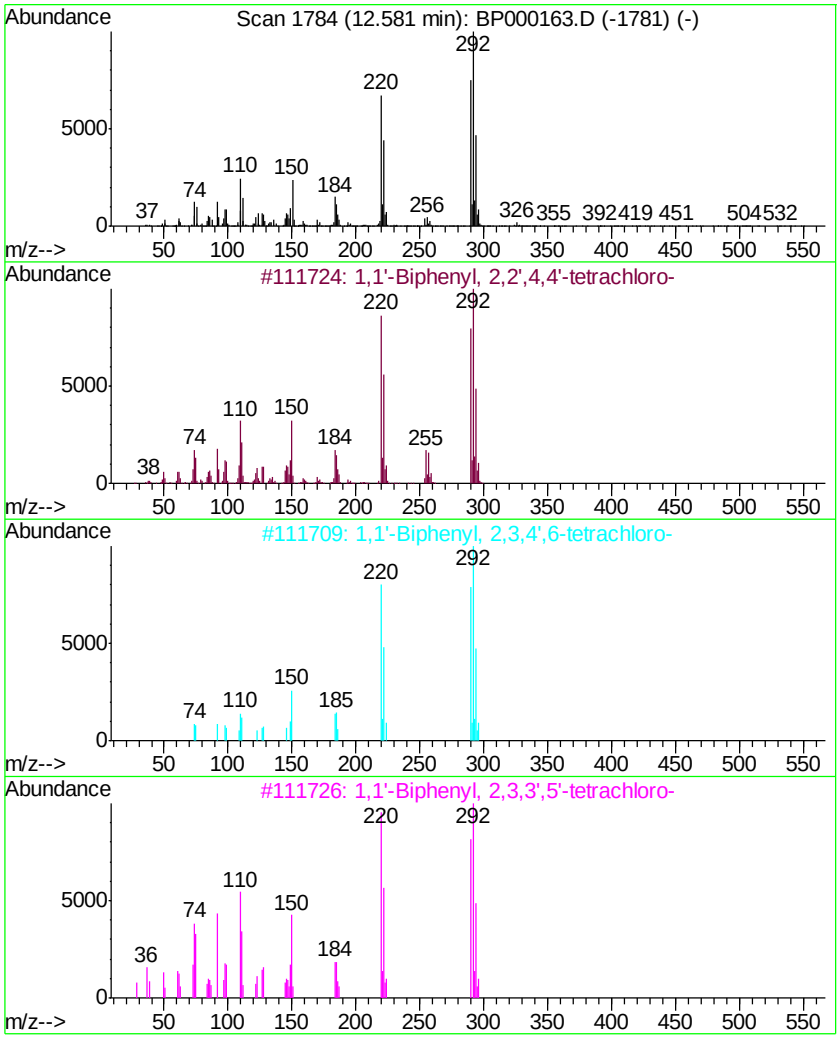
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

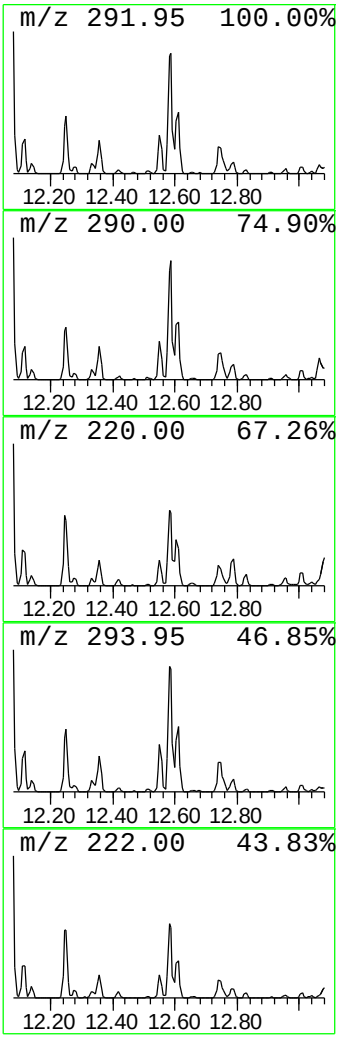
****

Peak Number 6 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	2.92 ng/ul	449785	Phenanthrene-d10	11.45

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, 2,3,4',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, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99





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Data File : BP000163.D
Acq On : 10 Sep 2019 11:22
Operator : HP/JU
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

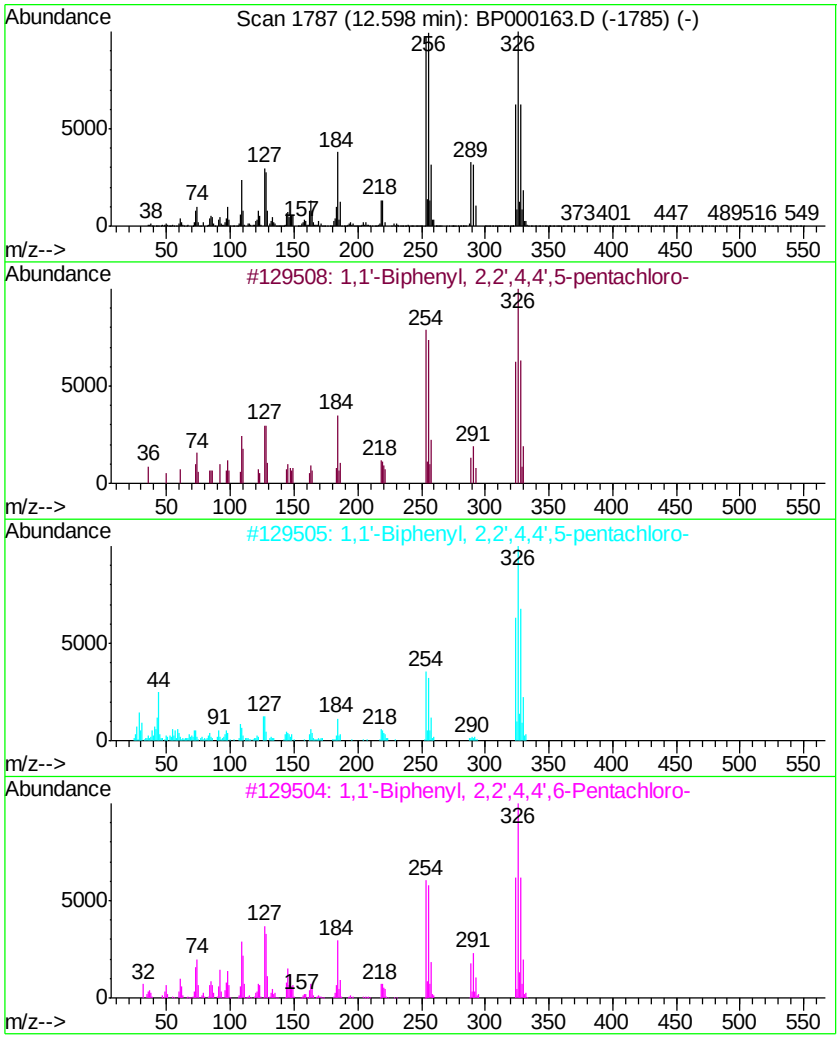
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

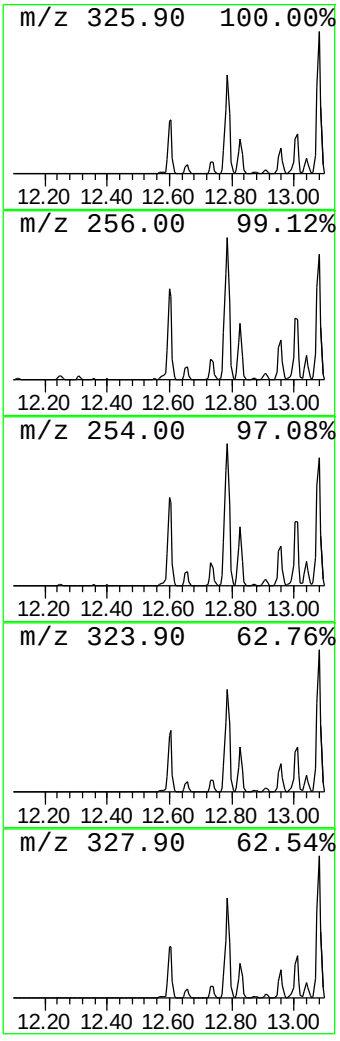
****

Peak Number 7 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	7.86 ng/ul	1209020	Phenanthrene-d10	11.45

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	98
3	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	95
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	95
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	95





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Operator : HP/JU
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

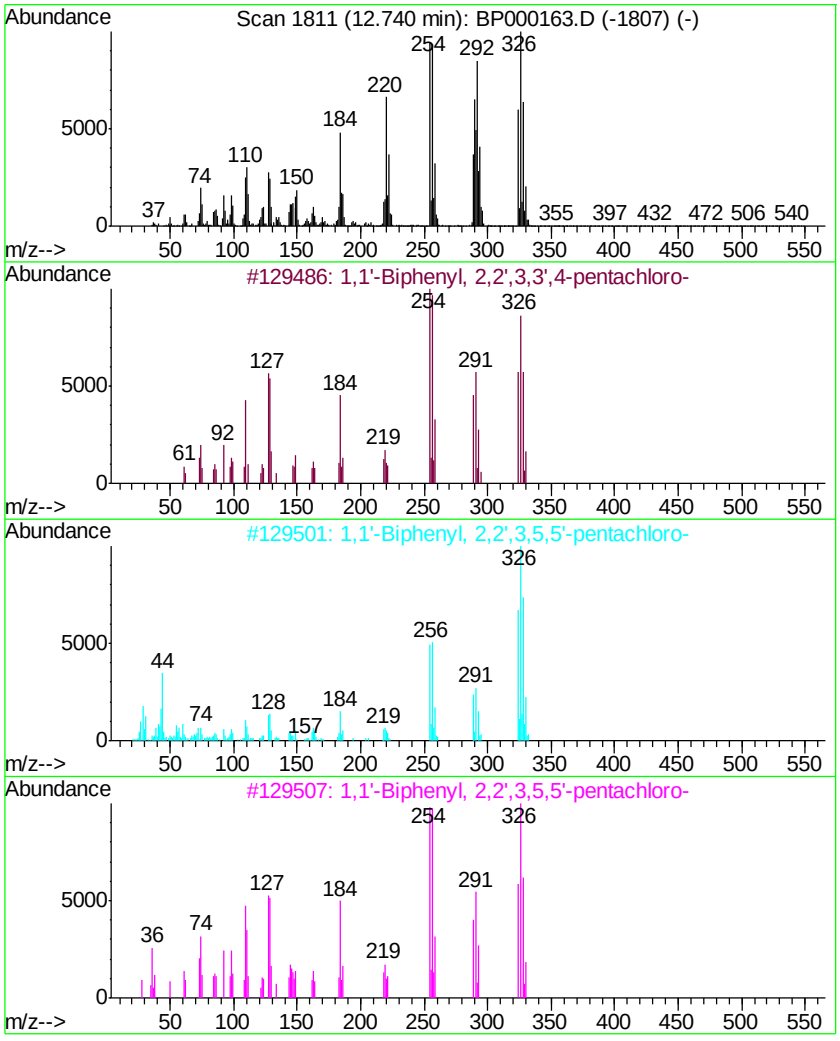
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

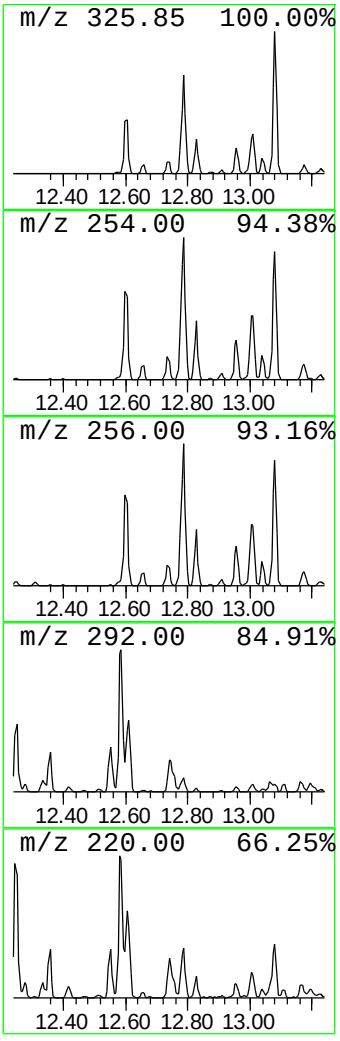
****

Peak Number 8 1,1'-Biphenyl, 2,2',3,3',4-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	2.34 ng/ul	360462	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	99
2	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	98
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	98
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	98





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Operator : HP/JU
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

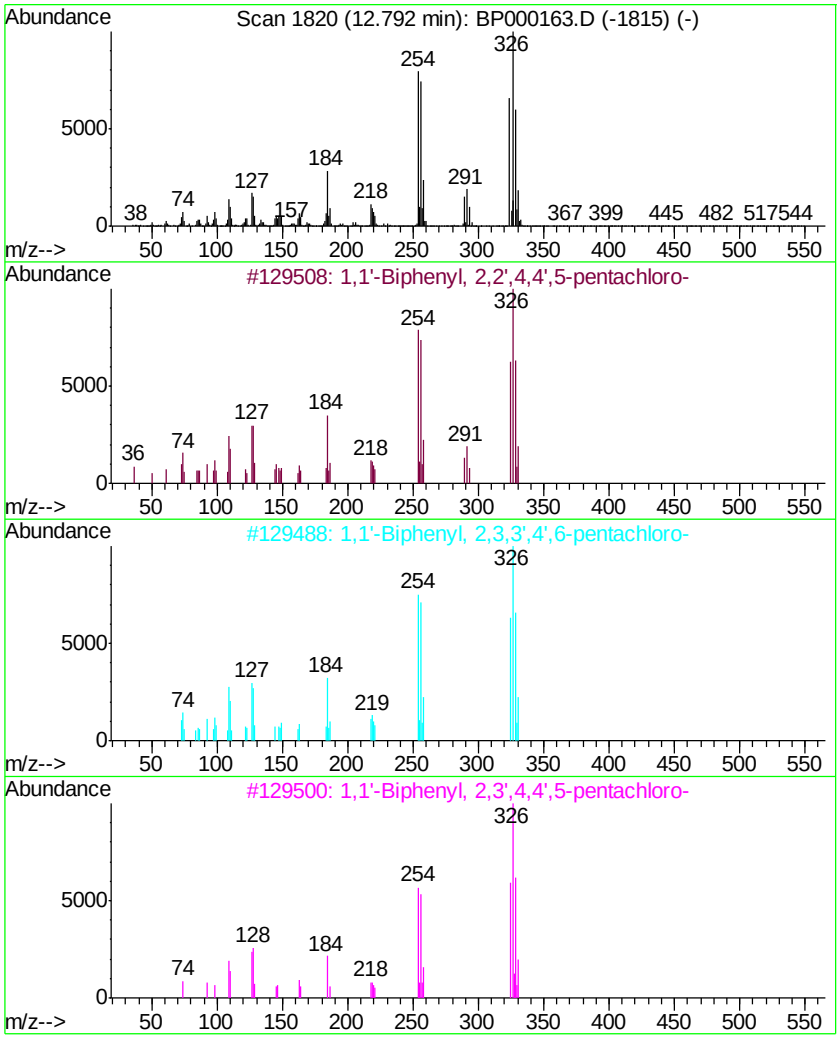
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

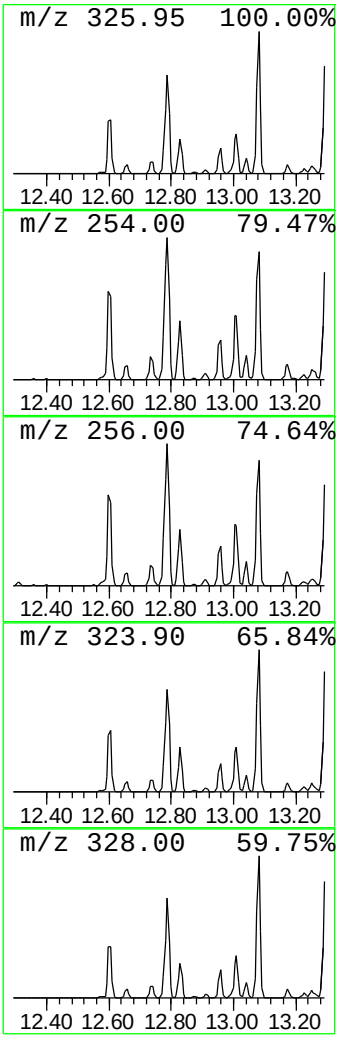
****

Peak Number 9 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	11.25 ng/ul	1731310	Phenanthrene-d10	11.45

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, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99





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Acq On : 10 Sep 2019 11:22
Operator : HP/JU
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

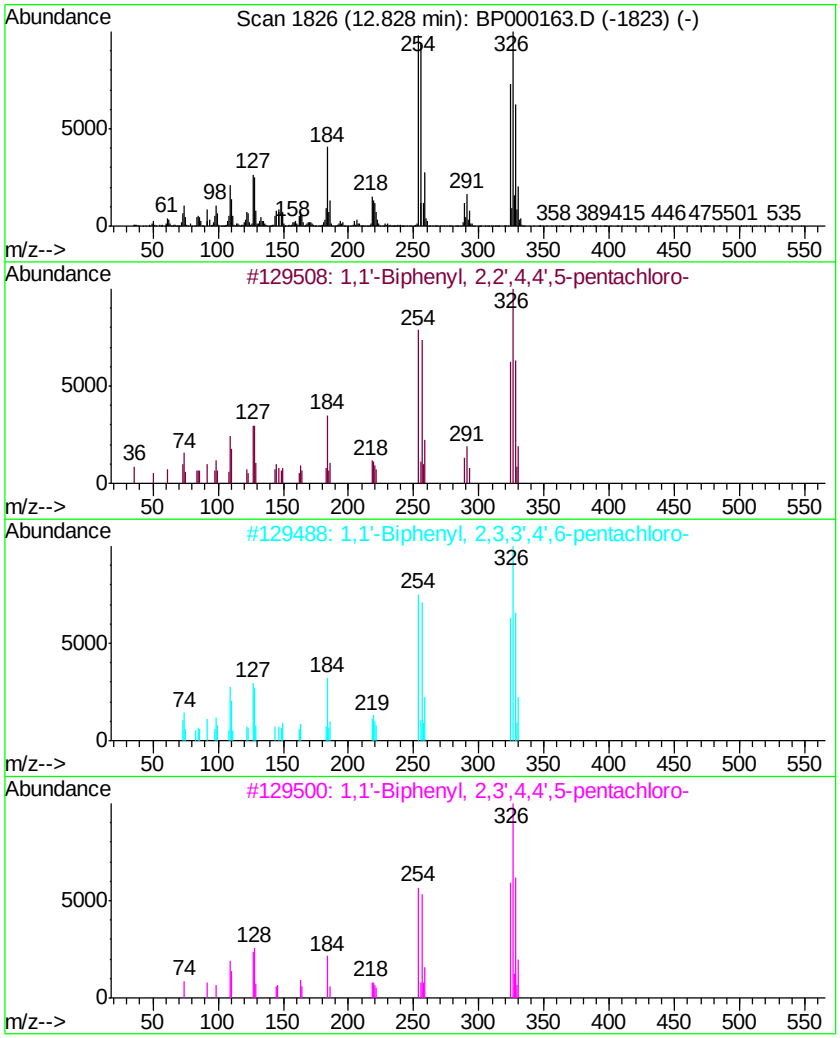
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

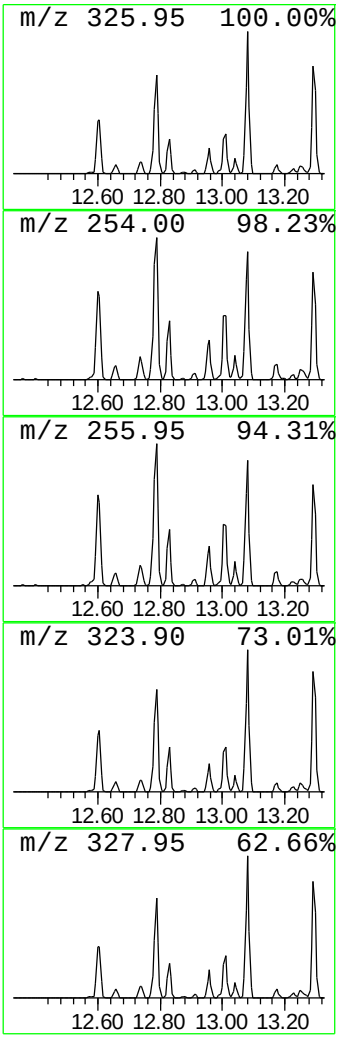
****

Peak Number 10 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	3.34 ng/ul	536758	Chrysene-d12	14.14

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, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	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, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





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Acq On : 10 Sep 2019 11:22
Operator : HP/JU
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

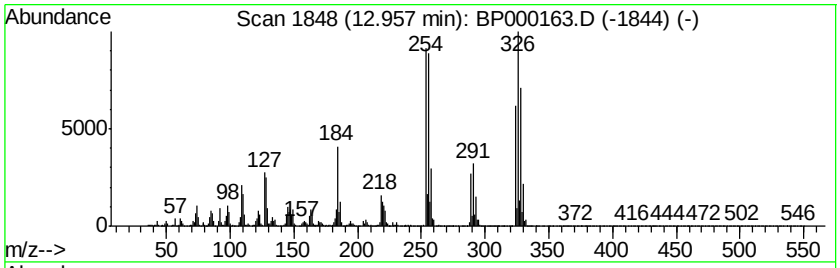
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

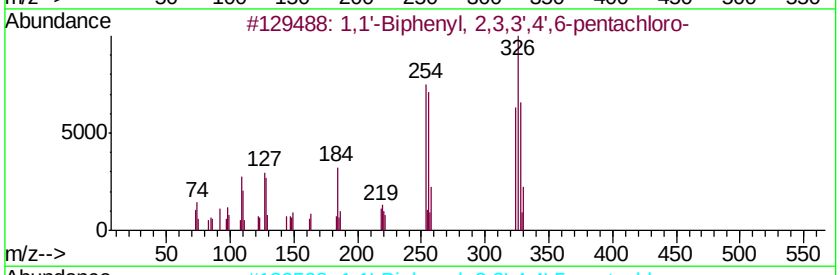
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

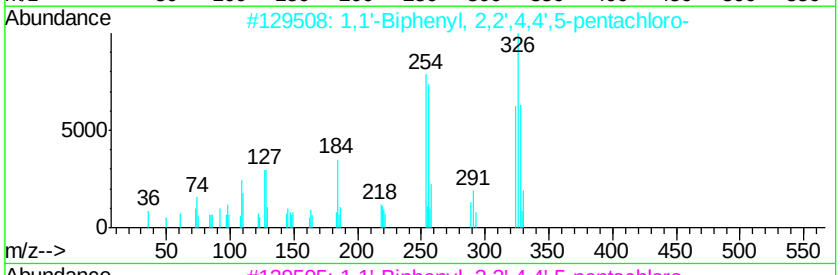
****
Peak Number 11 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 16

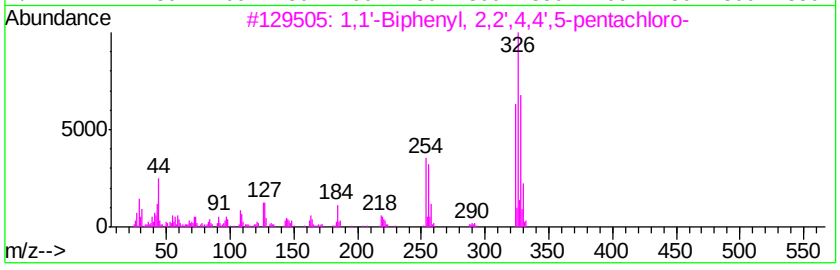
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	2.83 ng/ul	454181	Chrysene-d12	14.14

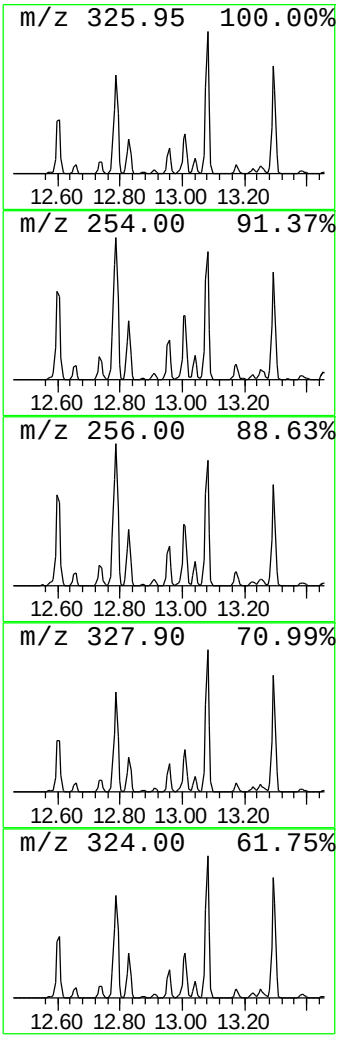
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99











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Data File : BP000163.D
Acq On : 10 Sep 2019 11:22
Operator : HP/JU
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

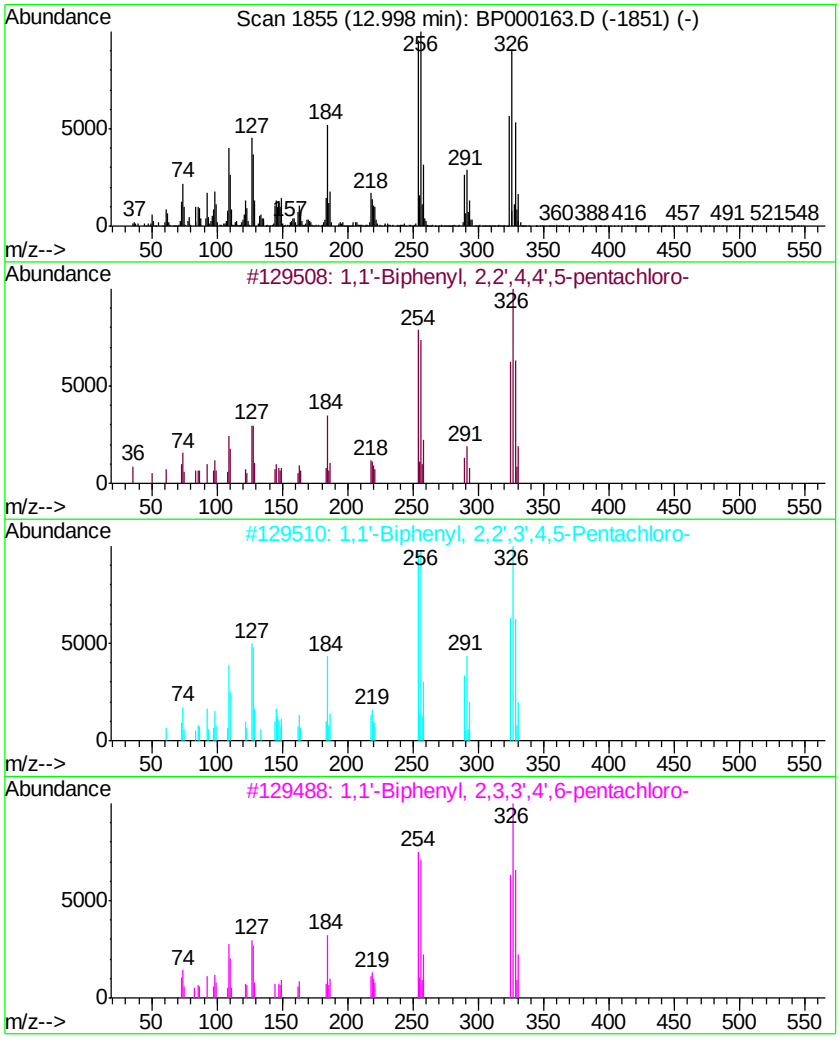
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

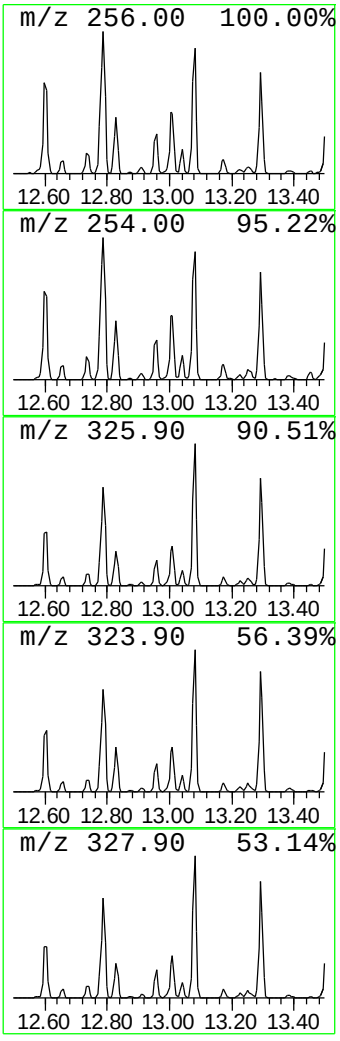
****

Peak Number 12 1,1'-Biphenyl, 2,2',3',4,5-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	4.72 ng/ul	759056	Chrysene-d12	14.14

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',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	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',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99





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Operator : HP/JU
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

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

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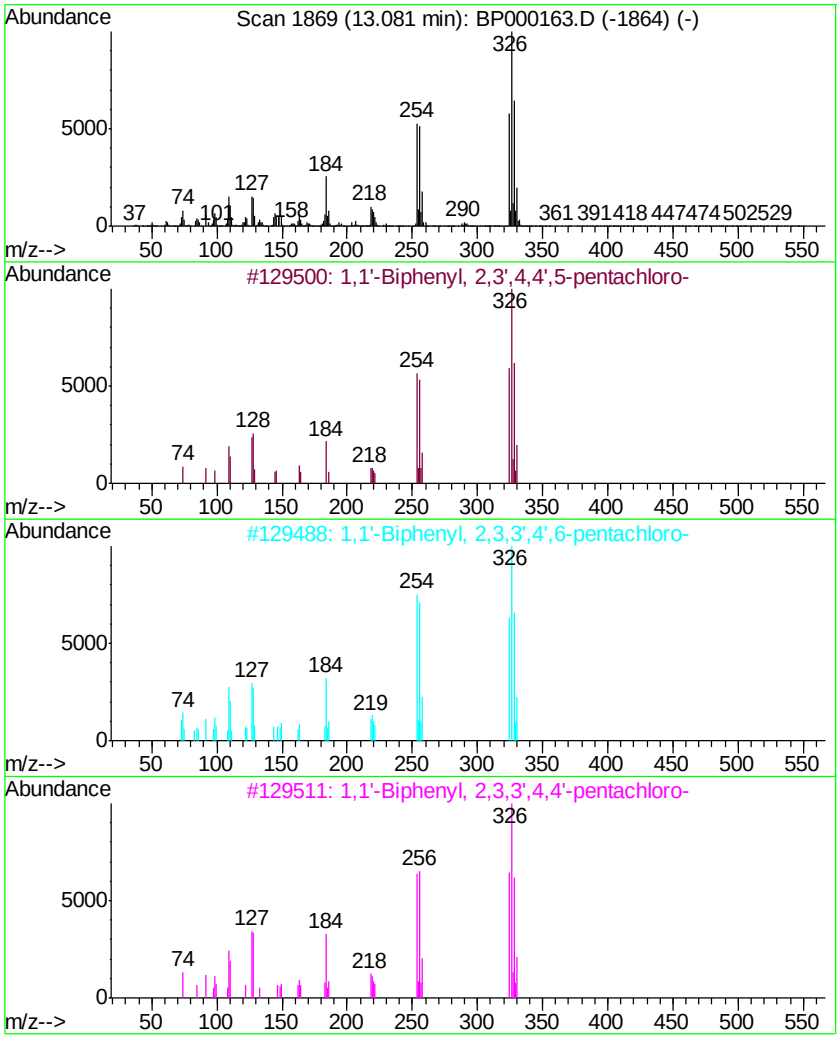
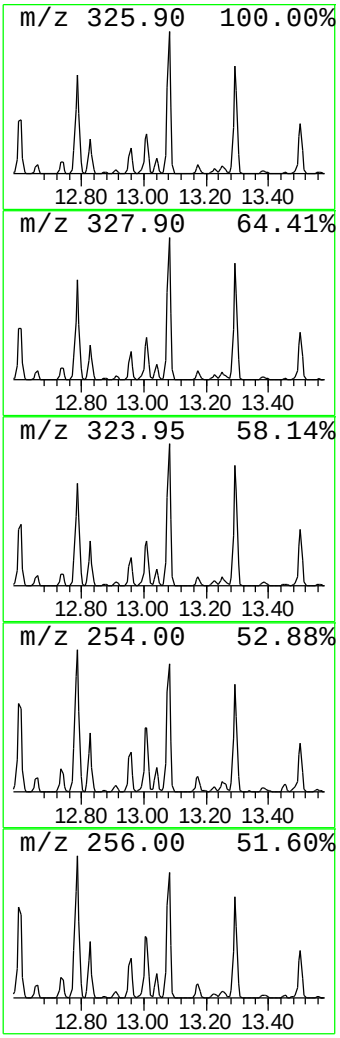
Peak Number 13 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	10.50 ng/ul	1686670	Chrysene-d12	14.14

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, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99





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Operator : HP/JU
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

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

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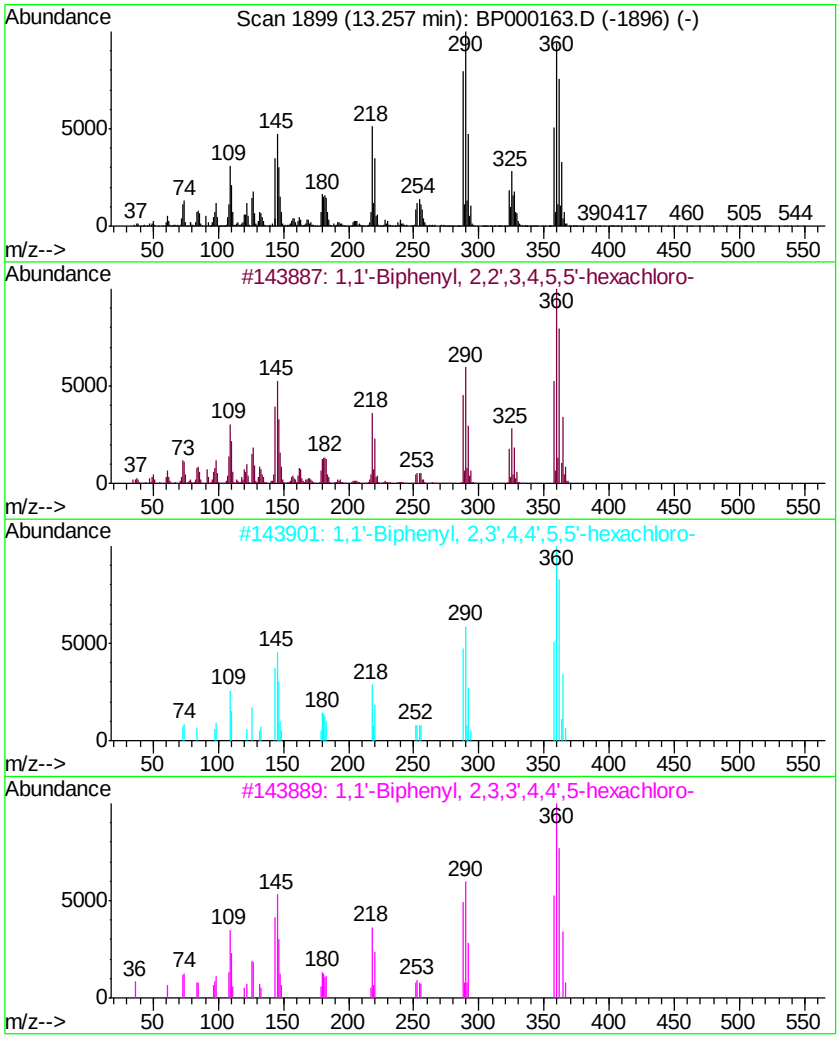
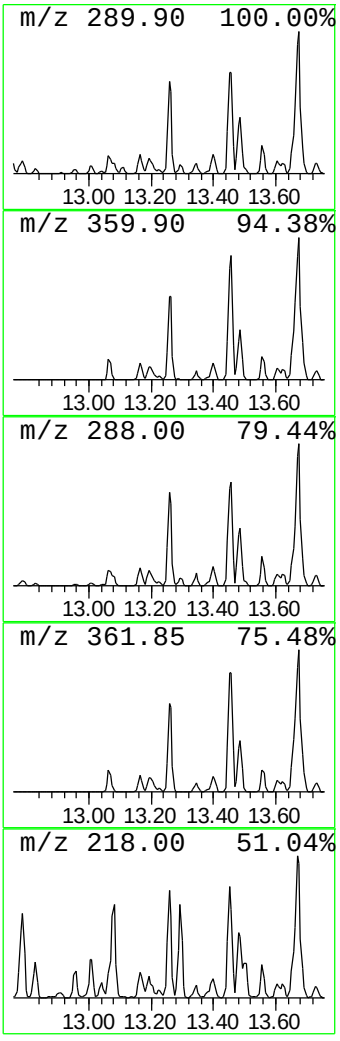
Peak Number 14 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	4.68 ng/ul	751314	Chrysene-d12	14.14

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',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
5	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99





Library Search Compound Report

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Data File : BP000163.D
Acq On : 10 Sep 2019 11:22
Operator : HP/JU
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

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

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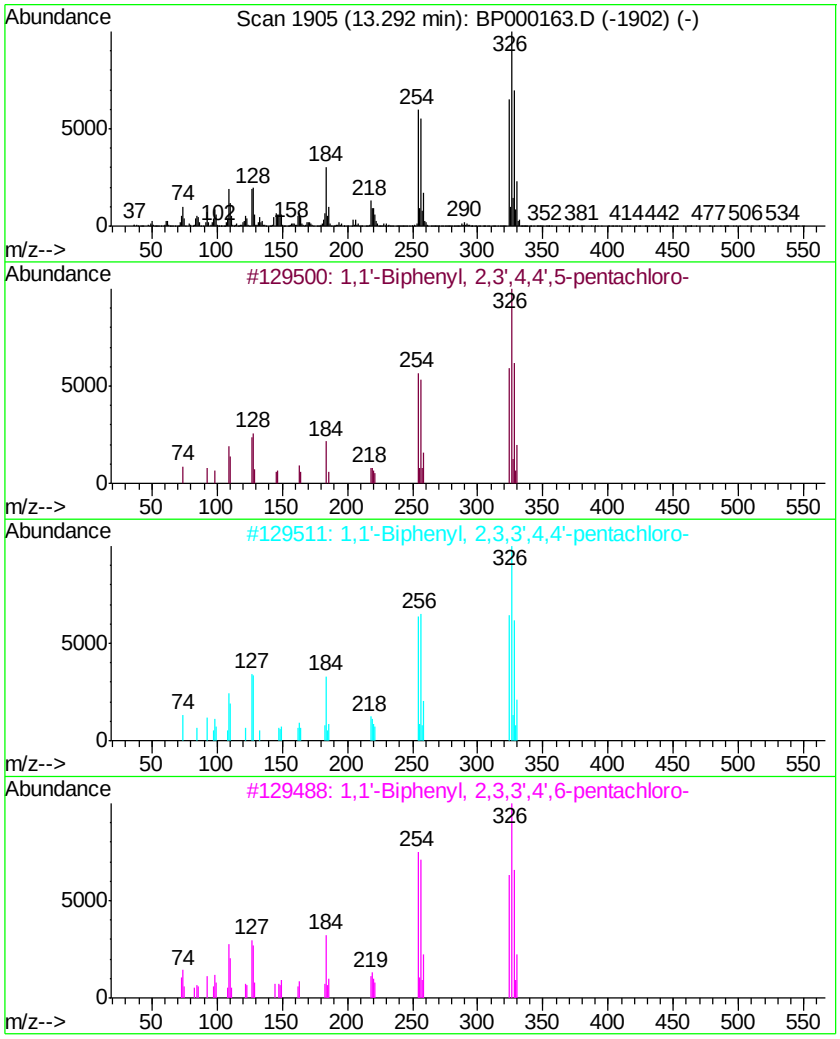
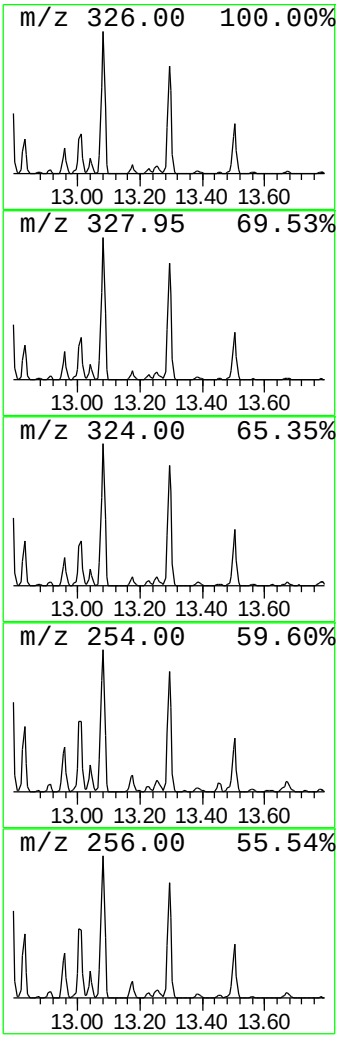
Peak Number 15 unknown-04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	8.13 ng/ul	1306000	Chrysene-d12	14.14

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',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99





Library Search Compound Report

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Data File : BP000163.D
Acq On : 10 Sep 2019 11:22
Operator : HP/JU
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

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

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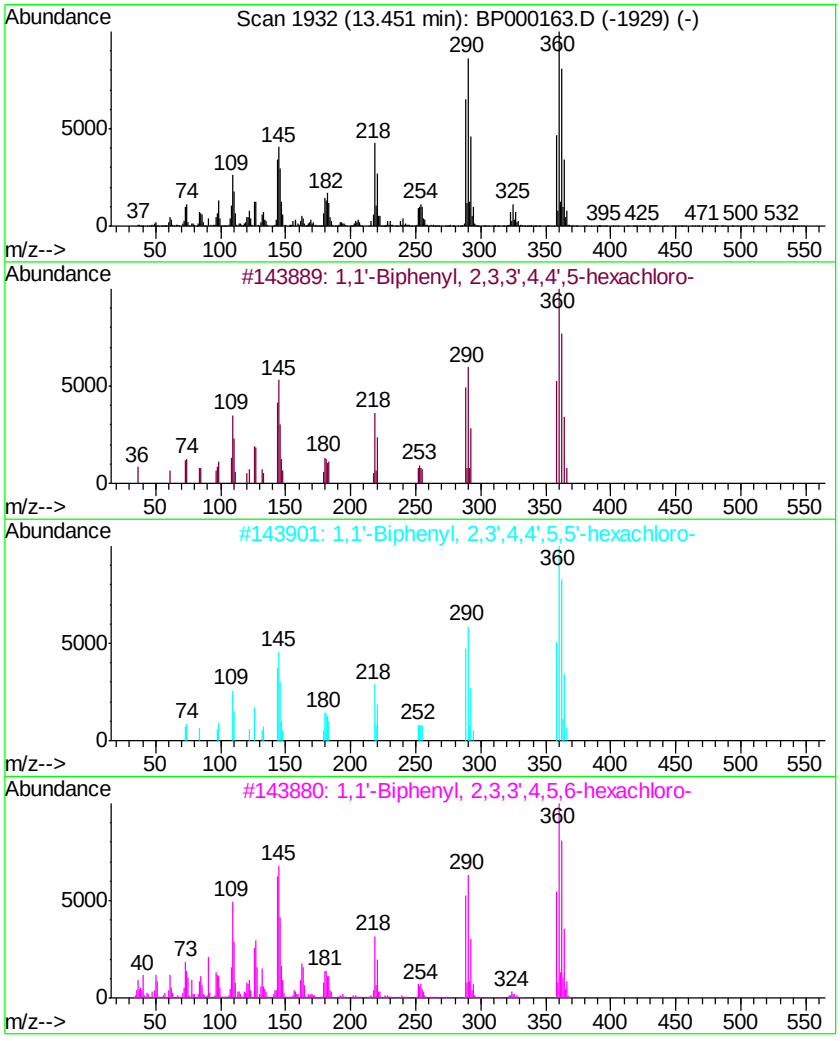
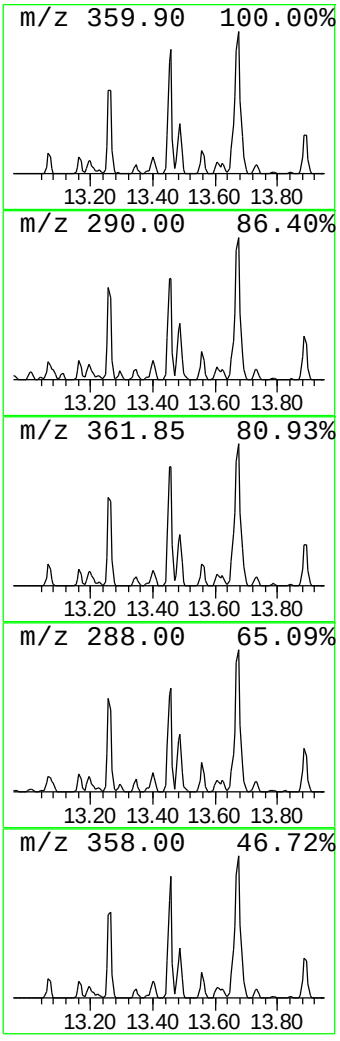
Peak Number 16 unknown-05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	4.83 ng/ul	776316	Chrysene-d12	14.14

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, 2,3',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, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99





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Data File : BP000163.D
Acq On : 10 Sep 2019 11:22
Operator : HP/JU
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

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

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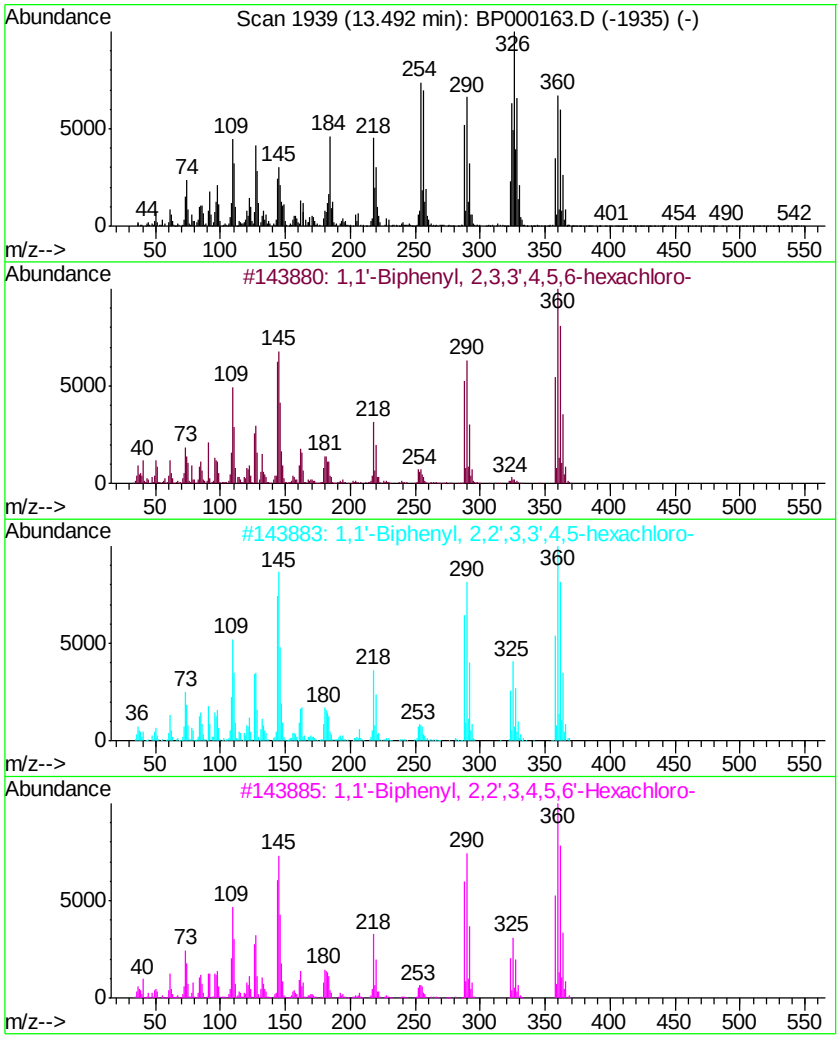
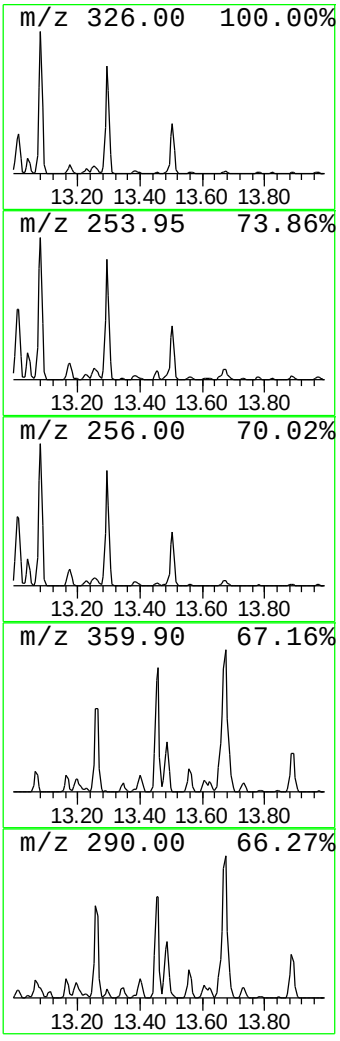
Peak Number 17 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.89 ng/ul	464615	Chrysene-d12	14.14

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',4,5-hex...	358	C12H4Cl6	055215-18-4	99
3	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
4	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090919\
Data File : BP000163.D
Acq On : 10 Sep 2019 11:22
Operator : HP/JU
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

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

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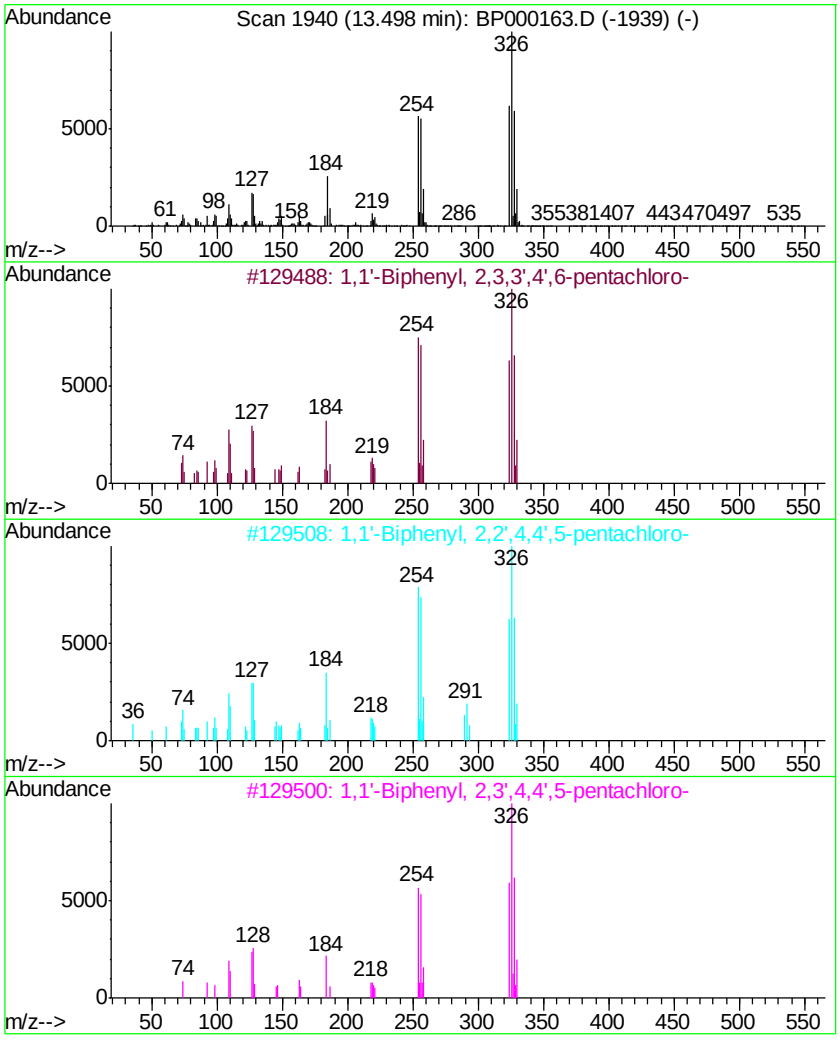
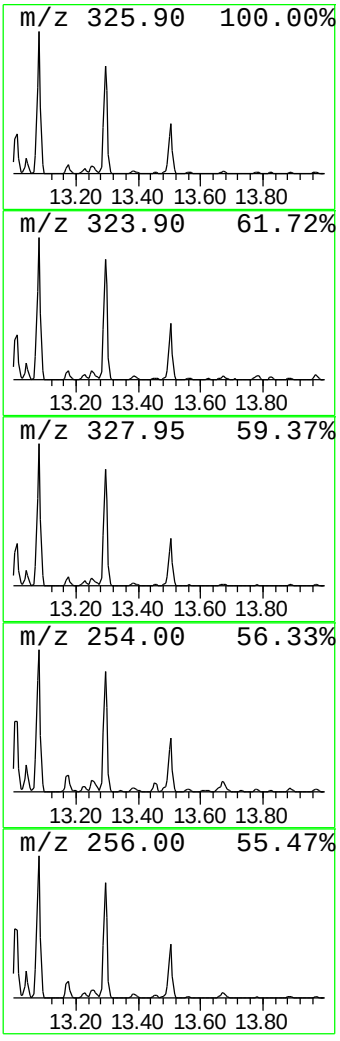
Peak Number 18 unknown-06 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	3.30 ng/ul	529721	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	96
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	94
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	94





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Data File : BP000163.D
Acq On : 10 Sep 2019 11:22
Operator : HP/JU
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

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

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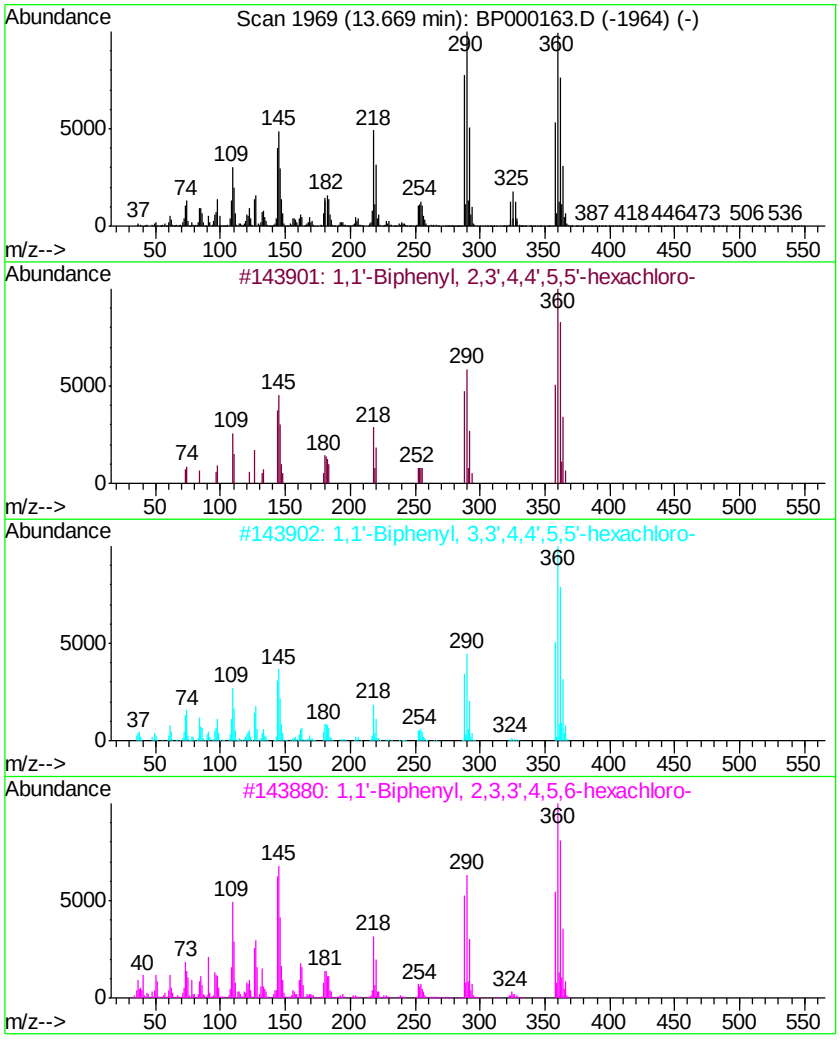
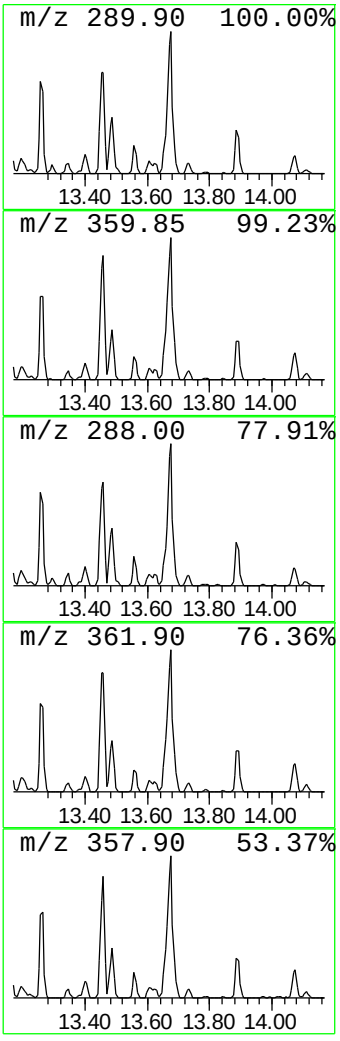
Peak Number 19 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	8.75 ng/ul	1406740	Chrysene-d12	14.14

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, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
4	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
5	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090919\
Data File : BP000163.D
Acq On : 10 Sep 2019 11:22
Operator : HP/JU
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

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

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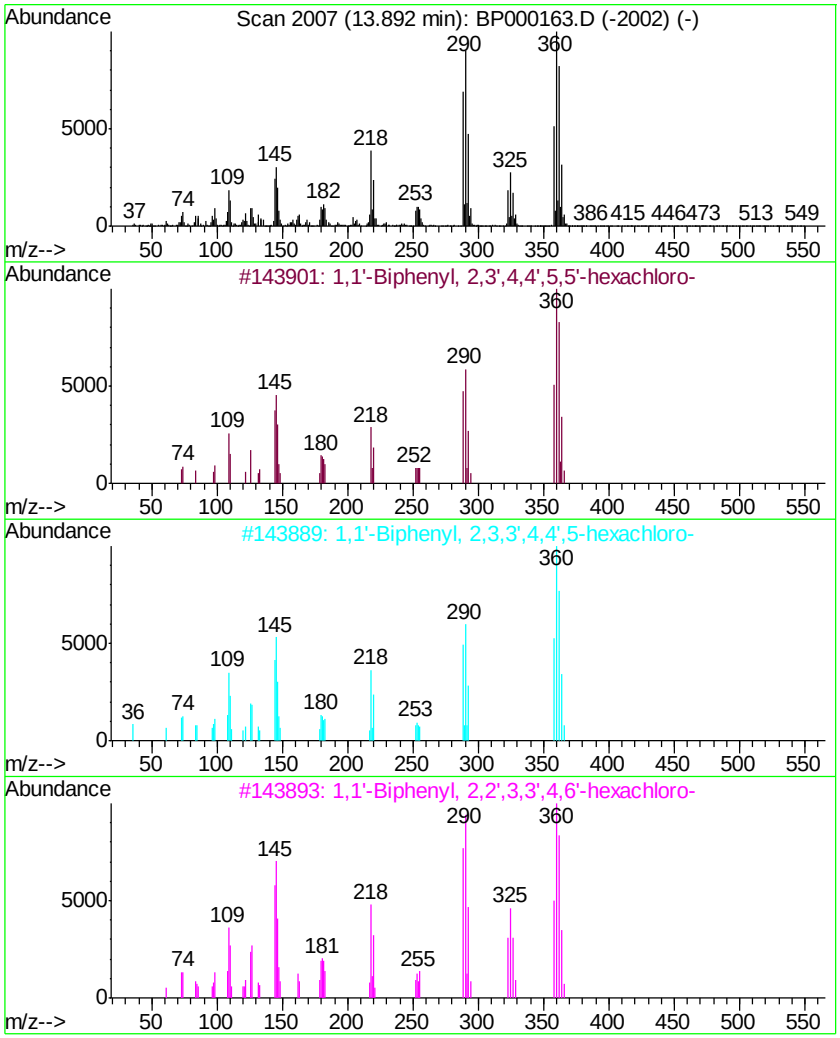
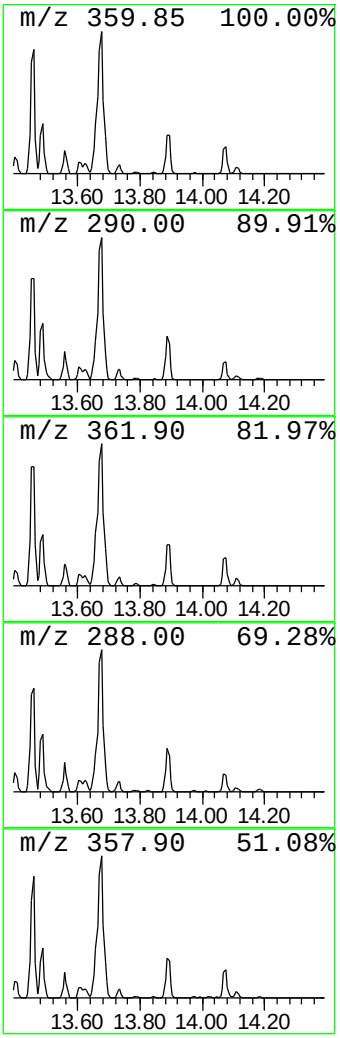
Peak Number 20 unknown-07 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.20 ng/ul	353142	Chrysene-d12	14.14

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',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	99
4	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090919\
Data File : BP000163.D
Acq On : 10 Sep 2019 11:22
Operator : HP/JU
Sample : K4727-04
Misc : GCMS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.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: Cyc...	2.22	2.3	ng/ul	200861	1	6.89	1772830	20.0
(DEL) Alkane: Str...	2.40	3.4	ng/ul	298723	1	6.89	1772830	20.0
(DEL) Alkane: Str...	2.60	6.4	ng/ul	570029	1	6.89	1772830	20.0
1,1'-Biphenyl, 2,...	12.07	4.7	ng/ul	729505	4	11.45	3077570	20.0
1,1'-Biphenyl, 2,...	12.25	2.2	ng/ul	337775	4	11.45	3077570	20.0
unknown-01	12.58	2.9	ng/ul	449785	4	11.45	3077570	20.0
1,1'-Biphenyl, 2,...	12.60	7.9	ng/ul	1209020	4	11.45	3077570	20.0
1,1'-Biphenyl, 2,...	12.74	2.3	ng/ul	360462	4	11.45	3077570	20.0
unknown-02	12.79	11.3	ng/ul	1731310	4	11.45	3077570	20.0
1,1'-Biphenyl, 2,...	12.83	3.3	ng/ul	536758	5	14.14	3213820	20.0
1,1'-Biphenyl, 2,...	12.96	2.8	ng/ul	454181	5	14.14	3213820	20.0
1,1'-Biphenyl, 2,...	13.00	4.7	ng/ul	759056	5	14.14	3213820	20.0
unknown-03	13.08	10.5	ng/ul	1686670	5	14.14	3213820	20.0
1,1'-Biphenyl, 2,...	13.26	4.7	ng/ul	751314	5	14.14	3213820	20.0
unknown-04	13.29	8.1	ng/ul	1306000	5	14.14	3213820	20.0
unknown-05	13.45	4.8	ng/ul	776316	5	14.14	3213820	20.0
1,1'-Biphenyl, 2,...	13.49	2.9	ng/ul	464615	5	14.14	3213820	20.0
unknown-06	13.50	3.3	ng/ul	529721	5	14.14	3213820	20.0
1,1'-Biphenyl, 2,...	13.67	8.8	ng/ul	1406740	5	14.14	3213820	20.0
unknown-07	13.89	2.2	ng/ul	353142	5	14.14	3213820	20.0