LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008579.D
Acq On : 15 Nov 2019 05:20
Operator : JU
Sample : K5819-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B02

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.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	3.070	11	14	17	rBV2	73542	76905	1.36%	0.128%
2	3.099	17	19	21	rVV2	34127	31697	0.56%	0.053%
3	3.123	21	23	25	rVV	52089	43307	0.76%	0.072%
4	3.158	25	29	34	rVB	1047376	1023457	18.07%	1.701%
5	3.281	47	50	53	rBV5	5193	6791	0.12%	0.011%
6	3.475	74	83	88	rVV2	68868	106955	1.89%	0.178%
7	3.840	142	145	146	rBV3	5786	6292	0.11%	0.010%
8	3.928	155	160	165	rVB2	29954	42548	0.75%	0.071%
9	4.140	193	196	198	rVB4	5952	6219	0.11%	0.010%
10	4.375	230	236	242	rBV	48255	62683	1.11%	0.104%
11	4.464	246	251	254	rVV5	4463	6687	0.12%	0.011%
12	4.564	264	268	273	rVB3	20738	26437	0.47%	0.044%
13	4.746	295	299	302	rBV5	7950	12249	0.22%	0.020%
14	5.152	364	368	373	rVV4	11362	18242	0.32%	0.030%
15	5.275	388	389	393	rBV2	6239	5745	0.10%	0.010%
16	6.834	650	654	657	rBV3	11711	15784	0.28%	0.026%
17	7.634	782	790	798	rVB	1877807	2978518	52.58%	4.949%
18	7.787	810	816	817	rBV4	4777	6266	0.11%	0.010%
19	8.169	876	881	883	rBV5	4186	7234	0.13%	0.012%
20	8.881	997	1002	1004	rBV5	4187	5905	0.10%	0.010%
21	8.999	1017	1022	1024	rVB5	3927	5783	0.10%	0.010%
22	10.110	1207	1211	1219	rBV8	6536	12238	0.22%	0.020%
23	10.193	1219	1225	1228	rBV5	4581	8673	0.15%	0.014%
24	10.393	1251	1259	1272	rBV	2360561	3939467	69.55%	6.546%
25	10.563	1282	1288	1292	rVB7	9941	19707	0.35%	0.033%
26	10.669	1302	1306	1312	rVB8	10960	18983	0.34%	0.032%
27	10.763	1318	1322	1325	rVB4	4946	7187	0.13%	0.012%
28	10.816	1327	1331	1336	rVV7	6310	12385	0.22%	0.021%
29	10.881	1338	1342	1348	rVB7	9446	16449	0.29%	0.027%
30	11.093	1374	1378	1383	rVB9	7175	12534	0.22%	0.021%
31	11.181	1389	1393	1394	rBV4	5330	6457	0.11%	0.011%
32	11.199	1394	1396	1401	rVB5	5134	6336	0.11%	0.011%
33	11.310	1413	1415	1422	rVB7	6290	13628	0.24%	0.023%
34	11.628	1467	1469	1474	rVB5	5038	6105	0.11%	0.010%

LSC Area Percent Report

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Acq On : 15 Nov 2019 05:20
Operator : JU
Sample : K5819-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B02

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Title : SVOA CALIBRATION

35	12.904	1682	1686	1690	rBV5	5643	9199	0.16%	0.015%
36	13.069	1710	1714	1718	rBV3	9375	13536	0.24%	0.022%
37	14.257	1909	1916	1924	rVB	3450101	5126474	90.50%	8.519%
38	15.151	2063	2068	2069	rBV3	5642	7027	0.12%	0.012%
39	15.557	2136	2137	2142	rVV4	6637	6249	0.11%	0.010%
40	15.645	2148	2152	2157	rVB6	3673	5936	0.10%	0.010%
41	15.740	2165	2168	2169	rBV3	6928	6773	0.12%	0.011%
42	15.998	2208	2212	2213	rBV4	6143	5993	0.11%	0.010%
43	16.045	2217	2220	2223	rVB4	6898	9137	0.16%	0.015%
44	16.451	2287	2289	2293	rBV5	4805	7319	0.13%	0.012%
45	16.504	2293	2298	2299	rBV5	5143	5913	0.10%	0.010%
46	16.528	2299	2302	2304	rBV4	6872	7378	0.13%	0.012%
47	16.581	2307	2311	2316	rVV7	15633	24293	0.43%	0.040%
48	16.698	2330	2331	2334	rBV3	8280	7925	0.14%	0.013%
49	16.781	2343	2345	2351	rVB2	19178	27088	0.48%	0.045%
50	16.998	2376	2382	2388	rBV	4071187	5664556	100.00%	9.413%
51	17.098	2395	2399	2401	rBV5	16173	20466	0.36%	0.034%
52	17.192	2411	2415	2419	rVB6	24421	36123	0.64%	0.060%
53	17.610	2480	2486	2490	rVB5	55024	90793	1.60%	0.151%
54	17.722	2502	2505	2510	rVB7	27774	38857	0.69%	0.065%
55	17.857	2524	2528	2532	rBV6	27700	36821	0.65%	0.061%
56	18.081	2560	2566	2571	rBV	1231279	1587547	28.03%	2.638%
57	18.139	2571	2576	2580	rVV	268701	345483	6.10%	0.574%
58	18.181	2580	2583	2589	rVB8	64948	80170	1.42%	0.133%
59	18.363	2609	2614	2620	rBV	500150	672533	11.87%	1.118%
60	18.410	2620	2622	2627	rVB5	33157	39699	0.70%	0.066%
61	18.504	2635	2638	2640	rBV4	39298	45823	0.81%	0.076%
62	18.539	2640	2644	2650	rVB	173708	230793	4.07%	0.384%
63	18.639	2659	2661	2666	rVB5	34398	36666	0.65%	0.061%
64	18.851	2693	2697	2701	rBV	190881	251518	4.44%	0.418%
65	18.904	2701	2706	2708	rVV	450881	646027	11.40%	1.074%
66	18.933	2708	2711	2718	rVB2	1712370	2219657	39.19%	3.688%
67	19.016	2721	2725	2730	rBV2	249455	313660	5.54%	0.521%
68	19.145	2742	2747	2754	rBV2	404510	639160	11.28%	1.062%
69	19.222	2754	2760	2766	rVV	2422747	3346215	59.07%	5.560%
70	19.286	2766	2771	2775	rVB	903510	1098572	19.39%	1.825%
71	19.410	2788	2792	2797	rVB5	121548	164682	2.91%	0.274%

LSC Area Percent Report

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Acq On : 15 Nov 2019 05:20
Operator : JU
Sample : K5819-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B02

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Title : SVOA CALIBRATION

72	19.481	2799	2804	2810	rVV	690720	856403	15.12%	1.423%
73	19.557	2810	2817	2822	rBV	1111404	1459564	25.77%	2.425%
74	19.610	2822	2826	2829	rVV	374418	468314	8.27%	0.778%
75	19.669	2829	2836	2841	rVB	2324309	3112792	54.95%	5.173%
76	19.810	2853	2860	2863	rBV3	284635	587164	10.37%	0.976%
77	19.886	2870	2873	2875	rVB2	95453	89238	1.58%	0.148%
78	19.933	2875	2881	2885	rBV2	1028783	1288546	22.75%	2.141%
79	19.980	2885	2889	2895	rVB	2136615	2517184	44.44%	4.183%
80	20.063	2899	2903	2906	rVB3	124290	143382	2.53%	0.238%
81	20.133	2909	2915	2920	rBV5	187557	327614	5.78%	0.544%
82	20.216	2924	2929	2933	rBV	1160474	1432636	25.29%	2.381%
83	20.263	2933	2937	2939	rBV2	604743	783769	13.84%	1.302%
84	20.286	2939	2941	2946	rVB	874153	1008642	17.81%	1.676%
85	20.369	2951	2955	2962	rVB4	265383	333228	5.88%	0.554%
86	20.433	2963	2966	2969	rBV3	121693	173664	3.07%	0.289%
87	20.528	2974	2982	2990	rVV	1503076	2521861	44.52%	4.191%
88	20.616	2994	2997	3001	rVB4	116389	150048	2.65%	0.249%
89	20.680	3006	3008	3013	rVB5	86567	102288	1.81%	0.170%
90	20.833	3030	3034	3039	rBV	511399	617571	10.90%	1.026%
91	20.951	3051	3054	3058	rBV4	144873	192110	3.39%	0.319%
92	21.086	3074	3077	3082	rVB3	230082	255857	4.52%	0.425%
93	21.192	3090	3095	3100	rBV	4075565	5102998	90.09%	8.480%
94	21.239	3100	3103	3107	rVB2	198819	232247	4.10%	0.386%
95	23.369	3460	3465	3473	rVB2	2736884	4970255	87.74%	8.259%

Sum of corrected areas: 60179289

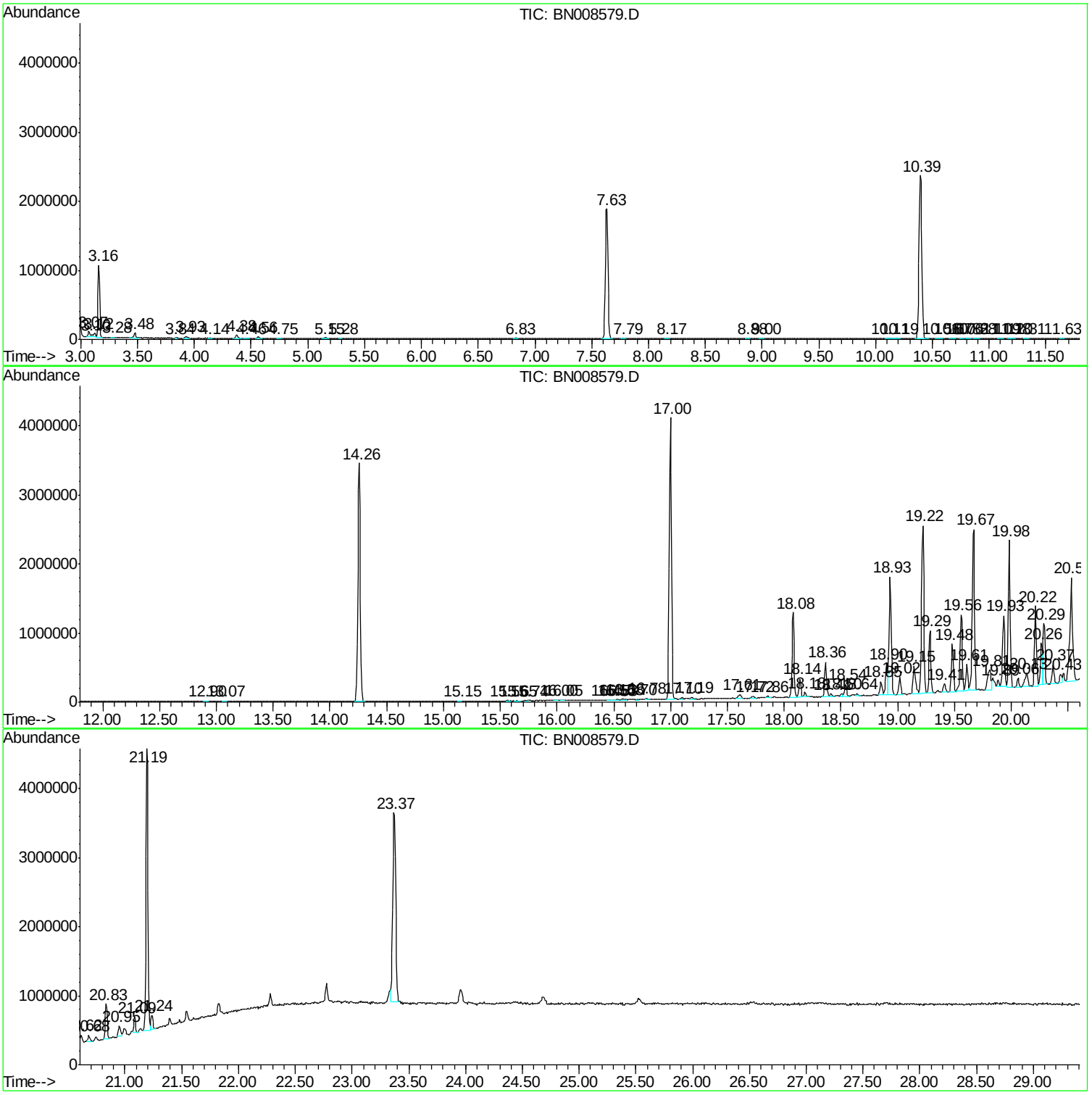
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008579.D
Acq On : 15 Nov 2019 05:20
Operator : JU
Sample : K5819-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008579.D
Acq On : 15 Nov 2019 05:20
Operator : JU
Sample : K5819-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B02

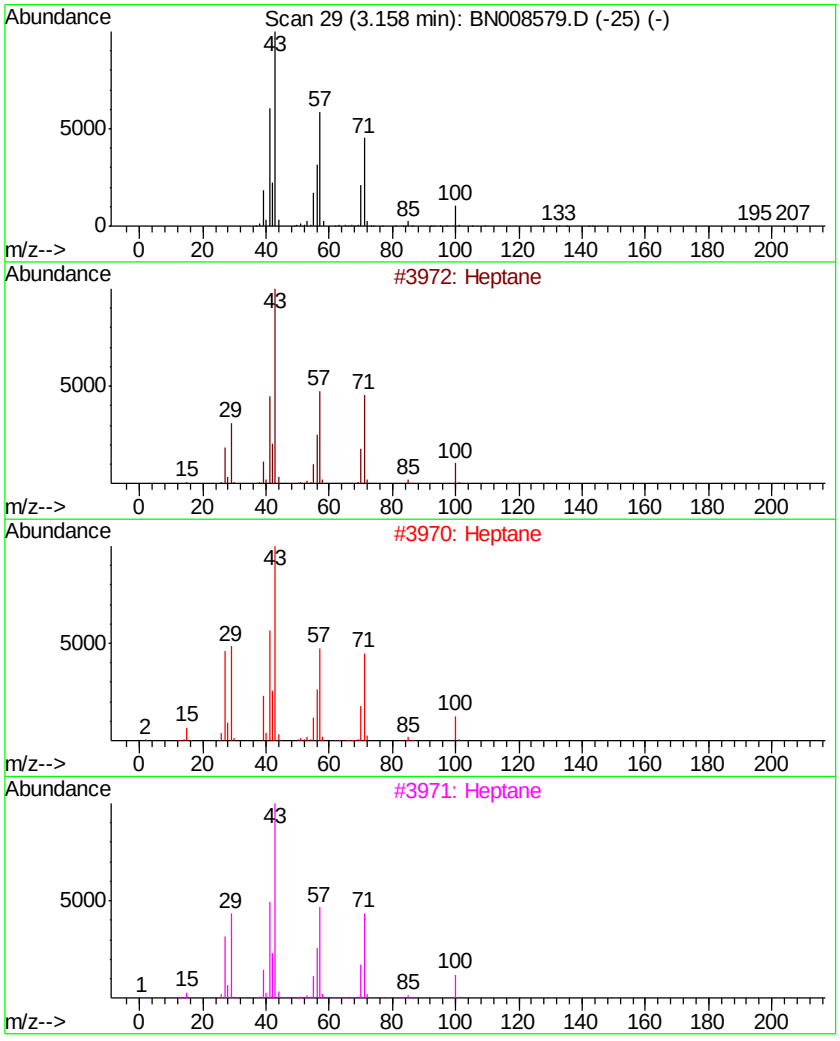
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

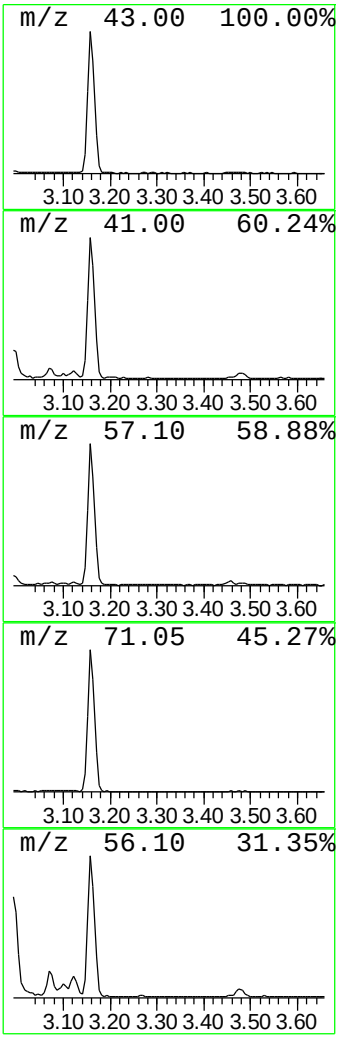
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	6.87 ng/ul	1023460	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	72
5	Octane	114	C8H18	000111-65-9	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008579.D
Acq On : 15 Nov 2019 05:20
Operator : JU
Sample : K5819-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

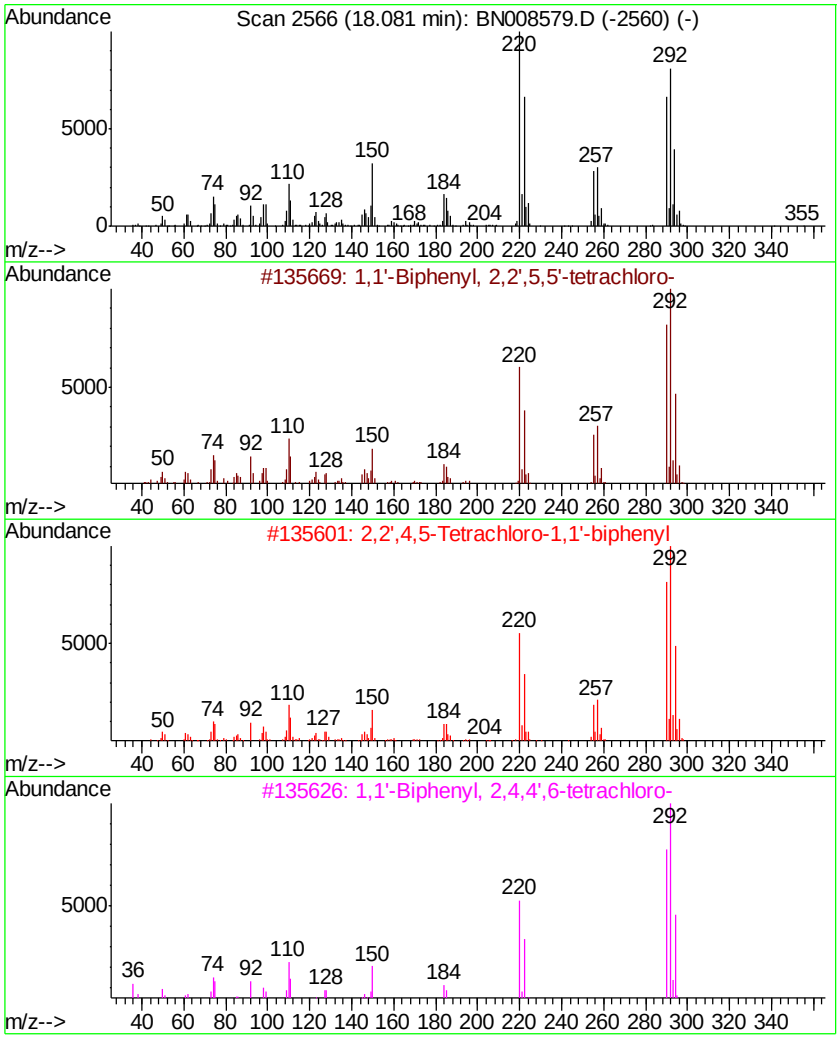
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

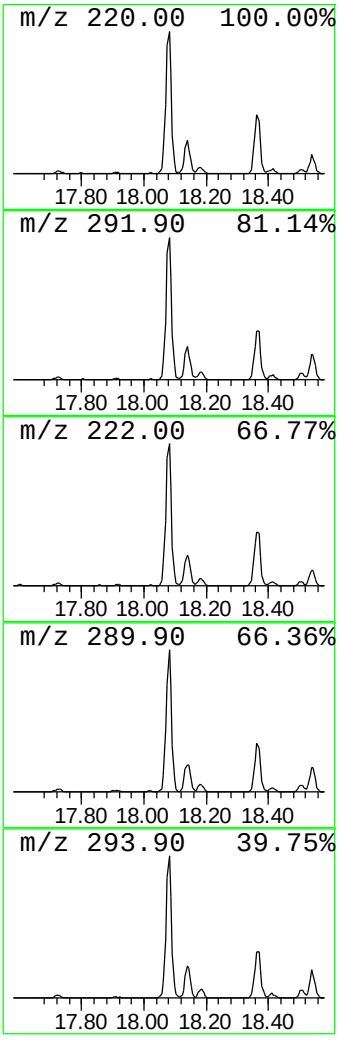
****

Peak Number 2 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	5.61 ng/ul	1587550	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99
4	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





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Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

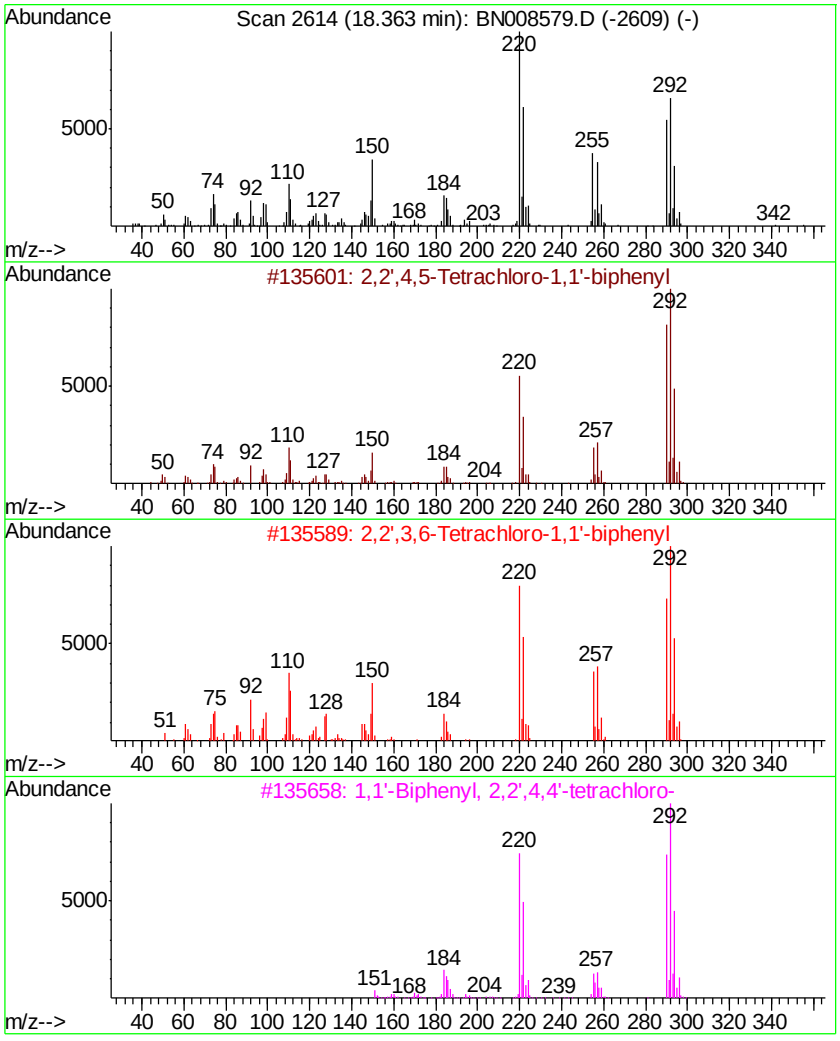
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

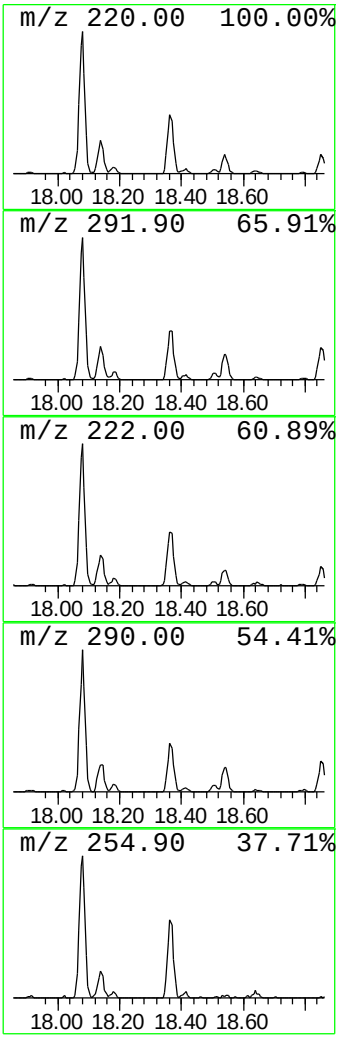
****

Peak Number 3 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.37 ng/ul	672533	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





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Acq On : 15 Nov 2019 05:20
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Sample : K5819-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B02

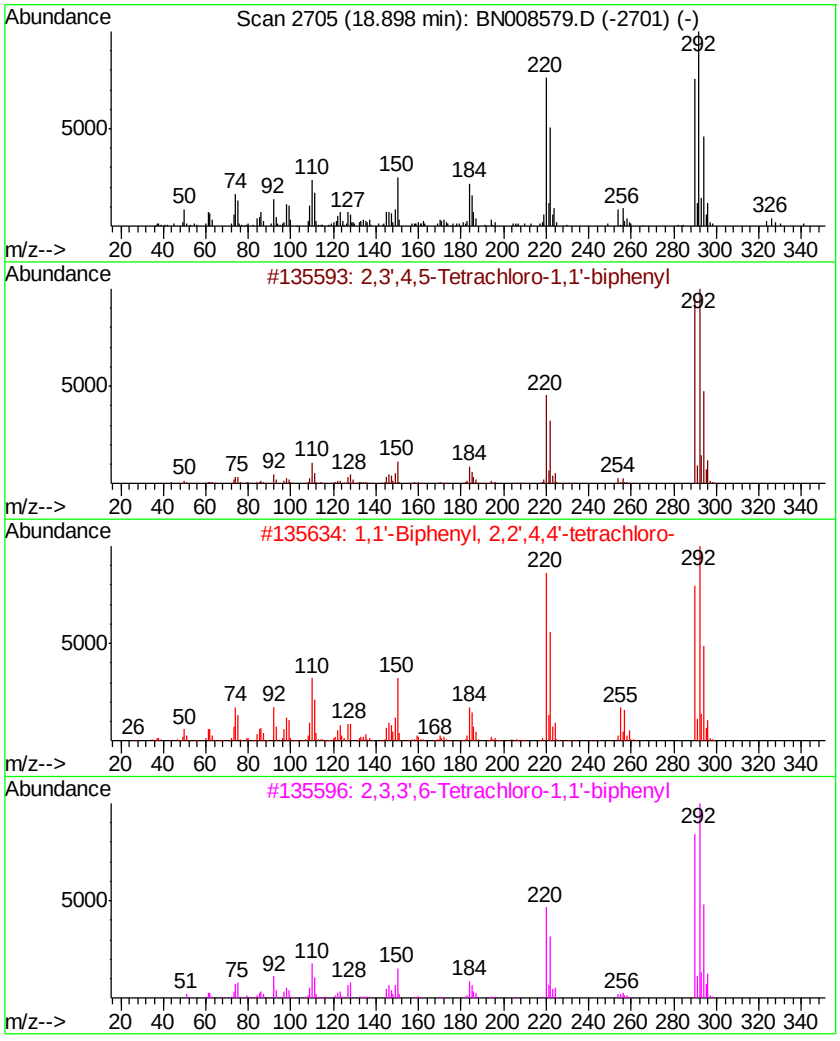
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

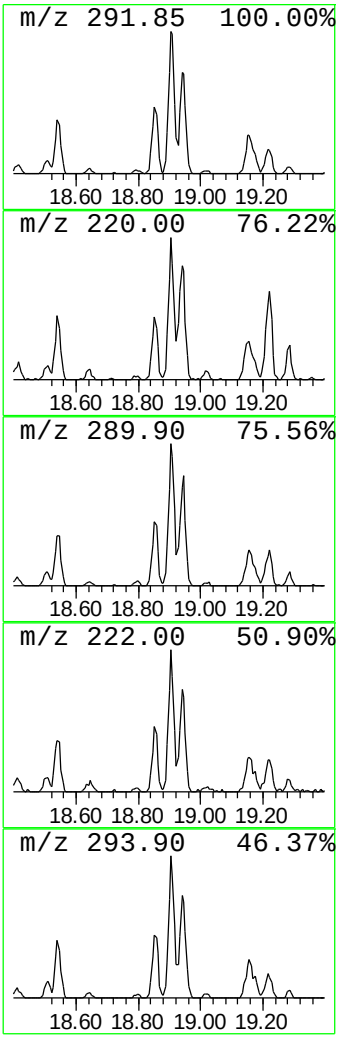
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	2.28 ng/ul	646027	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008579.D
Acq On : 15 Nov 2019 05:20
Operator : JU
Sample : K5819-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B02

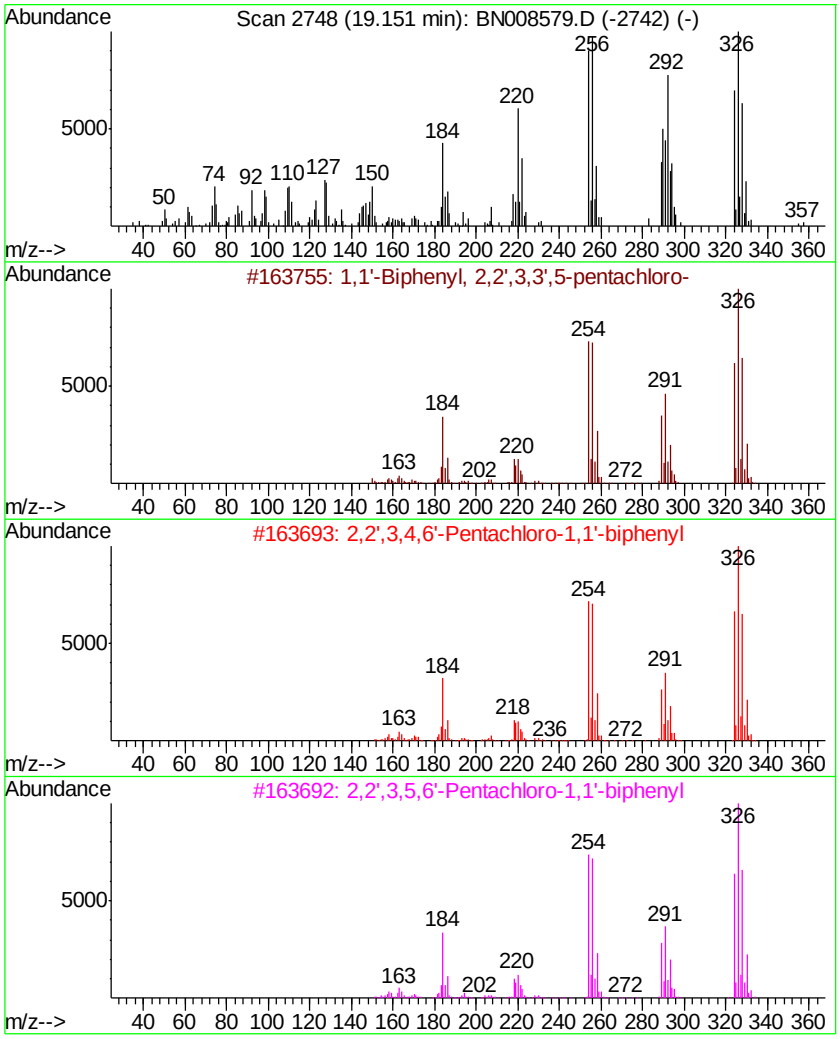
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

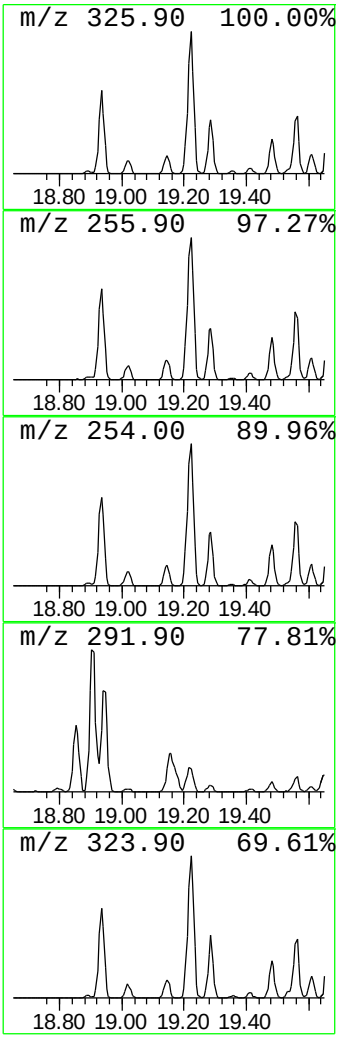
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	2.51 ng/ul	639160	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
2	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
3	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
4	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
5	2,3',4,4',5'-Pentachloro-1,1'-bi...	324	C12H5Cl5	065510-44-3	99





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Acq On : 15 Nov 2019 05:20
Operator : JU
Sample : K5819-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B02

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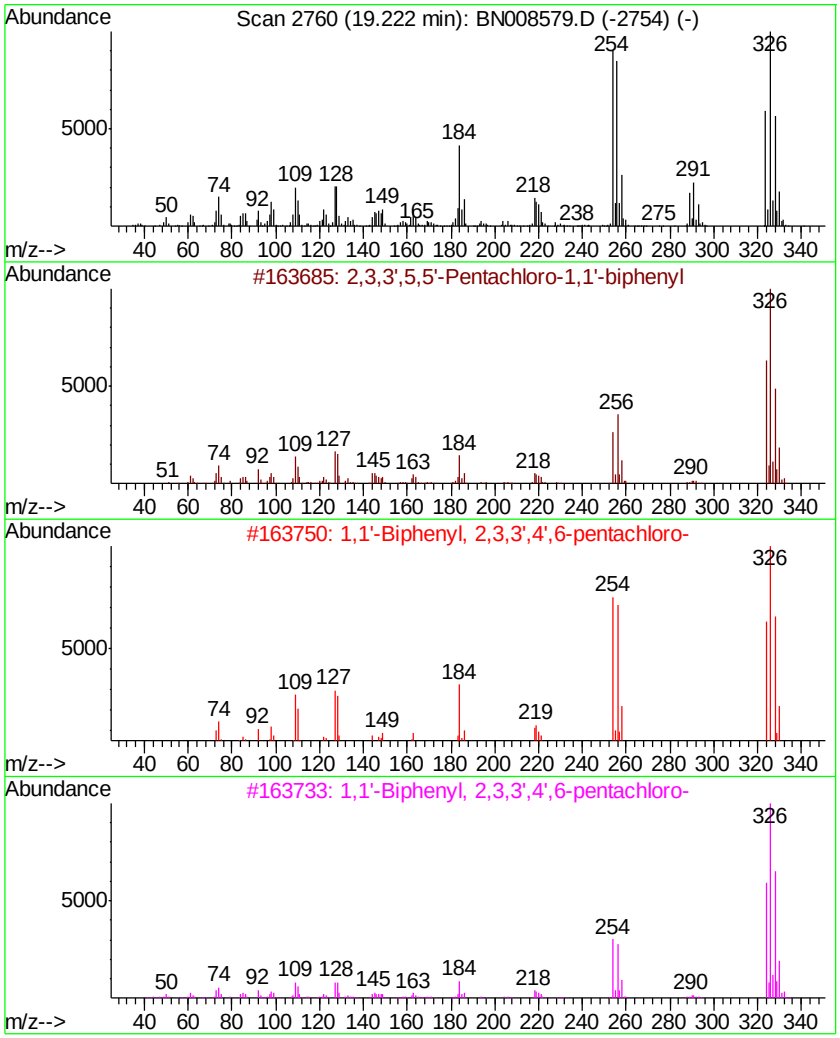
Quant Title : SVOA CALIBRATION

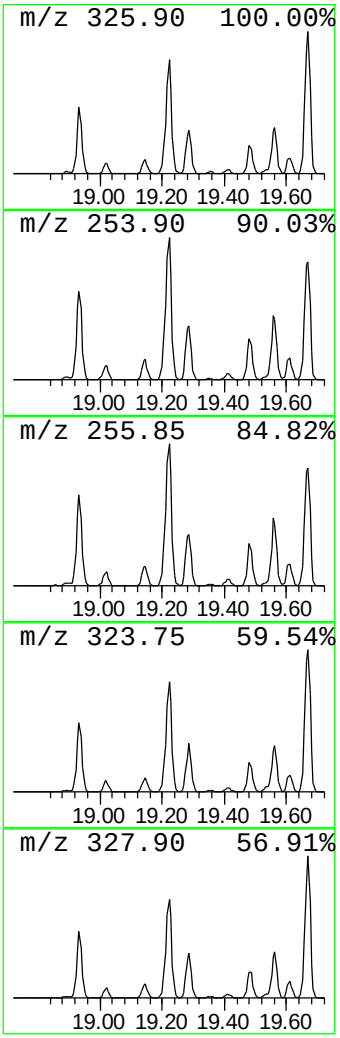
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,3,3',5,5'-Pentachloro-1,1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	13.11 ng/ul	3346220	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	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',6-penta...	324	C12H5Cl5	038380-03-9	99
4	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99





Library Search Compound Report

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Operator : JU
Sample : K5819-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B02

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Quant Title : SVOA CALIBRATION

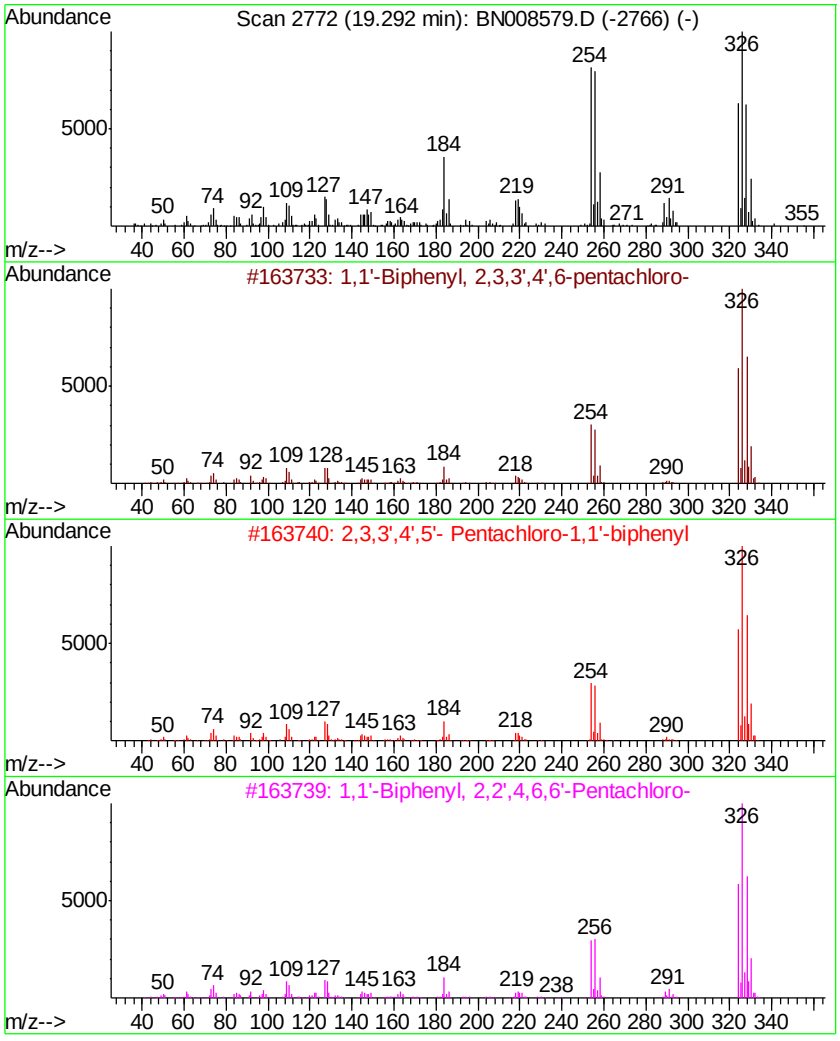
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

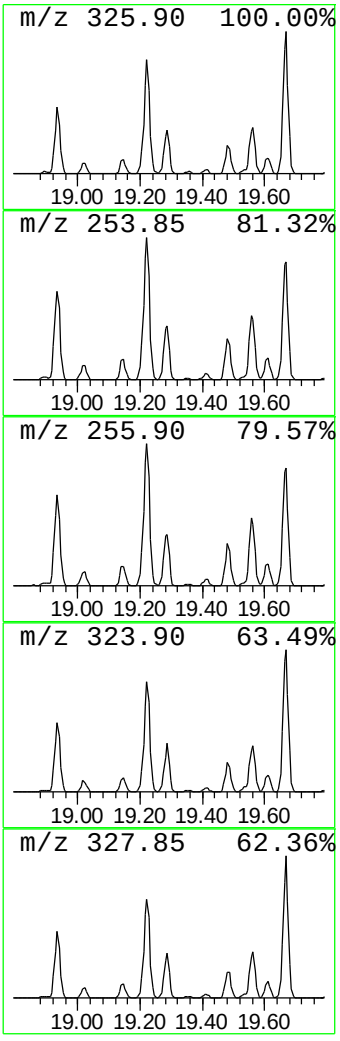
****

Peak Number 8 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	4.31 ng/ul	1098570	Chrysene-d12	21.19

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	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99





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Sample : K5819-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B02

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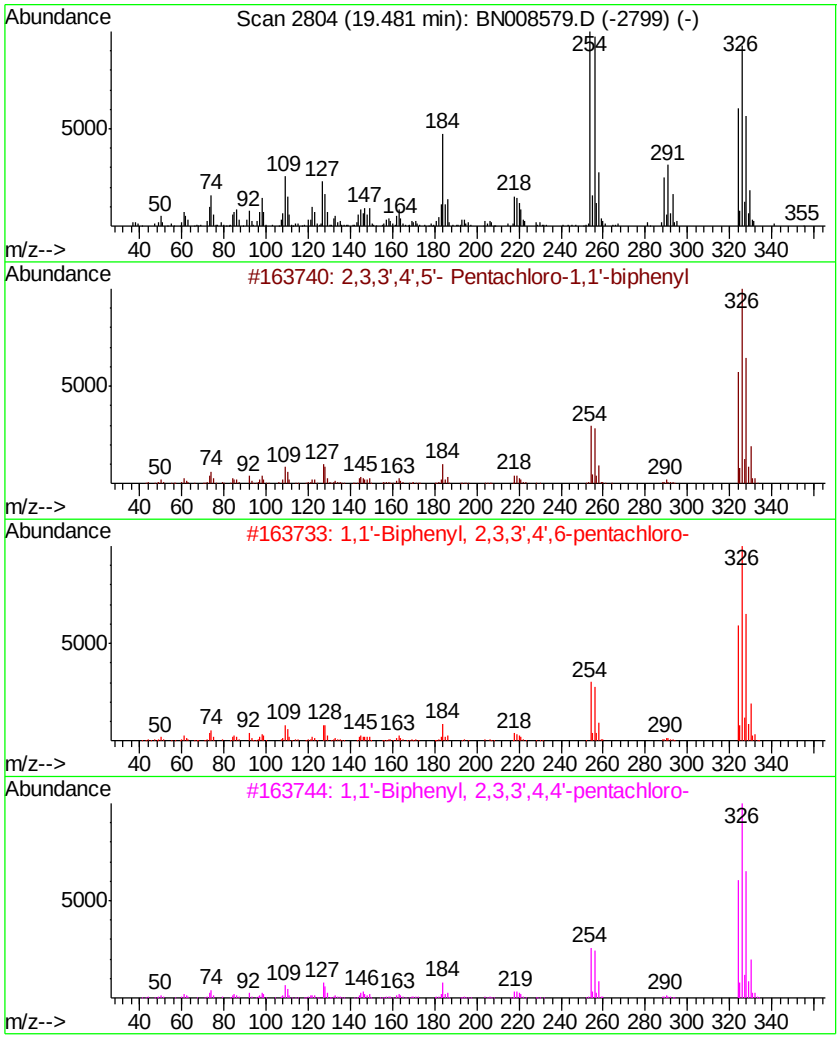
Quant Title : SVOA CALIBRATION

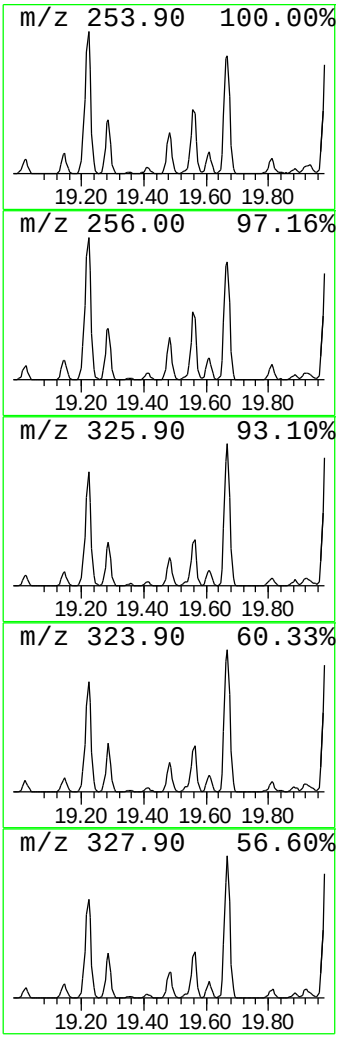
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2,3,3',4',5'- Pentachloro-1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.48	3.36 ng/ul	856403	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	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, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99





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Sample : K5819-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B02

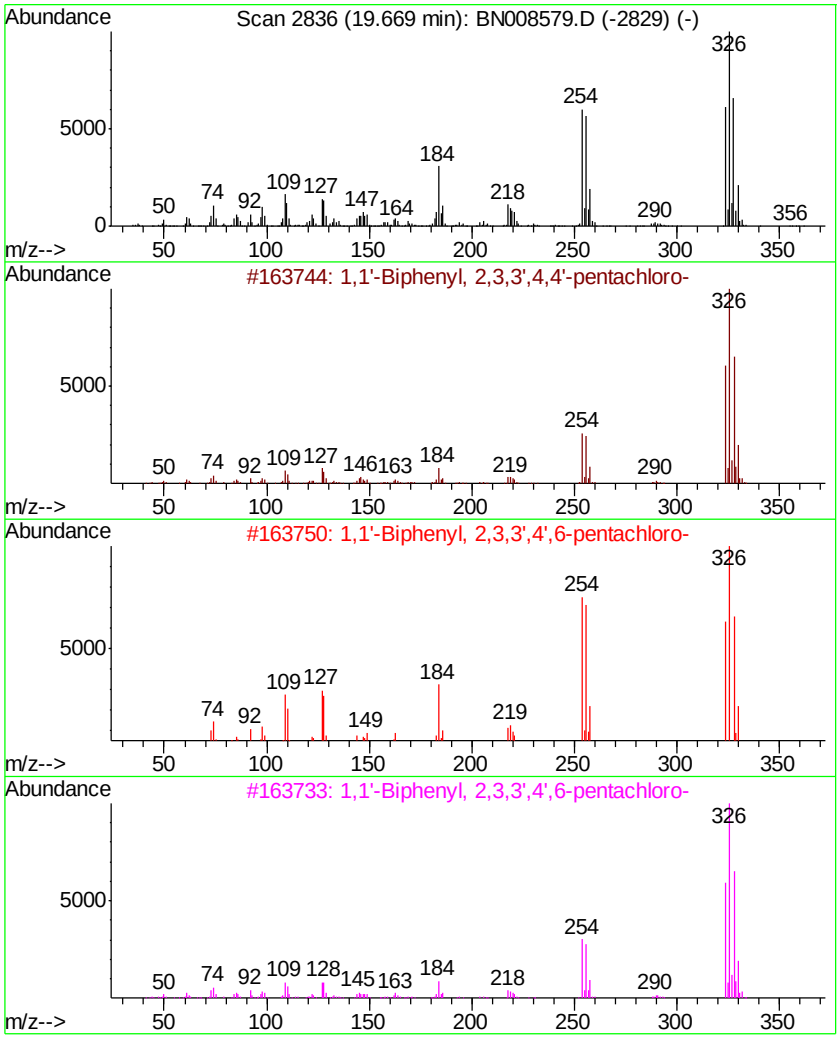
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

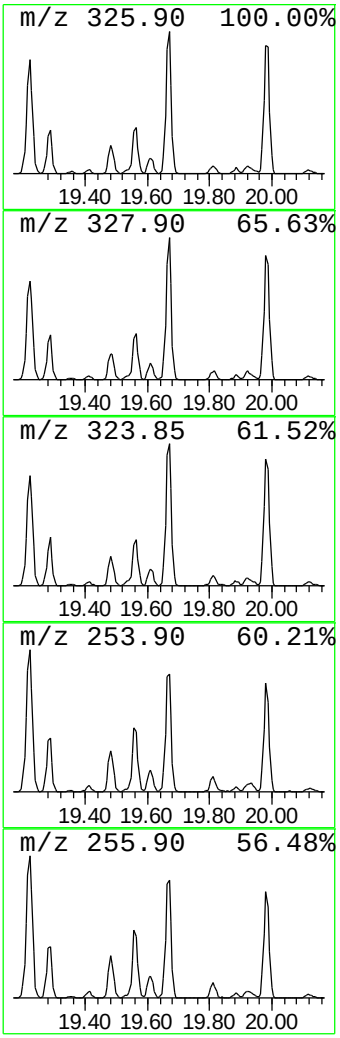
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	12.20 ng/ul	3112790	Chrysene-d12	21.19

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, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
5	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	98





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Sample : K5819-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

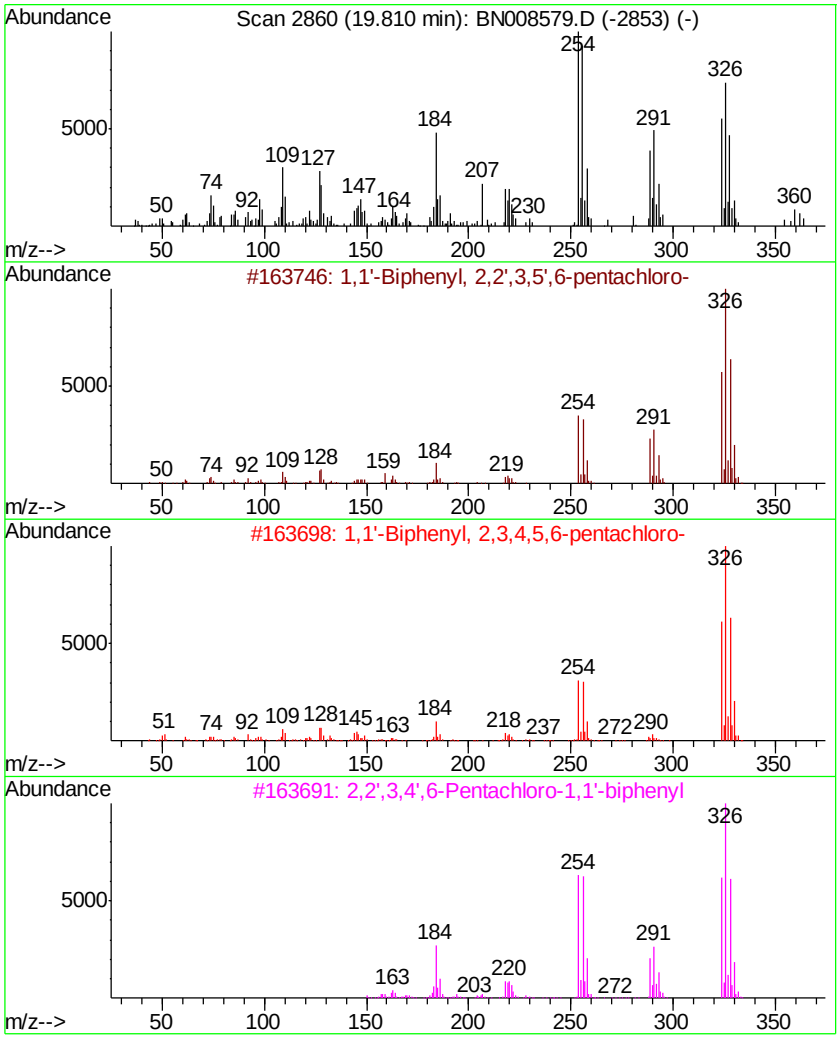
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

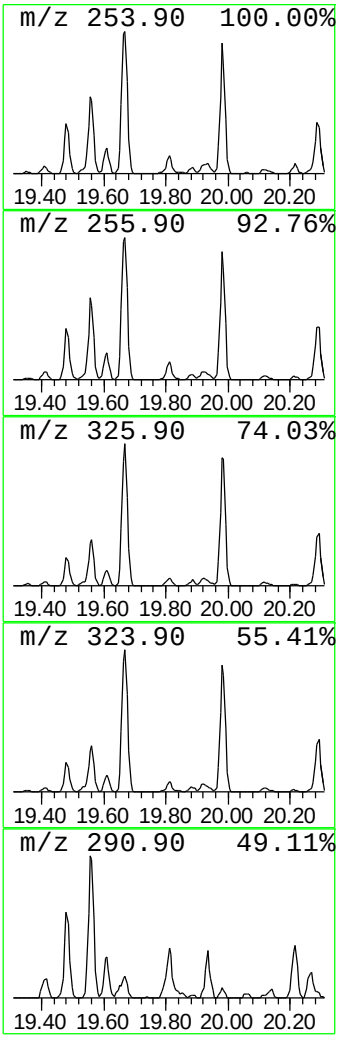
****

Peak Number 12 1,1'-Biphenyl, 2,2',3,5',6-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	2.30 ng/ul	587164	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
2	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	99
3	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
4	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	99
5	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99





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Sample : K5819-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B02

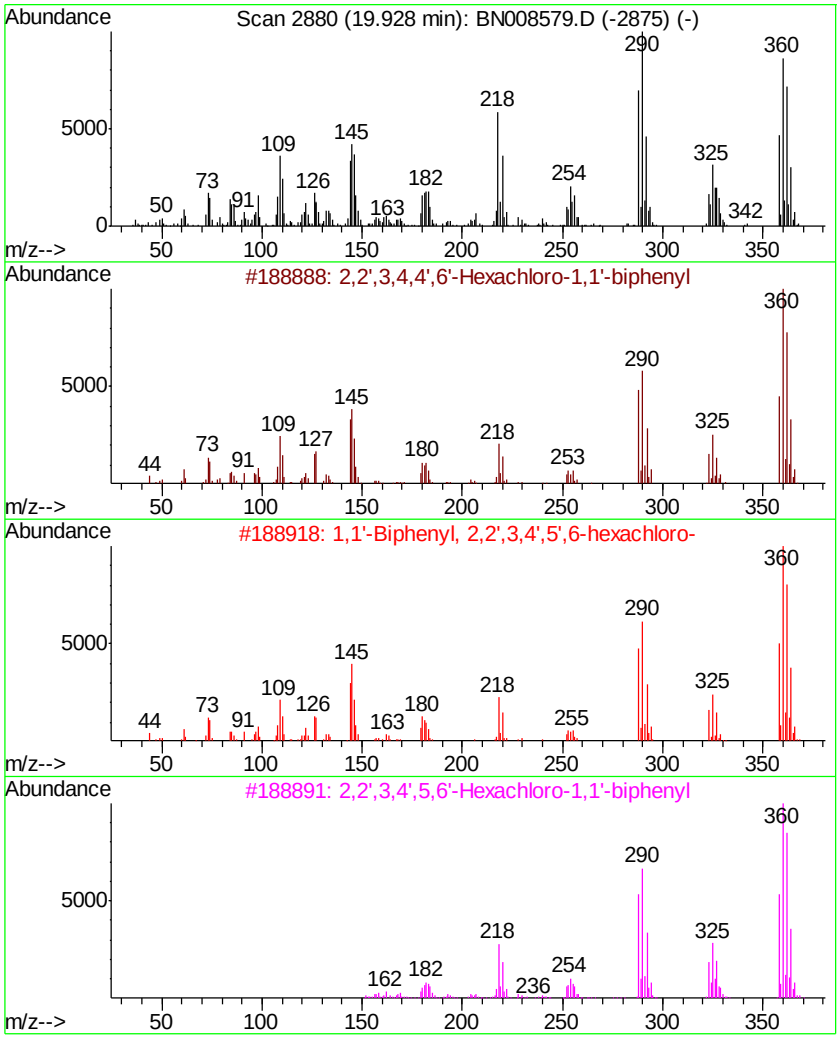
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

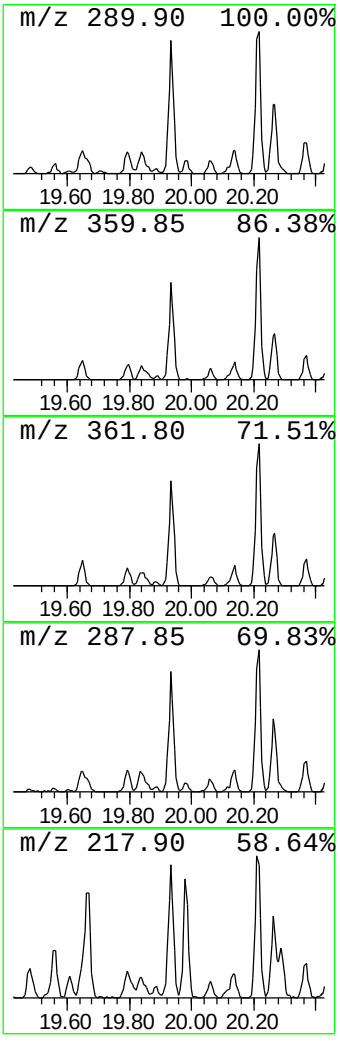
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2,2',3,4,4',6'-Hexachloro-1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	5.05 ng/ul	1288550	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
2	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
3	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
4	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
5	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99





Library Search Compound Report

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Sample : K5819-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B02

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Quant Title : SVOA CALIBRATION

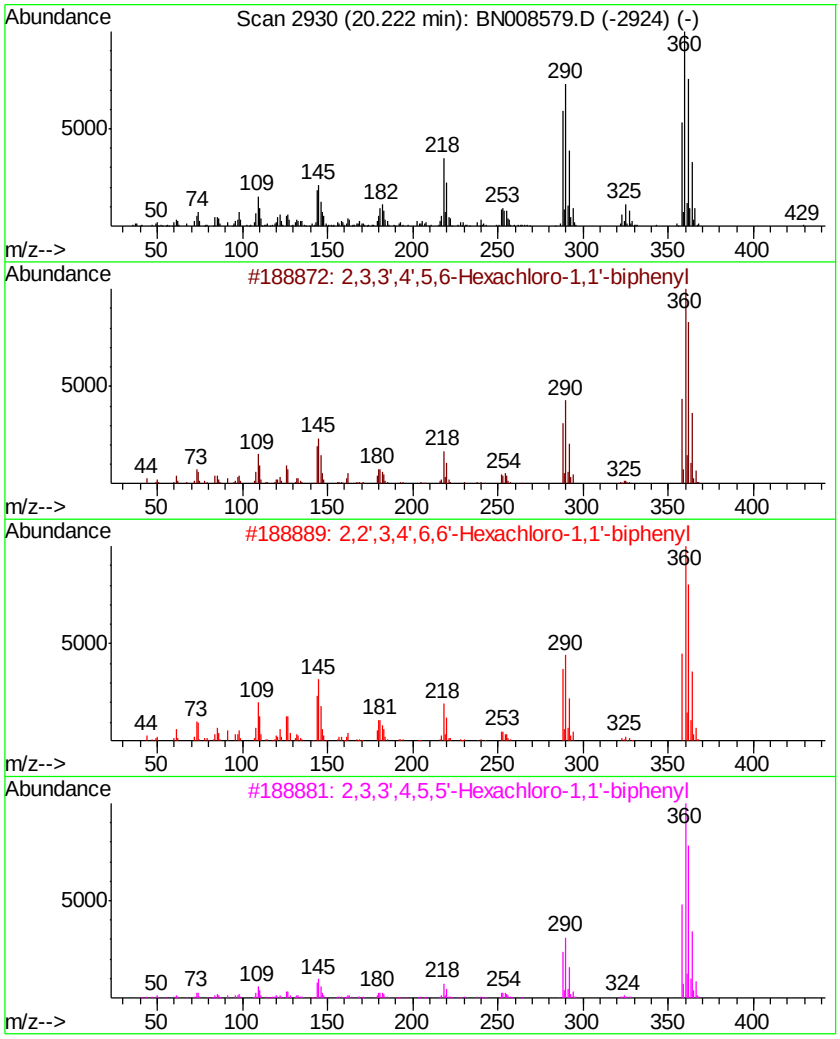
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

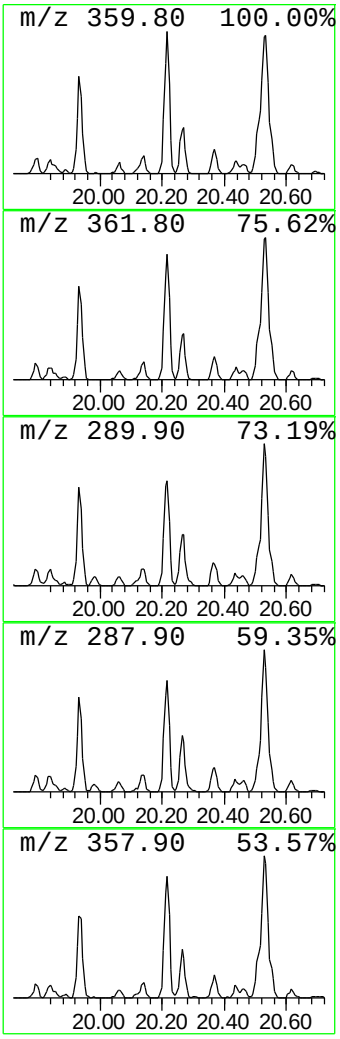
****

Peak Number 15 2,3,3',4',5,6-Hexachloro-1,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	5.61 ng/ul	1432640	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
2	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
3	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

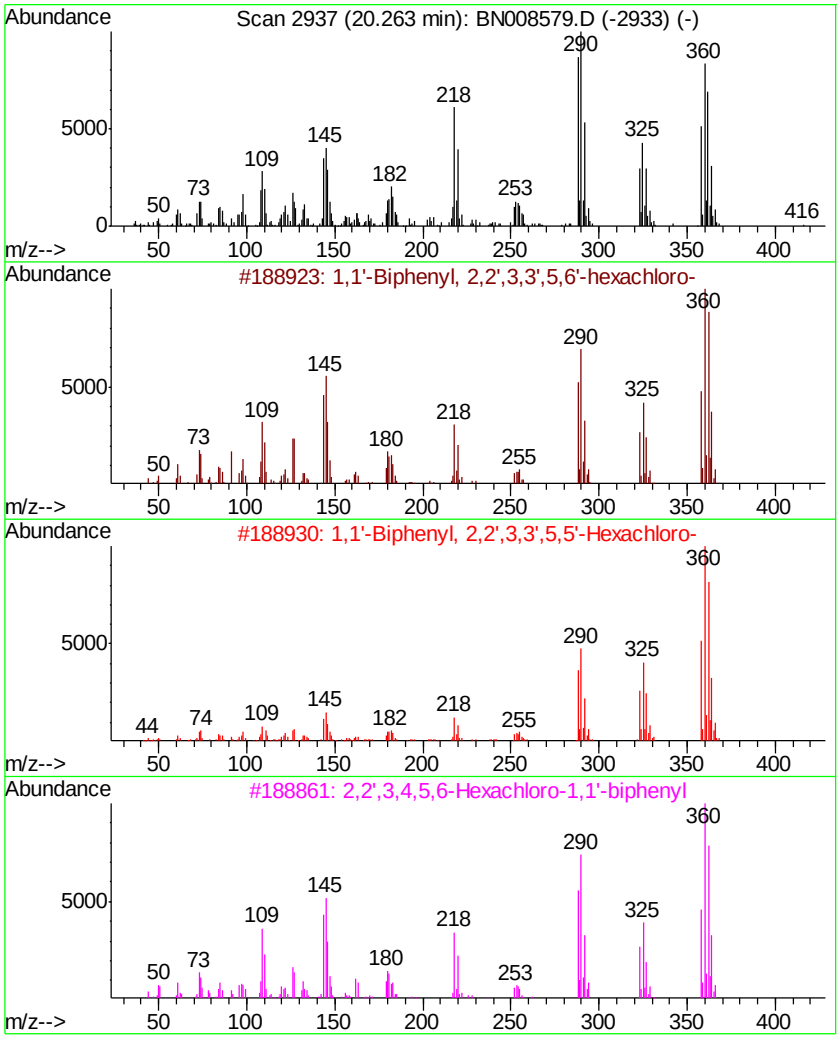
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

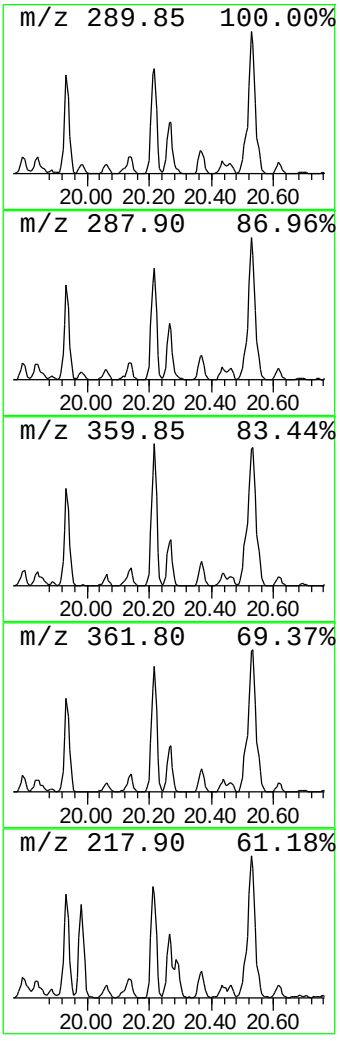
****

Peak Number 16 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	3.07 ng/ul	783769	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	99
2	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
3	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
4	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	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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Instrument : BNA_N
ClientSampleId : C0B02

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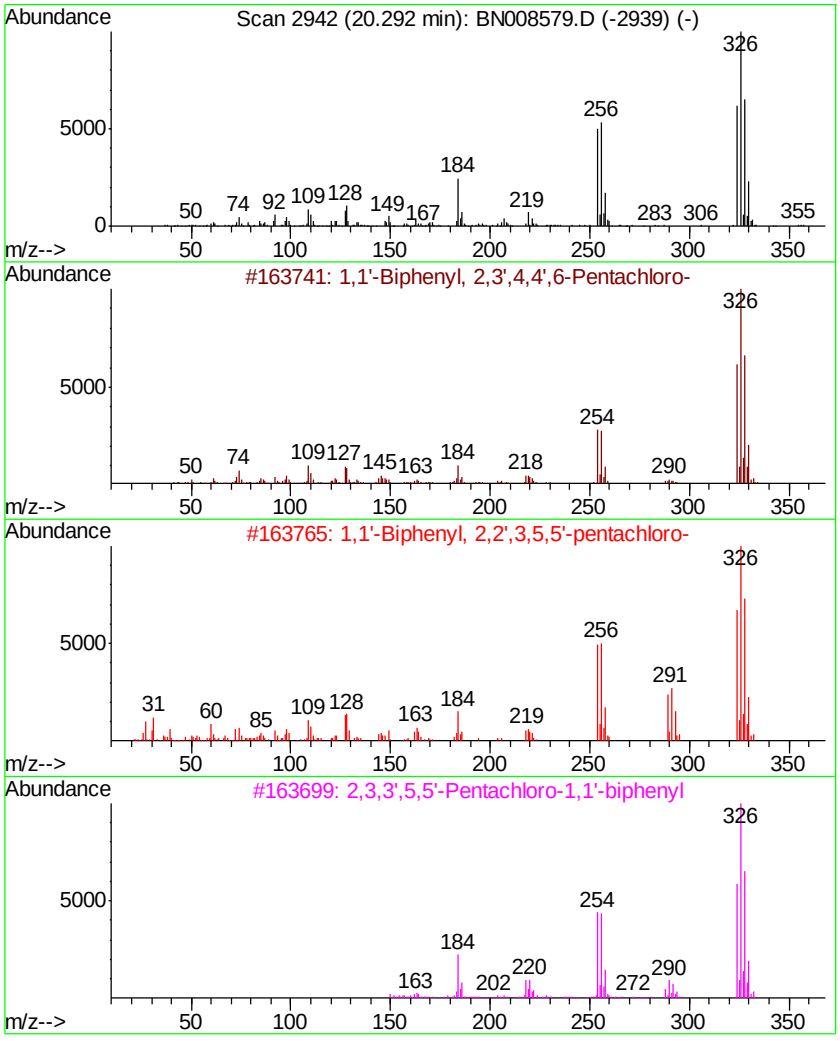
Quant Title : SVOA CALIBRATION

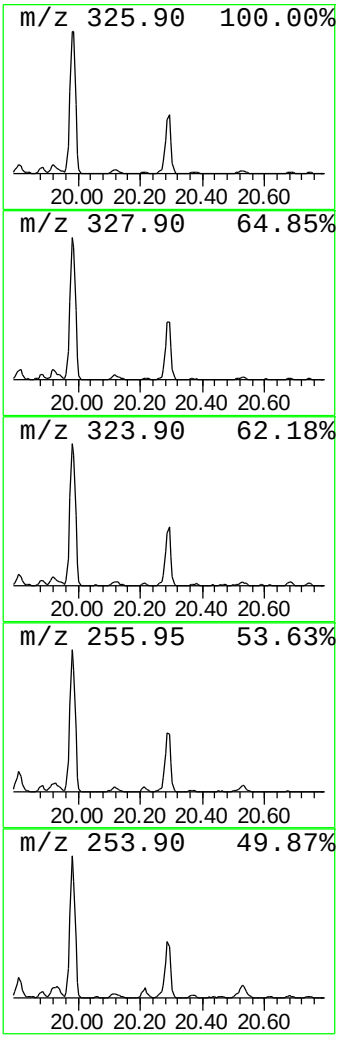
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	3.95 ng/ul	1008640	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	95
2	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	95
3	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	94
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	94
5	2,3,3,',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	068194-10-5	94





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Quant Title : SVOA CALIBRATION

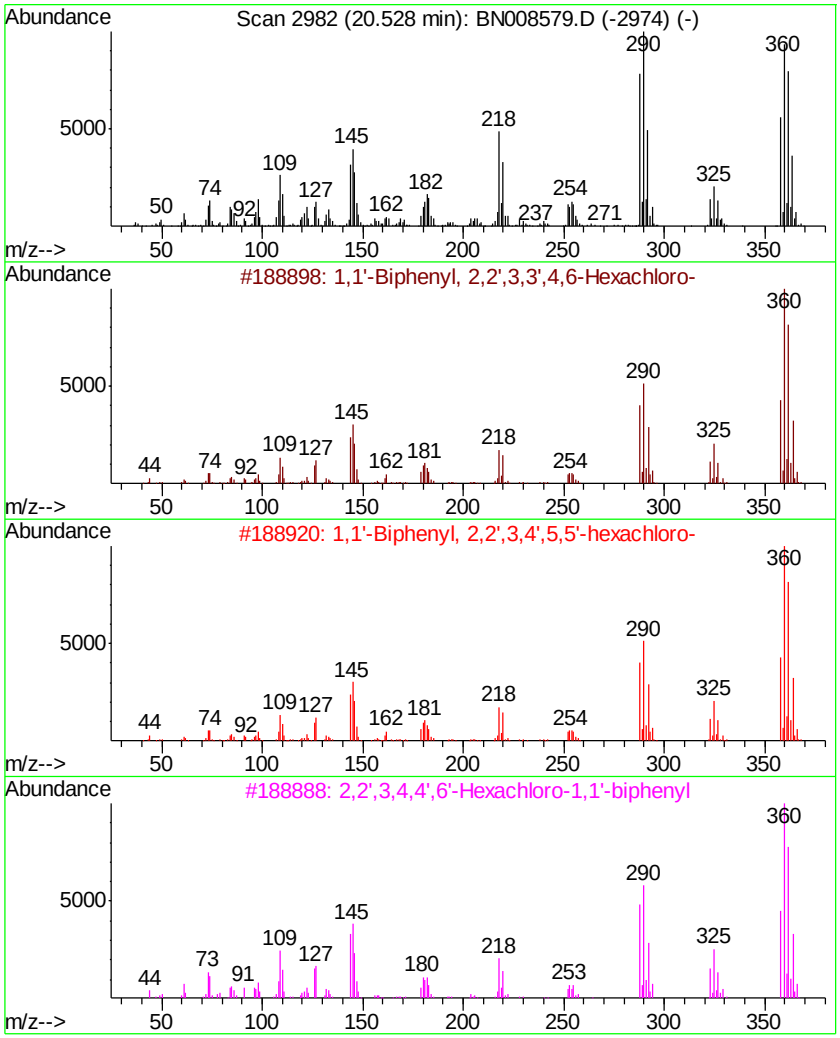
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

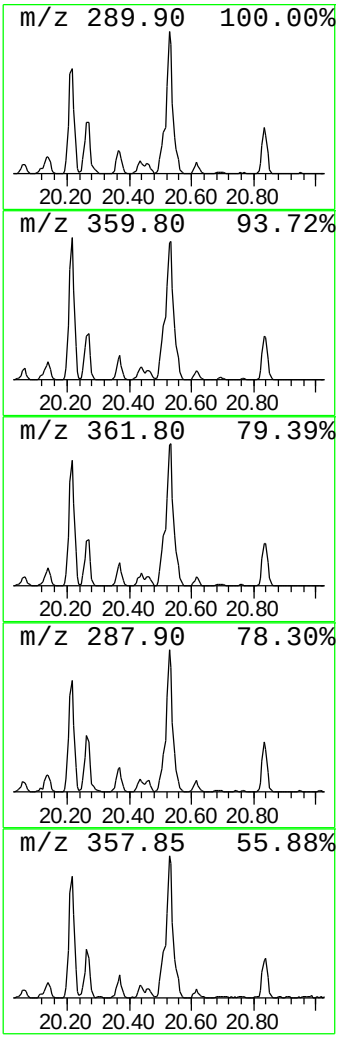
****

Peak Number 18 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.53	9.88 ng/ul	2521860	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
2	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
4	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
5	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99





Tentatively Identified Compound (LSC) summary

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Data File : BN008579.D
Acq On : 15 Nov 2019 05:20
Operator : JU
Sample : K5819-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.16	6.9	ng/ul	1023460	1	7.63	2978520	20.0
1,1'-Biphenyl, 2,...	18.08	5.6	ng/ul	1587550	4	17.00	5664560	20.0
2,2',4,5-Tetrachl...	18.36	2.4	ng/ul	672533	4	17.00	5664560	20.0
2,3',4,5-Tetrachl...	18.90	2.3	ng/ul	646027	4	17.00	5664560	20.0
1,1'-Biphenyl, 2,...	19.15	2.5	ng/ul	639160	5	21.19	5103000	20.0
2,3,3',5,5'-Penta...	19.22	13.1	ng/ul	3346220	5	21.19	5103000	20.0
1,1'-Biphenyl, 2,...	19.29	4.3	ng/ul	1098570	5	21.19	5103000	20.0
2,3,3',4',5'- Pen...	19.48	3.4	ng/ul	856403	5	21.19	5103000	20.0
1,1'-Biphenyl, 2,...	19.67	12.2	ng/ul	3112790	5	21.19	5103000	20.0
1,1'-Biphenyl, 2,...	19.81	2.3	ng/ul	587164	5	21.19	5103000	20.0
2,2',3,4,4',6'-He...	19.93	5.0	ng/ul	1288550	5	21.19	5103000	20.0
2,3,3',4',5,6-Hex...	20.22	5.6	ng/ul	1432640	5	21.19	5103000	20.0
1,1'-Biphenyl, 2,...	20.26	3.1	ng/ul	783769	5	21.19	5103000	20.0
1,1'-Biphenyl, 2,...	20.29	4.0	ng/ul	1008640	5	21.19	5103000	20.0
1,1'-Biphenyl, 2,...	20.53	9.9	ng/ul	2521860	5	21.19	5103000	20.0