LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007829.D
Acq On : 24 Sep 2019 08:16
Operator : HP/JU
Sample : K4977-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AT6

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-BN091619MA.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	3.017	3	5	14	rVB	460317	484364	5.73%	0.614%
2	3.093	15	18	21	rVV	115184	122369	1.45%	0.155%
3	3.122	21	23	25	rVV2	50498	51240	0.61%	0.065%
4	3.146	25	27	29	rVV	76426	64568	0.76%	0.082%
5	3.181	29	33	38	rVB	1464090	1395965	16.51%	1.770%
6	3.481	81	84	85	rBV3	26478	25123	0.30%	0.032%
7	3.505	85	88	93	rVB	125009	139725	1.65%	0.177%
8	3.875	148	151	158	rVB6	17343	27461	0.32%	0.035%
9	3.964	161	166	173	rVB2	40581	60473	0.72%	0.077%
10	4.140	193	196	201	rBV3	13640	15094	0.18%	0.019%
11	4.499	253	257	263	rVB8	8545	17143	0.20%	0.022%
12	4.593	269	273	277	rVB3	32891	41279	0.49%	0.052%
13	4.846	312	316	320	rVB6	10300	14367	0.17%	0.018%
14	5.193	368	375	379	rBV6	18399	33950	0.40%	0.043%
15	5.369	401	405	410	rBV4	11603	19276	0.23%	0.024%
16	5.734	463	467	474	rVB5	9698	17545	0.21%	0.022%
17	7.581	776	781	785	rVB2	22449	36608	0.43%	0.046%
18	7.687	792	799	812	rBV	2524343	3963372	46.88%	5.025%
19	8.034	850	858	865	rVB2	66133	113202	1.34%	0.144%
20	8.375	911	916	920	rBV6	7623	14398	0.17%	0.018%
21	8.922	1002	1009	1015	rBV7	9888	23798	0.28%	0.030%
22	10.251	1228	1235	1241	rVV4	32844	60592	0.72%	0.077%
23	10.457	1260	1270	1282	rBV	3167736	5345297	63.22%	6.777%
24	10.604	1290	1295	1303	rVB9	26817	60476	0.72%	0.077%
25	10.728	1308	1316	1323	rBV9	27564	59000	0.70%	0.075%
26	10.822	1323	1332	1338	rVV8	9246	26970	0.32%	0.034%
27	10.881	1338	1342	1346	rVV4	17800	31786	0.38%	0.040%
28	10.940	1346	1352	1358	rVV4	30410	55789	0.66%	0.071%
29	10.998	1358	1362	1367	rVB7	9183	14174	0.17%	0.018%
30	11.157	1384	1389	1394	rVV3	16119	26895	0.32%	0.034%
31	11.234	1396	1402	1405	rBV6	11605	25340	0.30%	0.032%
32	14.316	1919	1926	1938	rBV	4817458	7027630	83.12%	8.911%
33	15.204	2070	2077	2079	rBV6	9410	18018	0.21%	0.023%
34	16.375	2272	2276	2281	rBV2	31011	41781	0.49%	0.053%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007829.D
Acq On : 24 Sep 2019 08:16
Operator : HP/JU
Sample : K4977-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AT6

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-BN091619MA.M
Title : SVOA CALIBRATION

35	16.633	2317	2320	2326	rBV2	29728	43773	0.52%	0.056%
36	16.845	2354	2356	2360	rVB2	15307	17050	0.20%	0.022%
37	16.945	2370	2373	2377	rBV5	17931	23102	0.27%	0.029%
38	17.063	2386	2393	2405	rBV	5726157	8260951	97.71%	10.474%
39	17.163	2405	2410	2416	rVV3	23698	48420	0.57%	0.061%
40	17.251	2420	2425	2432	rVB5	43537	80682	0.95%	0.102%
41	17.669	2490	2496	2501	rBV2	112373	195836	2.32%	0.248%
42	17.751	2505	2510	2511	rBV5	8183	13234	0.16%	0.017%
43	17.786	2512	2516	2522	rVB7	32910	54775	0.65%	0.069%
44	17.916	2534	2538	2543	rBV3	64353	92316	1.09%	0.117%
45	17.969	2544	2547	2554	rVB7	40215	57596	0.68%	0.073%
46	18.139	2571	2576	2581	rBV	986804	1290701	15.27%	1.637%
47	18.198	2581	2586	2590	rVV	248961	320402	3.79%	0.406%
48	18.239	2590	2593	2598	rVV3	68039	91613	1.08%	0.116%
49	18.286	2598	2601	2605	rVB6	17724	24216	0.29%	0.031%
50	18.422	2619	2624	2629	rBV	466435	635221	7.51%	0.805%
51	18.475	2629	2633	2638	rVV7	52245	85273	1.01%	0.108%
52	18.522	2638	2641	2643	rVV4	32193	43029	0.51%	0.055%
53	18.563	2645	2648	2651	rVV3	55843	74879	0.89%	0.095%
54	18.598	2651	2654	2659	rVV	167130	220328	2.61%	0.279%
55	18.663	2661	2665	2668	rVV4	42972	65318	0.77%	0.083%
56	18.704	2669	2672	2677	rVB6	40456	49536	0.59%	0.063%
57	18.851	2695	2697	2701	rVB5	17874	21642	0.26%	0.027%
58	18.910	2702	2707	2711	rVV	208202	289702	3.43%	0.367%
59	18.963	2711	2716	2718	rVV	674812	951887	11.26%	1.207%
60	18.992	2718	2721	2727	rVV2	1627991	2199972	26.02%	2.789%
61	19.075	2731	2735	2741	rVV	237099	295466	3.49%	0.375%
62	19.204	2752	2757	2764	rBV3	381686	664350	7.86%	0.842%
63	19.275	2764	2769	2775	rVV	2429906	3342079	39.53%	4.238%
64	19.339	2776	2780	2787	rVB	860187	1036030	12.25%	1.314%
65	19.469	2798	2802	2809	rBV6	119912	162510	1.92%	0.206%
66	19.539	2809	2814	2819	rVV	698213	840292	9.94%	1.065%
67	19.616	2819	2827	2832	rVV	1160227	1490889	17.63%	1.890%
68	19.669	2832	2836	2839	rVV	363774	464096	5.49%	0.588%
69	19.722	2839	2845	2850	rVV	2366893	3305780	39.10%	4.192%
70	19.769	2850	2853	2856	rVB3	47281	57381	0.68%	0.073%
71	19.869	2863	2870	2872	rBV3	288192	589216	6.97%	0.747%

LSC Area Percent Report

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Acq On : 24 Sep 2019 08:16
Operator : HP/JU
Sample : K4977-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AT6

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-BN091619MA.M
Title : SVOA CALIBRATION

72	19.892	2872	2874	2880	rVV2	199515	324261	3.84%	0.411%
73	19.939	2880	2882	2885	rVV2	135042	146284	1.73%	0.185%
74	19.992	2885	2891	2895	rVV2	1103637	1496258	17.70%	1.897%
75	20.039	2895	2899	2906	rVV	2240319	2609334	30.86%	3.308%
76	20.116	2909	2912	2917	rVB2	128114	154412	1.83%	0.196%
77	20.192	2918	2925	2930	rBV4	230795	385631	4.56%	0.489%
78	20.269	2933	2938	2943	rBV	1270278	1524708	18.03%	1.933%
79	20.322	2943	2947	2949	rVV	721312	900394	10.65%	1.142%
80	20.345	2949	2951	2957	rVB	978333	1035008	12.24%	1.312%
81	20.422	2960	2964	2969	rVB2	311190	407677	4.82%	0.517%
82	20.492	2972	2976	2978	rBV2	142090	168903	2.00%	0.214%
83	20.516	2978	2980	2985	rVV6	144223	215483	2.55%	0.273%
84	20.586	2985	2992	2999	rVV	1744828	2732018	32.31%	3.464%
85	20.669	3003	3006	3011	rVV4	127194	157693	1.87%	0.200%
86	20.733	3014	3017	3023	rVB6	109035	146978	1.74%	0.186%
87	20.798	3026	3028	3036	rVB8	68276	81713	0.97%	0.104%
88	20.892	3040	3044	3048	rVB	567092	650644	7.70%	0.825%
89	21.004	3059	3063	3068	rBV4	186765	252778	2.99%	0.321%
90	21.057	3070	3072	3078	rVB5	93603	118924	1.41%	0.151%
91	21.139	3083	3086	3092	rVB2	227301	292283	3.46%	0.371%
92	21.257	3100	3106	3110	rBV	6438080	8454849	100.00%	10.720%
93	21.292	3110	3112	3119	rVB3	306108	345253	4.08%	0.438%
94	21.374	3123	3126	3132	rVV2	101629	136997	1.62%	0.174%
95	21.433	3134	3136	3143	rVB	96612	104884	1.24%	0.133%
96	21.533	3149	3153	3158	rBV	319759	359710	4.25%	0.456%
97	21.604	3161	3165	3170	rVV4	170312	216104	2.56%	0.274%
98	21.868	3207	3210	3214	rBV	131421	136804	1.62%	0.173%
99	22.833	3371	3374	3384	rVB2	196009	290485	3.44%	0.368%
100	23.468	3475	3482	3497	rVB2	4202763	8047190	95.18%	10.203%

Sum of corrected areas: 78868271

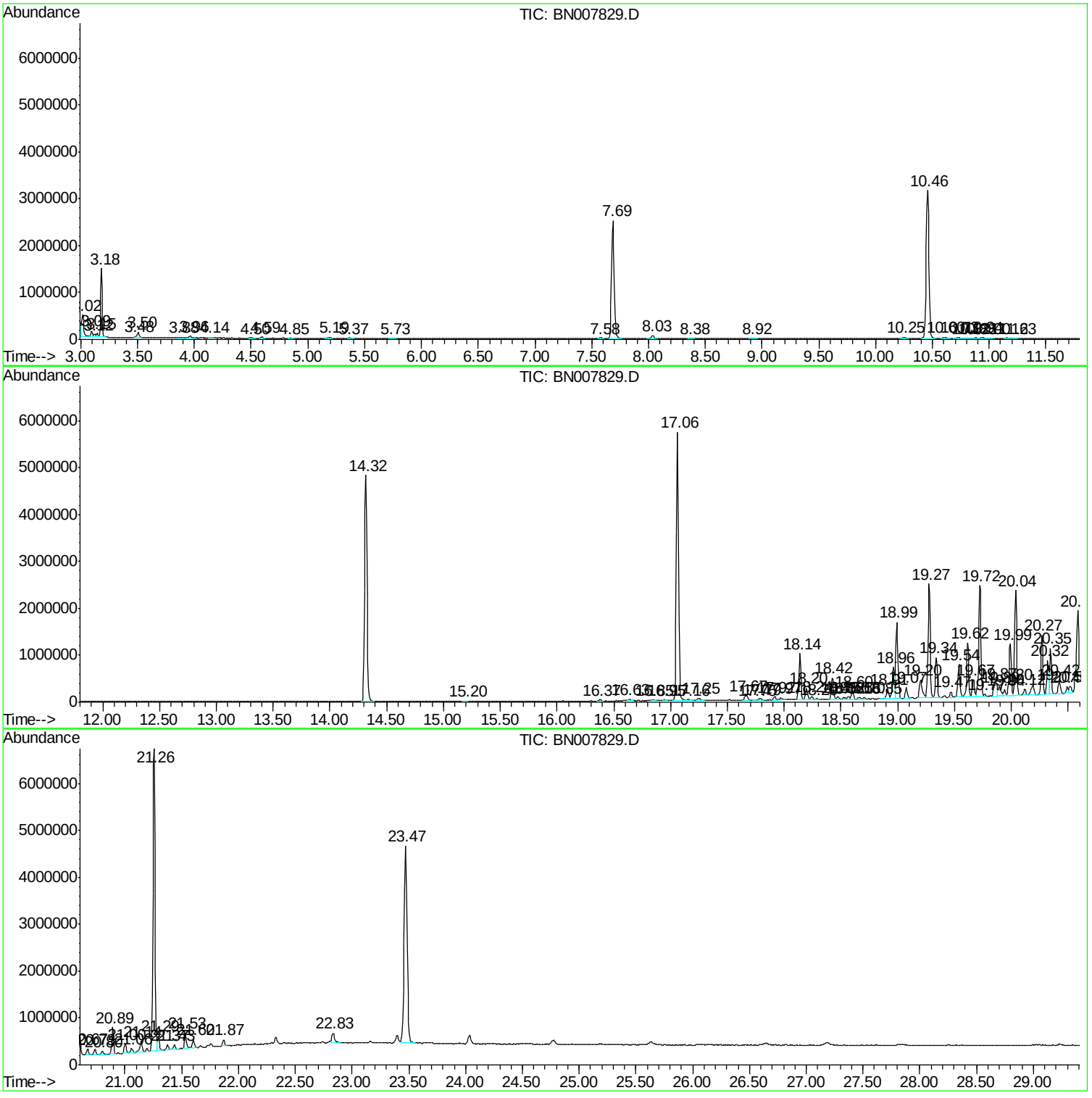
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007829.D
Acq On : 24 Sep 2019 08:16
Operator : HP/JU
Sample : K4977-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007829.D
Acq On : 24 Sep 2019 08:16
Operator : HP/JU
Sample : K4977-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AT6

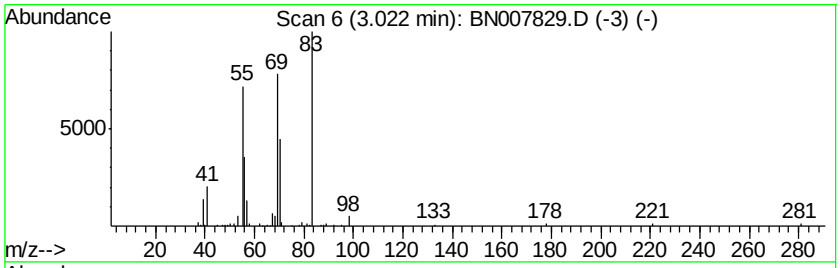
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

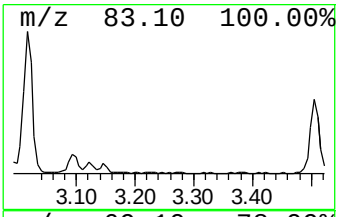
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

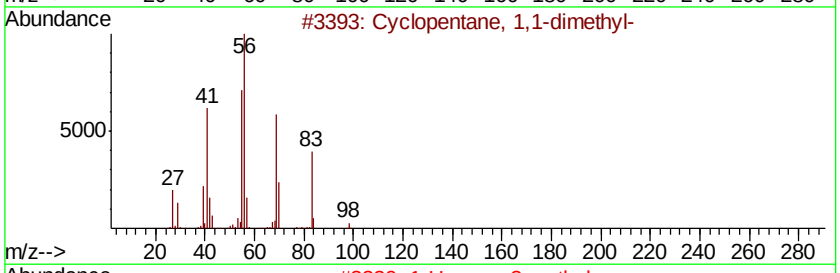
****
Peak Number 1 (DEL) Alkane: Cyclic3.02 Concentration Rank 13

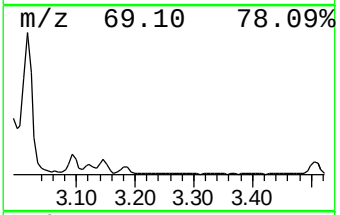
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	2.44 ng/ul	484364	1,4-Dichlorobenzene-d4	7.69

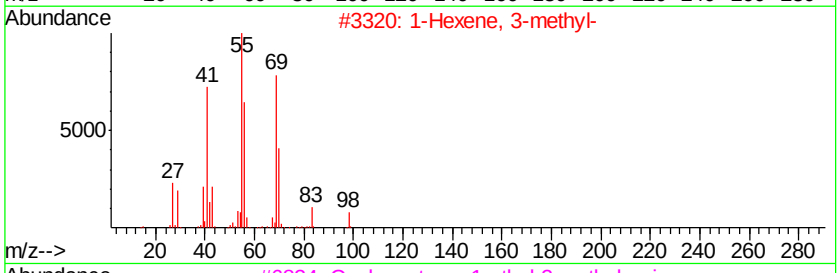
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	56
2	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	47
3	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	42
4	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	38
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	35

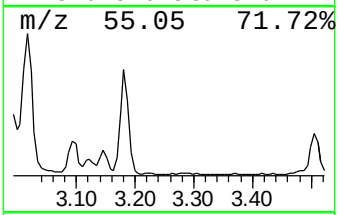


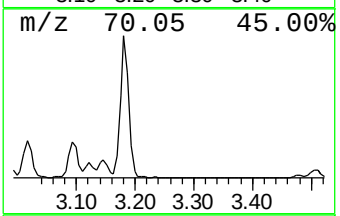


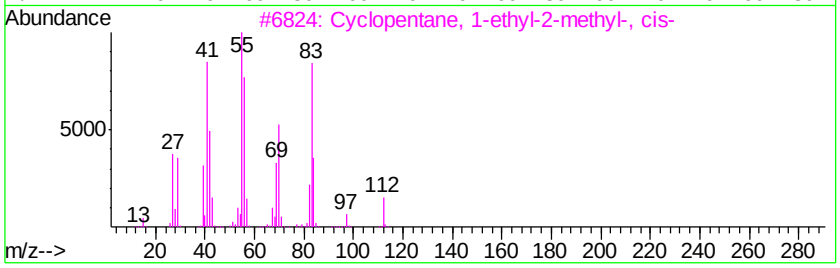


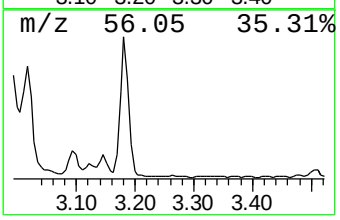












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007829.D
Acq On : 24 Sep 2019 08:16
Operator : HP/JU
Sample : K4977-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AT6

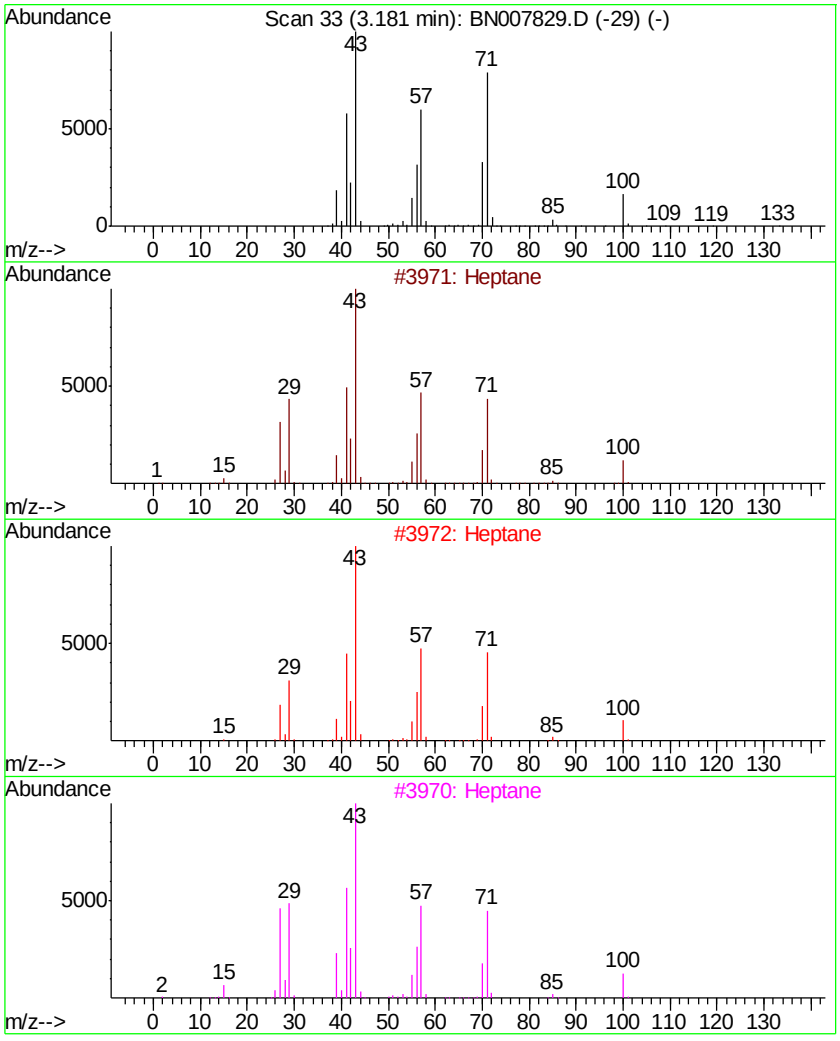
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

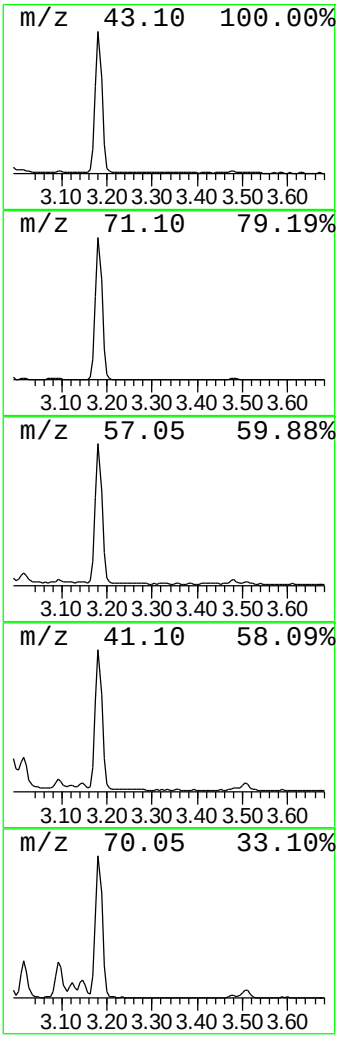
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	7.04 ng/ul	1395970	1,4-Dichlorobenzene-d4	7.69

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	64
5	Oxirane, butyl-	100	C6H12O	001436-34-6	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007829.D
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Sample : K4977-07
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Instrument : BNA_N
ClientSampleId : C0AT6

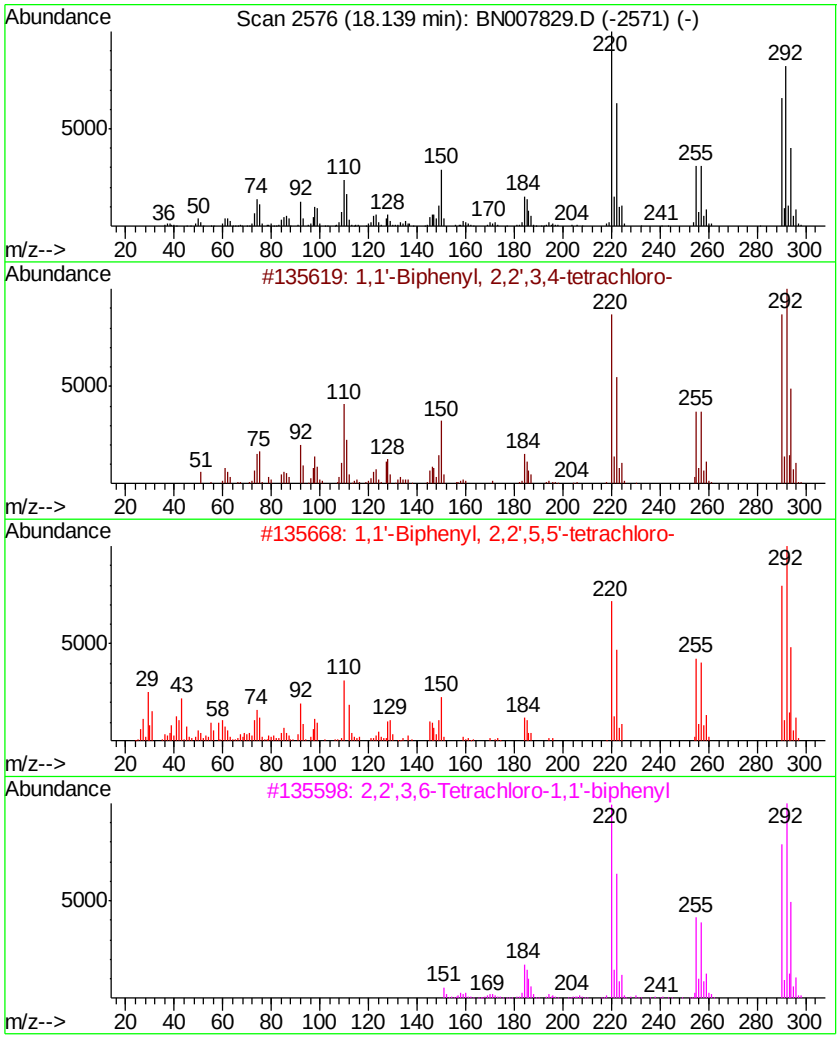
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

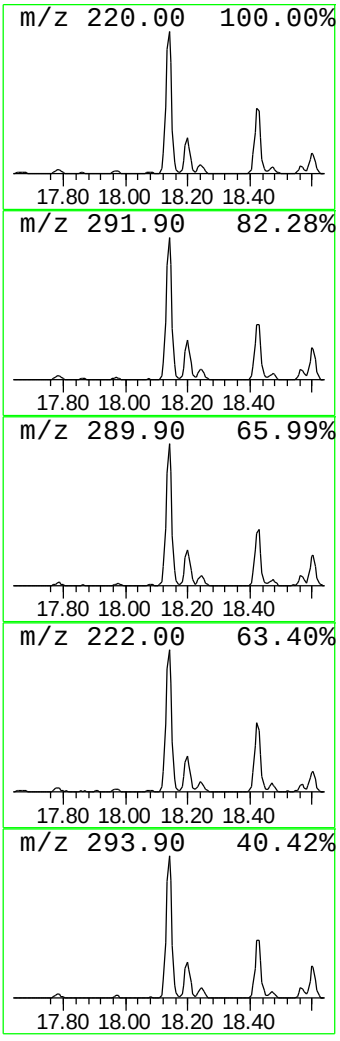
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	3.12 ng/ul	1290700	Phenanthrene-d10	17.06

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',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
4	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
5	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007829.D
Acq On : 24 Sep 2019 08:16
Operator : HP/JU
Sample : K4977-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AT6

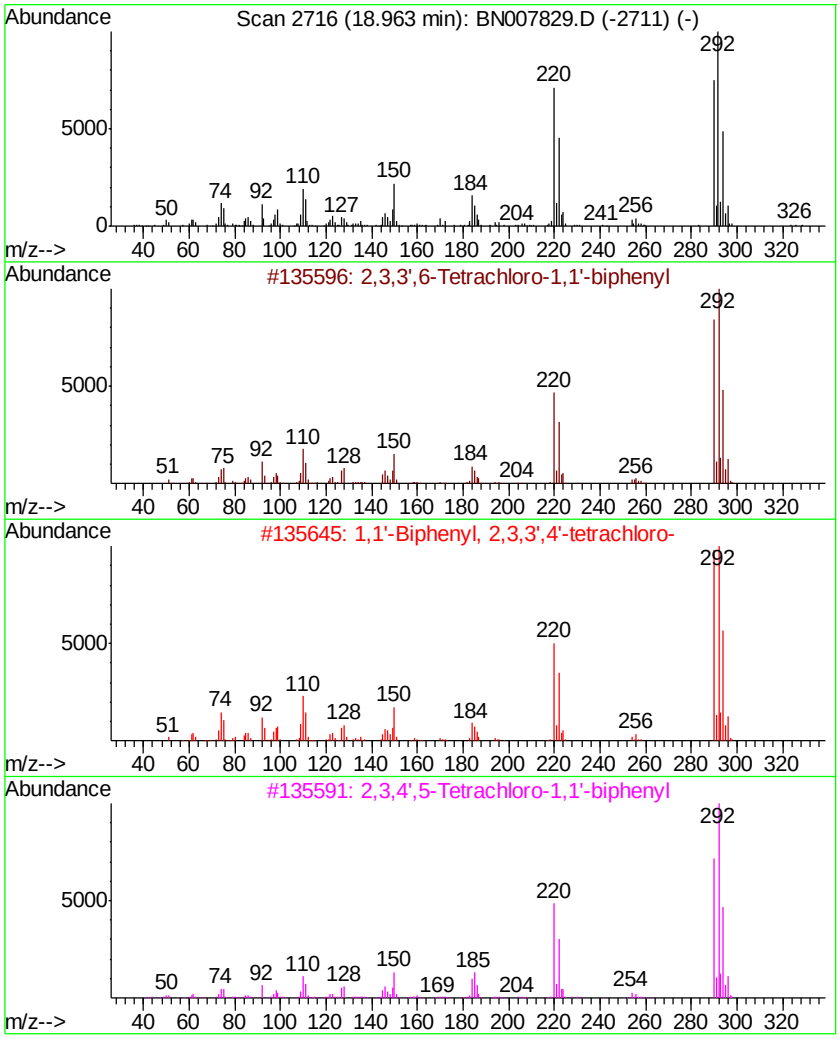
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

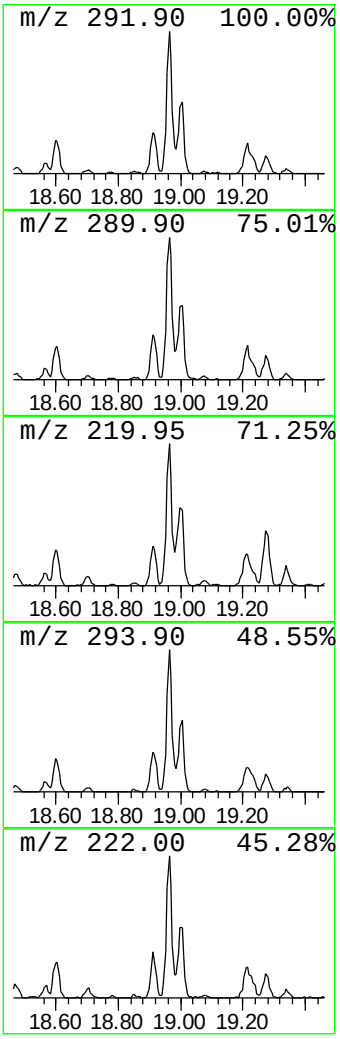
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	2.30 ng/ul	951887	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99
4	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99





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Acq On : 24 Sep 2019 08:16
Operator : HP/JU
Sample : K4977-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AT6

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Quant Title : SVOA CALIBRATION

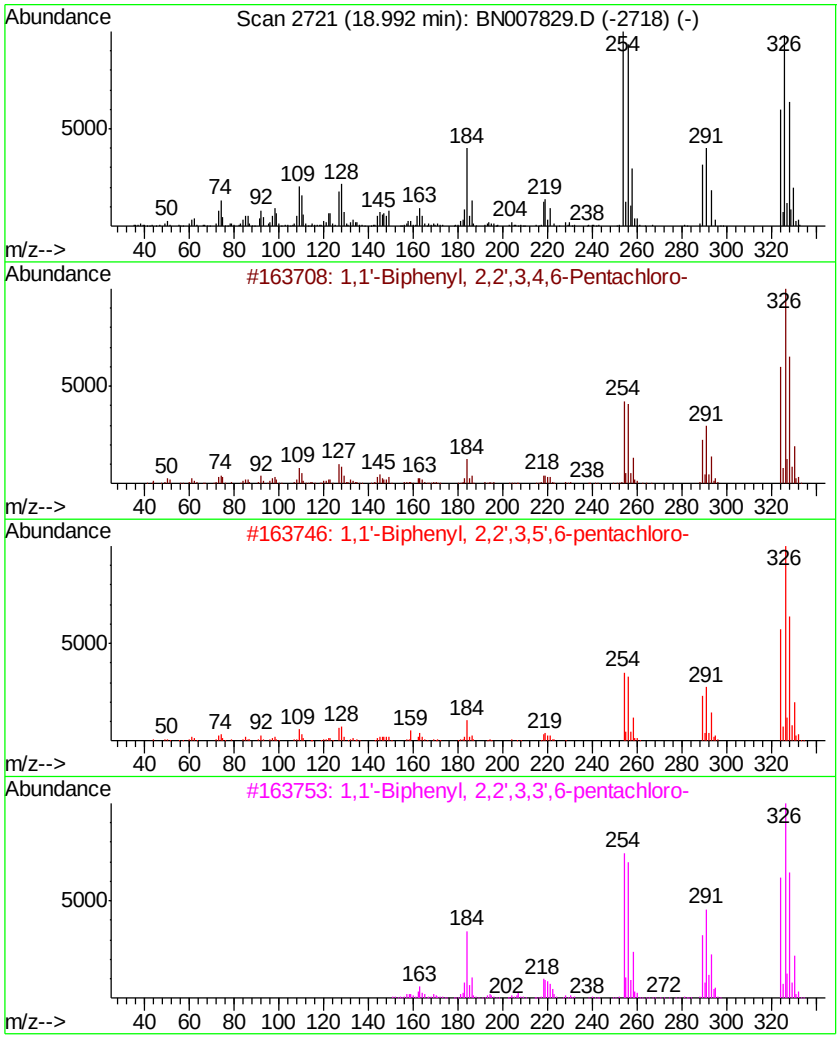
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

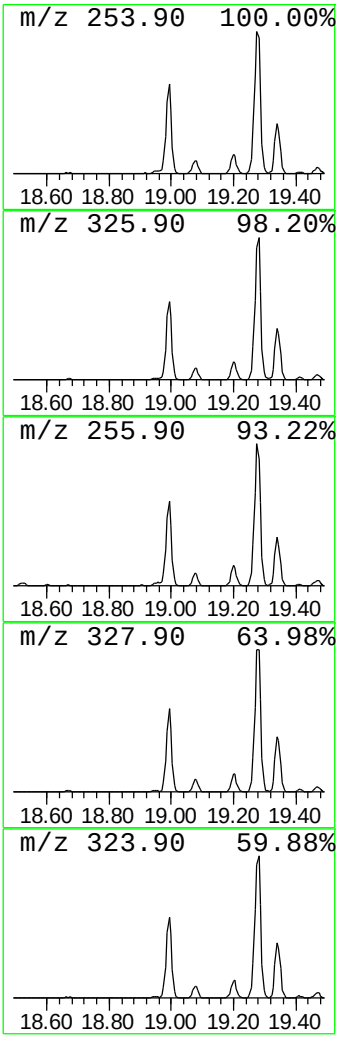
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	5.33 ng/ul	2199970	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
2	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
3	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
4	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	98
5	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	98





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Acq On : 24 Sep 2019 08:16
Operator : HP/JU
Sample : K4977-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AT6

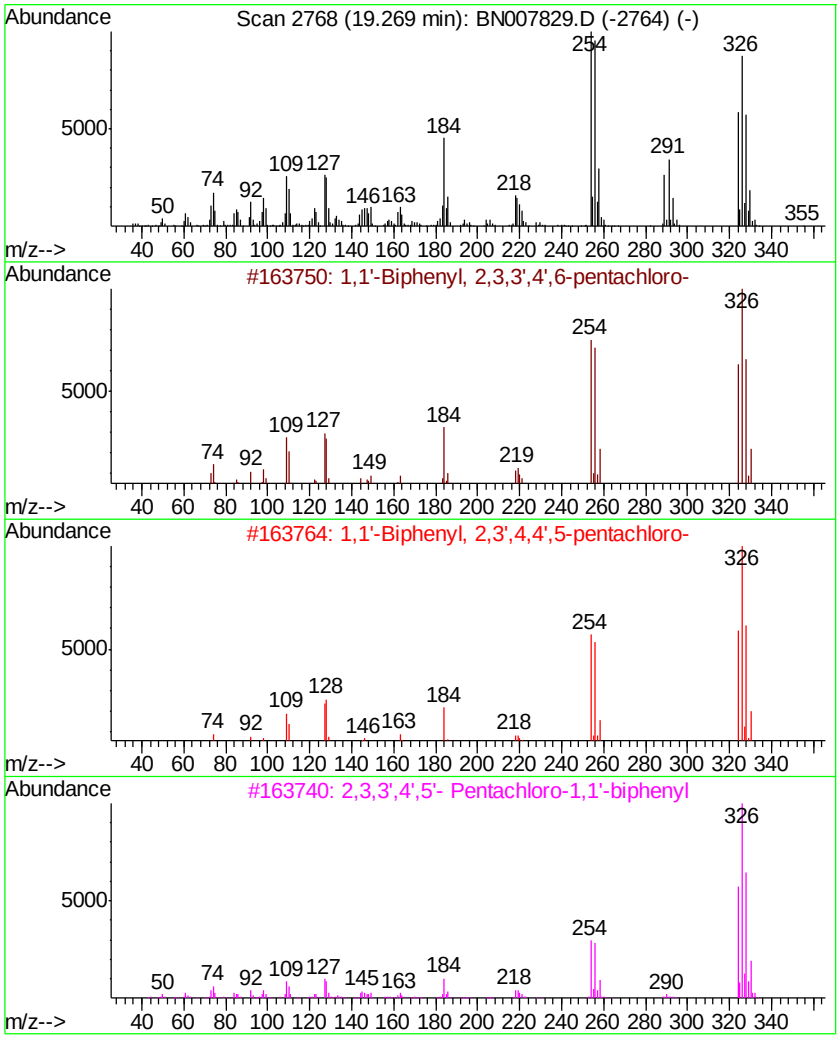
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

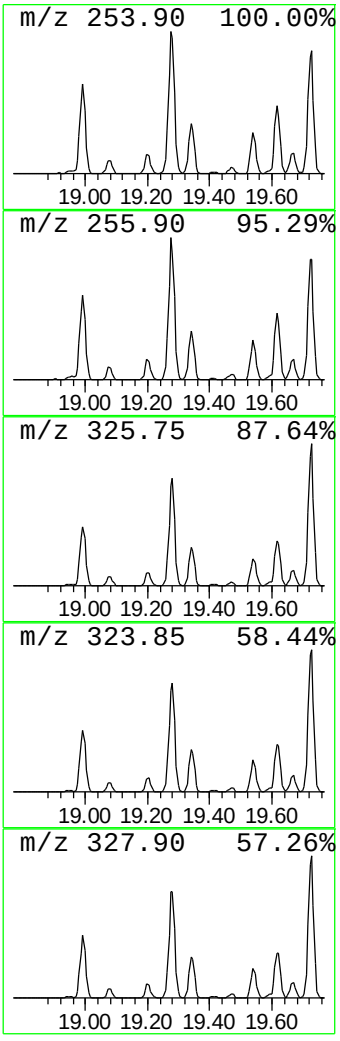
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	7.91 ng/ul	3342080	Chrysene-d12	21.26

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, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
4	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	99
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99





Library Search Compound Report

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Data File : BN007829.D
Acq On : 24 Sep 2019 08:16
Operator : HP/JU
Sample : K4977-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AT6

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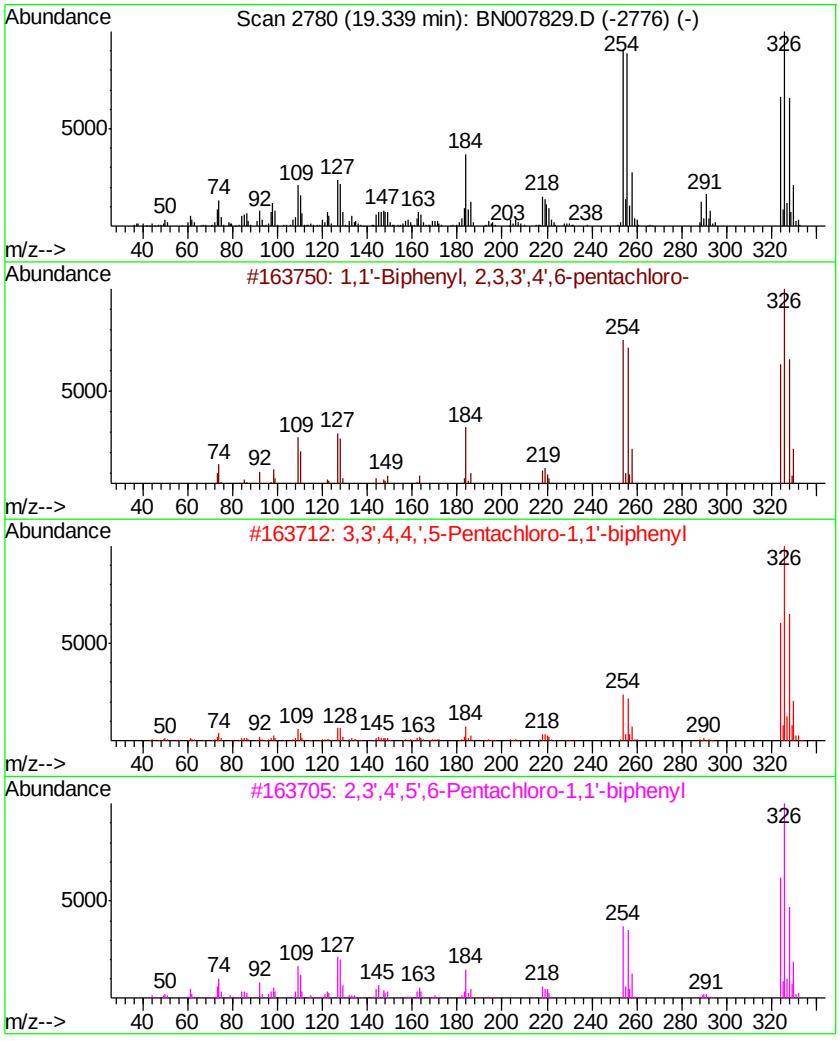
Quant Title : SVOA CALIBRATION

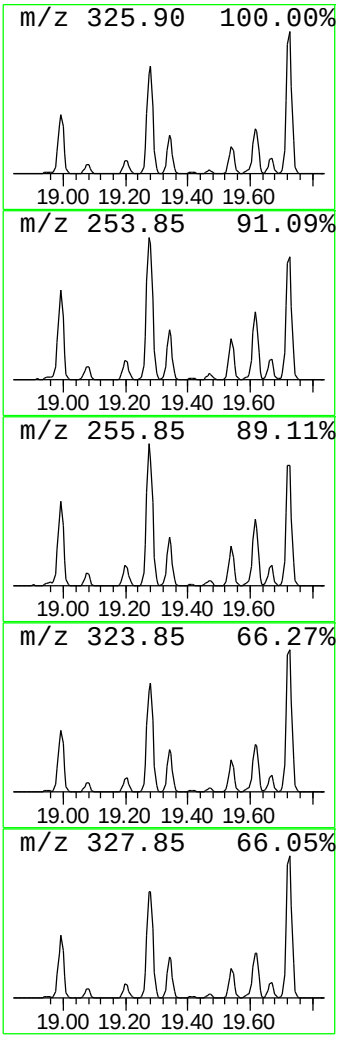
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 3,3',4,4',5-Pentachloro-1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	2.45 ng/ul	1036030	Chrysene-d12	21.26

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	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
3	2,3',4',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	074472-39-2	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'-biph...	324	C12H5Cl5	070424-69-0	99





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Data File : BN007829.D
Acq On : 24 Sep 2019 08:16
Operator : HP/JU
Sample : K4977-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AT6

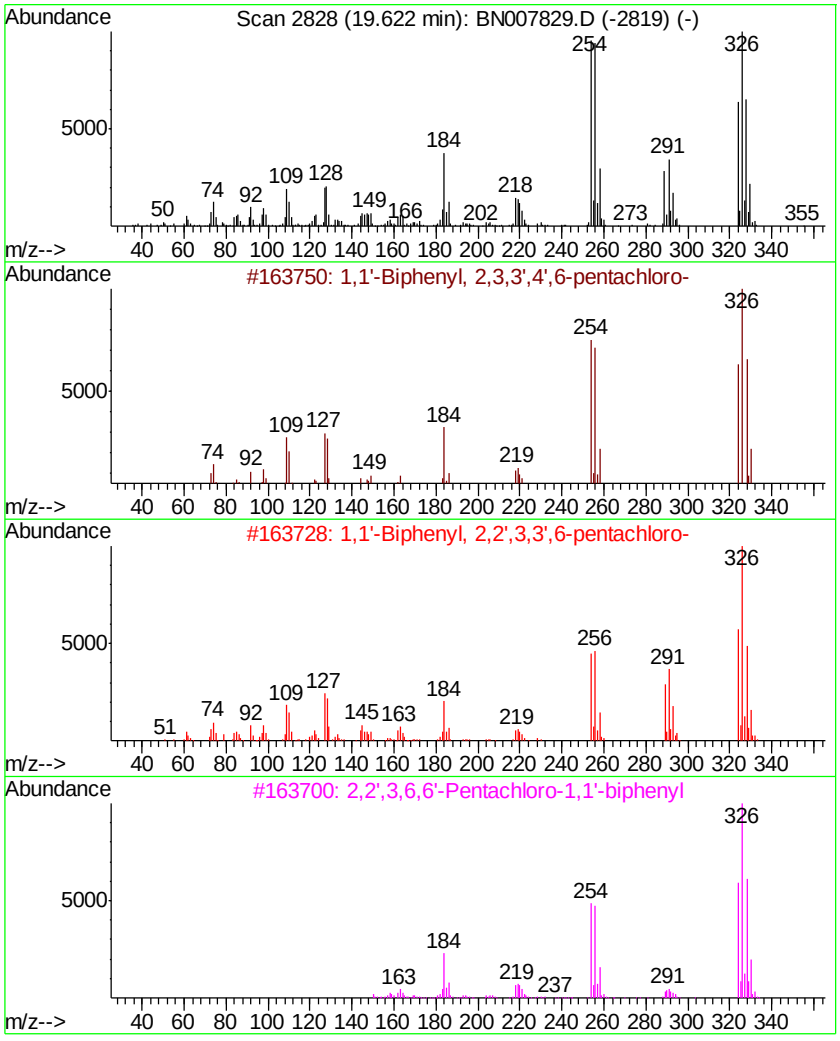
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

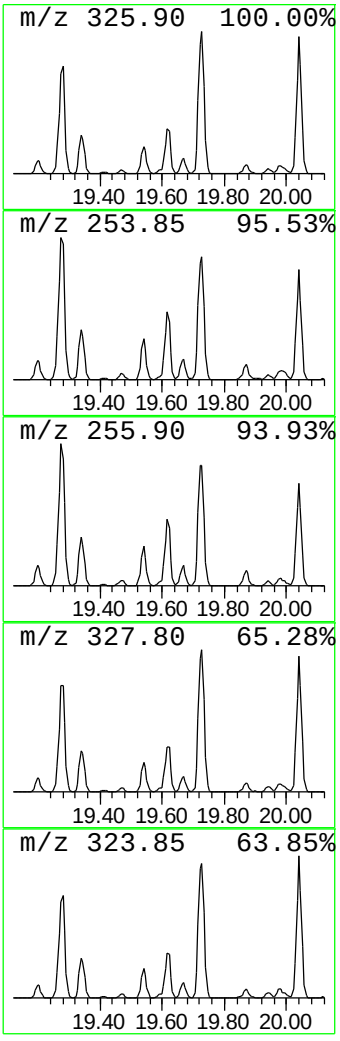
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,2',3,6,6'-Pentachloro-1,1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	3.53 ng/ul	1490890	Chrysene-d12	21.26

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',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
3	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
4	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





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Acq On : 24 Sep 2019 08:16
Operator : HP/JU
Sample : K4977-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AT6

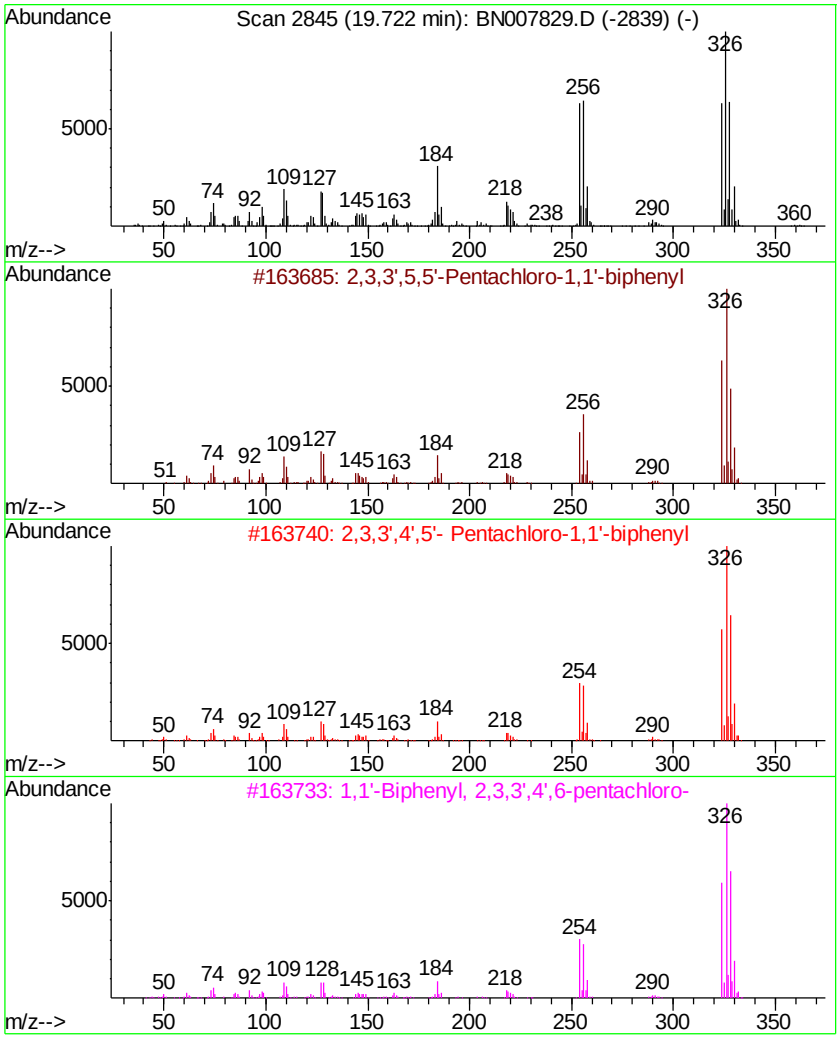
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

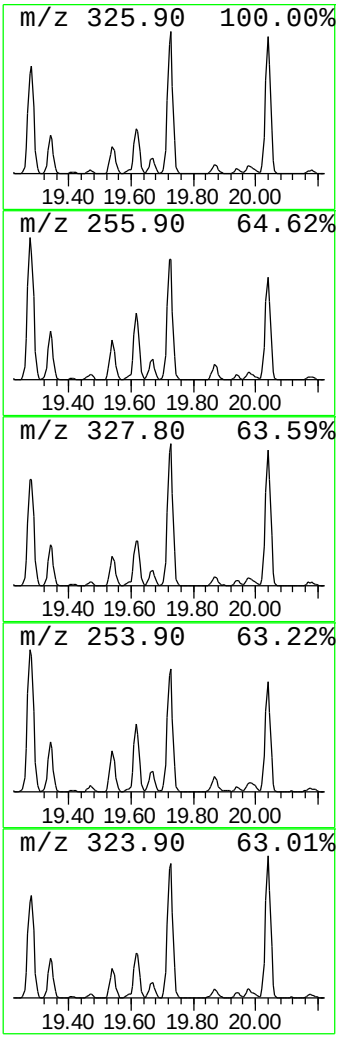
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	7.82 ng/ul	3305780	Chrysene-d12	21.26

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	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007829.D
Acq On : 24 Sep 2019 08:16
Operator : HP/JU
Sample : K4977-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AT6

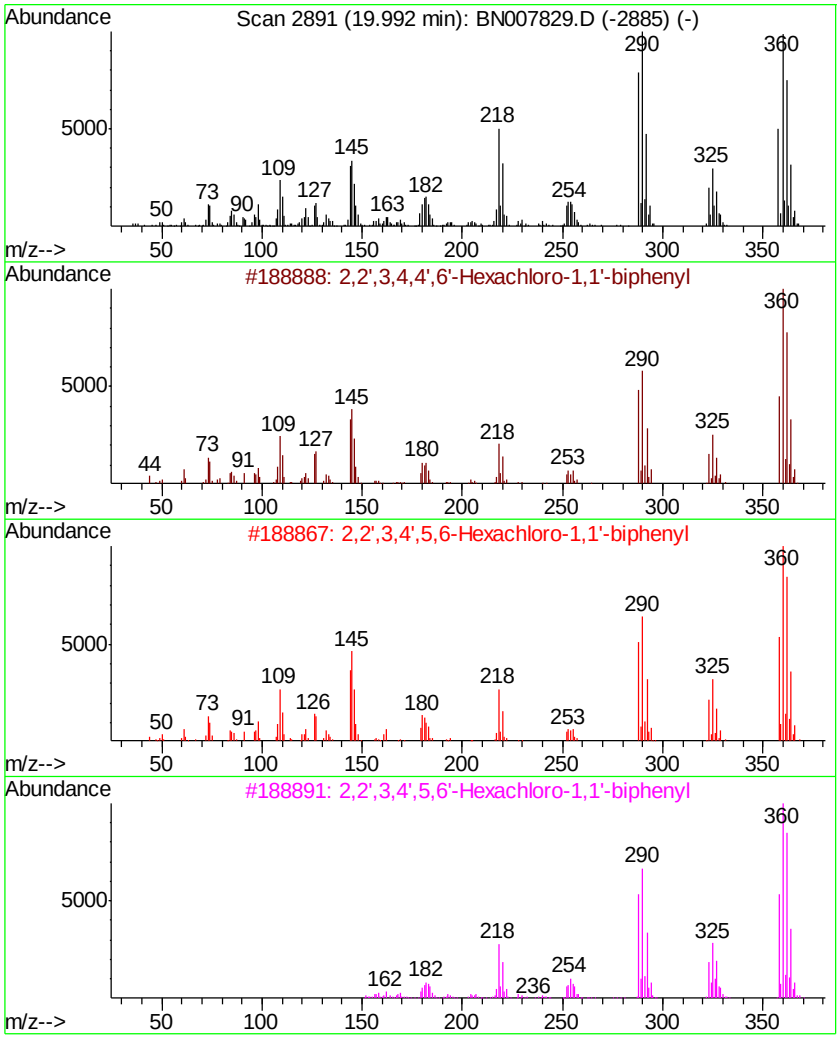
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

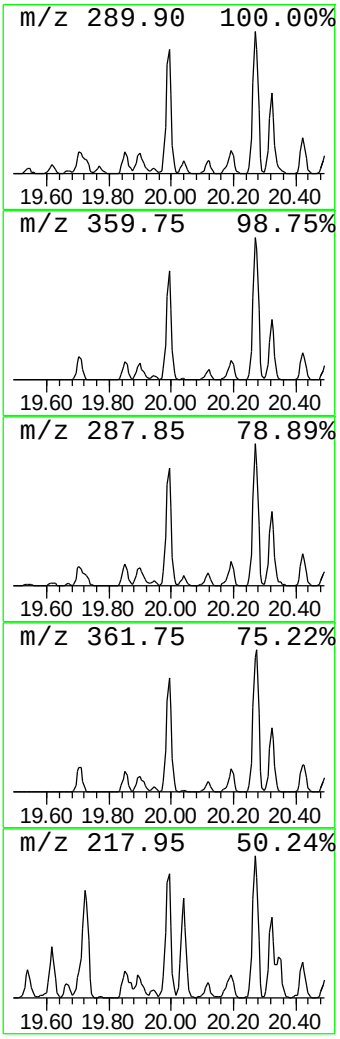
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2,2',3,4,4',6'-Hexachloro-1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	3.54 ng/ul	1496260	Chrysene-d12	21.26

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	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
3	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
4	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
5	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99





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Operator : HP/JU
Sample : K4977-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

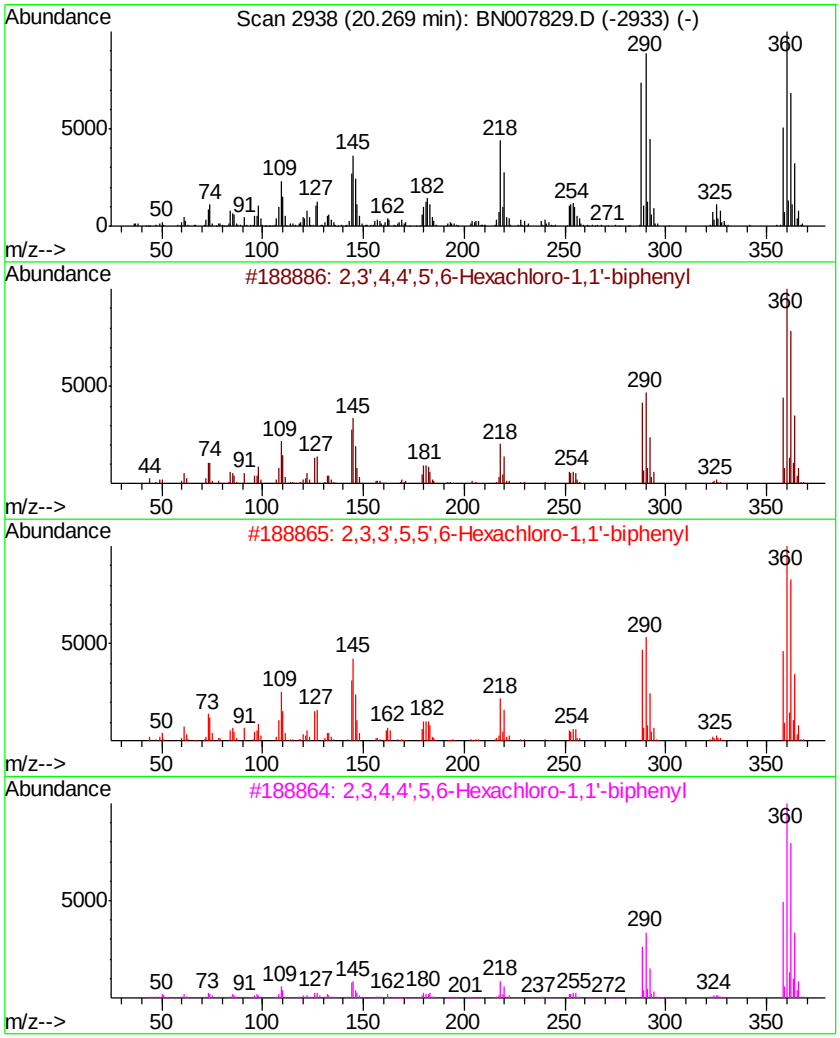
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

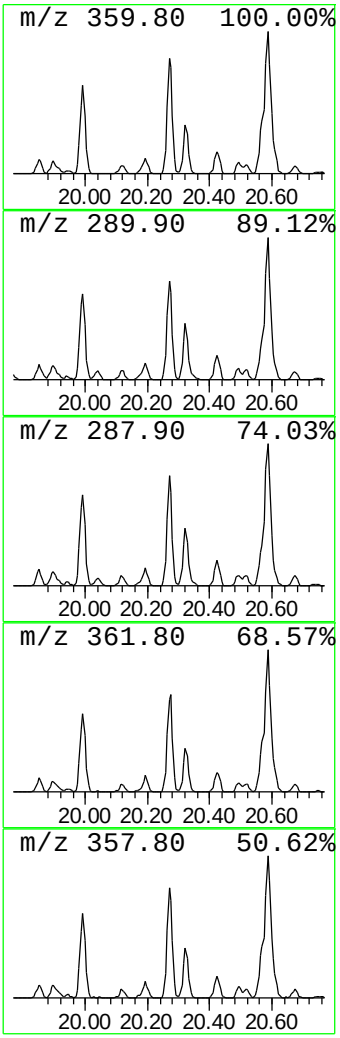
****

Peak Number 12 2,3',4,4',5',6-Hexachloro-1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	3.61 ng/ul	1524710	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
2	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99
3	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99





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Operator : HP/JU
Sample : K4977-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

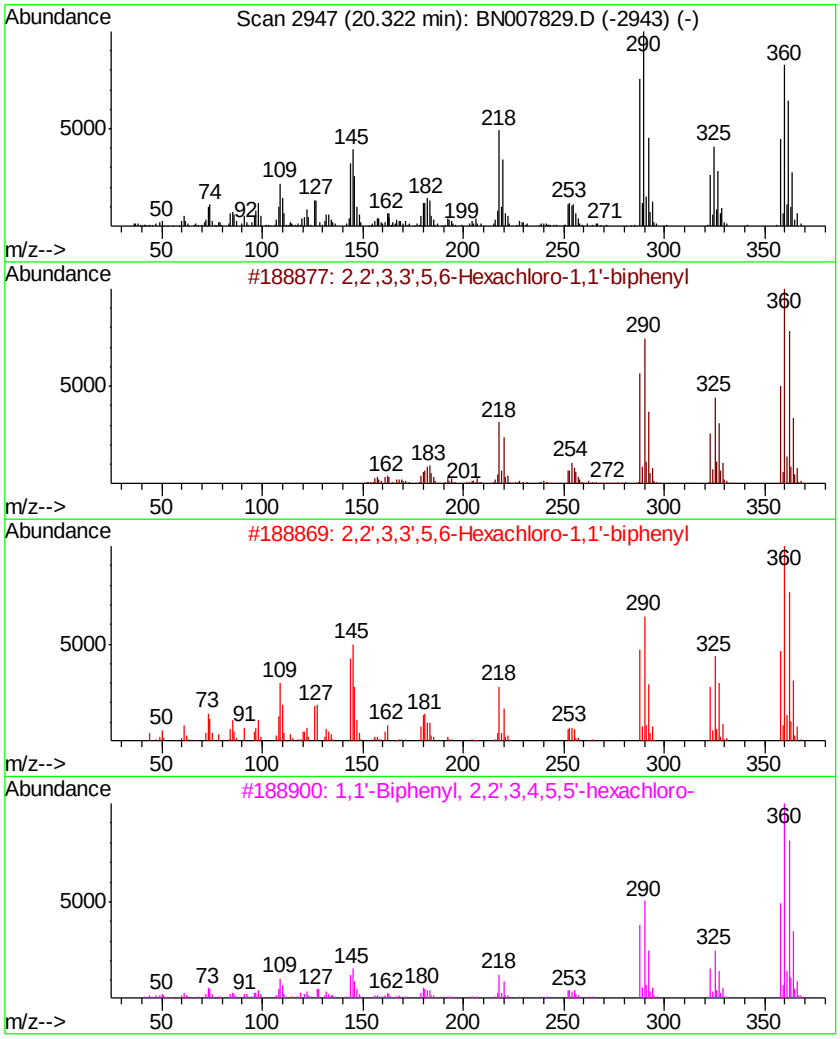
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

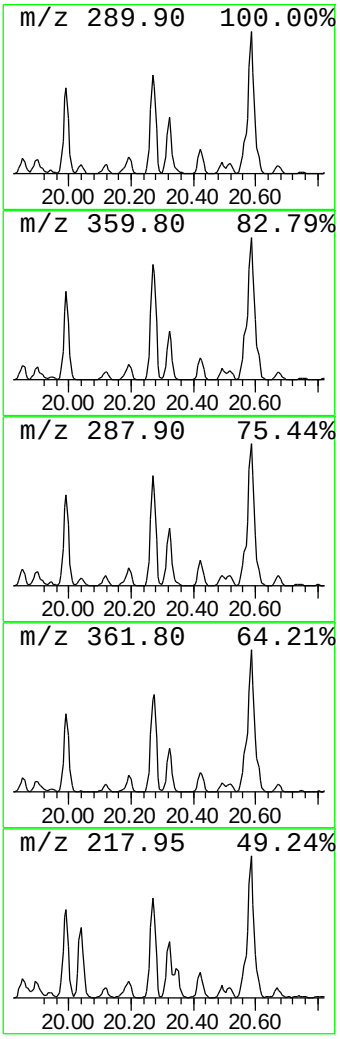
****

Peak Number 13 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	2.13 ng/ul	900394	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
2	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
3	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
5	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99





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Operator : HP/JU
Sample : K4977-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AT6

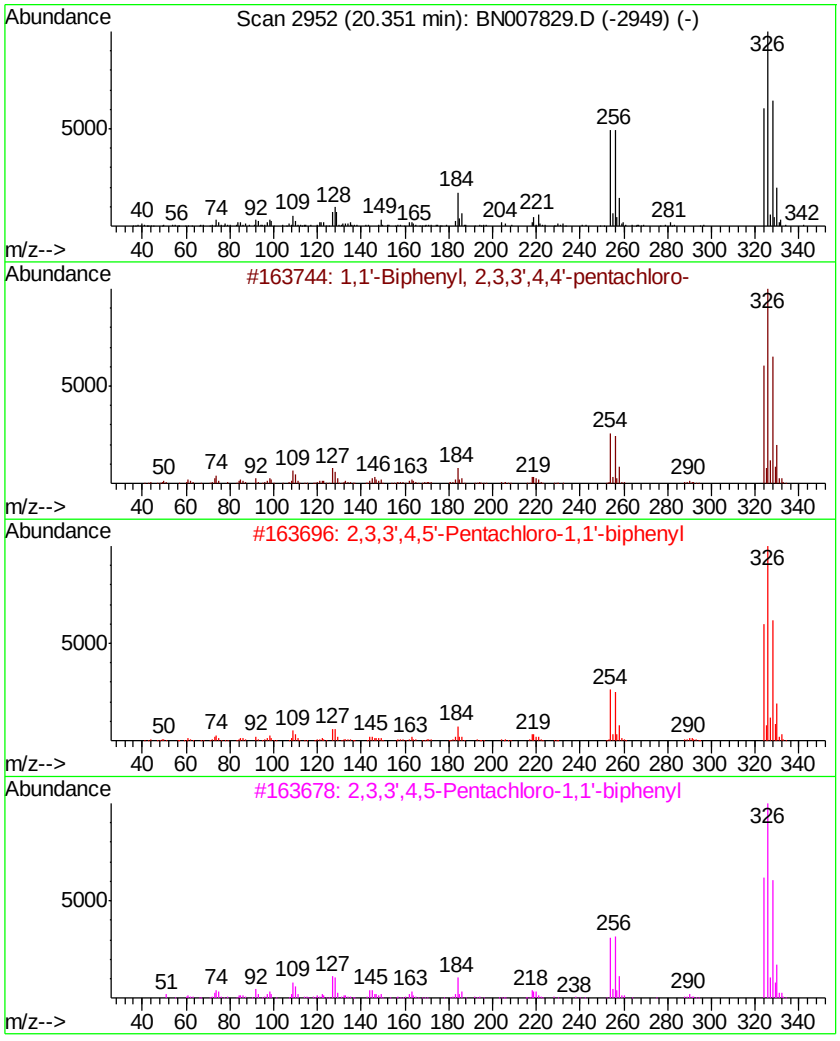
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

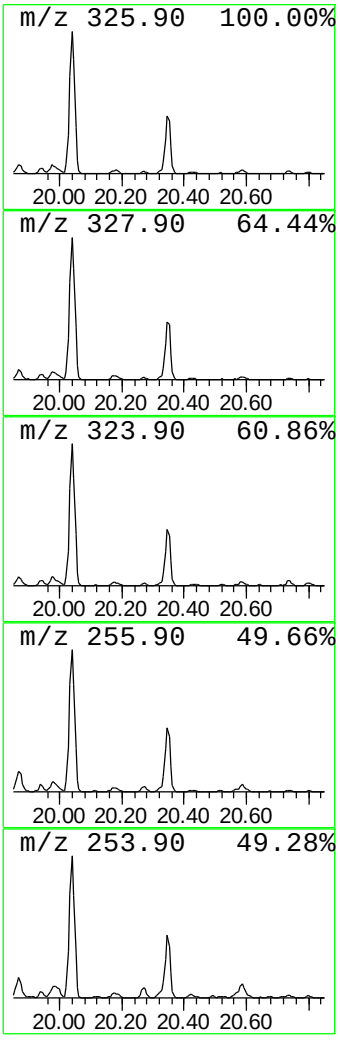
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.35	2.45 ng/ul	1035010	Chrysene-d12	21.26

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	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	98
3	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	97
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	97
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092319\
Data File : BN007829.D
Acq On : 24 Sep 2019 08:16
Operator : HP/JU
Sample : K4977-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AT6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	3.02	2.4	ng/ul	484364	1	7.69	3963370	20.0
(DEL) Alkane: Str...	3.18	7.0	ng/ul	1395970	1	7.69	3963370	20.0
1,1'-Biphenyl, 2,...	18.14	3.1	ng/ul	1290700	4	17.06	8260950	20.0
2,3,3',6-Tetrachl...	18.96	2.3	ng/ul	951887	4	17.06	8260950	20.0
1,1'-Biphenyl, 2,...	18.99	5.3	ng/ul	2199970	4	17.06	8260950	20.0
1,1'-Biphenyl, 2,...	19.27	7.9	ng/ul	3342080	5	21.26	8454850	20.0
3,3',4,4,',5-Pent...	19.34	2.5	ng/ul	1036030	5	21.26	8454850	20.0
2,2',3,6,6'-Penta...	19.62	3.5	ng/ul	1490890	5	21.26	8454850	20.0
2,3,3',5,5'-Penta...	19.72	7.8	ng/ul	3305780	5	21.26	8454850	20.0
2,2',3,4,4',6'-He...	19.99	3.5	ng/ul	1496260	5	21.26	8454850	20.0
2,3',4,4',5',6-He...	20.27	3.6	ng/ul	1524710	5	21.26	8454850	20.0
2,2',3,3',5,6-Hex...	20.32	2.1	ng/ul	900394	5	21.26	8454850	20.0
1,1'-Biphenyl, 2,...	20.35	2.5	ng/ul	1035010	5	21.26	8454850	20.0