LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047181.D
Acq On : 31 Oct 2020 9:04
Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

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_G\METHODS\SOM-EPA-BG102220MA.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	3.390	5	9	18	rVB	579504	637546	57.18%	5.647%
2	3.707	60	63	64	rBV3	2540	2902	0.26%	0.026%
3	3.736	64	68	72	rVB2	16438	20107	1.80%	0.178%
4	3.842	84	86	92	rVB2	1278	1876	0.17%	0.017%
5	4.024	115	117	121	rBV3	1731	2666	0.24%	0.024%
6	4.118	129	133	134	rBV3	1826	2027	0.18%	0.018%
7	4.218	146	150	155	rVB5	4161	6509	0.58%	0.058%
8	4.770	241	244	245	rBV	1815	1630	0.15%	0.014%
9	5.058	291	293	298	rVB2	955	1693	0.15%	0.015%
10	5.376	342	347	348	rBV2	1464	2133	0.19%	0.019%
11	5.387	348	349	354	rVB2	1542	1847	0.17%	0.016%
12	6.527	540	543	548	rBV2	1236	2418	0.22%	0.021%
13	7.767	749	754	756	rBV	1043	1749	0.16%	0.015%
14	8.049	796	802	812	rBV	240183	410163	36.78%	3.633%
15	8.178	821	824	830	rVB4	2343	3563	0.32%	0.032%
16	8.255	833	837	841	rBV2	1358	1914	0.17%	0.017%
17	10.035	1138	1140	1145	rVB	2053	2536	0.23%	0.022%
18	10.246	1174	1176	1179	rBV	1311	1648	0.15%	0.015%
19	10.546	1226	1227	1231	rBV2	2015	2276	0.20%	0.020%
20	10.863	1271	1281	1293	rBV	302161	550511	49.37%	4.876%
21	10.998	1302	1304	1307	rVB2	2334	1591	0.14%	0.014%
22	11.134	1321	1327	1329	rBV2	1951	3549	0.32%	0.031%
23	11.333	1358	1361	1364	rBV2	3535	3944	0.35%	0.035%
24	11.557	1398	1399	1403	rVB2	1914	2056	0.18%	0.018%
25	11.627	1408	1411	1413	rVV	2181	2378	0.21%	0.021%
26	11.956	1464	1467	1472	rBV2	1115	1676	0.15%	0.015%
27	12.279	1519	1522	1527	rBV	1628	2929	0.26%	0.026%
28	12.555	1566	1569	1571	rBV	1807	2054	0.18%	0.018%
29	13.495	1722	1729	1731	rBV3	4143	7035	0.63%	0.062%
30	14.018	1815	1818	1823	rVB2	1108	1826	0.16%	0.016%
31	14.465	1889	1894	1895	rBV2	1141	1733	0.16%	0.015%
32	14.571	1910	1912	1917	rVB	2104	2487	0.22%	0.022%
33	14.682	1924	1931	1940	rBV	478641	755035	67.71%	6.688%
34	15.193	2014	2018	2023	rVB	1010	1836	0.16%	0.016%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

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_G\METHODS\SOM-EPA-BG102220MA.M
Title : SVOA CALIBRATION

35	15.528	2072	2075	2077	rBV2	1599	1935	0.17%	0.017%
36	16.386	2217	2221	2223	rBV5	2483	4156	0.37%	0.037%
37	16.709	2272	2276	2282	rBV2	1261	2083	0.19%	0.018%
38	17.168	2351	2354	2359	rVV3	3438	5687	0.51%	0.050%
39	17.221	2359	2363	2366	rVB4	1349	2579	0.23%	0.023%
40	17.426	2391	2398	2404	rBV	600163	907777	81.41%	8.041%
41	17.526	2412	2415	2417	rBV4	2010	1985	0.18%	0.018%
42	17.632	2432	2433	2436	rBV2	2437	2443	0.22%	0.022%
43	17.767	2452	2456	2459	rBV3	1361	2329	0.21%	0.021%
44	17.884	2475	2476	2479	rBV2	1800	1656	0.15%	0.015%
45	17.914	2479	2481	2484	rVB3	2652	1653	0.15%	0.015%
46	17.967	2489	2490	2493	rBV2	2635	1999	0.18%	0.018%
47	18.025	2495	2500	2501	rBV4	3882	5703	0.51%	0.051%
48	18.037	2501	2502	2505	rVV	5313	2897	0.26%	0.026%
49	18.184	2524	2527	2532	rBV	1521	2661	0.24%	0.024%
50	18.319	2547	2550	2551	rBV	2078	2495	0.22%	0.022%
51	18.413	2563	2566	2569	rVB2	2065	2358	0.21%	0.021%
52	18.490	2573	2579	2584	rBV2	127200	167932	15.06%	1.488%
53	18.548	2584	2589	2594	rVV3	30398	41679	3.74%	0.369%
54	18.601	2594	2598	2603	rVB5	13800	18657	1.67%	0.165%
55	18.772	2622	2627	2631	rVV2	54767	77239	6.93%	0.684%
56	18.819	2633	2635	2639	rVB3	5007	6818	0.61%	0.060%
57	18.907	2646	2650	2654	rBV7	6395	11376	1.02%	0.101%
58	18.948	2654	2657	2665	rVB4	19088	25944	2.33%	0.230%
59	19.048	2673	2674	2678	rVB4	6954	6282	0.56%	0.056%
60	19.077	2678	2679	2681	rBV2	3493	2729	0.24%	0.024%
61	19.224	2702	2704	2706	rBV3	5334	4930	0.44%	0.044%
62	19.253	2706	2709	2713	rVB3	23797	28516	2.56%	0.253%
63	19.306	2713	2718	2719	rBV	78137	96145	8.62%	0.852%
64	19.330	2719	2722	2731	rVB2	218261	316980	28.43%	2.808%
65	19.418	2733	2737	2743	rVB4	34051	46606	4.18%	0.413%
66	19.477	2745	2747	2751	rVB	13132	13200	1.18%	0.117%
67	19.535	2753	2757	2765	rBV5	53776	89988	8.07%	0.797%
68	19.612	2765	2770	2777	rVV2	376551	497016	44.57%	4.403%
69	19.676	2777	2781	2785	rVV2	126434	163632	14.67%	1.449%
70	19.723	2785	2789	2795	rVV	111982	136696	12.26%	1.211%
71	19.800	2799	2802	2805	rVV4	42726	53831	4.83%	0.477%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

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_G\METHODS\SOM-EPA-BG102220MA.M
Title : SVOA CALIBRATION

72	19.835	2805	2808	2811	rVV4	25385	33032	2.96%	0.293%
73	19.870	2811	2814	2820	rVV	101574	129409	11.61%	1.146%
74	19.953	2820	2828	2832	rVV2	161078	236115	21.18%	2.092%
75	20.000	2832	2836	2839	rVV4	54219	71407	6.40%	0.633%
76	20.058	2839	2846	2852	rVB	350657	501686	44.99%	4.444%
77	20.176	2863	2866	2868	rBV4	31787	42352	3.80%	0.375%
78	20.270	2879	2882	2884	rVB3	15678	16834	1.51%	0.149%
79	20.317	2884	2890	2894	rBV4	166208	257661	23.11%	2.282%
80	20.364	2894	2898	2906	rVB	330485	429026	38.48%	3.800%
81	20.446	2909	2912	2916	rVB5	23224	26956	2.42%	0.239%
82	20.511	2918	2923	2928	rBV9	46005	71695	6.43%	0.635%
83	20.593	2932	2937	2942	rBV	196028	248869	22.32%	2.205%
84	20.646	2942	2946	2948	rBV2	102808	131699	11.81%	1.167%
85	20.675	2948	2951	2957	rVB	145562	179915	16.14%	1.594%
86	20.758	2959	2965	2971	rBV2	145813	203347	18.24%	1.801%
87	20.822	2972	2976	2983	rBV	78833	128200	11.50%	1.136%
88	20.916	2983	2992	2999	rVB2	229495	442711	39.70%	3.922%
89	21.004	3004	3007	3012	rBV7	19768	25267	2.27%	0.224%
90	21.139	3028	3030	3033	rVB4	13443	12097	1.08%	0.107%
91	21.245	3044	3048	3053	rVB4	78751	113585	10.19%	1.006%
92	21.333	3059	3063	3067	rBV	53301	65240	5.85%	0.578%
93	21.539	3096	3098	3105	rVB4	38111	45162	4.05%	0.400%
94	21.692	3118	3124	3135	rVB	609526	1091057	97.85%	9.665%
95	21.880	3152	3156	3162	rVB2	67238	92427	8.29%	0.819%
96	22.491	3255	3260	3266	rVB2	61648	98231	8.81%	0.870%
97	23.178	3373	3377	3385	rVB2	61807	118386	10.62%	1.049%
98	23.989	3510	3515	3522	rVB2	73127	149197	13.38%	1.322%
99	24.923	3665	3674	3686	rVB	394888	1115046	100.00%	9.877%
100	31.339	4765	4766	4769	rBV3	7484	6019	0.54%	0.053%

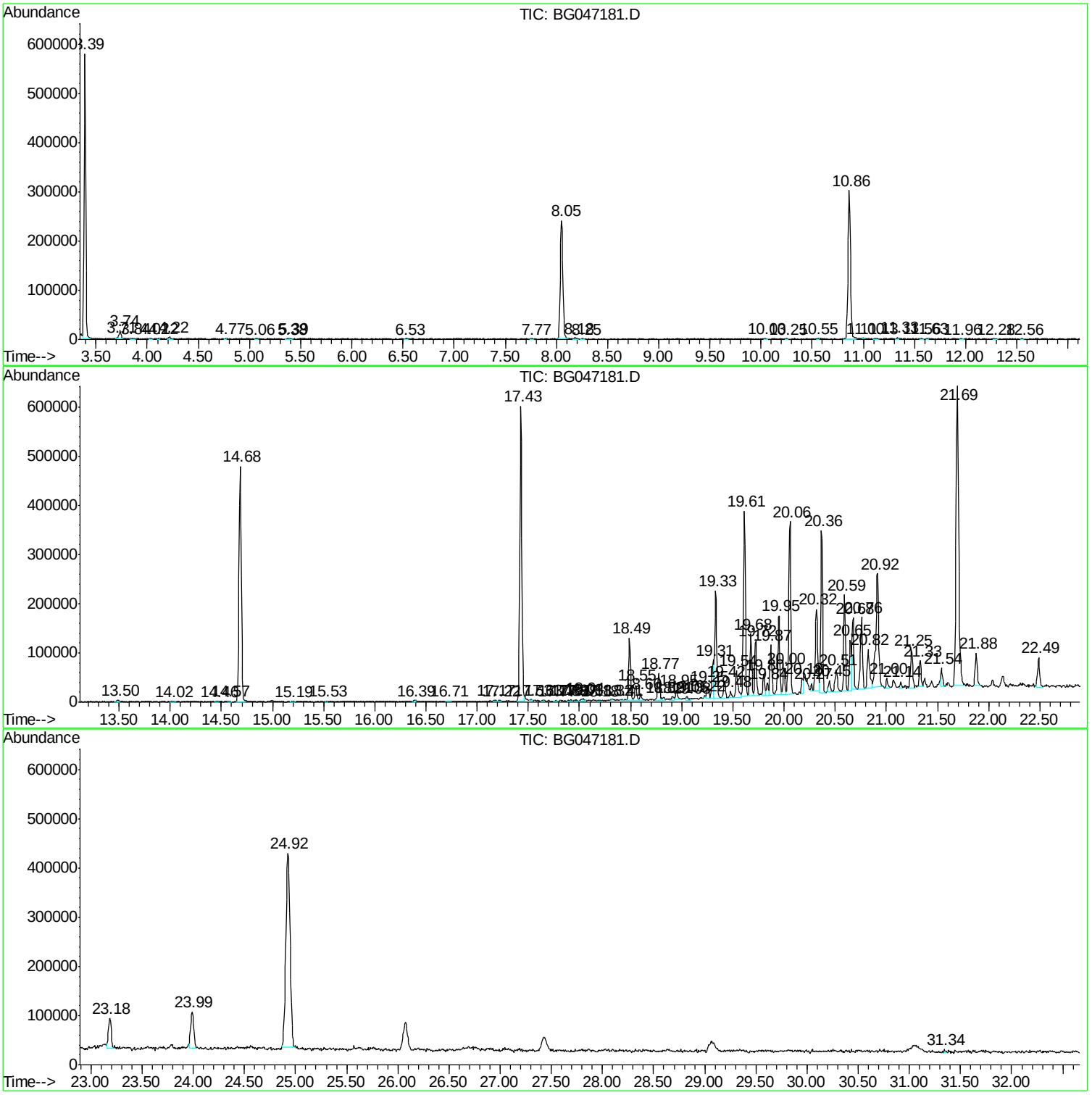
Sum of corrected areas: 11289063

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047181.D
Acq On : 31 Oct 2020 9:04
Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BN6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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 G\DATA\BG102920\
Data File : BG047181.D
Acq On : 31 Oct 2020 9:04
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Sample : L4507-19
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Instrument : BNA_G
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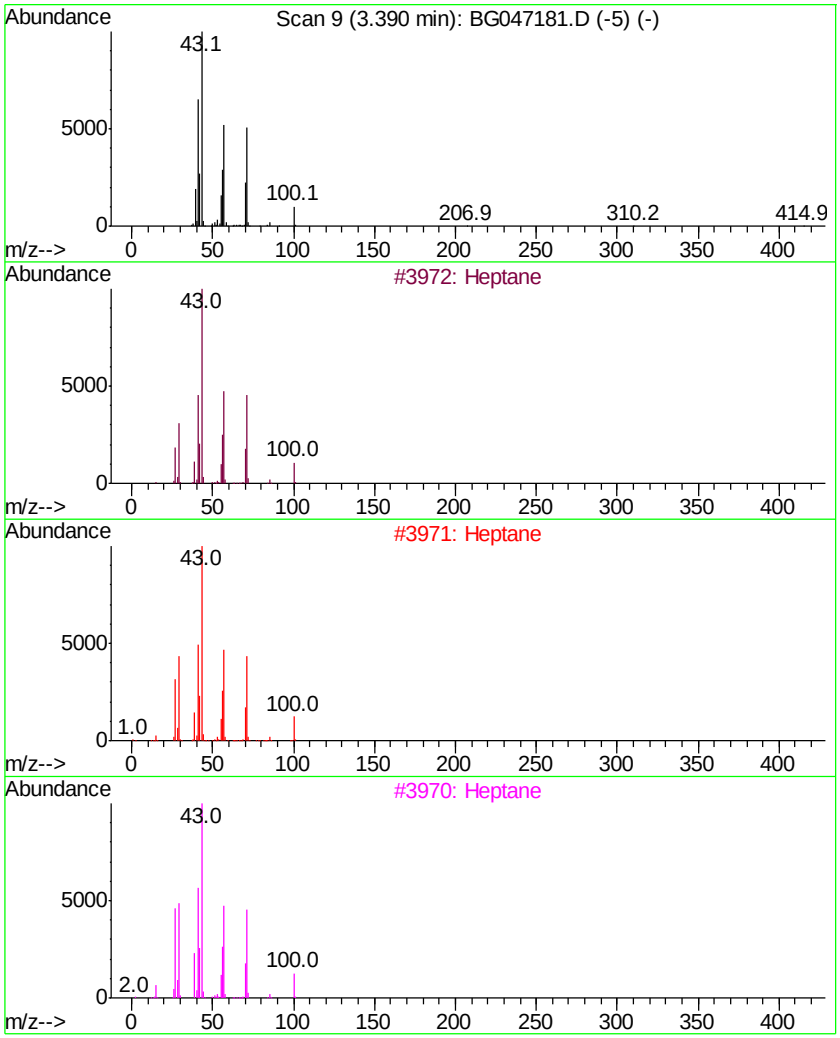
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

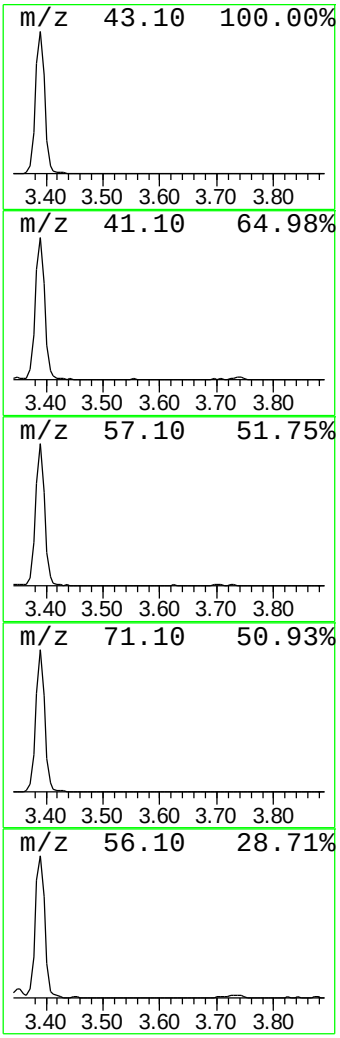
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	31.09 ng/ul	637546	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	90
2	Heptane	100	C7H16	000142-82-5	87
3	Heptane	100	C7H16	000142-82-5	87
4	Heptane	100	C7H16	000142-82-5	47
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047181.D
Acq On : 31 Oct 2020 9:04
Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

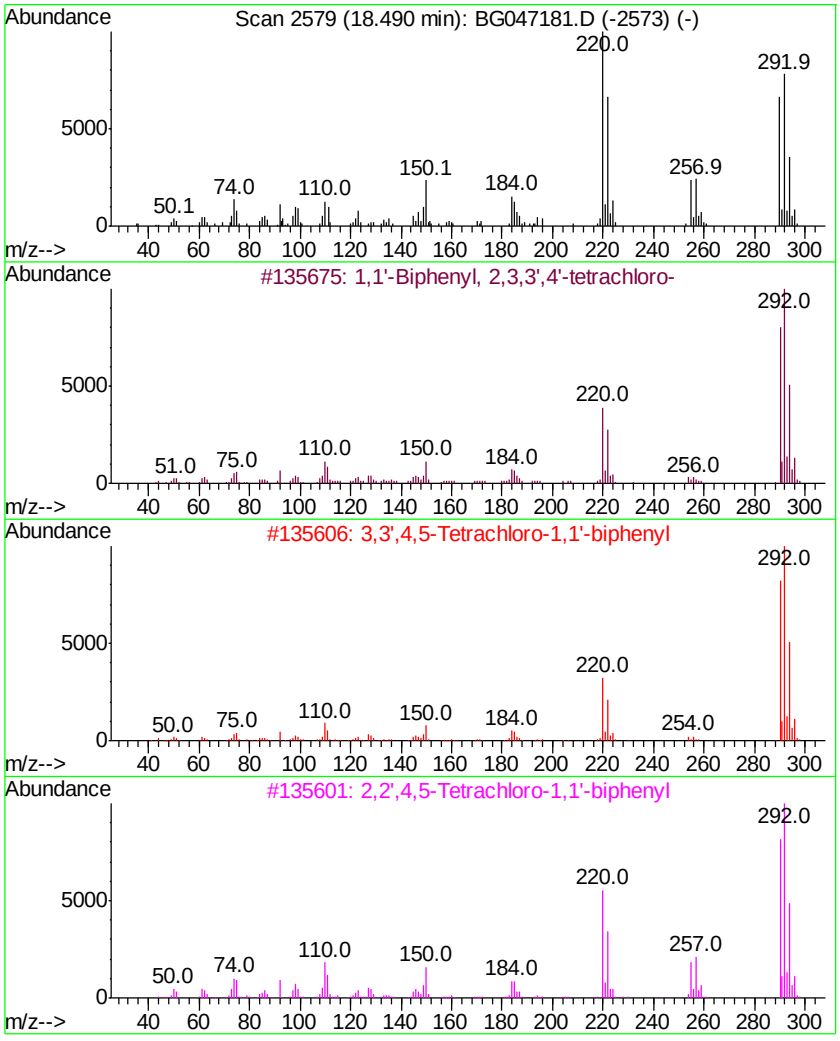
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

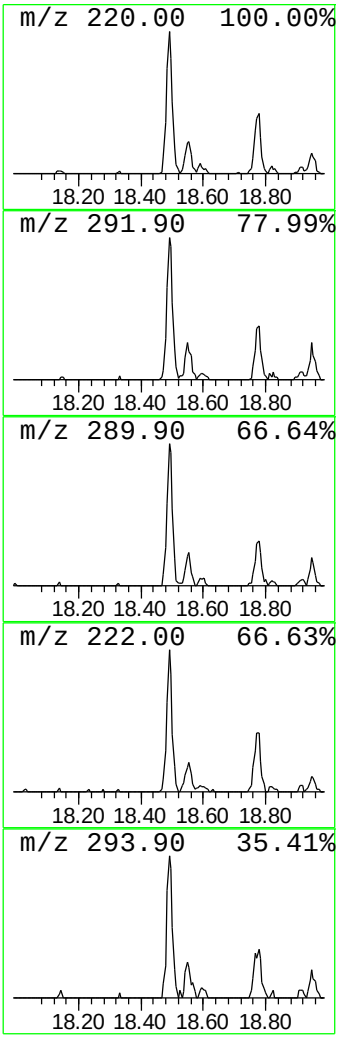
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	3.70 ng/ul	167932	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
2	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99





Library Search Compound Report

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Acq On : 31 Oct 2020 9:04
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ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

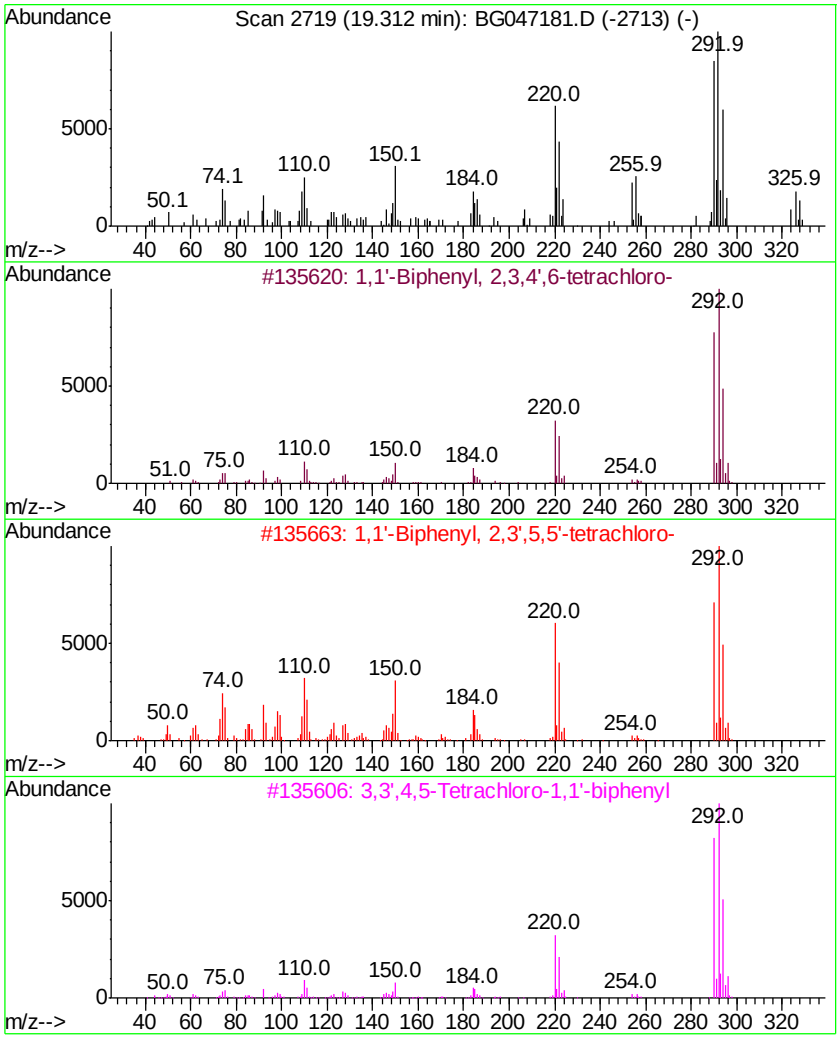
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

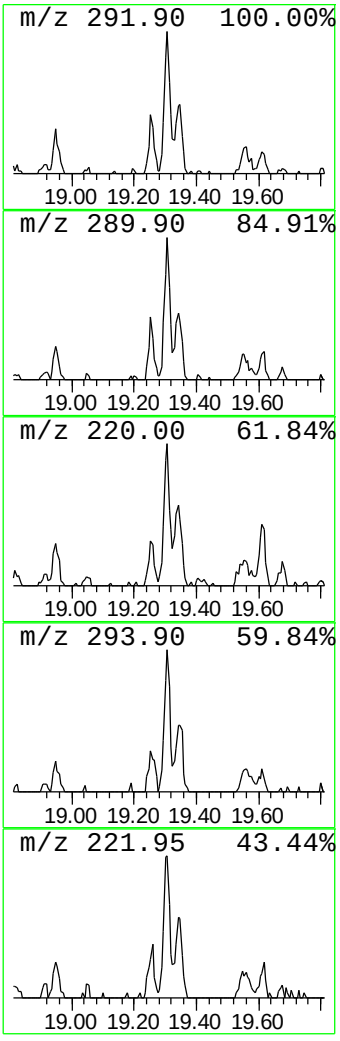
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	2.12 ng/ul	96145	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
3	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
4	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	98
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	98





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
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Acq On : 31 Oct 2020 9:04
Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

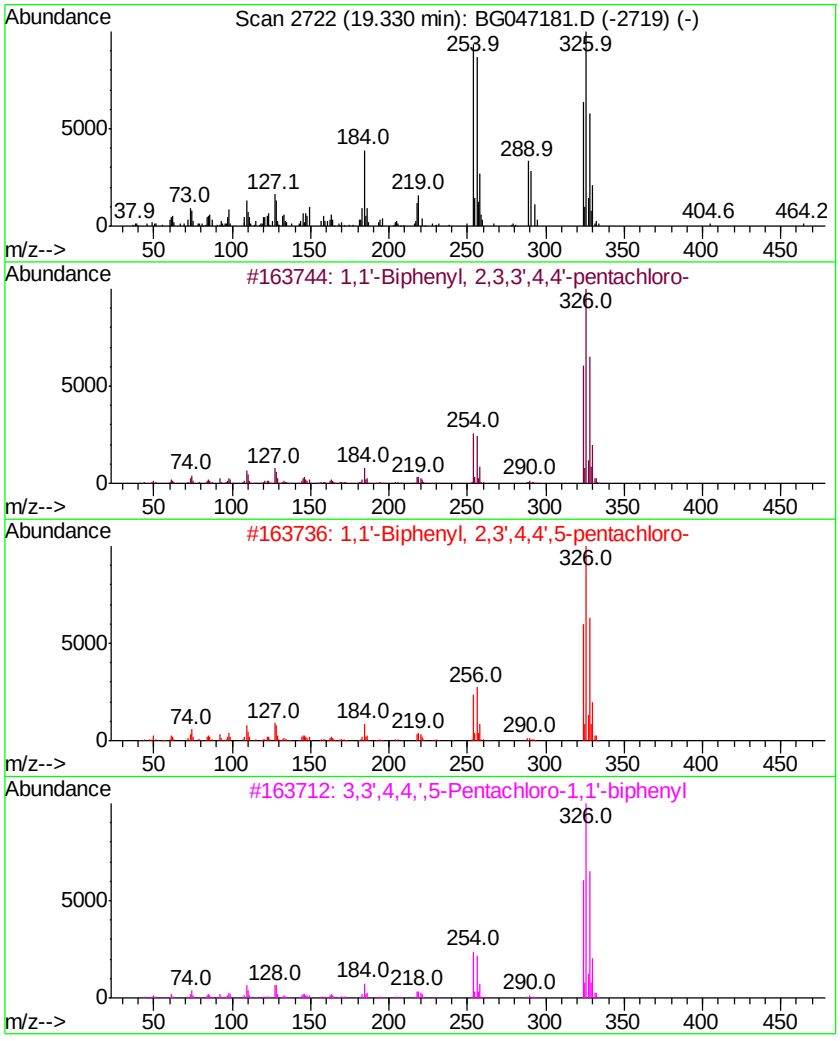
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

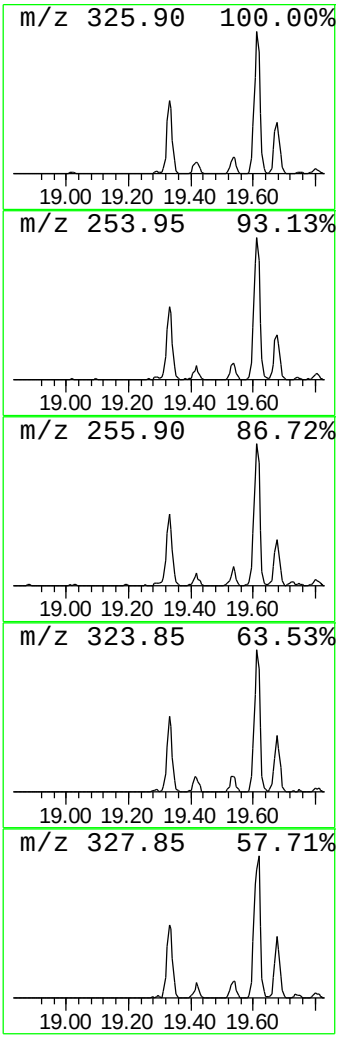
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	6.98 ng/ul	316980	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
4	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
5	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99





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Data File : BG047181.D
Acq On : 31 Oct 2020 9:04
Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

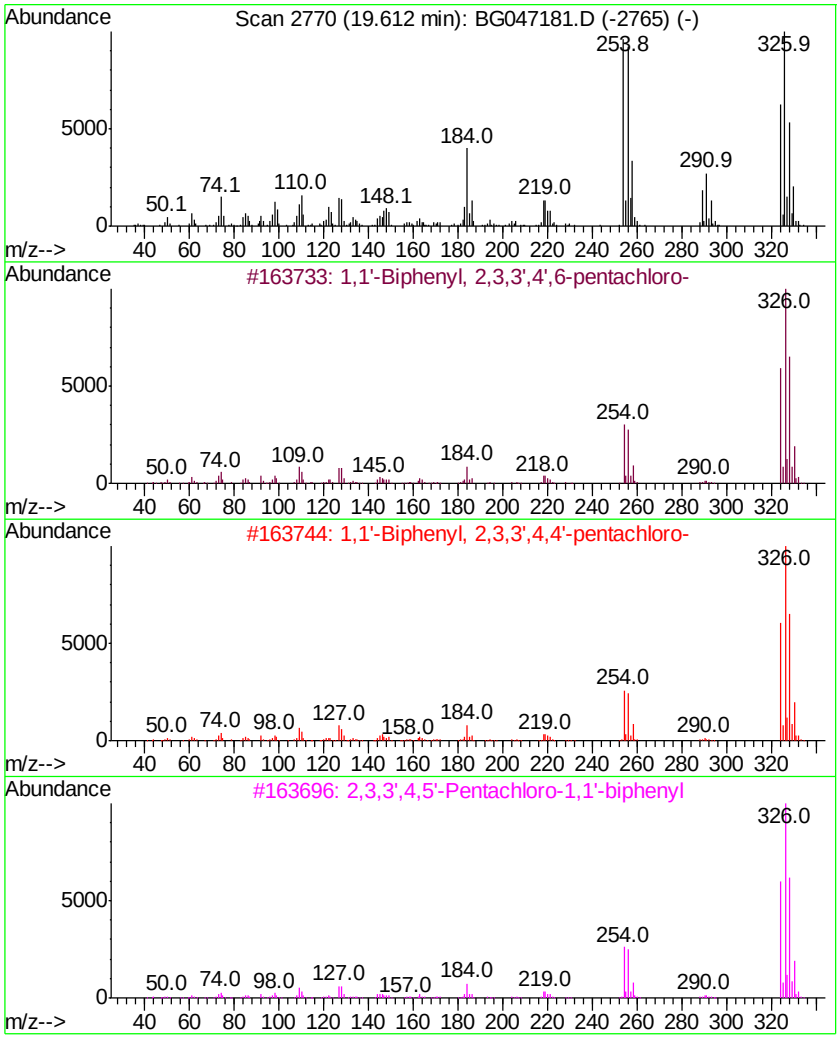
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

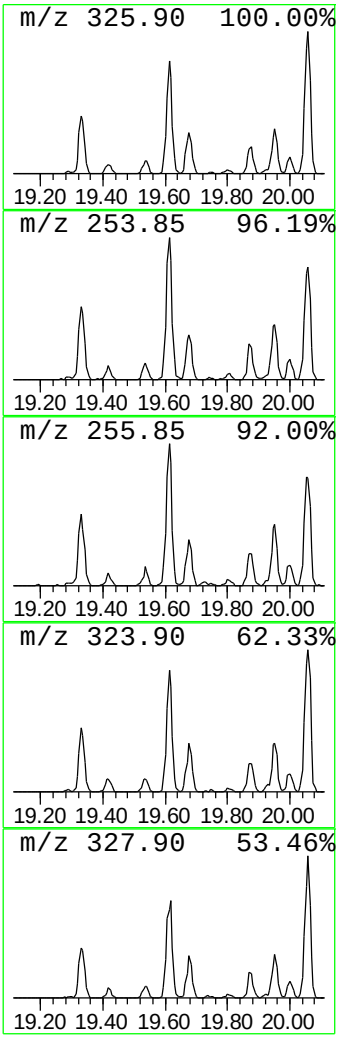
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	9.11 ng/ul	497016	Chrysene-d12	21.69

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, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	98
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	97
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	97





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Data File : BG047181.D
Acq On : 31 Oct 2020 9:04
Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

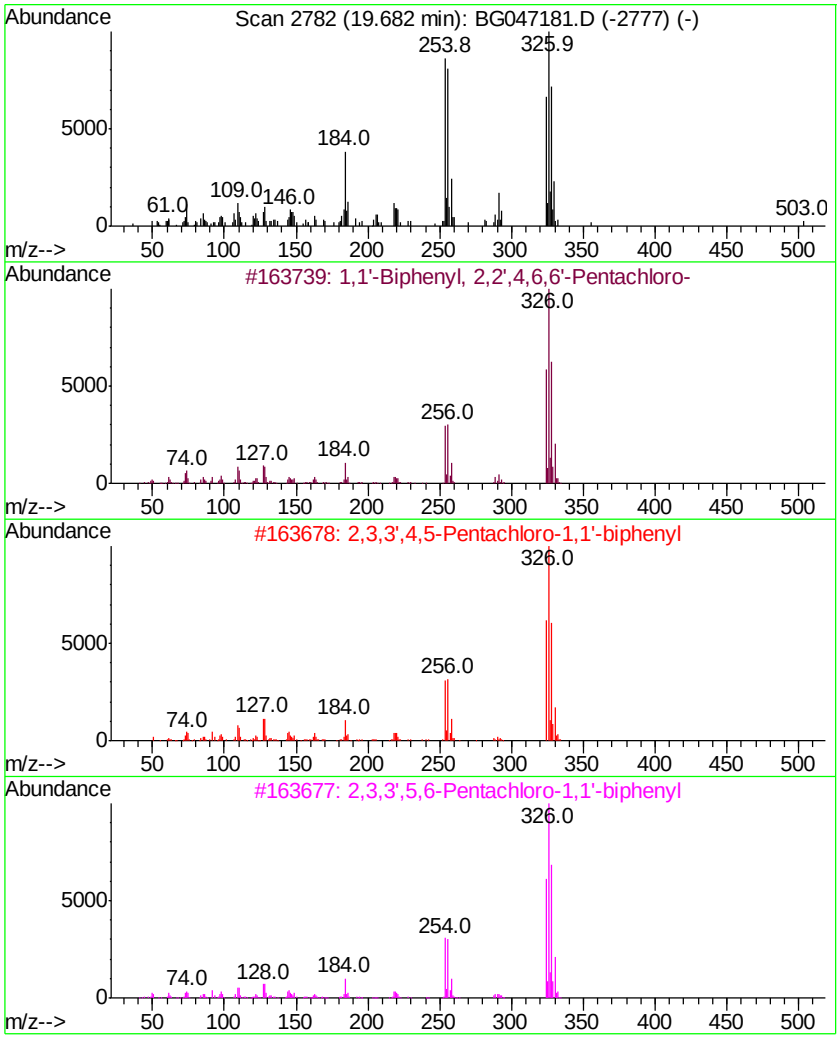
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

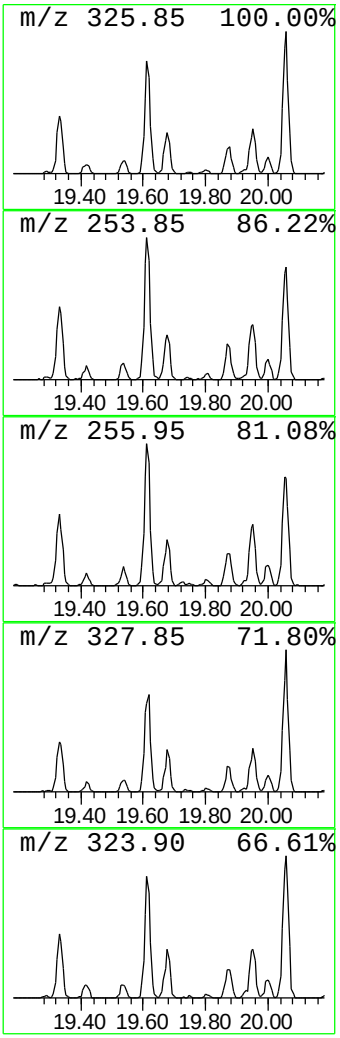
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,1'-Biphenyl, 2,2',4,6,6'-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	3.00 ng/ul	163632	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
2	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
3	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
4	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	97
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	97





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Acq On : 31 Oct 2020 9:04
Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

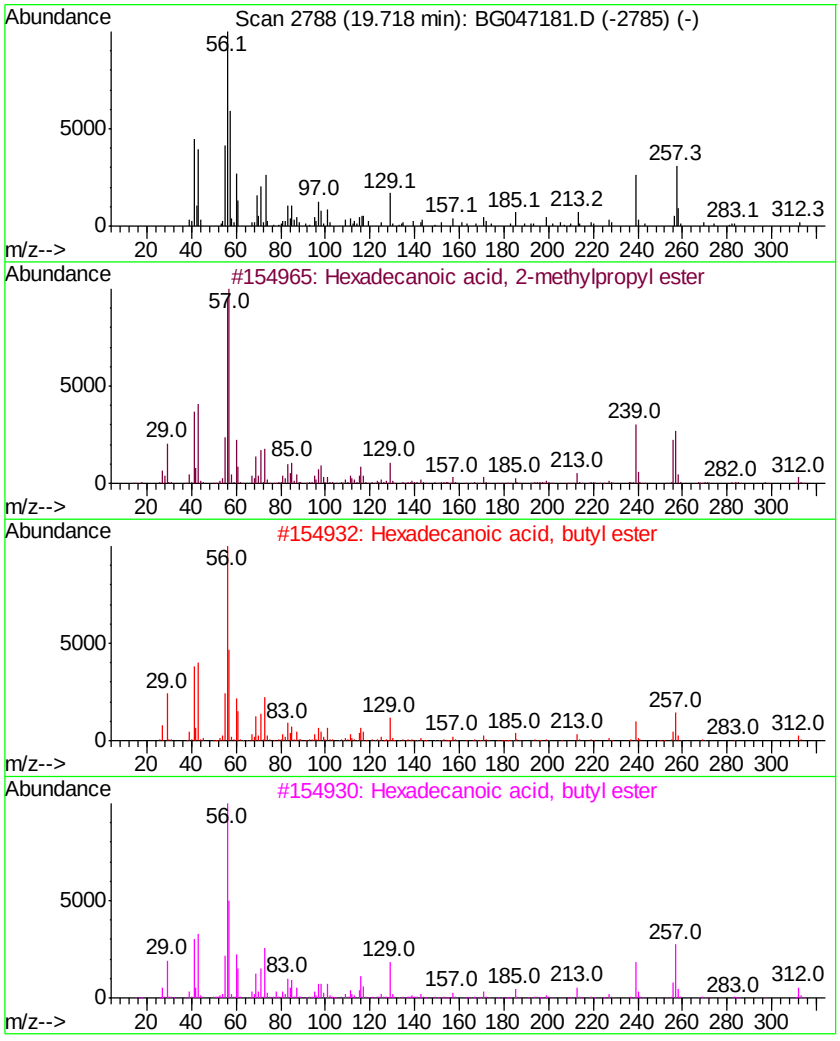
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

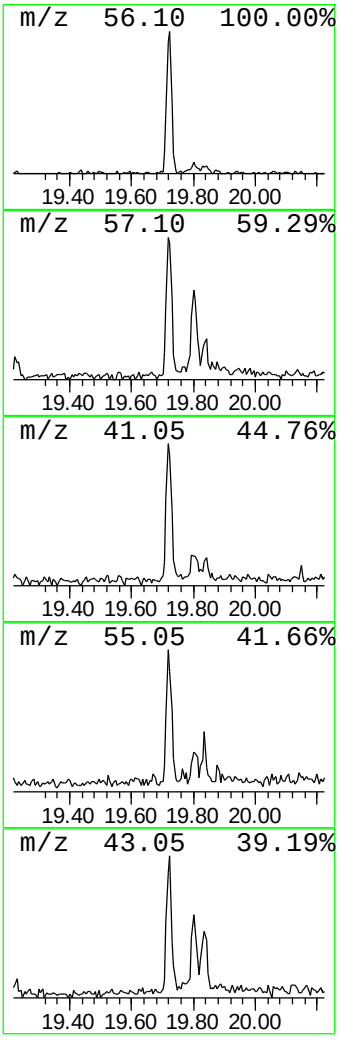
****

Peak Number 7 Hexadecanoic acid, 2-methyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	2.51 ng/ul	136696	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	91
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	53
4	Butyl myristate	284	C18H36O2	000110-36-1	47
5	2-Methyl-1-octadecene	266	C19H38	061868-20-0	35





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Data File : BG047181.D
Acq On : 31 Oct 2020 9:04
Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

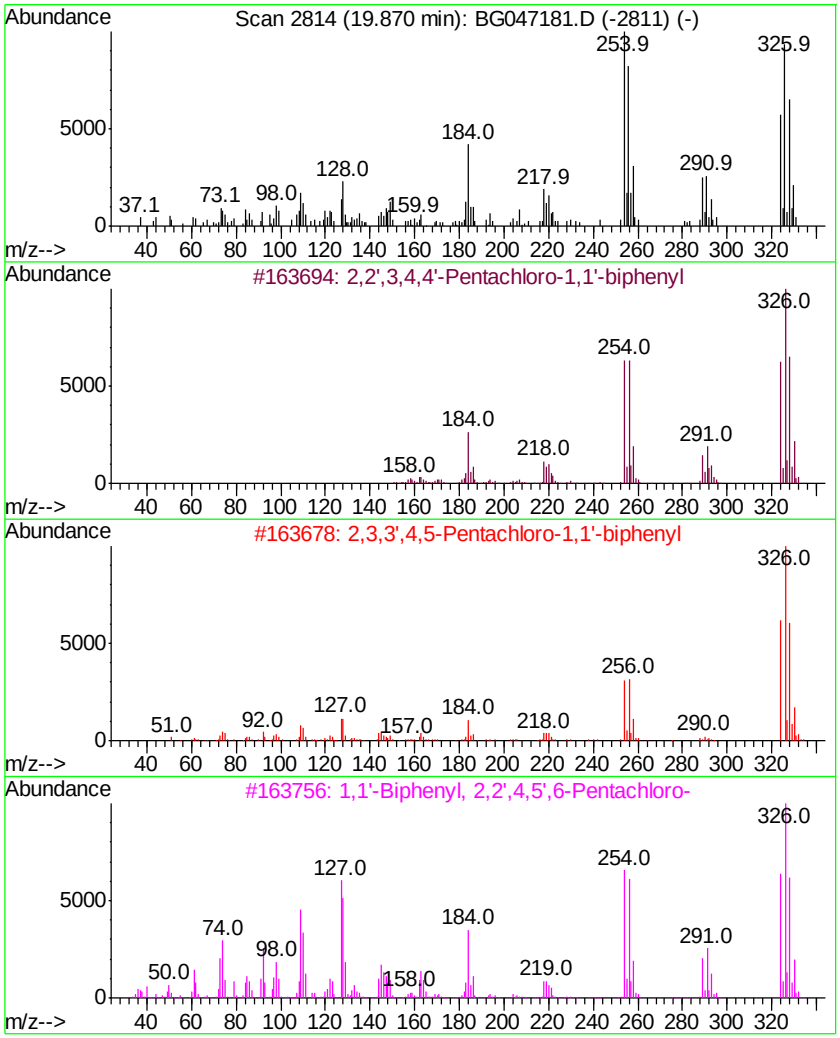
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

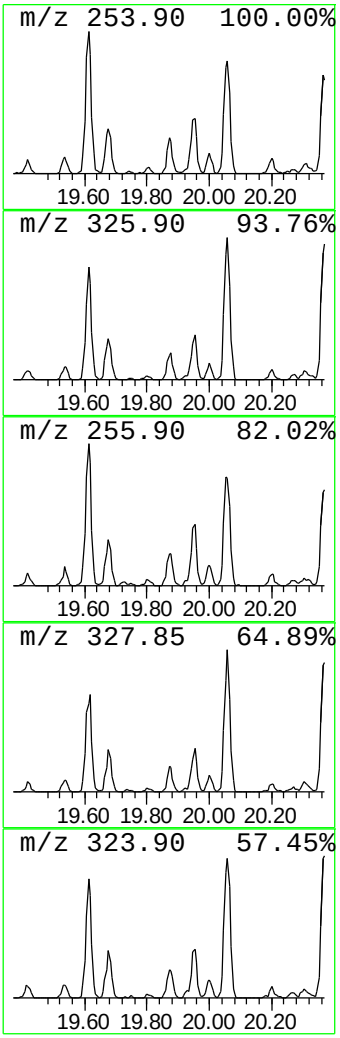
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	2.37 ng/ul	129409	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	96
2	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	95
3	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	94
4	1,1'-Biphenyl, 2,3',4,5,5'-penta...	324	C12H5Cl5	068194-12-7	94
5	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047181.D
Acq On : 31 Oct 2020 9:04
Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

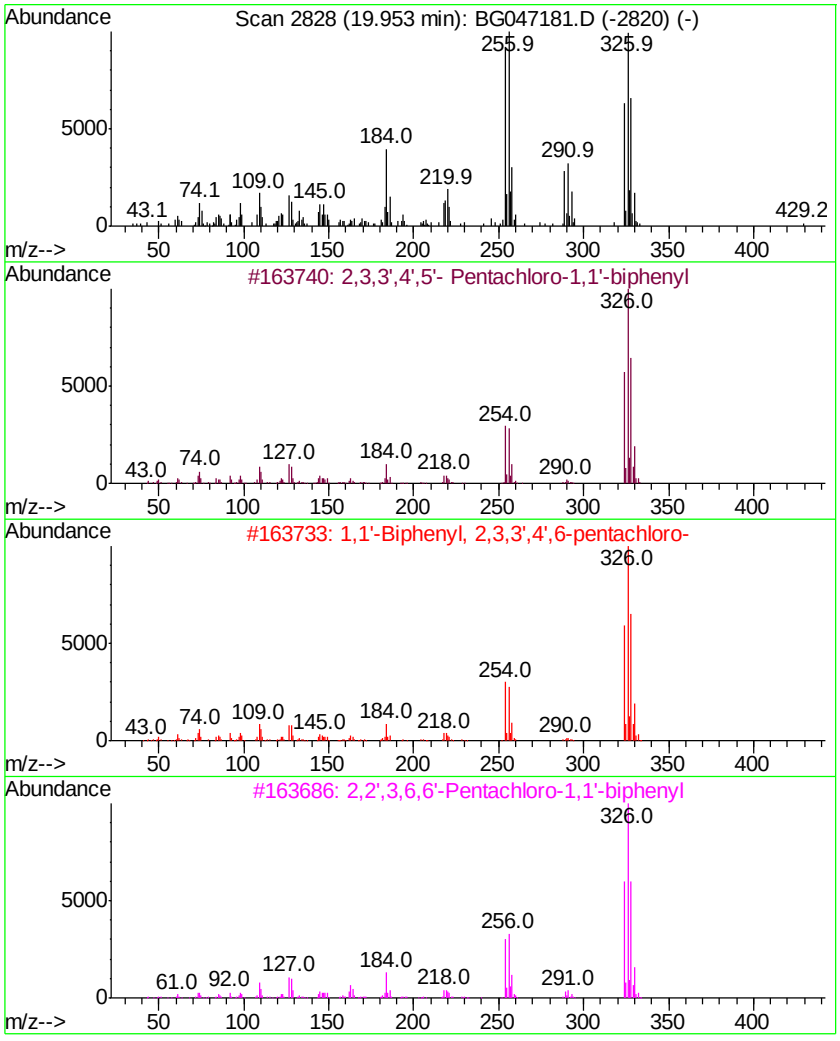
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

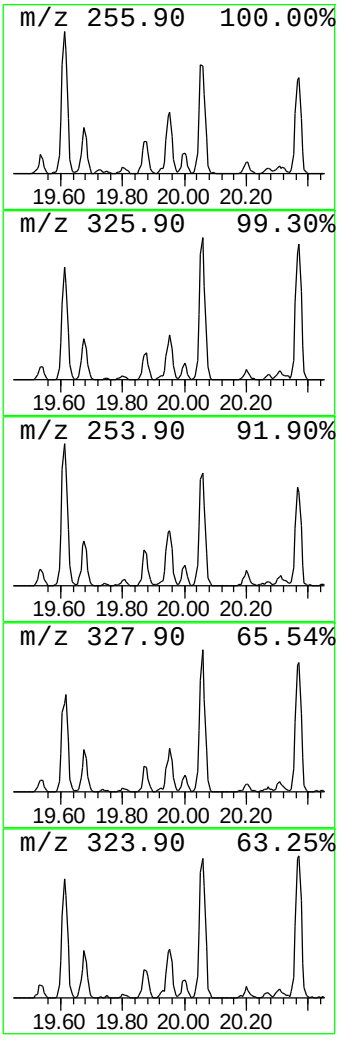
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	4.33 ng/ul	236115	Chrysene-d12	21.69

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	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	98
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	98





Library Search Compound Report

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Acq On : 31 Oct 2020 9:04
Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

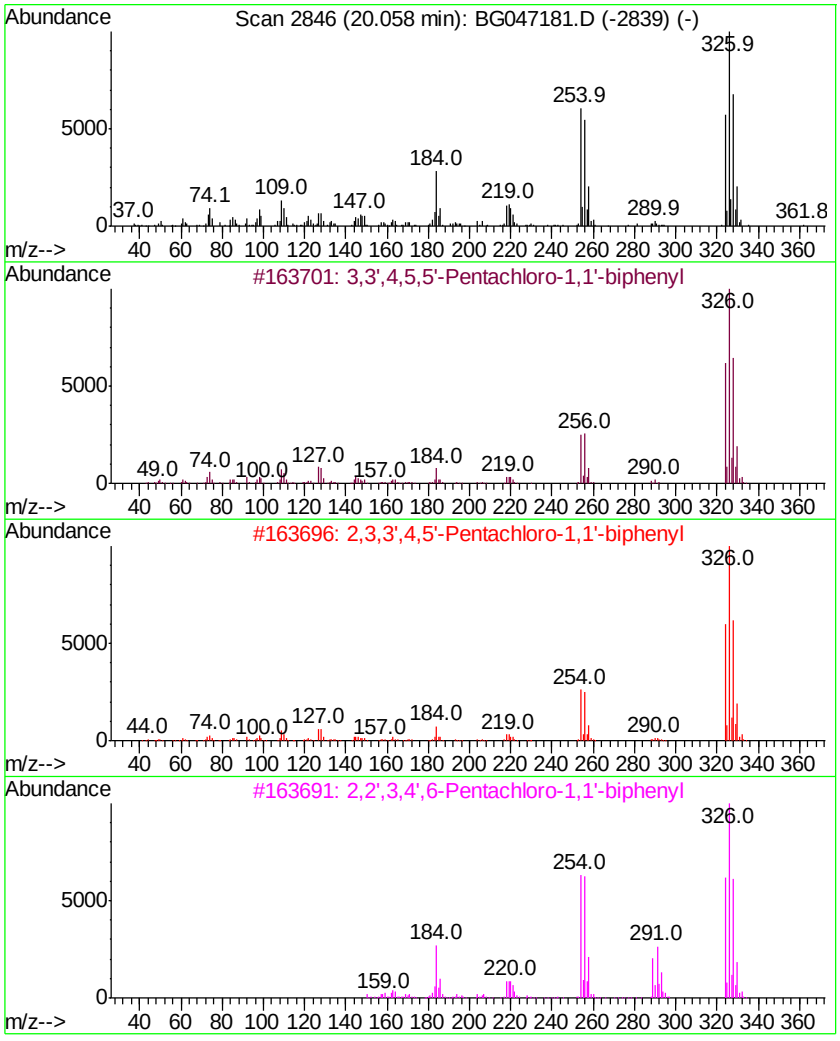
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

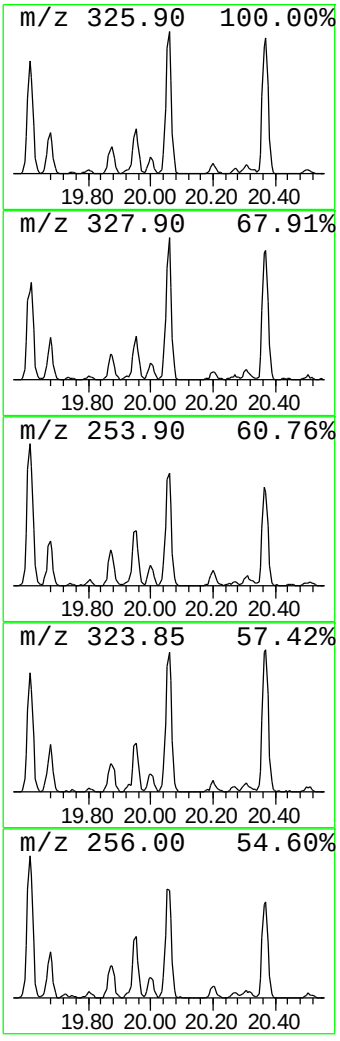
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	9.20 ng/ul	501686	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	97
2	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	96
3	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	96
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
5	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047181.D
Acq On : 31 Oct 2020 9:04
Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

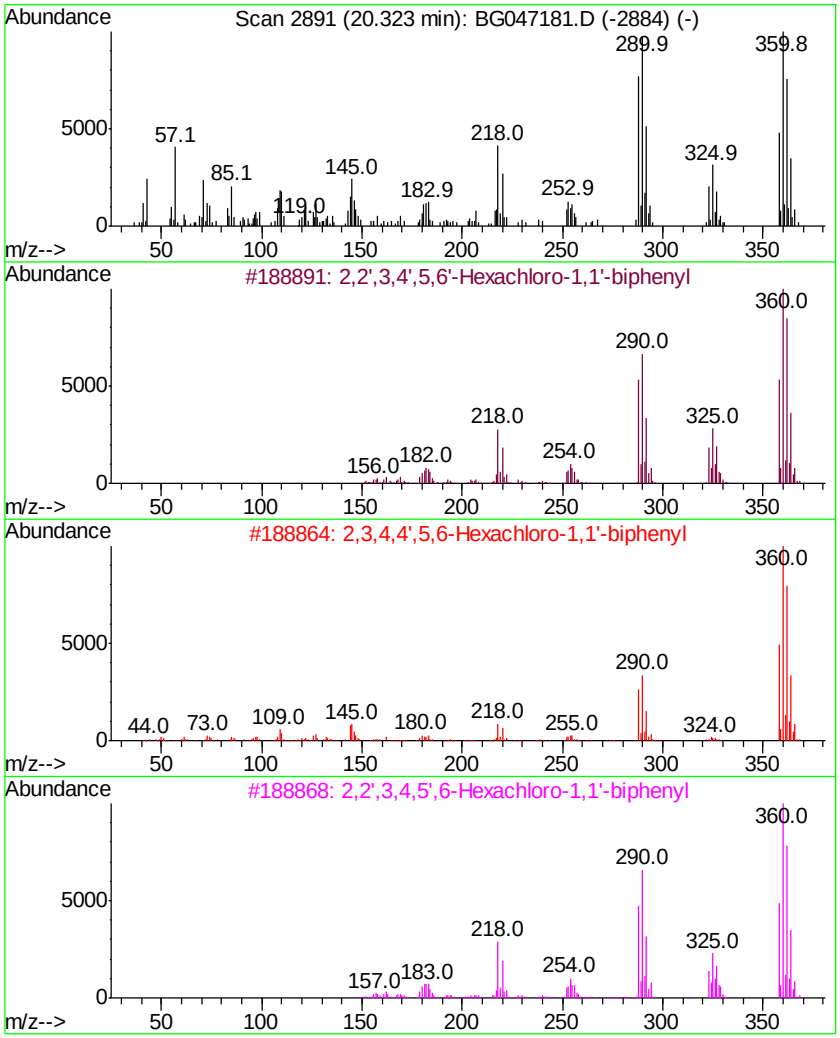
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

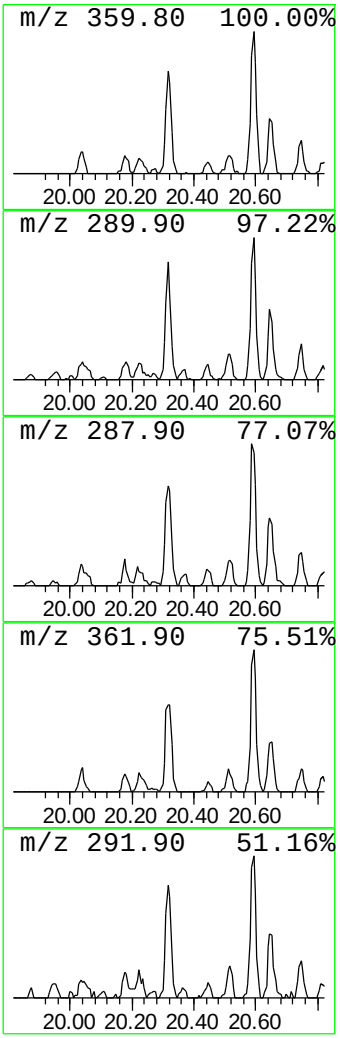
****

Peak Number 11 2,2',3,4',5,6'-Hexachloro-1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	4.72 ng/ul	257661	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
3	2,2',3,4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-14-9	99
4	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99





Library Search Compound Report

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Acq On : 31 Oct 2020 9:04
Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

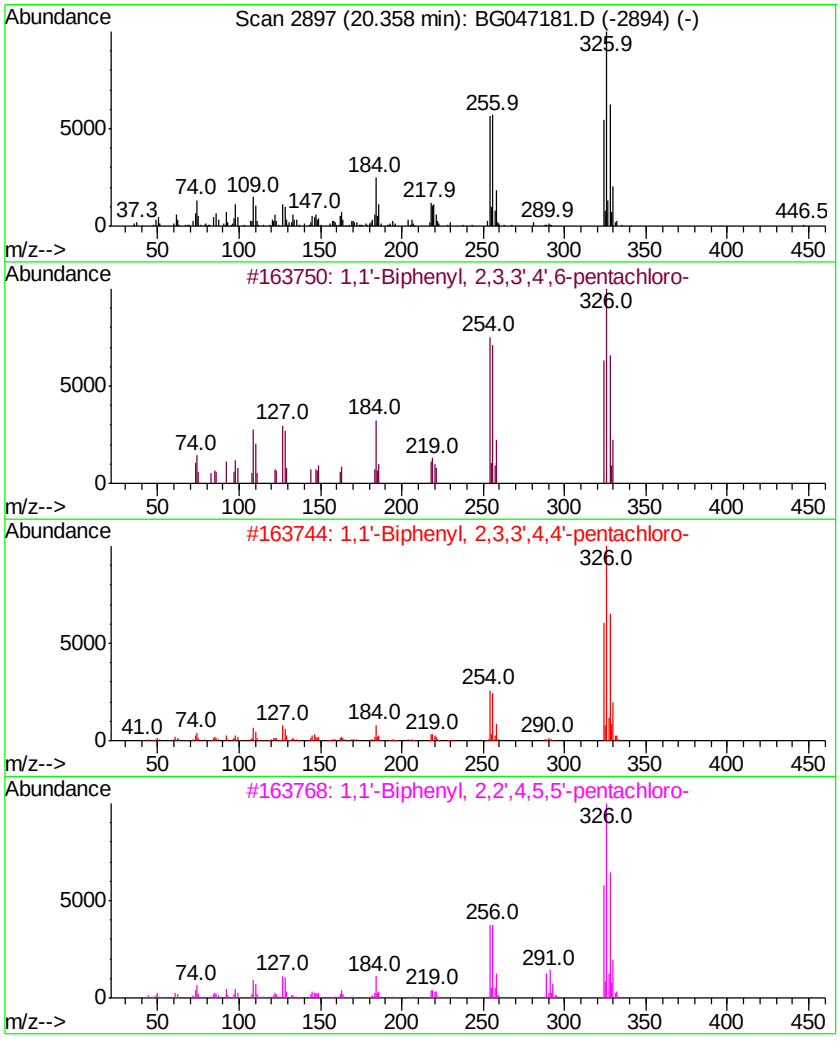
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

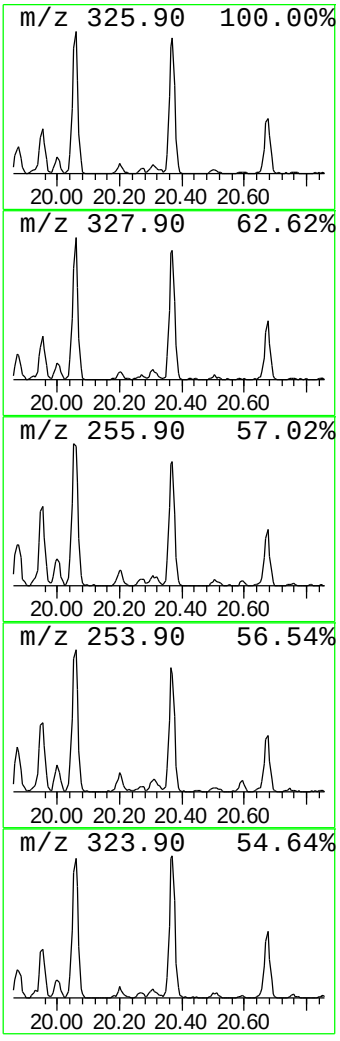
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	7.86 ng/ul	429026	Chrysene-d12	21.69

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, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	96
4	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	96
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96





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Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

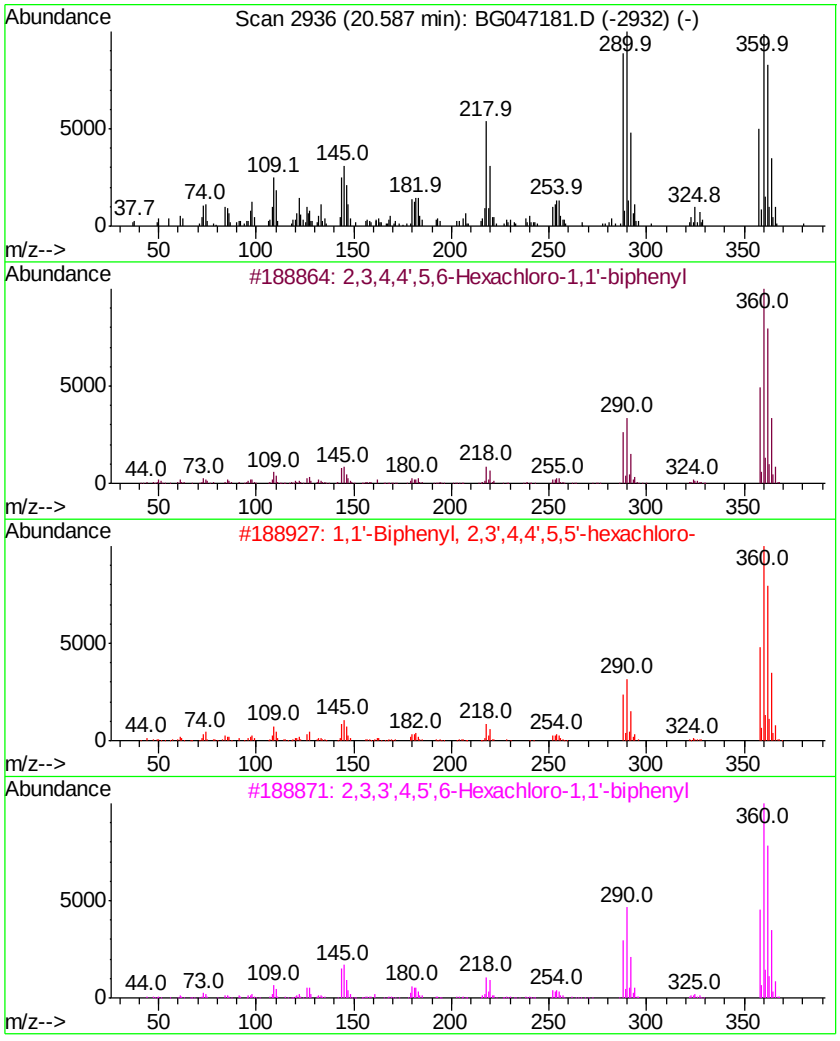
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

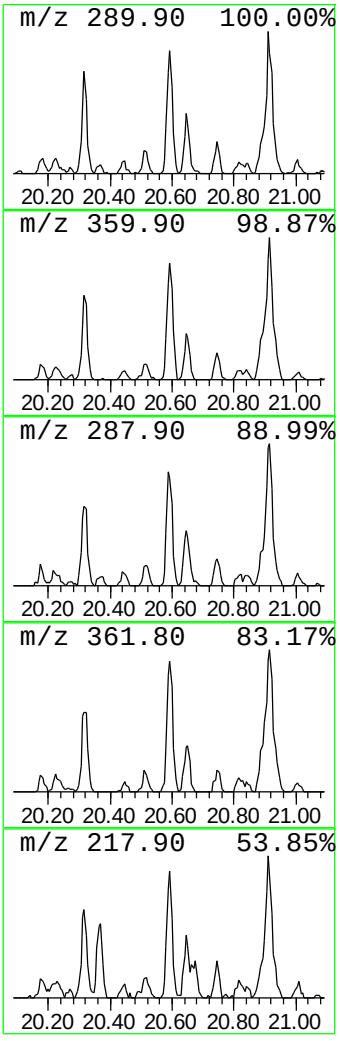
****

Peak Number 13 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	4.56 ng/ul	248869	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
2	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99





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Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

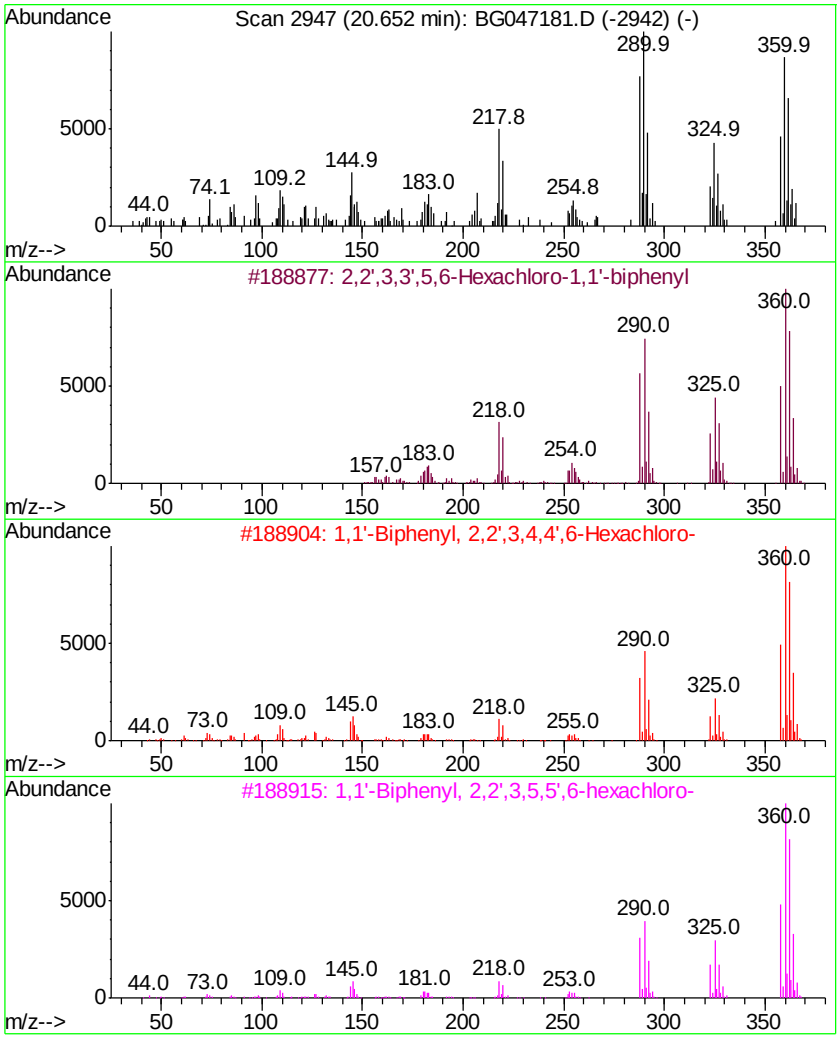
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

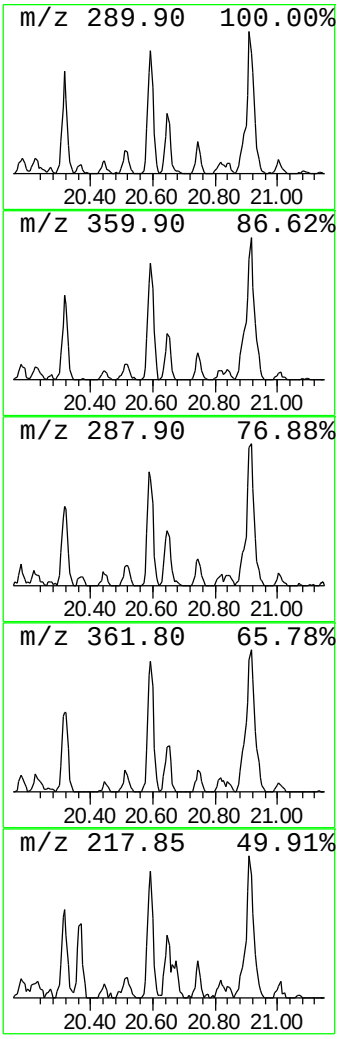
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	2.41 ng/ul	131699	Chrysene-d12	21.69

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	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
3	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
4	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99





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Data File : BG047181.D
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Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

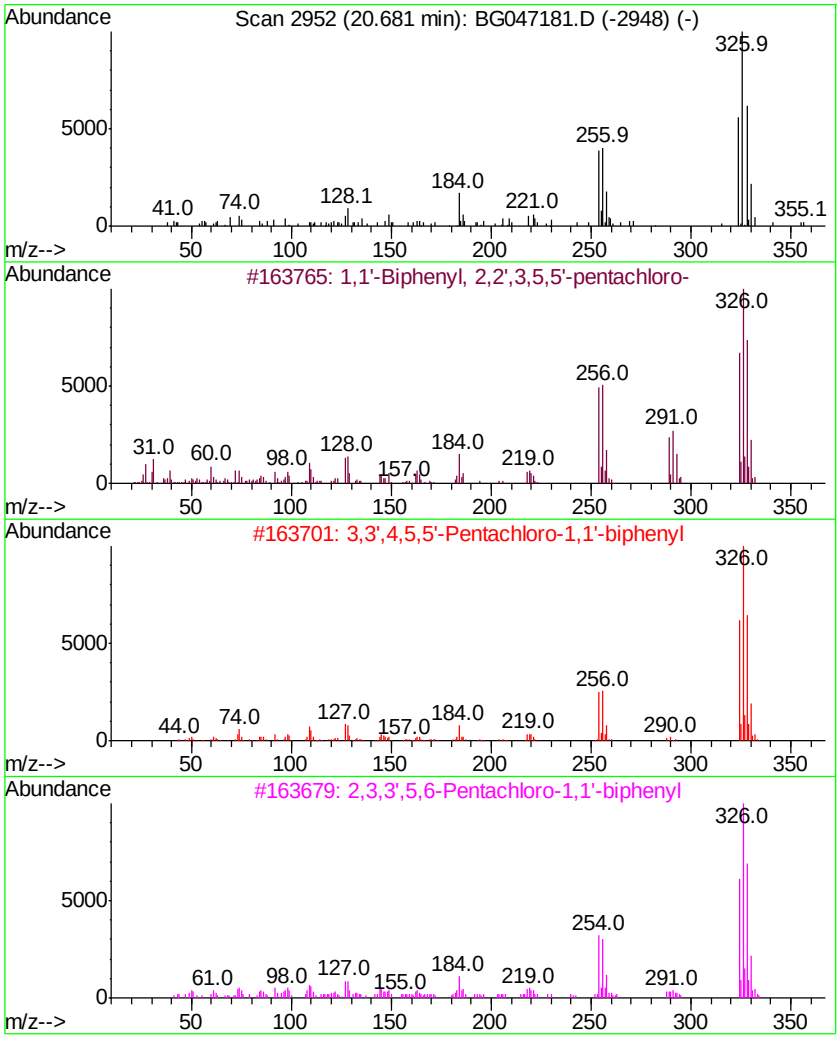
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

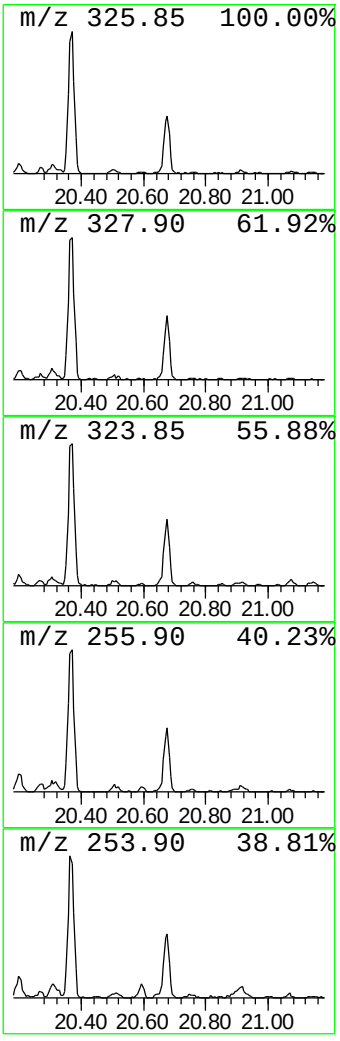
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	3.30 ng/ul	179915	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	95
2	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	95
3	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	95
4	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	95
5	1,1'-Biphenyl, 2,2',3,4,5-Pentac...	324	C12H5Cl5	055312-69-1	95





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Data File : BG047181.D
Acq On : 31 Oct 2020 9:04
Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

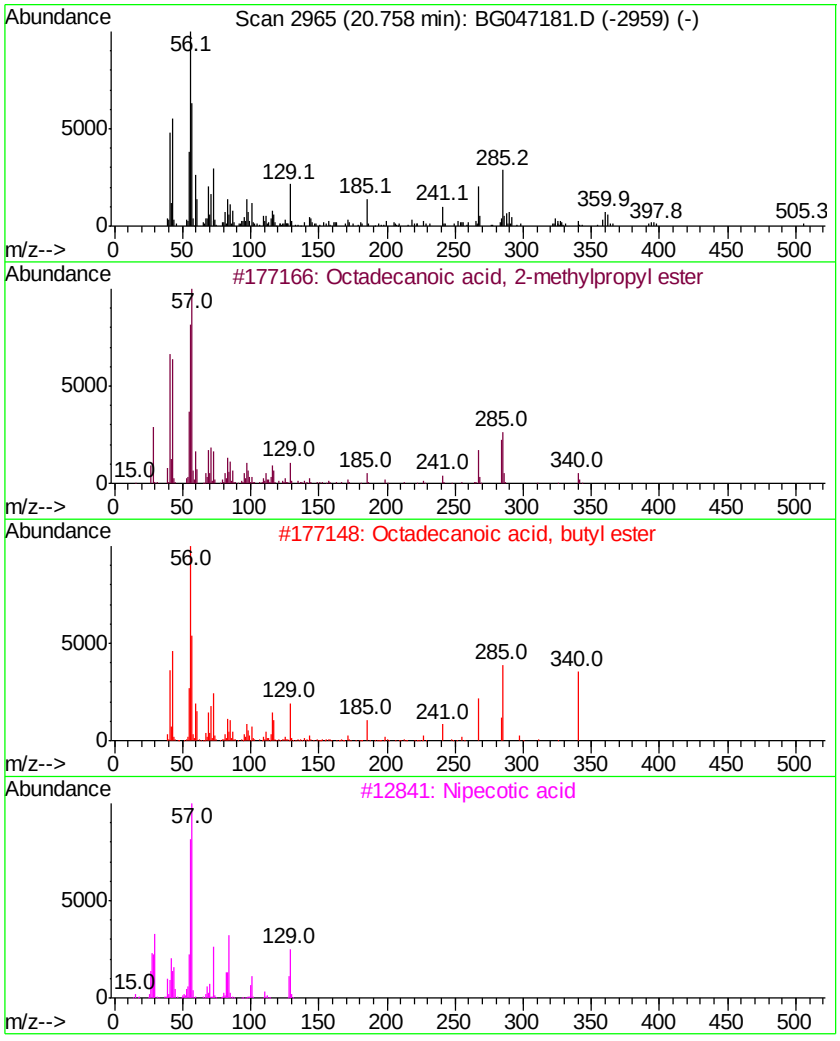
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

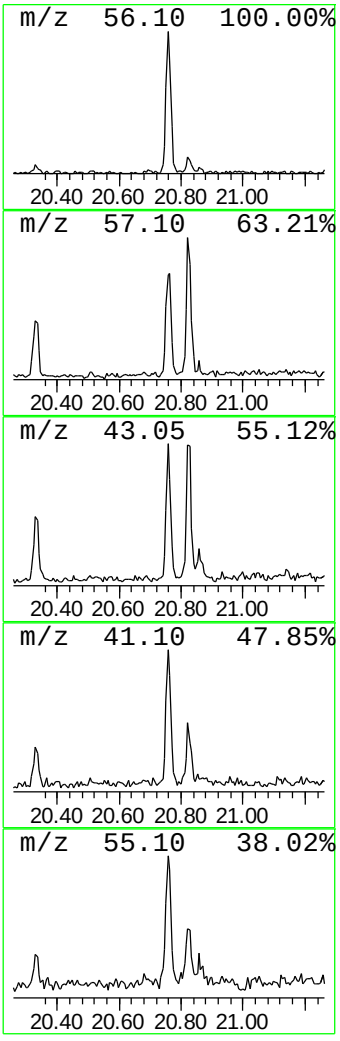
****

Peak Number 16 Octadecanoic acid, 2-methyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	3.73 ng/ul	203347	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	59
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	59
3	Nipecotic acid	129	C6H11NO2	000498-95-3	47
4	Docosanoic acid	340	C22H44O2	000112-85-6	40
5	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	27





Library Search Compound Report

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Data File : BG047181.D
Acq On : 31 Oct 2020 9:04
Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

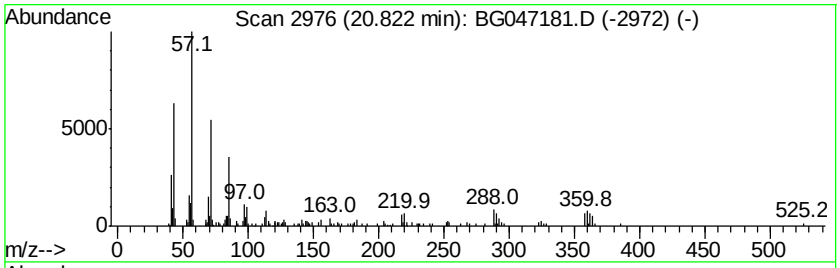
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

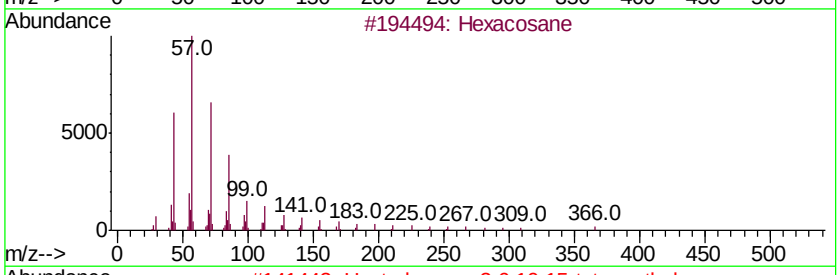
****

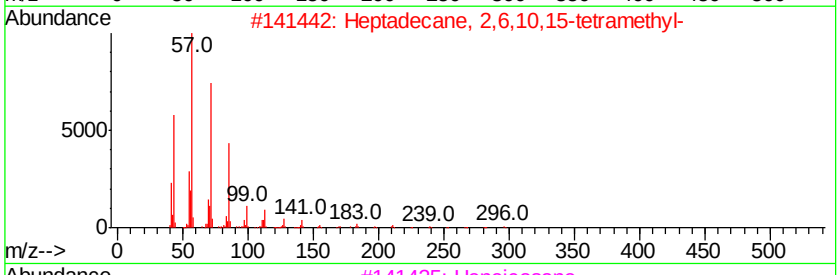
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 18

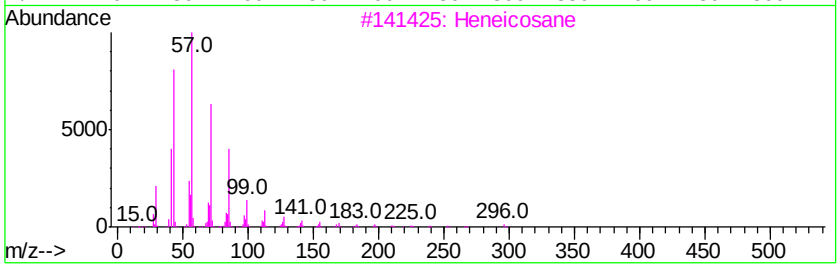
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.35 ng/ul	128200	Chrysene-d12	21.69

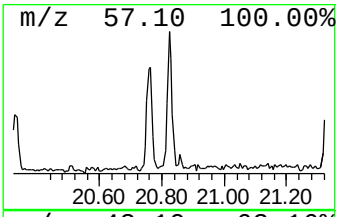
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	78
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
3	Heneicosane	296	C21H44	000629-94-7	78
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	58
5	Eicosane	282	C20H42	000112-95-8	53

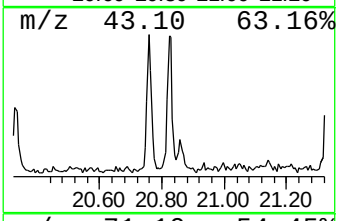


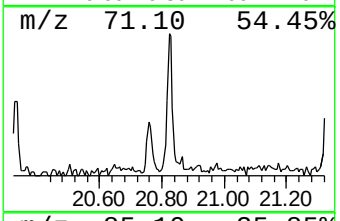


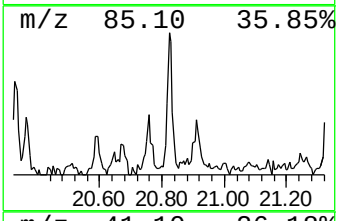


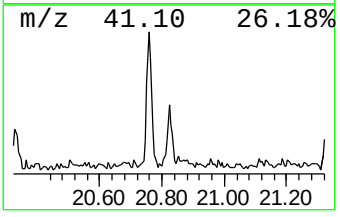












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047181.D
Acq On : 31 Oct 2020 9:04
Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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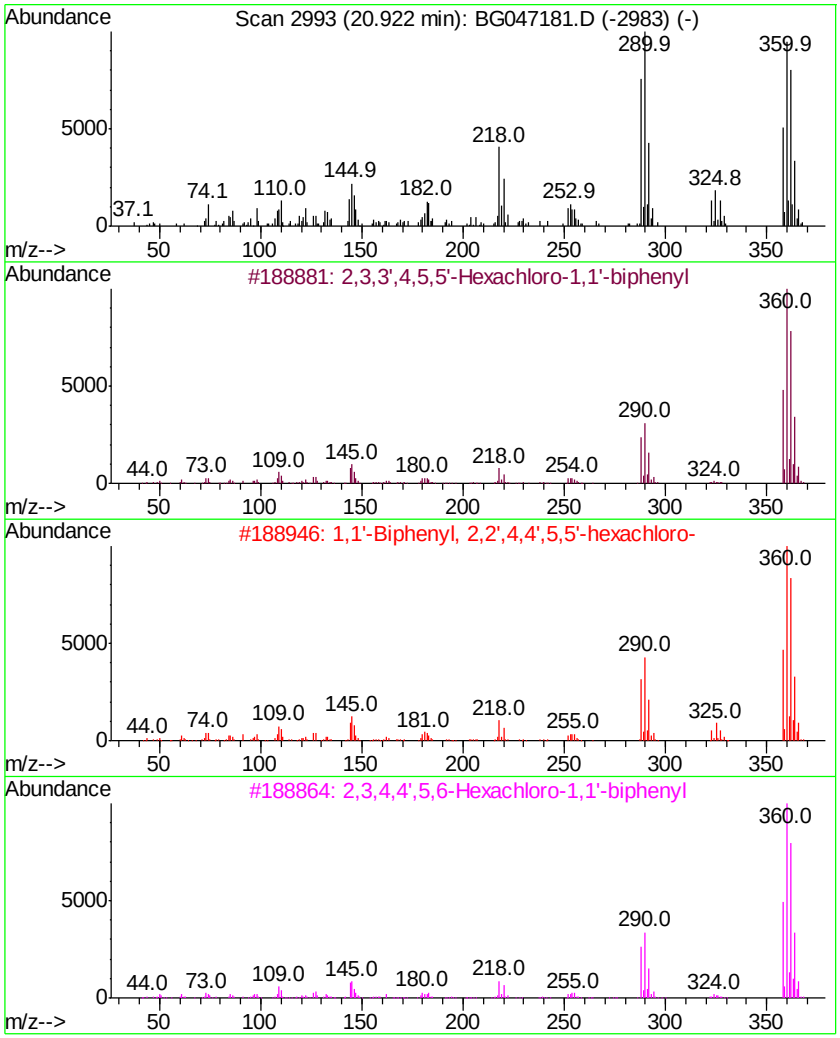
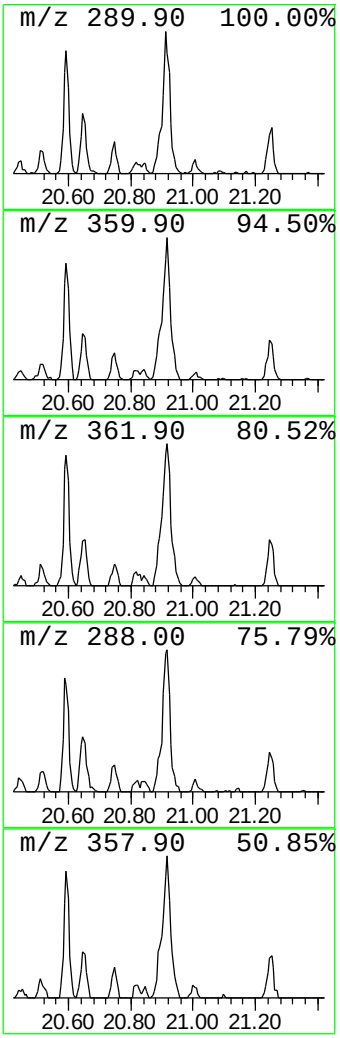
Peak Number 18 2,3,3',4,5,5'-Hexachloro-1,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	8.12 ng/ul	442711	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
2	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
4	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047181.D
Acq On : 31 Oct 2020 9:04
Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

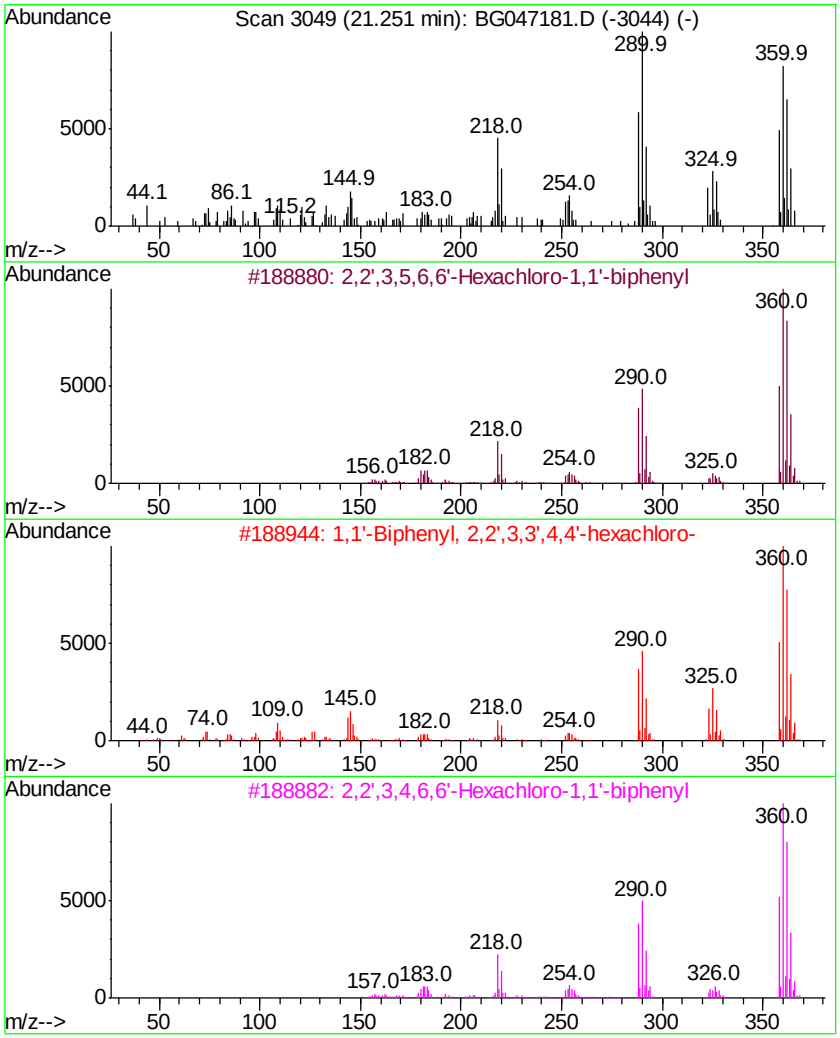
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

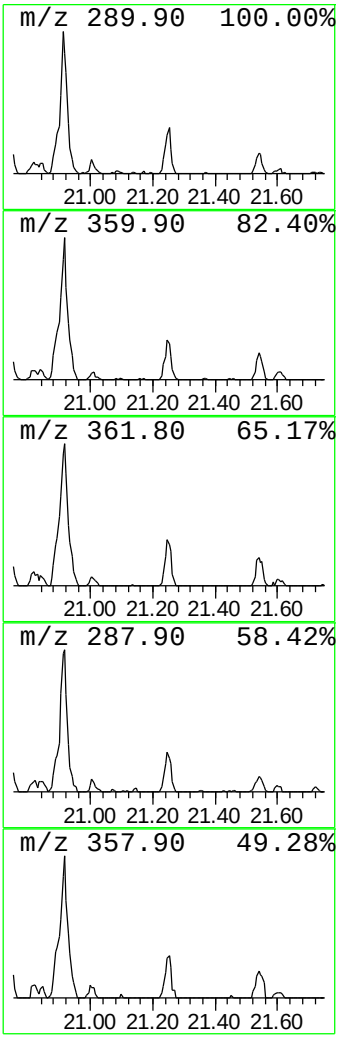
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2,2',3,5,6,6'-Hexachloro-1,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	2.08 ng/ul	113585	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
2	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
3	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
5	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99





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Data File : BG047181.D
Acq On : 31 Oct 2020 9:04
Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

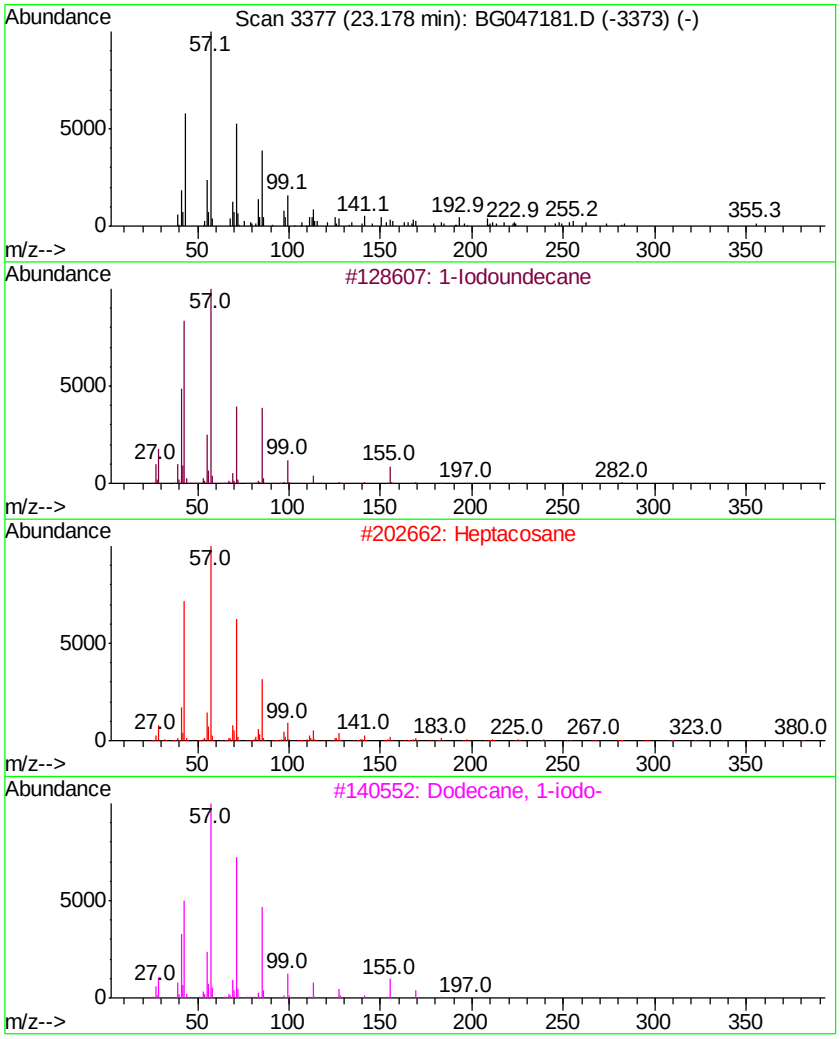
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

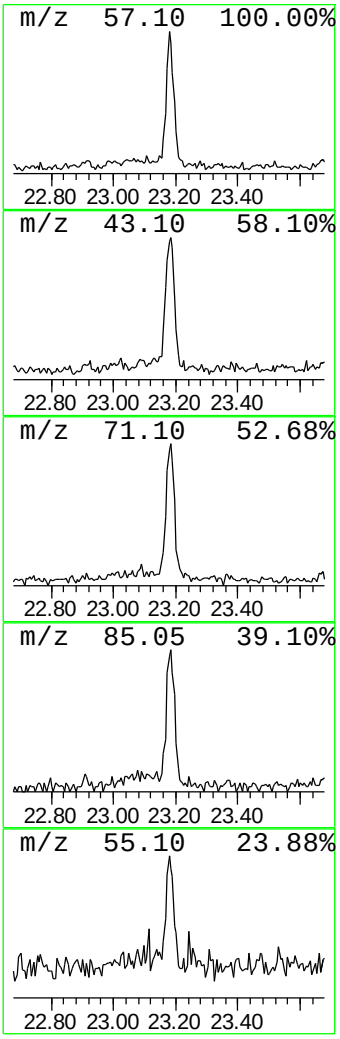
****

Peak Number 20 1-Iodoundecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.17 ng/ul	118386	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodoundecane	282	C11H23I	004282-44-4	83
2	Heptacosane	380	C27H56	000593-49-7	80
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Triacontane	422	C30H62	000638-68-6	80
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72





Library Search Compound Report

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Data File : BG047181.D
Acq On : 31 Oct 2020 9:04
Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

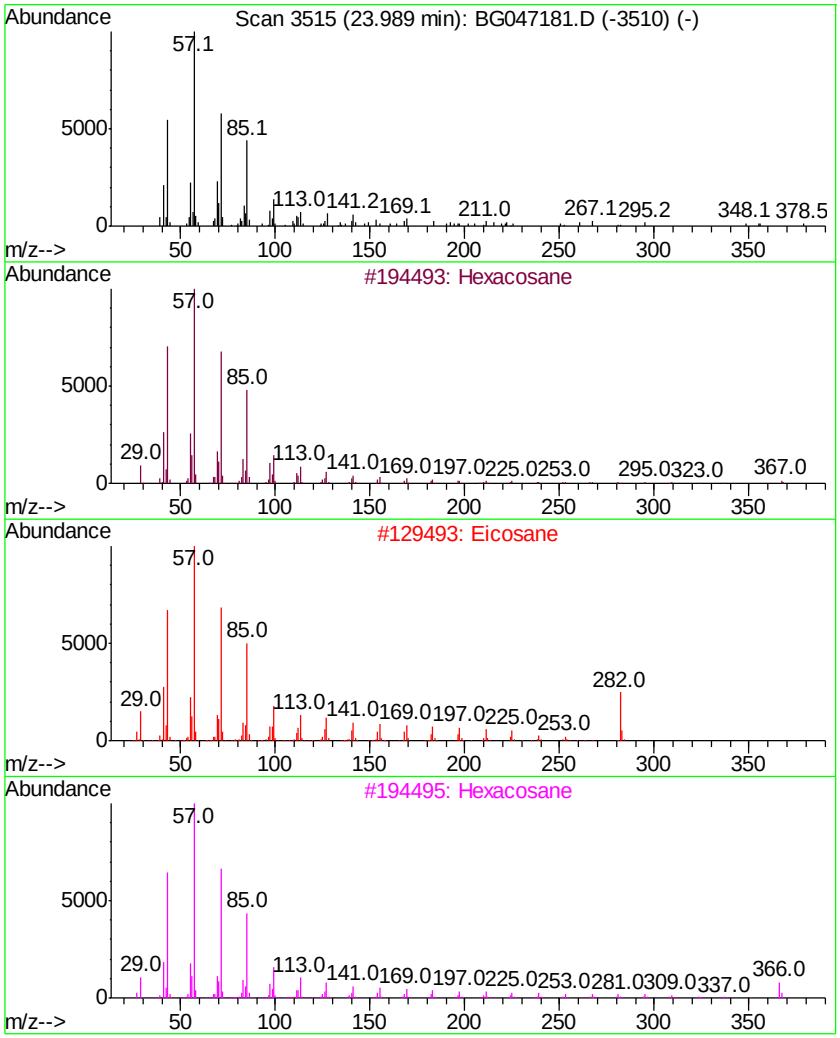
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

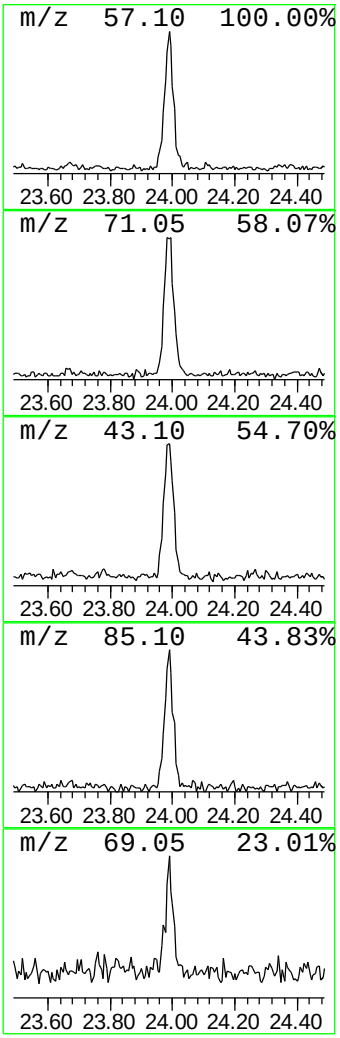
****

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.68 ng/ul	149197	Perylene-d12	24.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Eicosane	282	C20H42	000112-95-8	87
3	Hexacosane	366	C26H54	000630-01-3	86
4	Tetracosane	338	C24H50	000646-31-1	83
5	Heneicosane	296	C21H44	000629-94-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102920\
Data File : BG047181.D
Acq On : 31 Oct 2020 9:04
Operator : CG/JU
Sample : L4507-19
Misc : GCMS CONFIRMATION
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BN6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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...	3.39	31.1	ng/ul	637546	1	8.05	410163	20.0
1,1'-Biphenyl, 2,...	18.49	3.7	ng/ul	167932	4	17.43	907777	20.0
1,1'-Biphenyl, 2,...	19.31	2.1	ng/ul	96145	4	17.43	907777	20.0
1,1'-Biphenyl, 2,...	19.33	7.0	ng/ul	316980	4	17.43	907777	20.0
1,1'-Biphenyl, 2,...	19.61	9.1	ng/ul	497016	5	21.69	1091060	20.0
1,1'-Biphenyl, 2,...	19.68	3.0	ng/ul	163632	5	21.69	1091060	20.0
Hexadecanoic acid...	19.72	2.5	ng/ul	136696	5	21.69	1091060	20.0
2,2',3,4,4'-Penta...	19.87	2.4	ng/ul	129409	5	21.69	1091060	20.0
2,3,3',4',5'- Pen...	19.95	4.3	ng/ul	236115	5	21.69	1091060	20.0
3,3',4,5,5'-Penta...	20.06	9.2	ng/ul	501686	5	21.69	1091060	20.0
2,2',3,4',5,6'-He...	20.32	4.7	ng/ul	257661	5	21.69	1091060	20.0
1,1'-Biphenyl, 2,...	20.36	7.9	ng/ul	429026	5	21.69	1091060	20.0
2,3,4,4',5,6-Hexa...	20.59	4.6	ng/ul	248869	5	21.69	1091060	20.0
2,2',3,3',5,6-Hex...	20.65	2.4	ng/ul	131699	5	21.69	1091060	20.0
1,1'-Biphenyl, 2,...	20.68	3.3	ng/ul	179915	5	21.69	1091060	20.0
Octadecanoic acid...	20.76	3.7	ng/ul	203347	5	21.69	1091060	20.0
(DEL) Alkane: Str...	20.82	2.4	ng/ul	128200	5	21.69	1091060	20.0
2,3,3',4,5,5'-Hex...	20.92	8.1	ng/ul	442711	5	21.69	1091060	20.0
2,2',3,5,6,6'-Hex...	21.25	2.1	ng/ul	113585	5	21.69	1091060	20.0
1-Iodoundecane	23.18	2.2	ng/ul	118386	5	21.69	1091060	20.0
(DEL) Alkane: Str...	23.99	2.7	ng/ul	149197	6	24.92	1115050	20.0