LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047155.D
Acq On : 30 Oct 2020 15:32
Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ0

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	3.386	4	8	18	rVB	433997	497935	46.17%	5.650%
2	3.450	18	19	23	rVB	2315	1499	0.14%	0.017%
3	3.703	59	62	64	rBV	3168	3089	0.29%	0.035%
4	3.738	64	68	72	rVB2	11436	14950	1.39%	0.170%
5	3.779	72	75	81	rBV3	1116	2284	0.21%	0.026%
6	3.873	90	91	94	rVB	1486	1387	0.13%	0.016%
7	4.050	116	121	123	rVB	936	1326	0.12%	0.015%
8	4.214	145	149	155	rVB	3295	4625	0.43%	0.052%
9	4.432	183	186	189	rBV2	1314	1570	0.15%	0.018%
10	4.655	219	224	230	rBV3	2939	4351	0.40%	0.049%
11	5.530	369	373	375	rBV	1258	1489	0.14%	0.017%
12	6.006	452	454	458	rVB	1517	1912	0.18%	0.022%
13	6.053	458	462	465	rBV	1253	1487	0.14%	0.017%
14	6.094	467	469	472	rBV	1343	1296	0.12%	0.015%
15	7.046	628	631	633	rVB	1585	1518	0.14%	0.017%
16	7.287	670	672	676	rVB2	1928	1546	0.14%	0.018%
17	7.358	683	684	688	rBV	1436	1598	0.15%	0.018%
18	7.833	763	765	768	rBV	1331	1410	0.13%	0.016%
19	8.051	793	802	810	rBV	188842	327305	30.35%	3.714%
20	8.685	906	910	913	rBV2	1176	1324	0.12%	0.015%
21	9.232	1001	1003	1007	rVB2	1755	1741	0.16%	0.020%
22	9.731	1085	1088	1091	rBV2	1458	1394	0.13%	0.016%
23	10.248	1171	1176	1179	rBV2	1035	1564	0.15%	0.018%
24	10.560	1225	1229	1231	rVB2	1581	1523	0.14%	0.017%
25	10.865	1274	1281	1289	rBV2	250748	452863	41.99%	5.139%
26	11.041	1308	1311	1314	rBV3	1189	1350	0.13%	0.015%
27	11.282	1348	1352	1354	rVB2	1165	1446	0.13%	0.016%
28	11.494	1384	1388	1390	rBV	1182	1339	0.12%	0.015%
29	12.704	1593	1594	1597	rVB	1531	1337	0.12%	0.015%
30	13.198	1674	1678	1682	rBV2	1027	1608	0.15%	0.018%
31	13.903	1795	1798	1801	rVB	1699	1513	0.14%	0.017%
32	14.526	1900	1904	1907	rBV3	1597	2357	0.22%	0.027%
33	14.684	1921	1931	1942	rBV2	477107	749666	69.51%	8.507%
34	14.996	1983	1984	1990	rVB2	1455	1917	0.18%	0.022%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047155.D
Acq On : 30 Oct 2020 15:32
Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ0

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	15.307	2035	2037	2041	rBV2	1113	1340	0.12%	0.015%
36	16.130	2174	2177	2182	rVB3	1061	1451	0.13%	0.016%
37	16.206	2188	2190	2191	rBV	2042	1611	0.15%	0.018%
38	16.382	2218	2220	2223	rBV4	1879	2129	0.20%	0.024%
39	16.729	2276	2279	2280	rBV	1734	1674	0.16%	0.019%
40	16.882	2303	2305	2310	rBV2	1474	1488	0.14%	0.017%
41	17.052	2332	2334	2337	rBV	1924	1549	0.14%	0.018%
42	17.081	2337	2339	2342	rVV3	1205	1345	0.12%	0.015%
43	17.134	2345	2348	2350	rVB	1402	1335	0.12%	0.015%
44	17.175	2353	2355	2359	rBV3	2348	3066	0.28%	0.035%
45	17.217	2359	2362	2364	rBV3	2624	1988	0.18%	0.023%
46	17.428	2391	2398	2410	rBV	581665	910859	84.46%	10.336%
47	17.540	2415	2417	2419	rVB	2302	1631	0.15%	0.019%
48	17.904	2475	2479	2480	rBV2	1231	1869	0.17%	0.021%
49	17.916	2480	2481	2485	rVV2	2703	2326	0.22%	0.026%
50	18.021	2497	2499	2500	rBV2	2991	1751	0.16%	0.020%
51	18.098	2504	2512	2514	rBV5	2909	5408	0.50%	0.061%
52	18.309	2545	2548	2549	rBV2	1681	1633	0.15%	0.019%
53	18.321	2549	2550	2554	rVB3	3464	2130	0.20%	0.024%
54	18.492	2574	2579	2584	rBV	72156	101272	9.39%	1.149%
55	18.556	2586	2590	2593	rVV3	18225	24076	2.23%	0.273%
56	18.603	2594	2598	2603	rVB5	10099	14556	1.35%	0.165%
57	18.774	2623	2627	2633	rBV	31732	41526	3.85%	0.471%
58	18.879	2643	2645	2648	rBV3	3656	3561	0.33%	0.040%
59	18.915	2648	2651	2654	rVV3	5099	6136	0.57%	0.070%
60	18.956	2654	2658	2661	rVB4	11468	16096	1.49%	0.183%
61	18.979	2661	2662	2666	rBV3	2804	2829	0.26%	0.032%
62	19.014	2666	2668	2671	rBV3	2642	3689	0.34%	0.042%
63	19.050	2672	2674	2677	rVV3	3831	3313	0.31%	0.038%
64	19.155	2689	2692	2693	rBV3	3487	3328	0.31%	0.038%
65	19.202	2698	2700	2701	rVV2	4159	2775	0.26%	0.031%
66	19.226	2702	2704	2706	rVV2	5825	6495	0.60%	0.074%
67	19.255	2706	2709	2714	rVV2	21636	31719	2.94%	0.360%
68	19.308	2714	2718	2719	rVV2	60339	73117	6.78%	0.830%
69	19.338	2719	2723	2729	rVV2	123298	199117	18.46%	2.259%
70	19.414	2733	2736	2741	rVV6	19442	28218	2.62%	0.320%
71	19.484	2744	2748	2750	rVV5	5159	7015	0.65%	0.080%

LSC Area Percent Report

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Data File : BG047155.D
Acq On : 30 Oct 2020 15:32
Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ0

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	19.537	2754	2757	2765	rVV7	36305	58723	5.45%	0.666%
73	19.614	2765	2770	2776	rVV2	230011	308084	28.57%	3.496%
74	19.678	2776	2781	2785	rVV2	86786	110187	10.22%	1.250%
75	19.725	2785	2789	2795	rVV	130932	152230	14.12%	1.727%
76	19.802	2799	2802	2805	rVV3	29558	38065	3.53%	0.432%
77	19.843	2805	2809	2811	rVV3	23355	32319	3.00%	0.367%
78	19.872	2811	2814	2819	rVV2	60998	84687	7.85%	0.961%
79	19.955	2823	2828	2832	rVV2	104147	141197	13.09%	1.602%
80	20.002	2832	2836	2839	rVV5	39658	51780	4.80%	0.588%
81	20.060	2839	2846	2852	rVB	222007	314949	29.20%	3.574%
82	20.184	2863	2867	2868	rBV4	18500	21417	1.99%	0.243%
83	20.201	2868	2870	2873	rVV4	13231	14966	1.39%	0.170%
84	20.319	2885	2890	2895	rBV4	96446	157948	14.65%	1.792%
85	20.372	2895	2899	2905	rVB	201534	253789	23.53%	2.880%
86	20.595	2933	2937	2942	rVB2	116608	137644	12.76%	1.562%
87	20.648	2942	2946	2948	rBV2	59497	71808	6.66%	0.815%
88	20.677	2948	2951	2956	rVB	95082	117559	10.90%	1.334%
89	20.759	2960	2965	2970	rVV2	112384	152000	14.09%	1.725%
90	20.830	2973	2977	2981	rVV	58106	81779	7.58%	0.928%
91	20.918	2985	2992	3000	rVB	144553	263424	24.43%	2.989%
92	21.253	3045	3049	3054	rVB6	43925	59568	5.52%	0.676%
93	21.335	3060	3063	3068	rVB2	36837	45882	4.25%	0.521%
94	21.700	3118	3125	3138	rBV	627162	1043669	96.77%	11.843%
95	21.888	3153	3157	3162	rVB2	50311	72162	6.69%	0.819%
96	22.040	3180	3183	3190	rVB2	37705	59357	5.50%	0.674%
97	22.493	3256	3260	3266	rVB4	43830	70138	6.50%	0.796%
98	23.186	3374	3378	3388	rVB3	42880	89739	8.32%	1.018%
99	23.997	3511	3516	3526	rVB	53814	118280	10.97%	1.342%
100	24.931	3666	3675	3689	rVB2	370172	1078473	100.00%	12.238%

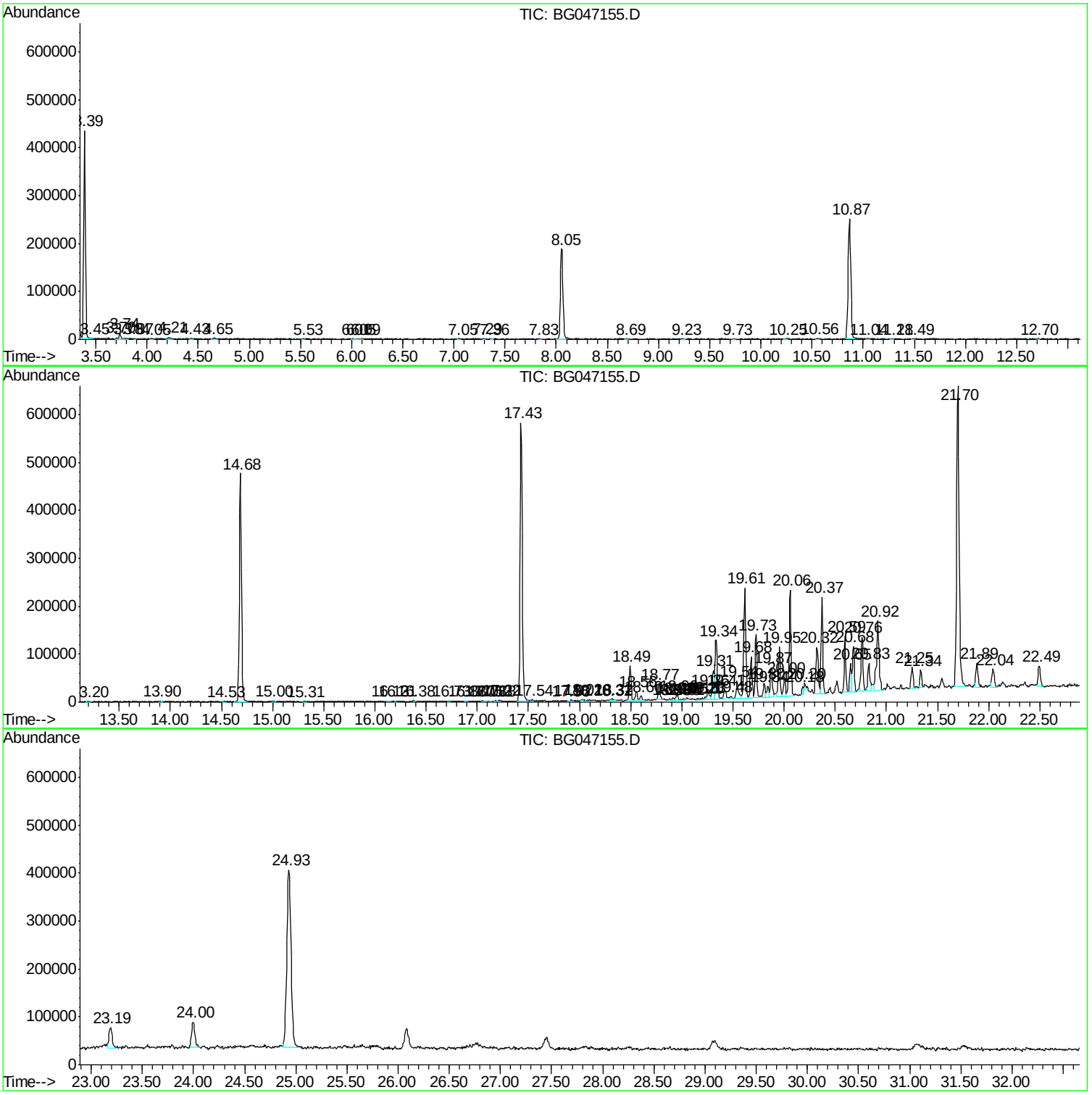
Sum of corrected areas: 8812763

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047155.D
Acq On : 30 Oct 2020 15:32
Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BJ0

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 : BG047155.D
Acq On : 30 Oct 2020 15:32
Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ0

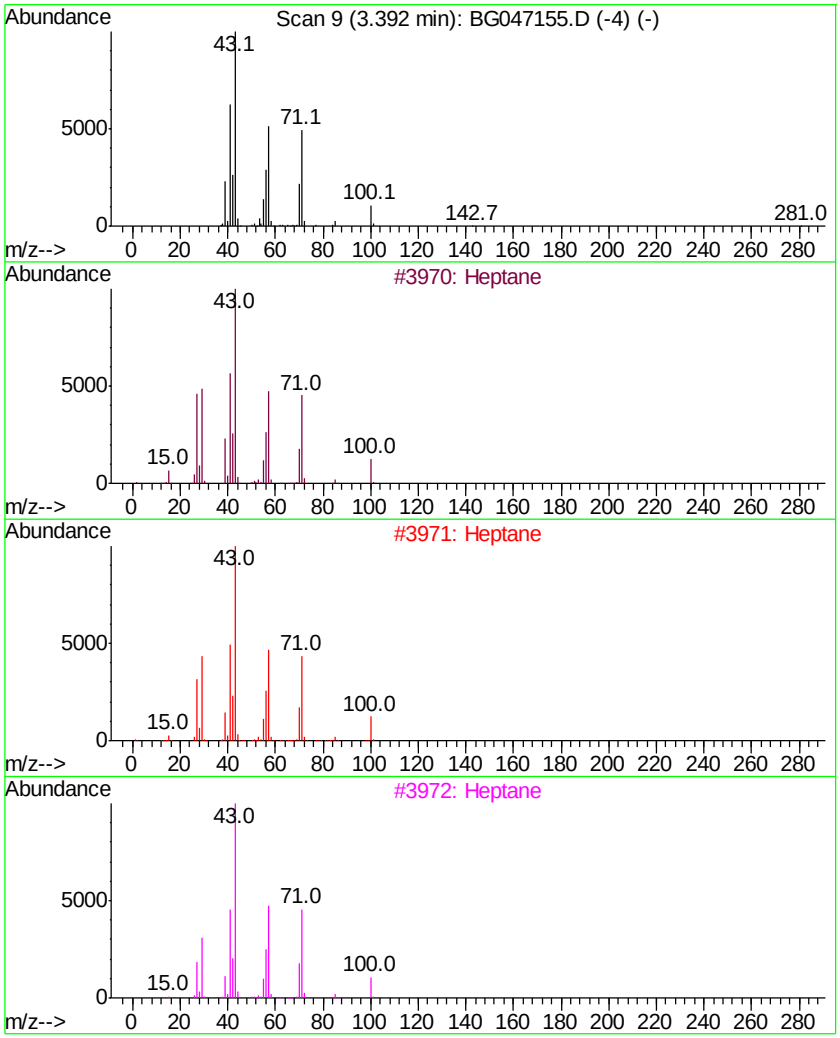
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

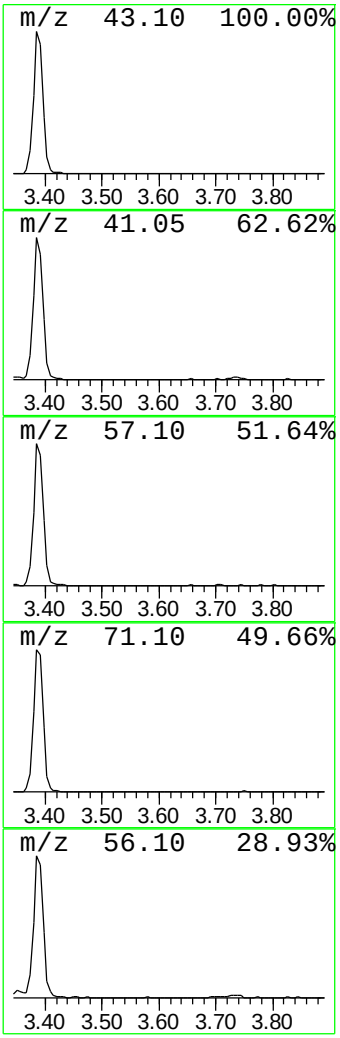
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	30.43 ng/ul	497935	1,4-Dichlorobenzene-d4	8.06

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	86
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047155.D
Acq On : 30 Oct 2020 15:32
Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ0

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

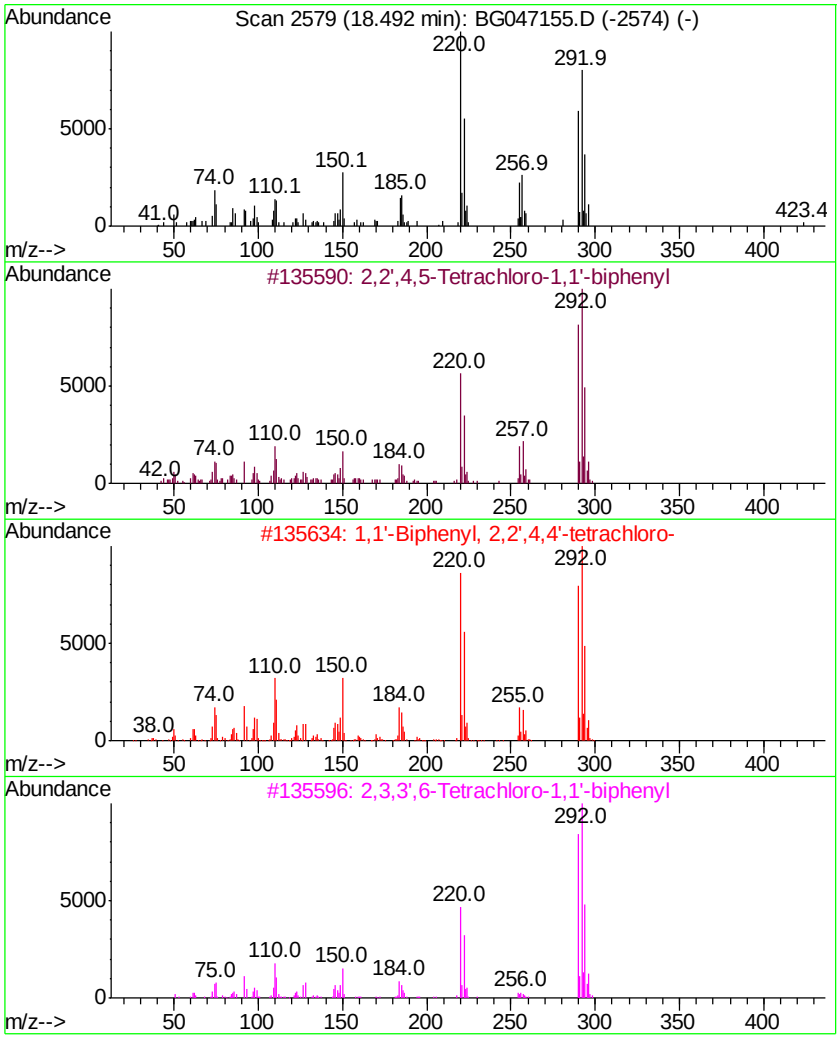
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

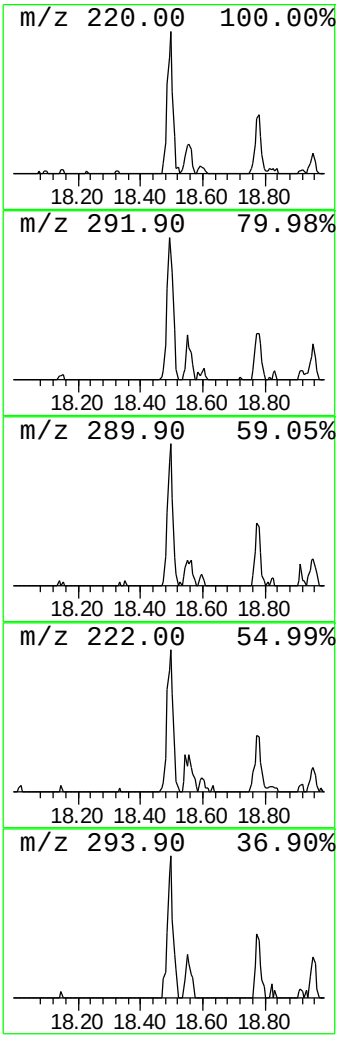
****

Peak Number 2 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	2.22 ng/ul	101272	Phenanthrene-d10	17.43

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	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	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
5	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047155.D
Acq On : 30 Oct 2020 15:32
Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ0

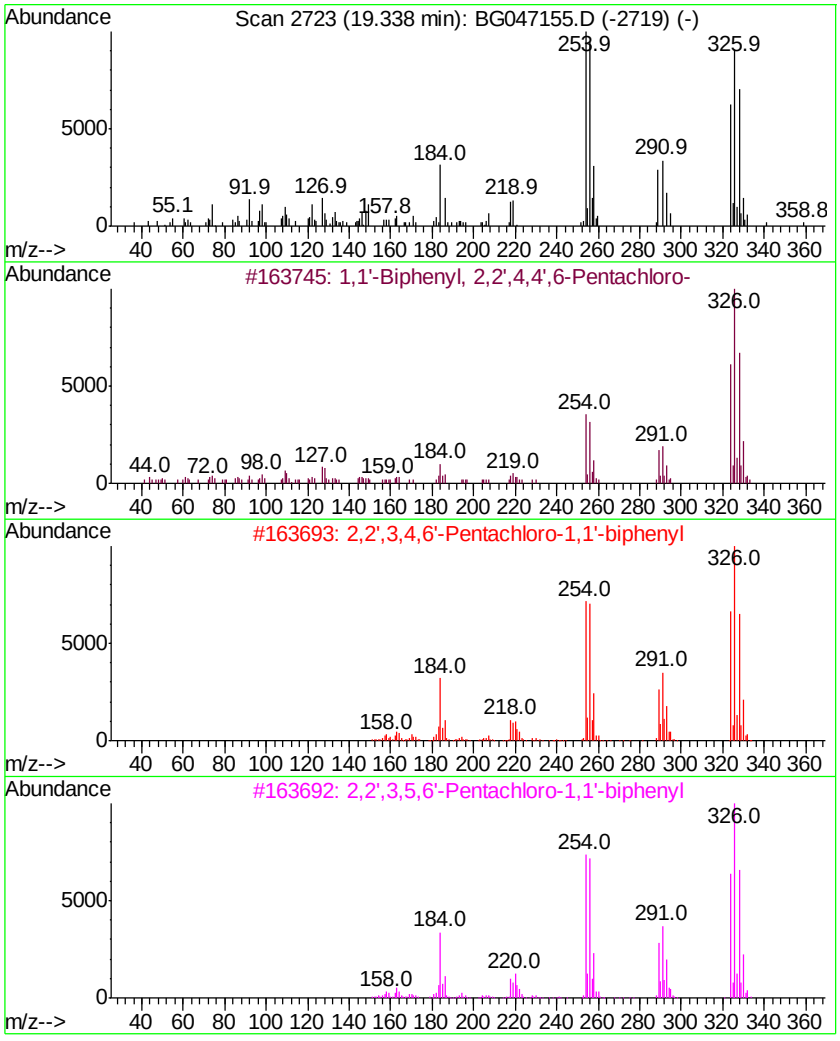
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

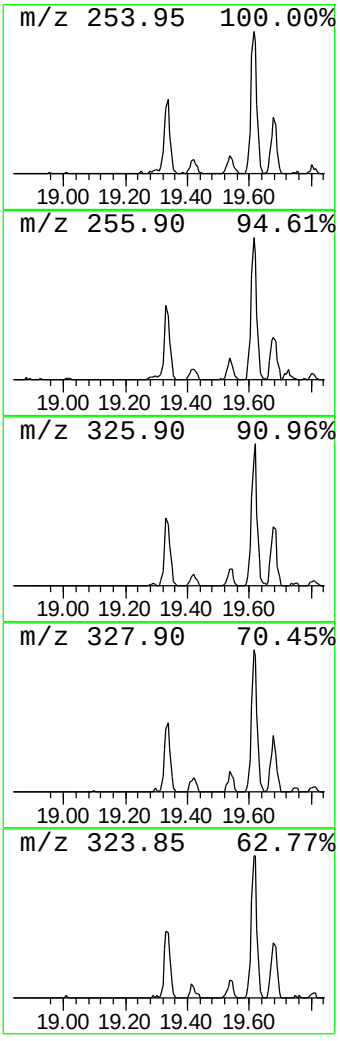
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	4.37 ng/ul	199117	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	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',5-penta...	324	C12H5Cl5	060145-20-2	98
5	1,1'-Biphenyl, 2,3,4,4',5-Pentac...	324	C12H5Cl5	074472-37-0	98





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047155.D
Acq On : 30 Oct 2020 15:32
Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ0

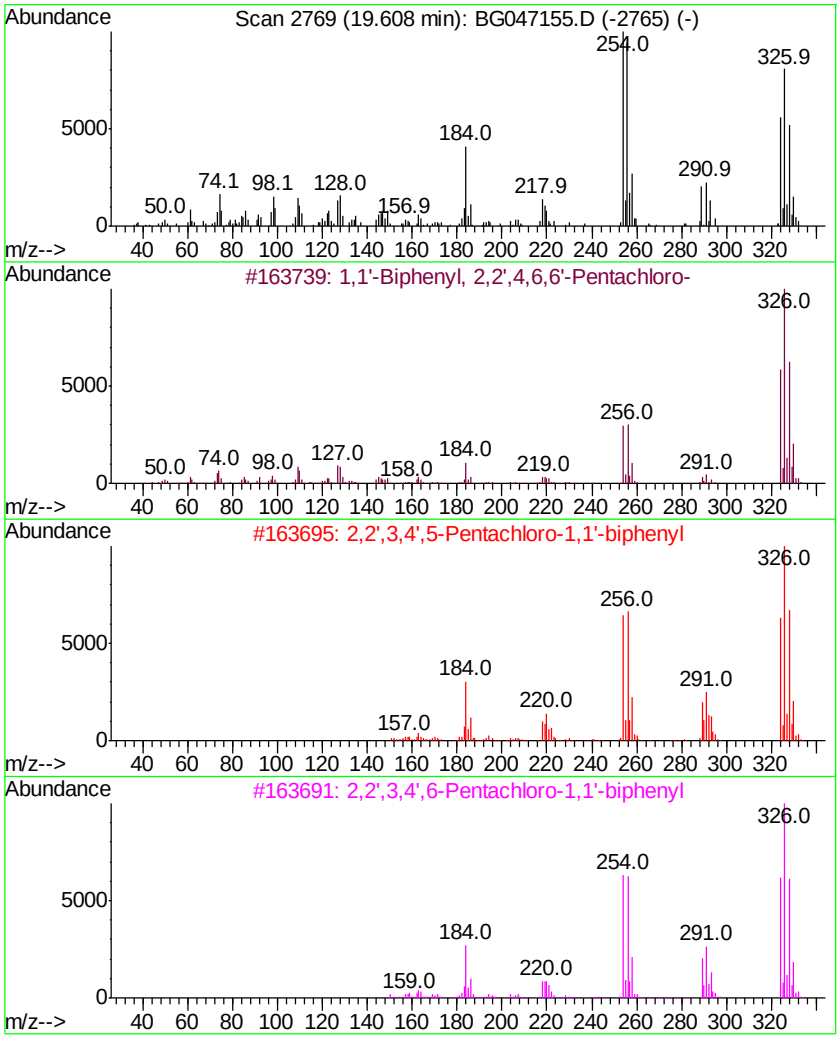
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

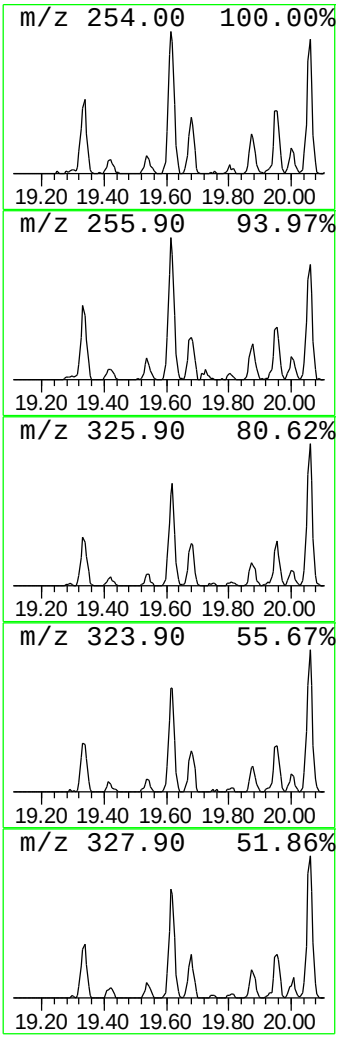
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	5.90 ng/ul	308084	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	98
2	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	96
3	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	96
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	95
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047155.D
Acq On : 30 Oct 2020 15:32
Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ0

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

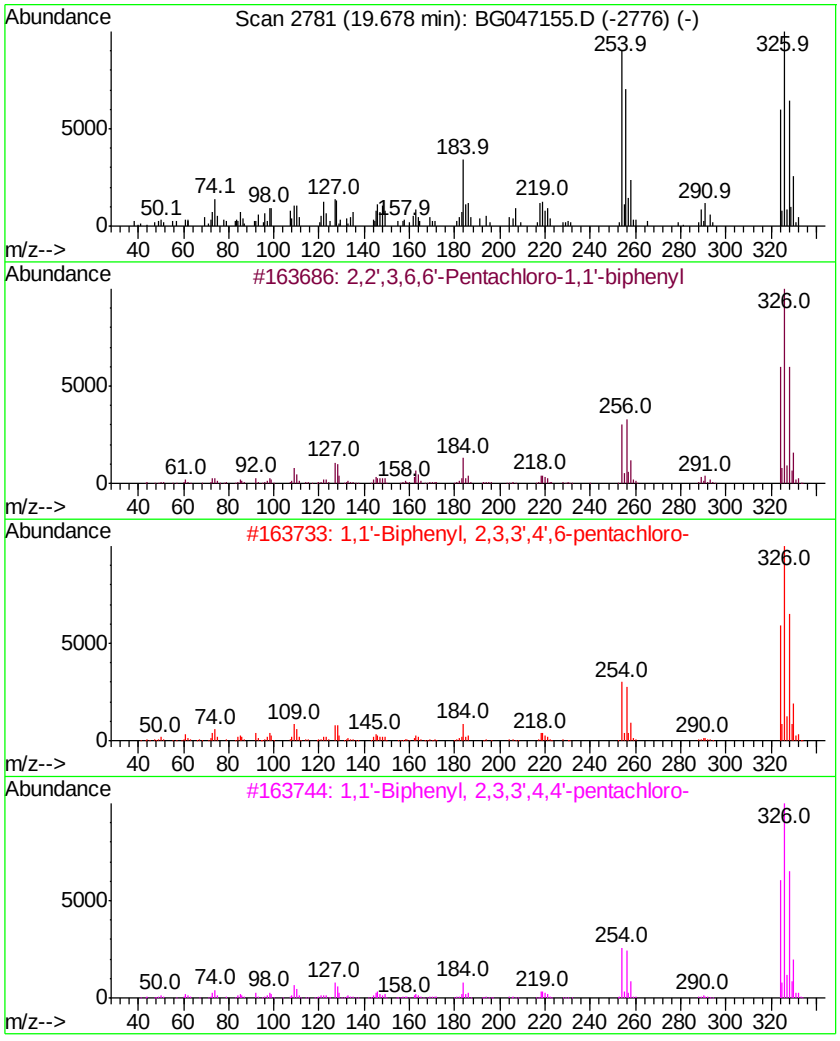
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

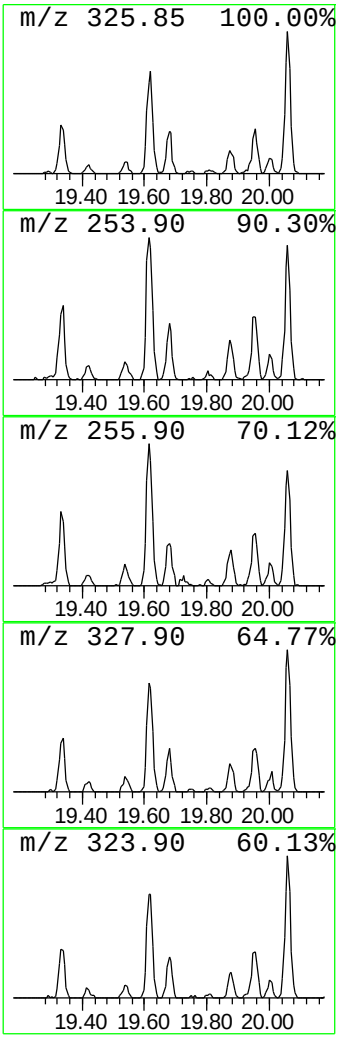
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	2.11 ng/ul	110187	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	98





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Data File : BG047155.D
Acq On : 30 Oct 2020 15:32
Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ0

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

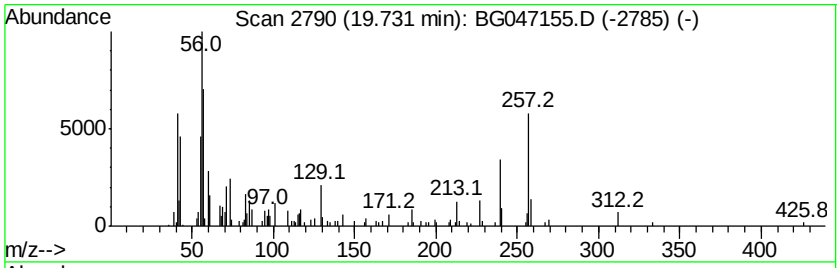
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

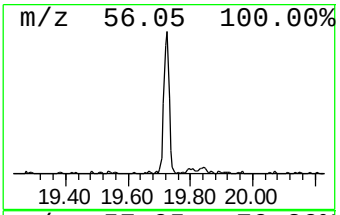
****

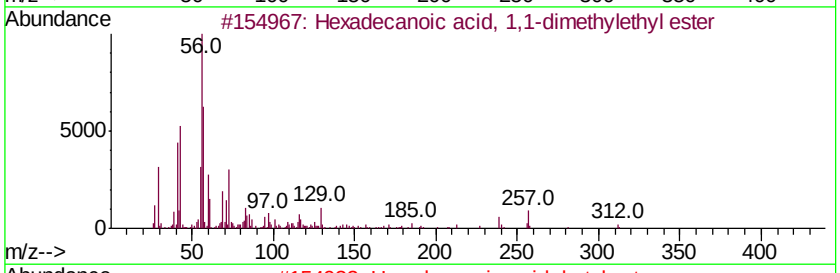
Peak Number 6 Hexadecanoic acid, 1,1-dime... Concentration Rank 8

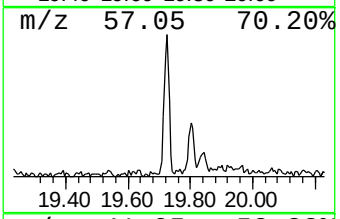
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	2.92 ng/ul	152230	Chrysene-d12	21.70

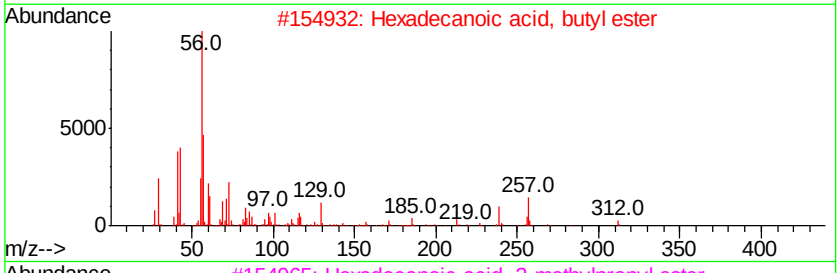
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	95
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	89
4	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
5	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	35

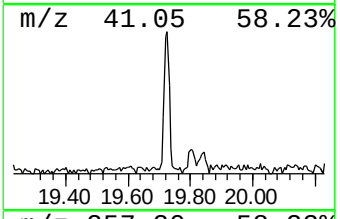


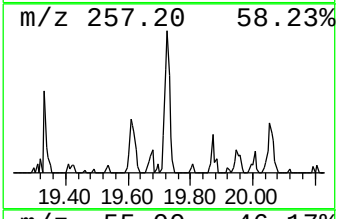


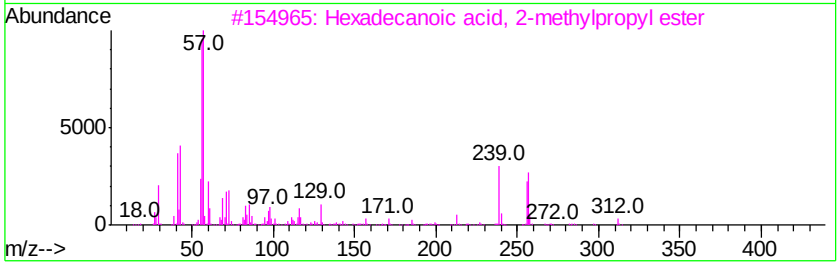


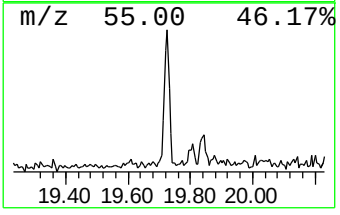












Library Search Compound Report

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Data File : BG047155.D
Acq On : 30 Oct 2020 15:32
Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ0

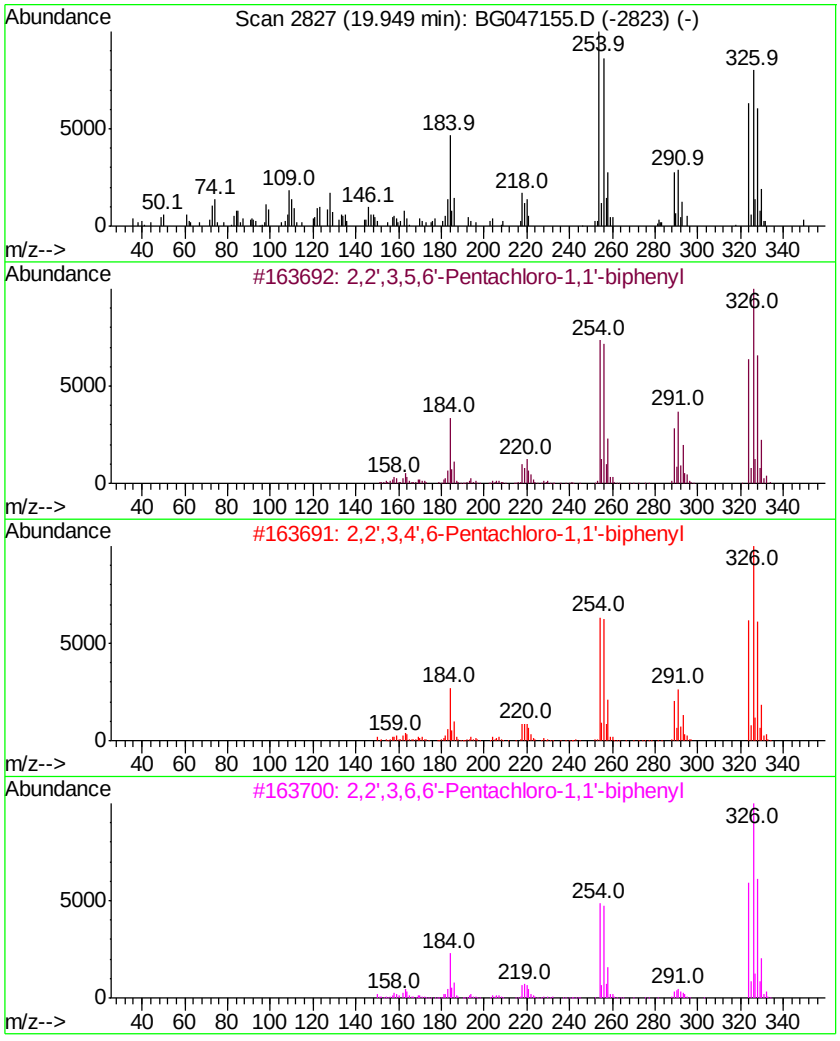
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

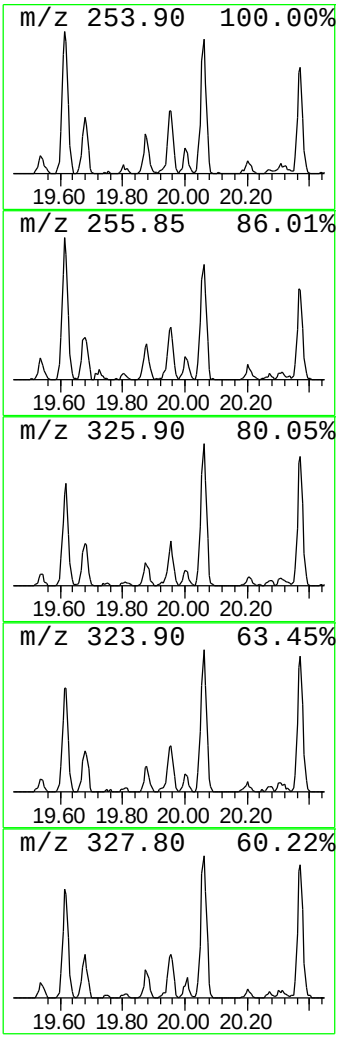
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,2',3,5,6'-Pentachloro-1,1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	2.71 ng/ul	141197	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
2	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
3	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
4	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
5	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	98





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Data File : BG047155.D
Acq On : 30 Oct 2020 15:32
Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ0

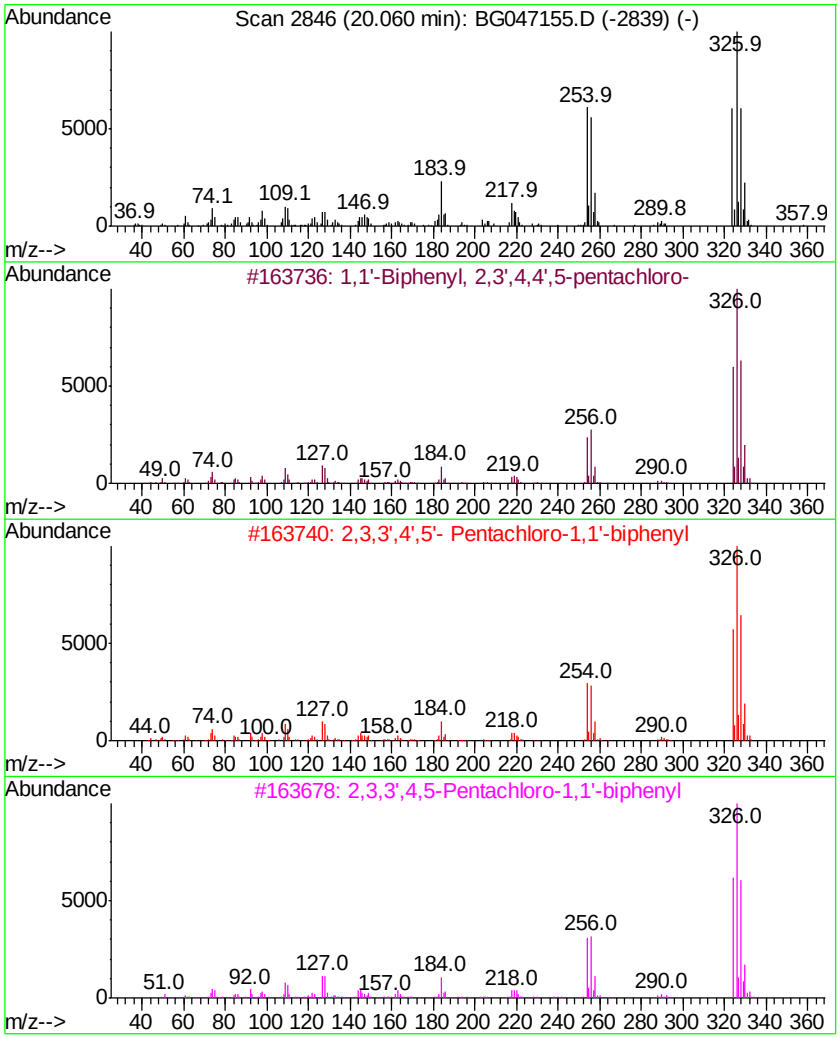
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

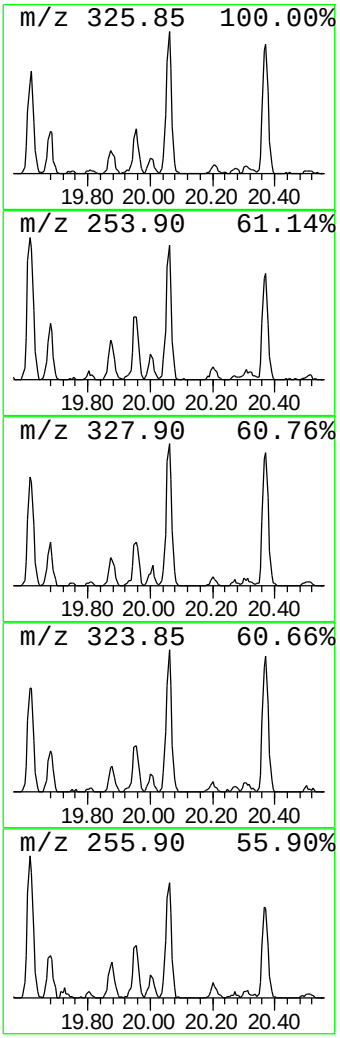
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	6.04 ng/ul	314949	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
3	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
4	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	98
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	98





Library Search Compound Report

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Data File : BG047155.D
Acq On : 30 Oct 2020 15:32
Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ0

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

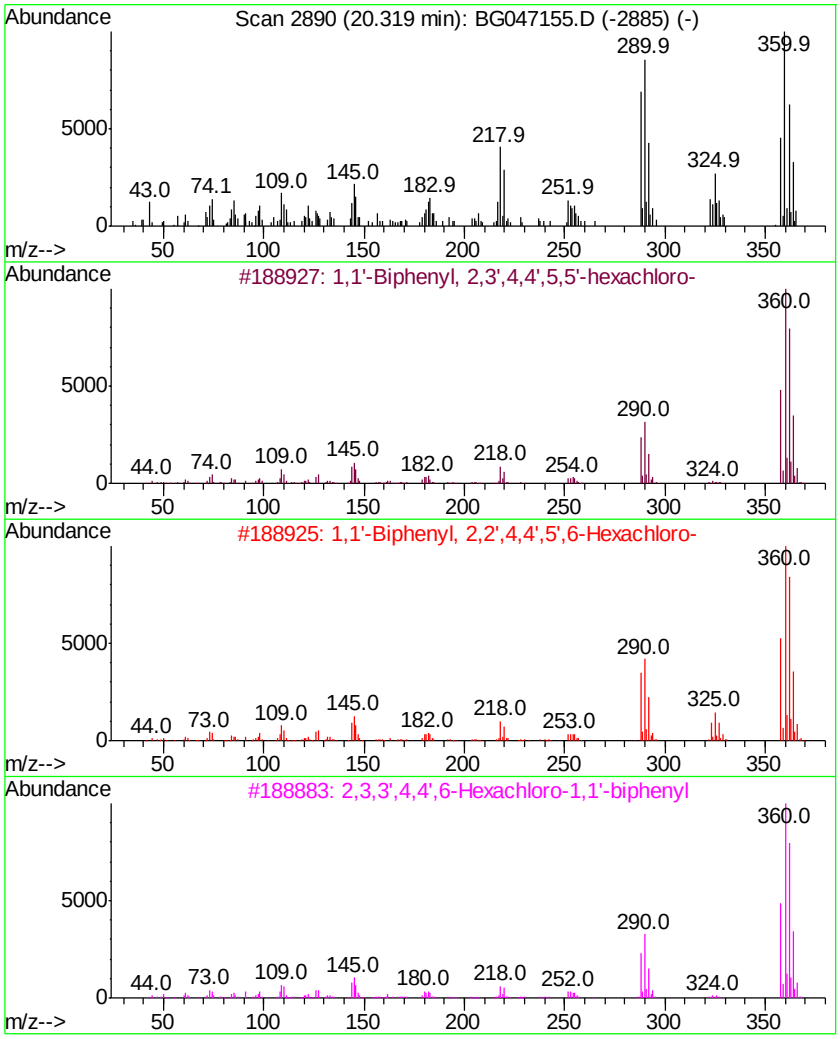
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

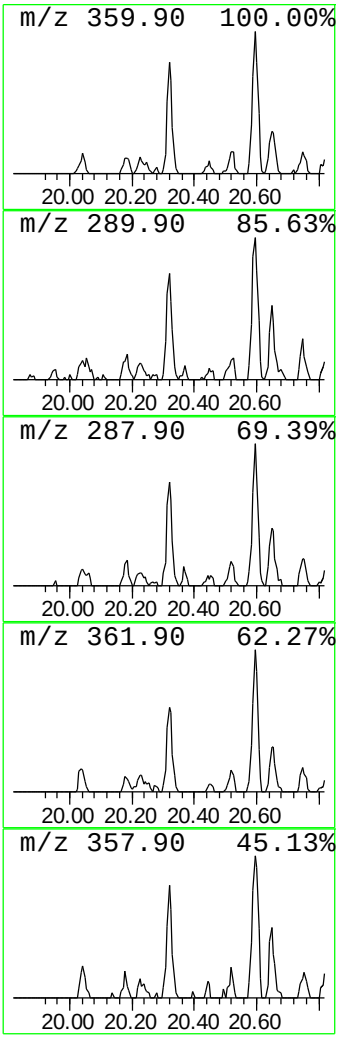
****

Peak Number 9 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	3.03 ng/ul	157948	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
3	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
4	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
5	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99





Library Search Compound Report

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Data File : BG047155.D
Acq On : 30 Oct 2020 15:32
Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ0

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

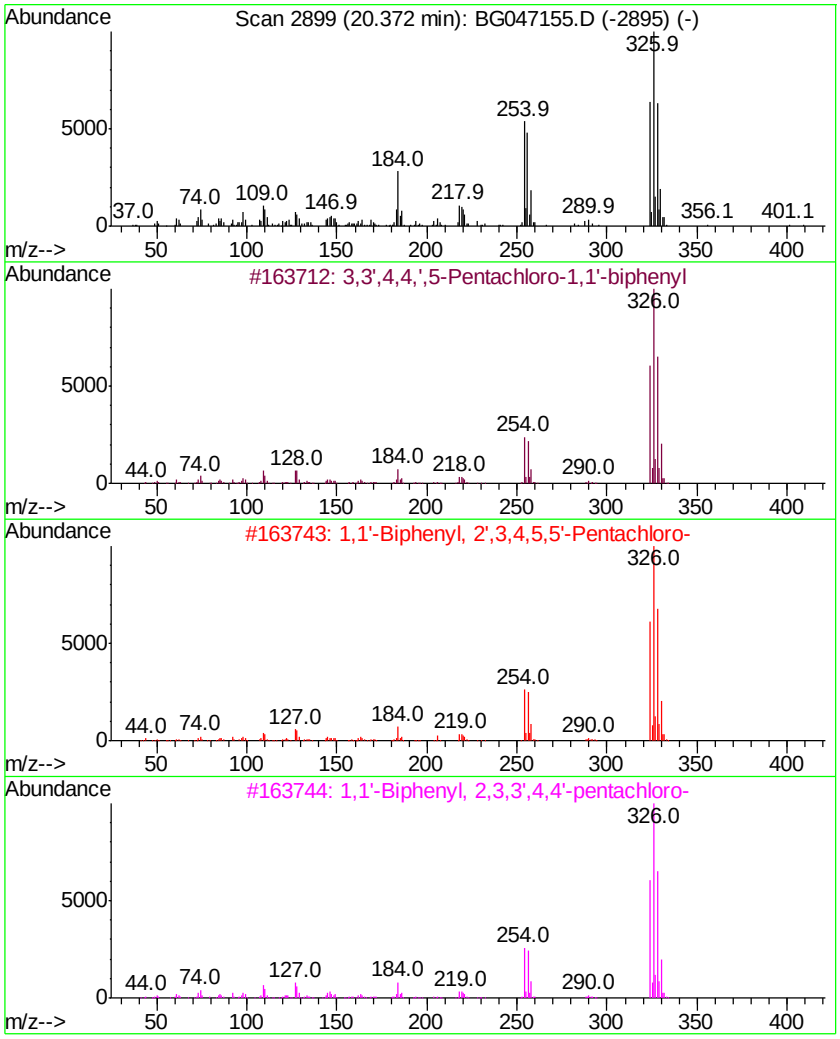
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

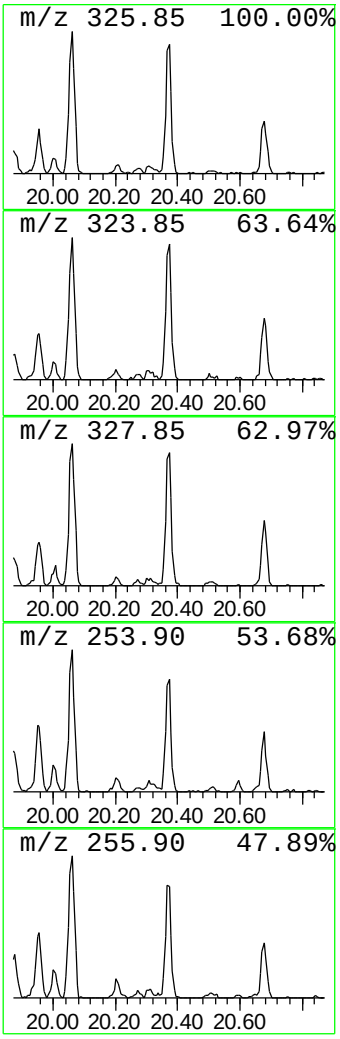
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	4.86 ng/ul	253789	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	96
2	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
4	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	96
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96





Library Search Compound Report

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Data File : BG047155.D
Acq On : 30 Oct 2020 15:32
Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ0

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

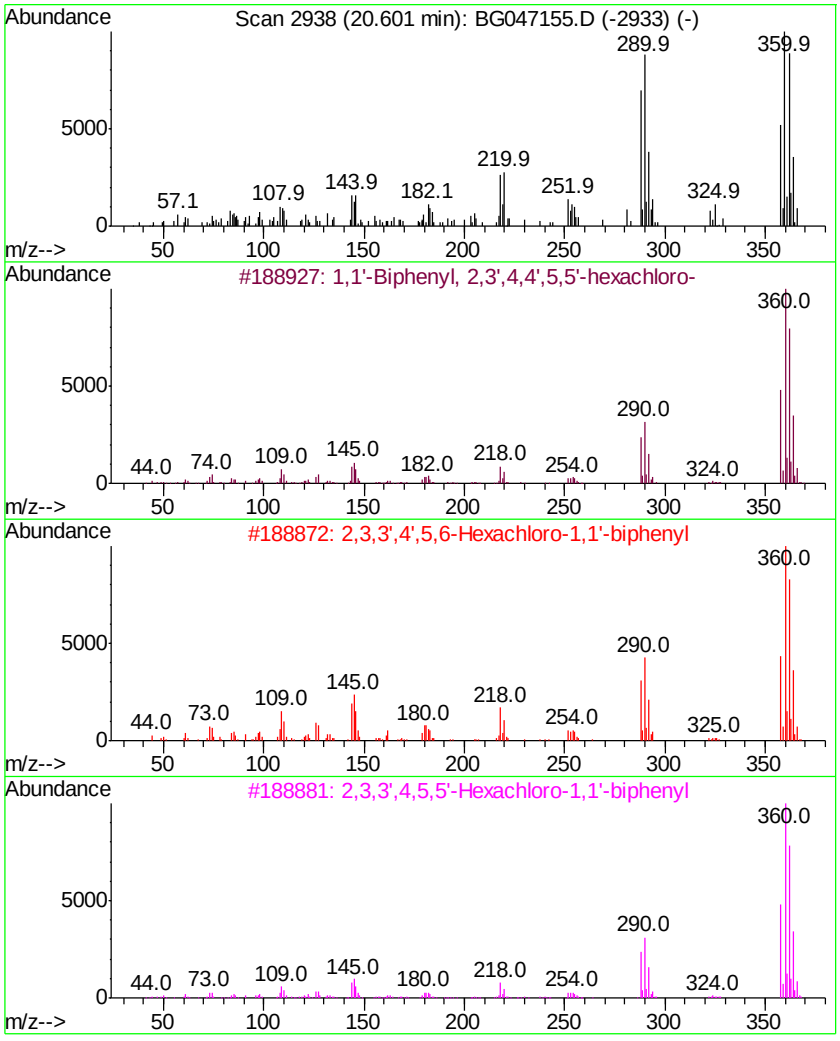
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

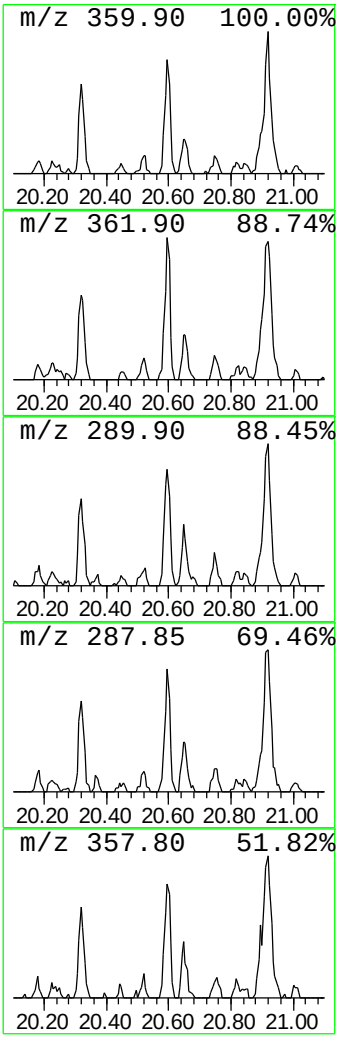
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	2.64 ng/ul	137644	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	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	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99





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Data File : BG047155.D
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Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ0

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

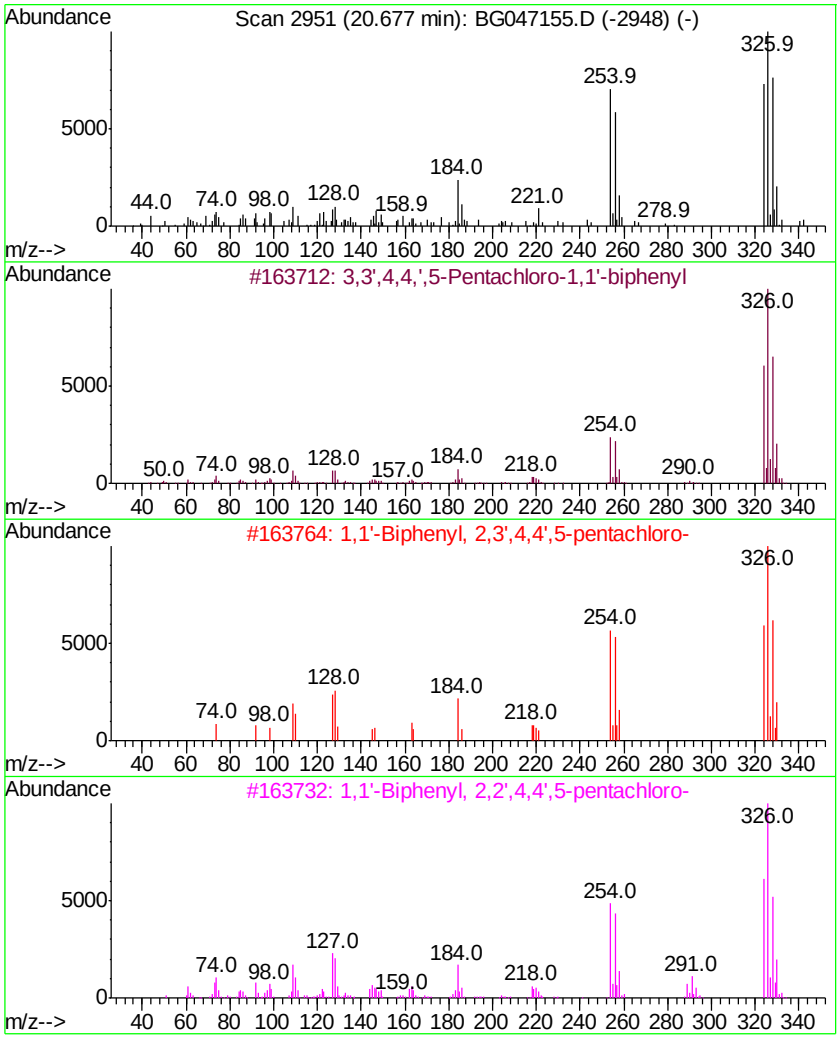
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

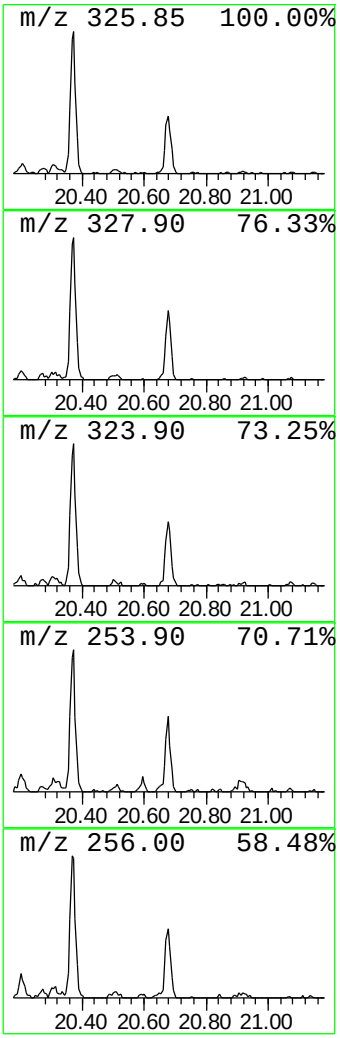
****

Peak Number 12 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	2.25 ng/ul	117559	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	95
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	94
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	94
5	1,1'-Biphenyl, 2,3,4,4',5-Pentac...	324	C12H5Cl5	074472-37-0	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047155.D
Acq On : 30 Oct 2020 15:32
Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ0

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

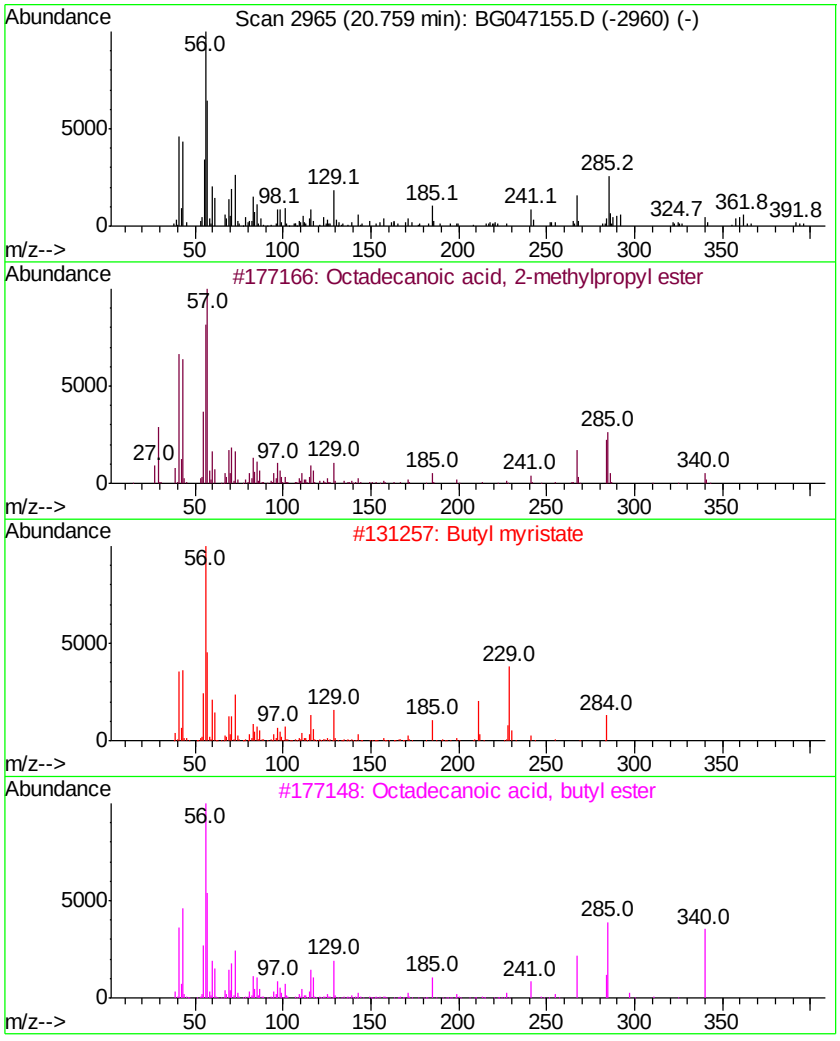
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

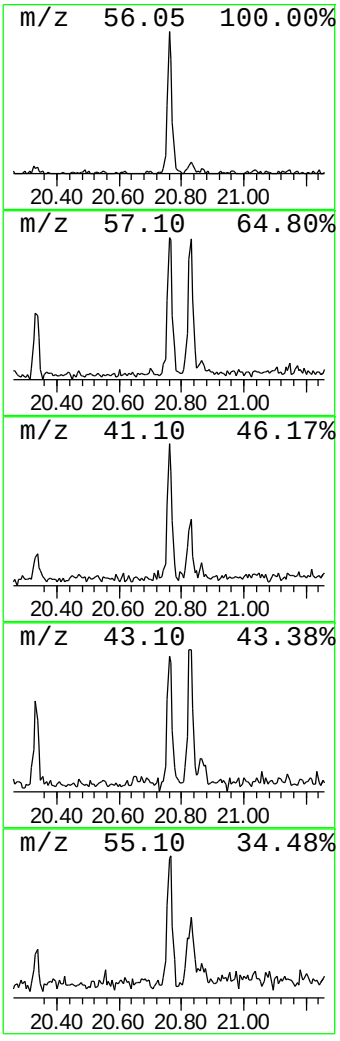
****

Peak Number 13 Octadecanoic acid, 2-methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	2.91 ng/ul	152000	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	60
2	Butyl myristate	284	C18H36O2	000110-36-1	58
3	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	41
4	5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	38
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047155.D
Acq On : 30 Oct 2020 15:32
Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ0

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

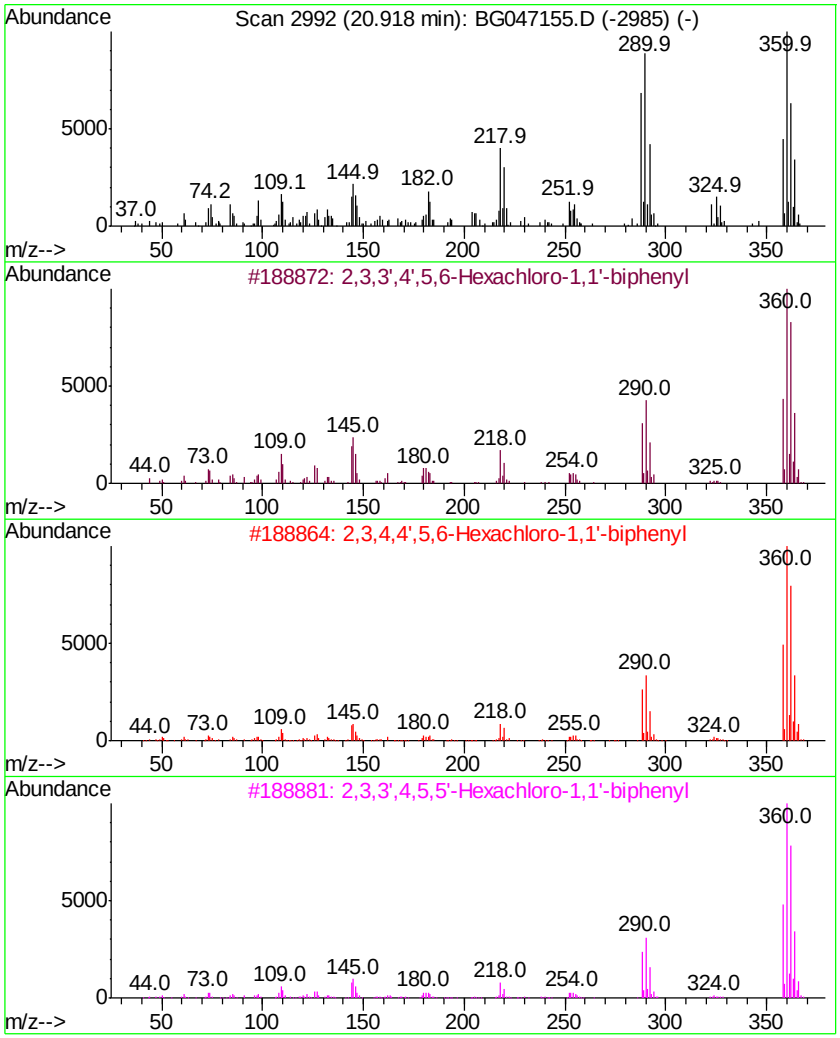
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

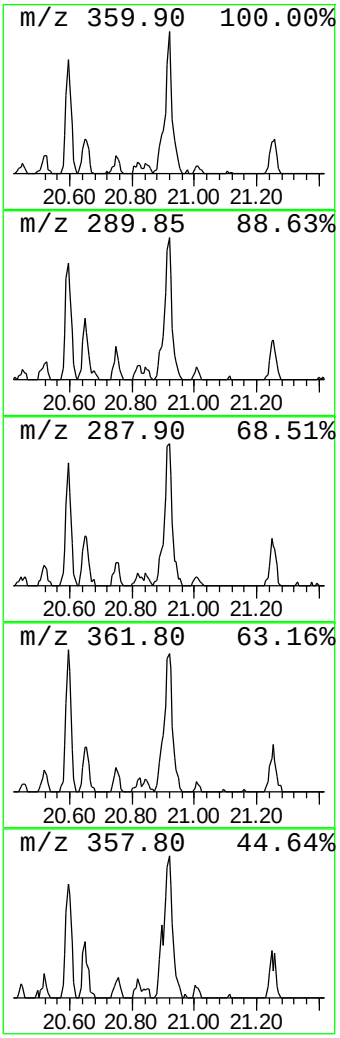
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	5.05 ng/ul	263424	Chrysene-d12	21.70

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	96
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	95
3	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	95
4	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	94
5	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047155.D
Acq On : 30 Oct 2020 15:32
Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ0

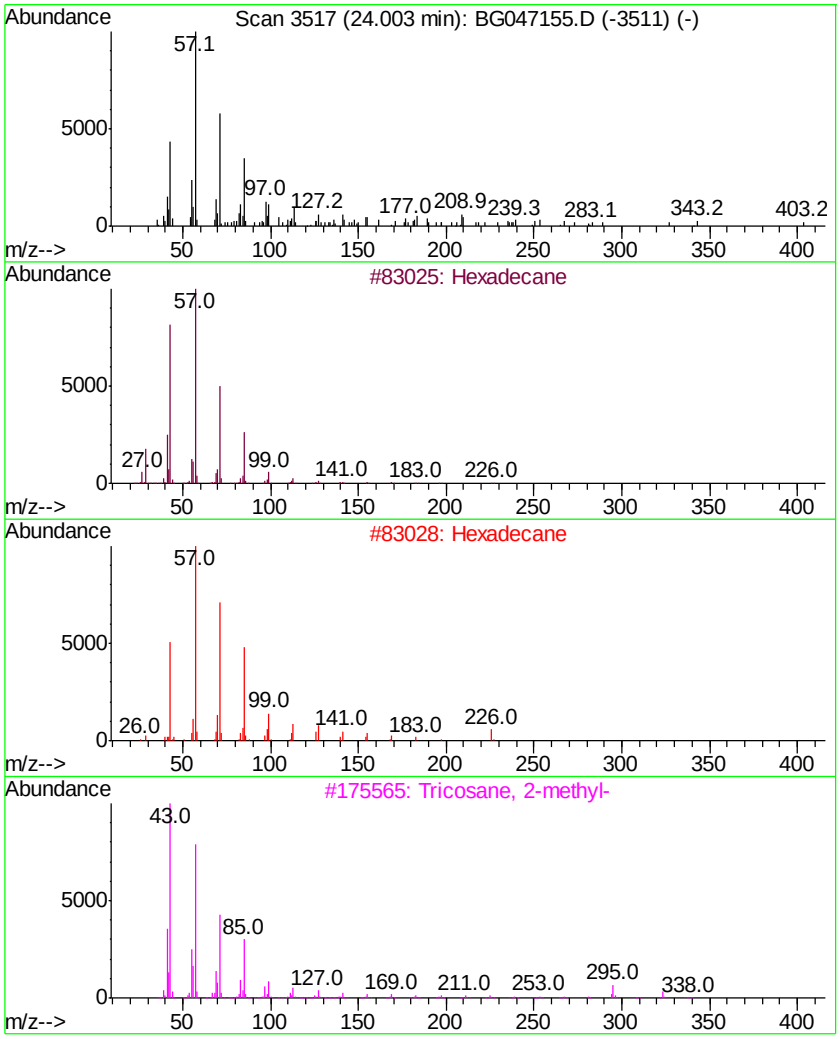
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

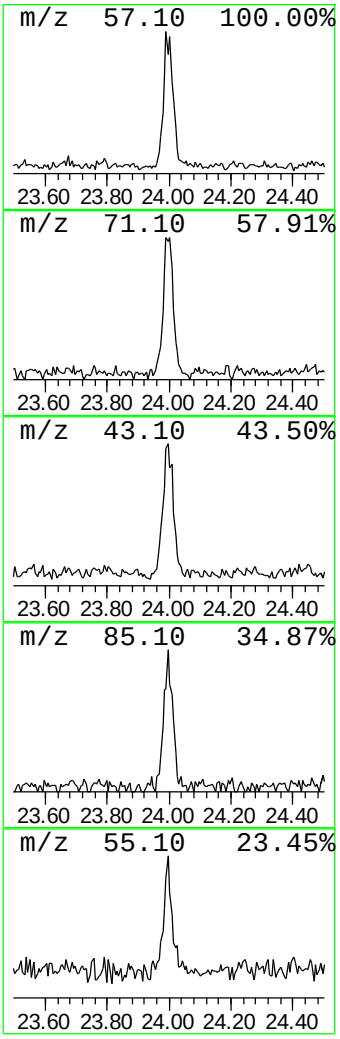
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.19 ng/ul	118280	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Hexadecane	226	C16H34	000544-76-3	89
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	80
4	2-methyloctacosane	408	C29H60	1000376-72-8	80
5	2-methyltetracosane	352	C25H52	1000376-72-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102920\
Data File : BG047155.D
Acq On : 30 Oct 2020 15:32
Operator : CG/JU
Sample : L4505-20
Misc : GCMS CONFIRMATION
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BJ0

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	30.4	ng/ul	497935	1	8.06	327305	20.0
2,2',4,5-Tetrachl...	18.49	2.2	ng/ul	101272	4	17.43	910859	20.0
1,1'-Biphenyl, 2,...	19.34	4.4	ng/ul	199117	4	17.43	910859	20.0
1,1'-Biphenyl, 2,...	19.61	5.9	ng/ul	308084	5	21.70	1043670	20.0
2,2',3,6,6'-Penta...	19.68	2.1	ng/ul	110187	5	21.70	1043670	20.0
Hexadecanoic acid...	19.73	2.9	ng/ul	152230	5	21.70	1043670	20.0
2,2',3,5,6'-Penta...	19.95	2.7	ng/ul	141197	5	21.70	1043670	20.0
1,1'-Biphenyl, 2,...	20.06	6.0	ng/ul	314949	5	21.70	1043670	20.0
1,1'-Biphenyl, 2,...	20.32	3.0	ng/ul	157948	5	21.70	1043670	20.0
3,3',4,4',5-Pent...	20.37	4.9	ng/ul	253789	5	21.70	1043670	20.0
2,3,3',4',5,6-Hex...	20.60	2.6	ng/ul	137644	5	21.70	1043670	20.0
unknown-01	20.68	2.3	ng/ul	117559	5	21.70	1043670	20.0
Octadecanoic acid...	20.76	2.9	ng/ul	152000	5	21.70	1043670	20.0
2,3,4,4',5,6-Hexa...	20.92	5.0	ng/ul	263424	5	21.70	1043670	20.0
(DEL) Alkane: Str...	24.00	2.2	ng/ul	118280	6	24.93	1078470	20.0