LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

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-BG101520MA.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	3.496	24	27	37	rVB3	9819	16653	0.88%	0.054%
2	3.772	70	74	79	rVB6	4735	7891	0.42%	0.026%
3	4.025	113	117	121	rBV2	9148	12594	0.67%	0.041%
4	4.254	149	156	164	rVB	50511	85376	4.53%	0.277%
5	5.582	375	382	388	rVB2	25189	44595	2.37%	0.144%
6	6.058	458	463	473	rVB4	16623	33266	1.76%	0.108%
7	6.569	545	550	553	rBV4	8342	13989	0.74%	0.045%
8	7.063	630	634	637	rVV4	8558	11296	0.60%	0.037%
9	7.233	656	663	675	rVV	184270	346253	18.36%	1.121%
10	7.403	684	692	700	rBV	137281	224704	11.92%	0.728%
11	7.615	720	728	734	rBV	180926	316827	16.80%	1.026%
12	7.662	734	736	740	rVV2	15213	22153	1.17%	0.072%
13	7.703	740	743	749	rVV6	6607	11916	0.63%	0.039%
14	8.085	801	808	814	rBV	219732	374990	19.89%	1.214%
15	8.784	918	927	935	rVV	209764	374537	19.86%	1.213%
16	8.896	941	946	953	rVV4	12304	24344	1.29%	0.079%
17	9.242	998	1005	1012	rBV2	175379	314909	16.70%	1.020%
18	9.965	1121	1128	1138	rBV	158808	282593	14.99%	0.915%
19	10.512	1212	1221	1229	rBV	240463	441969	23.44%	1.431%
20	10.893	1278	1286	1292	rVV	300285	548391	29.08%	1.776%
21	10.941	1292	1294	1300	rVV2	23728	34384	1.82%	0.111%
22	11.023	1300	1308	1323	rVV	105496	218213	11.57%	0.707%
23	12.539	1562	1566	1572	rBV	16298	24308	1.29%	0.079%
24	12.762	1599	1604	1607	rBV3	14146	23456	1.24%	0.076%
25	13.543	1730	1737	1740	rVV4	7063	15037	0.80%	0.049%
26	13.590	1742	1745	1750	rVB5	4664	7987	0.42%	0.026%
27	13.872	1788	1793	1795	rBV4	9466	13938	0.74%	0.045%
28	14.031	1813	1820	1825	rBV3	16920	31877	1.69%	0.103%
29	14.107	1825	1833	1837	rVV	491359	711612	37.74%	2.305%
30	14.154	1837	1841	1847	rVB	143024	197258	10.46%	0.639%
31	14.272	1857	1861	1863	rVB2	8414	11355	0.60%	0.037%
32	14.301	1863	1866	1869	rVB5	4891	6616	0.35%	0.021%
33	14.354	1869	1875	1877	rBV5	3352	6973	0.37%	0.023%
34	14.401	1877	1883	1897	rVB	484406	780725	41.41%	2.529%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

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-BG101520MA.M
Title : SVOA CALIBRATION

35	14.589	1912	1915	1920	rVB5	4193	6498	0.34%	0.021%
36	14.707	1925	1935	1942	rBV	496339	804610	42.67%	2.606%
37	14.771	1942	1946	1952	rVB2	63378	96238	5.10%	0.312%
38	14.895	1961	1967	1974	rBV2	183216	310763	16.48%	1.006%
39	15.042	1986	1992	1998	rVV7	16609	33488	1.78%	0.108%
40	15.106	1998	2003	2009	rVB2	55581	88475	4.69%	0.287%
41	15.183	2012	2016	2020	rVB4	8697	12494	0.66%	0.040%
42	15.324	2034	2040	2043	rBV5	11055	19538	1.04%	0.063%
43	15.371	2043	2048	2052	rVV7	10534	18856	1.00%	0.061%
44	15.494	2061	2069	2076	rBV6	20461	52758	2.80%	0.171%
45	15.700	2094	2104	2109	rBV	669569	1016001	53.89%	3.291%
46	15.753	2109	2113	2118	rVV2	67816	99458	5.27%	0.322%
47	15.811	2118	2123	2128	rVV2	64380	102518	5.44%	0.332%
48	15.876	2131	2134	2137	rVV4	11013	17894	0.95%	0.058%
49	15.923	2137	2142	2152	rVV8	38238	88269	4.68%	0.286%
50	16.005	2152	2156	2159	rVV4	10472	15155	0.80%	0.049%
51	16.046	2159	2163	2172	rVB2	28039	44518	2.36%	0.144%
52	16.193	2180	2188	2195	rBV2	32556	77368	4.10%	0.251%
53	16.281	2198	2203	2209	rVB5	29538	52831	2.80%	0.171%
54	16.375	2214	2219	2222	rBV7	7786	11828	0.63%	0.038%
55	16.405	2222	2224	2225	rBV2	8179	7194	0.38%	0.023%
56	16.428	2225	2228	2233	rVB6	19673	25297	1.34%	0.082%
57	16.534	2242	2246	2247	rBV4	7044	7470	0.40%	0.024%
58	16.646	2261	2265	2267	rVB4	8119	9964	0.53%	0.032%
59	16.751	2280	2283	2288	rBV6	13460	18852	1.00%	0.061%
60	16.798	2288	2291	2296	rVB6	17265	24992	1.33%	0.081%
61	16.845	2296	2299	2304	rBV7	7622	14853	0.79%	0.048%
62	16.892	2306	2307	2309	rBV2	6423	6525	0.35%	0.021%
63	16.980	2320	2322	2325	rBV4	16409	11579	0.61%	0.038%
64	17.022	2327	2329	2330	rVV2	12104	9357	0.50%	0.030%
65	17.051	2331	2334	2339	rVB	36340	44819	2.38%	0.145%
66	17.104	2339	2343	2350	rVB2	64862	104334	5.53%	0.338%
67	17.186	2353	2357	2363	rBV6	23652	55313	2.93%	0.179%
68	17.274	2368	2372	2377	rVB	45568	69392	3.68%	0.225%
69	17.456	2397	2403	2406	rBV	582559	916258	48.60%	2.968%
70	17.498	2406	2410	2415	rVV	844806	1239933	65.76%	4.016%
71	17.550	2415	2419	2423	rVV2	632345	1015706	53.87%	3.290%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

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-BG101520MA.M
Title : SVOA CALIBRATION

72	17.586	2423	2425	2430	rVV	174023	227156	12.05%	0.736%
73	17.644	2430	2435	2440	rVB4	21185	44920	2.38%	0.145%
74	17.850	2467	2470	2475	rVB	82628	114033	6.05%	0.369%
75	18.338	2547	2553	2556	rBV2	350764	544660	28.89%	1.764%
76	18.379	2556	2560	2563	rVB	113314	162508	8.62%	0.526%
77	18.526	2580	2585	2589	rBV2	159390	281409	14.92%	0.911%
78	18.825	2632	2636	2639	rBV	82768	113897	6.04%	0.369%
79	18.866	2639	2643	2647	rVB	91852	133441	7.08%	0.432%
80	19.360	2724	2727	2734	rVB2	104045	189690	10.06%	0.614%
81	19.507	2746	2752	2757	rVB	1288883	1842054	97.70%	5.966%
82	19.601	2765	2768	2771	rBV3	168164	215585	11.43%	0.698%
83	19.636	2771	2774	2779	rVB2	214468	274159	14.54%	0.888%
84	19.748	2789	2793	2798	rVB	327198	382371	20.28%	1.238%
85	19.836	2803	2808	2810	rVV2	896130	1328794	70.47%	4.304%
86	19.865	2810	2813	2820	rVB	972246	1369805	72.65%	4.436%
87	20.200	2868	2870	2874	rVB3	282226	335121	17.77%	1.085%
88	20.341	2890	2894	2900	rVB3	686494	1015103	53.84%	3.288%
89	20.541	2926	2928	2932	rVB4	166257	177664	9.42%	0.575%
90	20.617	2937	2941	2945	rVB2	788446	914107	48.48%	2.961%
91	20.788	2965	2970	2976	rVB2	868307	1157698	61.40%	3.749%
92	20.941	2994	2996	3003	rVB2	433508	536794	28.47%	1.739%
93	21.099	3018	3023	3031	rVB3	635136	1051918	55.79%	3.407%
94	21.170	3032	3035	3040	rVB5	171030	218012	11.56%	0.706%
95	21.405	3072	3075	3079	rVB2	398317	506445	26.86%	1.640%
96	21.716	3122	3128	3132	rBV3	804030	1885498	100.00%	6.107%
97	21.757	3133	3135	3145	rVB2	882792	1758754	93.28%	5.696%
98	23.955	3504	3509	3517	rBV	271351	754445	40.01%	2.443%
99	24.771	3643	3648	3654	rVB	238642	495529	26.28%	1.605%
100	24.995	3681	3686	3695	rVB3	281458	700141	37.13%	2.268%

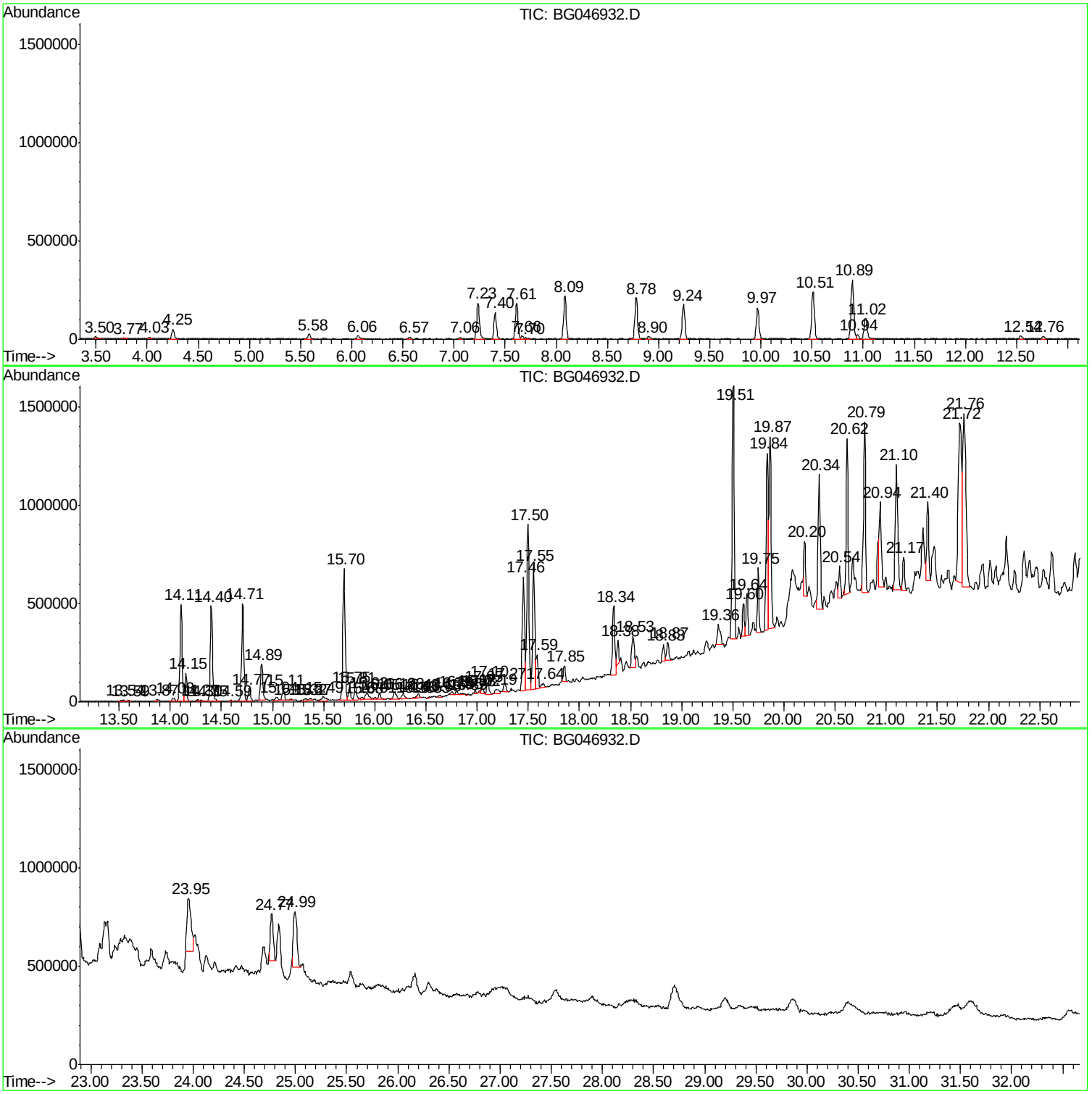
Sum of corrected areas: 30876092

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AL8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

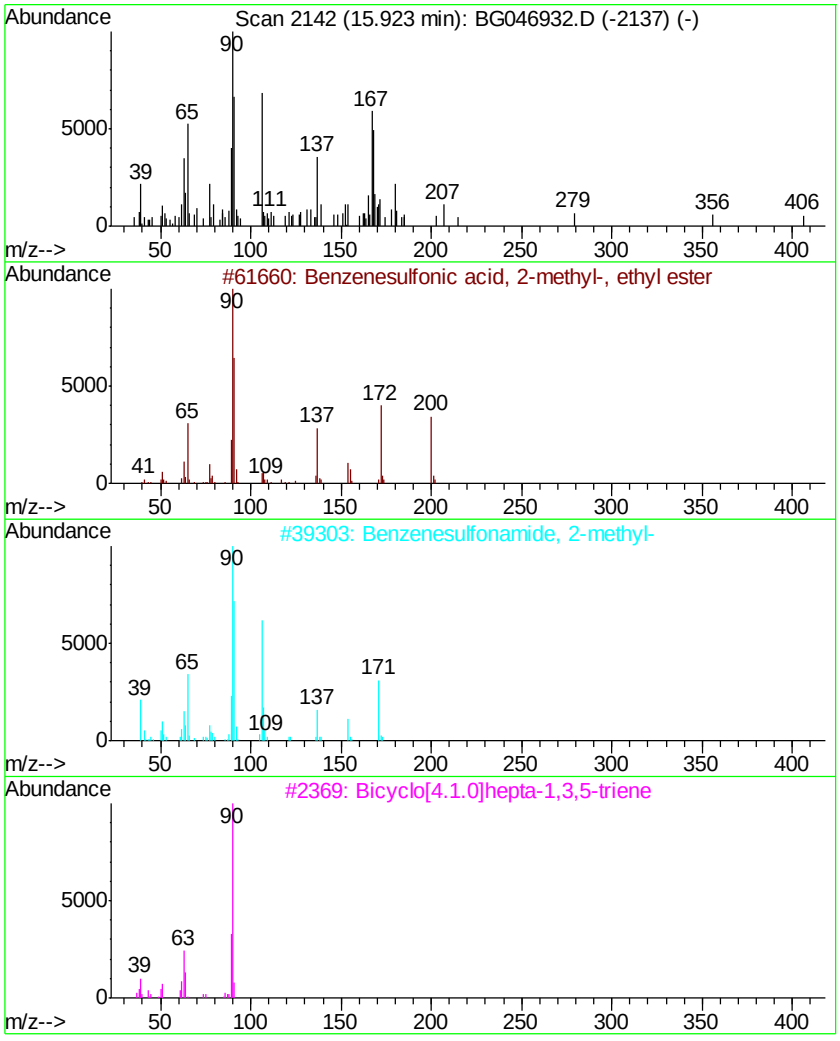
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

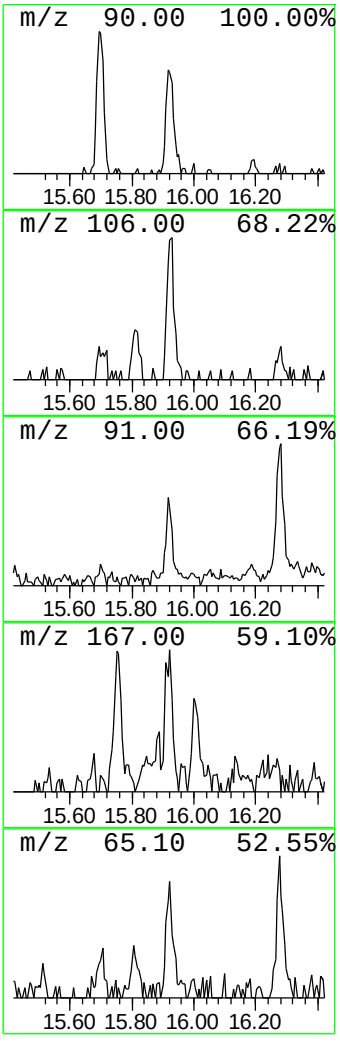
****

Peak Number 3 Benzenesulfonic acid, 2-met... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	2.19 ng/ul	88269	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonic acid, 2-methyl-,...	200	C9H12O3S	059222-96-7	53
2	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	50
3	Bicyclo[4.1.0]hepta-1,3,5-triene	90	C7H6	004646-69-9	49
4	Benzene, 1-azido-3-bromo-	197	C6H4BrN3	002101-89-5	38
5	2-Bromophenyl isocyanate	197	C7H4BrNO	001592-00-3	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

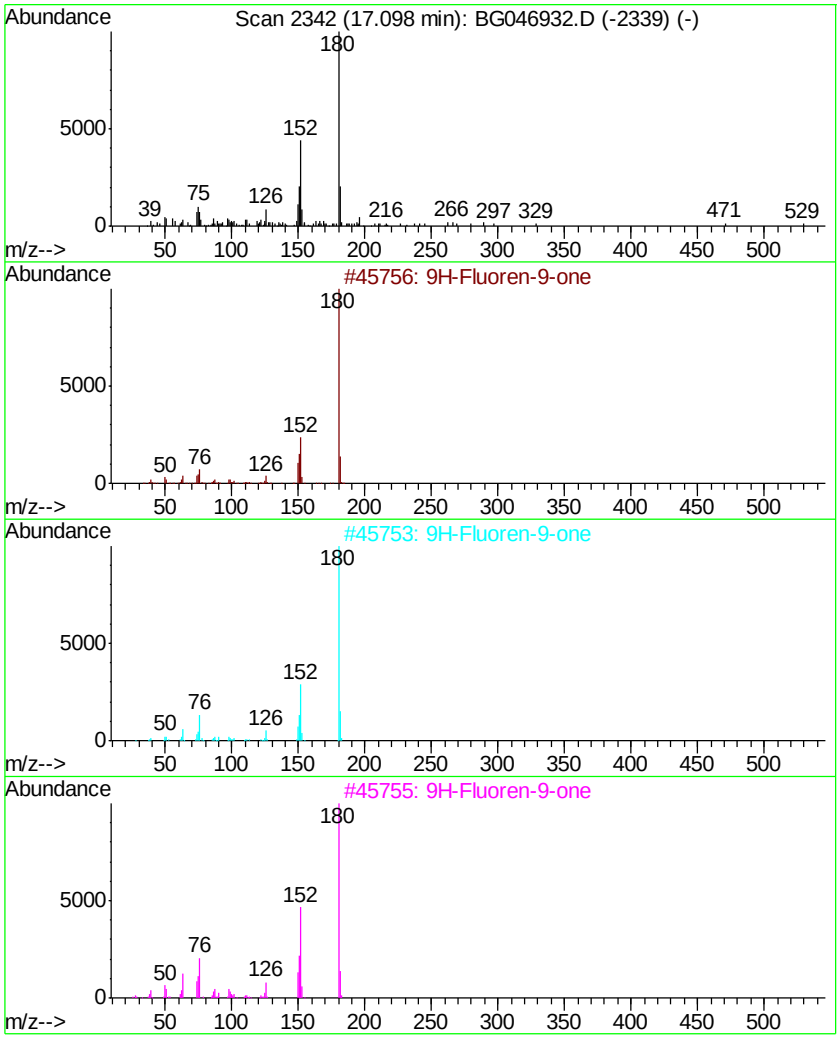
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

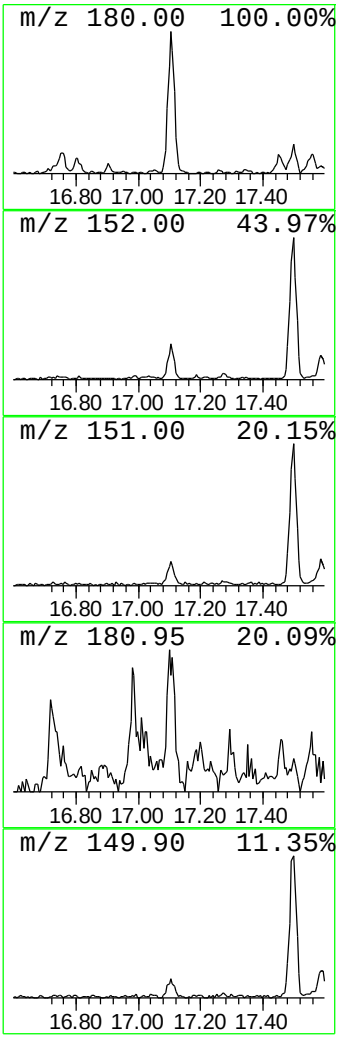
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	2.28 ng/ul	104334	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

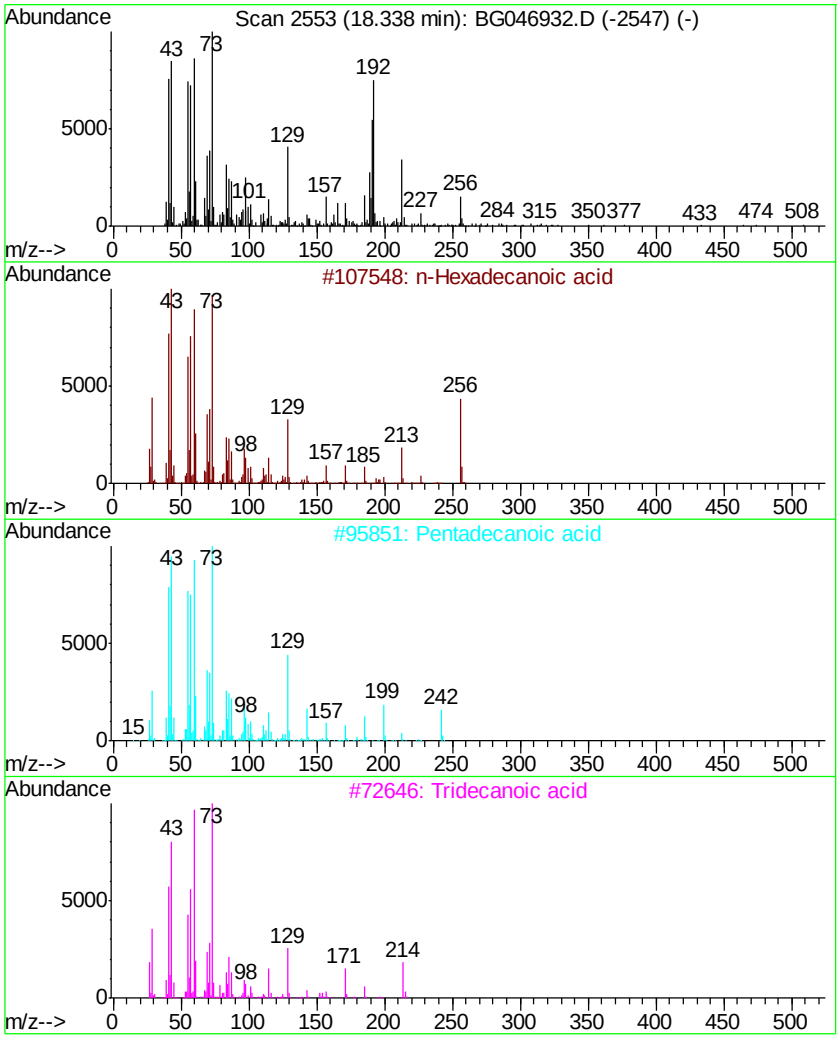
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

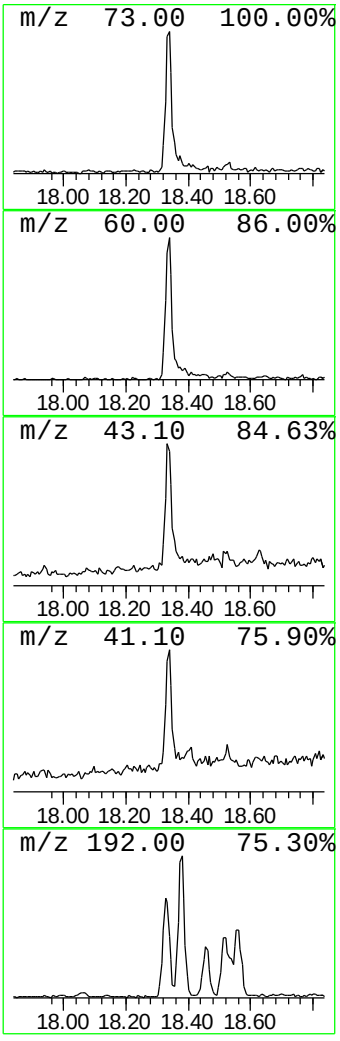
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	11.89 ng/ul	544660	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	55
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

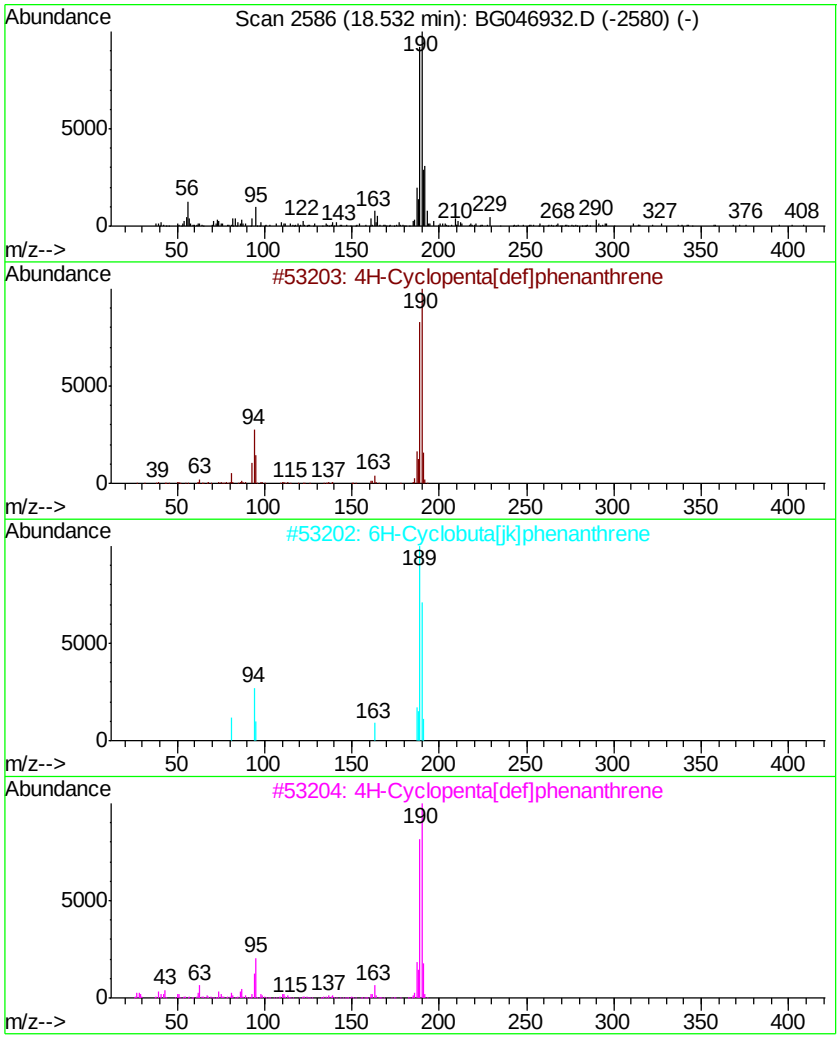
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

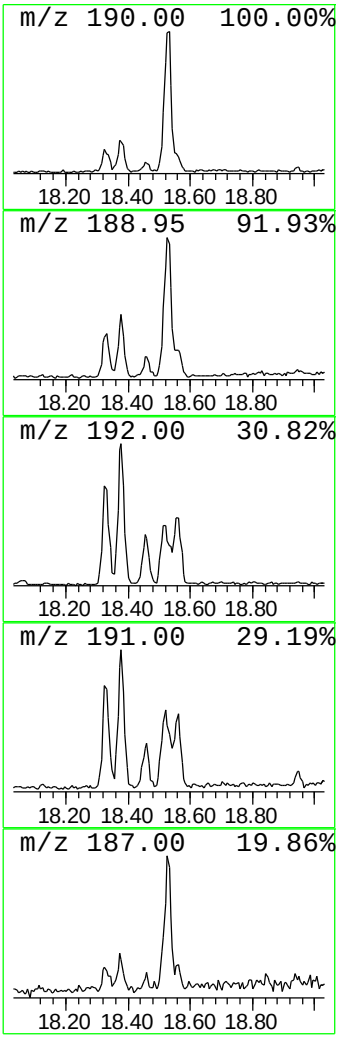
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	6.14 ng/ul	281409	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

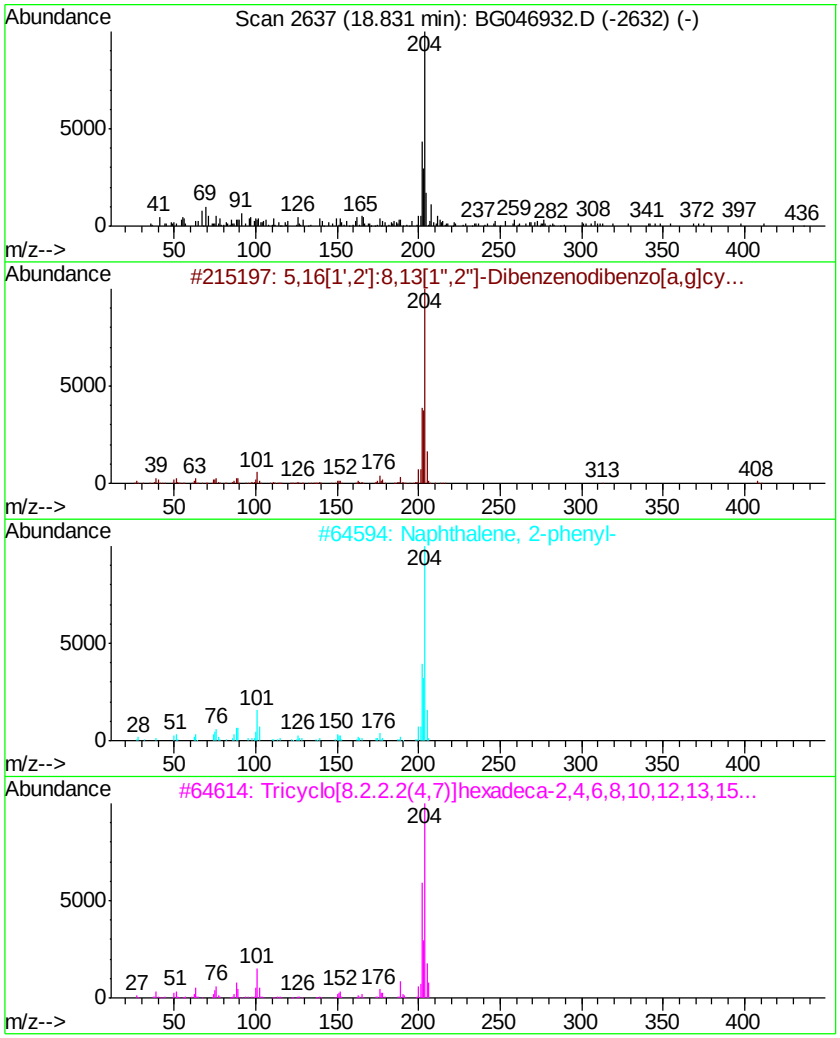
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

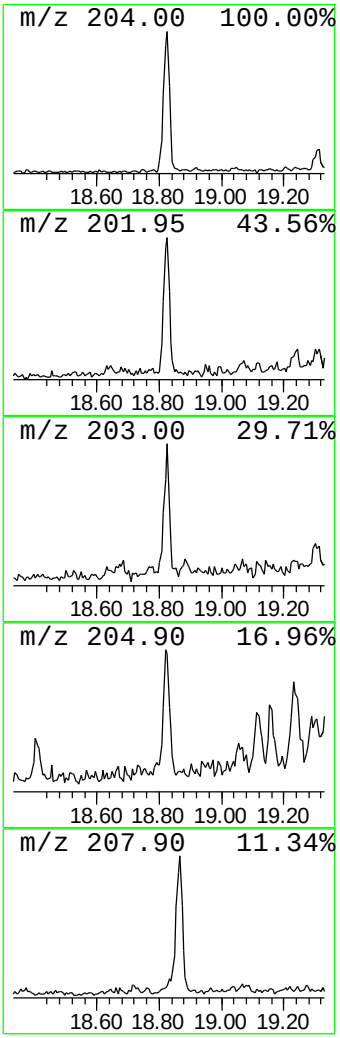
****

Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	2.49 ng/ul	113897	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

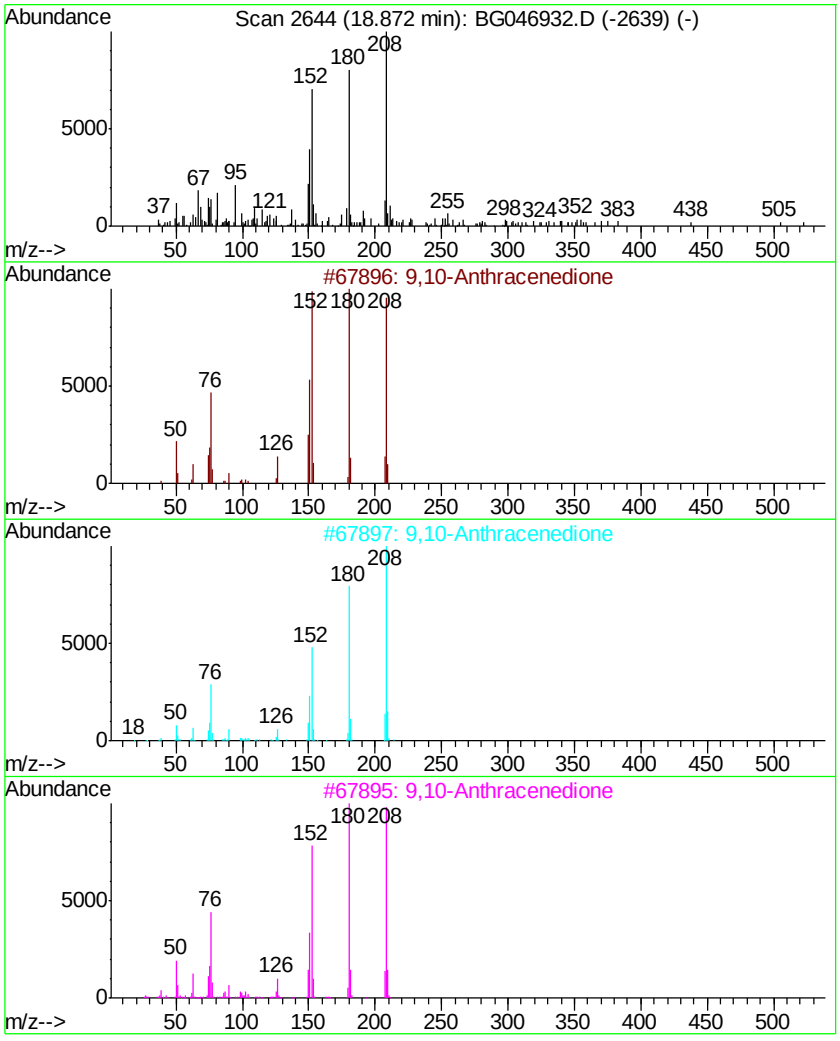
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

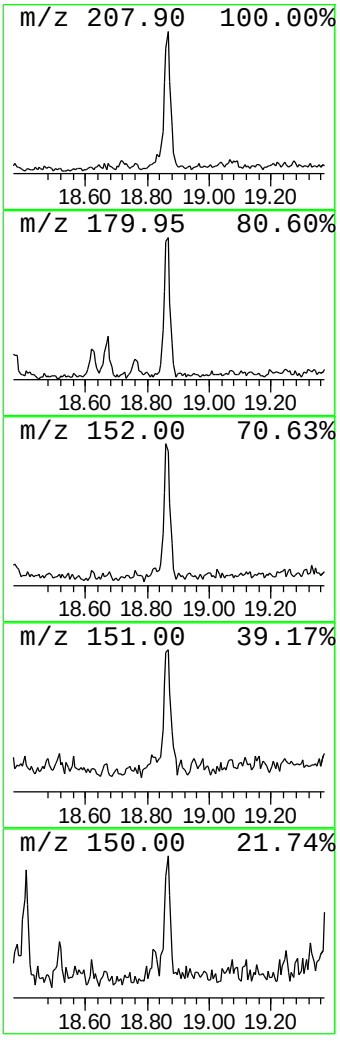
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.91 ng/ul	133441	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

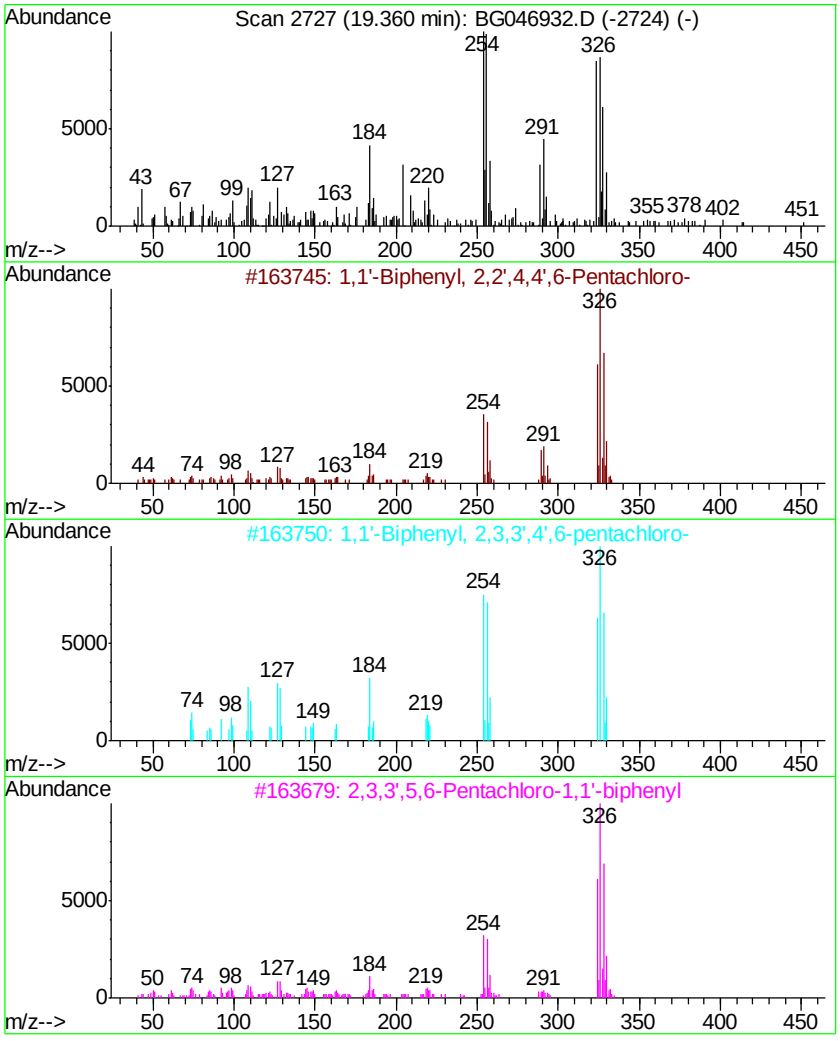
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

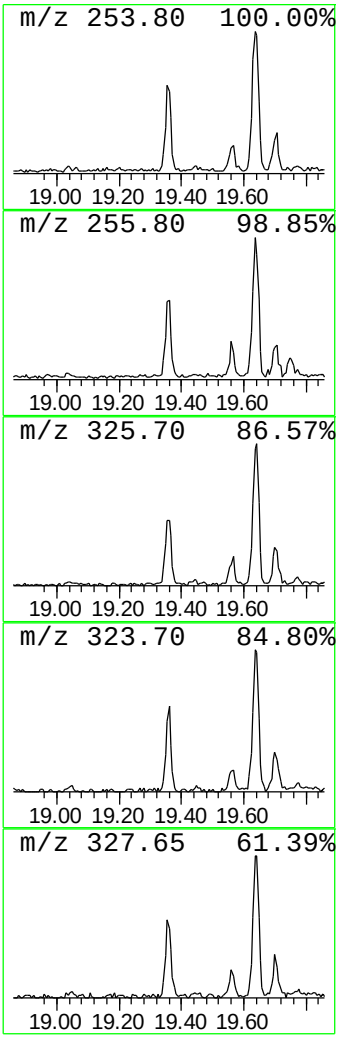
****

Peak Number 9 1,1'-Biphenyl, 2,2',4,4',6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	4.14 ng/ul	189690	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	94
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	93
3	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	93
4	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	93
5	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

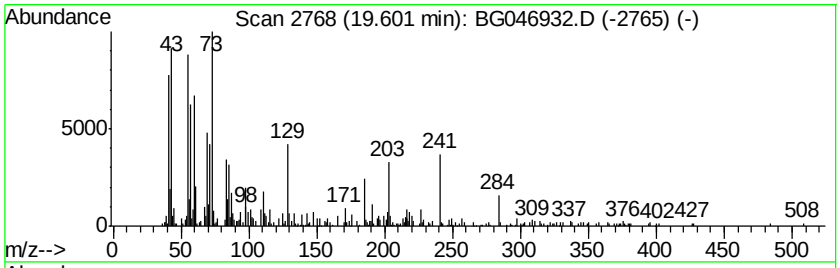
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

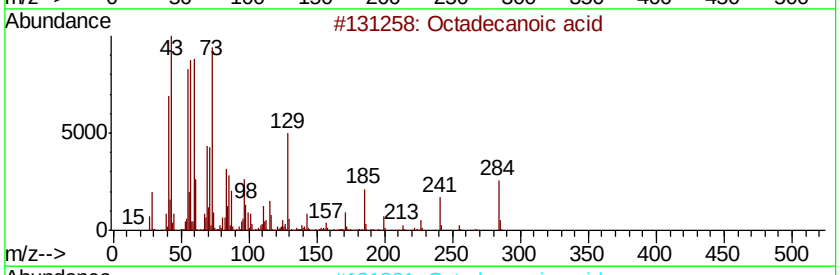
****

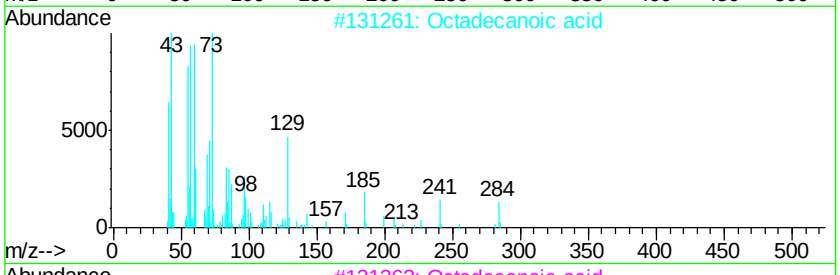
Peak Number 10 Octadecanoic acid Concentration Rank 18

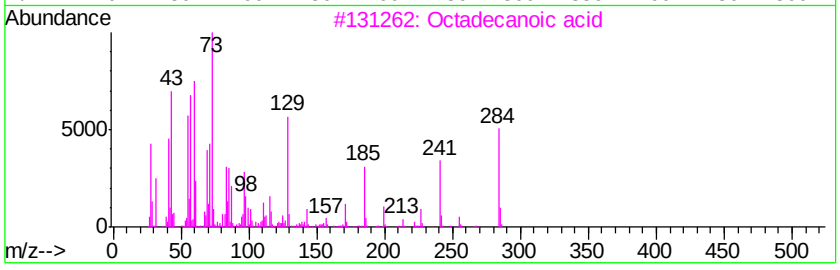
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	2.29 ng/ul	215585	Chrysene-d12	21.73

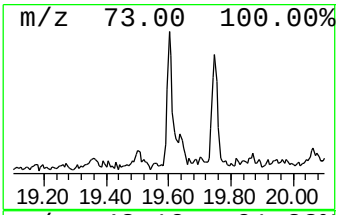
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	55

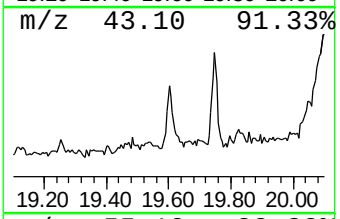


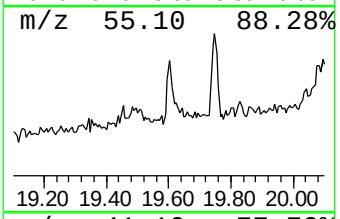


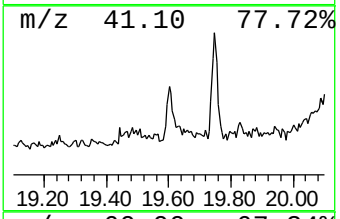


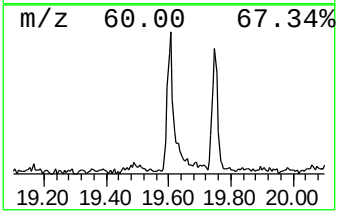












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

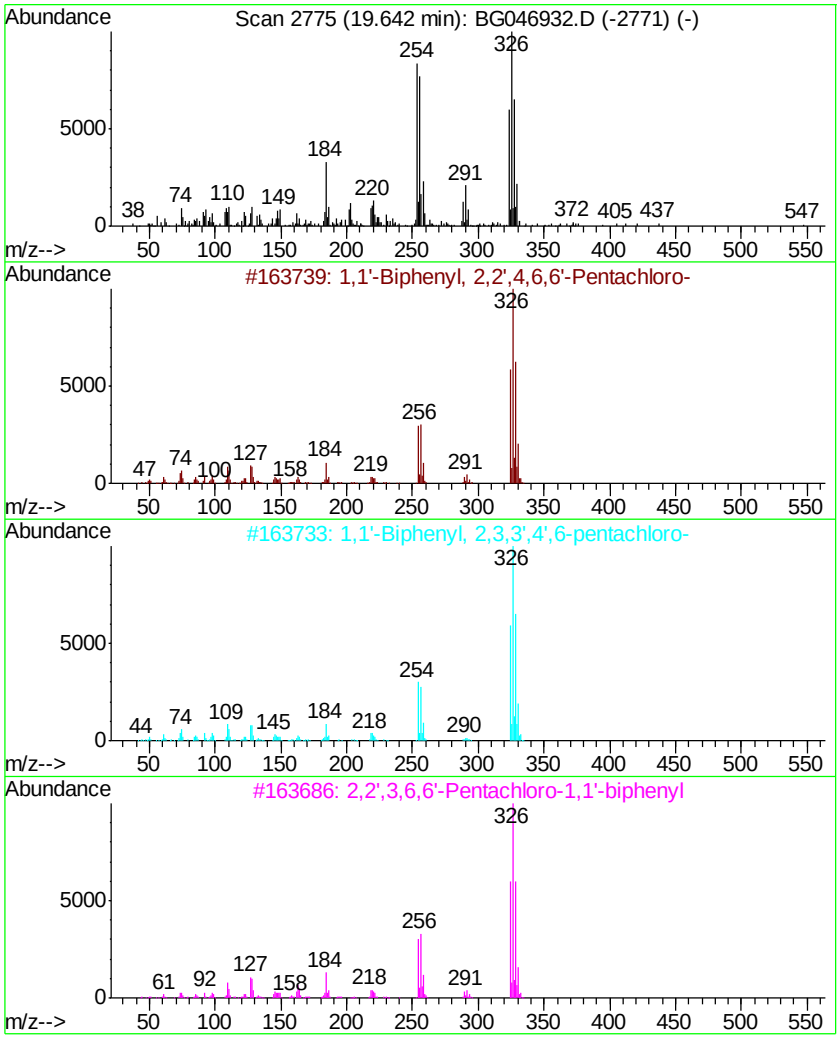
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

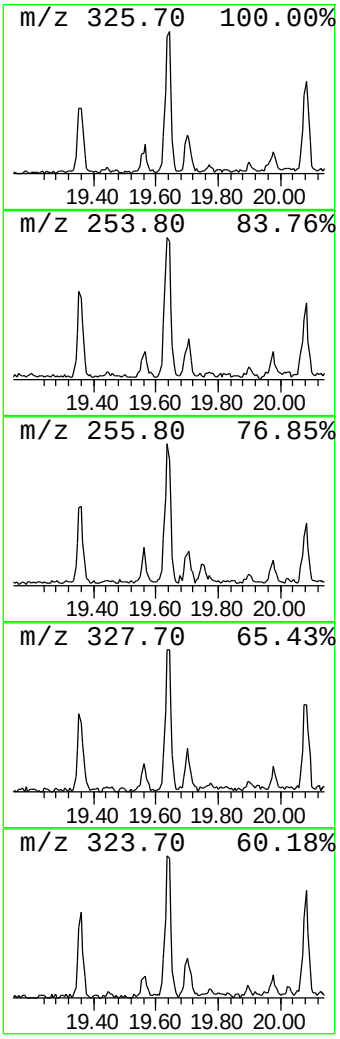
****

Peak Number 11 1,1'-Biphenyl, 2,2',4,6,6'-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	2.91 ng/ul	274159	Chrysene-d12	21.73

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	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	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	98





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

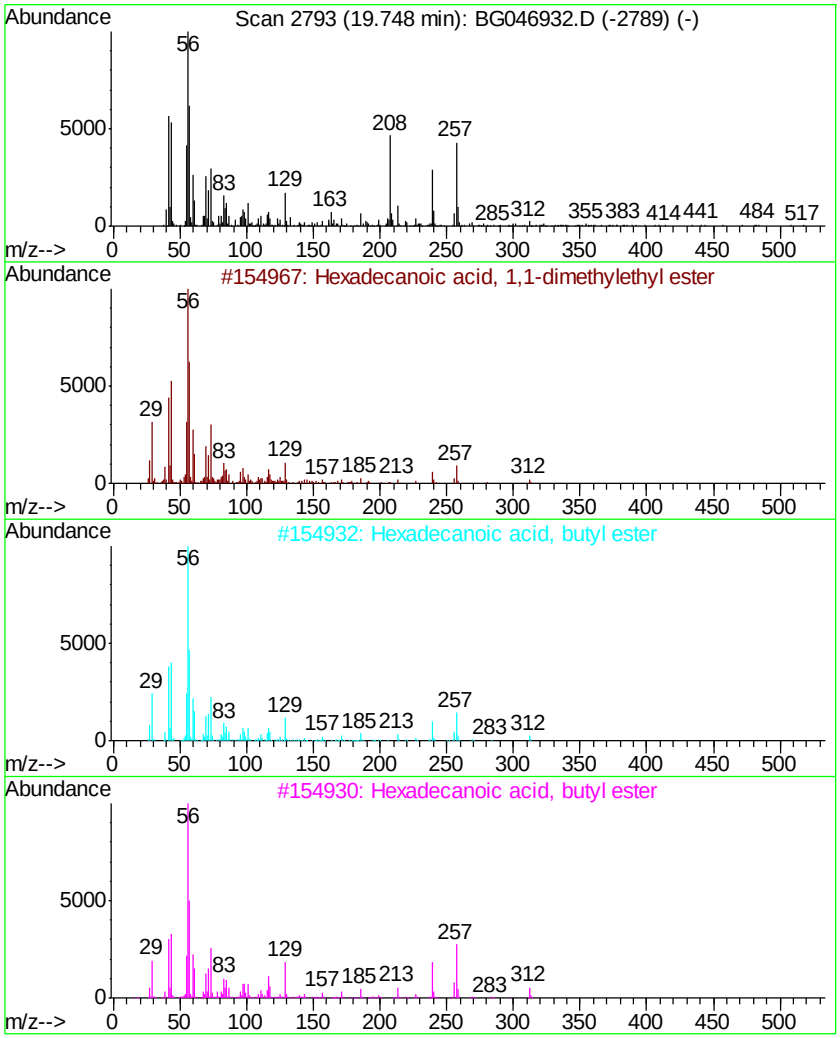
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

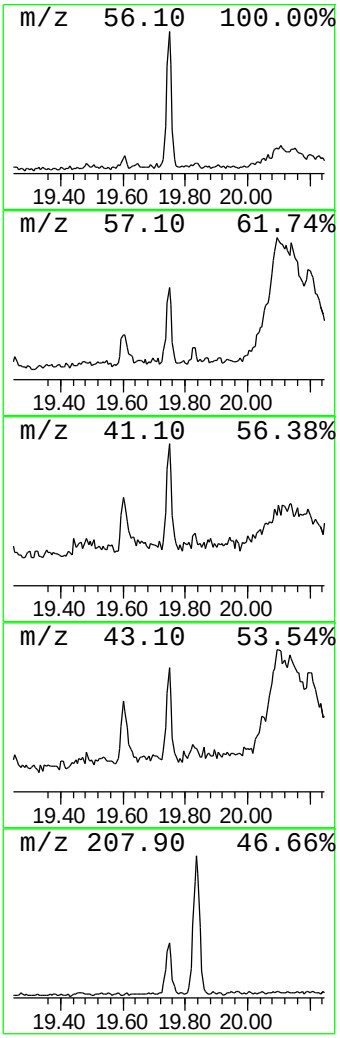
****

Peak Number 12 Hexadecanoic acid, 1,1-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	4.06 ng/ul	382371	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	95
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	43
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	38
5	Butyl 4,8,12-trimethyl-tridecanoate	312	C20H40O2	1000336-63-2	11





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

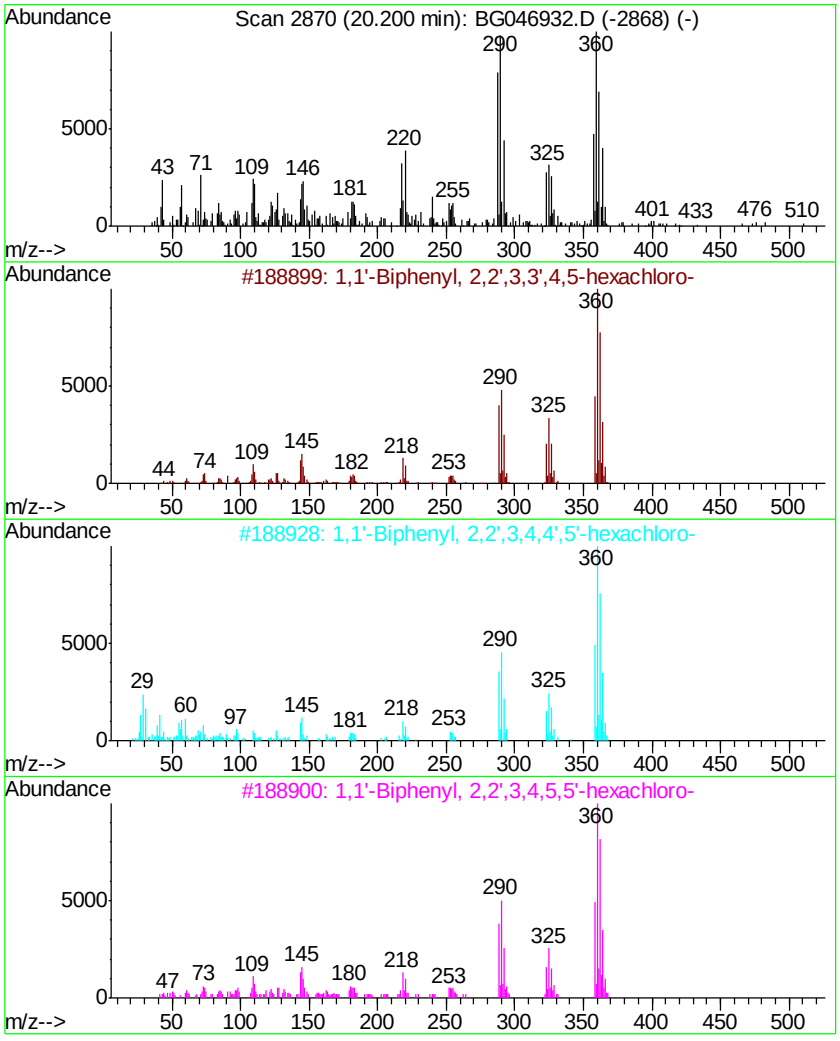
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

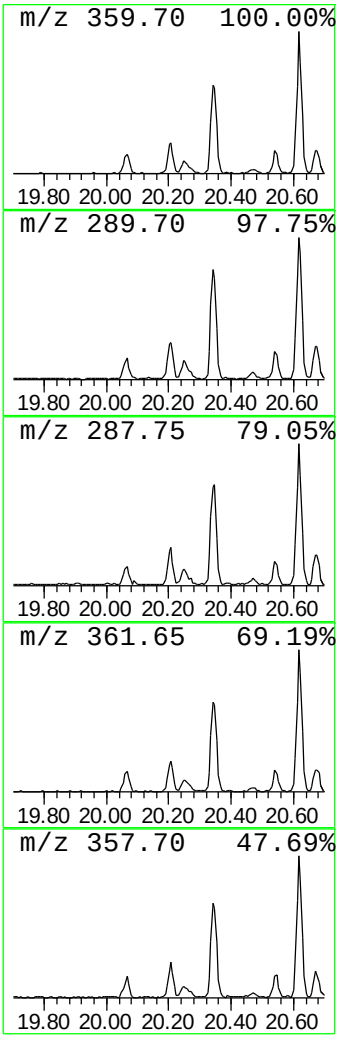
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	3.55 ng/ul	335121	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	98
3	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	98
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	97
5	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

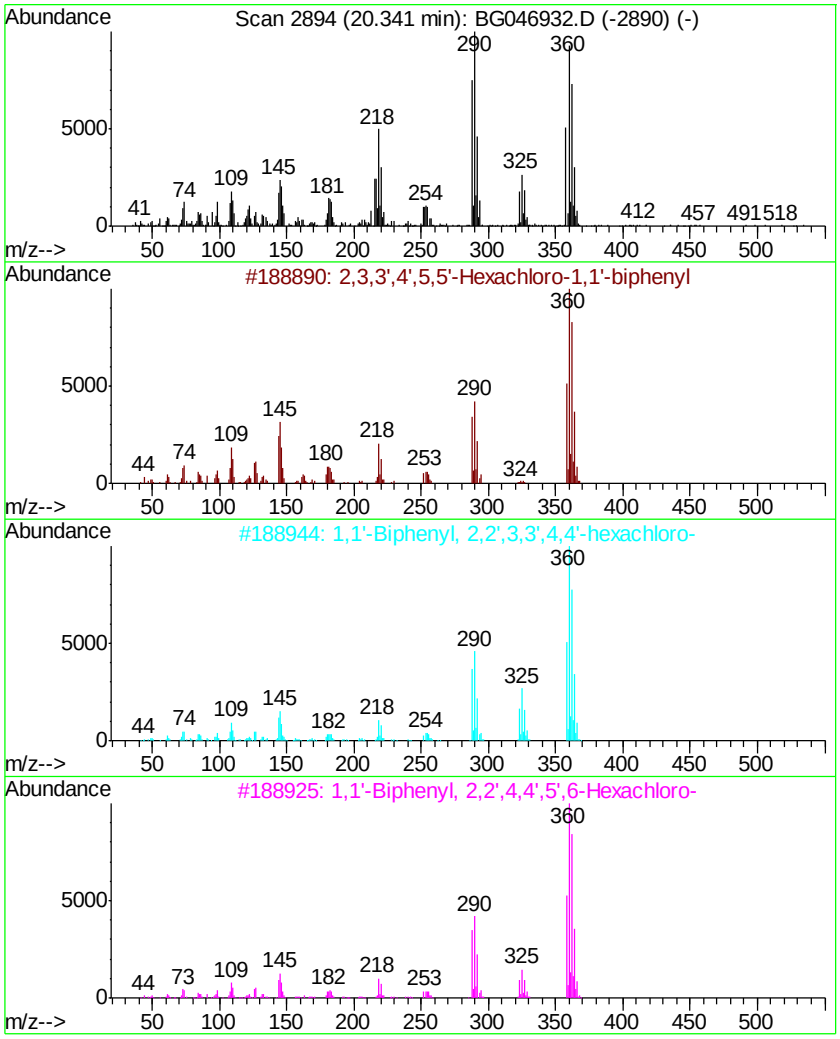
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

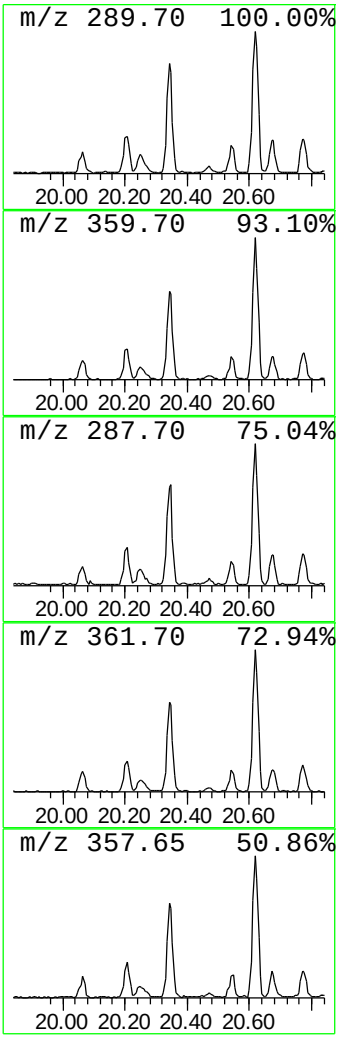
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	10.77 ng/ul	1015100	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
2	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
3	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

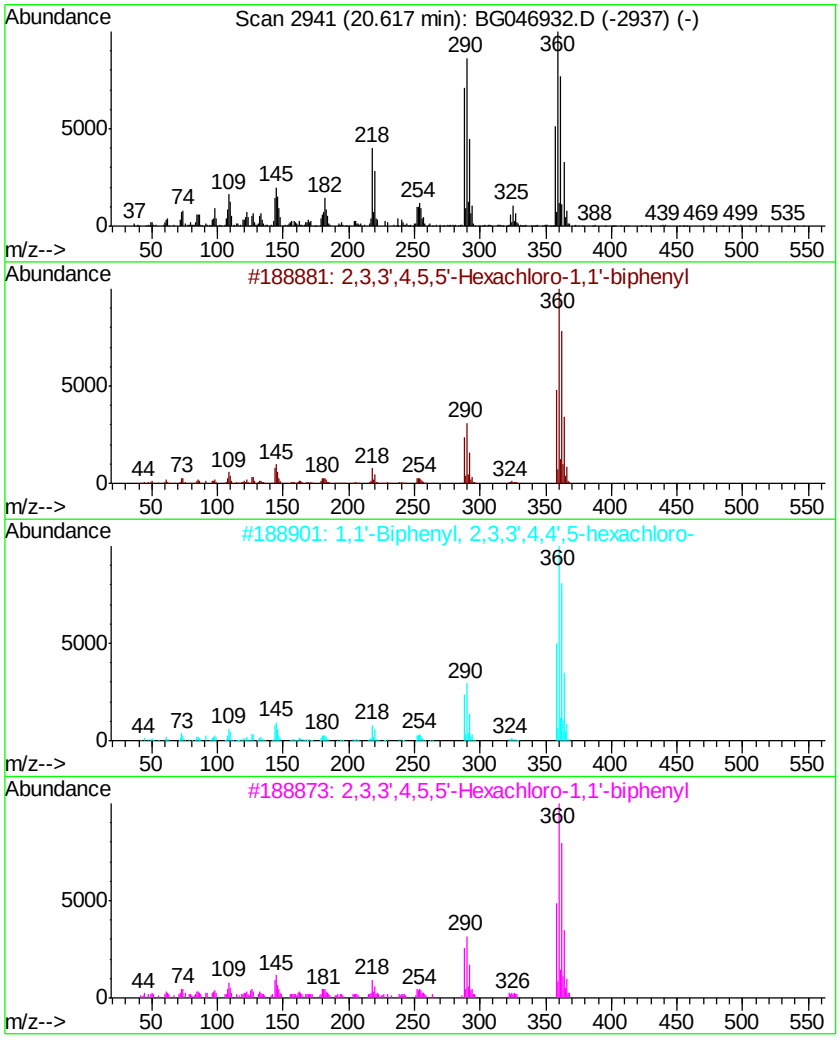
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

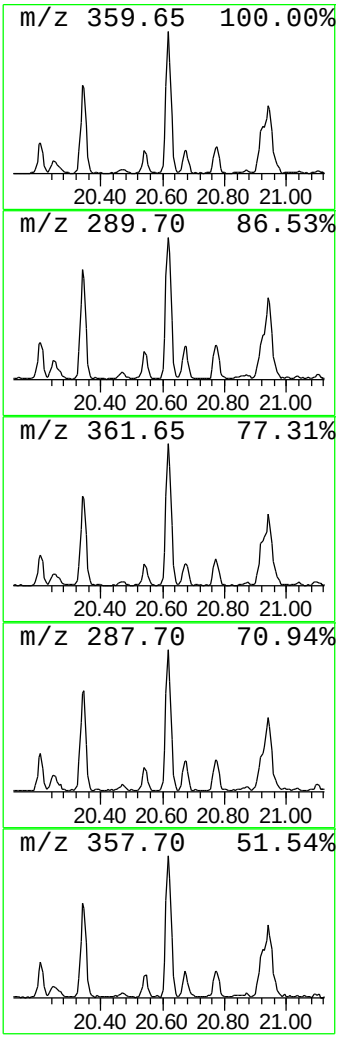
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	9.70 ng/ul	914107	Chrysene-d12	21.73

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, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

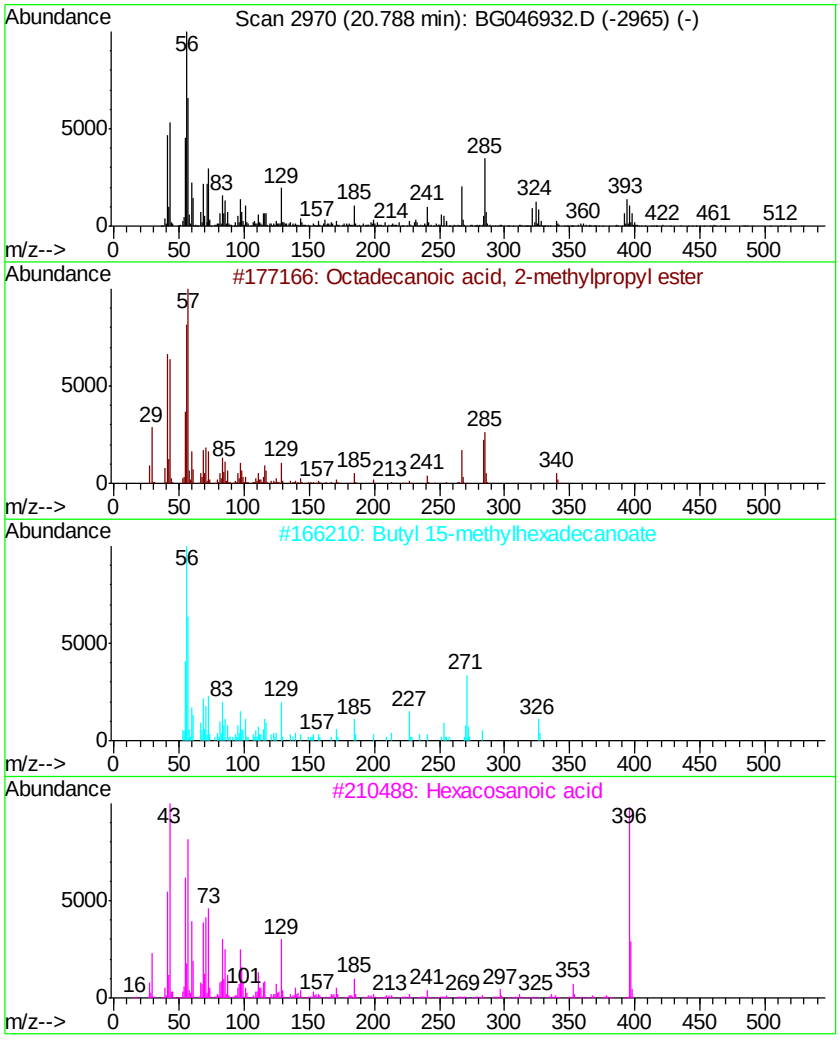
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

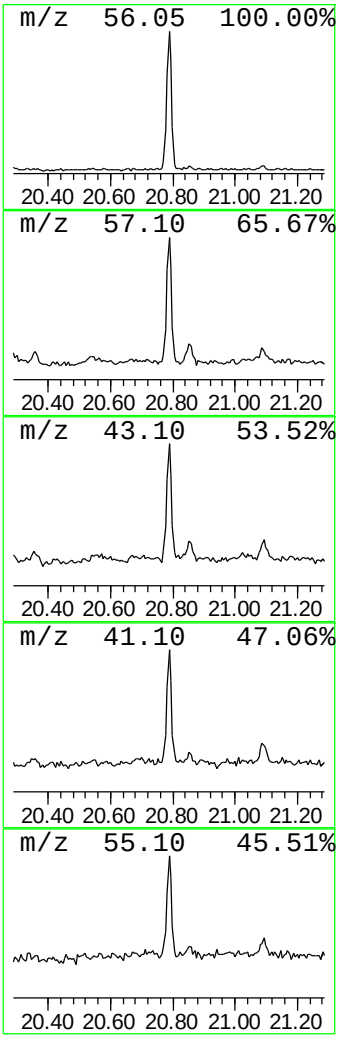
****

Peak Number 16 Octadecanoic acid, 2-methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	12.28 ng/ul	1157700	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	52
2	Butyl 15-methylhexadecanoate	326	C21H42O2	1000336-52-4	18
3	Hexacosanoic acid	396	C26H52O2	000506-46-7	10
4	3-Amino-2,2-dimethyl-1-propanol	103	C5H13NO	026734-09-8	9
5	Pentan-2-one, 1,1,1,5,5,5-hexafl...	393	C16H13F6N3O2	1000259-57-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

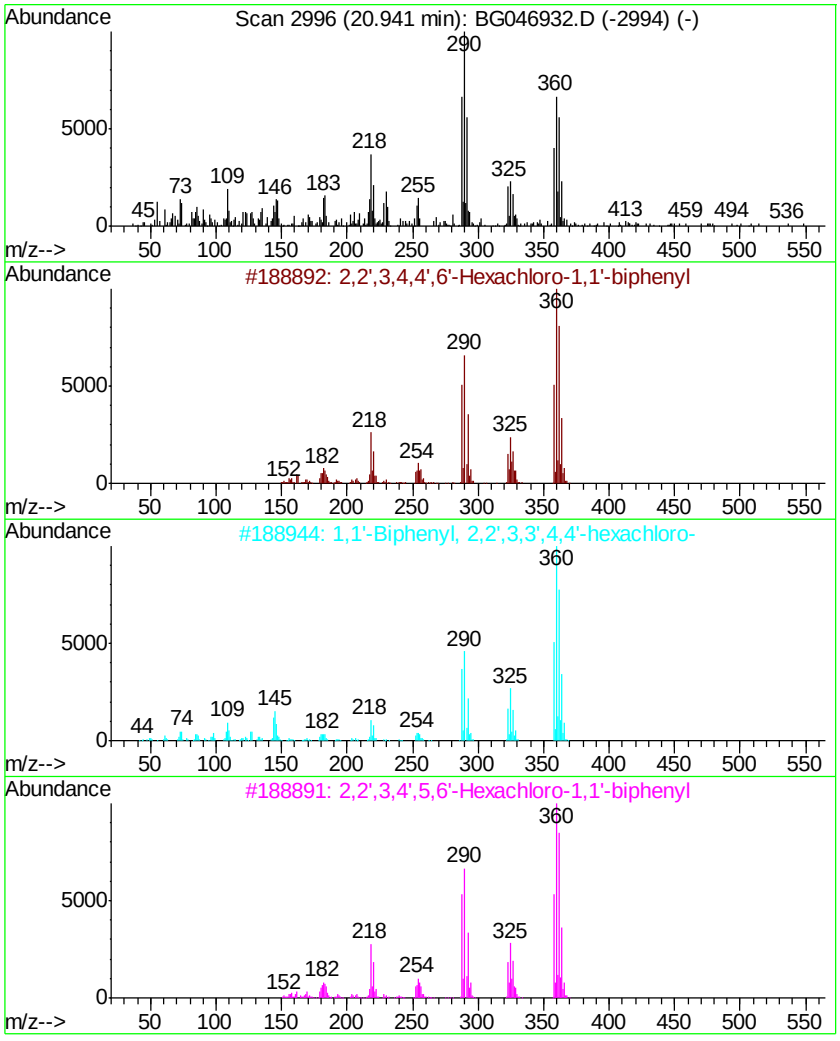
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

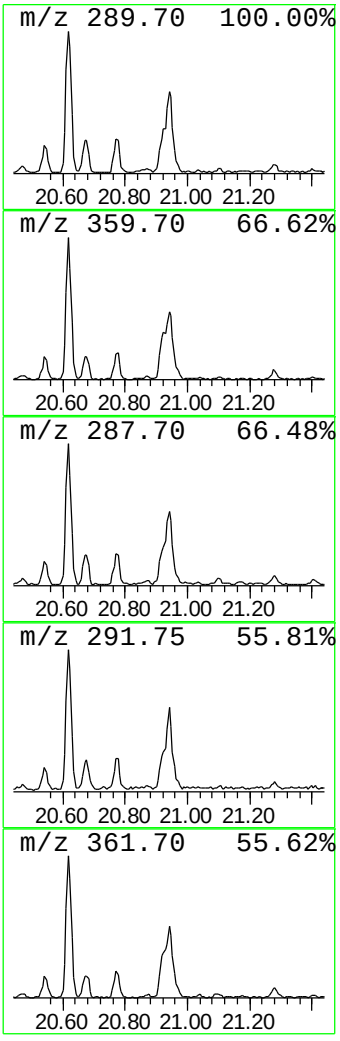
****

Peak Number 17 2,2',3,4,4',6'-Hexachloro-1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	5.69 ng/ul	536794	Chrysene-d12	21.73

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	96
2	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	95
3	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	95
4	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	94
5	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

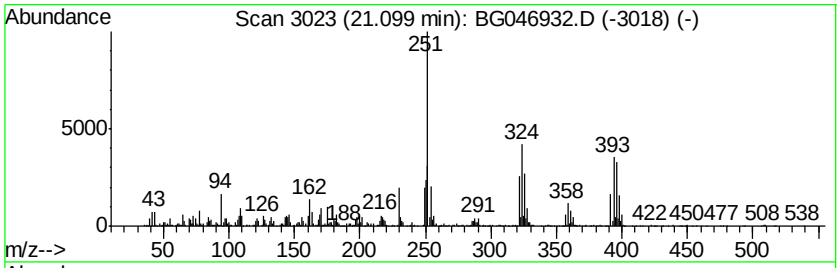
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

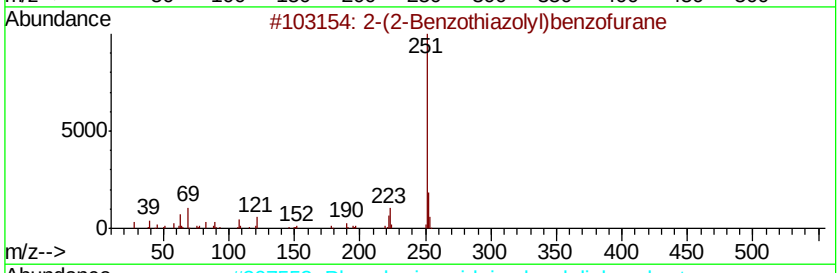
****

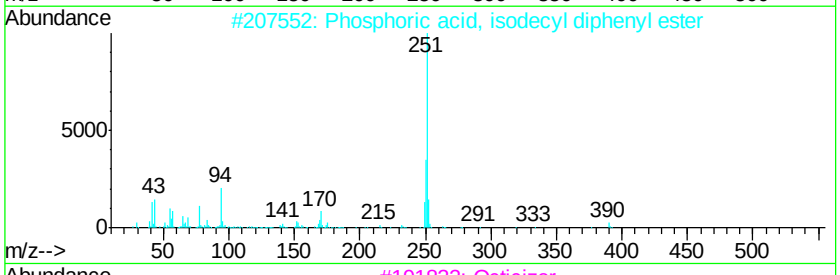
Peak Number 18 unknown-01 Concentration Rank 3

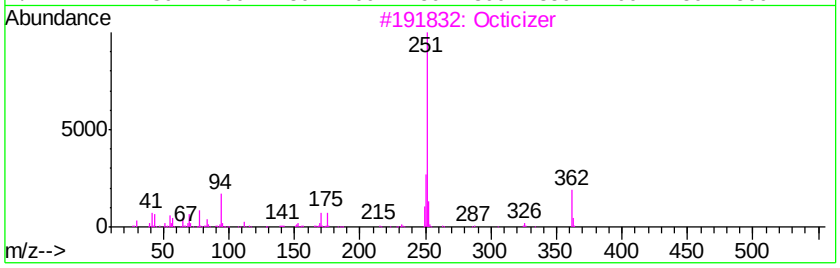
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	11.16 ng/ul	1051920	Chrysene-d12	21.73

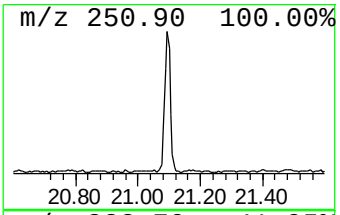
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Benzothiazolyl)benzofurane	251	C15H9NOS	069976-47-2	22
2	Phosphoric acid, isodecyl diphen...	390	C22H31O4P	029761-21-5	16
3	Octicizer	362	C20H27O4P	001241-94-7	16
4	6H-Indolo[2,3-b]quinoxaline, 9-f...	251	C15H10FN3	1000319-60-2	10
5	2H-Pyrazole-3-carboxamide, 4-iod...	251	C5H6IN3O	1000310-22-4	9

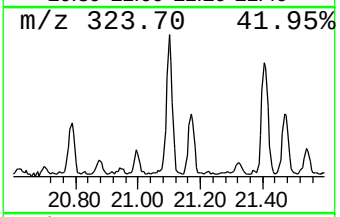


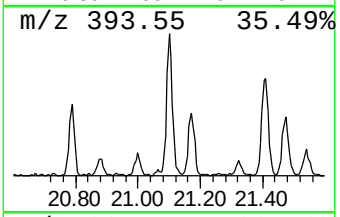


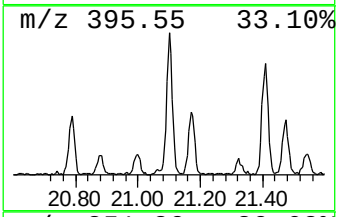


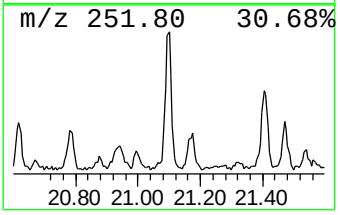












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

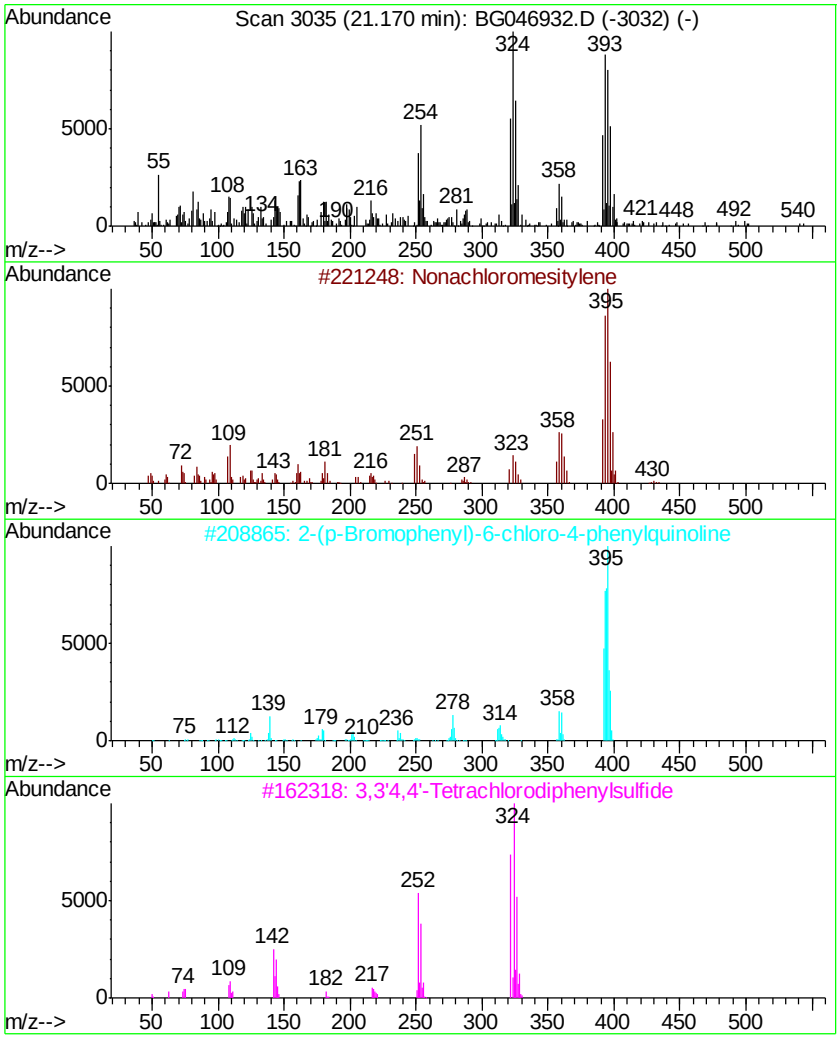
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

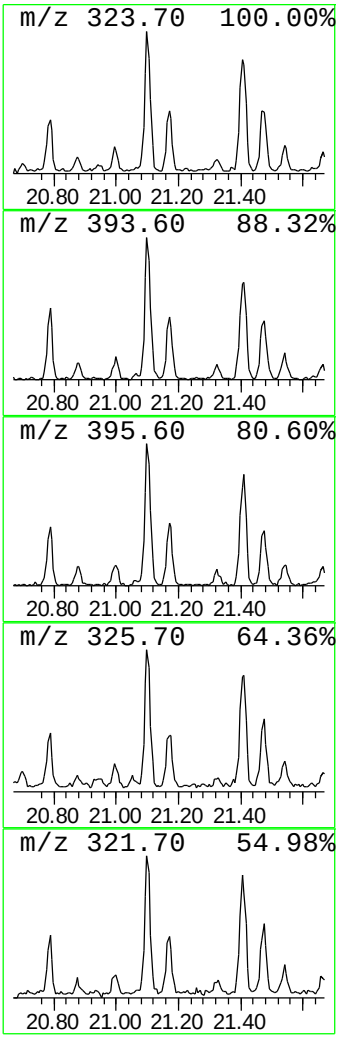
****

Peak Number 19 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	2.31 ng/ul	218012	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonachloromesitylene	426	C9H3Cl9	000729-80-6	49
2	2-(p-Bromophenyl)-6-chloro-4-phe...	393	C21H13BrClN	021923-43-3	16
3	3,3'4,4'-Tetrachlorodiphenylsulfide	322	C12H6Cl4S	076745-12-5	14
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	10
5	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

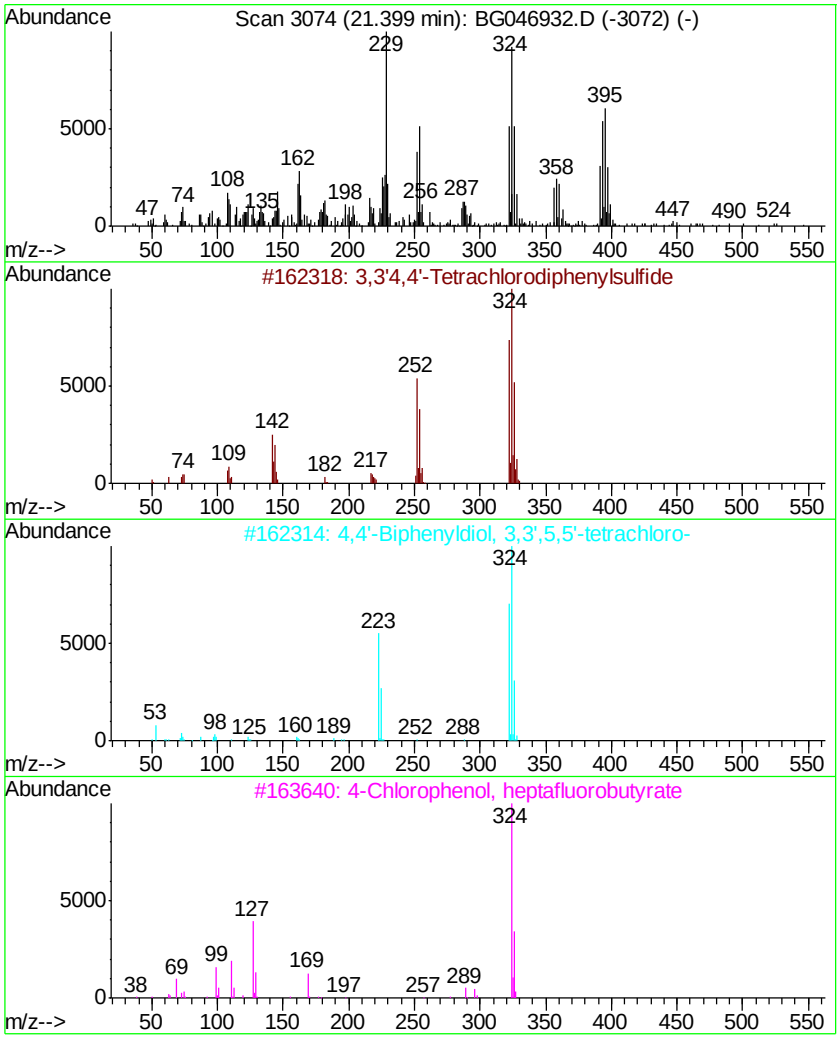
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

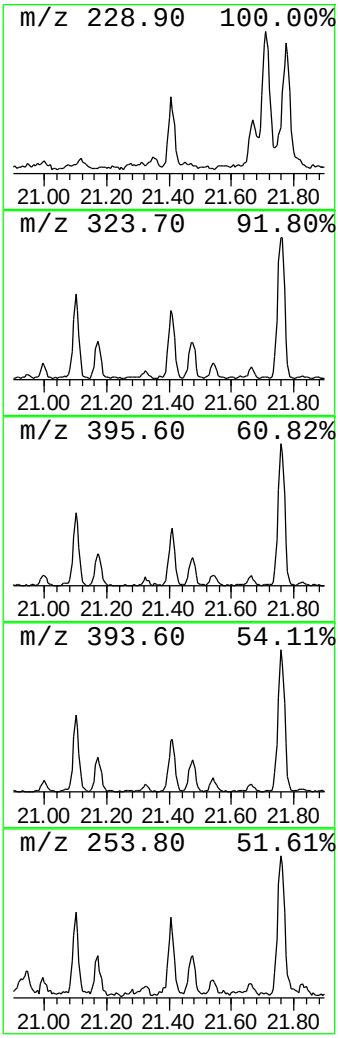
****

Peak Number 20 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	5.37 ng/ul	506445	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'4,4'-Tetrachlorodiphenylsulfide	322	C12H6Cl4S	076745-12-5	35
2	4,4'-Biphenyldiol, 3,3',5,5'-tet...	322	C12H6Cl4O2	013049-13-3	14
3	4-Chlorophenol, heptafluorobutyrate	324	C10H4ClF7O2	959051-46-8	11
4	2-(Benzothiazol-2-ylamino)-7,7-d...	324	C17H16N4OS	1000275-60-8	10
5	Thiazolo[3.2-a]benzimidazol-3(2H...	324	C17H12N2O3S	088498-93-5	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101620\
Data File : BG046932.D
Acq On : 16 Oct 2020 16:04
Operator : CG/JU
Sample : L4201-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AL8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.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
Benzenesulfonic a...	15.92	2.2	ng/ul	88269	3	14.71	804610	20.0
9H-Fluoren-9-one	17.10	2.3	ng/ul	104334	4	17.46	916258	20.0
n-Hexadecanoic acid	18.34	11.9	ng/ul	544660	4	17.46	916258	20.0
4H-Cyclopenta[def...	18.53	6.1	ng/ul	281409	4	17.46	916258	20.0
5,16[1',2']:8,13[...	18.83	2.5	ng/ul	113897	4	17.46	916258	20.0
9,10-Anthracenedione	18.87	2.9	ng/ul	133441	4	17.46	916258	20.0
1,1'-Biphenyl, 2,...	19.36	4.1	ng/ul	189690	4	17.46	916258	20.0
Octadecanoic acid	19.60	2.3	ng/ul	215585	5	21.73	1885500	20.0
1,1'-Biphenyl, 2,...	19.64	2.9	ng/ul	274159	5	21.73	1885500	20.0
Hexadecanoic acid...	19.75	4.1	ng/ul	382371	5	21.73	1885500	20.0
1,1'-Biphenyl, 2,...	20.20	3.5	ng/ul	335121	5	21.73	1885500	20.0
2,3,3',4',5,5'-He...	20.34	10.8	ng/ul	1015100	5	21.73	1885500	20.0
2,3,3',4,5,5'-Hex...	20.62	9.7	ng/ul	914107	5	21.73	1885500	20.0
Octadecanoic acid...	20.79	12.3	ng/ul	1157700	5	21.73	1885500	20.0
2,2',3,4,4',6'-He...	20.94	5.7	ng/ul	536794	5	21.73	1885500	20.0
unknown-01	21.10	11.2	ng/ul	1051920	5	21.73	1885500	20.0
unknown-02	21.17	2.3	ng/ul	218012	5	21.73	1885500	20.0
unknown-03	21.40	5.4	ng/ul	506445	5	21.73	1885500	20.0