LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029491.D
Acq On : 15 Apr 2021 07:39
Operator : CG/JU
Sample : M1957-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

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_M\METHODS\SOM-EPA-BM040721MA.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	2.940	6	9	17	rVB	145612	172134	6.93%	0.845%
2	3.016	19	22	25	rVV	37227	39149	1.58%	0.192%
3	3.046	25	27	29	rVV3	17135	15075	0.61%	0.074%
4	3.069	29	31	33	rVV2	23063	20608	0.83%	0.101%
5	3.110	33	38	42	rVB	2362479	2485390	100.00%	12.205%
6	3.410	85	89	90	rBV3	6467	7151	0.29%	0.035%
7	3.440	90	94	99	rVB	66350	79109	3.18%	0.388%
8	3.528	106	109	114	rVB5	5450	6535	0.26%	0.032%
9	3.810	155	157	162	rBV4	2536	4520	0.18%	0.022%
10	3.904	169	173	177	rVB	11295	14531	0.58%	0.071%
11	4.004	187	190	196	rBV6	1687	2713	0.11%	0.013%
12	4.081	200	203	205	rBV4	2268	2548	0.10%	0.013%
13	4.440	262	264	270	rVB4	2624	3141	0.13%	0.015%
14	7.675	807	814	826	rBV	560132	878000	35.33%	4.312%
15	8.216	901	906	910	rBV6	1248	2695	0.11%	0.013%
16	10.457	1277	1287	1299	rBV	676048	1134753	45.66%	5.572%
17	10.592	1307	1310	1314	rBV5	2169	3057	0.12%	0.015%
18	10.722	1327	1332	1337	rVB5	2317	4672	0.19%	0.023%
19	10.939	1367	1369	1374	rVB3	2210	2666	0.11%	0.013%
20	12.351	1603	1609	1614	rBV5	1324	3662	0.15%	0.018%
21	13.157	1741	1746	1748	rVB3	2576	3049	0.12%	0.015%
22	14.315	1936	1943	1952	rBV	859127	1257403	50.59%	6.175%
23	15.362	2118	2121	2128	rVB4	1419	2842	0.11%	0.014%
24	16.845	2368	2373	2378	rBV4	3739	7509	0.30%	0.037%
25	17.056	2402	2409	2414	rBV	796494	1154182	46.44%	5.668%
26	17.092	2414	2415	2420	rVV	41177	47405	1.91%	0.233%
27	17.156	2424	2426	2428	rVB3	3134	2583	0.10%	0.013%
28	17.933	2554	2558	2563	rBV7	6003	11060	0.45%	0.054%
29	17.974	2563	2565	2574	rVB	9054	13315	0.54%	0.065%
30	18.127	2586	2591	2595	rBV5	29627	42011	1.69%	0.206%
31	18.162	2595	2597	2602	rVB5	4754	5594	0.23%	0.027%
32	18.262	2610	2614	2618	rBV6	2984	5469	0.22%	0.027%
33	18.433	2639	2643	2646	rBV4	2345	3038	0.12%	0.015%
34	18.668	2679	2683	2684	rBV4	2333	2832	0.11%	0.014%

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Sample : M1957-04
Misc :
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Instrument : BNA_M
ClientSampleId : C0B13

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_M\METHODS\SOM-EPA-BM040721MA.M
Title : SVOA CALIBRATION

35	18.892	2719	2721	2722	rBV2	4199	3183	0.13%	0.016%
36	18.974	2729	2735	2741	rBV	272592	363447	14.62%	1.785%
37	19.115	2754	2759	2764	rBV	51133	73353	2.95%	0.360%
38	19.186	2767	2771	2775	rVV4	38550	46284	1.86%	0.227%
39	19.262	2779	2784	2790	rVB	377827	465638	18.74%	2.287%
40	19.392	2802	2806	2810	rBV	32796	36775	1.48%	0.181%
41	19.445	2813	2815	2817	rVV2	7657	7663	0.31%	0.038%
42	19.474	2817	2820	2823	rVB2	20641	25042	1.01%	0.123%
43	19.521	2823	2828	2831	rBV6	10126	16046	0.65%	0.079%
44	19.597	2838	2841	2845	rBV2	44774	56892	2.29%	0.279%
45	19.692	2852	2857	2858	rBV2	163413	221299	8.90%	1.087%
46	19.833	2876	2881	2885	rBV	310600	374225	15.06%	1.838%
47	19.874	2885	2888	2895	rVB2	126315	217432	8.75%	1.068%
48	19.968	2899	2904	2909	rBV	851127	1070928	43.09%	5.259%
49	20.021	2909	2913	2918	rVB4	58499	75615	3.04%	0.371%
50	20.097	2922	2926	2932	rBV5	38962	50519	2.03%	0.248%
51	20.174	2934	2939	2943	rVB	119735	143631	5.78%	0.705%
52	20.250	2947	2952	2956	rBV	1032122	1215221	48.89%	5.968%
53	20.303	2956	2961	2967	rVB	264275	324508	13.06%	1.594%
54	20.403	2973	2978	2988	rBV4	324495	559879	22.53%	2.749%
55	20.497	2990	2994	2998	rVV3	89089	114303	4.60%	0.561%
56	20.562	2998	3005	3011	rVV	648343	1199261	48.25%	5.889%
57	20.615	3011	3014	3018	rVB3	73050	76737	3.09%	0.377%
58	20.709	3026	3030	3035	rVB	419457	506156	20.37%	2.486%
59	20.774	3037	3041	3047	rVB2	225360	261730	10.53%	1.285%
60	20.868	3053	3057	3061	rBV3	81359	100868	4.06%	0.495%
61	20.909	3061	3064	3070	rVB6	49174	57864	2.33%	0.284%
62	20.980	3071	3076	3081	rVB2	425218	503029	20.24%	2.470%
63	21.033	3081	3085	3091	rBV2	244603	308926	12.43%	1.517%
64	21.092	3091	3095	3097	rBV2	102684	126534	5.09%	0.621%
65	21.115	3097	3099	3103	rVB3	34702	37345	1.50%	0.183%
66	21.192	3109	3112	3114	rBV3	59117	58811	2.37%	0.289%
67	21.233	3114	3119	3122	rVV	782100	1003733	40.39%	4.929%
68	21.262	3122	3124	3130	rVB2	918517	1064470	42.83%	5.227%
69	21.403	3145	3148	3151	rVB3	39440	45409	1.83%	0.223%
70	21.574	3172	3177	3183	rBV2	398314	552161	22.22%	2.712%
71	21.633	3183	3187	3193	rVB5	128693	163963	6.60%	0.805%

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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

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

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Peak separation: 5

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Title : SVOA CALIBRATION

72	21.697	3194	3198	3203	rVV5	163632	198801	8.00%	0.976%
73	22.038	3253	3256	3261	rVB7	57885	72378	2.91%	0.355%
74	22.256	3289	3293	3296	rBV4	124724	162730	6.55%	0.799%
75	23.438	3489	3494	3504	rVB2	502229	960408	38.64%	4.716%

Sum of corrected areas: 20363598

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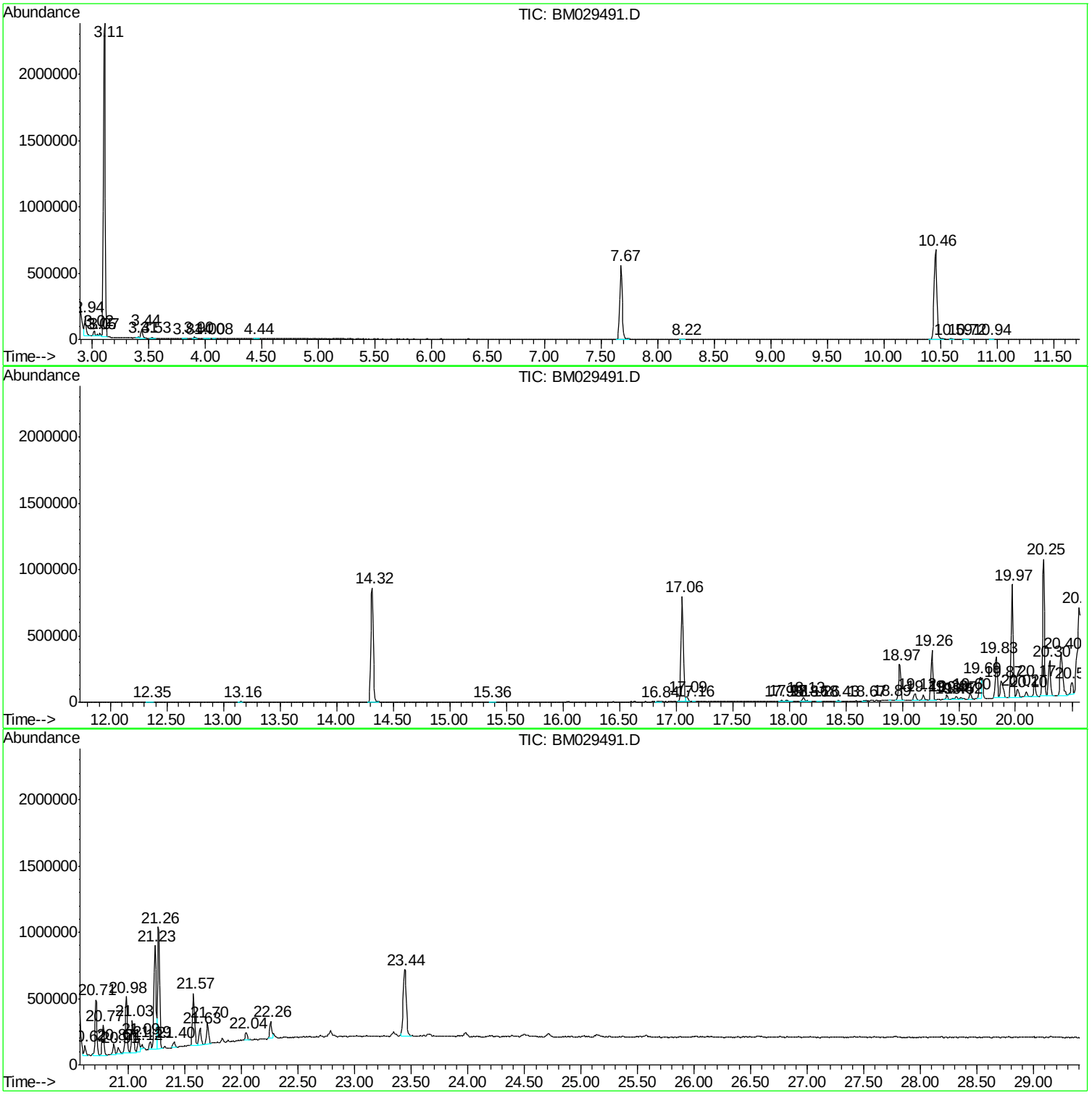
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.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 M\DATA\BM041521\
Data File : BM029491.D
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Sample : M1957-04
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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

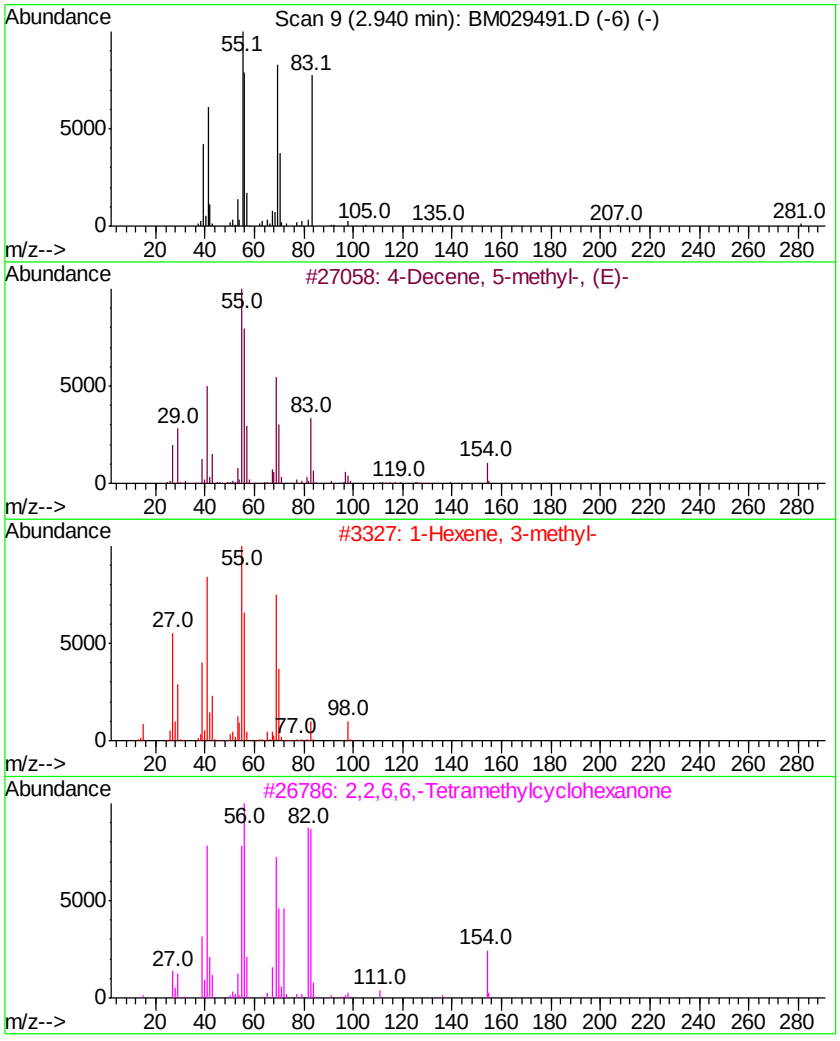
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

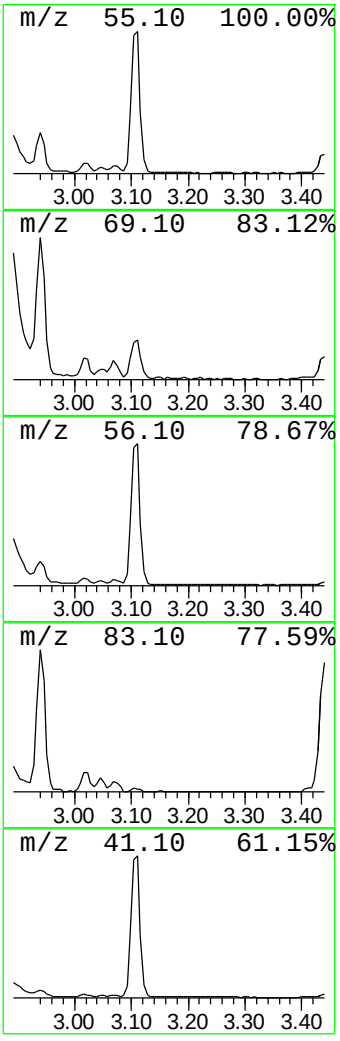
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.94	3.92 ng/ul	172134	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	50
2	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	50
3	2,2,6,6,-Tetramethylcyclohexanone	154	C10H18O	001195-93-3	50
4	3-Undecene, 8-methyl-	168	C12H24	1000061-84-4	47
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029491.D
Acq On : 15 Apr 2021 07:39
Operator : CG/JU
Sample : M1957-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

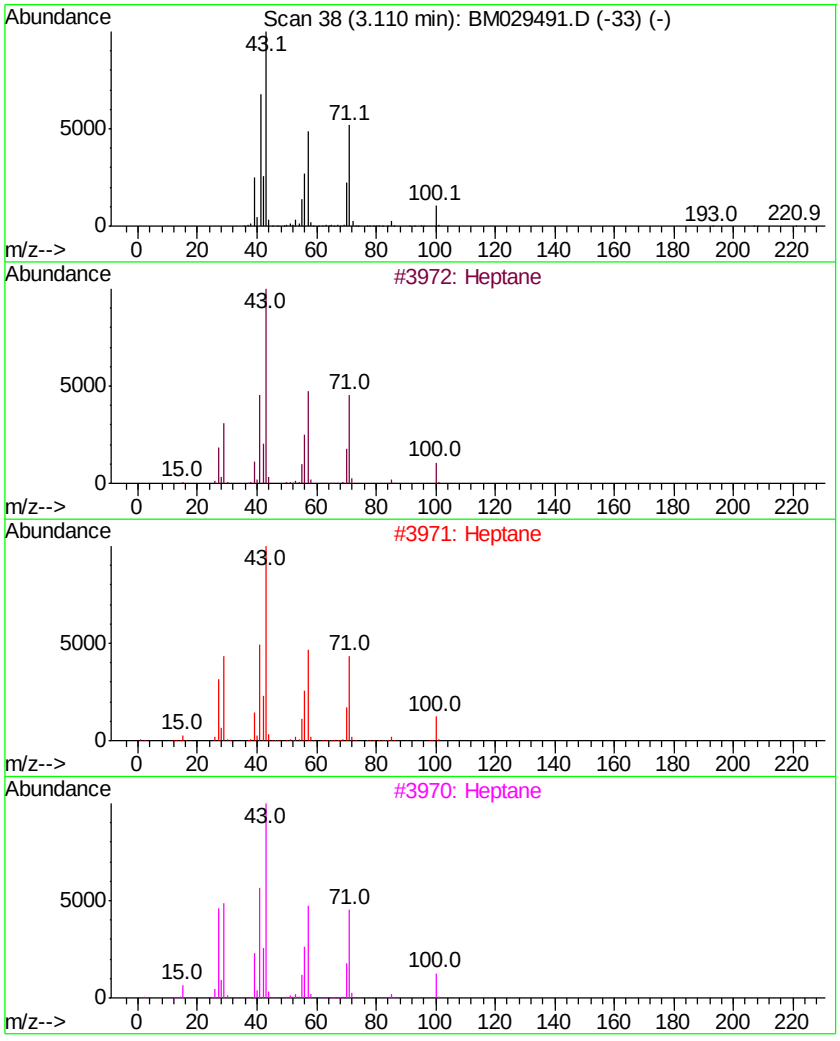
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

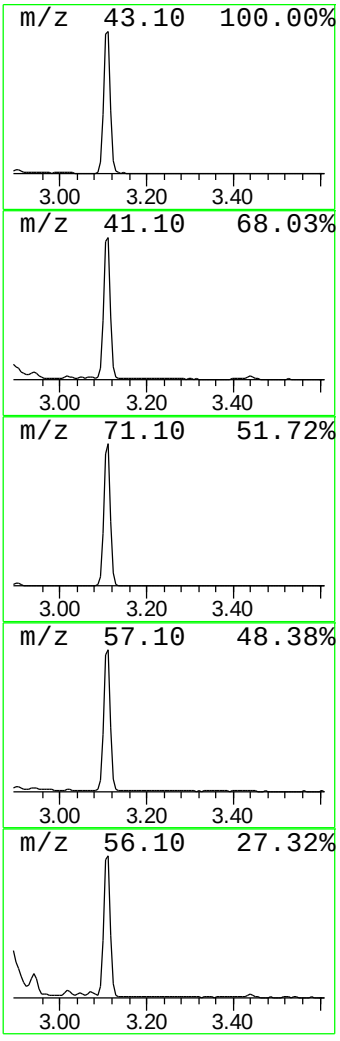
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.11	56.61 ng/ul	2485390	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	90
3	Heptane	100	C7H16	000142-82-5	87
4	Heptane	100	C7H16	000142-82-5	72
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	45





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Operator : CG/JU
Sample : M1957-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

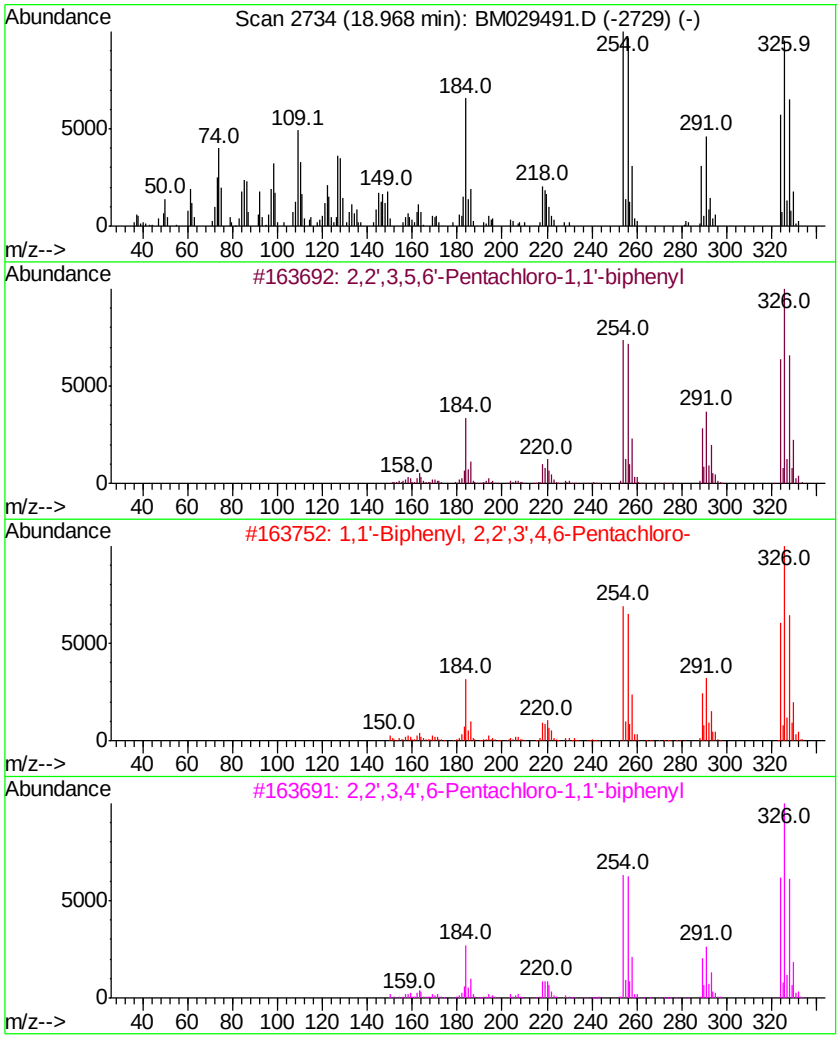
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

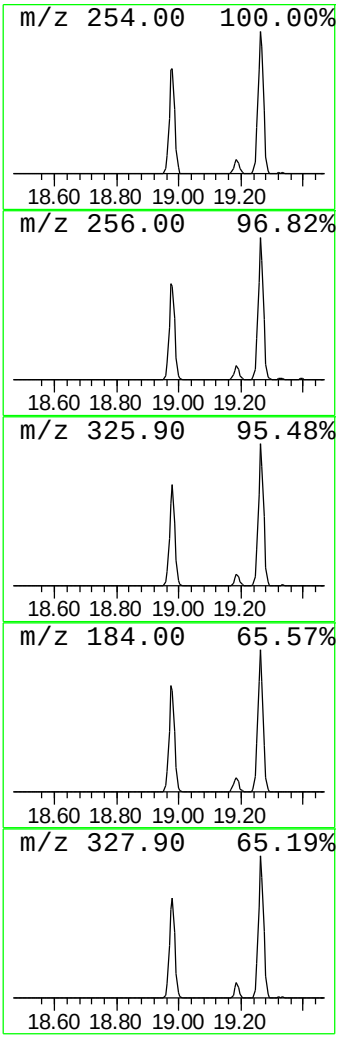
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	6.30 ng/ul	363447	Phenanthrene-d10	17.06

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	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
3	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
4	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
5	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	99





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Quant Title : SVOA CALIBRATION

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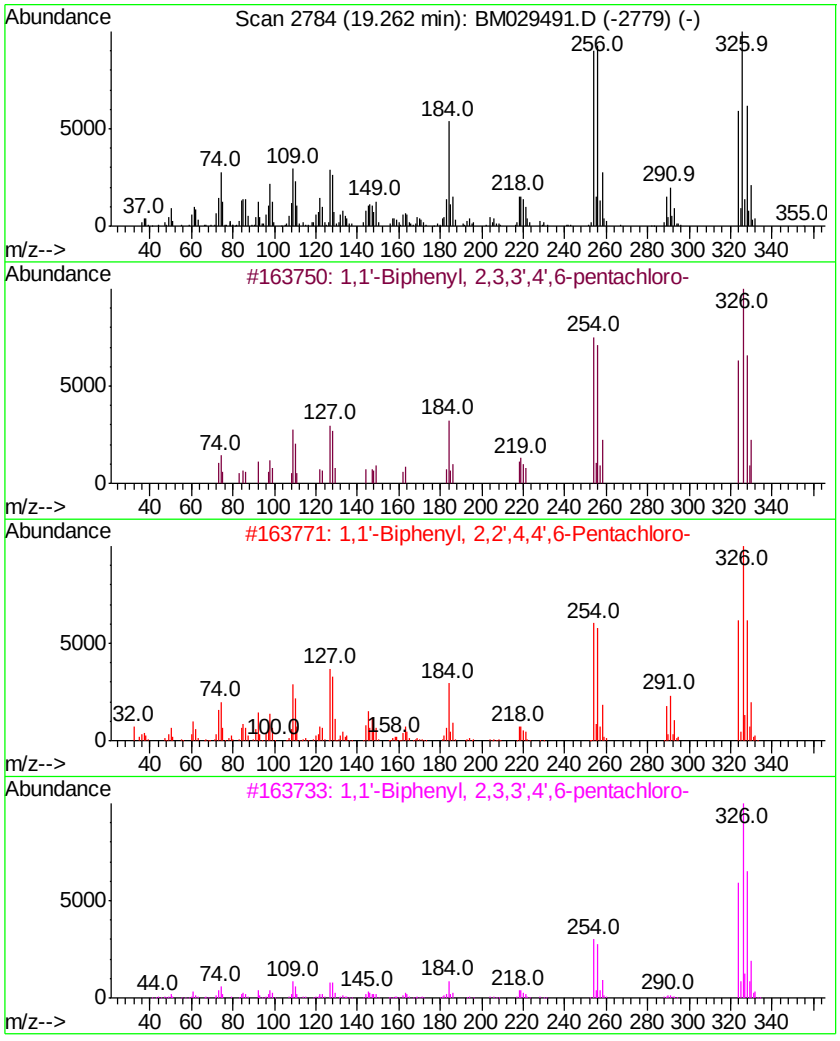
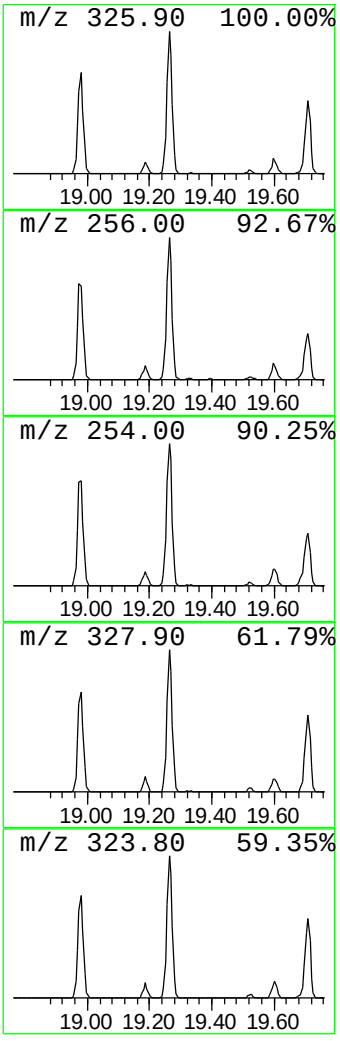
****

Peak Number 4 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	9.28 ng/ul	465638	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99





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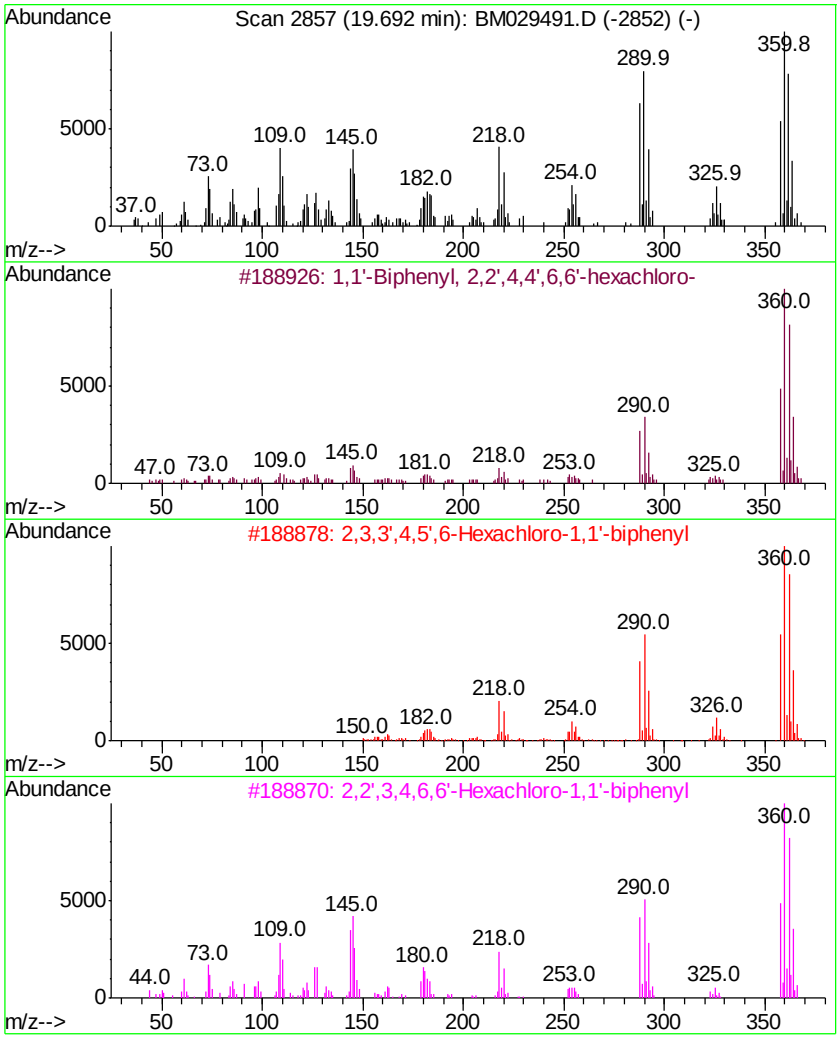
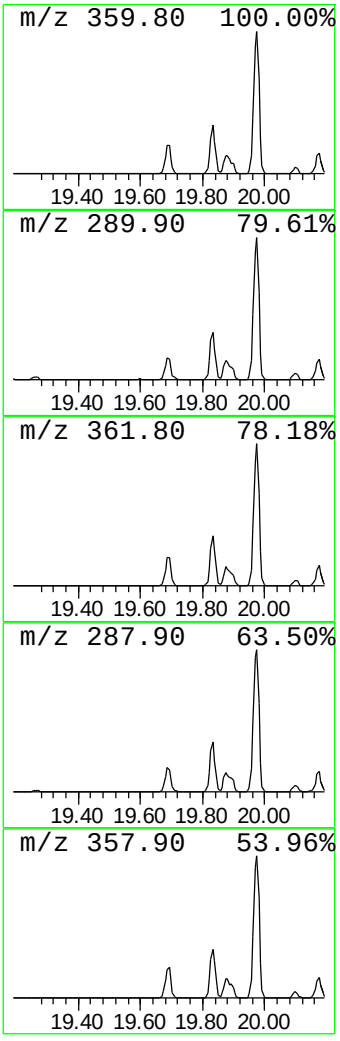
****

Peak Number 5 1,1'-Biphenyl, 2,2',4,4',6,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	4.41 ng/ul	221299	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
2	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
3	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
4	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99





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Quant Title : SVOA CALIBRATION

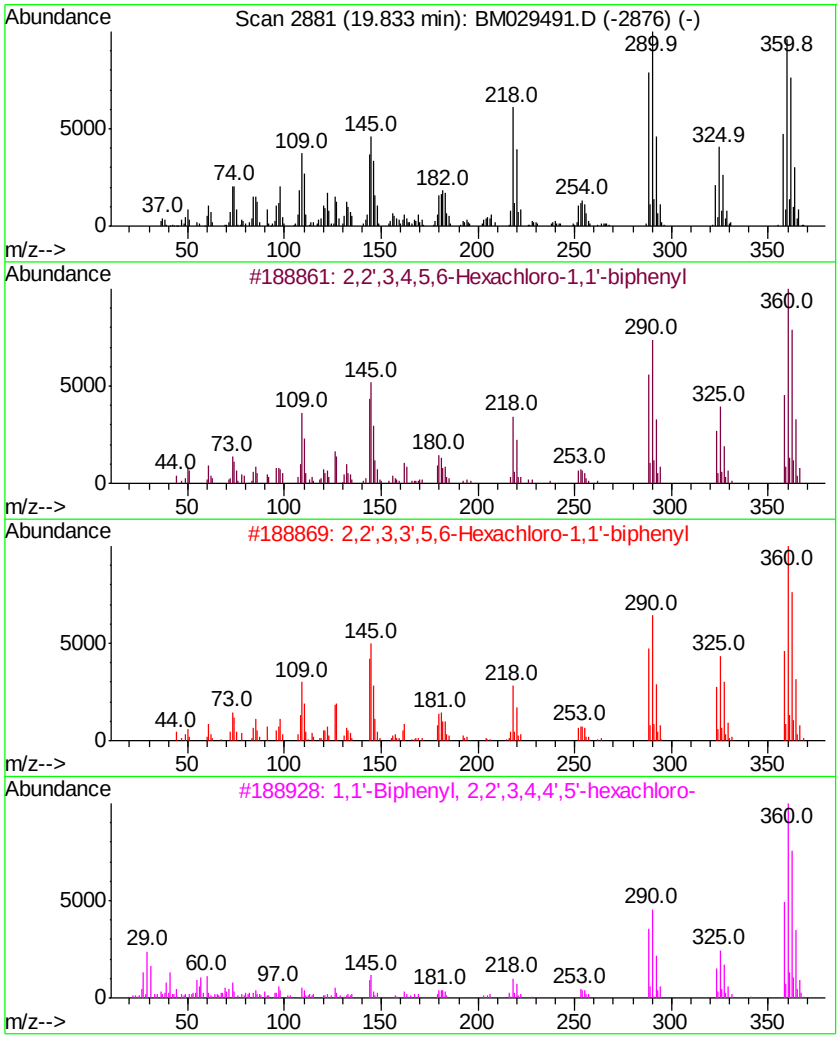
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

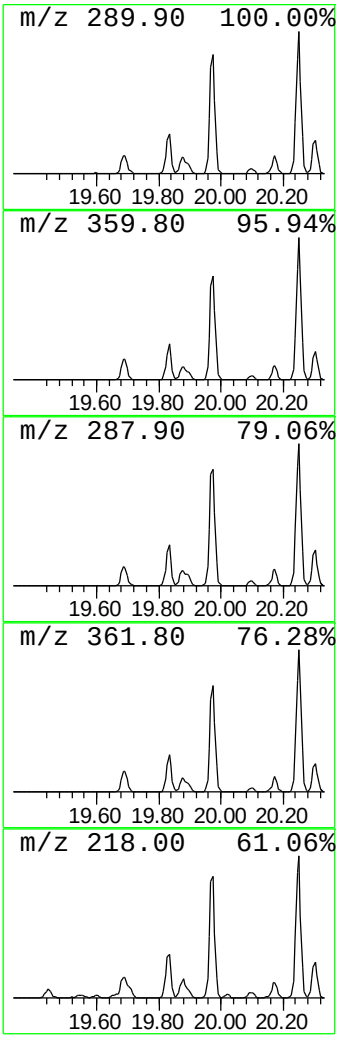
****

Peak Number 6 2,2',3,4,5,6-Hexachloro-1,1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	7.46 ng/ul	374225	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
2	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
5	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99





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Acq On : 15 Apr 2021 07:39
Operator : CG/JU
Sample : M1957-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

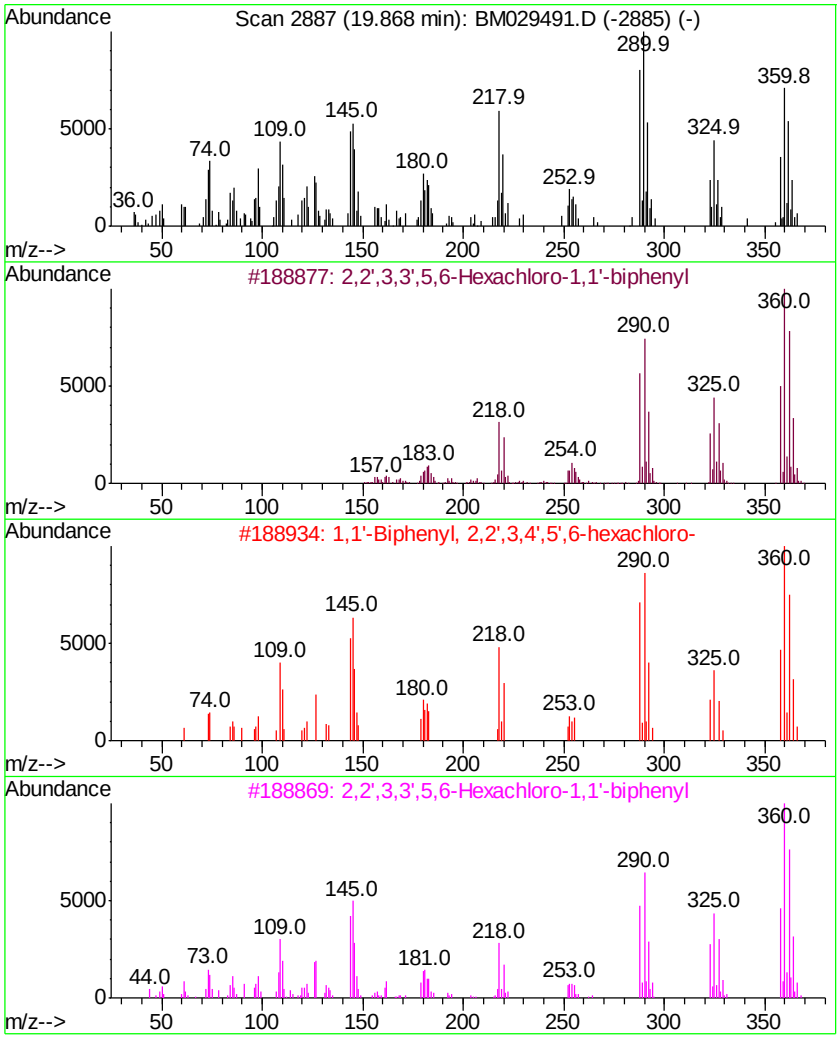
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

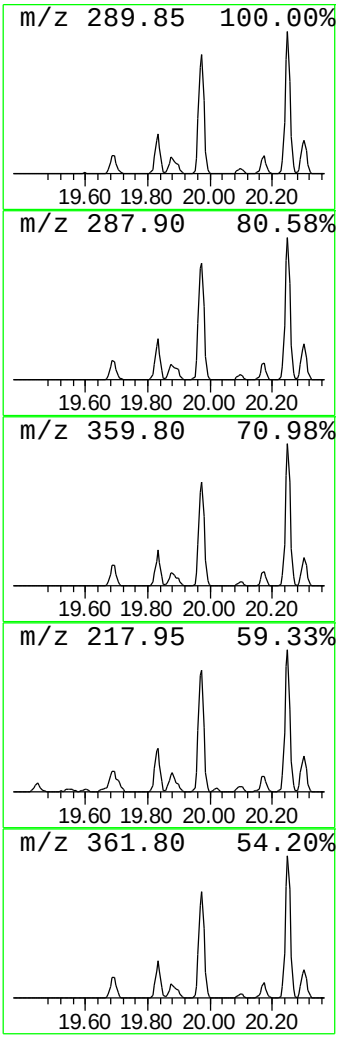
****

Peak Number 7 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	4.33 ng/ul	217432	Chrysene-d12	21.23

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',5',6-he...	358	C12H4Cl6	038380-04-0	99
3	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
4	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	99
5	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99





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Sample : M1957-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

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Quant Title : SVOA CALIBRATION

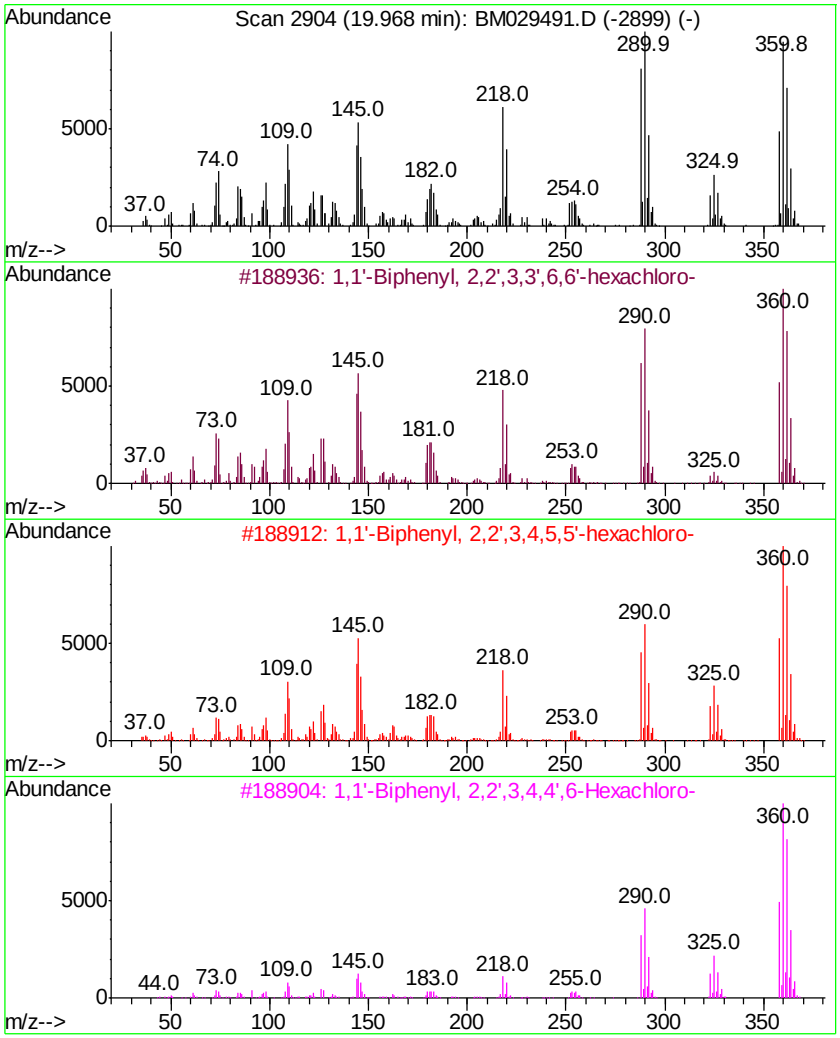
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

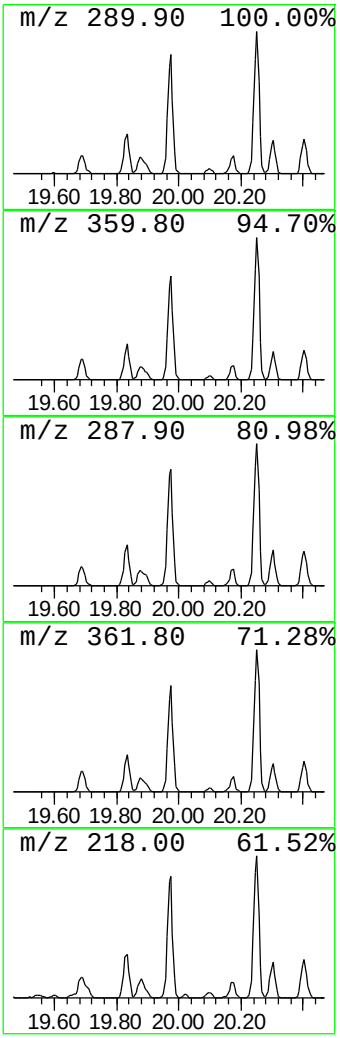
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	21.34 ng/ul	1070930	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
2	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
4	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

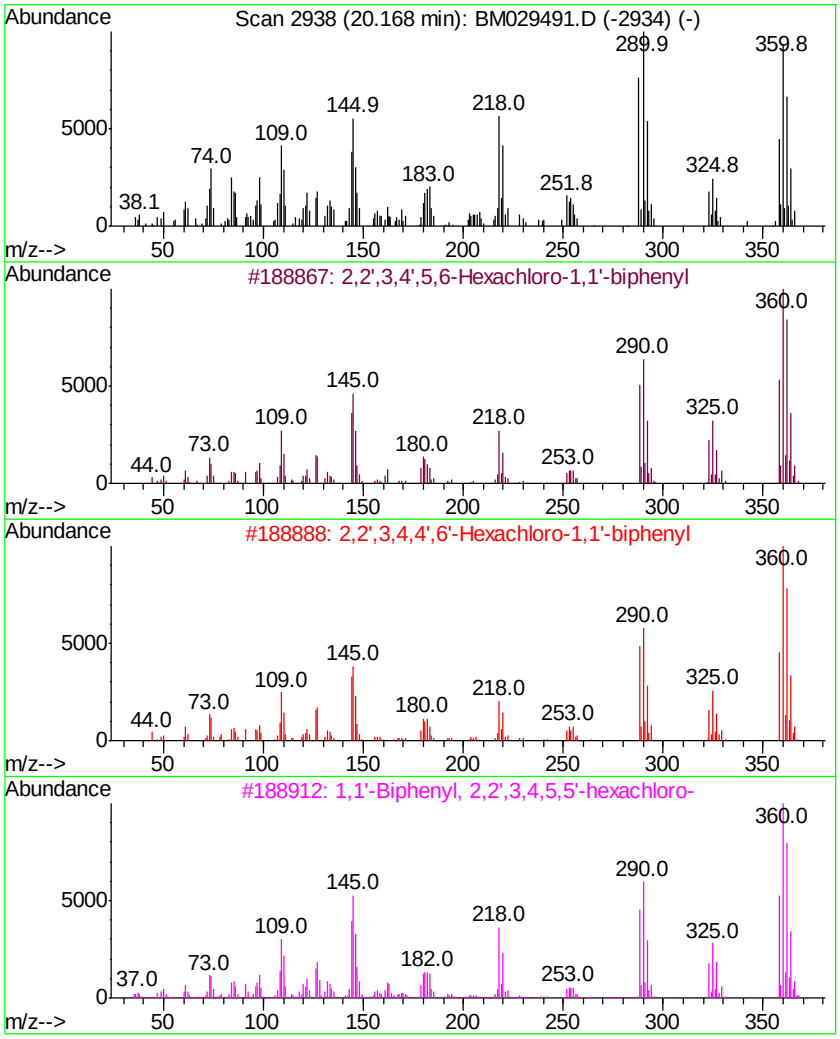
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

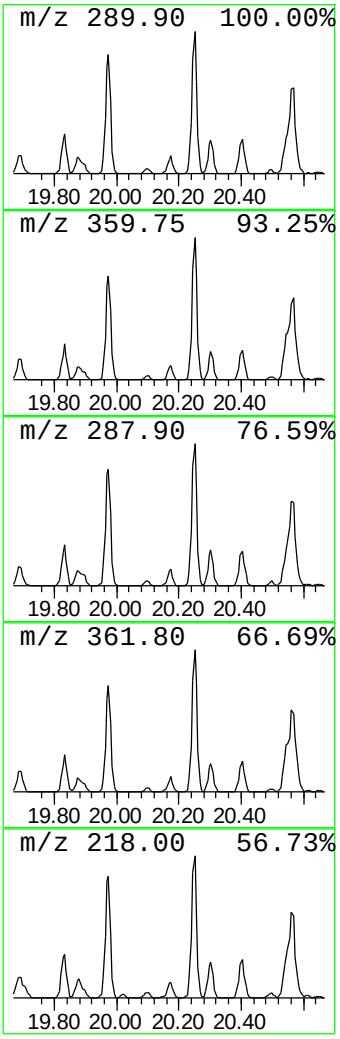
****

Peak Number 9 2,2',3,4',5,6-Hexachloro-1,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	2.86 ng/ul	143631	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
2	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
3	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	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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Sample : M1957-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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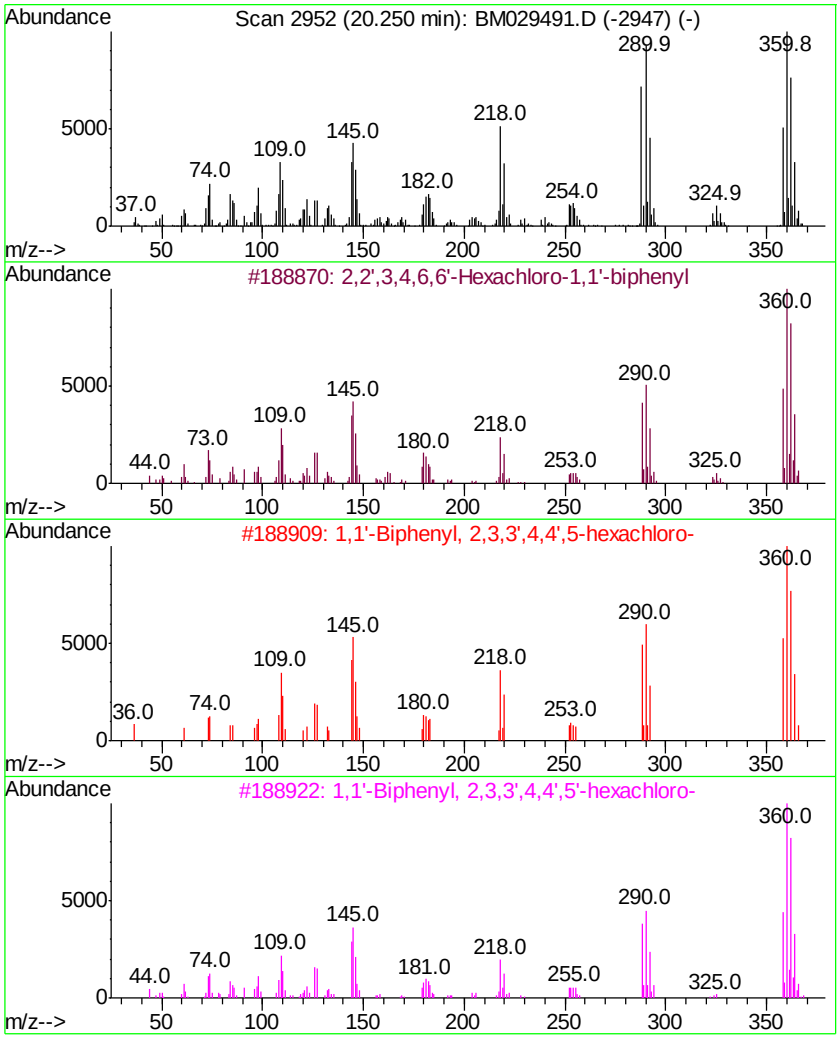
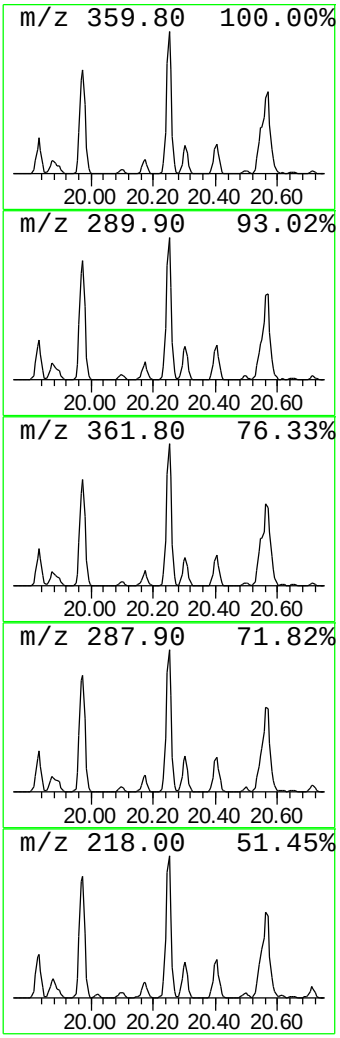
Peak Number 10 2,2',3,4,6,6'-Hexachloro-1,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	24.21 ng/ul	1215220	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
2	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99
4	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	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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Quant Title : SVOA CALIBRATION

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

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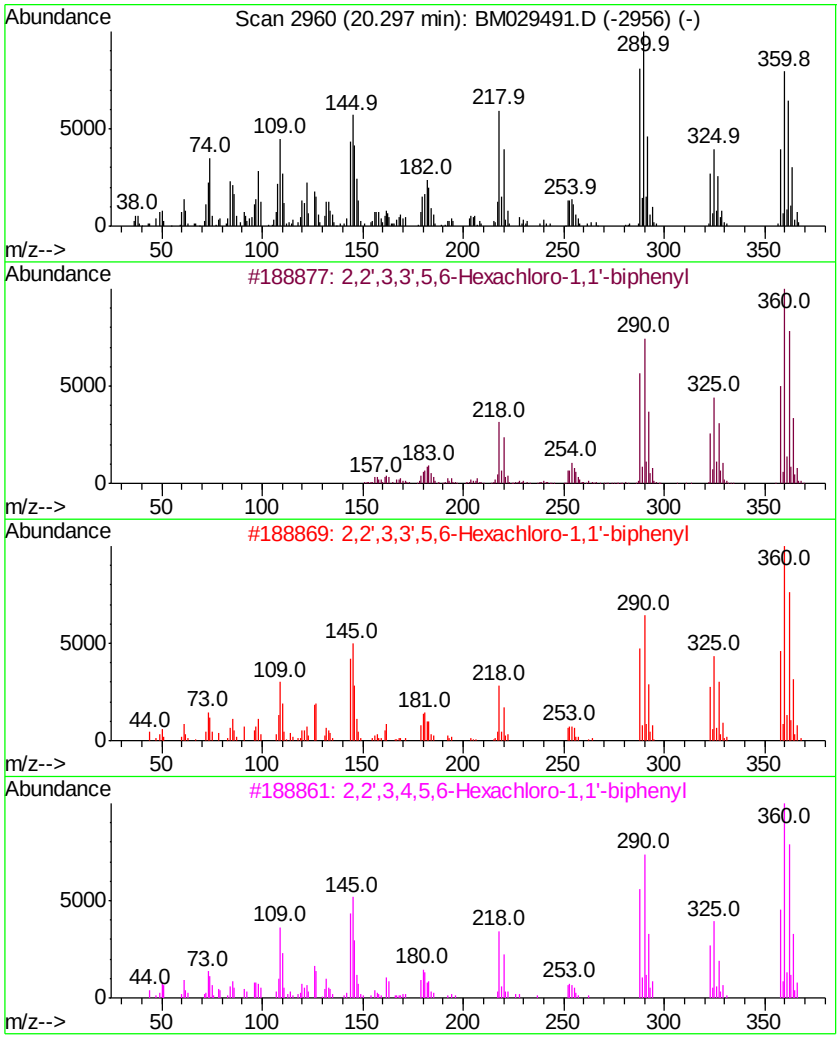
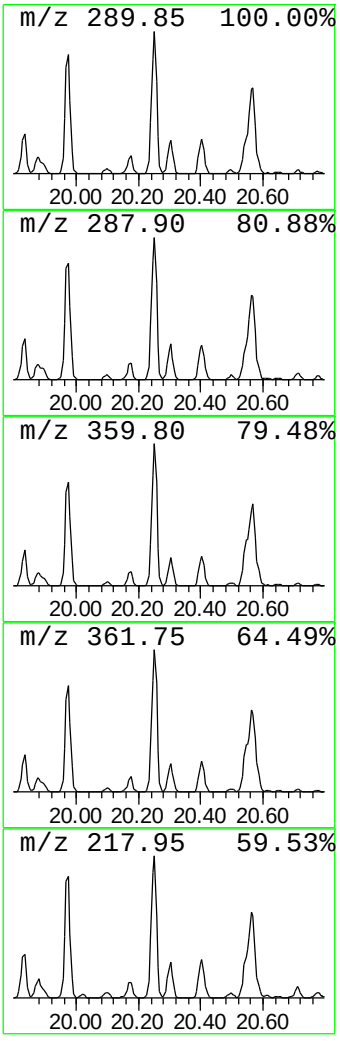
Peak Number 11 2,2',3,4',6,6'-Hexachloro-1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	6.47 ng/ul	324508	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
2	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
3	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
4	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
5	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99





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Instrument : BNA_M
ClientSampleId : C0B13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

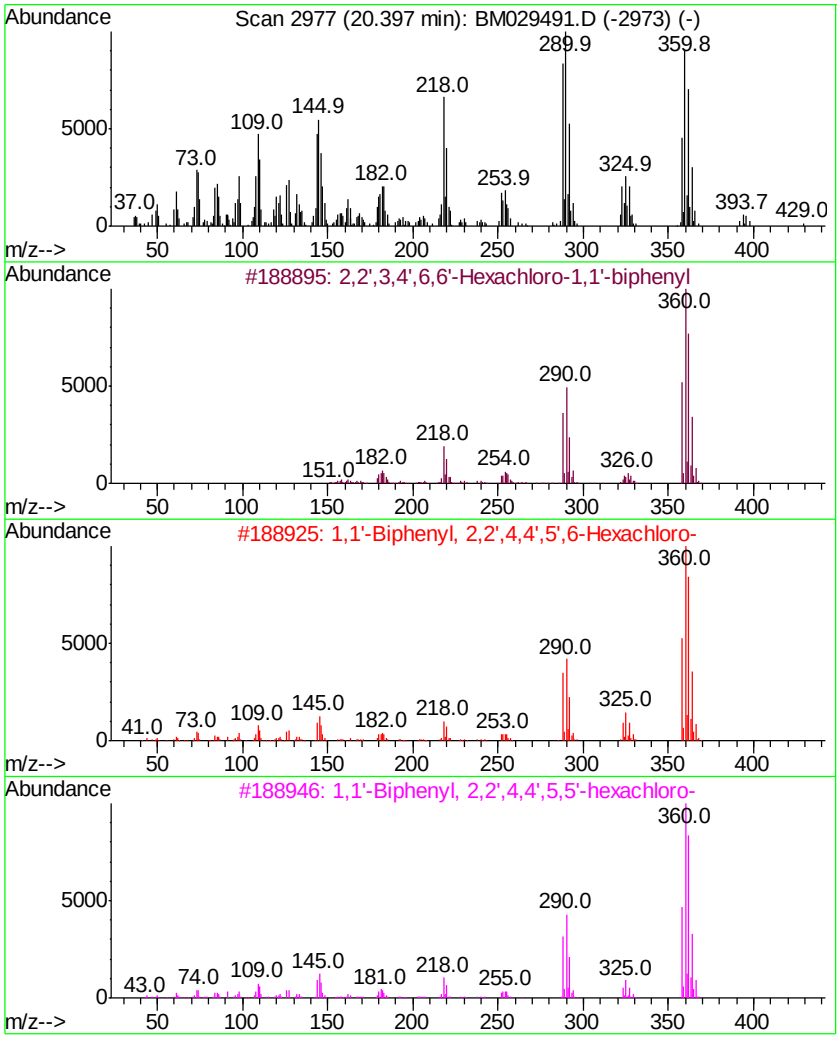
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

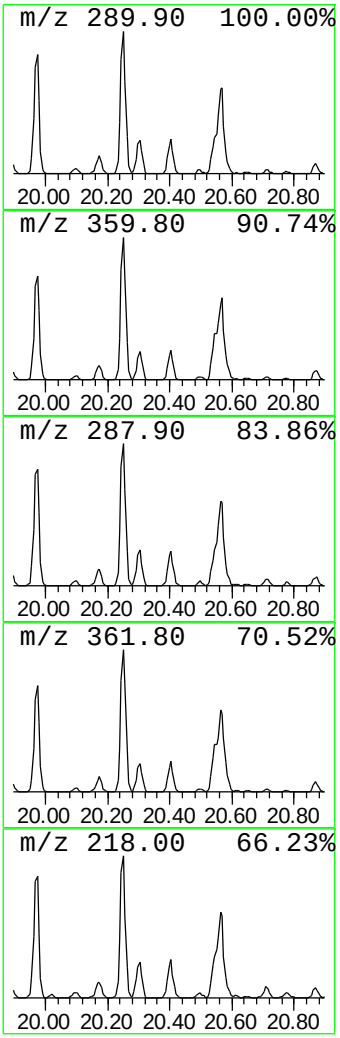
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	11.16 ng/ul	559879	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
2	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
4	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
5	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99





Library Search Compound Report

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Sample : M1957-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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

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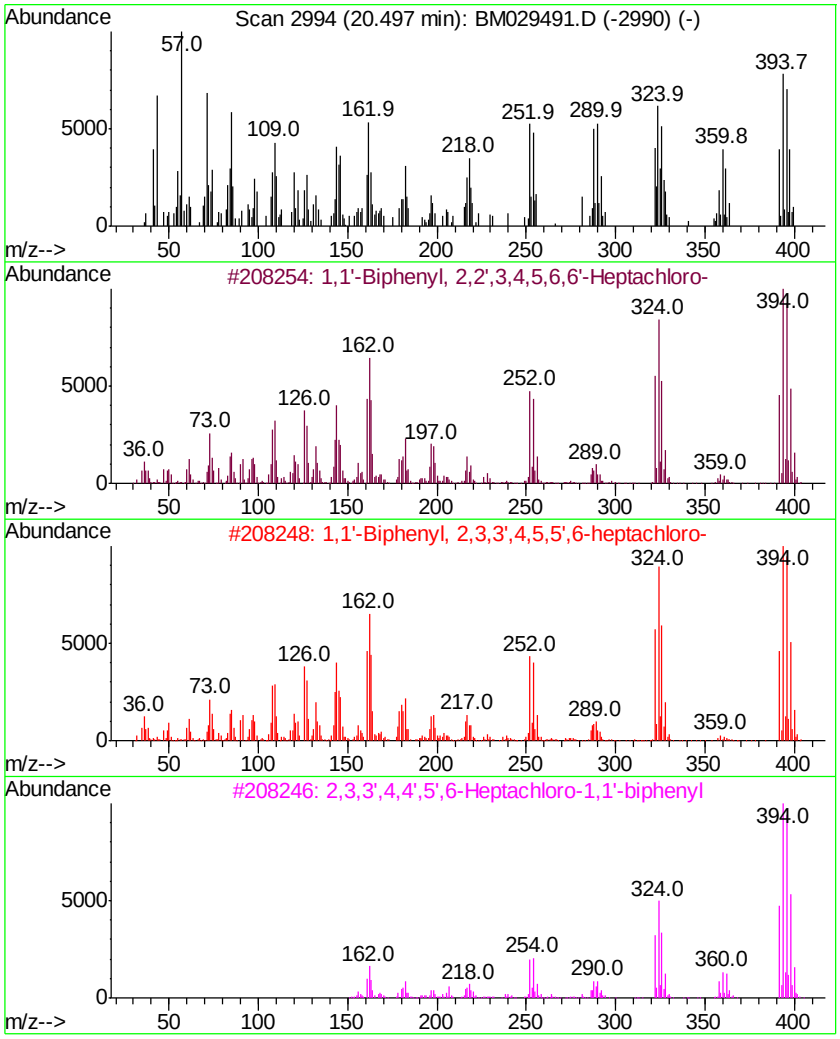
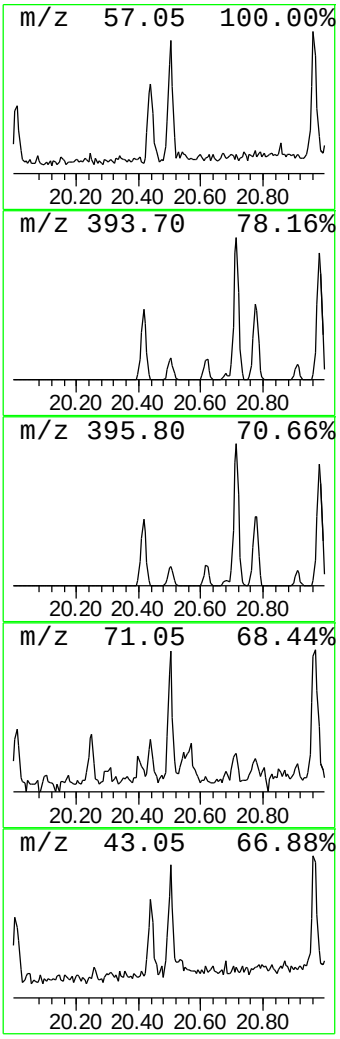
Peak Number 13 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	2.28 ng/ul	114303	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
2	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
3	2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	99
4	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99
5	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	98





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Quant Title : SVOA CALIBRATION

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

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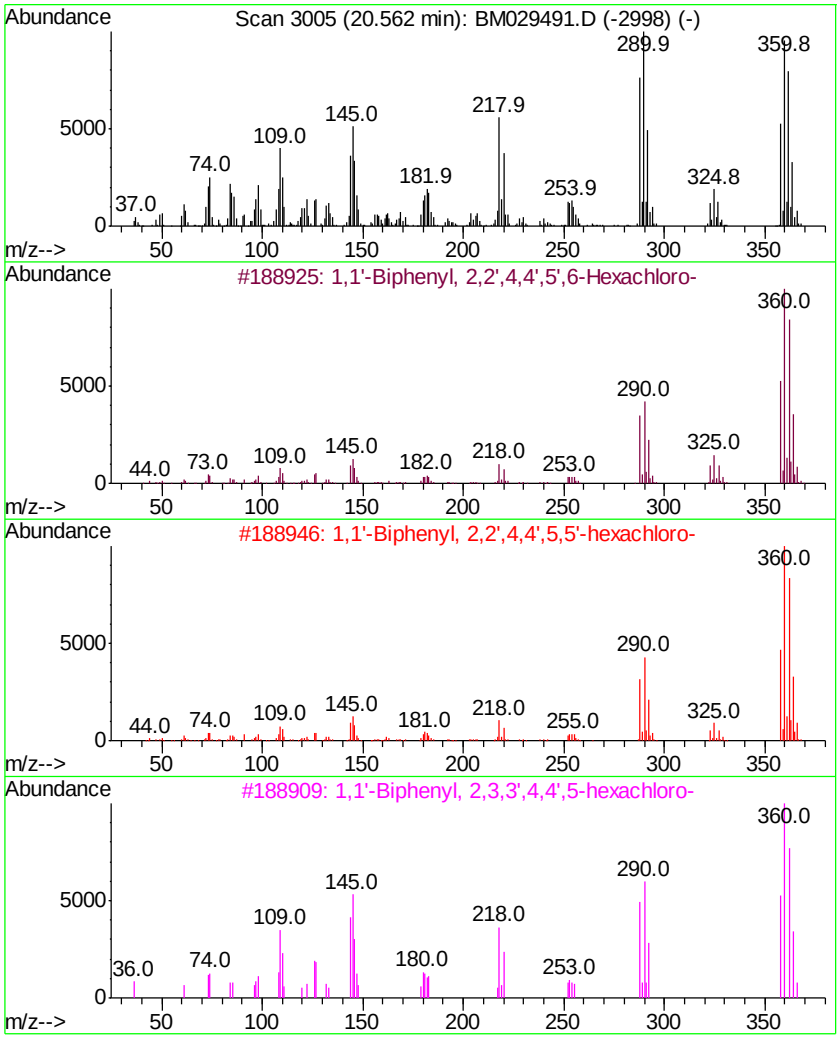
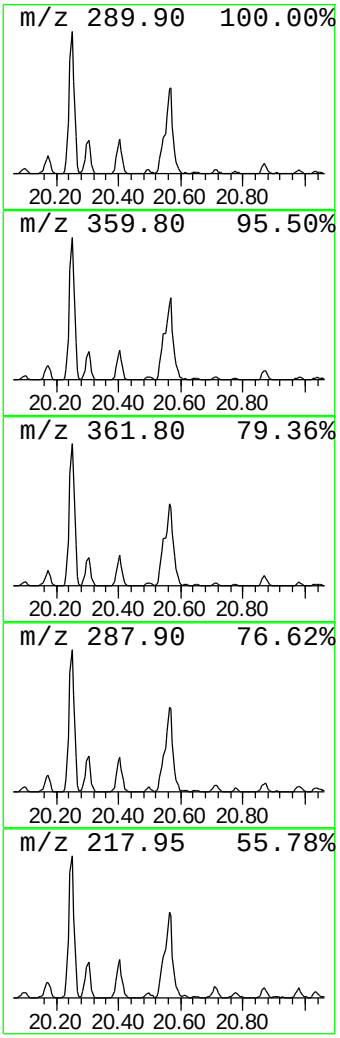
Peak Number 14 1,1'-Biphenyl, 2,2',4,4',5,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	23.90 ng/ul	1199260	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
2	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99





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ClientSampleId : C0B13

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Quant Title : SVOA CALIBRATION

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

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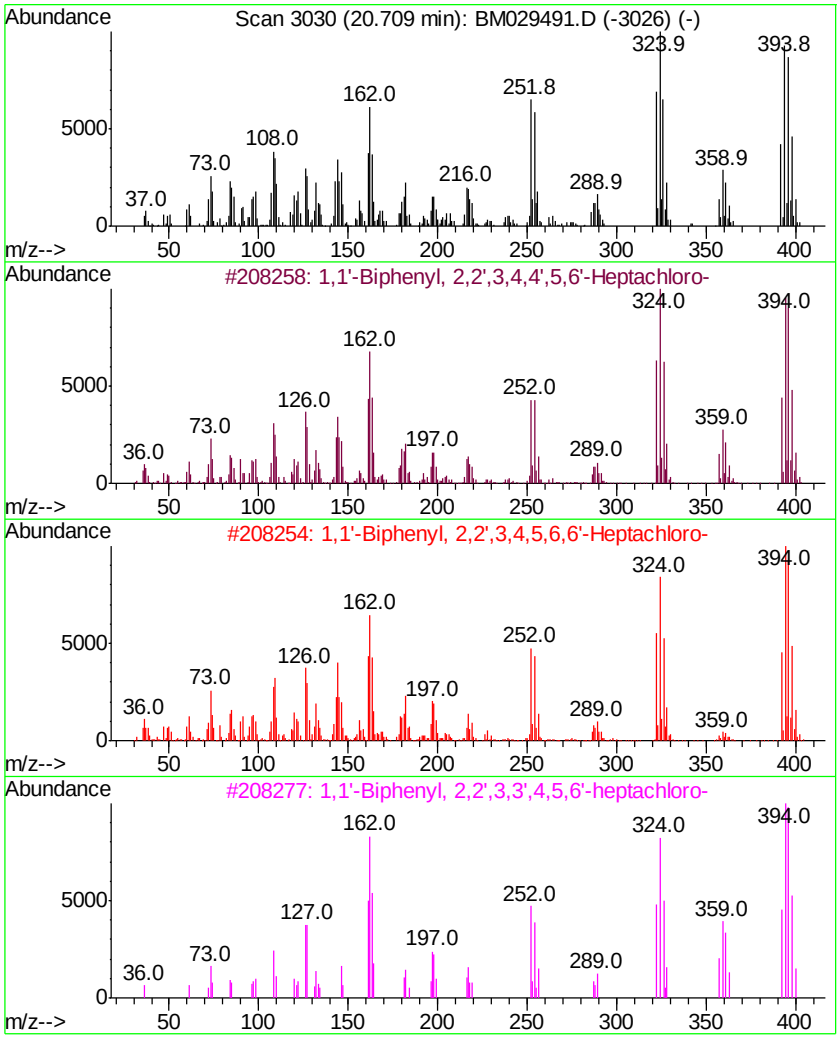
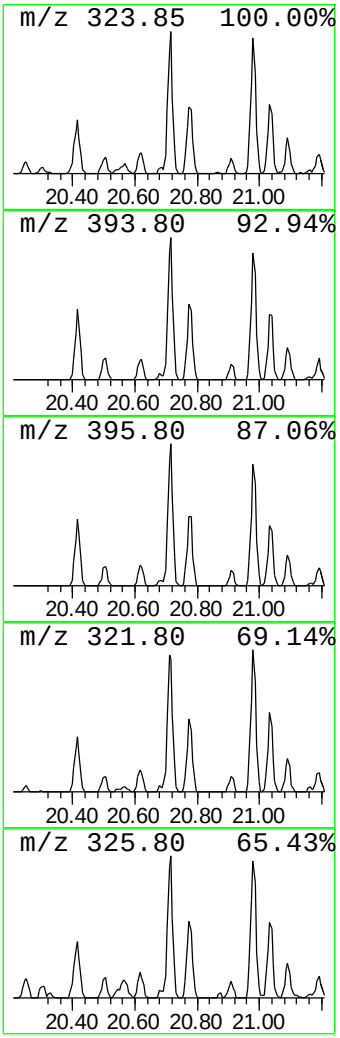
Peak Number 15 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.71	10.09 ng/ul	506156	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
2	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
3	1,1'-Biphenyl, 2,2',3,3',4,5,6'-...	392	C12H3Cl7	038411-25-5	99
4	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99





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Quant Title : SVOA CALIBRATION

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

****
Peak Number 16 2,3,3',4,4',5',6-Heptachlor... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	5.22 ng/ul	261730	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',5,5',6-...	392	C12H3Cl7	069782-91-8	99
2	2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	99
3	1,1'-Biphenyl, 2,3,3',4',5,5',6-...	392	C12H3Cl7	069782-91-8	99
4	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99
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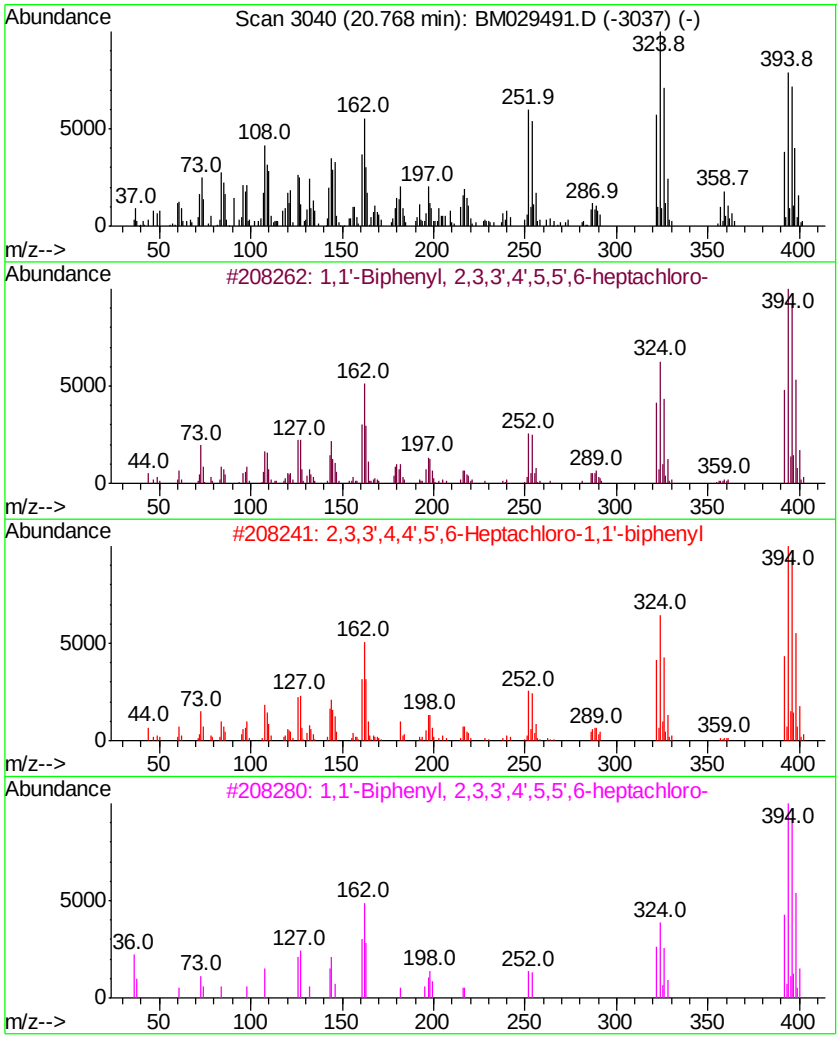

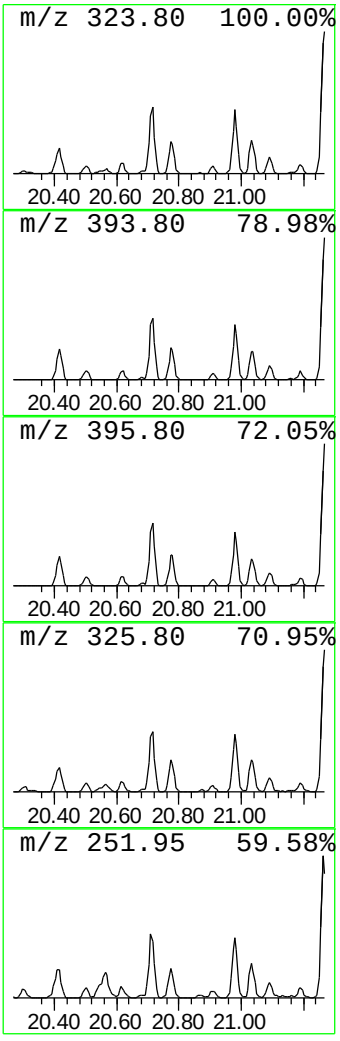

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Acq On : 15 Apr 2021 07:39
Operator : CG/JU
Sample : M1957-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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

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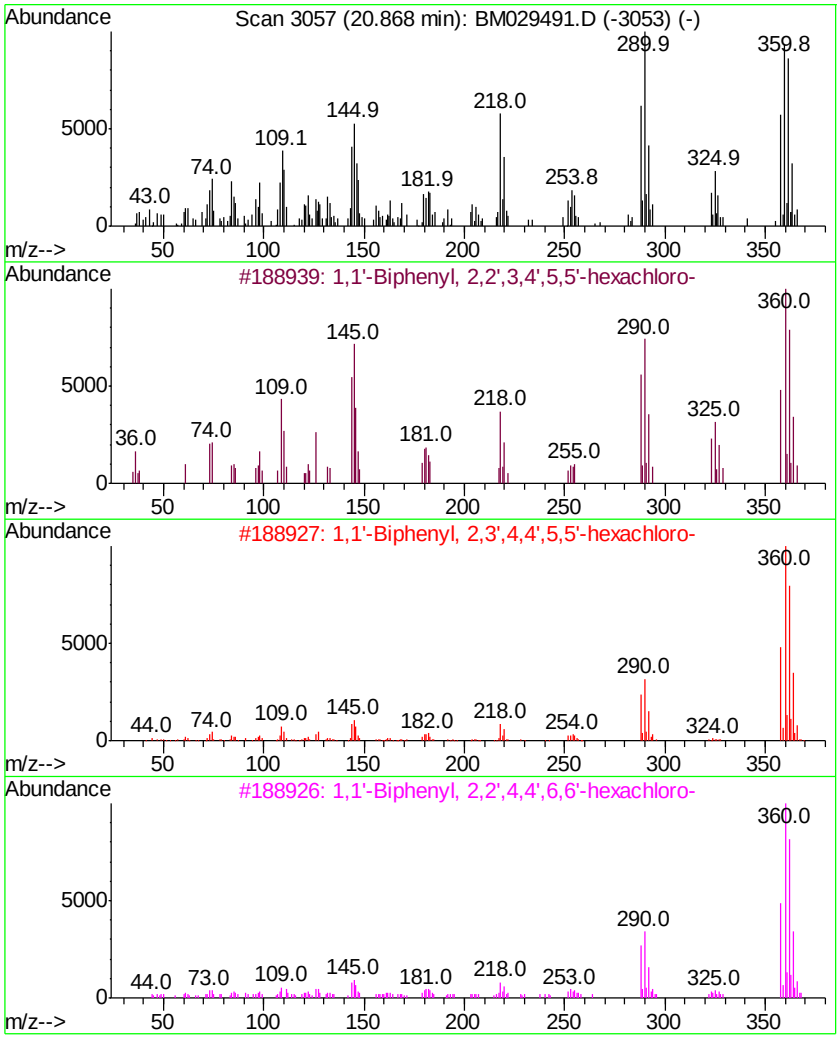
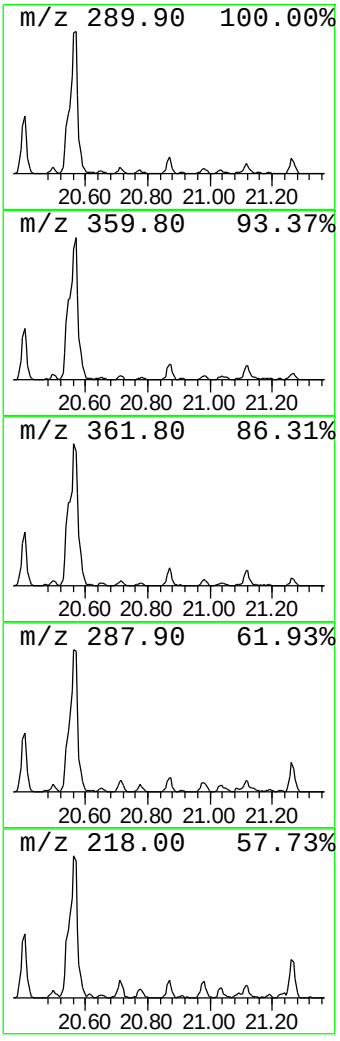
Peak Number 17 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.01 ng/ul	100868	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
2	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99





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Data File : BM029491.D
Acq On : 15 Apr 2021 07:39
Operator : CG/JU
Sample : M1957-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

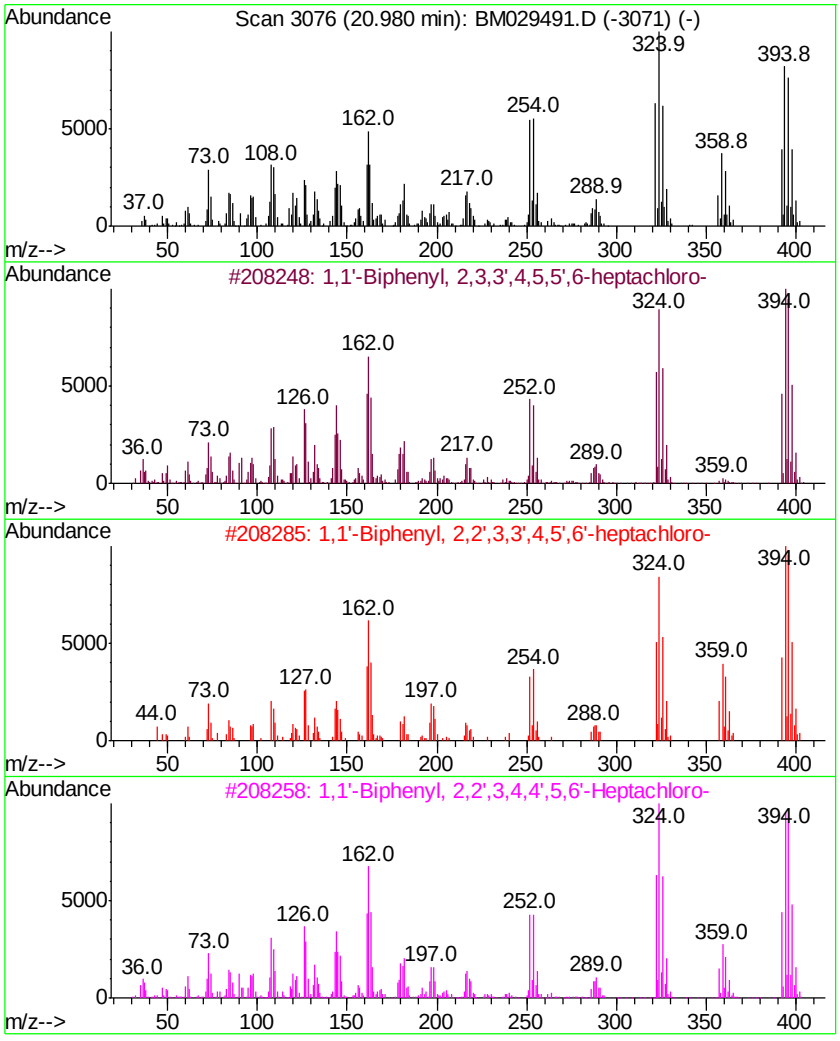
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

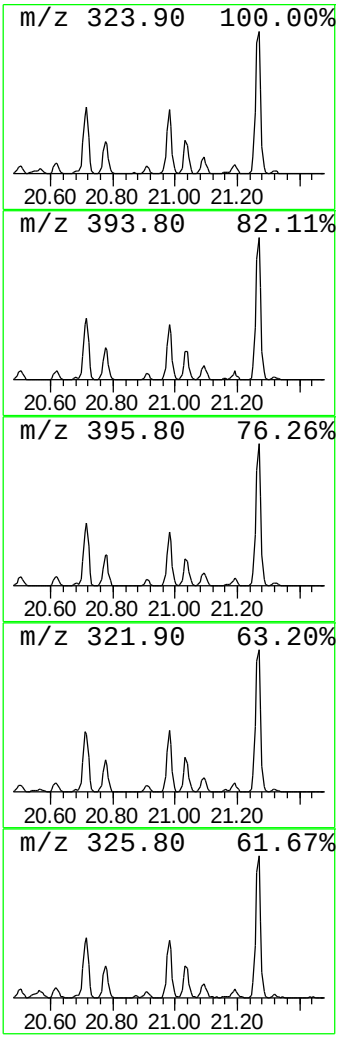
****

Peak Number 18 1,1'-Biphenyl, 2,3,3',4,5,5... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	10.02 ng/ul	503029	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
2	1,1'-Biphenyl, 2,2',3,3',4,5',6'...	392	C12H3Cl7	052663-70-4	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
4	2,2',3,3',4,5,6-Heptachloro-1,1'...	392	C12H3Cl7	068194-16-1	99
5	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99





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Acq On : 15 Apr 2021 07:39
Operator : CG/JU
Sample : M1957-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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

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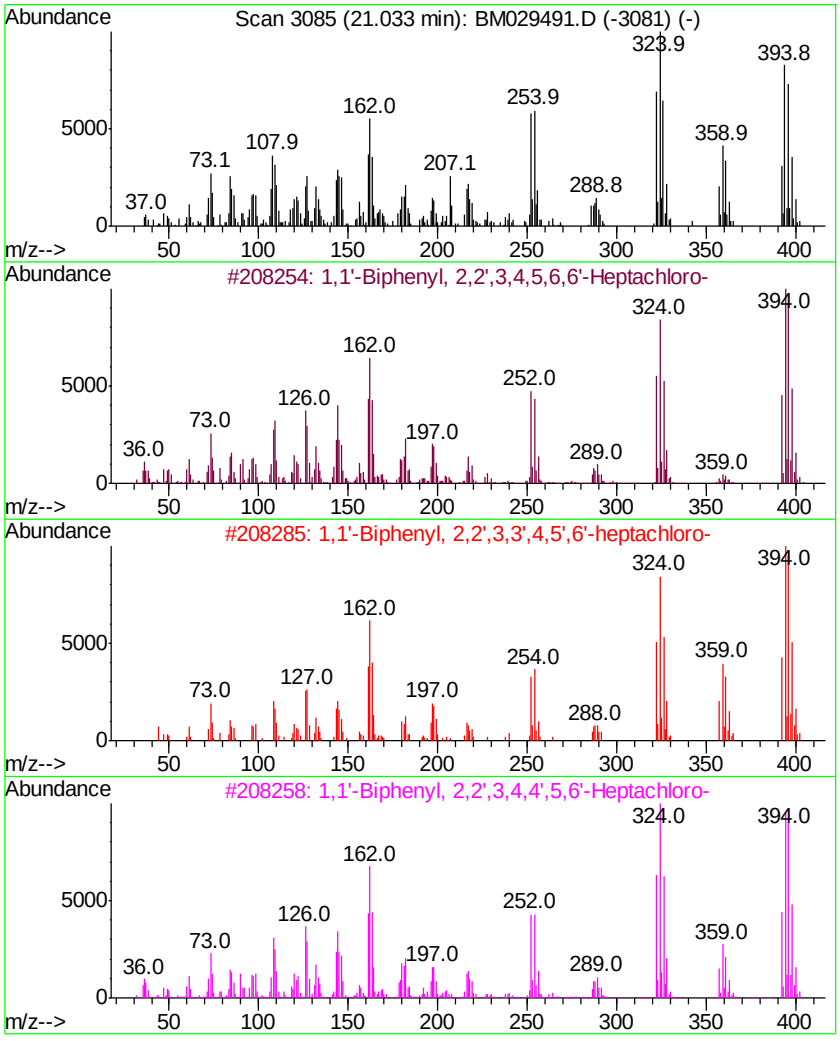
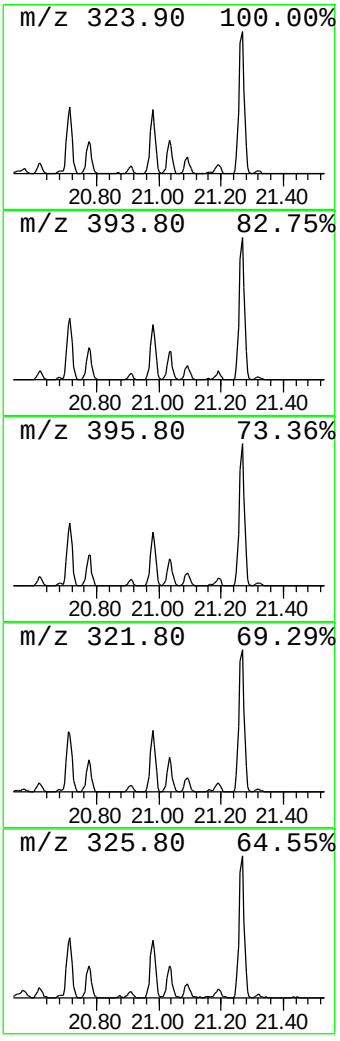
Peak Number 19 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	6.16 ng/ul	308926	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
2	1,1'-Biphenyl, 2,2',3,3',4,5',6'...	392	C12H3Cl7	052663-70-4	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
4	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99
5	2,2',3,3',4,5,6-Heptachloro-1,1'...	392	C12H3Cl7	068194-16-1	99





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Data File : BM029491.D
Acq On : 15 Apr 2021 07:39
Operator : CG/JU
Sample : M1957-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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

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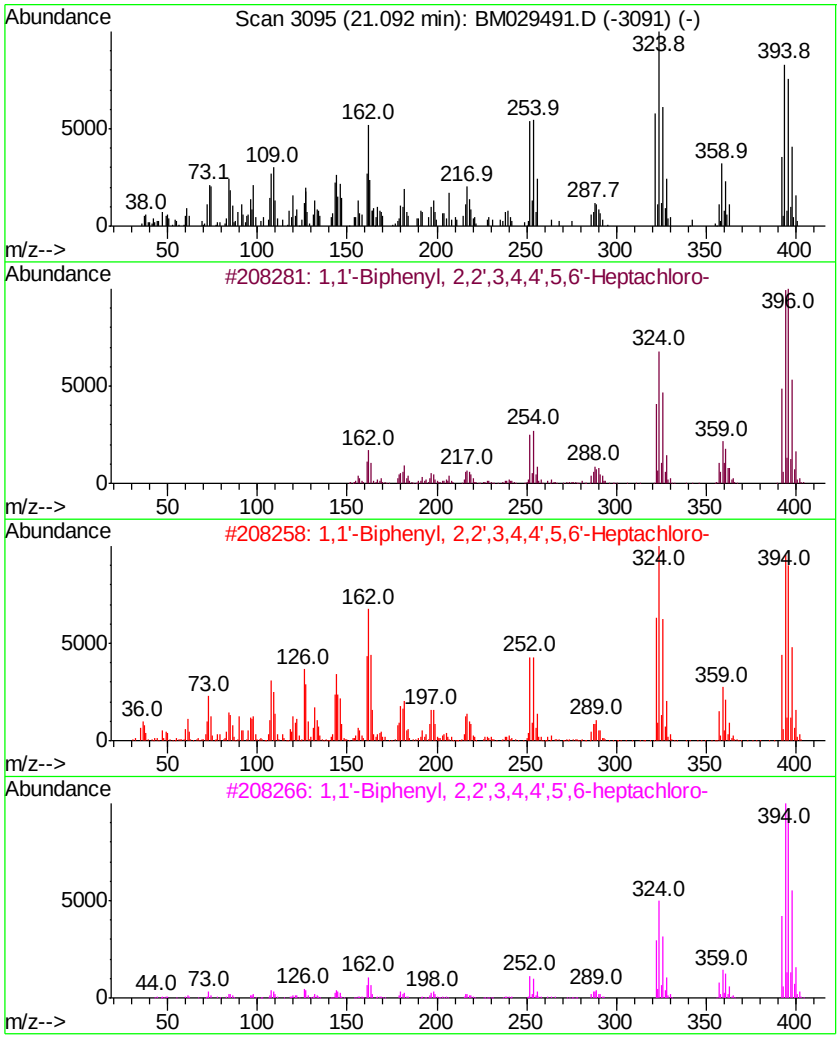
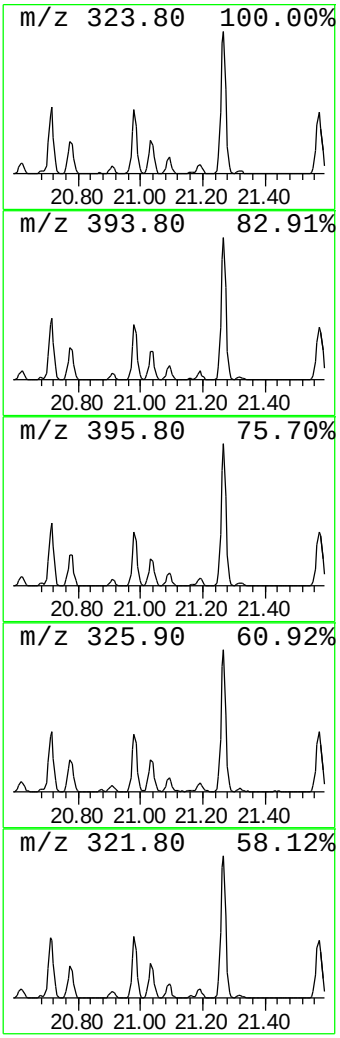
Peak Number 20 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.52 ng/ul	126534	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
3	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
4	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99
5	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029491.D
Acq On : 15 Apr 2021 07:39
Operator : CG/JU
Sample : M1957-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

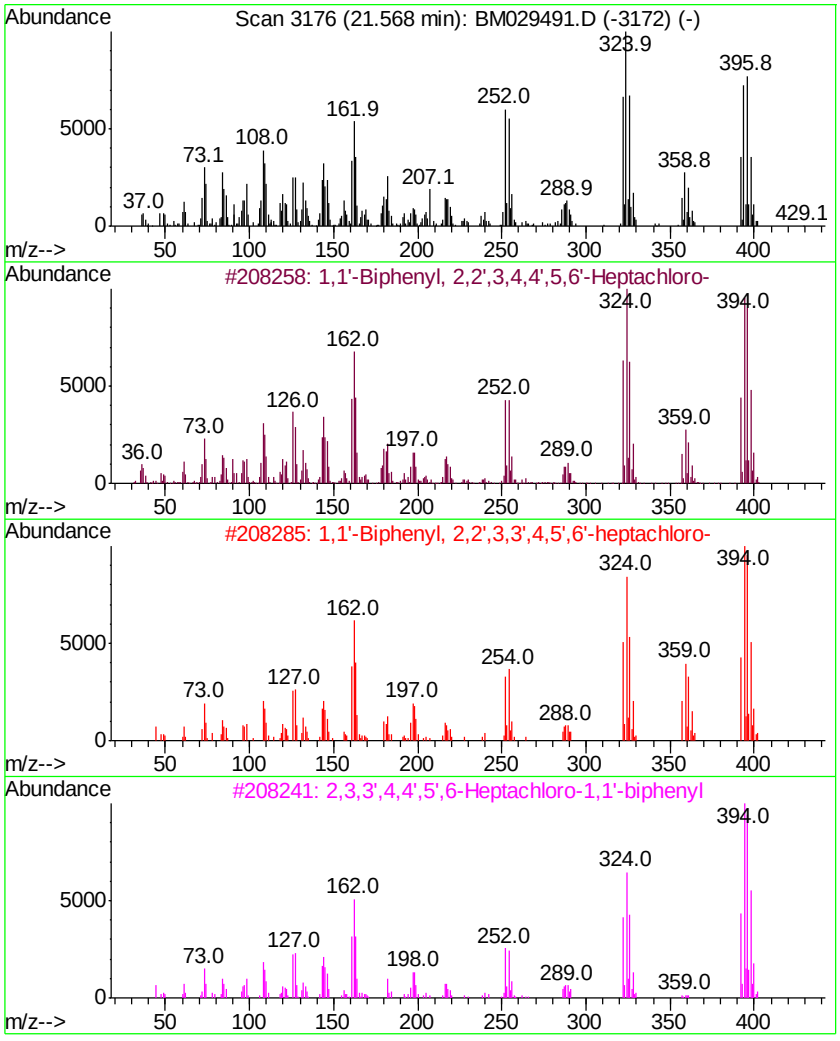
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

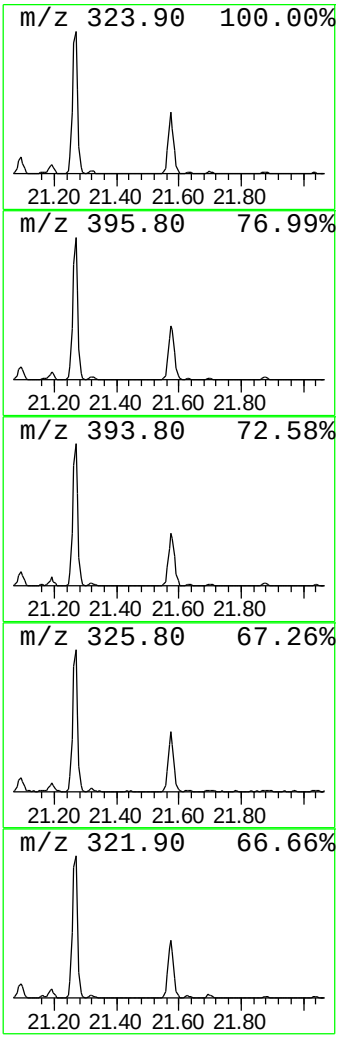
****

Peak Number 21 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	11.00 ng/ul	552161	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
2	1,1'-Biphenyl, 2,2',3,3',4,5',6'...	392	C12H3Cl7	052663-70-4	99
3	2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
5	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029491.D
Acq On : 15 Apr 2021 07:39
Operator : CG/JU
Sample : M1957-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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

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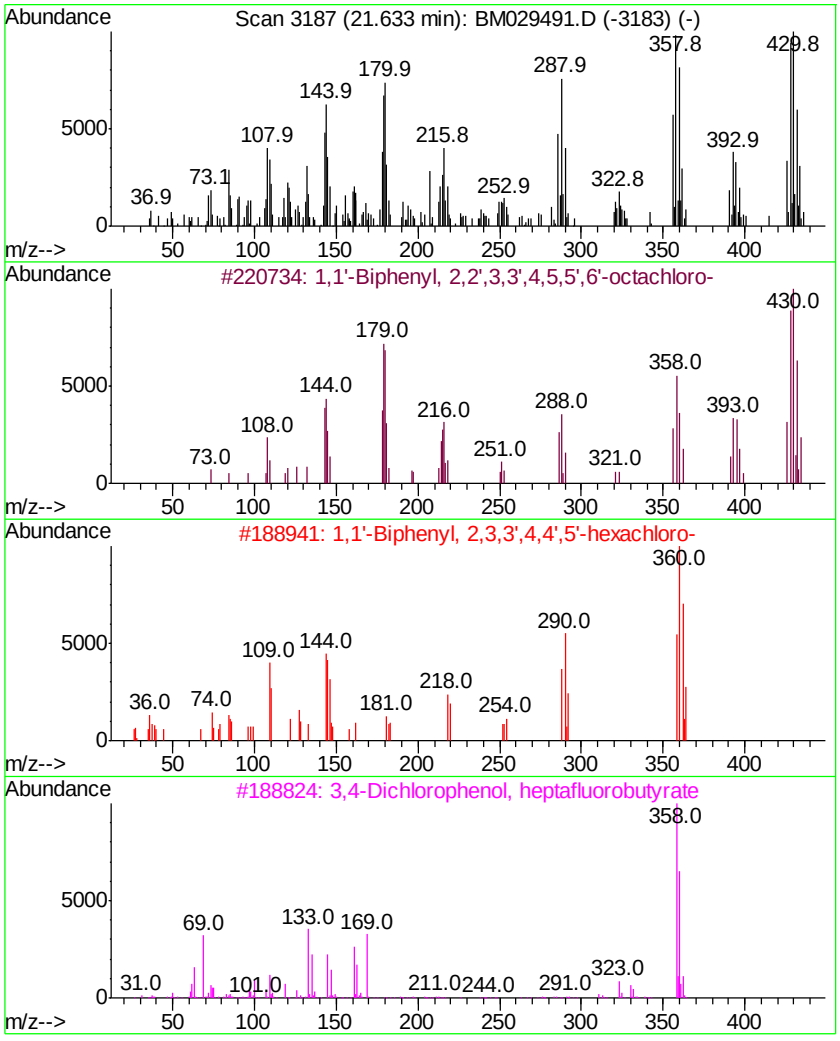
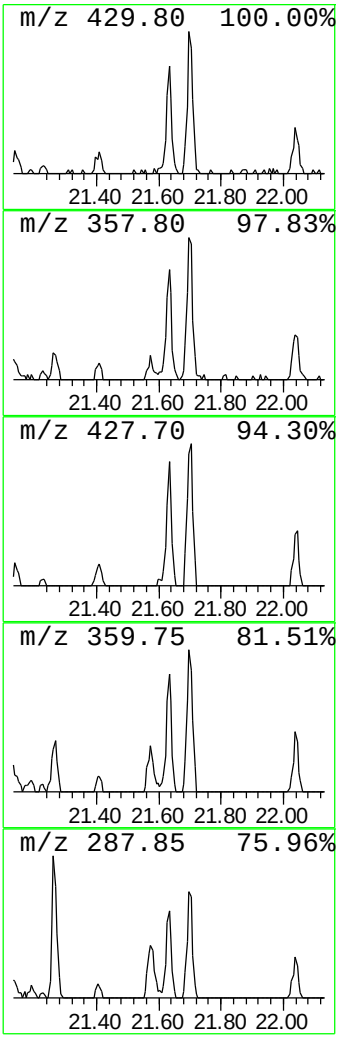
Peak Number 22 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	3.27 ng/ul	163963	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99
2	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	25
3	3,4-Dichlorophenol, heptafluorob...	358	C10H3Cl2F7O2	1000365-27-6	20
4	Acenaphthylene, octachloro-	424	C12Cl8	007267-16-5	12
5	[.mu.-Fulvalene]bis(cyclopentadi...	360	C20H18V2	1000163-45-2	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029491.D
Acq On : 15 Apr 2021 07:39
Operator : CG/JU
Sample : M1957-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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

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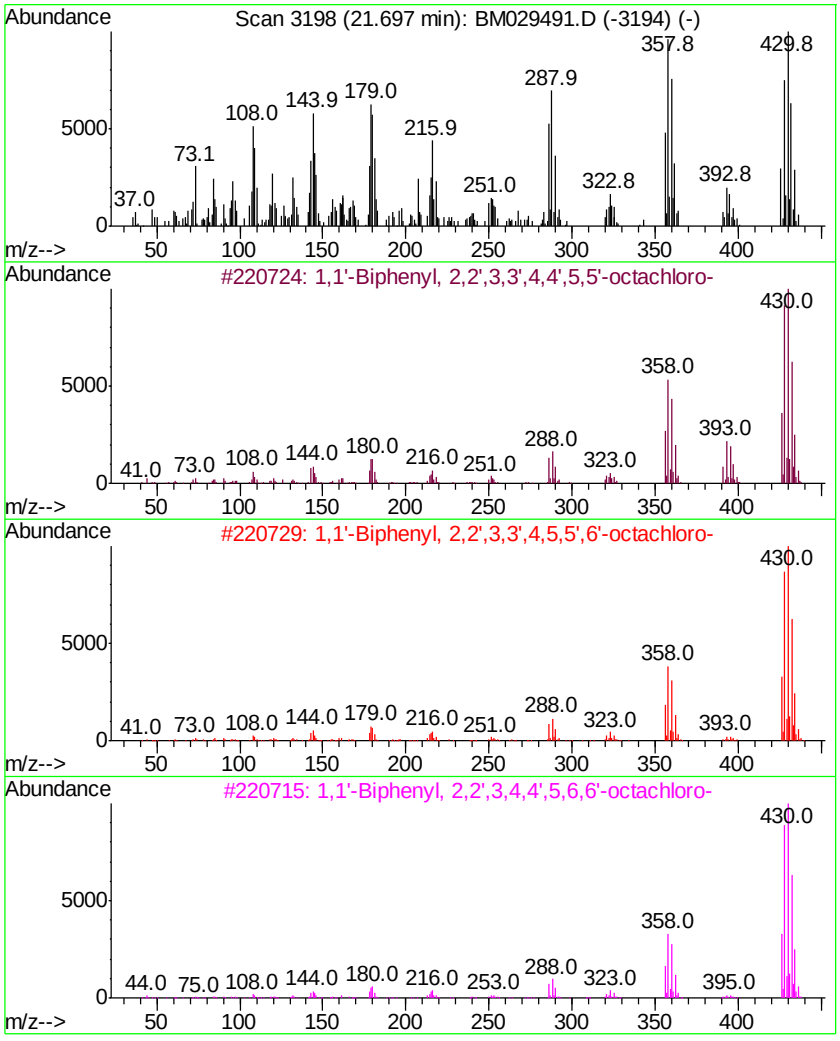
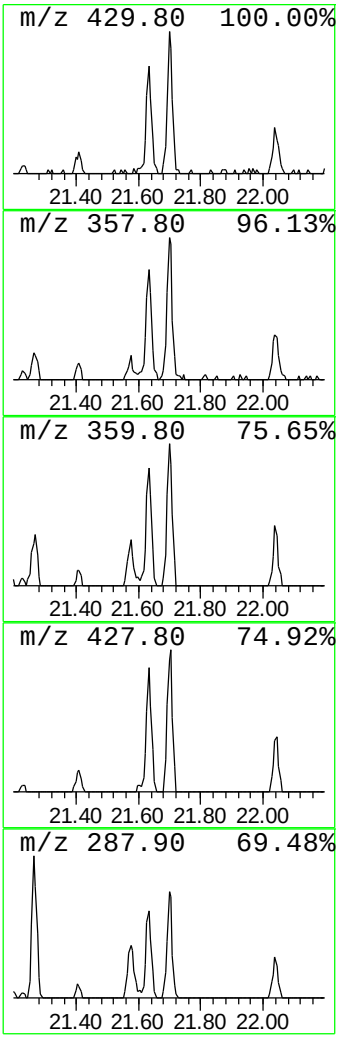
Peak Number 23 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	3.96 ng/ul	198801	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99
4	2,3,3',4,4',5,5',6-Octachloro-1,...	426	C12H2Cl8	074472-53-0	99
5	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99





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Data File : BM029491.D
Acq On : 15 Apr 2021 07:39
Operator : CG/JU
Sample : M1957-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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

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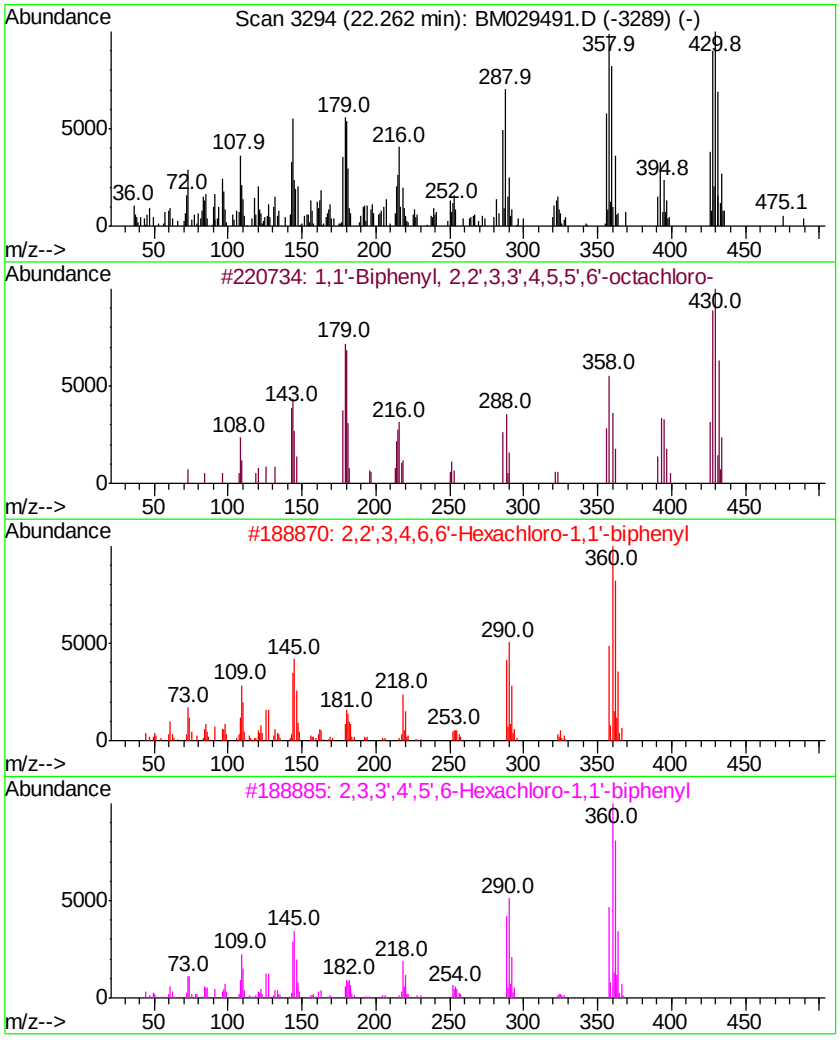
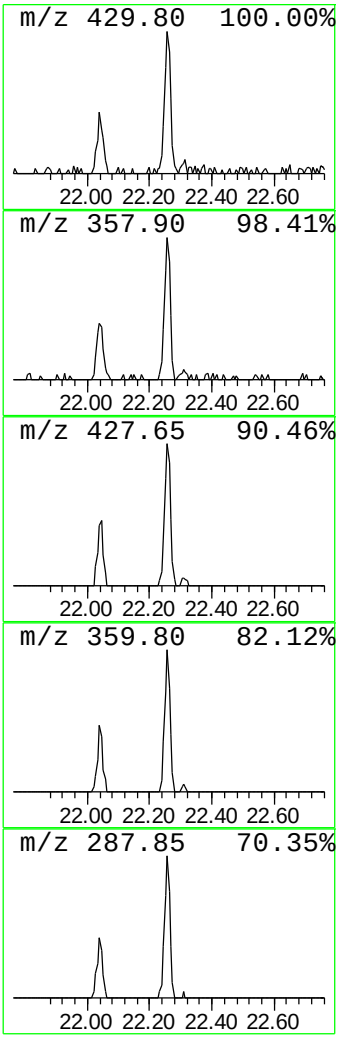
Peak Number 24 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	3.24 ng/ul	162730	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	58
2	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	44
3	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	43
4	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	41
5	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041521\
Data File : BM029491.D
Acq On : 15 Apr 2021 07:39
Operator : CG/JU
Sample : M1957-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.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...	2.94	3.9	ng/ul	172134	1	7.67	878000	20.0
(DEL) Alkane: Str...	3.11	56.6	ng/ul	2485390	1	7.67	878000	20.0
2,2',3,5,6'-Penta...	18.97	6.3	ng/ul	363447	4	17.06	1154180	20.0
1,1'-Biphenyl, 2,...	19.26	9.3	ng/ul	465638	5	21.23	1003730	20.0
1,1'-Biphenyl, 2,...	19.69	4.4	ng/ul	221299	5	21.23	1003730	20.0
2,2',3,4,5,6-Hexa...	19.83	7.5	ng/ul	374225	5	21.23	1003730	20.0
2,2',3,3',5,6-Hex...	19.87	4.3	ng/ul	217432	5	21.23	1003730	20.0
1,1'-Biphenyl, 2,...	19.97	21.3	ng/ul	1070930	5	21.23	1003730	20.0
2,2',3,4',5,6-Hex...	20.17	2.9	ng/ul	143631	5	21.23	1003730	20.0
2,2',3,4,6,6'-Hex...	20.25	24.2	ng/ul	1215220	5	21.23	1003730	20.0
2,2',3,4',6,6'-He...	20.30	6.5	ng/ul	324508	5	21.23	1003730	20.0
1,1'-Biphenyl, 2,...	20.40	11.2	ng/ul	559879	5	21.23	1003730	20.0
1,1'-Biphenyl, 2,...	20.50	2.3	ng/ul	114303	5	21.23	1003730	20.0
1,1'-Biphenyl, 2,...	20.56	23.9	ng/ul	1199260	5	21.23	1003730	20.0
1,1'-Biphenyl, 2,...	20.71	10.1	ng/ul	506156	5	21.23	1003730	20.0
2,3,3',4,4',5',6-...	20.77	5.2	ng/ul	261730	5	21.23	1003730	20.0
1,1'-Biphenyl, 2,...	20.87	2.0	ng/ul	100868	5	21.23	1003730	20.0
1,1'-Biphenyl, 2,...	20.98	10.0	ng/ul	503029	5	21.23	1003730	20.0
1,1'-Biphenyl, 2,...	21.03	6.2	ng/ul	308926	5	21.23	1003730	20.0
1,1'-Biphenyl, 2,...	21.09	2.5	ng/ul	126534	5	21.23	1003730	20.0
unknown-01	21.57	11.0	ng/ul	552161	5	21.23	1003730	20.0
1,1'-Biphenyl, 2,...	21.63	3.3	ng/ul	163963	5	21.23	1003730	20.0
1,1'-Biphenyl, 2,...	21.70	4.0	ng/ul	198801	5	21.23	1003730	20.0
unknown-02	22.26	3.2	ng/ul	162730	5	21.23	1003730	20.0