LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029392.D
Acq On : 08 Apr 2021 04:06
Operator : CG/JU
Sample : M1957-04
Misc : GCMS CONFIRMATION
ALS Vial : 31 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	2.952	8	11	16	rVB	138285	145582	5.56%	0.561%
2	3.028	21	24	27	rVV	42014	42671	1.63%	0.164%
3	3.057	27	29	31	rVV	17383	17251	0.66%	0.066%
4	3.081	31	33	35	rVV	25998	23976	0.92%	0.092%
5	3.116	35	39	44	rVB	2494101	2619793	100.00%	10.099%
6	3.422	86	91	92	rBV3	6842	8238	0.31%	0.032%
7	3.451	92	96	105	rVB	73314	87380	3.34%	0.337%
8	3.540	108	111	116	rVB2	5486	5702	0.22%	0.022%
9	3.916	172	175	182	rVB	10680	13486	0.51%	0.052%
10	7.687	807	816	830	rBV	476704	745581	28.46%	2.874%
11	10.469	1279	1289	1300	rBV	581838	972063	37.10%	3.747%
12	10.939	1367	1369	1373	rVB4	3030	4454	0.17%	0.017%
13	14.327	1938	1945	1952	rBV	809797	1209491	46.17%	4.662%
14	15.374	2118	2123	2128	rVB3	2477	4064	0.16%	0.016%
15	15.674	2169	2174	2180	rVB4	2520	3816	0.15%	0.015%
16	16.845	2370	2373	2377	rBV6	3523	4577	0.17%	0.018%
17	17.062	2404	2410	2415	rBV	914529	1287092	49.13%	4.961%
18	17.104	2415	2417	2423	rVB	59773	72290	2.76%	0.279%
19	17.739	2523	2525	2530	rVB5	3079	5369	0.20%	0.021%
20	17.786	2530	2533	2538	rBV7	3584	6036	0.23%	0.023%
21	17.939	2553	2559	2561	rBV	9954	14378	0.55%	0.055%
22	17.980	2562	2566	2573	rVB4	15671	30121	1.15%	0.116%
23	18.133	2585	2592	2596	rBV3	45834	69484	2.65%	0.268%
24	18.174	2596	2599	2602	rVB4	6972	8127	0.31%	0.031%
25	18.445	2636	2645	2651	rBV7	7671	19535	0.75%	0.075%
26	18.733	2692	2694	2699	rBV5	4988	5167	0.20%	0.020%
27	18.856	2712	2715	2719	rBV4	5190	6964	0.27%	0.027%
28	18.909	2719	2724	2728	rBV7	6447	10566	0.40%	0.041%
29	18.986	2728	2737	2743	rBV	446609	575297	21.96%	2.218%
30	19.121	2755	2760	2764	rBV	76656	108421	4.14%	0.418%
31	19.192	2767	2772	2776	rBV3	58662	75753	2.89%	0.292%
32	19.268	2779	2785	2791	rVV	575371	730875	27.90%	2.817%
33	19.450	2812	2816	2818	rBV2	11938	16873	0.64%	0.065%
34	19.480	2818	2821	2826	rVV2	22435	30661	1.17%	0.118%

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35	19.533	2826	2830	2832	rVV5	11964	13964	0.53%	0.054%
36	19.609	2838	2843	2848	rBV3	69476	88034	3.36%	0.339%
37	19.662	2850	2852	2853	rBV2	6407	4157	0.16%	0.016%
38	19.698	2853	2858	2859	rBV	254097	318447	12.16%	1.228%
39	19.839	2877	2882	2886	rBV	465181	568417	21.70%	2.191%
40	19.880	2886	2889	2897	rVB2	189842	331326	12.65%	1.277%
41	19.980	2900	2906	2911	rBV	1384539	1662582	63.46%	6.409%
42	20.027	2911	2914	2920	rVB	91923	110015	4.20%	0.424%
43	20.103	2923	2927	2933	rBV3	68534	85492	3.26%	0.330%
44	20.180	2935	2940	2945	rVB	179858	219668	8.38%	0.847%
45	20.256	2948	2953	2958	rVV	1627025	1863321	71.12%	7.183%
46	20.309	2958	2962	2968	rVB	418330	499440	19.06%	1.925%
47	20.409	2974	2979	2987	rBV3	495168	797542	30.44%	3.074%
48	20.503	2991	2995	2999	rBV3	117541	157794	6.02%	0.608%
49	20.568	2999	3006	3012	rVV2	964073	1794721	68.51%	6.918%
50	20.621	3012	3015	3019	rVB3	102256	114907	4.39%	0.443%
51	20.715	3027	3031	3037	rVB	650231	781022	29.81%	3.011%
52	20.780	3038	3042	3047	rVV2	339207	396130	15.12%	1.527%
53	20.874	3054	3058	3062	rBV3	114216	139991	5.34%	0.540%
54	20.915	3062	3065	3070	rVB5	71738	88052	3.36%	0.339%
55	20.986	3072	3077	3082	rVV	637206	742342	28.34%	2.862%
56	21.039	3082	3086	3092	rVV2	357724	438077	16.72%	1.689%
57	21.097	3092	3096	3098	rBV	153611	187314	7.15%	0.722%
58	21.121	3098	3100	3107	rVV5	77656	116160	4.43%	0.448%
59	21.192	3109	3112	3115	rVV3	83524	106815	4.08%	0.412%
60	21.239	3115	3120	3122	rVV	846194	1058534	40.41%	4.080%
61	21.268	3122	3125	3132	rVB	1437578	1678658	64.08%	6.471%
62	21.574	3173	3177	3184	rBV	559871	785731	29.99%	3.029%
63	21.639	3184	3188	3193	rVV5	184844	237798	9.08%	0.917%
64	21.703	3195	3199	3205	rVV5	229013	293195	11.19%	1.130%
65	22.044	3254	3257	3261	rVB3	84569	92725	3.54%	0.357%
66	22.262	3290	3294	3297	rBV4	180876	229294	8.75%	0.884%
67	23.444	3490	3495	3504	rVB2	519009	958951	36.60%	3.697%

Sum of corrected areas: 25941750

LSC Report - Integrated Chromatogram

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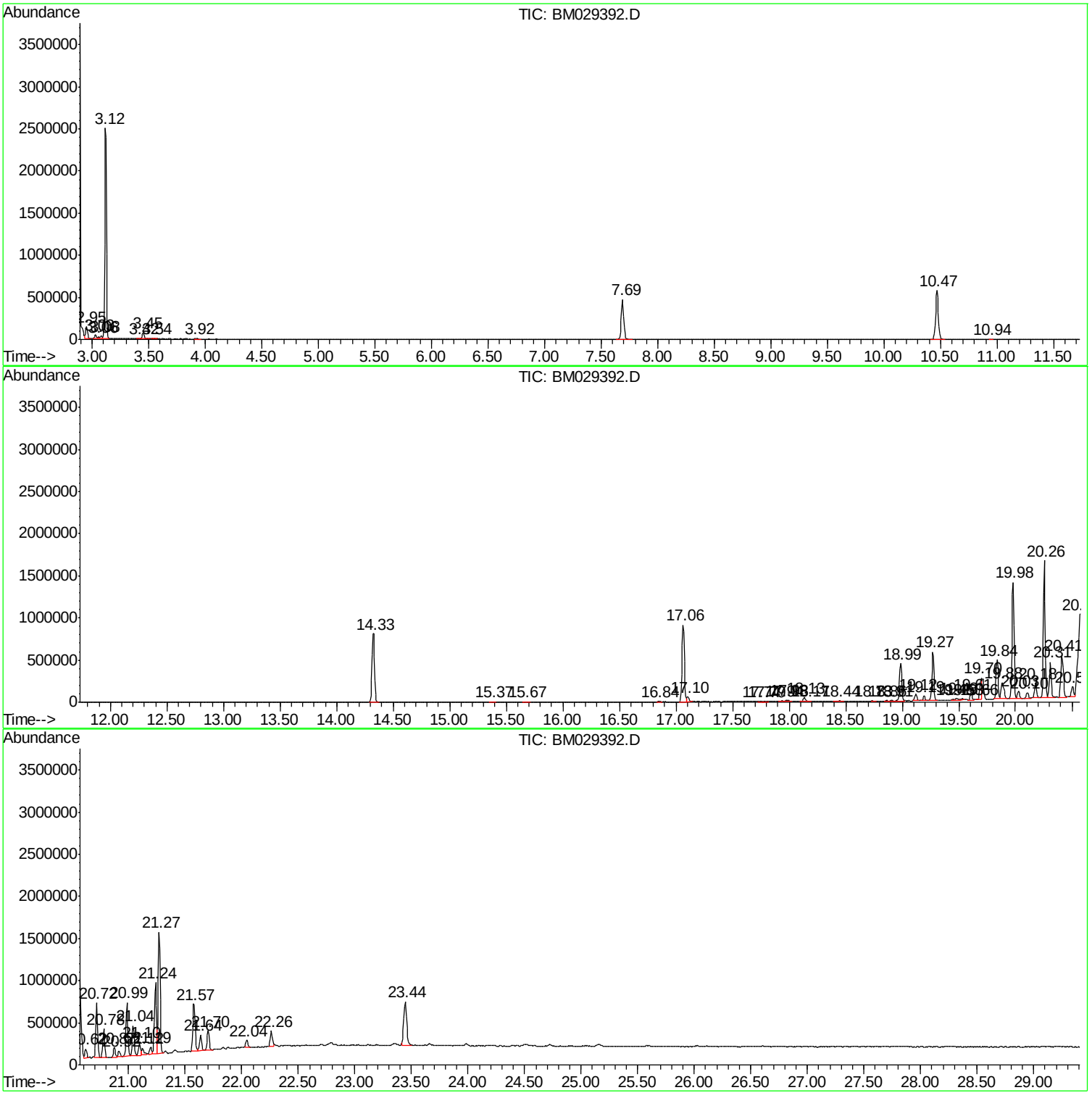
ALS Vial : 31 Sample Multiplier: 1

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

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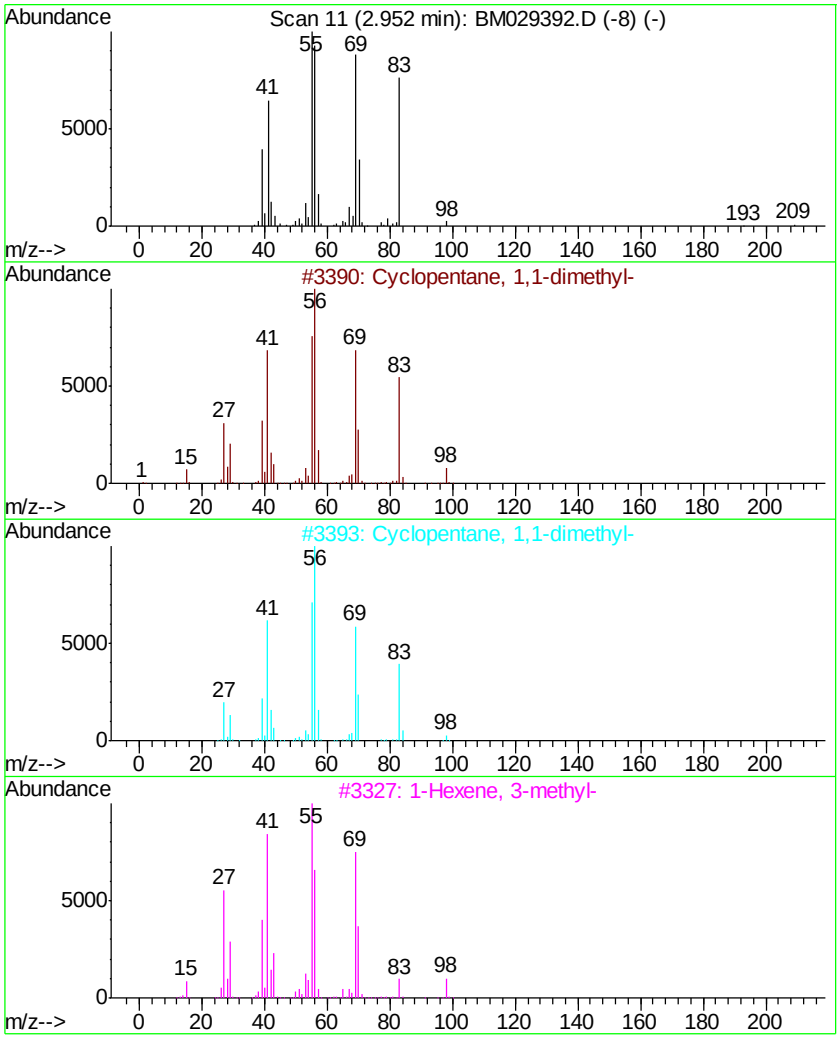
Quant Title : SVOA CALIBRATION

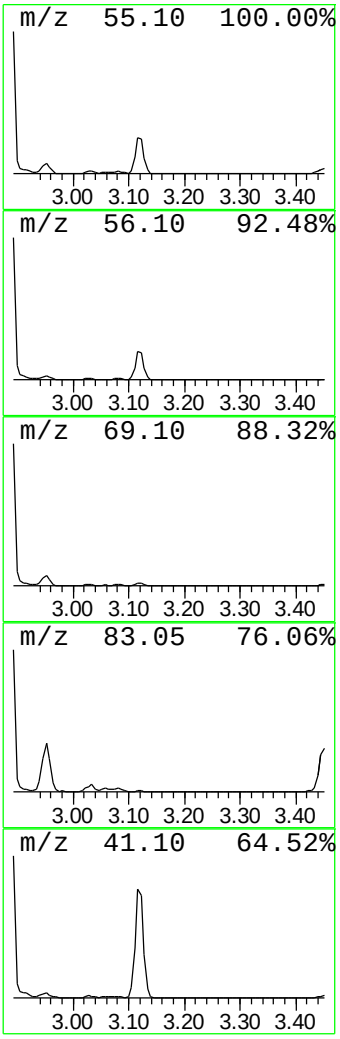
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic2.95 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	3.91 ng/ul	145582	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	72
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	64
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	50
4	3-Undecene, 8-methyl-	168	C12H24	1000061-84-4	47
5	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	47





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Sample : M1957-04
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

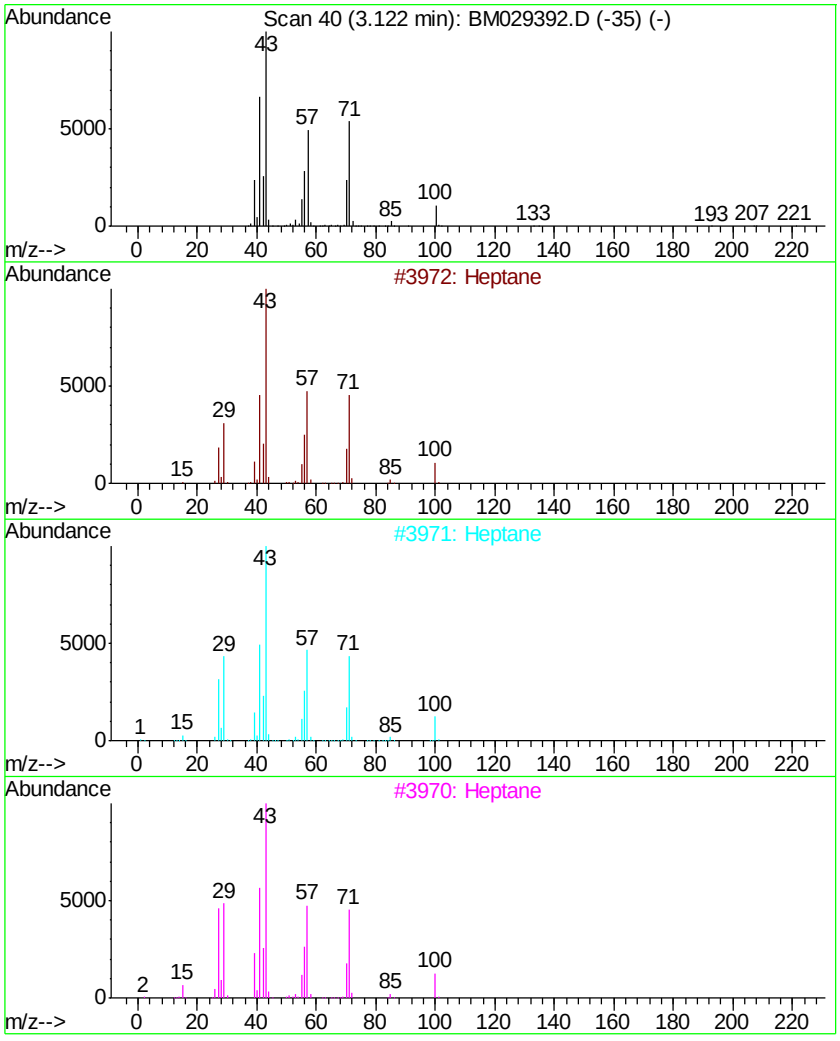
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

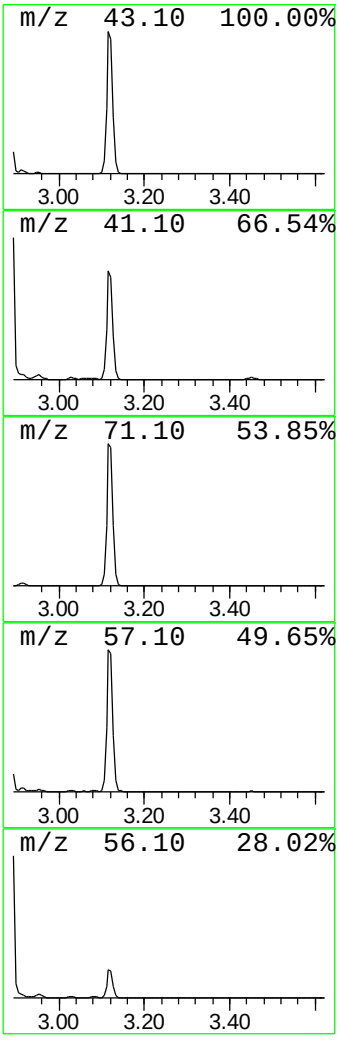
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	70.28 ng/ul	2619790	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	90
3	Heptane	100	C7H16	000142-82-5	87
4	Heptane	100	C7H16	000142-82-5	58
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	42





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ALS Vial : 31 Sample Multiplier: 1

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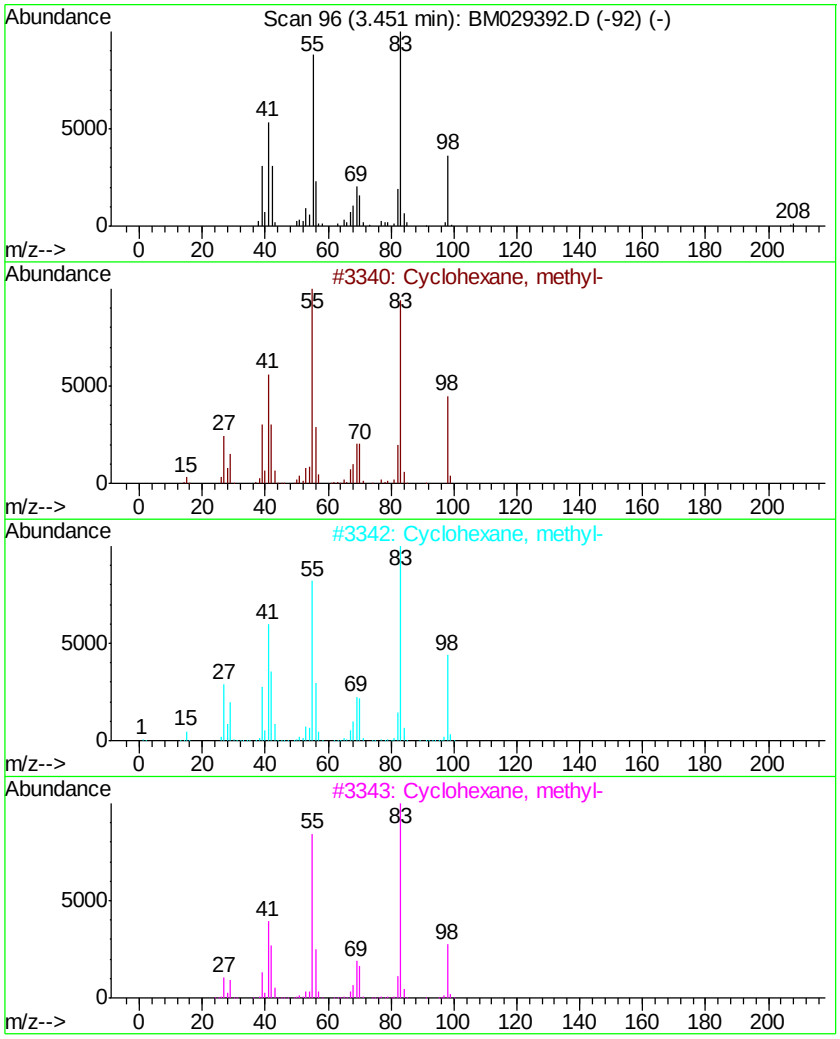
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

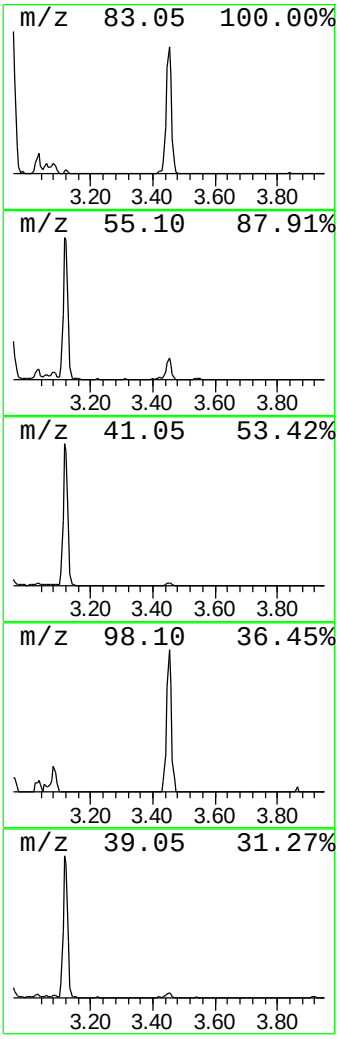
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic3.45 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	2.34 ng/ul	87380	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	90
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	90
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	80
5	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	58





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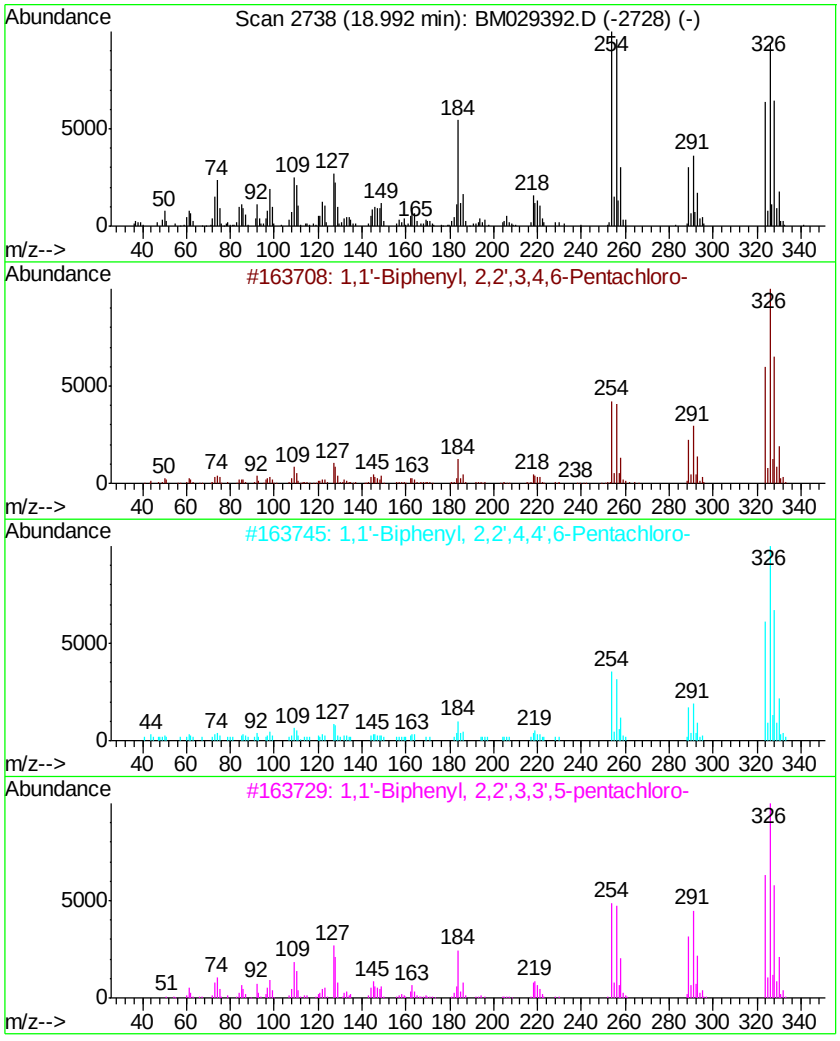
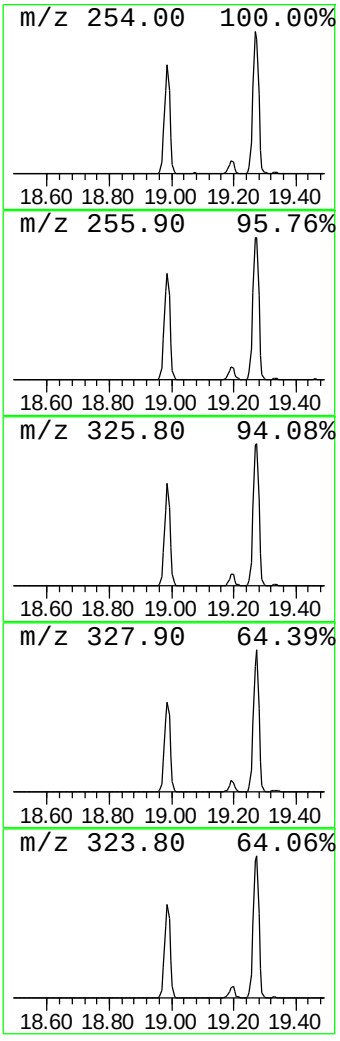
****

Peak Number 4 1,1'-Biphenyl, 2,2',3,4,6-P... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	8.94 ng/ul	575297	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
2	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
3	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
4	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	99
5	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99





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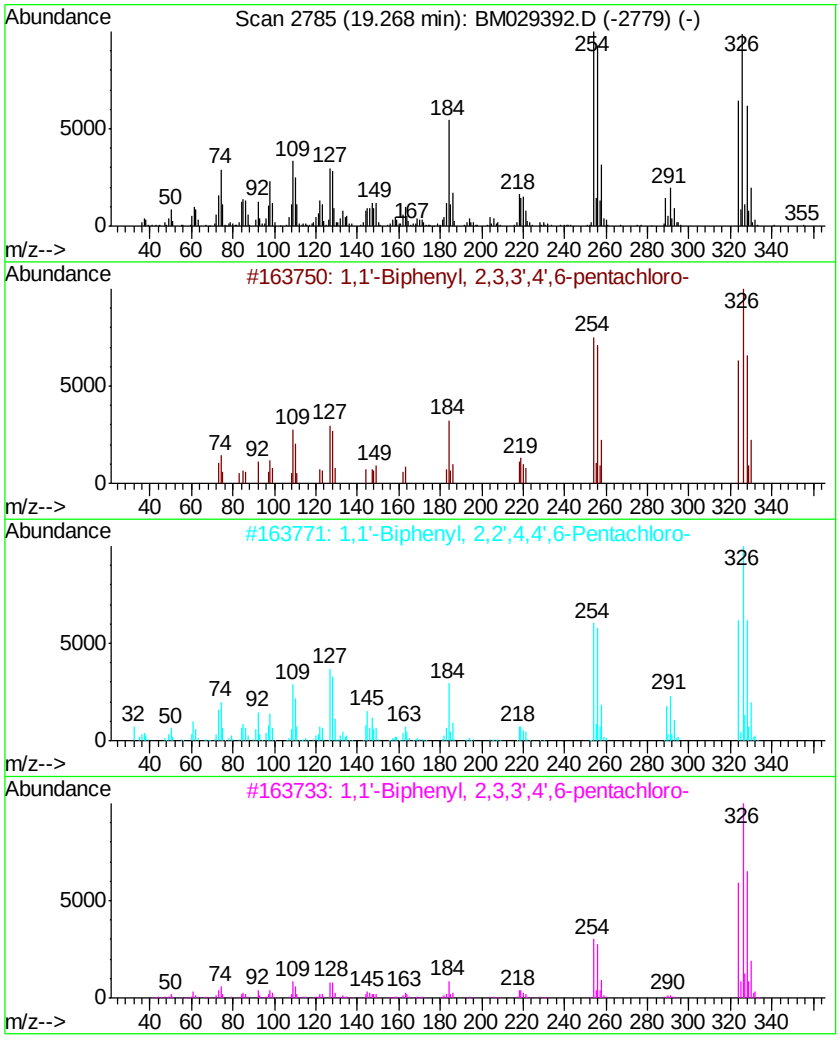
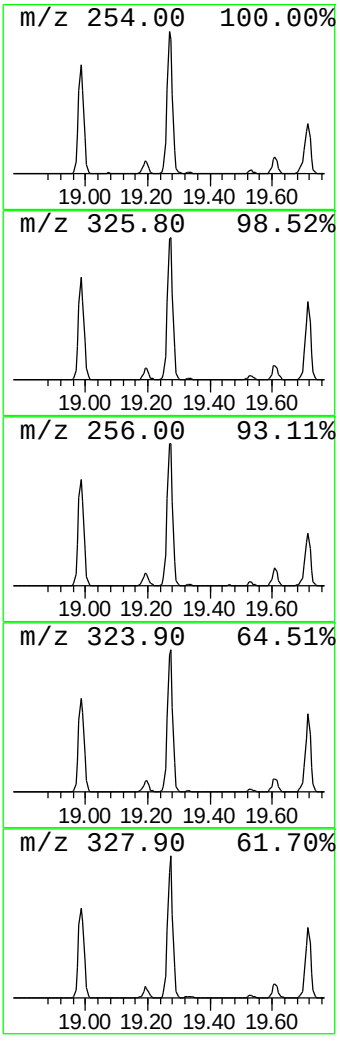
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	13.81 ng/ul	730875	Chrysene-d12	21.24

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	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99





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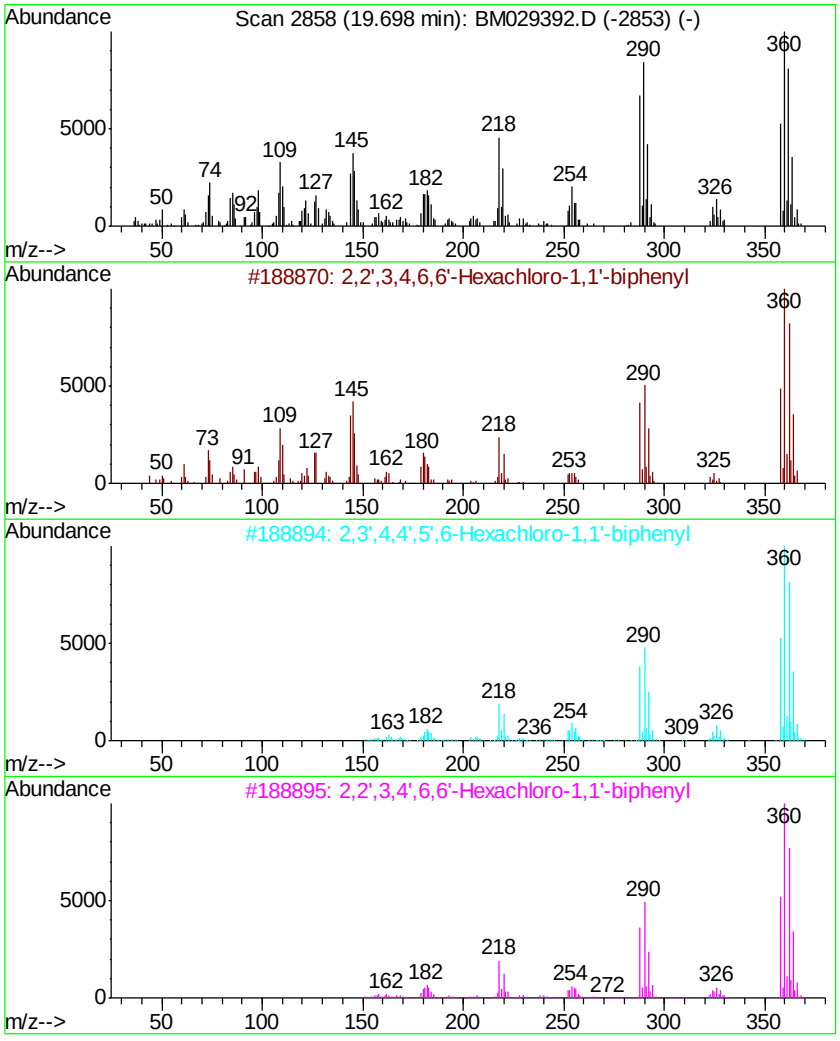
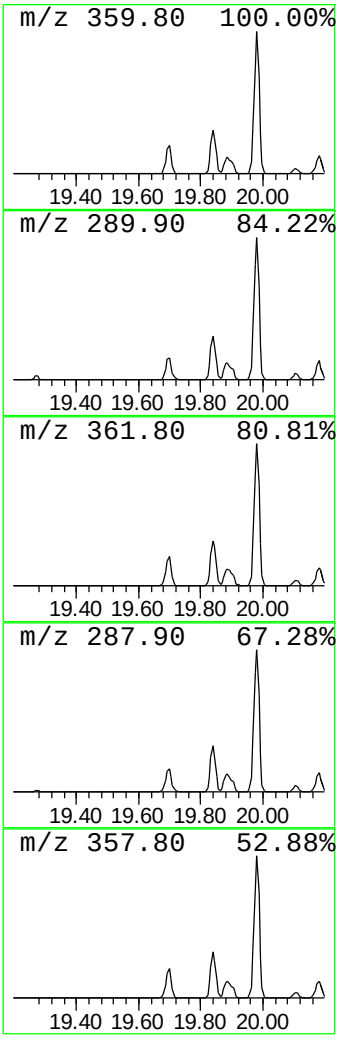
****
Peak Number 6 2,2',3,4,6,6'-Hexachloro-1,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	6.02 ng/ul	318447	Chrysene-d12	21.24

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	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
3	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
4	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
5	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99





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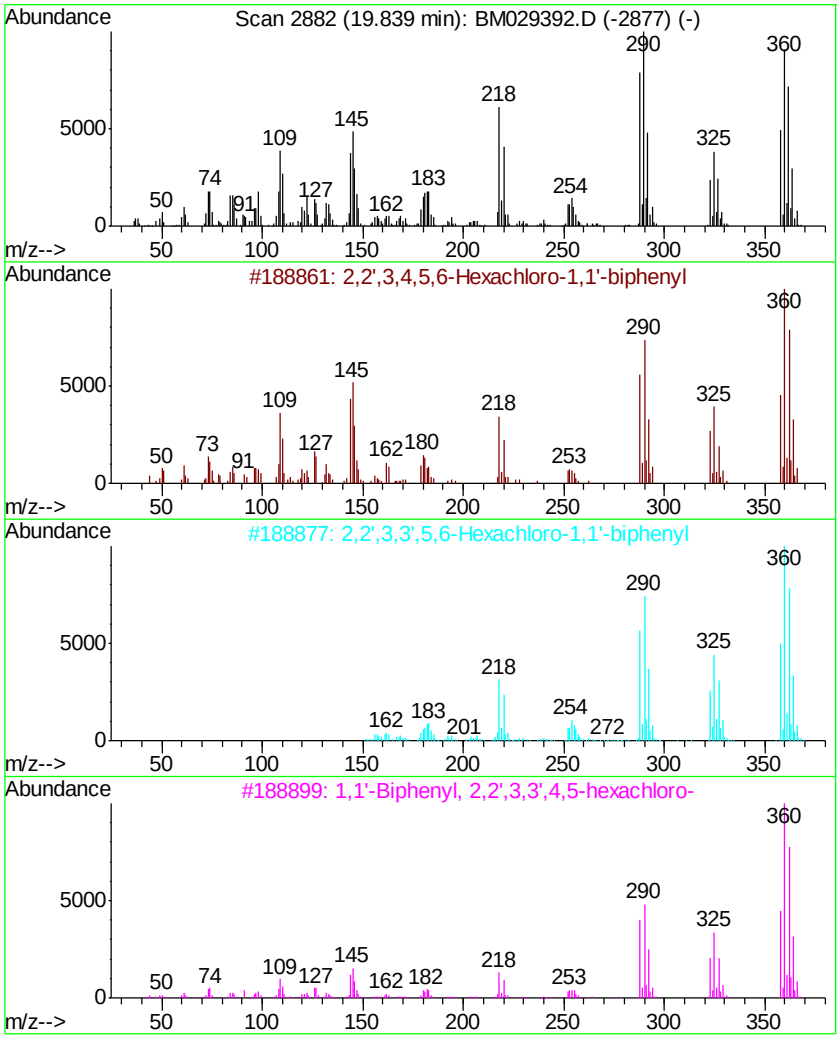
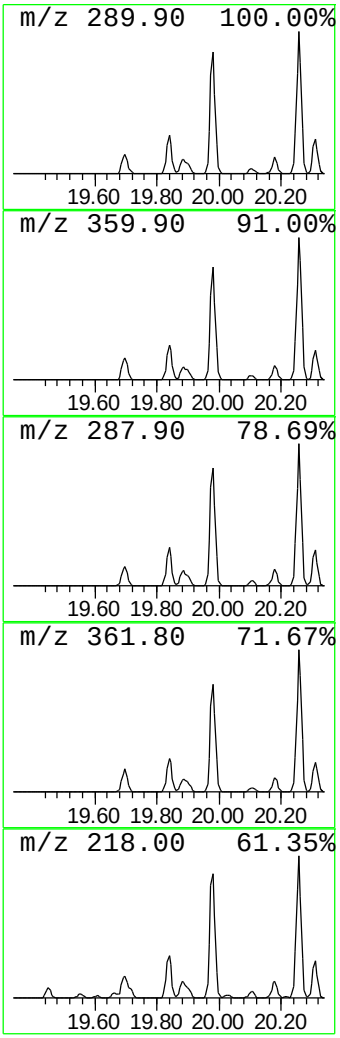
****
Peak Number 7 2,2',3,4,5,6-Hexachloro-1,1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	10.74 ng/ul	568417	Chrysene-d12	21.24

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',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
4	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99





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Operator : CG/JU
Sample : M1957-04
Misc : GCMS CONFIRMATION
ALS Vial : 31 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

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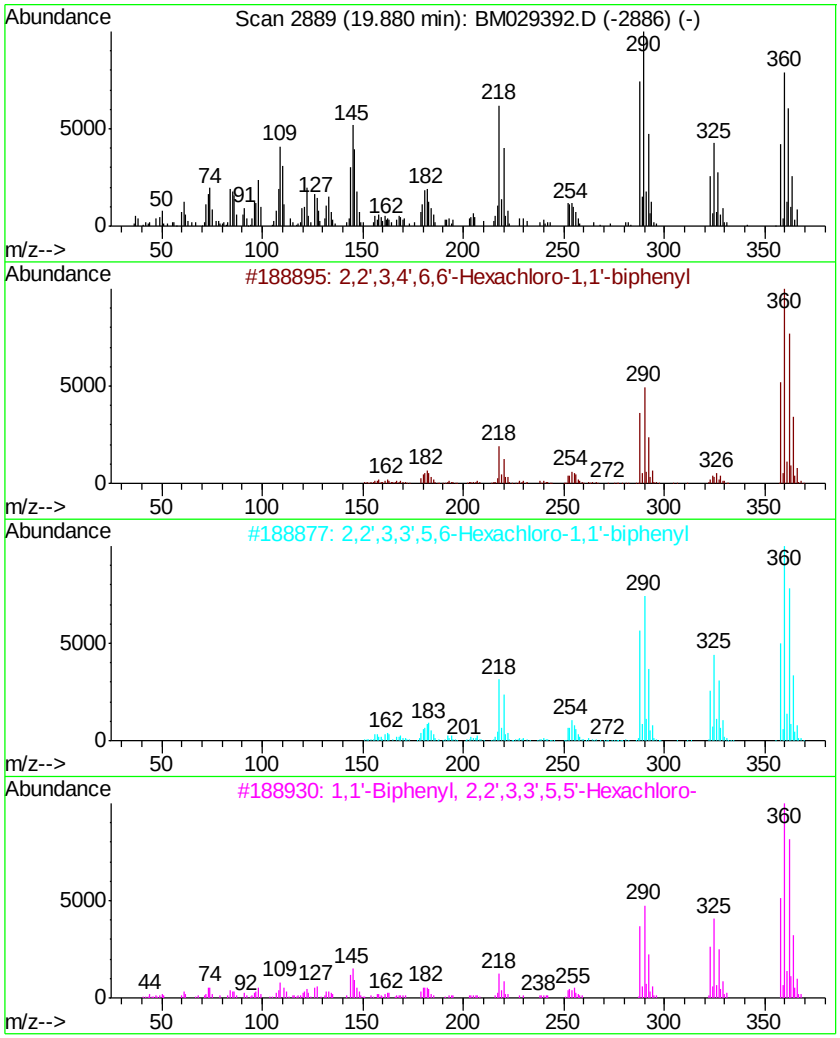
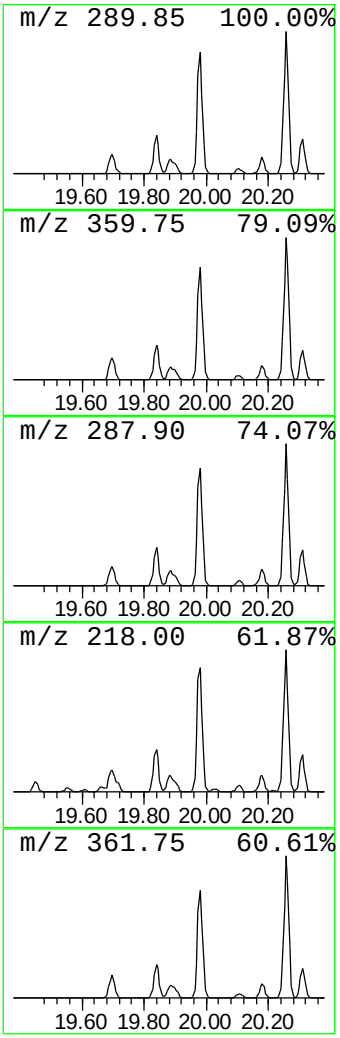
Peak Number 8 2,2',3,4',6,6'-Hexachloro-1... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	6.26 ng/ul	331326	Chrysene-d12	21.24

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	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
3	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
4	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
5	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99





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Sample : M1957-04
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

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Quant Title : SVOA CALIBRATION

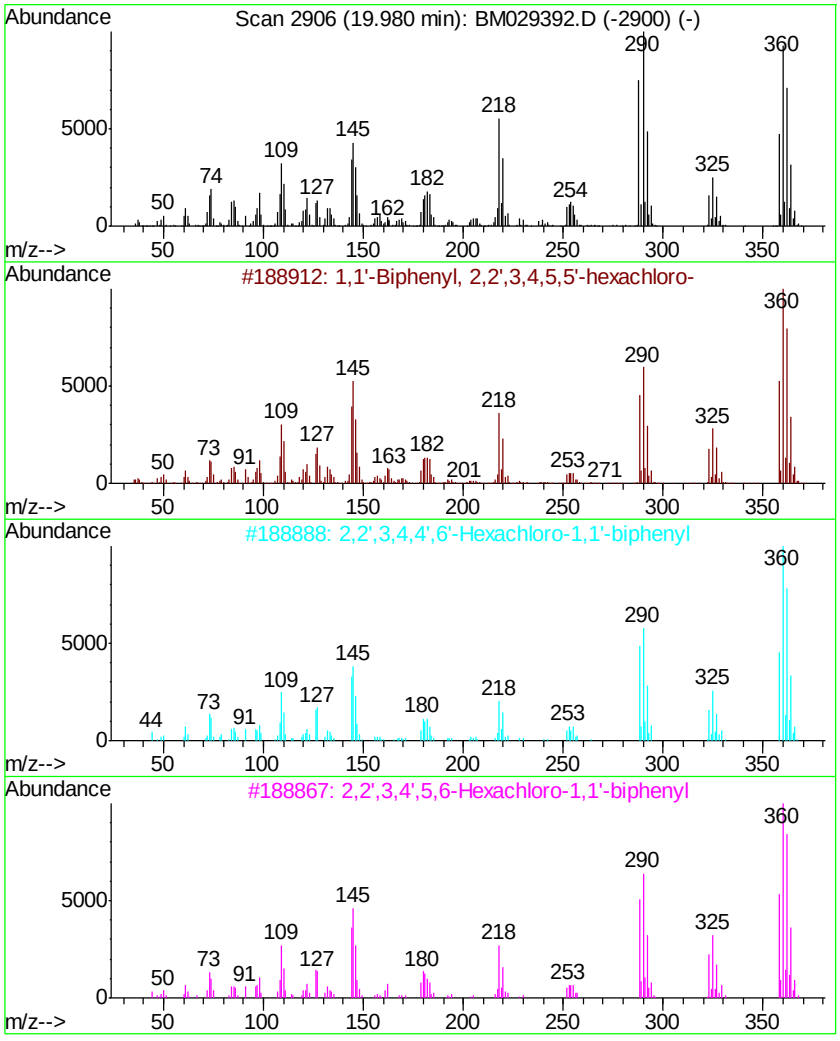
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

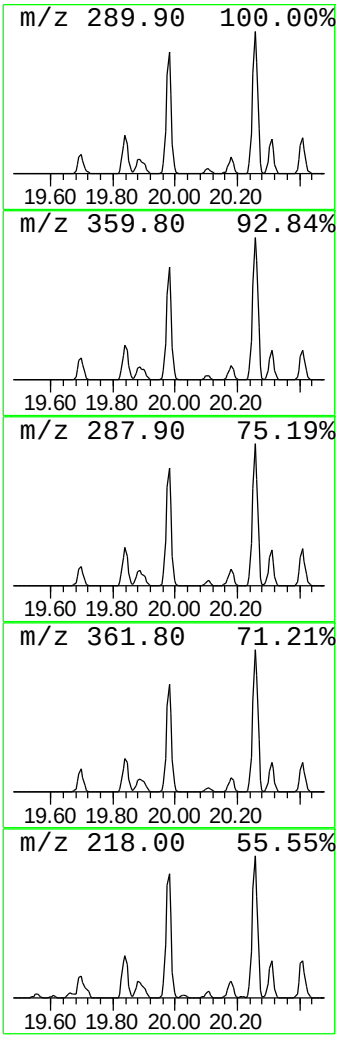
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	31.41 ng/ul	1662580	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
3	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99





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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
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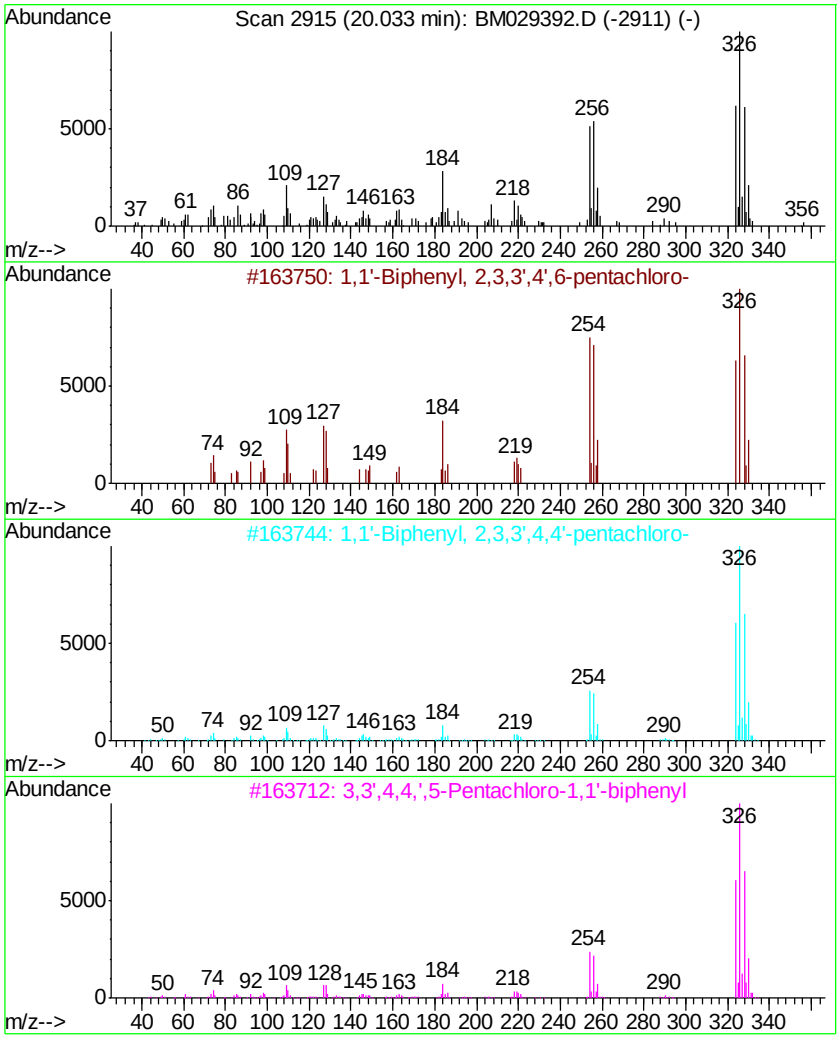
Quant Title : SVOA CALIBRATION

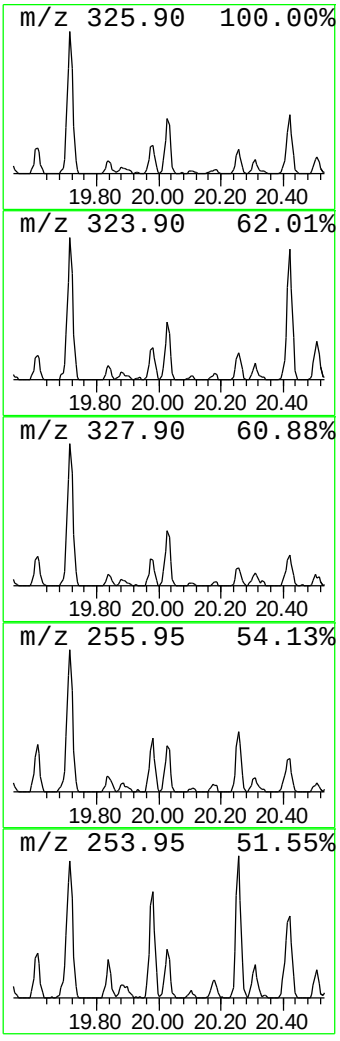
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.08 ng/ul	110015	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
4	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
5	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99





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Sample : M1957-04
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
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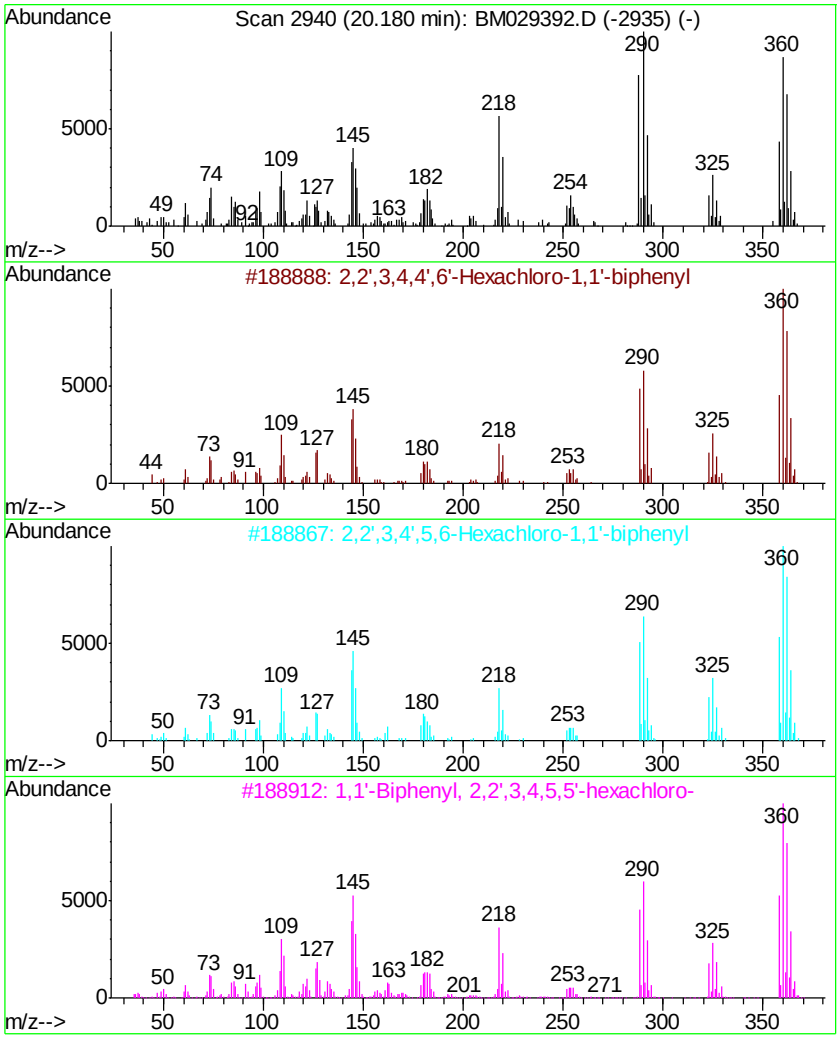
Quant Title : SVOA CALIBRATION

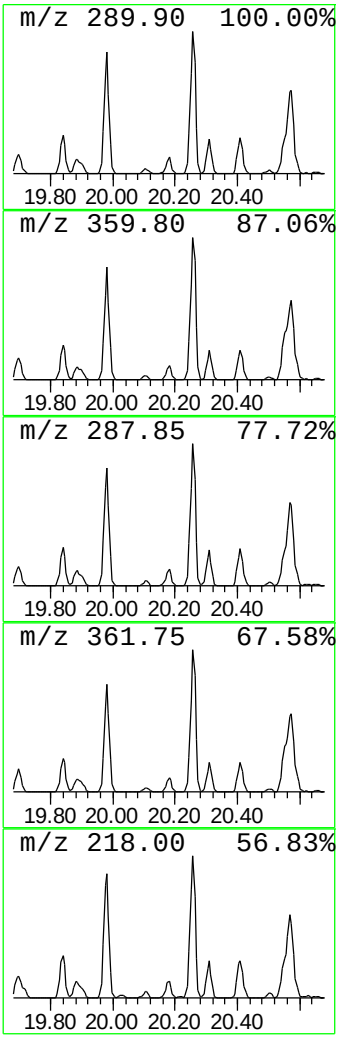
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2,2',3,4',5,6-Hexachloro-1,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.18	4.15 ng/ul	219668	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
2	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
3	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
5	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99





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ClientSampleId : C0B13

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Quant Title : SVOA CALIBRATION

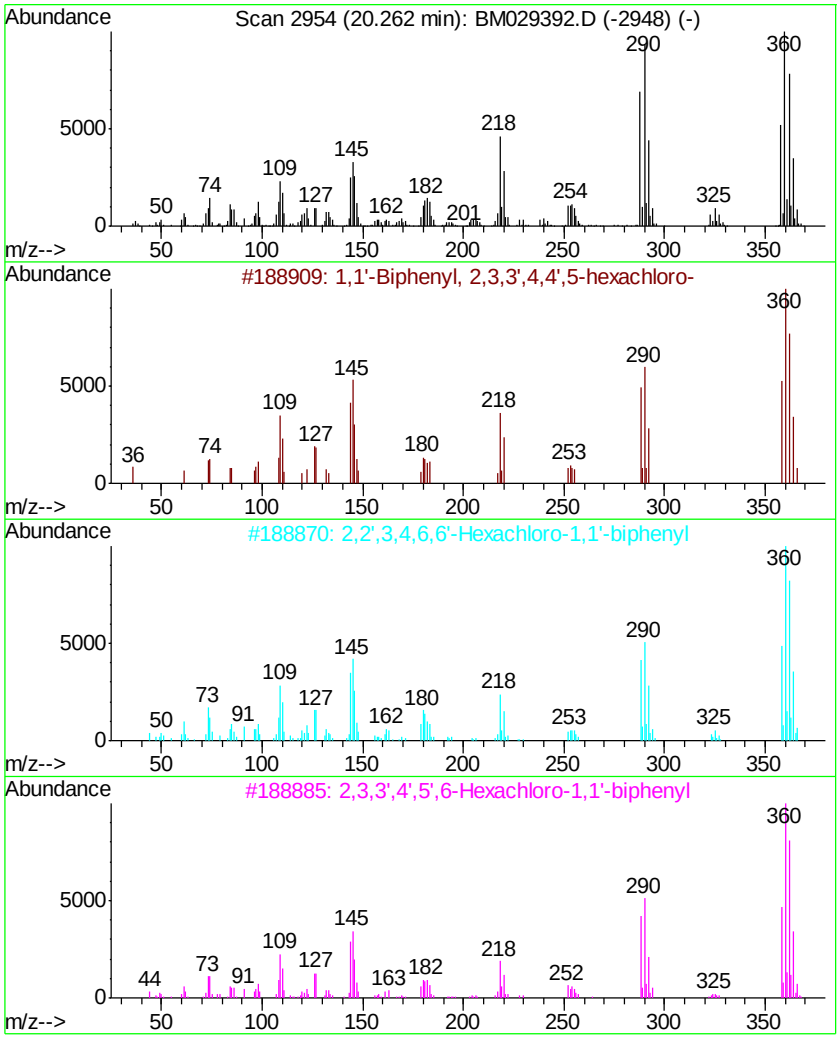
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

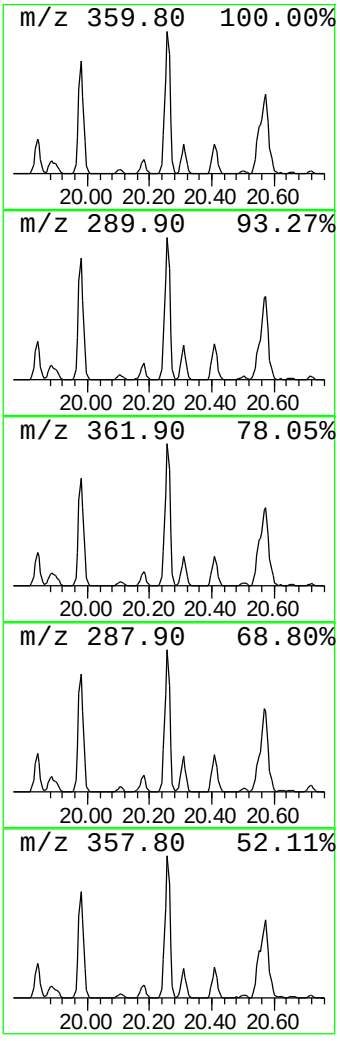
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	35.21 ng/ul	1863320	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
2	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
3	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
4	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99





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Sample : M1957-04
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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

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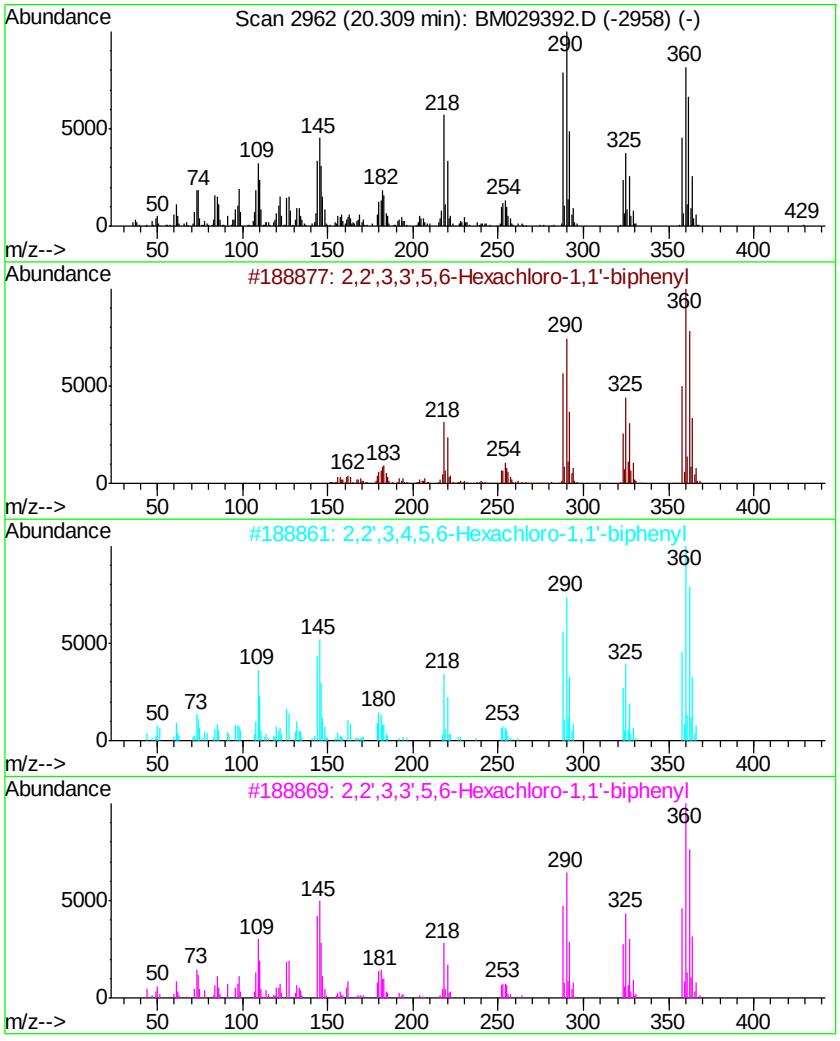
Quant Title : SVOA CALIBRATION

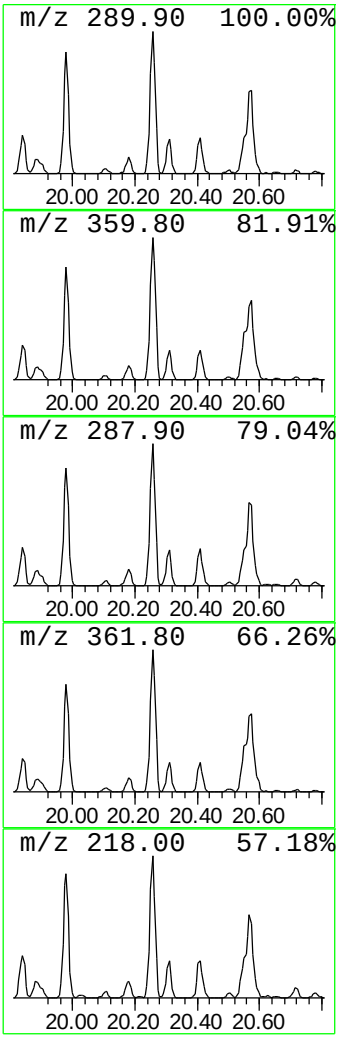
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	9.44 ng/ul	499440	Chrysene-d12	21.24

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',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	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',4,6'-he...	358	C12H4Cl6	038380-05-1	99
5	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99





Library Search Compound Report

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Sample : M1957-04
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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

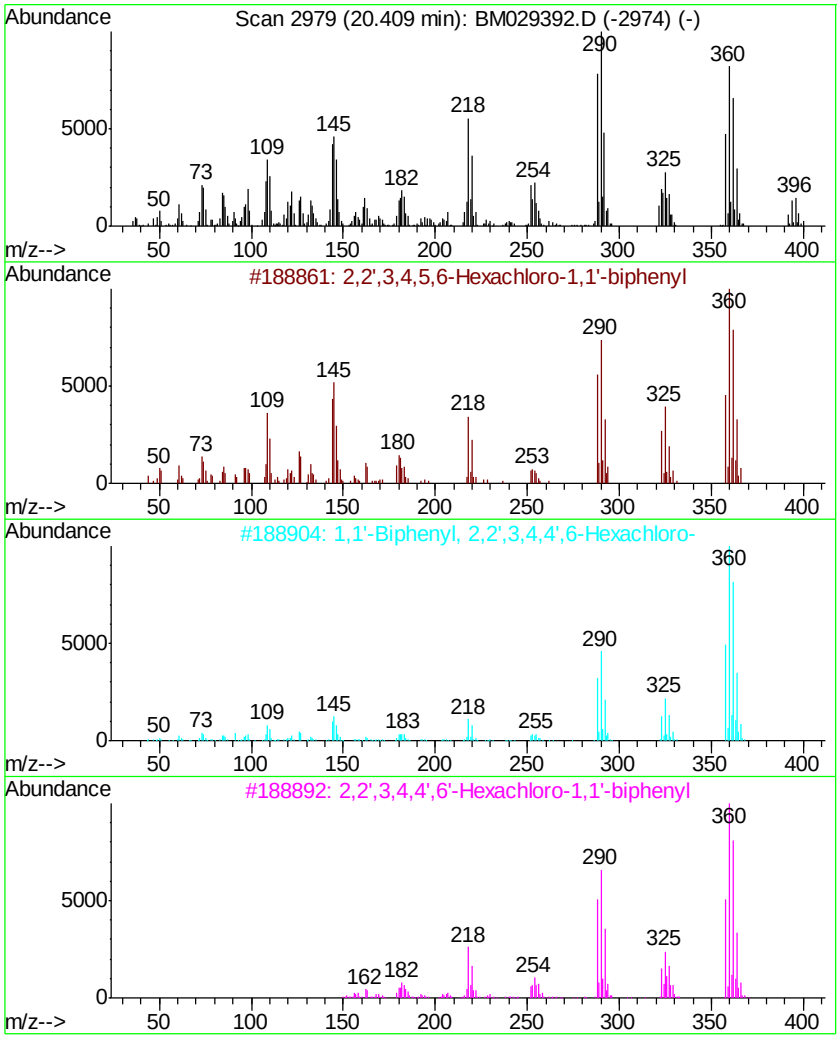
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

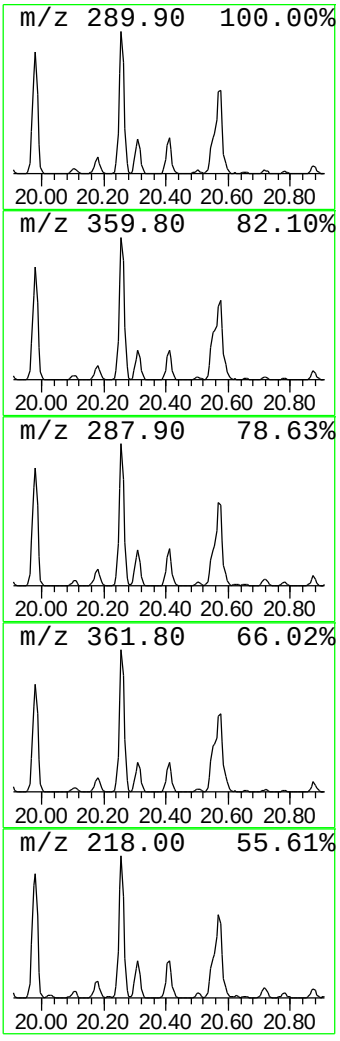
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	15.07 ng/ul	797542	Chrysene-d12	21.24

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	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
3	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
4	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
5	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99





Library Search Compound Report

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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

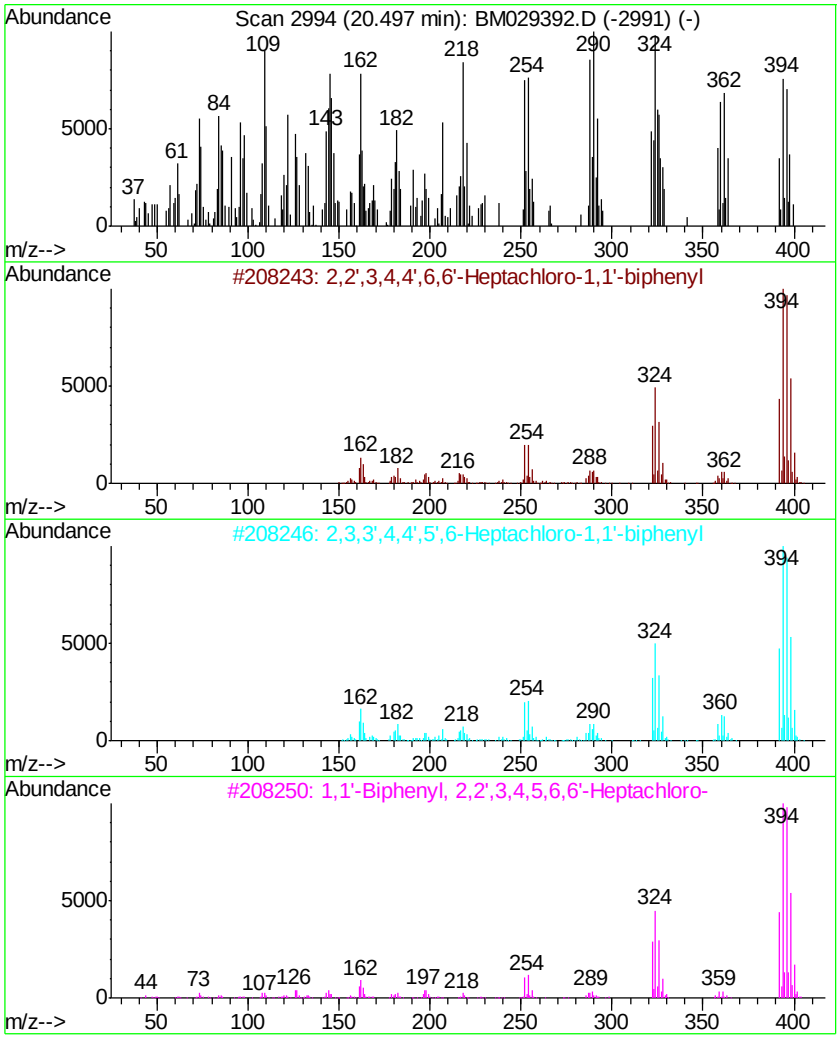
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

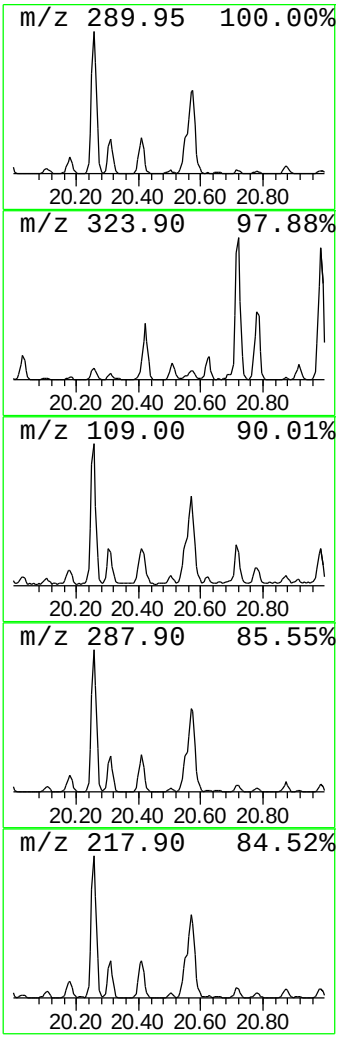
****

Peak Number 15 2,2',3,4,4',6,6'-Heptachlor... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	2.98 ng/ul	157794	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	96
2	2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	96
3	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	95
4	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	95
5	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	94





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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

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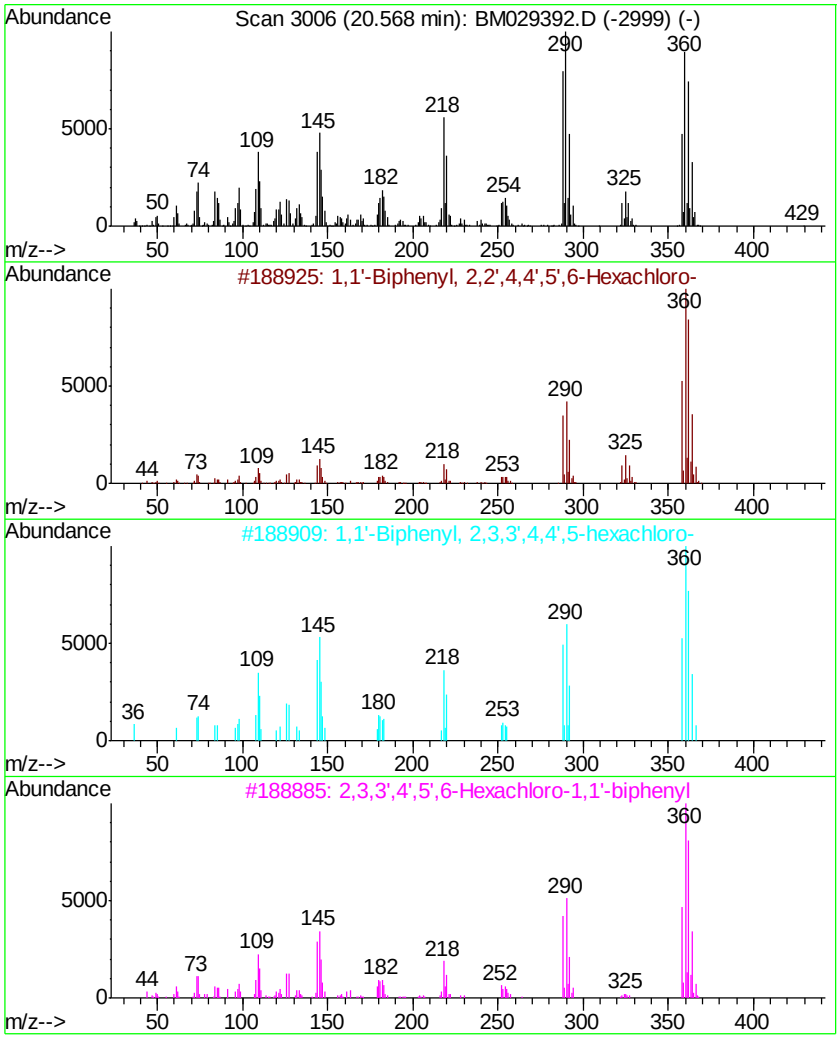
Quant Title : SVOA CALIBRATION

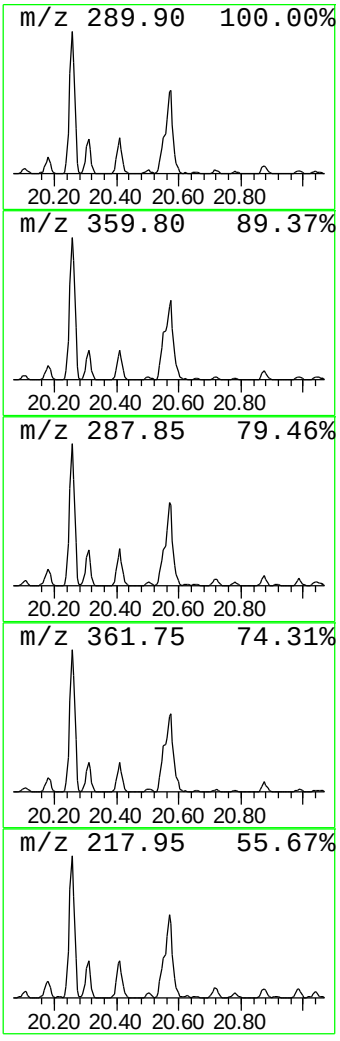
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,2',4,4',5'... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	33.91 ng/ul	1794720	Chrysene-d12	21.24

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, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99





Library Search Compound Report

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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

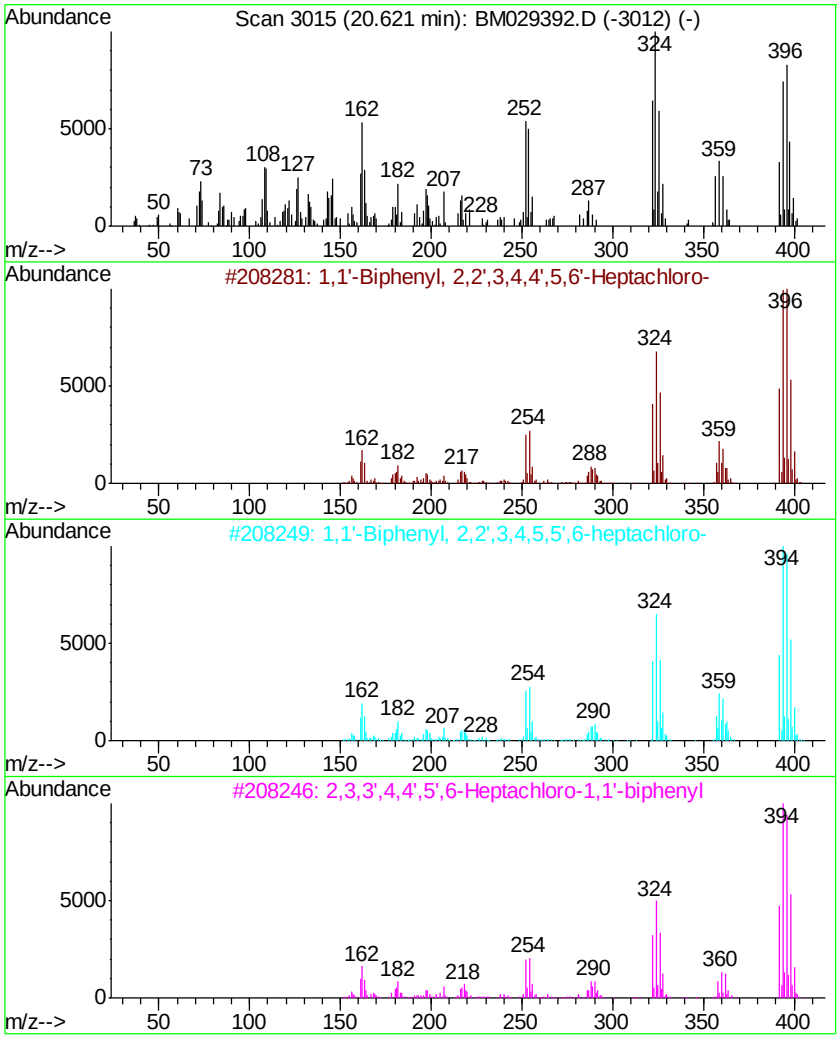
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

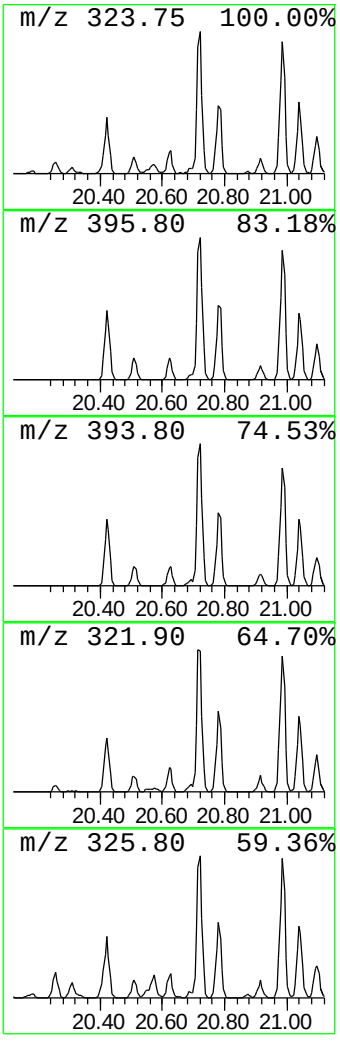
****

Peak Number 17 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	2.17 ng/ul	114907	Chrysene-d12	21.24

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',3,4,5,5',6-h...	392	C12H3Cl7	052712-05-7	99
3	2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	99
4	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
5	1,1'-Biphenyl, 2,2',3,3',4,5',6'...	392	C12H3Cl7	052663-70-4	99





Library Search Compound Report

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Data File : BM029392.D
Acq On : 08 Apr 2021 04:06
Operator : CG/JU
Sample : M1957-04
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

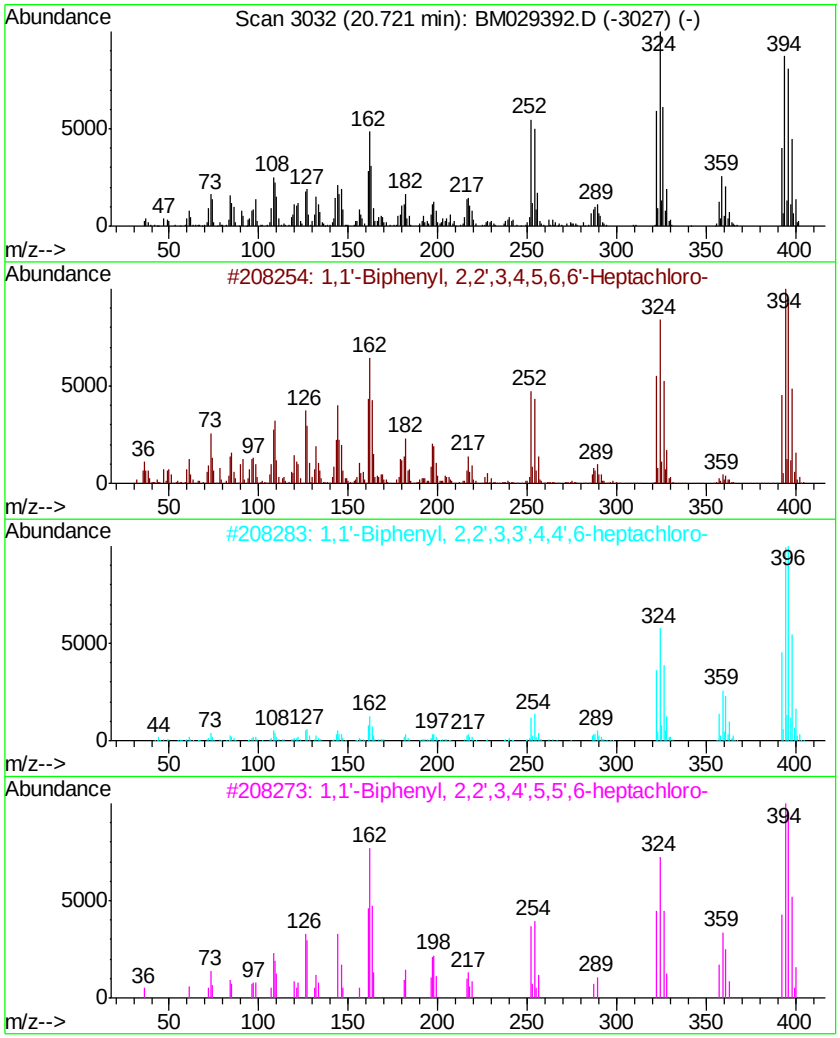
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

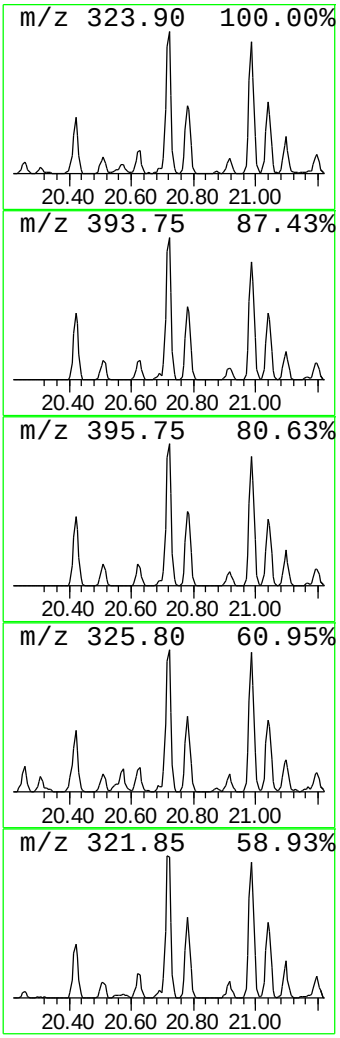
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	14.76 ng/ul	781022	Chrysene-d12	21.24

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',4,4',6-...	392	C12H3Cl7	052663-71-5	99
3	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
4	1,1'-Biphenyl, 2,2',3,3',4,5,6'-...	392	C12H3Cl7	038411-25-5	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99





Library Search Compound Report

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Operator : CG/JU
Sample : M1957-04
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

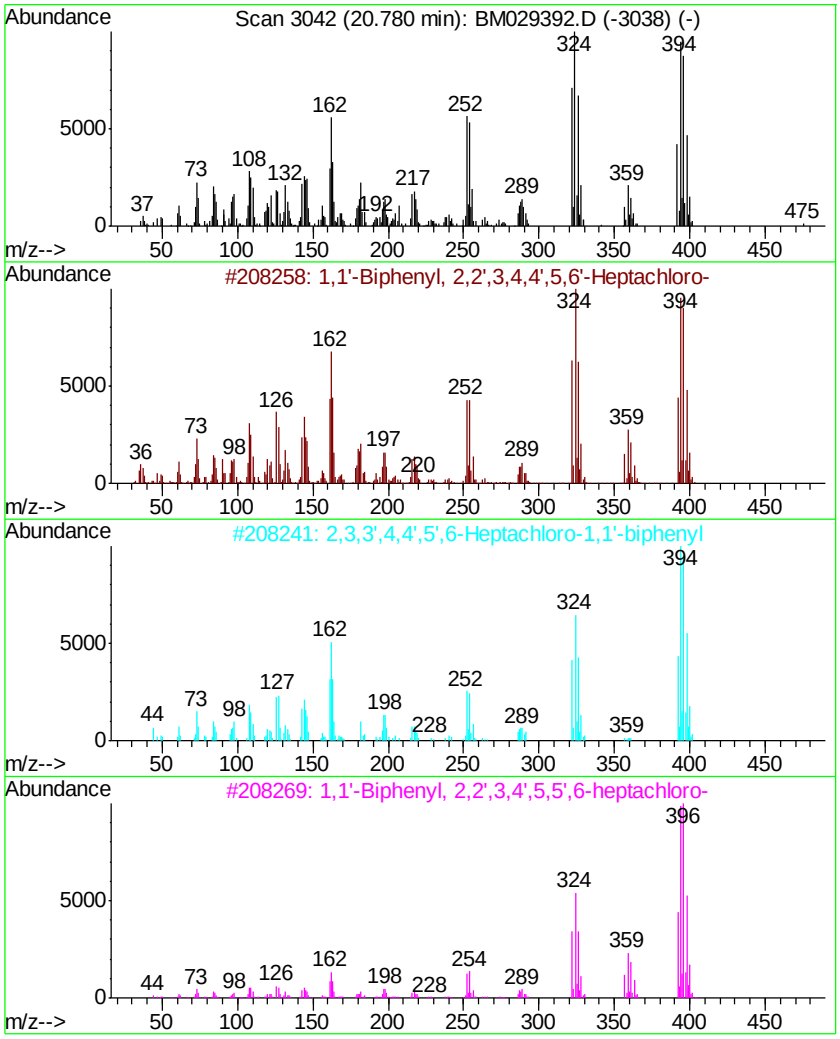
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

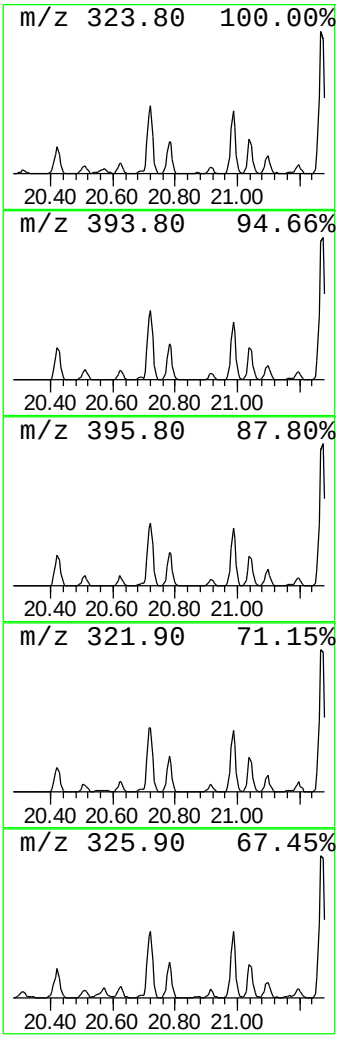
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2,3,3',4,4',5',6-Heptachlor... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	7.48 ng/ul	396130	Chrysene-d12	21.24

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	2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	99
3	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
4	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99





Library Search Compound Report

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Operator : CG/JU
Sample : M1957-04
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

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Quant Title : SVOA CALIBRATION

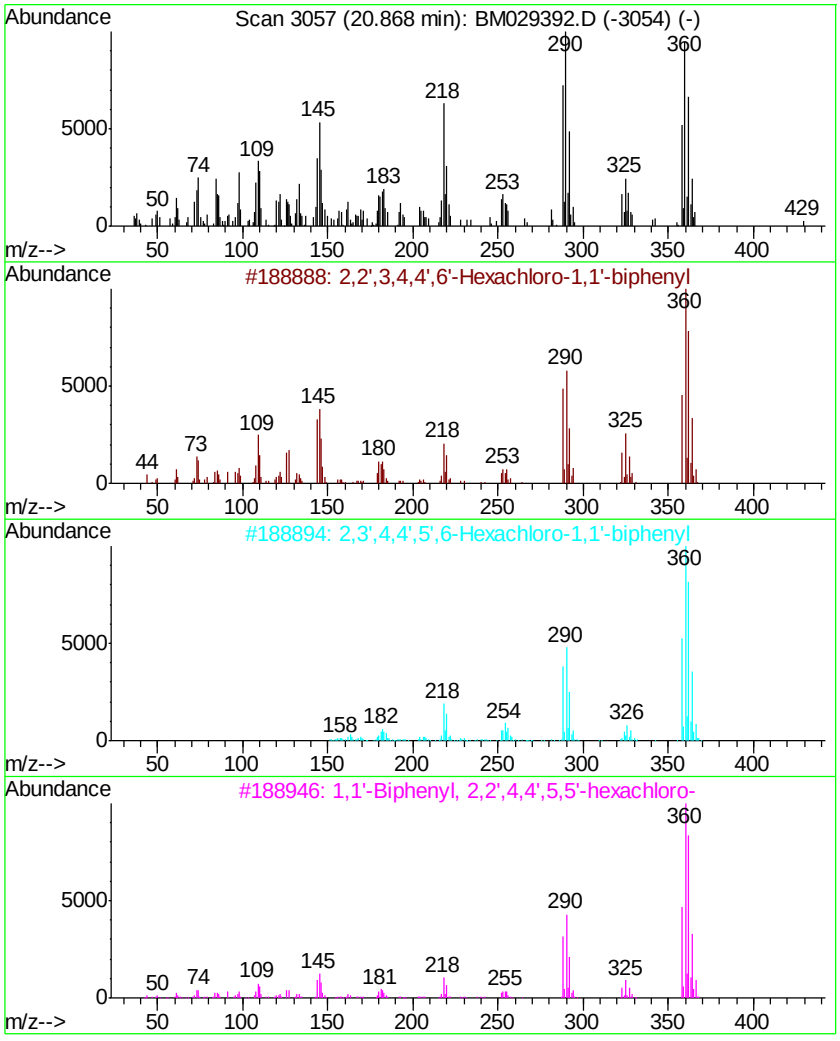
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

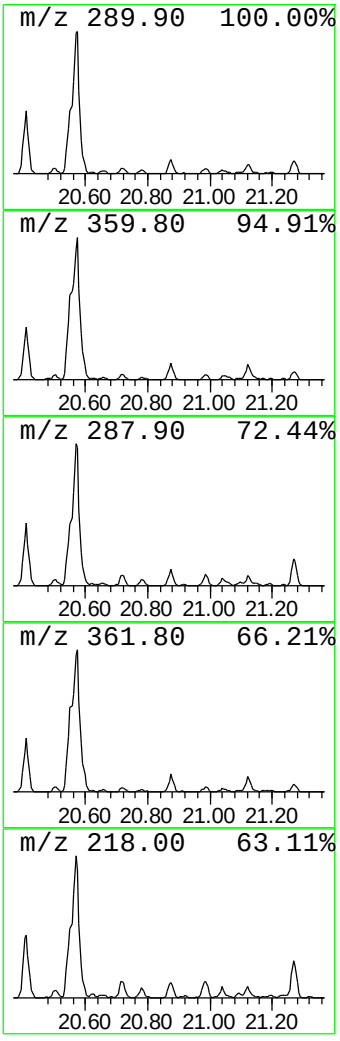
****

Peak Number 20 2,2',3,4,4',6'-Hexachloro-1... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.65 ng/ul	139991	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
2	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99





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Data File : BM029392.D
Acq On : 08 Apr 2021 04:06
Operator : CG/JU
Sample : M1957-04
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

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Quant Title : SVOA CALIBRATION

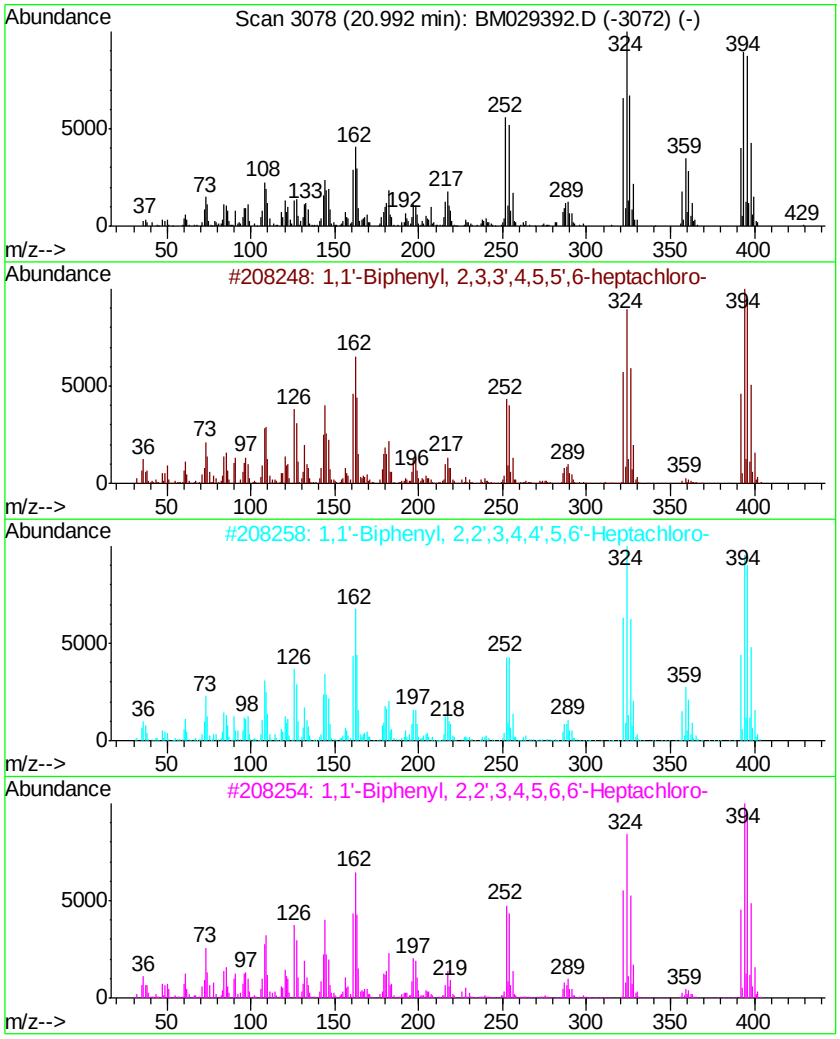
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

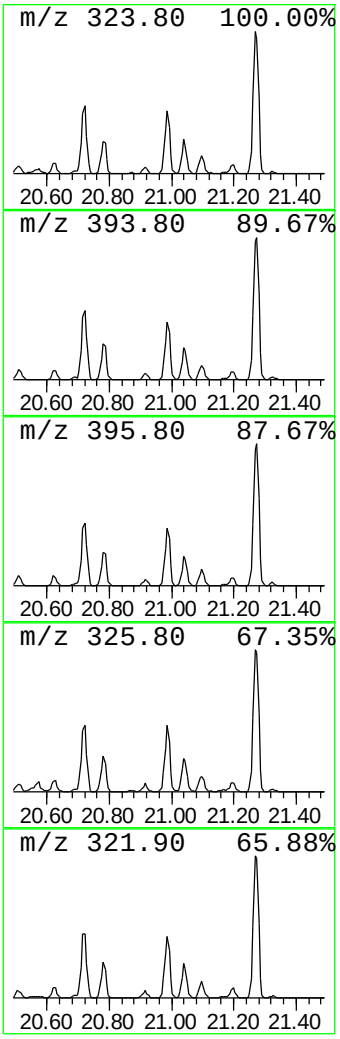
****

Peak Number 21 1,1'-Biphenyl, 2,3,3',4,5,5... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	14.03 ng/ul	742342	Chrysene-d12	21.24

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',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
3	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
4	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99





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Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

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Quant Title : SVOA CALIBRATION

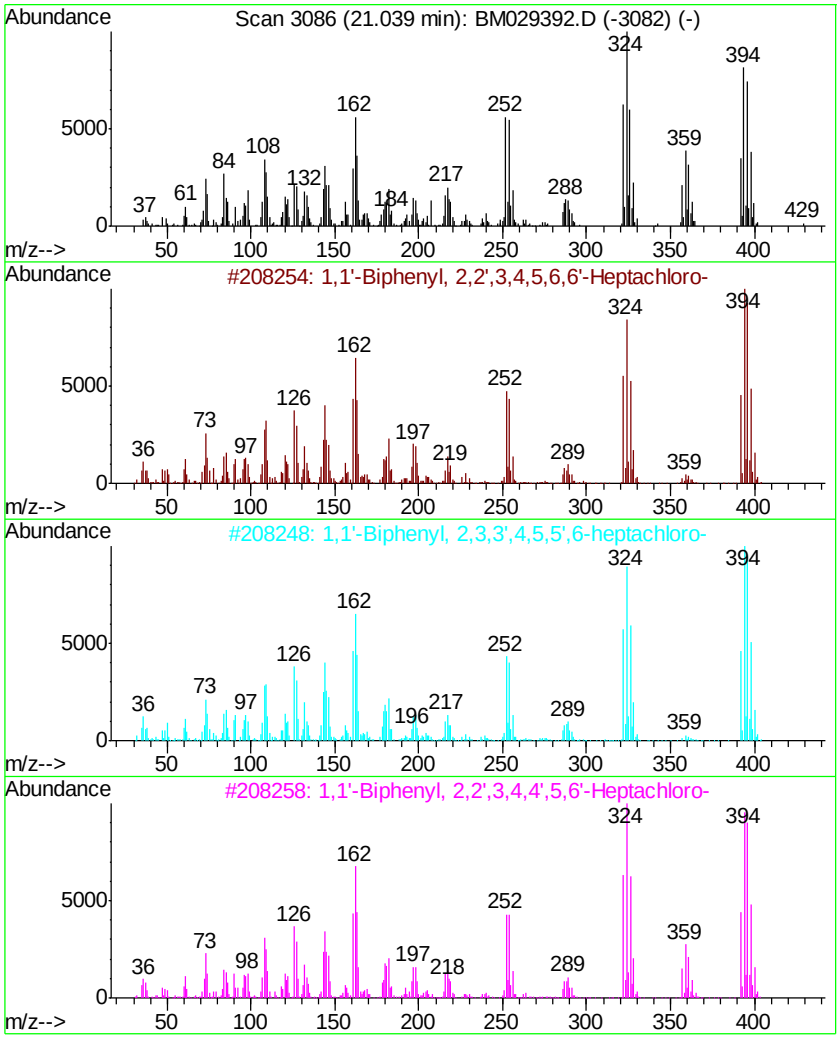
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

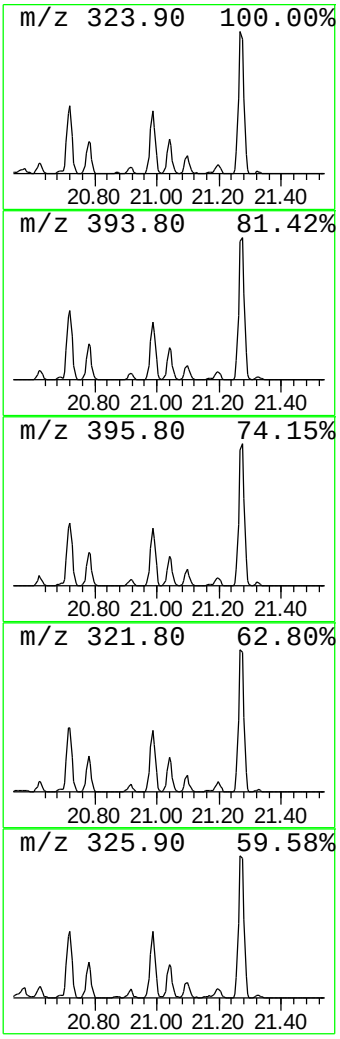
****

Peak Number 22 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	8.28 ng/ul	438077	Chrysene-d12	21.24

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	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
5	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99





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Acq On : 08 Apr 2021 04:06
Operator : CG/JU
Sample : M1957-04
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

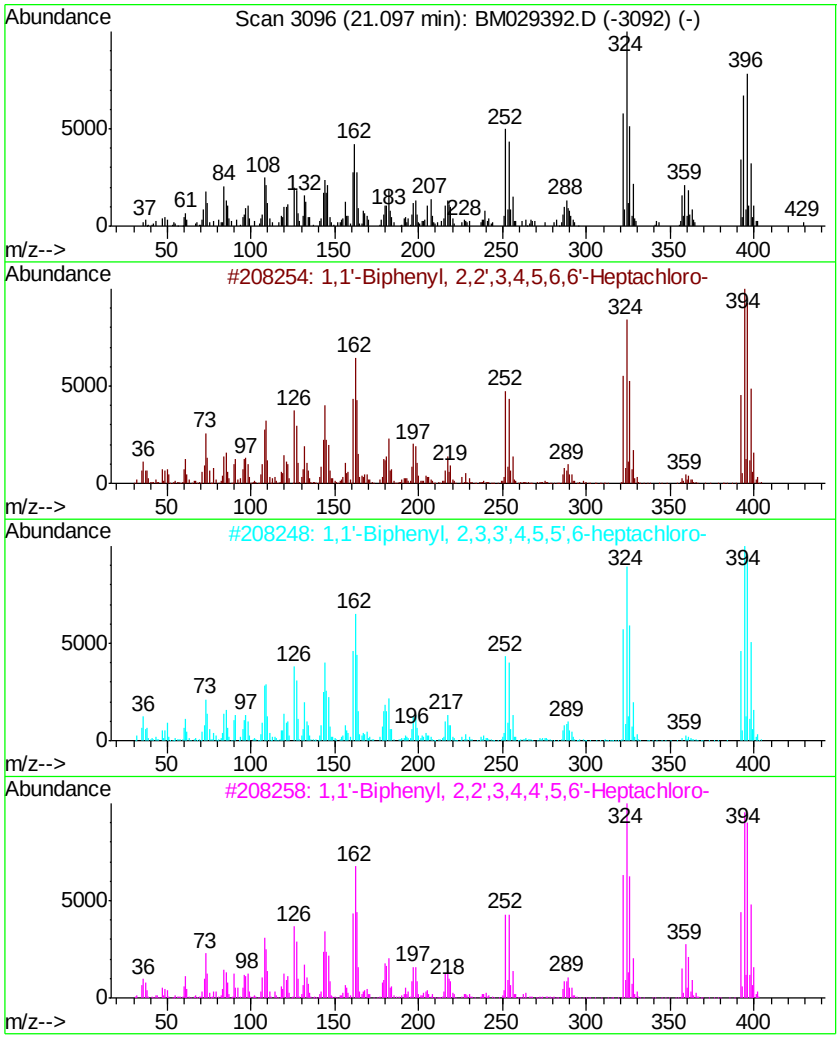
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

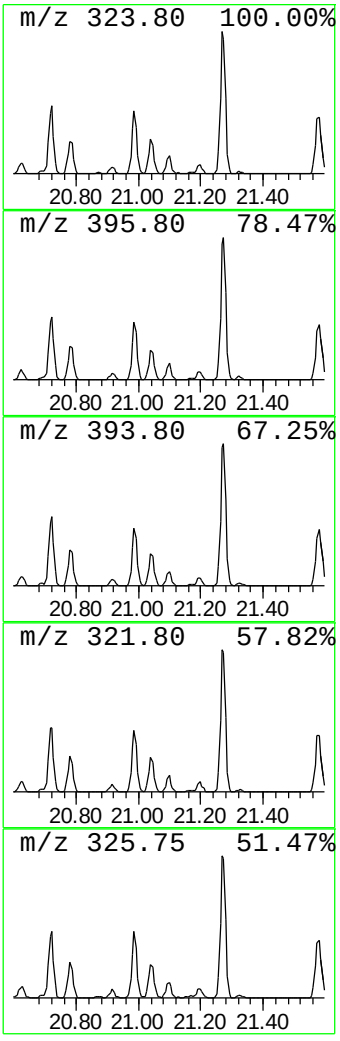
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	3.54 ng/ul	187314	Chrysene-d12	21.24

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	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
4	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
5	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99





Library Search Compound Report

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Operator : CG/JU
Sample : M1957-04
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

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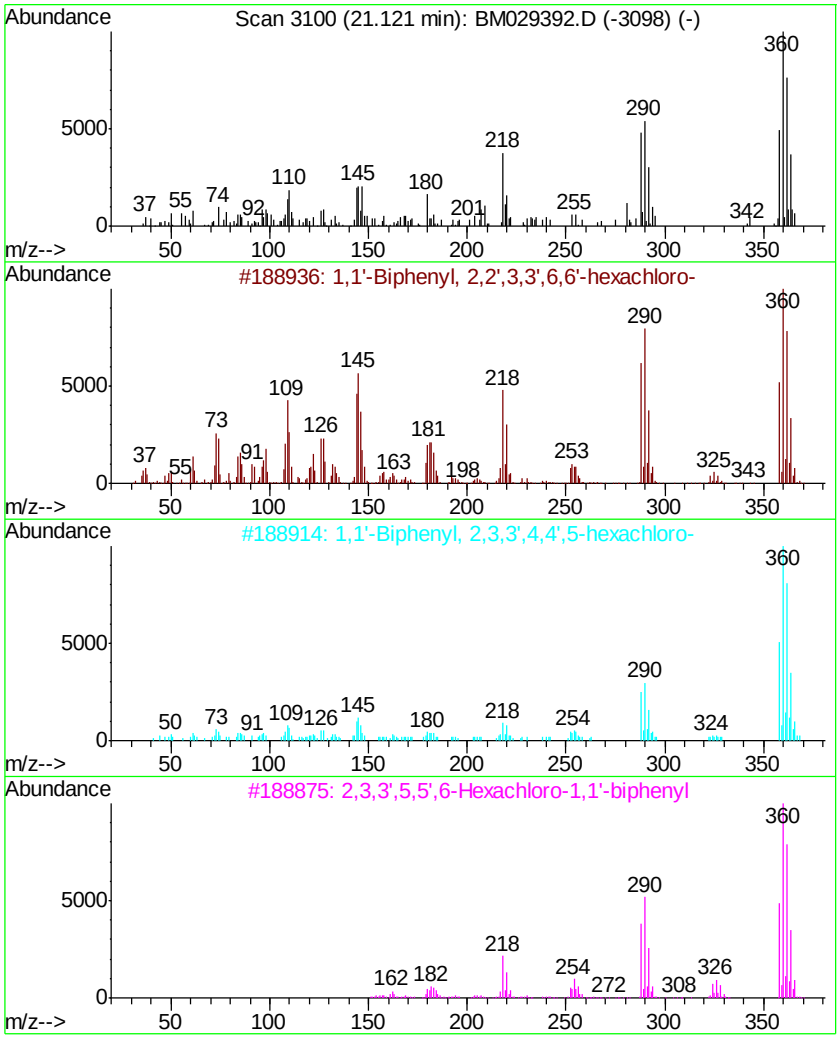
Quant Title : SVOA CALIBRATION

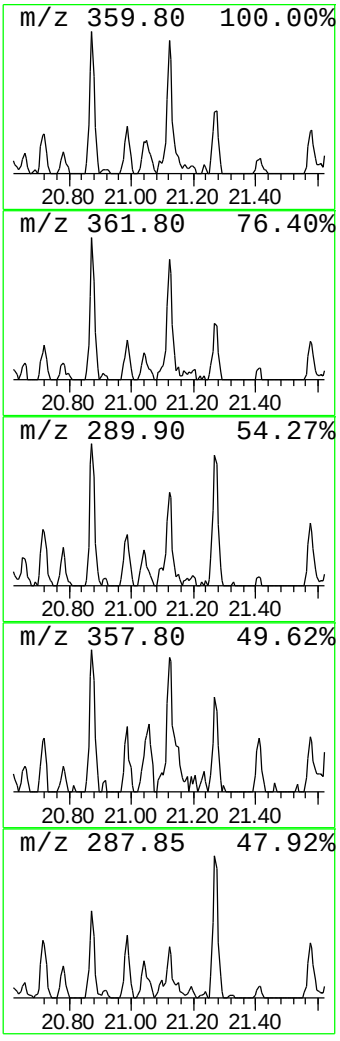
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1,1'-Biphenyl, 2,2',3,3',6,... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	2.19 ng/ul	116160	Chrysene-d12	21.24

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	96
2	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	96
3	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	95
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	95
5	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	95





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Sample : M1957-04
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

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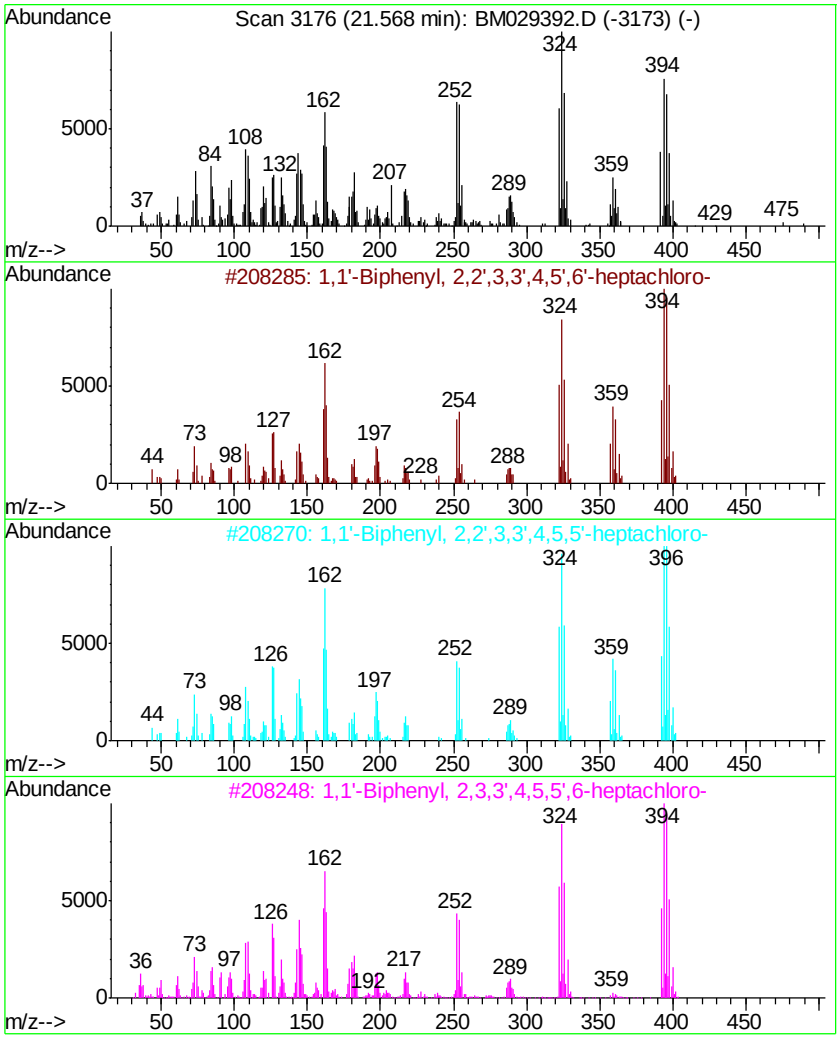
Quant Title : SVOA CALIBRATION

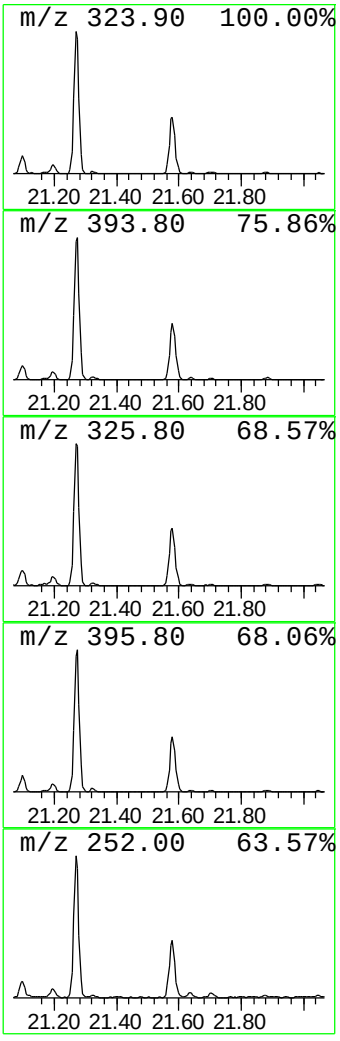
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	14.85 ng/ul	785731	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5',6'...	392	C12H3Cl7	052663-70-4	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,5'-...	392	C12H3Cl7	052663-74-8	99
3	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99





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Operator : CG/JU
Sample : M1957-04
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

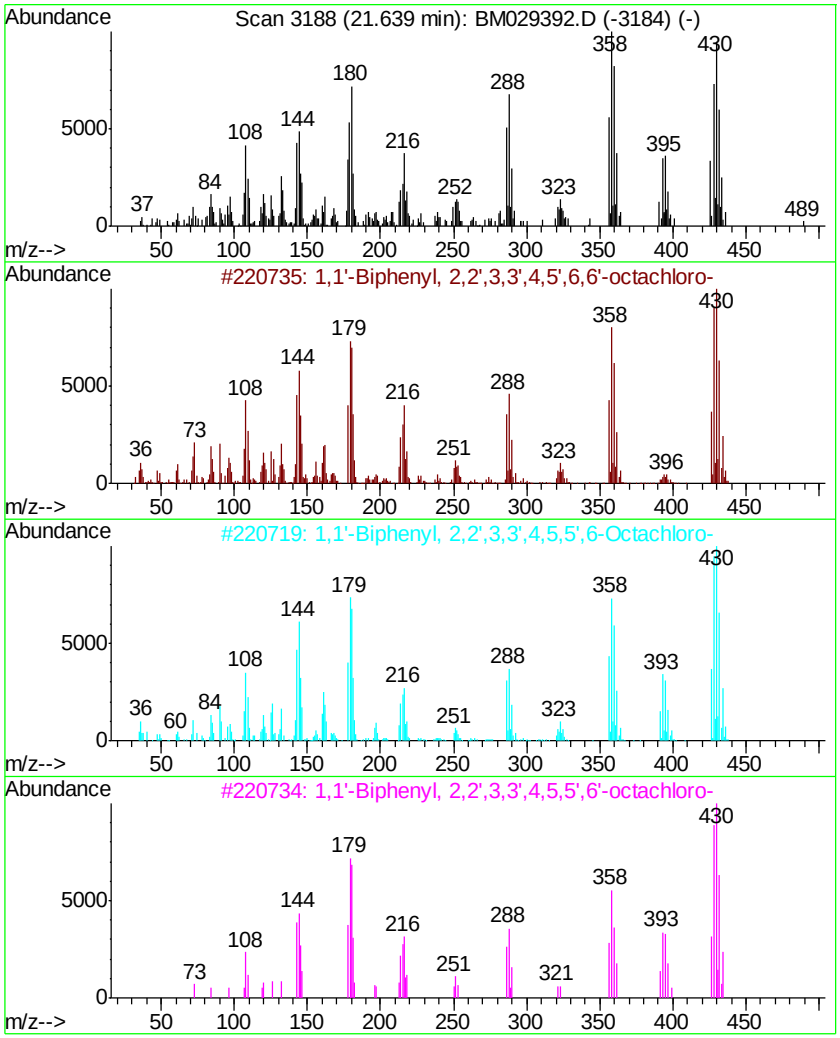
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

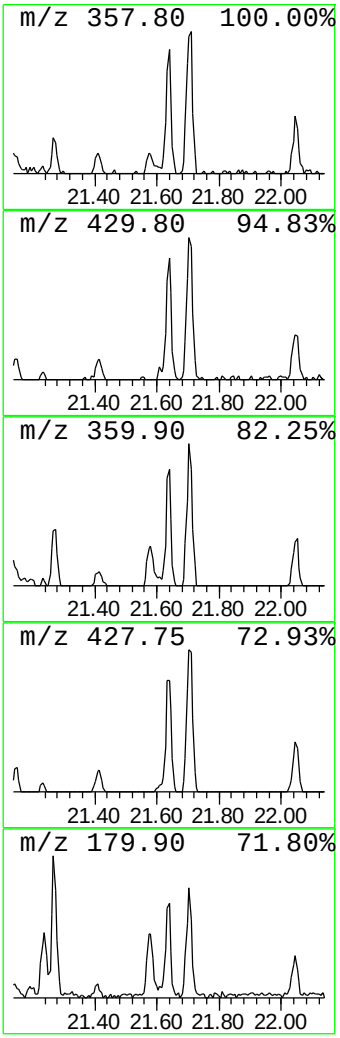
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	4.49 ng/ul	237798	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5',6,...	426	C12H2Cl8	040186-71-8	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	99
3	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99





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Instrument : BNA_M
ClientSampleId : C0B13

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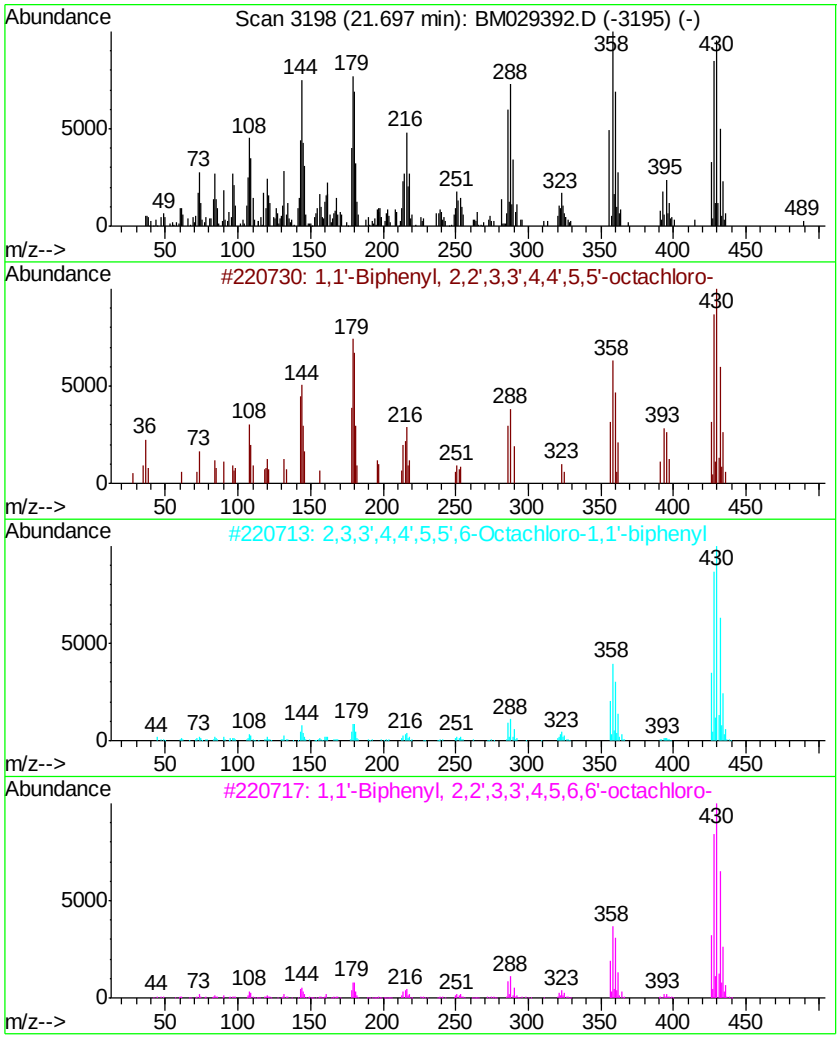
Quant Title : SVOA CALIBRATION

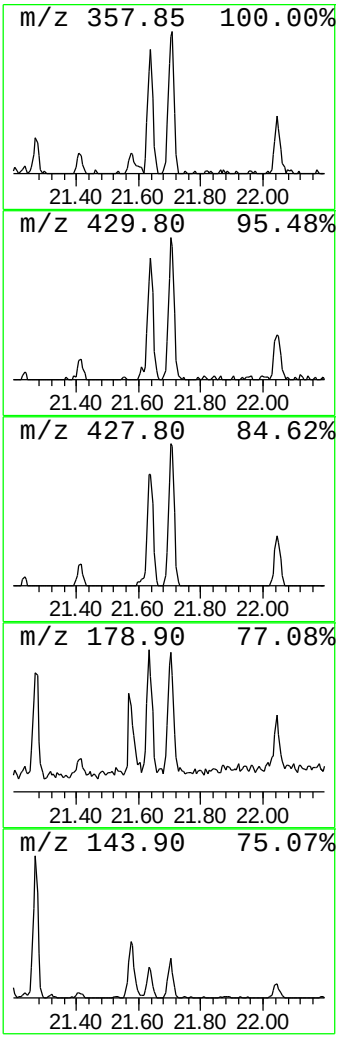
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	5.54 ng/ul	293195	Chrysene-d12	21.24

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	2,3,3',4,4',5,5',6-Octachloro-1,...	426	C12H2Cl8	074472-53-0	99
3	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99
5	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99





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Data File : BM029392.D
Acq On : 08 Apr 2021 04:06
Operator : CG/JU
Sample : M1957-04
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B13

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

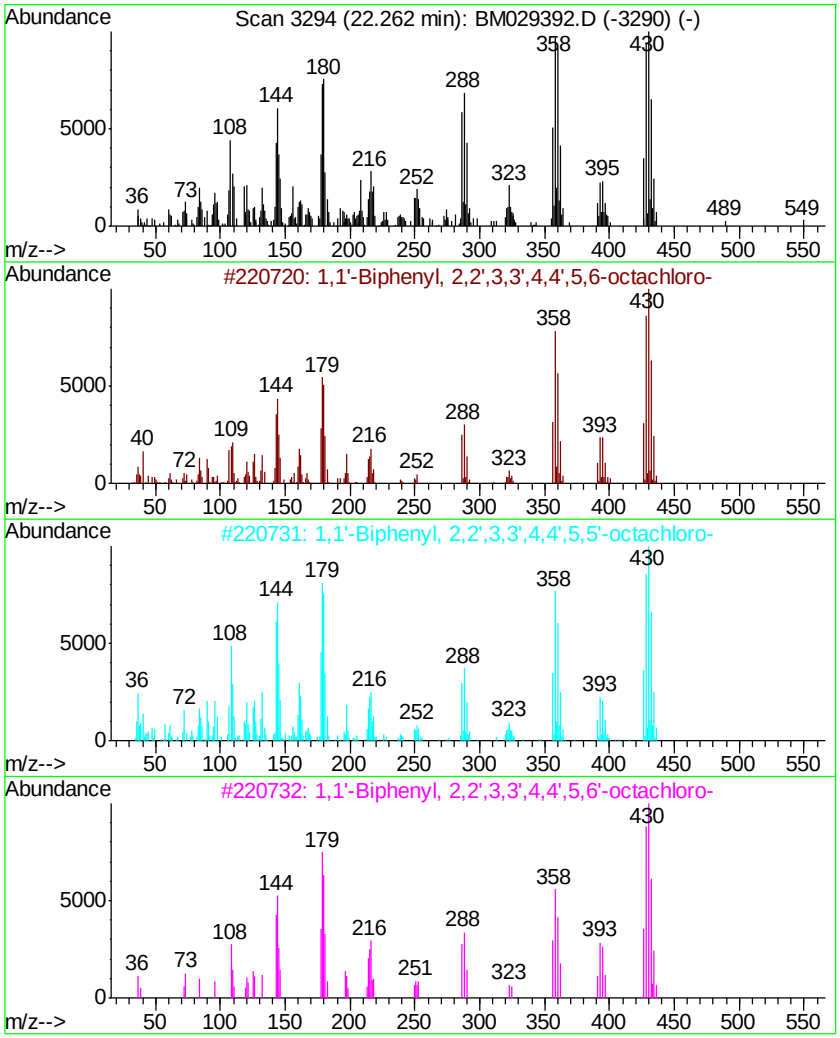
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

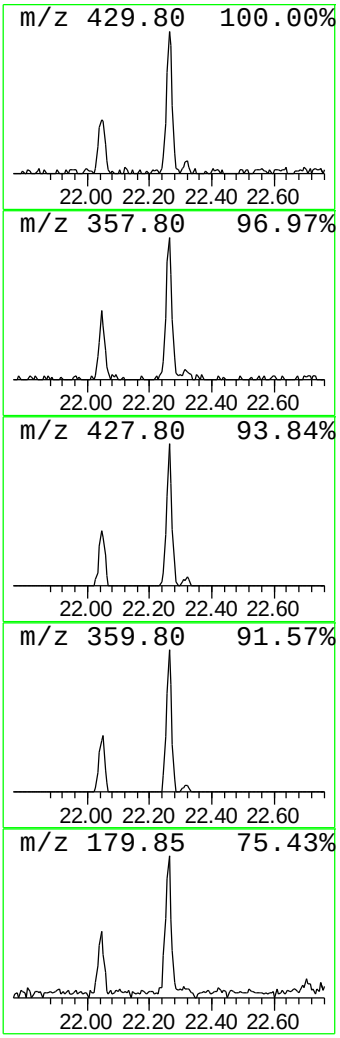
****

Peak Number 28 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	4.33 ng/ul	229294	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	98
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	042740-50-1	97
4	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	95
5	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040721\
Data File : BM029392.D
Acq On : 08 Apr 2021 04:06
Operator : CG/JU
Sample : M1957-04
Misc : GCMS CONFIRMATION
ALS Vial : 31 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: Cyc...	2.95	3.9	ng/ul	145582	1	7.69	745581	20.0
(DEL) Alkane: Str...	3.12	70.3	ng/ul	2619790	1	7.69	745581	20.0
(DEL) Alkane: Cyc...	3.45	2.3	ng/ul	87380	1	7.69	745581	20.0
1,1'-Biphenyl, 2,...	18.99	8.9	ng/ul	575297	4	17.06	1287090	20.0
1,1'-Biphenyl, 2,...	19.27	13.8	ng/ul	730875	5	21.24	1058530	20.0
2,2',3,4,6,6'-Hex...	19.70	6.0	ng/ul	318447	5	21.24	1058530	20.0
2,2',3,4,5,6-Hexa...	19.84	10.7	ng/ul	568417	5	21.24	1058530	20.0
2,2',3,4',6,6'-He...	19.88	6.3	ng/ul	331326	5	21.24	1058530	20.0
1,1'-Biphenyl, 2,...	19.98	31.4	ng/ul	1662580	5	21.24	1058530	20.0
1,1'-Biphenyl, 2,...	20.03	2.1	ng/ul	110015	5	21.24	1058530	20.0
2,2',3,4',5,6-Hex...	20.18	4.2	ng/ul	219668	5	21.24	1058530	20.0
1,1'-Biphenyl, 2,...	20.26	35.2	ng/ul	1863320	5	21.24	1058530	20.0
2,2',3,3',5,6-Hex...	20.31	9.4	ng/ul	499440	5	21.24	1058530	20.0
1,1'-Biphenyl, 2,...	20.41	15.1	ng/ul	797542	5	21.24	1058530	20.0
2,2',3,4,4',6,6'-...	20.50	3.0	ng/ul	157794	5	21.24	1058530	20.0
1,1'-Biphenyl, 2,...	20.57	33.9	ng/ul	1794720	5	21.24	1058530	20.0
1,1'-Biphenyl, 2,...	20.62	2.2	ng/ul	114907	5	21.24	1058530	20.0
1,1'-Biphenyl, 2,...	20.72	14.8	ng/ul	781022	5	21.24	1058530	20.0
2,3,3',4,4',5',6-...	20.78	7.5	ng/ul	396130	5	21.24	1058530	20.0
2,2',3,4,4',6'-He...	20.87	2.6	ng/ul	139991	5	21.24	1058530	20.0
1,1'-Biphenyl, 2,...	20.99	14.0	ng/ul	742342	5	21.24	1058530	20.0
unknown-01	21.04	8.3	ng/ul	438077	5	21.24	1058530	20.0
1,1'-Biphenyl, 2,...	21.10	3.5	ng/ul	187314	5	21.24	1058530	20.0
1,1'-Biphenyl, 2,...	21.12	2.2	ng/ul	116160	5	21.24	1058530	20.0
1,1'-Biphenyl, 2,...	21.57	14.9	ng/ul	785731	5	21.24	1058530	20.0
1,1'-Biphenyl, 2,...	21.64	4.5	ng/ul	237798	5	21.24	1058530	20.0
1,1'-Biphenyl, 2,...	21.70	5.5	ng/ul	293195	5	21.24	1058530	20.0
1,1'-Biphenyl, 2,...	22.26	4.3	ng/ul	229294	5	21.24	1058530	20.0