LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029504.D
Acq On : 15 Apr 2021 15:36
Operator : CG/JU
Sample : M1960-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B50

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	2.934	6	8	16	rVB	124921	145224	6.06%	0.753%
2	3.016	18	22	25	rVV	39065	43101	1.80%	0.223%
3	3.046	25	27	28	rVV	17244	15311	0.64%	0.079%
4	3.069	28	31	33	rVV	26530	28197	1.18%	0.146%
5	3.105	33	37	49	rVB	2462034	2397654	100.00%	12.426%
6	3.410	85	89	90	rBV3	7585	9035	0.38%	0.047%
7	3.434	90	93	101	rVB	69553	84775	3.54%	0.439%
8	3.522	105	108	112	rVB2	4951	5876	0.25%	0.030%
9	3.810	154	157	162	rVV6	4512	6483	0.27%	0.034%
10	3.875	165	168	169	rBV3	2253	2482	0.10%	0.013%
11	3.905	169	173	177	rVB2	16653	22410	0.93%	0.116%
12	4.440	261	264	271	rVB5	6292	9456	0.39%	0.049%
13	4.799	323	325	328	rBV4	2435	3032	0.13%	0.016%
14	4.846	330	333	336	rVB3	2750	3692	0.15%	0.019%
15	4.946	346	350	356	rVB5	1853	2832	0.12%	0.015%
16	5.334	412	416	419	rBV5	2716	3384	0.14%	0.018%
17	5.710	477	480	483	rBV3	2281	2833	0.12%	0.015%
18	6.904	678	683	687	rBV5	1582	2639	0.11%	0.014%
19	7.304	747	751	758	rVB6	3235	7331	0.31%	0.038%
20	7.675	807	814	826	rBV	524331	832757	34.73%	4.316%
21	8.310	920	922	926	rBV4	1896	2609	0.11%	0.014%
22	8.904	1019	1023	1027	rVB4	2901	3711	0.15%	0.019%
23	10.322	1259	1264	1269	rBV2	8038	11122	0.46%	0.058%
24	10.457	1279	1287	1294	rBV	653765	1111272	46.35%	5.759%
25	11.498	1458	1464	1466	rBV5	1786	2710	0.11%	0.014%
26	12.128	1565	1571	1577	rVB5	3016	6576	0.27%	0.034%
27	13.151	1741	1745	1750	rVB4	4402	5581	0.23%	0.029%
28	13.633	1824	1827	1832	rBV6	1870	2415	0.10%	0.013%
29	14.227	1924	1928	1932	rBV5	3547	5070	0.21%	0.026%
30	14.316	1936	1943	1953	rBV	928726	1366028	56.97%	7.079%
31	14.716	2007	2011	2019	rBV2	3789	7525	0.31%	0.039%
32	14.986	2051	2057	2062	rBV8	2208	3528	0.15%	0.018%
33	15.186	2087	2091	2093	rBV4	3555	4445	0.19%	0.023%
34	15.257	2100	2103	2106	rBV4	2278	3233	0.13%	0.017%

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ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B50

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Title : SVOA CALIBRATION

35	15.363	2118	2121	2127	rBV5	6948	12606	0.53%	0.065%
36	15.580	2152	2158	2163	rBV9	4798	11113	0.46%	0.058%
37	15.663	2169	2172	2173	rBV3	2732	2545	0.11%	0.013%
38	15.780	2190	2192	2194	rBV3	3468	3822	0.16%	0.020%
39	15.957	2220	2222	2223	rBV2	2644	2531	0.11%	0.013%
40	16.592	2326	2330	2334	rVB	35220	46841	1.95%	0.243%
41	16.792	2360	2364	2366	rBV4	7356	12394	0.52%	0.064%
42	16.874	2376	2378	2382	rBV5	7595	8568	0.36%	0.044%
43	17.057	2403	2409	2413	rBV	1035887	1457364	60.78%	7.553%
44	17.098	2413	2416	2422	rVB	118428	174330	7.27%	0.903%
45	17.239	2435	2440	2445	rBV	89301	129853	5.42%	0.673%
46	17.662	2506	2512	2518	rBV	318067	450034	18.77%	2.332%
47	17.774	2527	2531	2537	rVB5	49069	73908	3.08%	0.383%
48	17.851	2541	2544	2547	rBV4	17878	21370	0.89%	0.111%
49	17.904	2549	2553	2559	rVV2	112926	178287	7.44%	0.924%
50	17.962	2559	2563	2569	rVB3	60762	107353	4.48%	0.556%
51	18.127	2586	2591	2595	rBV	223862	305092	12.72%	1.581%
52	18.186	2597	2601	2605	rVV	148942	194796	8.12%	1.010%
53	18.233	2605	2609	2613	rVV	82603	100285	4.18%	0.520%
54	18.415	2635	2640	2645	rBV2	182016	281815	11.75%	1.460%
55	18.462	2645	2648	2652	rVB	74851	94075	3.92%	0.488%
56	18.557	2660	2664	2666	rBV2	61678	78121	3.26%	0.405%
57	18.592	2666	2670	2675	rVB	146317	197052	8.22%	1.021%
58	18.686	2683	2686	2691	rVB4	40036	51518	2.15%	0.267%
59	18.898	2718	2722	2727	rBV	128508	171563	7.16%	0.889%
60	18.951	2727	2731	2732	rVV3	56582	67115	2.80%	0.348%
61	18.986	2732	2737	2744	rVB3	313898	507642	21.17%	2.631%
62	19.115	2754	2759	2765	rBV	108475	156353	6.52%	0.810%
63	19.198	2768	2773	2780	rVV2	123898	287321	11.98%	1.489%
64	19.262	2780	2784	2790	rVV2	244495	333358	13.90%	1.728%
65	19.327	2792	2795	2798	rVB4	41969	48525	2.02%	0.251%
66	19.392	2803	2806	2810	rVB	113591	131404	5.48%	0.681%
67	19.474	2818	2820	2823	rVB3	28210	25802	1.08%	0.134%
68	19.521	2824	2828	2834	rVV7	42619	71716	2.99%	0.372%
69	19.604	2838	2842	2847	rVB5	63485	78740	3.28%	0.408%
70	19.709	2853	2860	2864	rBV2	150022	260535	10.87%	1.350%
71	19.833	2877	2881	2885	rBV	123335	163552	6.82%	0.848%

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72	19.874	2886	2888	2894	rVB6	53354	83751	3.49%	0.434%
73	19.968	2900	2904	2909	rBV	389087	508551	21.21%	2.636%
74	20.021	2909	2913	2920	rVB2	101425	147502	6.15%	0.764%
75	20.174	2936	2939	2942	rVB4	58437	70974	2.96%	0.368%
76	20.251	2947	2952	2957	rBV	514199	630172	26.28%	3.266%
77	20.303	2957	2961	2964	rBV2	131746	187237	7.81%	0.970%
78	20.403	2974	2978	2982	rBV3	146009	229553	9.57%	1.190%
79	20.439	2982	2984	2988	rVB	88189	86011	3.59%	0.446%
80	20.503	2992	2995	2998	rVB	76040	84299	3.52%	0.437%
81	20.562	2998	3005	3011	rBV	338171	608225	25.37%	3.152%
82	20.709	3027	3030	3036	rVB	211606	256492	10.70%	1.329%
83	20.774	3038	3041	3046	rVB3	111721	128348	5.35%	0.665%
84	20.980	3071	3076	3081	rVB3	193153	273477	11.41%	1.417%
85	21.033	3082	3085	3091	rVB5	101769	123075	5.13%	0.638%
86	21.092	3092	3095	3097	rBV3	52087	58518	2.44%	0.303%
87	21.233	3114	3119	3122	rBV	1029433	1260185	52.56%	6.531%
88	21.262	3122	3124	3131	rVB2	461154	565378	23.58%	2.930%
89	21.398	3145	3147	3151	rVB2	74963	72289	3.01%	0.375%
90	21.574	3173	3177	3183	rBV4	179870	250891	10.46%	1.300%
91	21.698	3195	3198	3203	rVB6	75335	86597	3.61%	0.449%
92	23.439	3489	3494	3503	rVB2	606389	1120698	46.74%	5.808%

Sum of corrected areas: 19295851

LSC Report - Integrated Chromatogram

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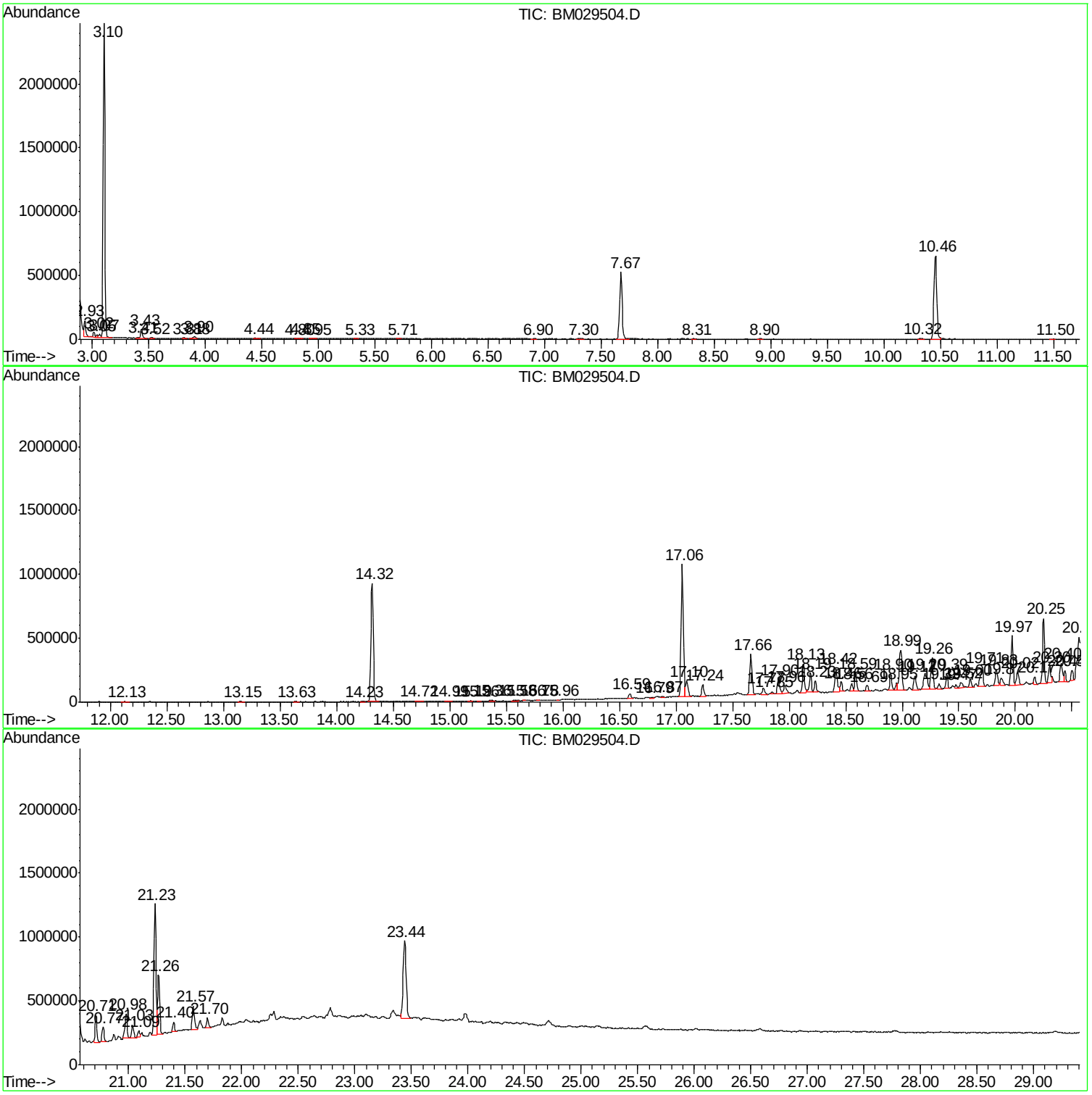
Instrument : BNA_M
ClientSampleId : C0B50

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\
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Quant Title : SVOA CALIBRATION

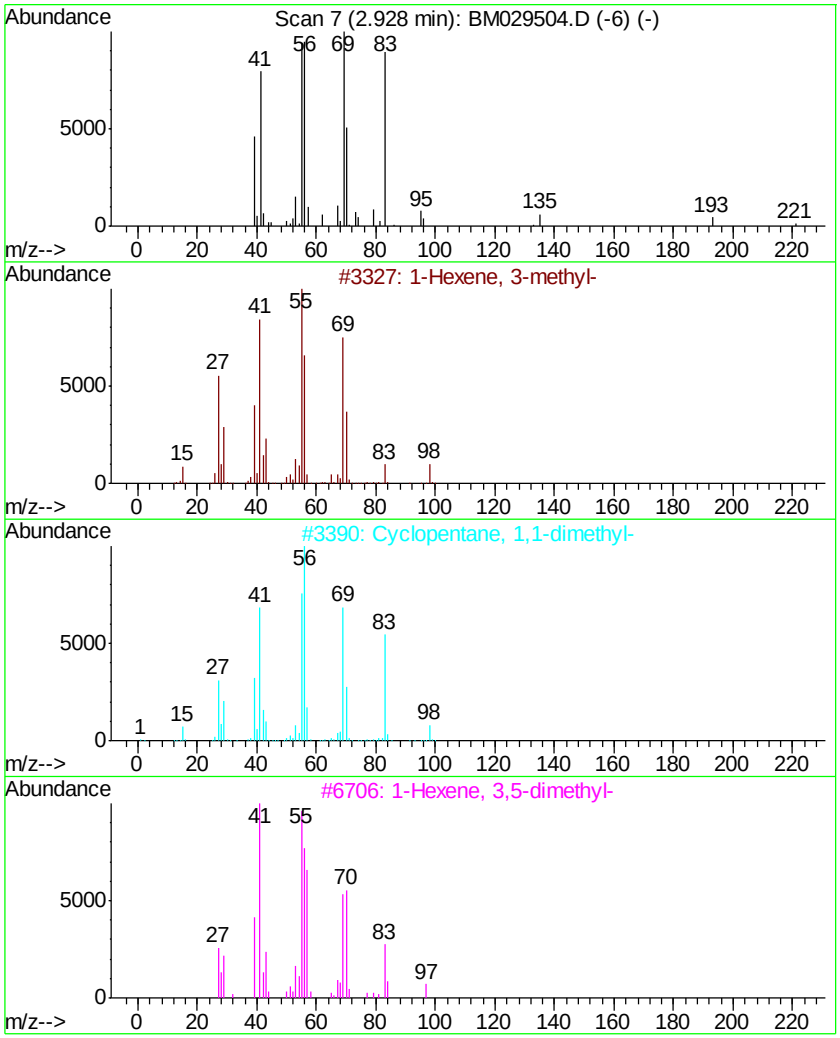
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

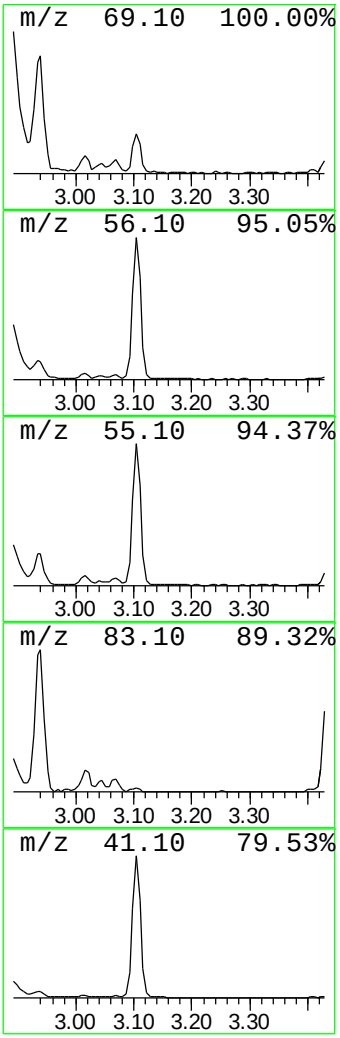
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	3.49 ng/ul	145224	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	59
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	56
3	1-Hexene, 3,5-dimethyl-	112	C8H16	007423-69-0	56
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	50
5	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	47





Library Search Compound Report

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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B50

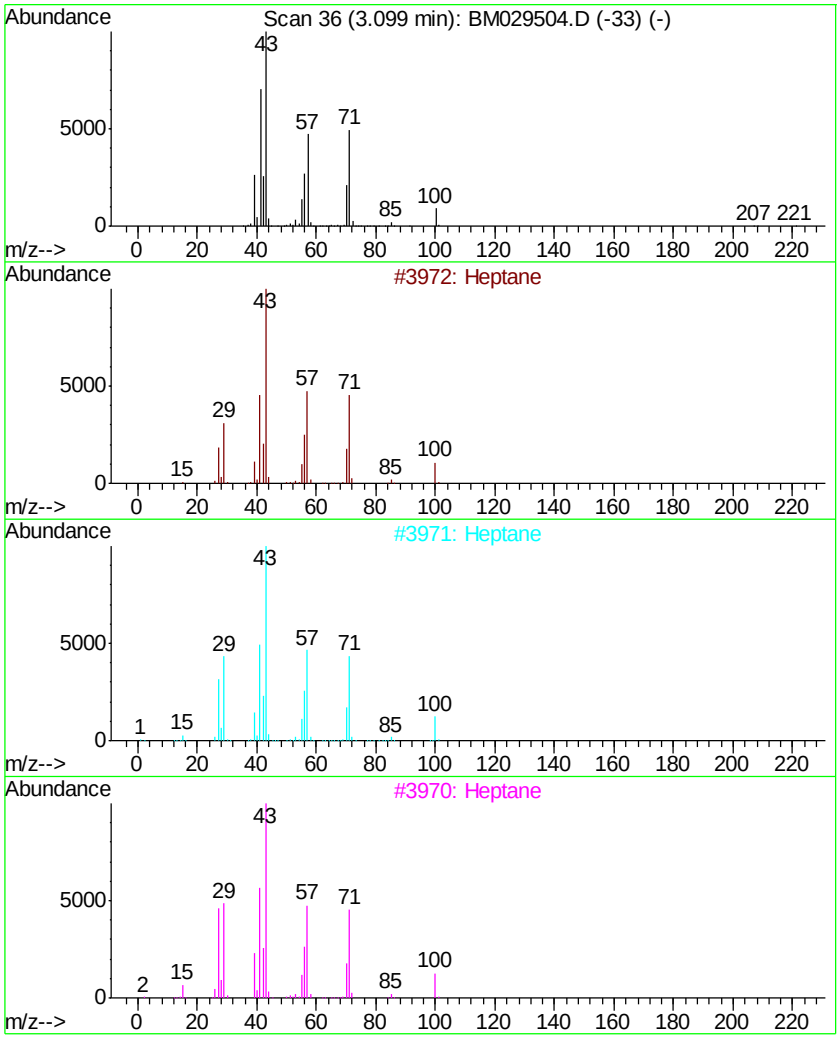
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

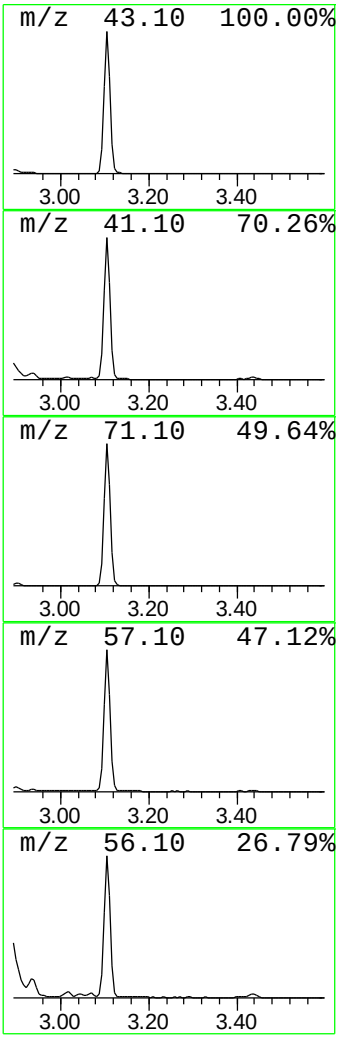
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	57.58 ng/ul	2397650	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	87
3	Heptane	100	C7H16	000142-82-5	86
4	Heptane	100	C7H16	000142-82-5	72
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	45





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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
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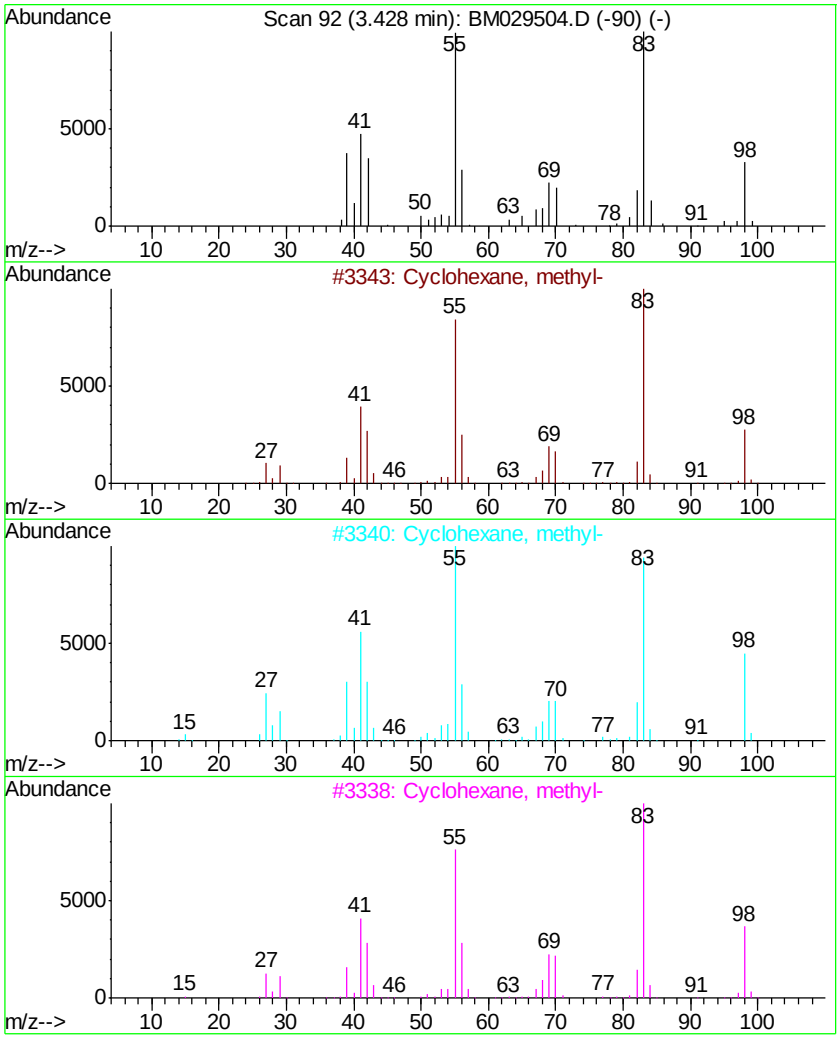
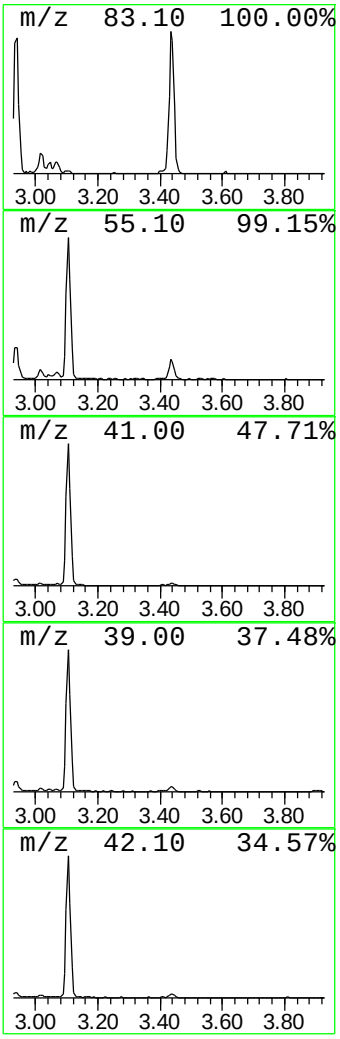
****

Peak Number 3 (DEL) Alkane: Cyclic3.43 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.43	2.04 ng/ul	84775	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	90
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	90
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	86
4	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	64
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	58





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

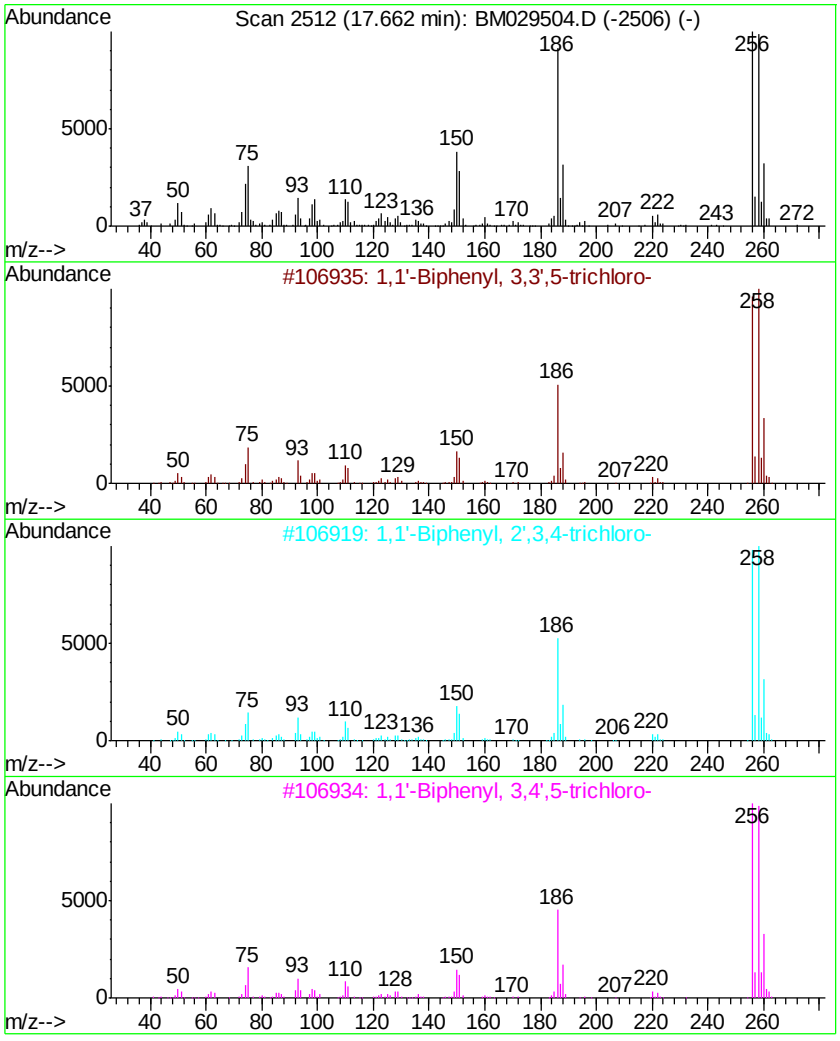
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

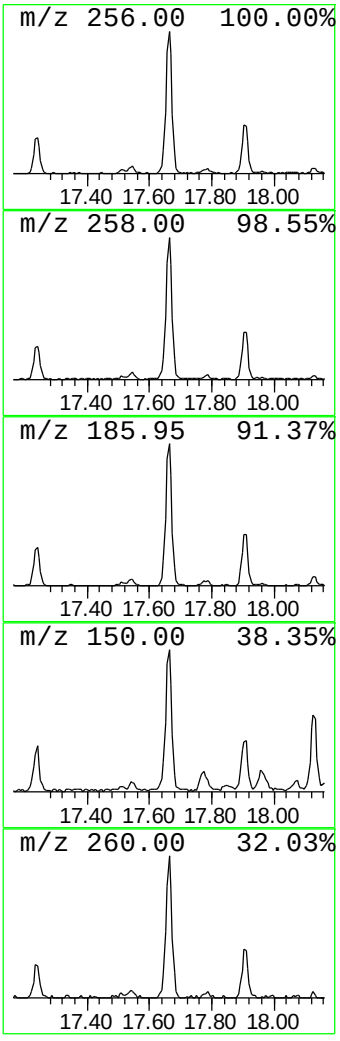
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	6.18 ng/ul	450034	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
3	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	98
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
5	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	98





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

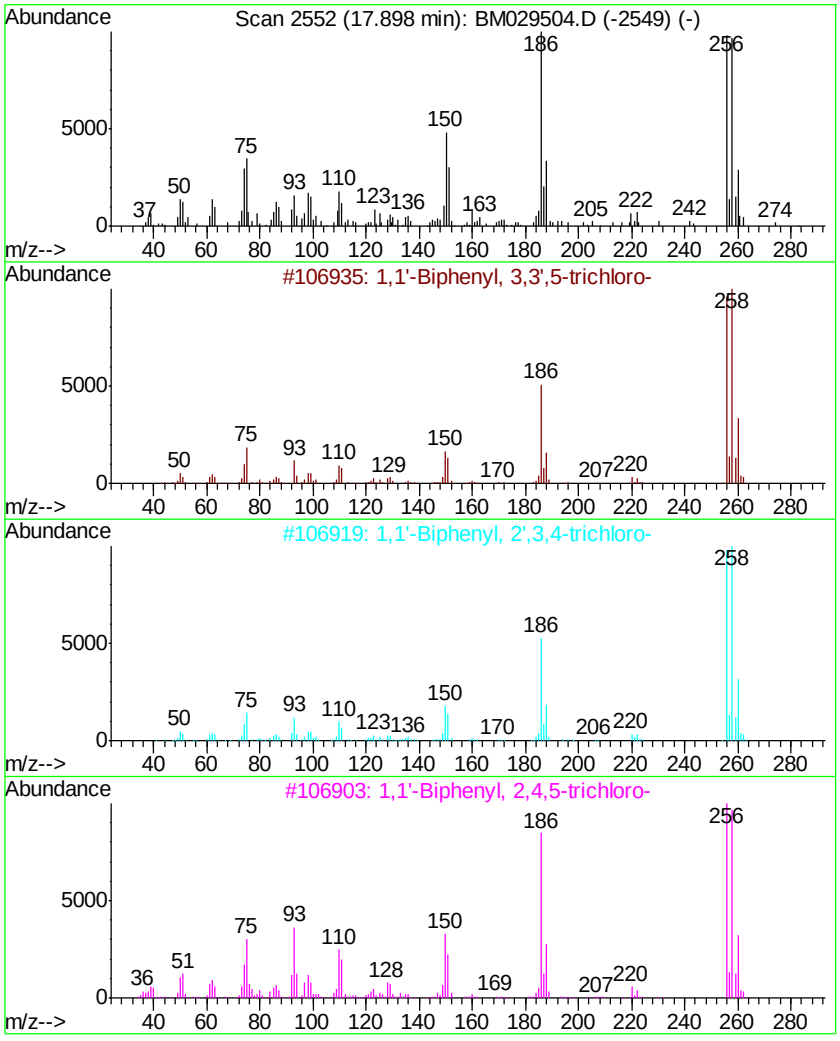
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

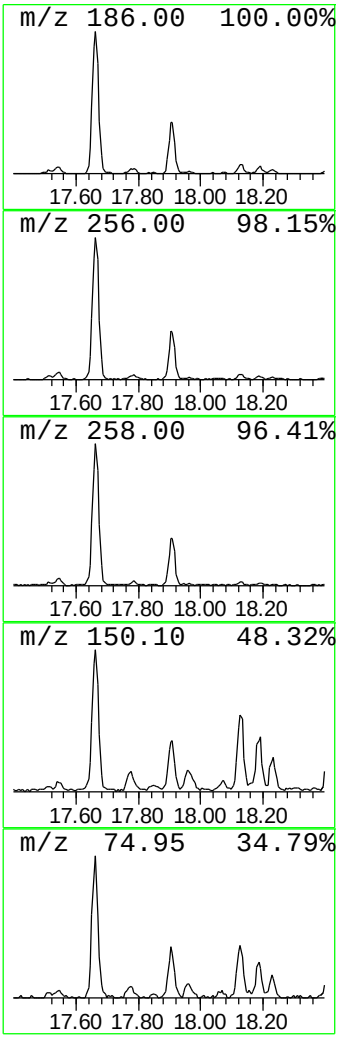
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	2.45 ng/ul	178287	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
3	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	97
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	96
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	96





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Quant Title : SVOA CALIBRATION

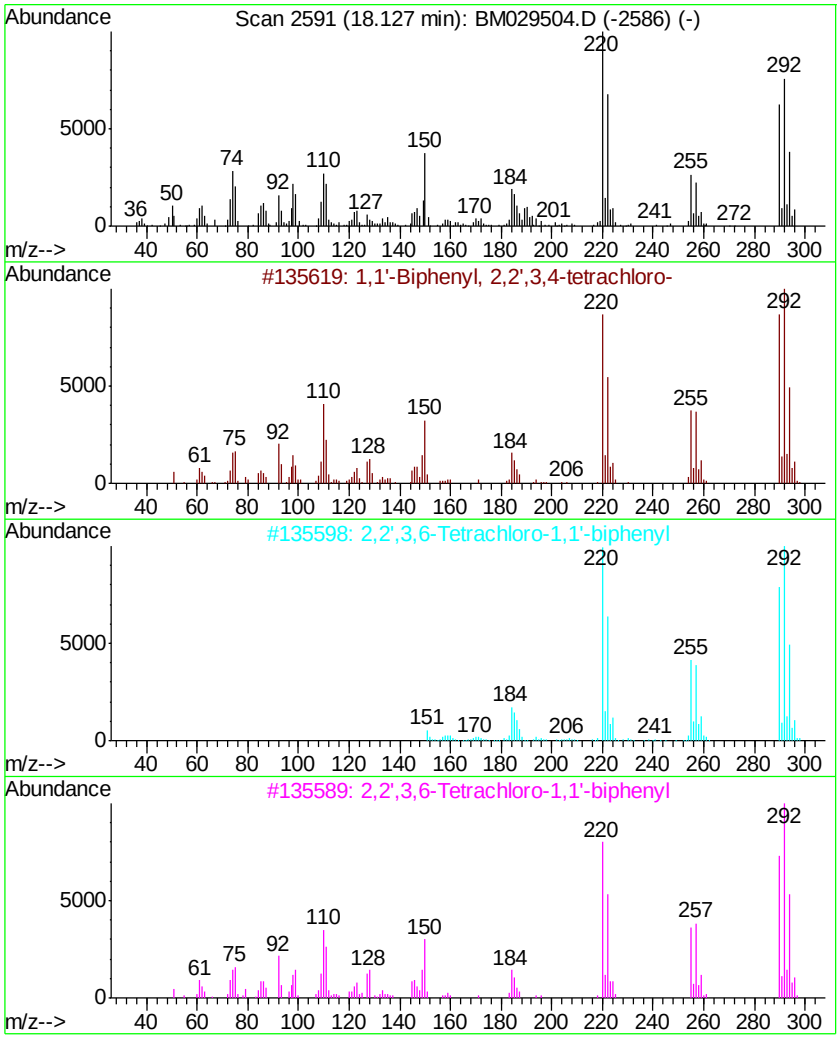
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

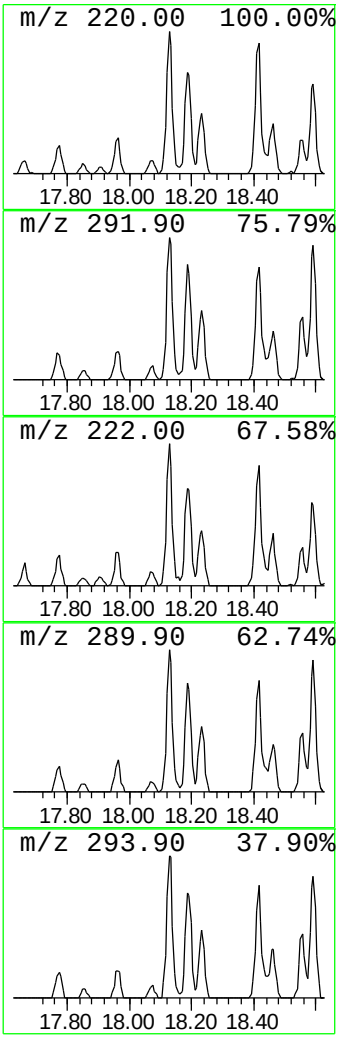
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	4.19 ng/ul	305092	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
2	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
3	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99





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Acq On : 15 Apr 2021 15:36
Operator : CG/JU
Sample : M1960-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B50

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Quant Title : SVOA CALIBRATION

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

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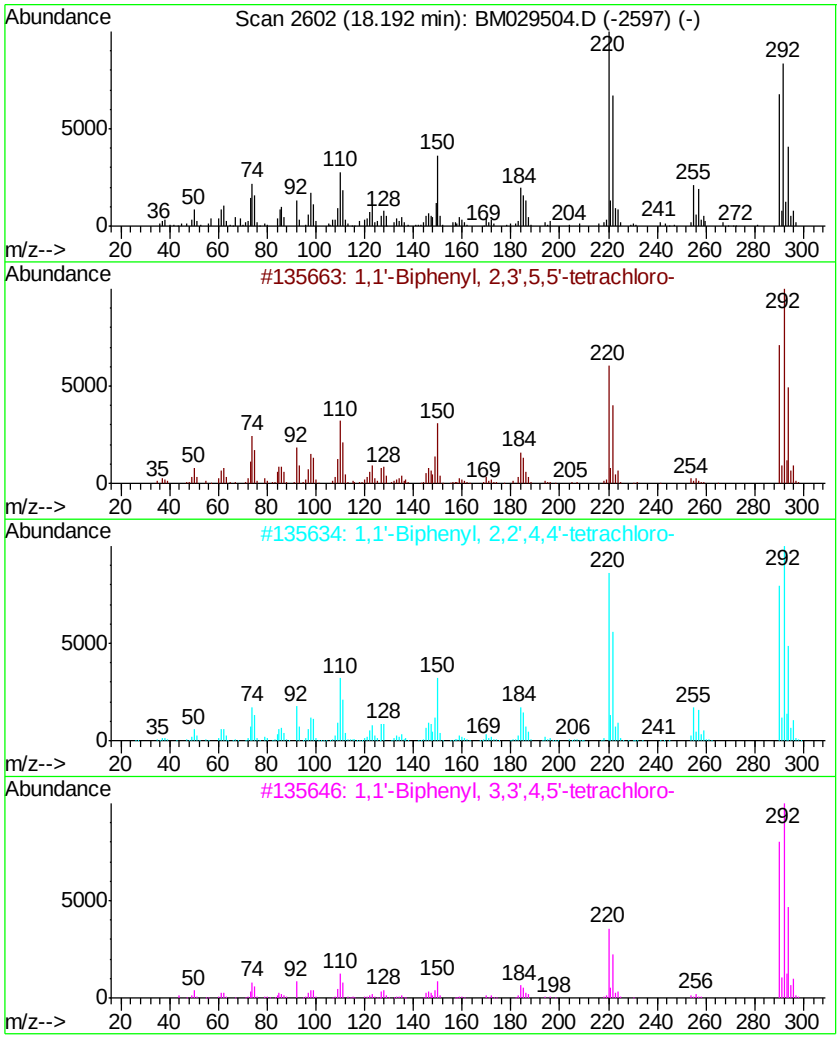
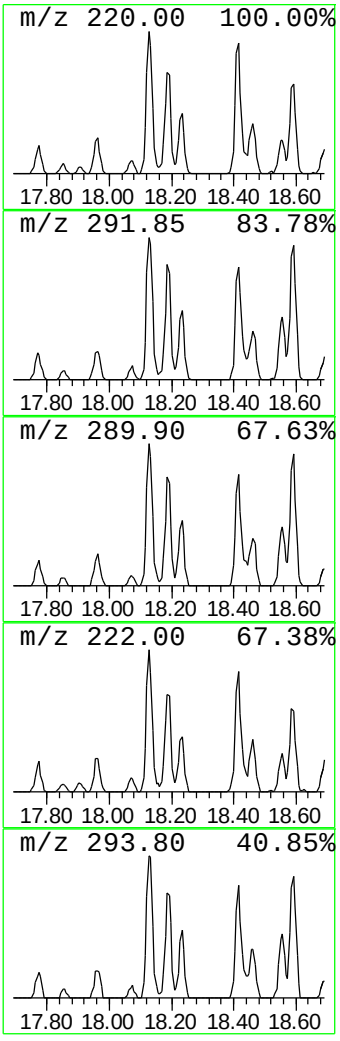
Peak Number 7 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.67 ng/ul	194796	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





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ClientSampleId : C0B50

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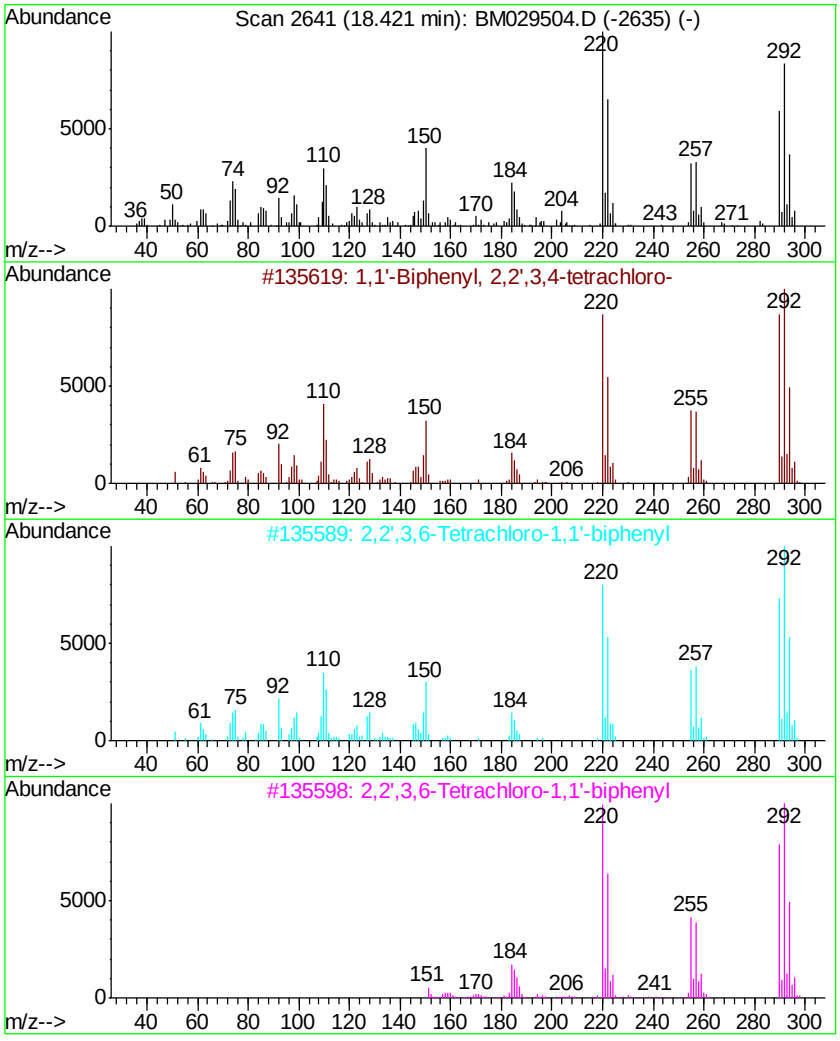
Quant Title : SVOA CALIBRATION

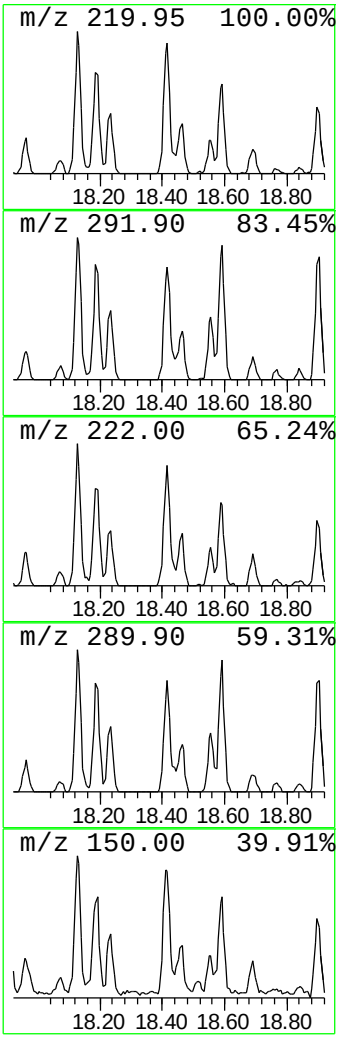
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.87 ng/ul	281815	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
2	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
3	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





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ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B50

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Quant Title : SVOA CALIBRATION

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

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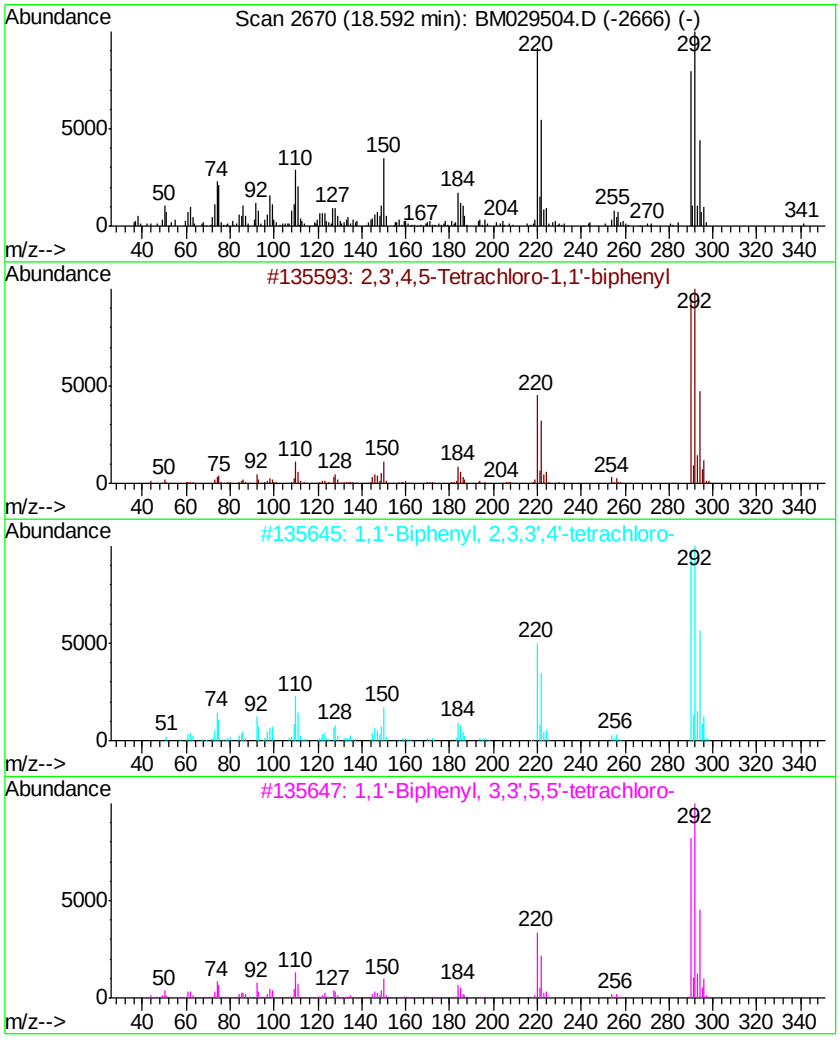
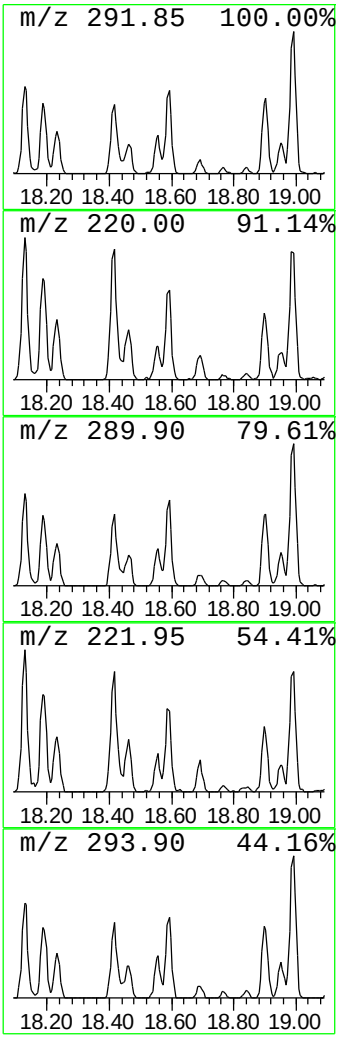
Peak Number 9 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	2.70 ng/ul	197052	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99
4	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
5	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99





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Instrument : BNA_M
ClientSampleId : C0B50

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Quant Title : SVOA CALIBRATION

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

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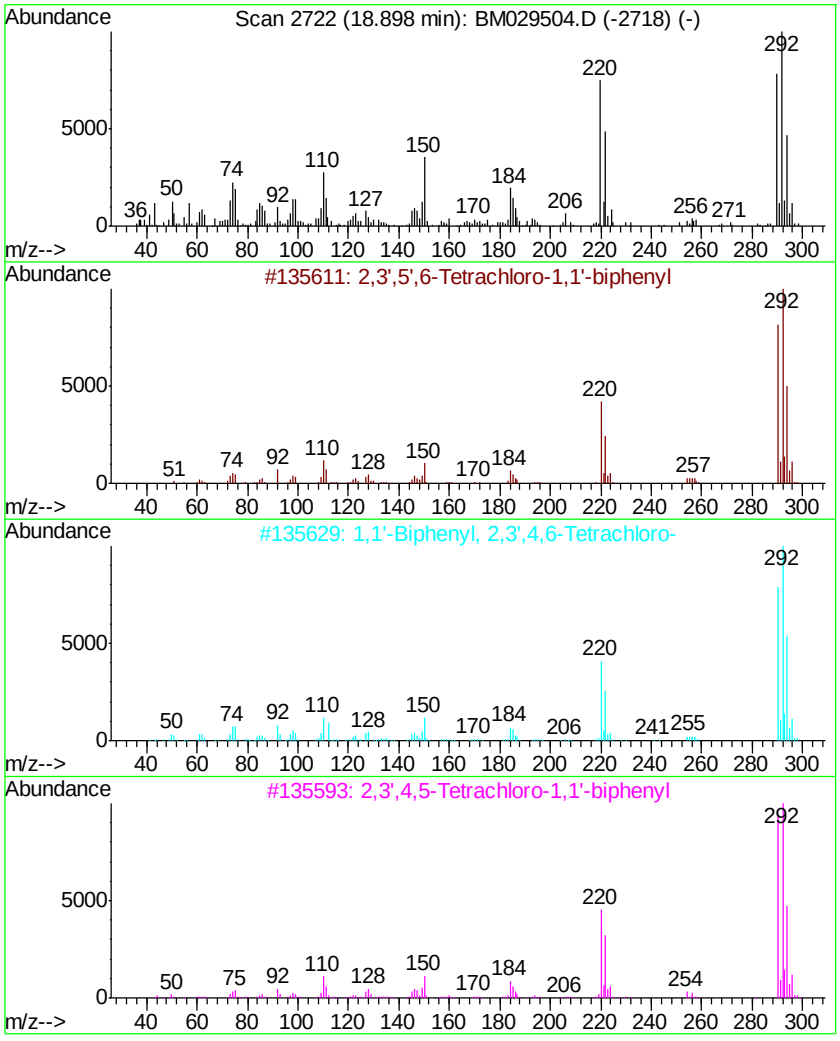
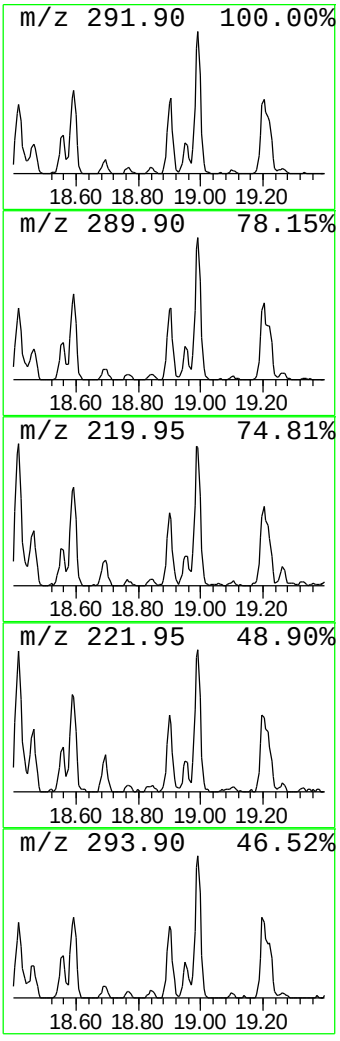
Peak Number 10 2,3',5',6-Tetrachloro-1,1'-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	2.35 ng/ul	171563	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
2	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
3	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99





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Quant Title : SVOA CALIBRATION

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

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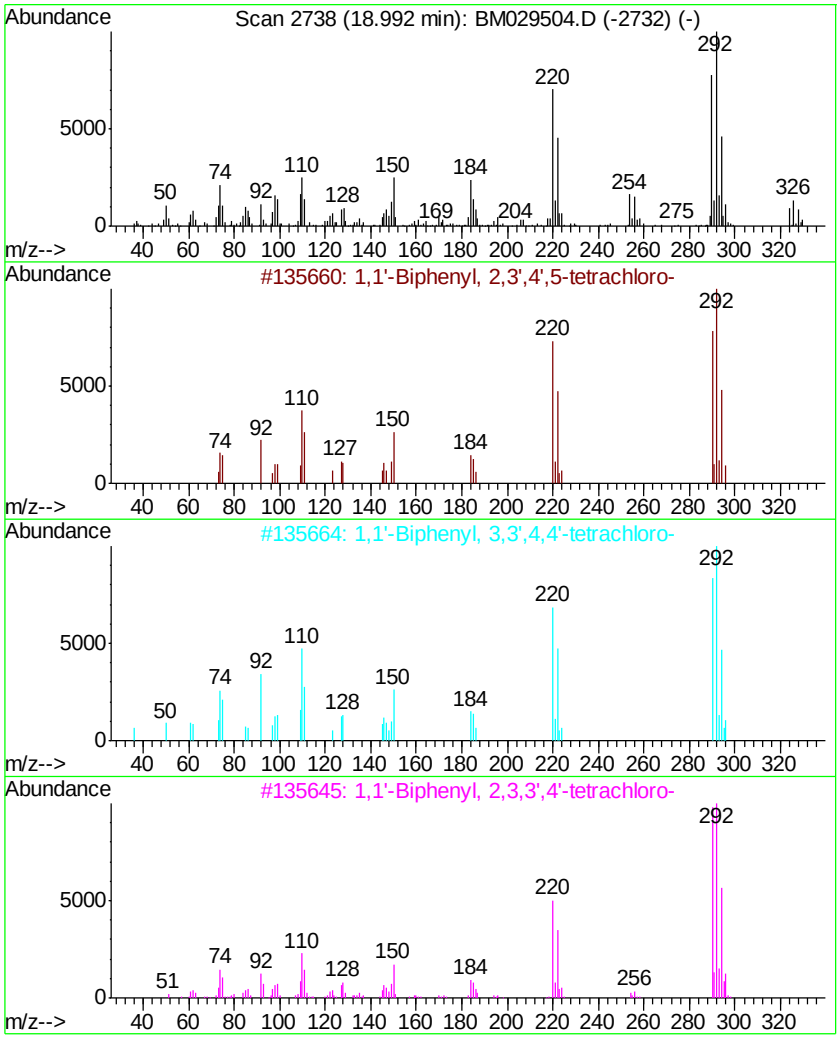
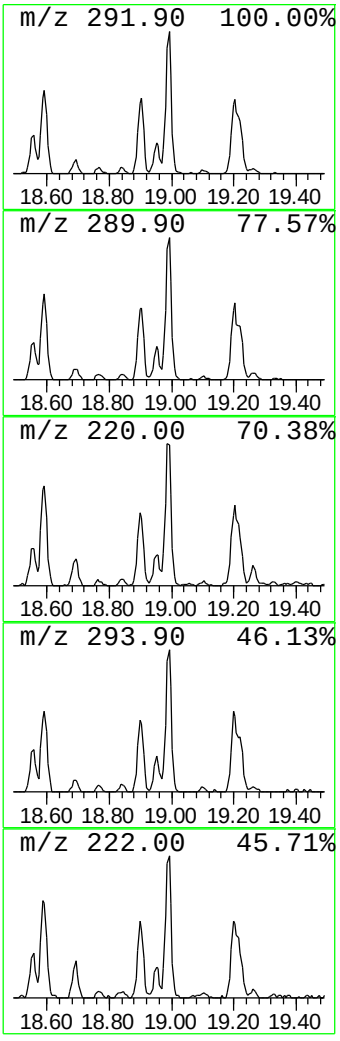
Peak Number 11 1,1'-Biphenyl, 2,3',4',5-te... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	6.97 ng/ul	507642	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
2	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
3	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
4	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99





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Instrument : BNA_M
ClientSampleId : C0B50

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Quant Title : SVOA CALIBRATION

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

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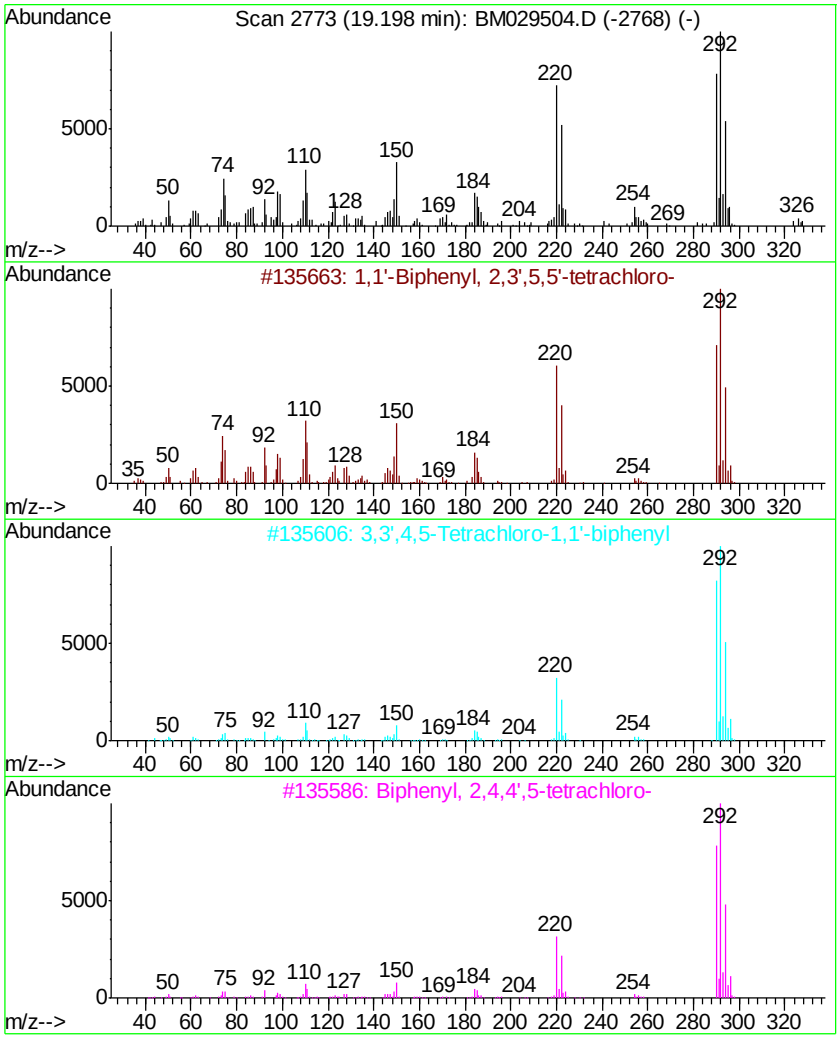
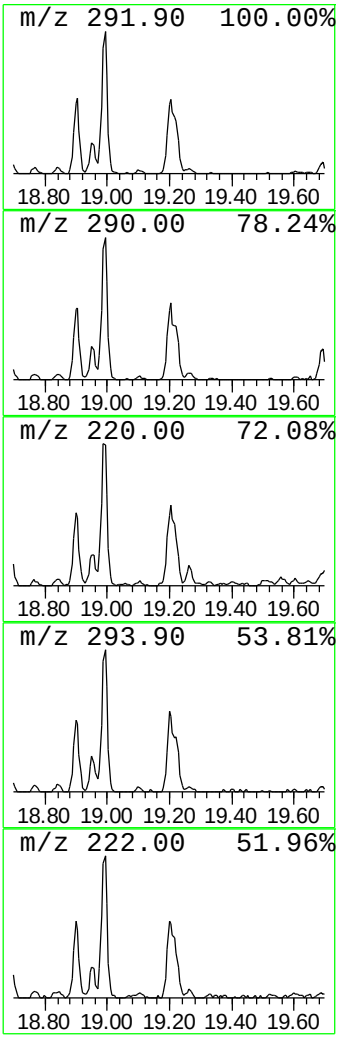
Peak Number 12 3,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	4.56 ng/ul	287321	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
2	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
5	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99





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Instrument : BNA_M
ClientSampleId : C0B50

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Quant Title : SVOA CALIBRATION

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

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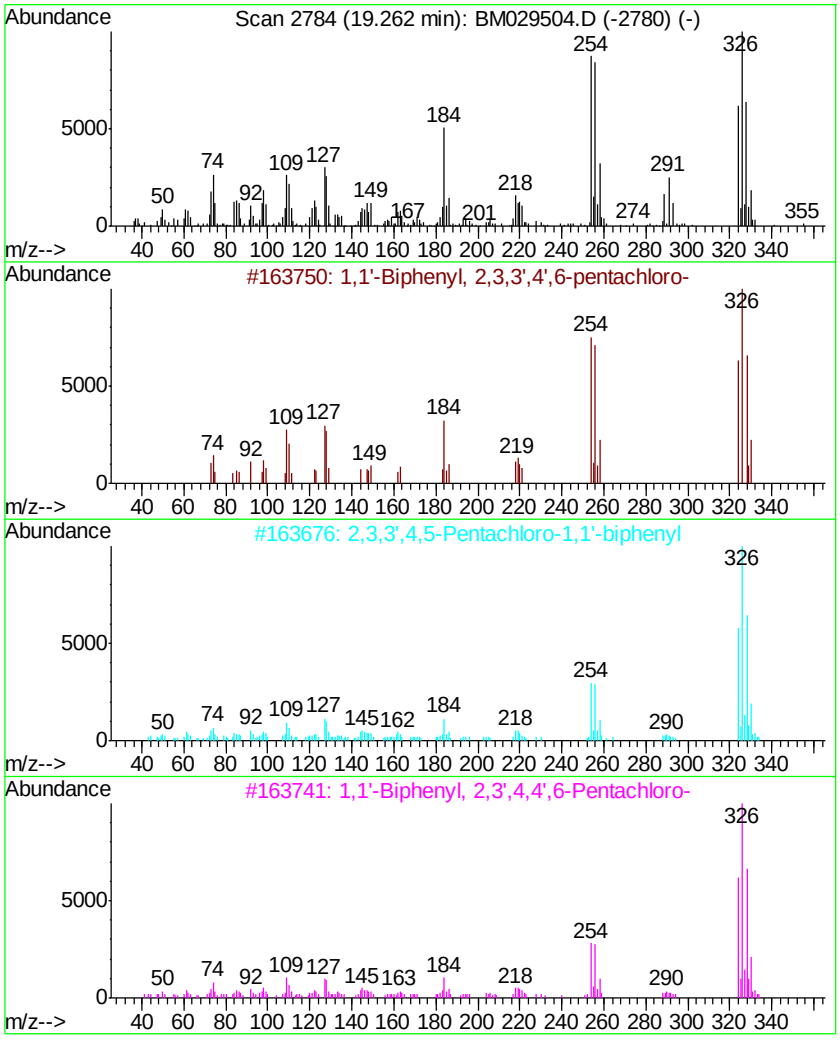
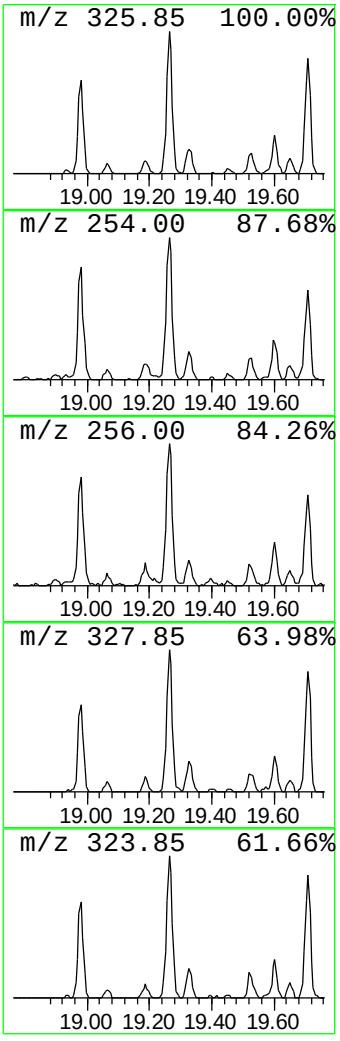
Peak Number 13 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	5.29 ng/ul	333358	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	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
3	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	99
4	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	99
5	1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	99





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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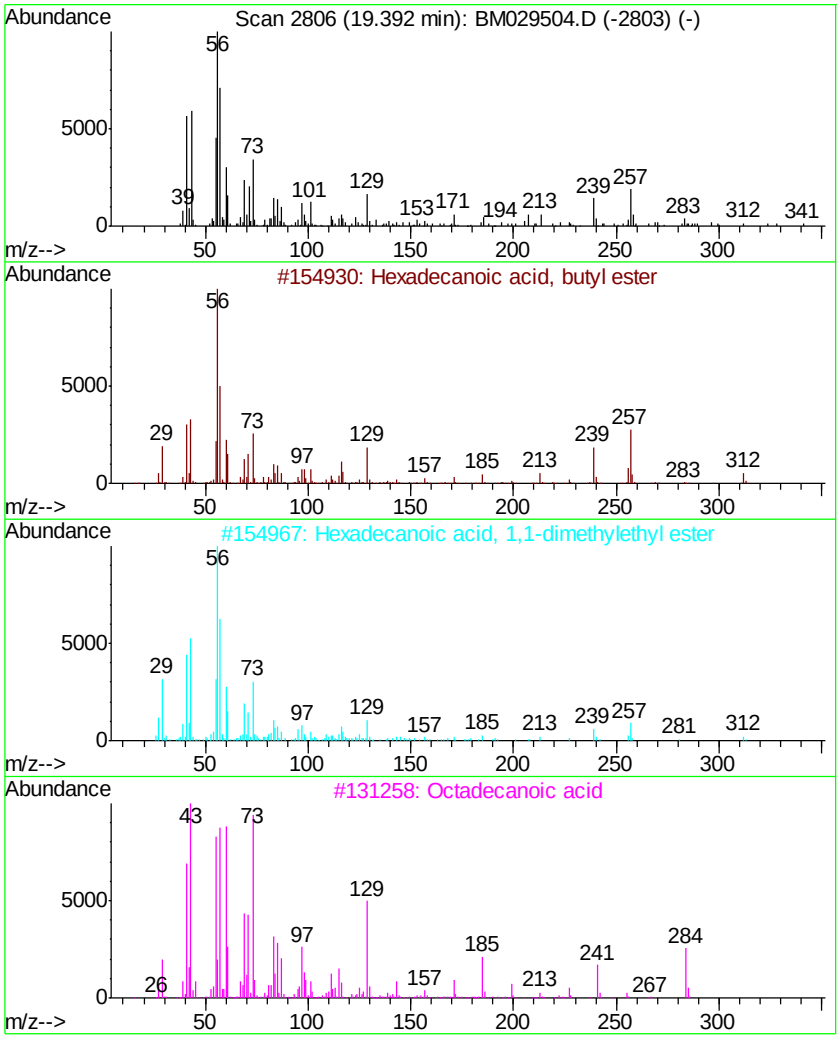
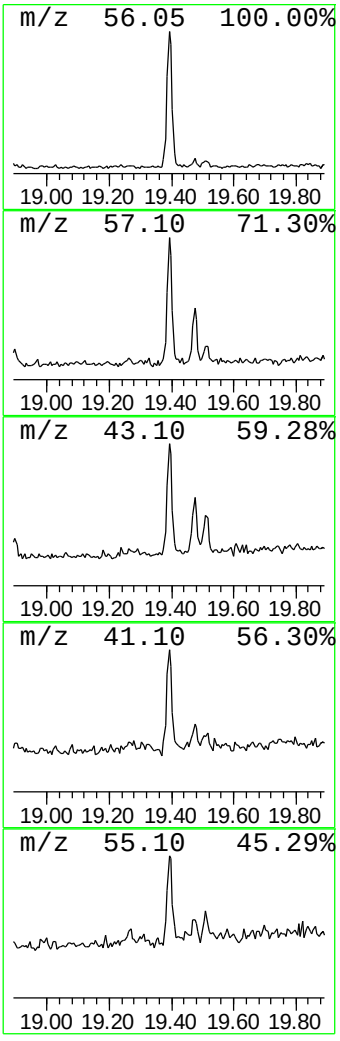
Peak Number 14 Hexadecanoic acid, butyl ester Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	2.09 ng/ul	131404	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	94
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	83
3	Octadecanoic acid	284	C18H36O2	000057-11-4	78
4	Eicosanoic acid	312	C20H40O2	000506-30-9	64
5	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	43





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Quant Title : SVOA CALIBRATION

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

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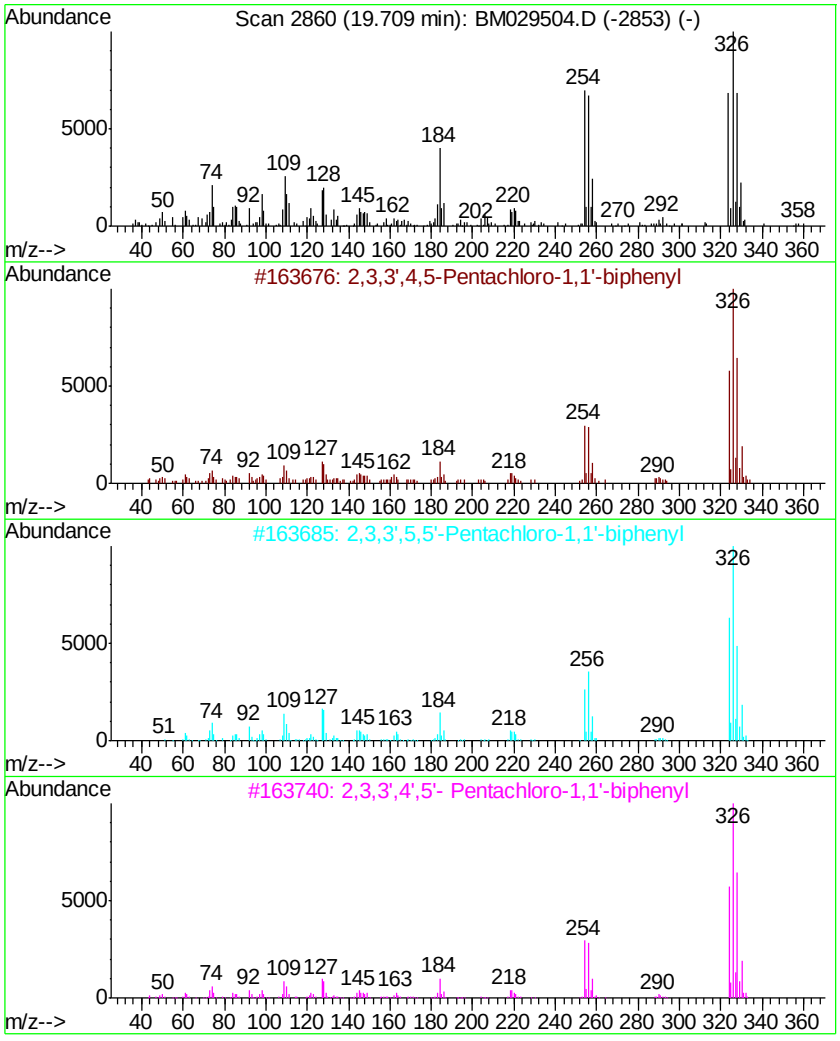
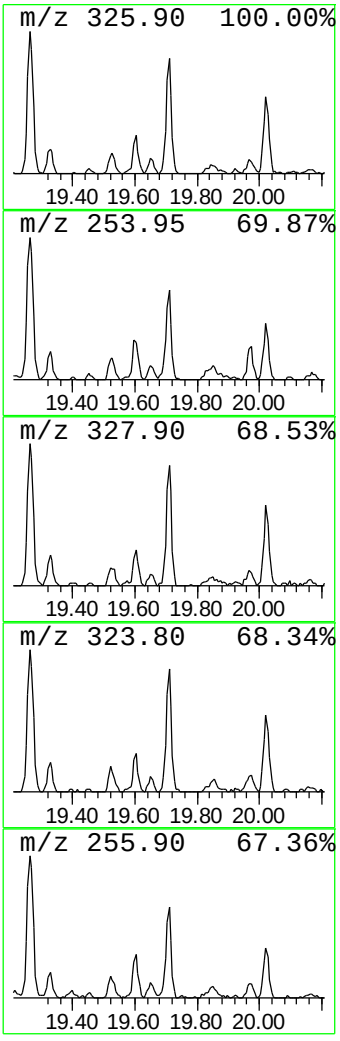
Peak Number 15 2,3,3',4,5-Pentachloro-1,1'... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	4.13 ng/ul	260535	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	98
2	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	98
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	97
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	97
5	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	97





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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B50

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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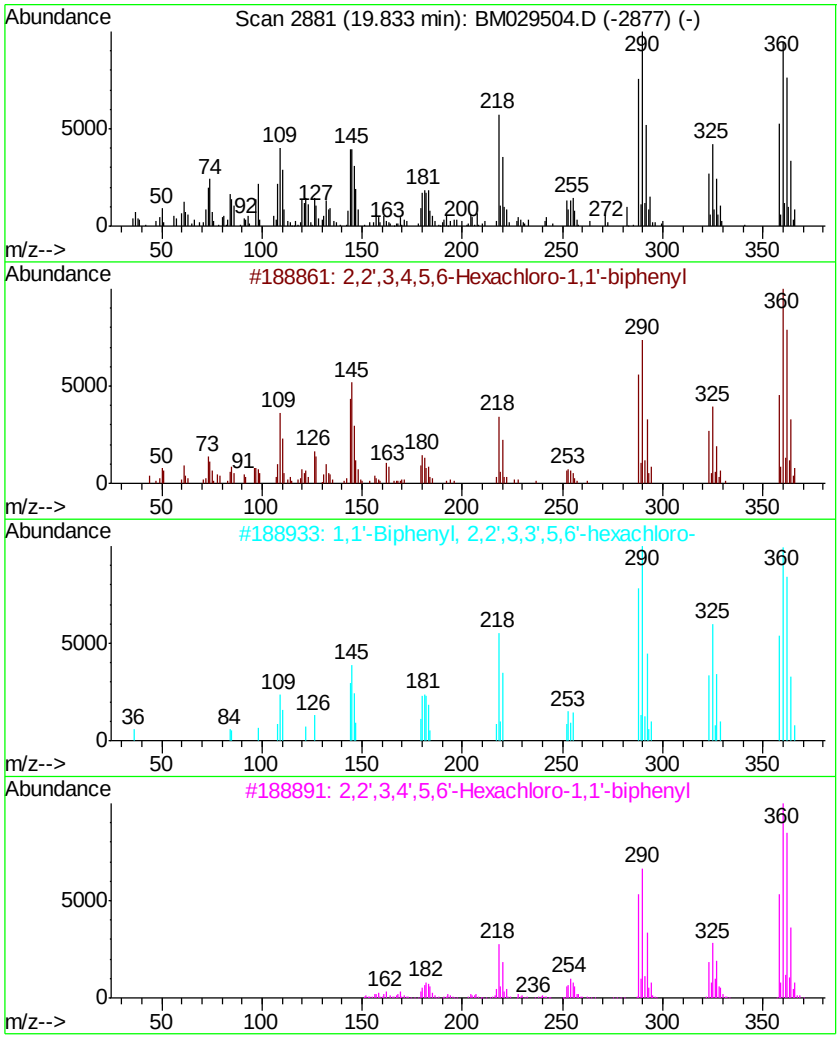
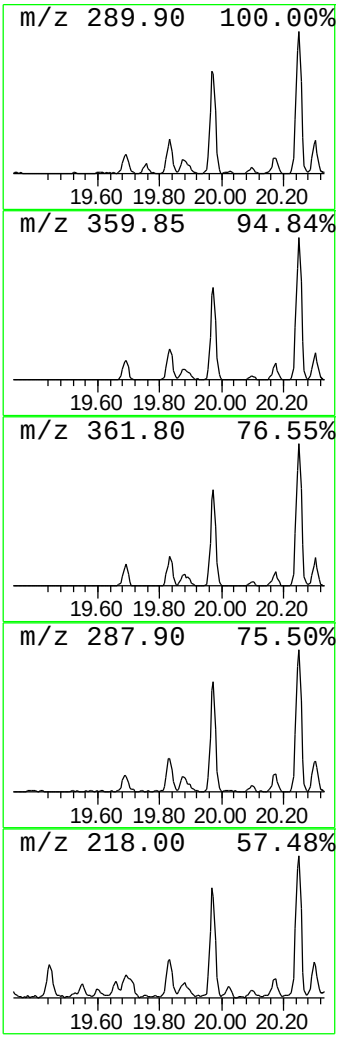
Peak Number 16 2,2',3,4,5,6-Hexachloro-1,1... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	2.60 ng/ul	163552	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	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	99
3	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	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 : M1960-01
Misc :
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Instrument : BNA_M
ClientSampleId : C0B50

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Quant Title : SVOA CALIBRATION

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

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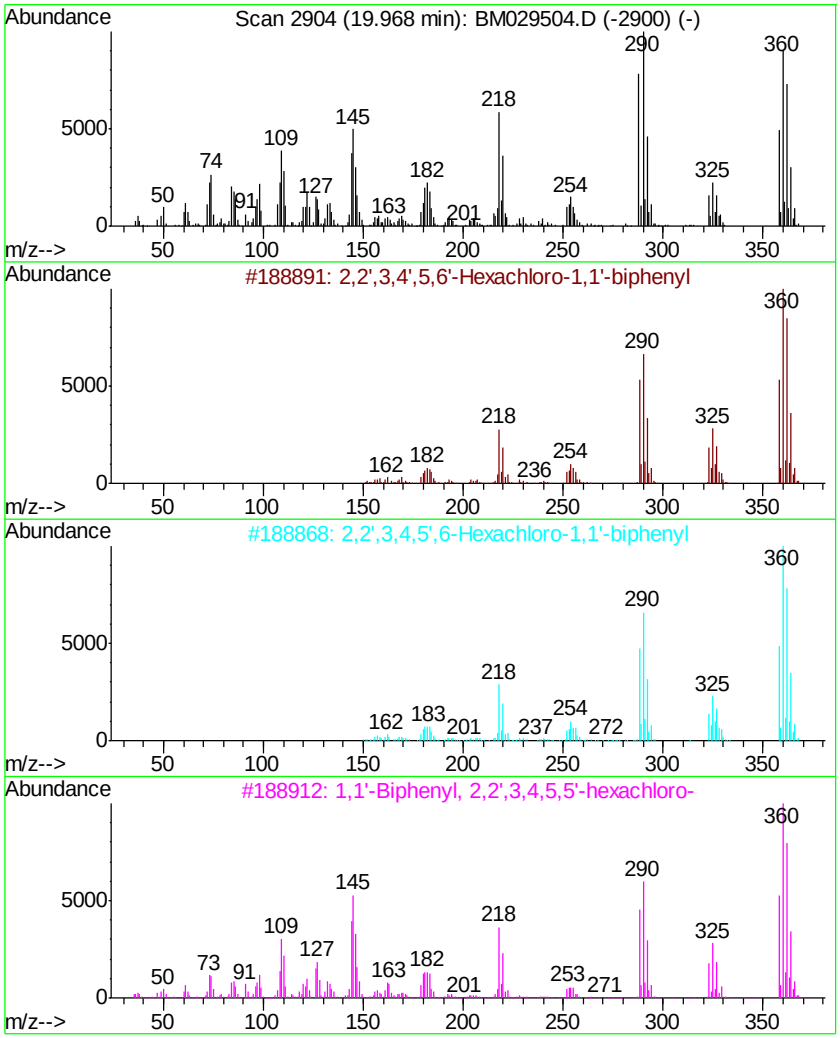
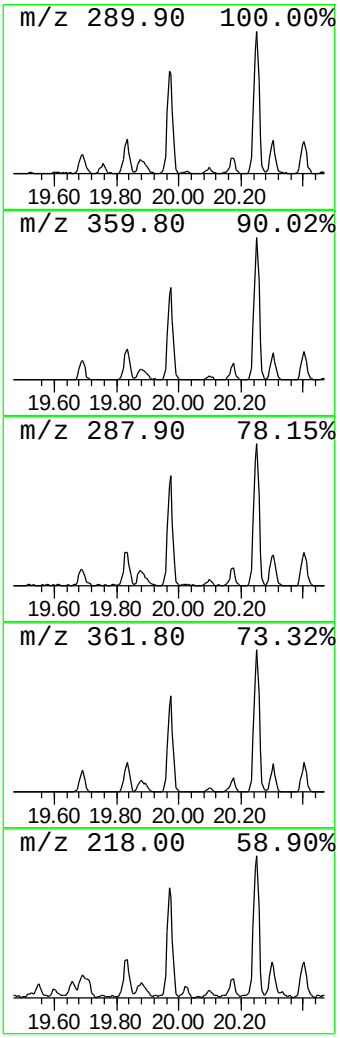
Peak Number 17 2,2',3,4',5,6'-Hexachloro-1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	8.07 ng/ul	508551	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99
2	2,2',3,4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-14-9	99
3	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
5	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99





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ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B50

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Quant Title : SVOA CALIBRATION

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

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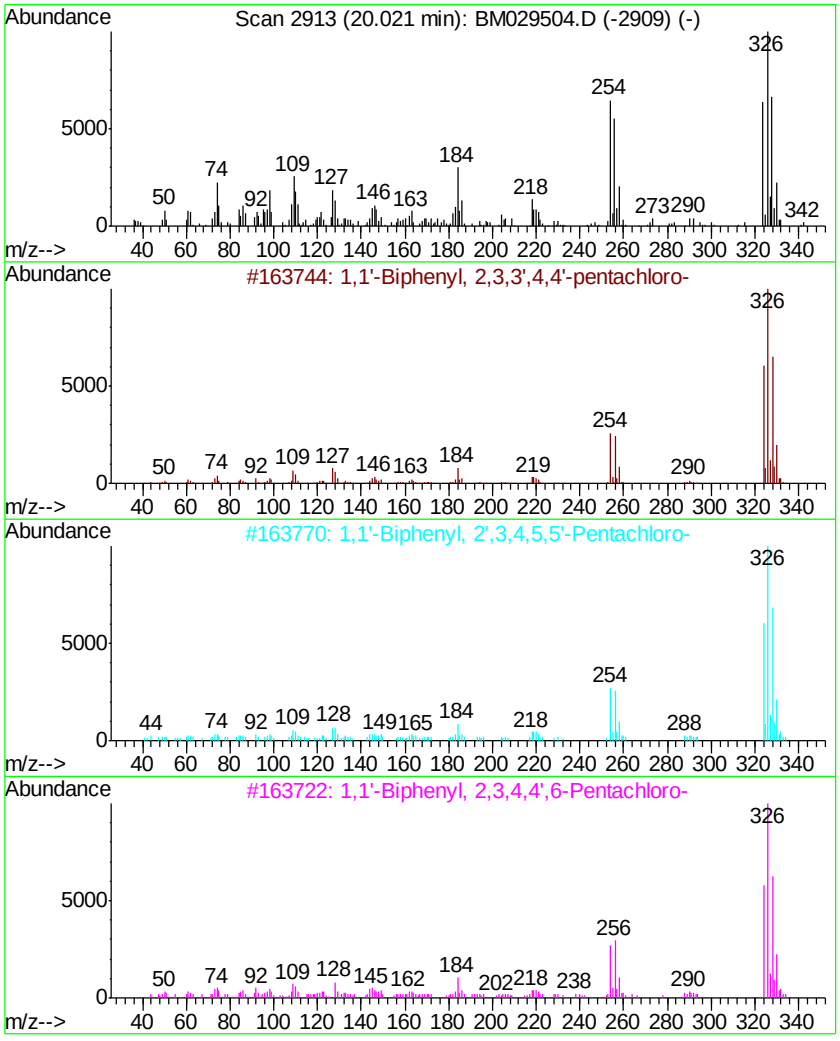
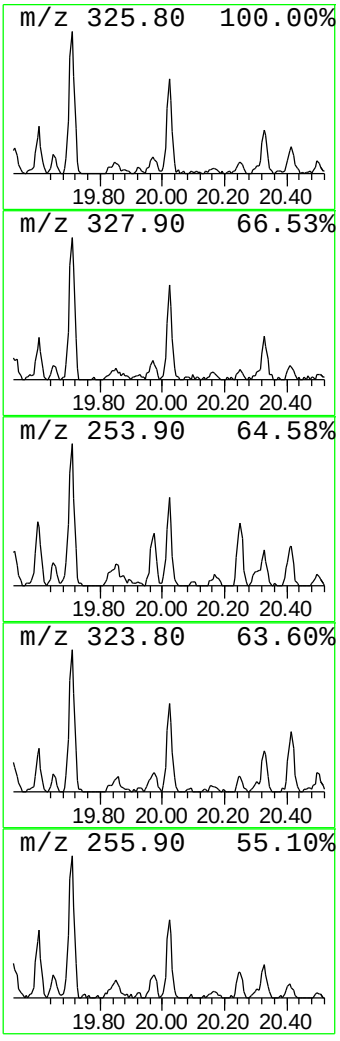
Peak Number 18 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	2.34 ng/ul	147502	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	98
3	1,1'-Biphenyl, 2,3,4,4',6-Pentac...	324	C12H5Cl5	074472-38-1	98
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	97
5	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	97





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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

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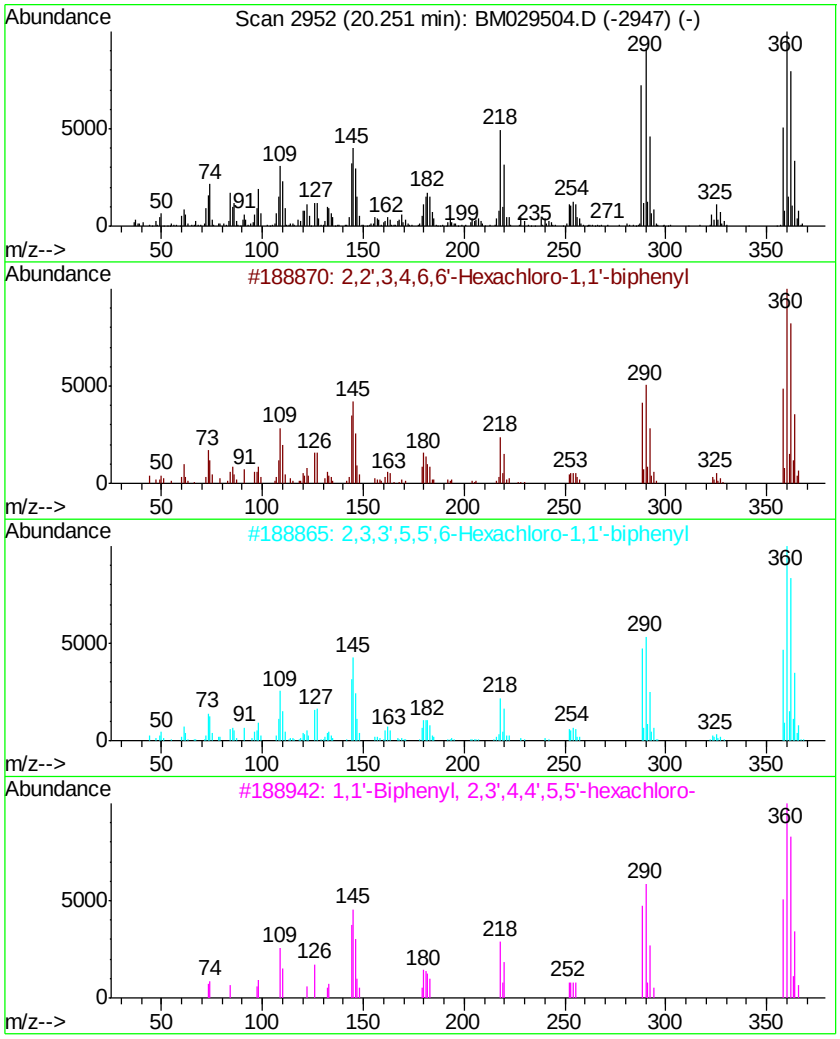
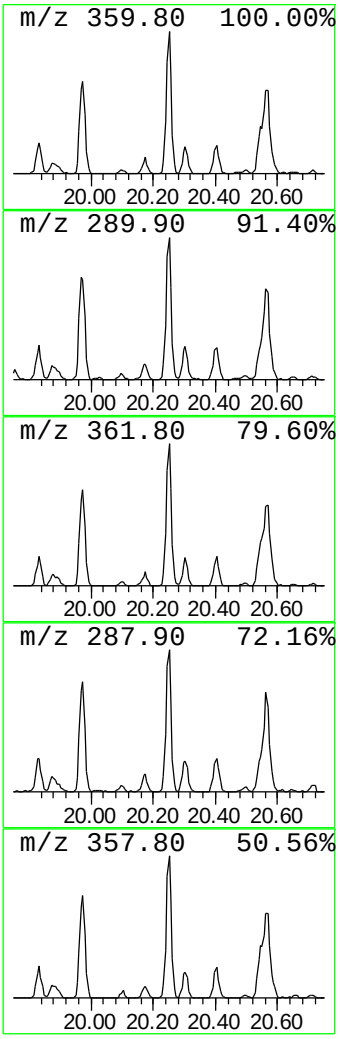
Peak Number 19 2,2',3,4,6,6'-Hexachloro-1,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	10.00 ng/ul	630172	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	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99
5	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99





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Misc :
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Instrument : BNA_M
ClientSampleId : C0B50

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Quant Title : SVOA CALIBRATION

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

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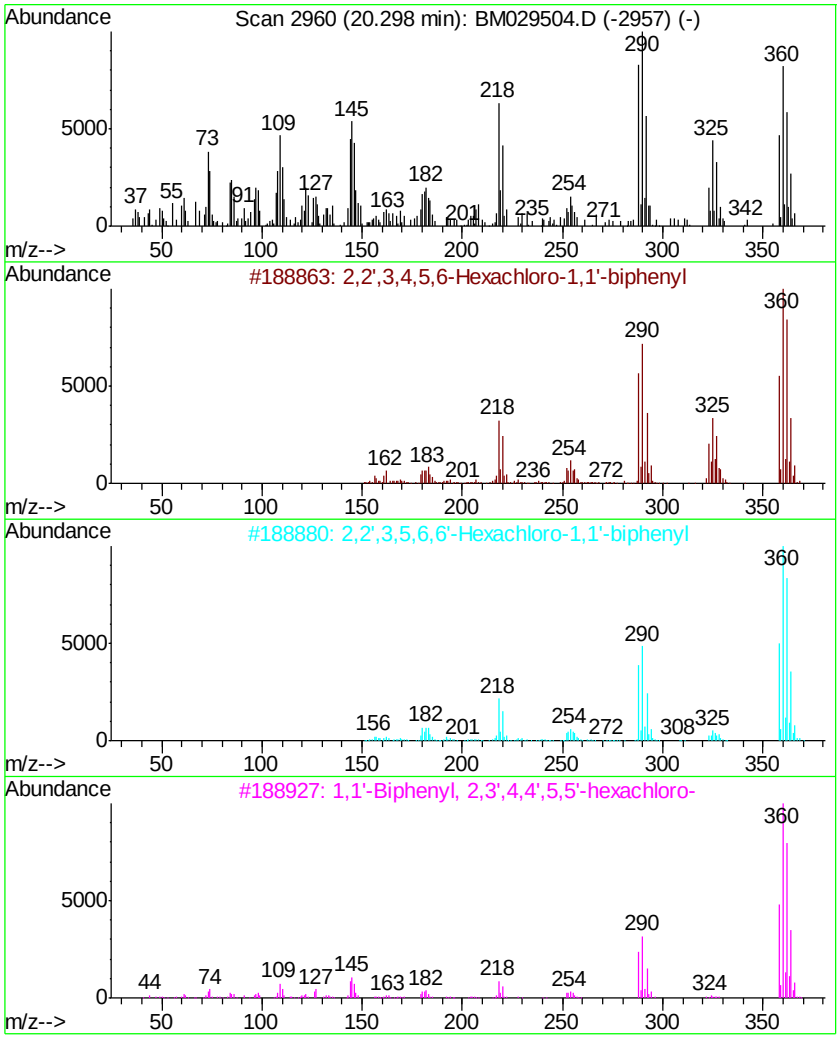
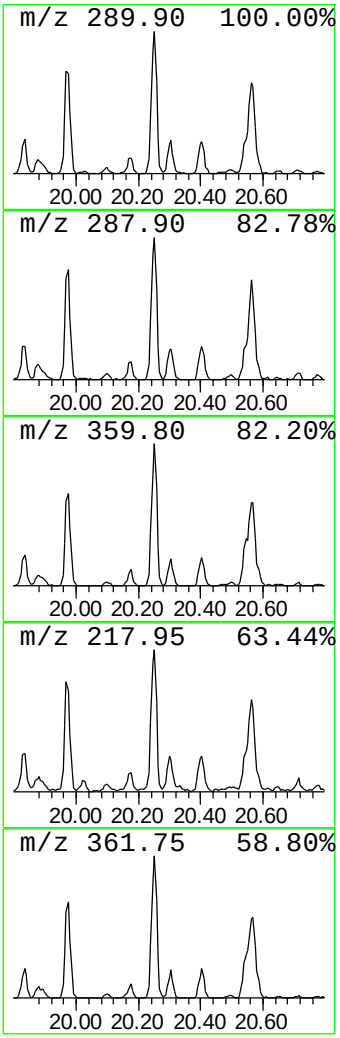
Peak Number 20 2,2',3,5,6,6'-Hexachloro-1,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	2.97 ng/ul	187237	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',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99





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Quant Title : SVOA CALIBRATION

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

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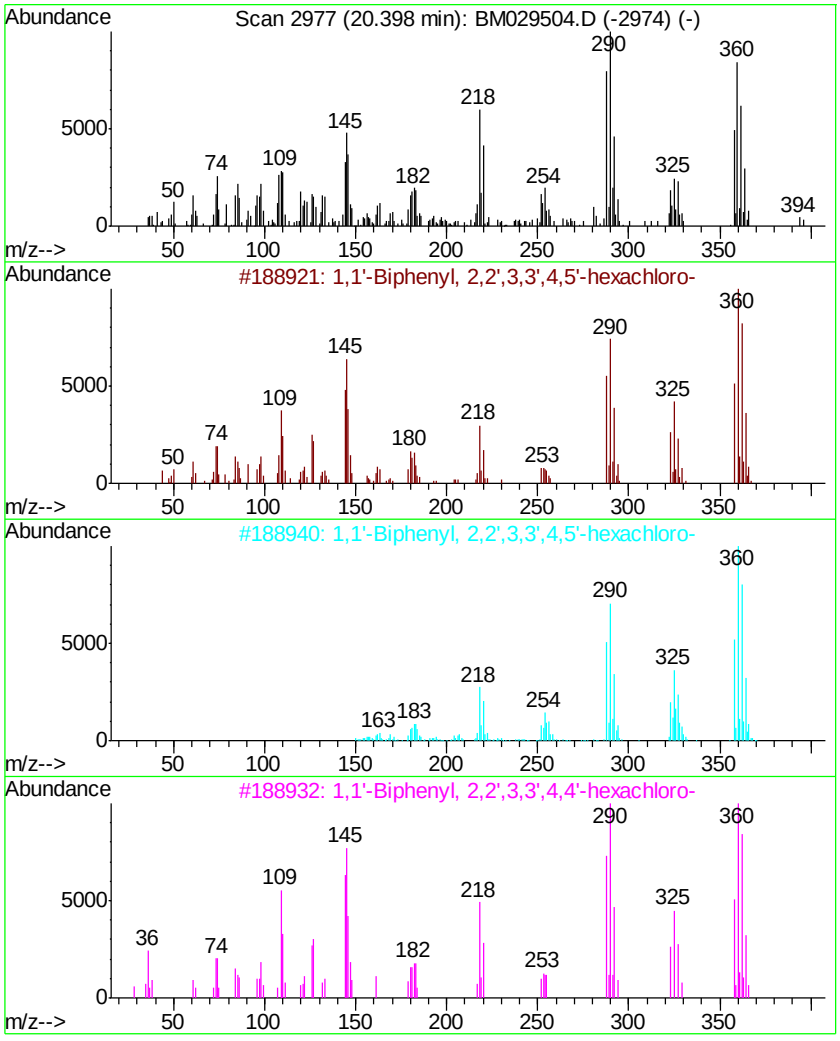
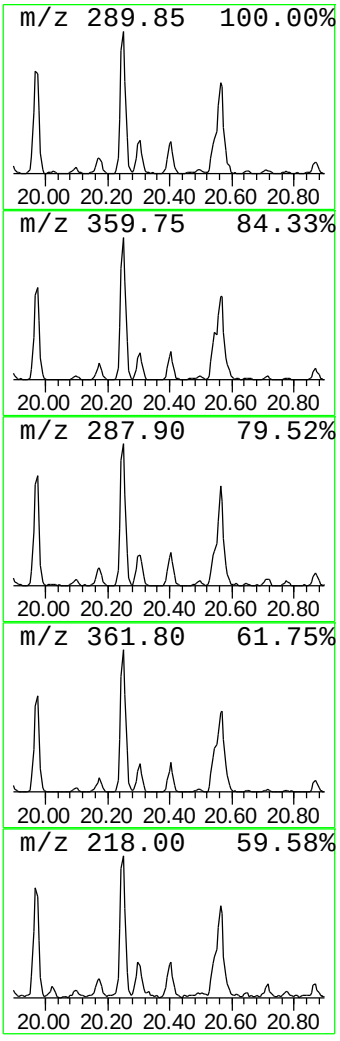
Peak Number 21 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	3.64 ng/ul	229553	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
2	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
3	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
5	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99





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Instrument : BNA_M
ClientSampleId : C0B50

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Quant Title : SVOA CALIBRATION

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

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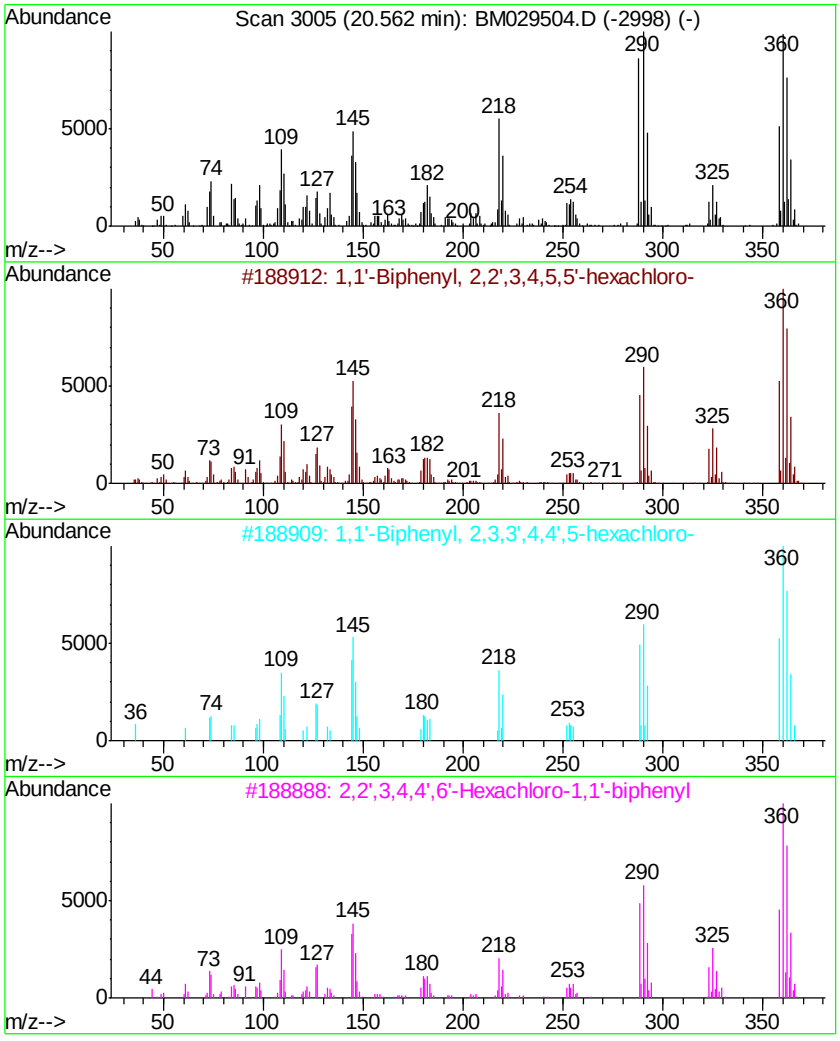
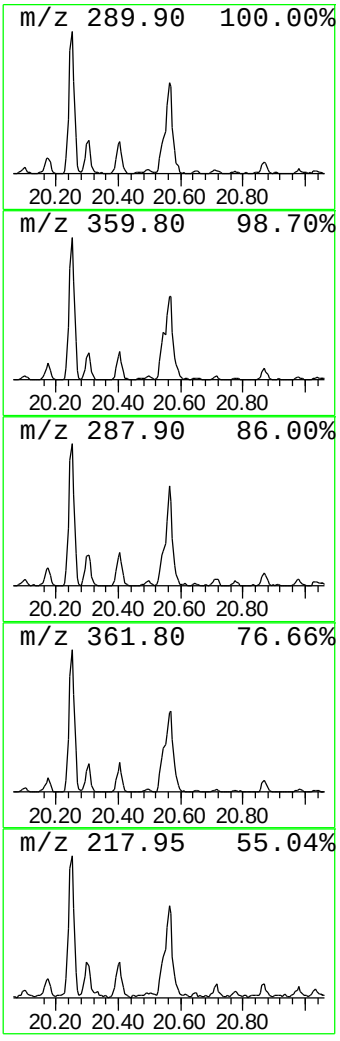
Peak Number 22 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	9.65 ng/ul	608225	Chrysene-d12	21.23

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	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	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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Instrument : BNA_M
ClientSampleId : C0B50

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Quant Title : SVOA CALIBRATION

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

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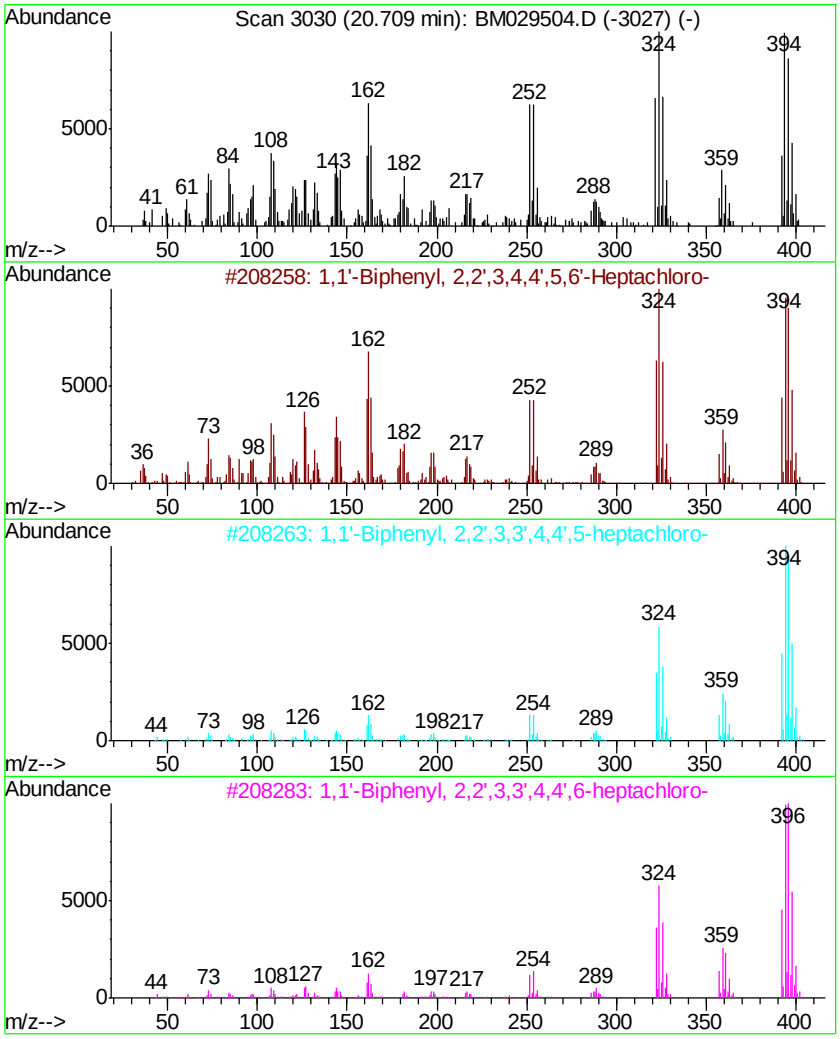
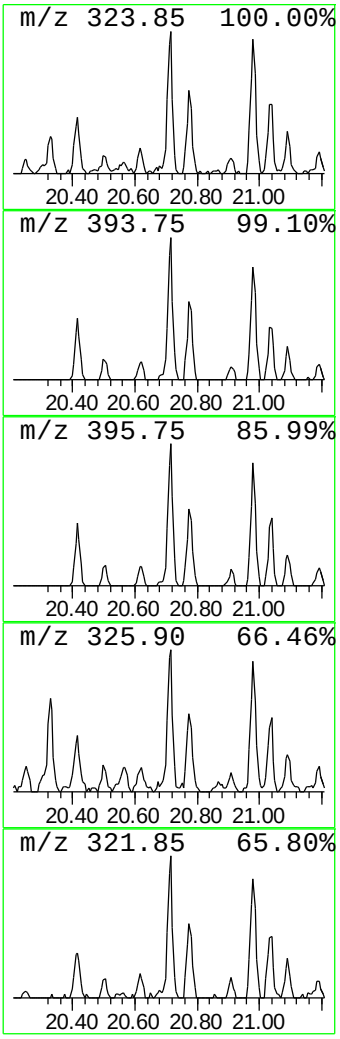
Peak Number 23 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.71	4.07 ng/ul	256492	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',4,4',5-...	392	C12H3Cl7	035065-30-6	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	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	038411-25-5	99





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Quant Title : SVOA CALIBRATION

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

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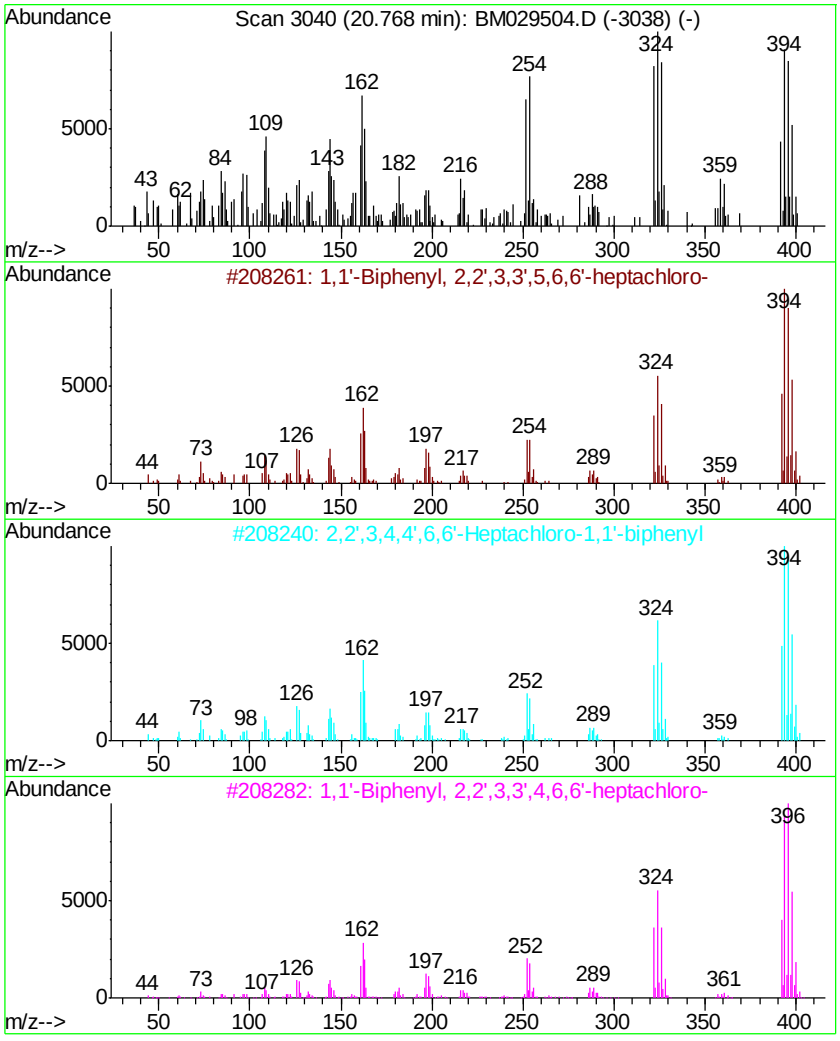
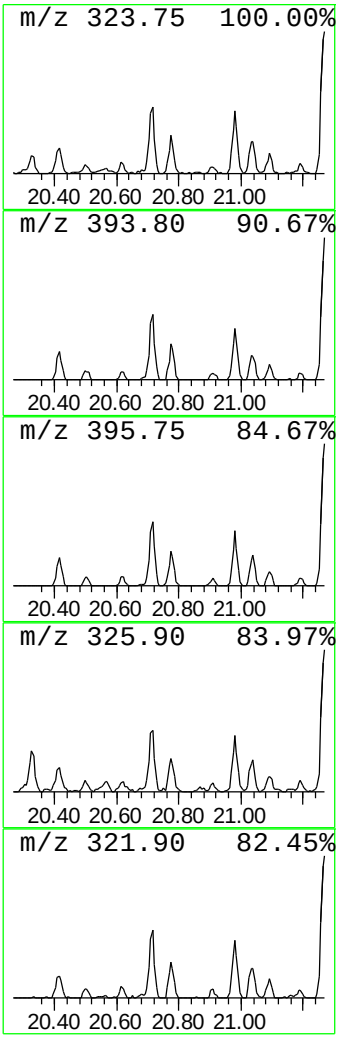
Peak Number 24 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	2.04 ng/ul	128348	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,6,6'-...	392	C12H3Cl7	052663-64-6	99
2	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99
3	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99
4	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
5	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	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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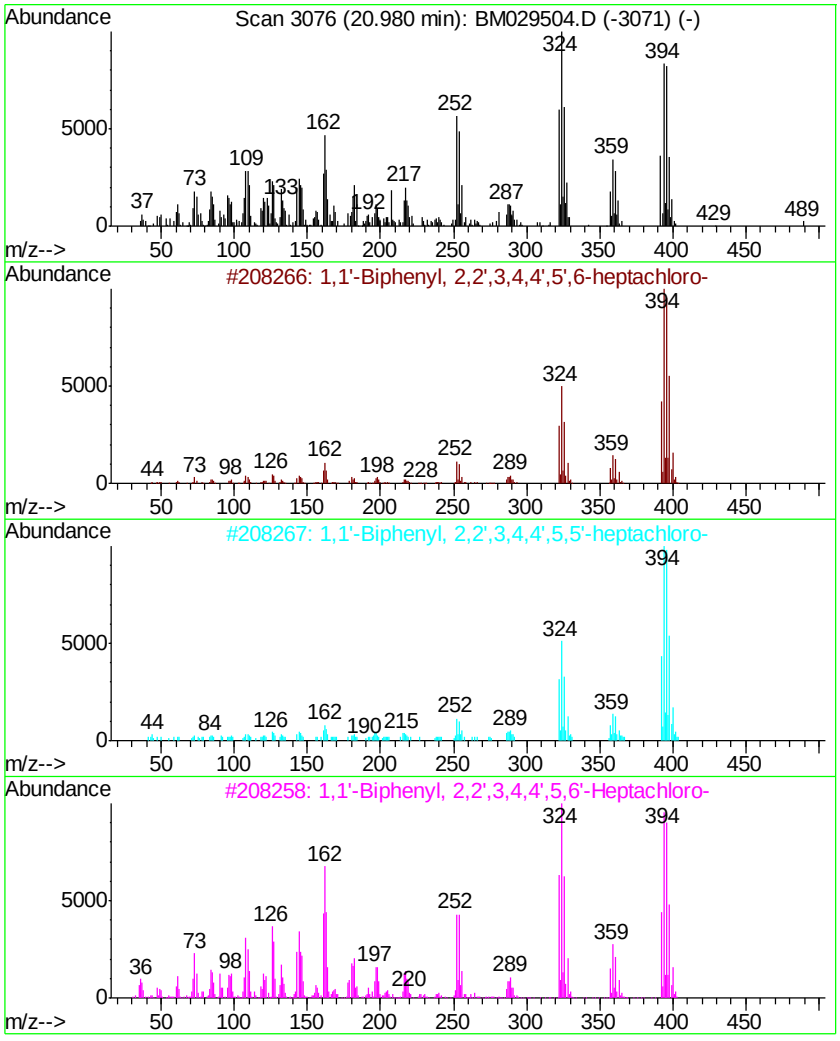
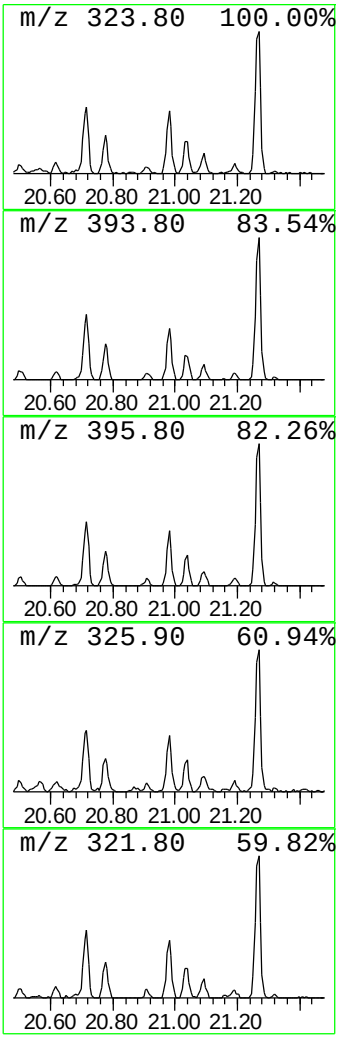
Peak Number 25 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	4.34 ng/ul	273477	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	052663-69-1	99
2	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
4	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99
5	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99





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Quant Title : SVOA CALIBRATION

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

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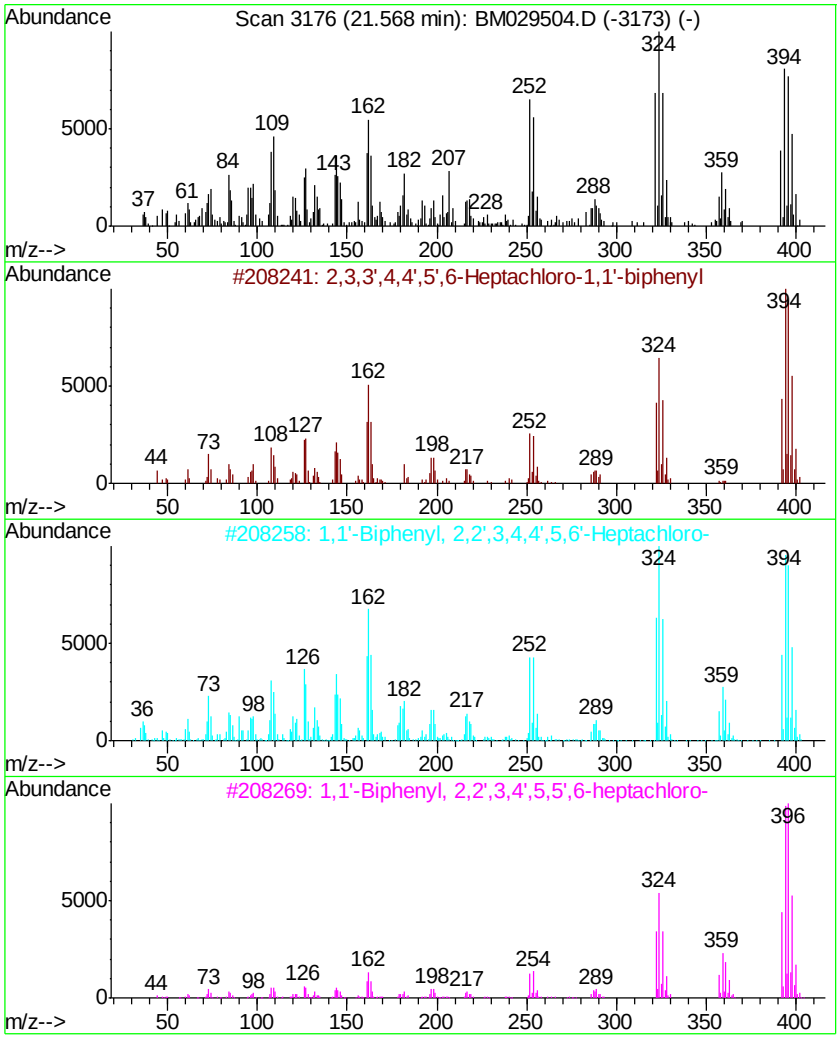
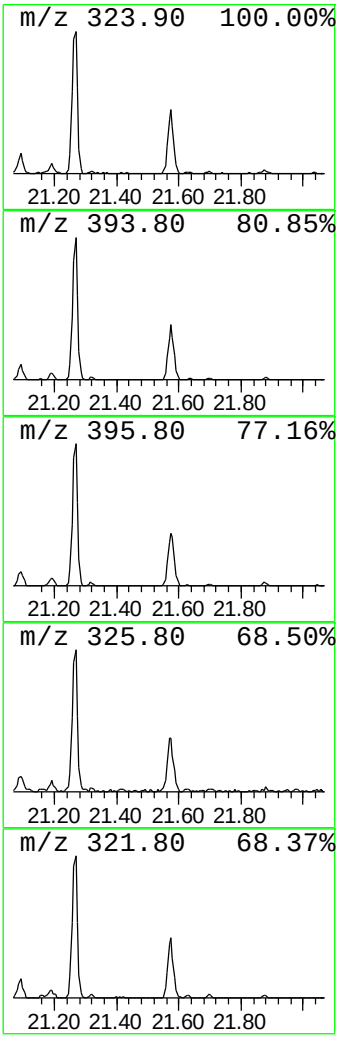
Peak Number 26 2,3,3',4,4',5',6-Heptachlor... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	3.98 ng/ul	250891	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	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',5,5',6-...	392	C12H3Cl7	052663-68-0	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99





Tentatively Identified Compound (LSC) summary

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Data File : BM029504.D
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Sample : M1960-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B50

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...	2.93	3.5	ng/ul	145224	1	7.67	832757	20.0
(DEL) Alkane: Str...	3.10	57.6	ng/ul	2397650	1	7.67	832757	20.0
(DEL) Alkane: Cyc...	3.43	2.0	ng/ul	84775	1	7.67	832757	20.0
1,1'-Biphenyl, 3,...	17.66	6.2	ng/ul	450034	4	17.06	1457360	20.0
1,1'-Biphenyl, 2'...	17.90	2.5	ng/ul	178287	4	17.06	1457360	20.0
1,1'-Biphenyl, 2,...	18.13	4.2	ng/ul	305092	4	17.06	1457360	20.0
1,1'-Biphenyl, 2,...	18.19	2.7	ng/ul	194796	4	17.06	1457360	20.0
2,2',3,6-Tetrachl...	18.42	3.9	ng/ul	281815	4	17.06	1457360	20.0
2,3',4,5-Tetrachl...	18.59	2.7	ng/ul	197052	4	17.06	1457360	20.0
2,3',5',6-Tetrach...	18.90	2.4	ng/ul	171563	4	17.06	1457360	20.0
1,1'-Biphenyl, 2,...	18.99	7.0	ng/ul	507642	4	17.06	1457360	20.0
3,3',4,5-Tetrachl...	19.20	4.6	ng/ul	287321	5	21.23	1260190	20.0
1,1'-Biphenyl, 2,...	19.26	5.3	ng/ul	333358	5	21.23	1260190	20.0
Hexadecanoic acid...	19.39	2.1	ng/ul	131404	5	21.23	1260190	20.0
2,3,3',4,5-Pentac...	19.71	4.1	ng/ul	260535	5	21.23	1260190	20.0
2,2',3,4,5,6-Hexa...	19.83	2.6	ng/ul	163552	5	21.23	1260190	20.0
2,2',3,4',5,6'-He...	19.97	8.1	ng/ul	508551	5	21.23	1260190	20.0
1,1'-Biphenyl, 2,...	20.02	2.3	ng/ul	147502	5	21.23	1260190	20.0
2,2',3,4,6,6'-Hex...	20.25	10.0	ng/ul	630172	5	21.23	1260190	20.0
2,2',3,5,6,6'-Hex...	20.30	3.0	ng/ul	187237	5	21.23	1260190	20.0
1,1'-Biphenyl, 2,...	20.40	3.6	ng/ul	229553	5	21.23	1260190	20.0
1,1'-Biphenyl, 2,...	20.56	9.7	ng/ul	608225	5	21.23	1260190	20.0
1,1'-Biphenyl, 2,...	20.71	4.1	ng/ul	256492	5	21.23	1260190	20.0
1,1'-Biphenyl, 2,...	20.77	2.0	ng/ul	128348	5	21.23	1260190	20.0
1,1'-Biphenyl, 2,...	20.98	4.3	ng/ul	273477	5	21.23	1260190	20.0
2,3,3',4,4',5',6-...	21.57	4.0	ng/ul	250891	5	21.23	1260190	20.0