LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029485.D
Acq On : 15 Apr 2021 04:00
Operator : CG/JU
Sample : M1958-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B51

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	16	rVB	133941	149039	6.49%	0.951%
2	3.017	19	22	25	rVV	36465	40804	1.78%	0.260%
3	3.046	25	27	29	rVV2	15237	14666	0.64%	0.094%
4	3.069	29	31	33	rVV	23240	19434	0.85%	0.124%
5	3.111	33	38	42	rVB	2174996	2295290	100.00%	14.642%
6	3.411	86	89	90	rBV3	6308	7092	0.31%	0.045%
7	3.440	90	94	100	rVB	72770	85948	3.74%	0.548%
8	3.534	106	110	114	rVB6	5282	7819	0.34%	0.050%
9	3.816	153	158	165	rVB5	5097	9679	0.42%	0.062%
10	3.905	169	173	178	rVB3	14566	19840	0.86%	0.127%
11	4.087	200	204	207	rVB5	3610	4910	0.21%	0.031%
12	4.116	207	209	216	rVB5	2727	4023	0.18%	0.026%
13	4.446	261	265	269	rVB3	6791	8474	0.37%	0.054%
14	4.811	323	327	330	rBV6	2389	3573	0.16%	0.023%
15	4.846	330	333	339	rVB5	2782	4116	0.18%	0.026%
16	5.158	378	386	388	rBV5	3002	5382	0.23%	0.034%
17	5.216	391	396	398	rVB5	2459	3639	0.16%	0.023%
18	5.334	412	416	425	rBV5	6508	12999	0.57%	0.083%
19	5.710	474	480	486	rVB3	7144	11680	0.51%	0.075%
20	5.969	519	524	526	rVB3	2241	3150	0.14%	0.020%
21	6.175	555	559	566	rBV7	2334	4369	0.19%	0.028%
22	6.316	581	583	588	rBV4	2224	3200	0.14%	0.020%
23	6.652	636	640	643	rBV6	1860	3044	0.13%	0.019%
24	6.769	657	660	665	rVB3	5117	7560	0.33%	0.048%
25	6.834	665	671	677	rVV4	4895	8898	0.39%	0.057%
26	6.904	679	683	688	rVB6	3228	5258	0.23%	0.034%
27	7.316	746	753	761	rVB5	10040	24143	1.05%	0.154%
28	7.675	806	814	824	rBV	607674	942923	41.08%	6.015%
29	7.787	831	833	841	rVB6	2702	5814	0.25%	0.037%
30	8.222	901	907	913	rVB5	3877	7986	0.35%	0.051%
31	8.316	918	923	927	rBV4	4685	8938	0.39%	0.057%
32	8.781	997	1002	1006	rBV6	2941	4432	0.19%	0.028%
33	8.904	1018	1023	1030	rVB3	7121	12751	0.56%	0.081%
34	9.022	1042	1043	1051	rVB6	2198	3014	0.13%	0.019%

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Title : SVOA CALIBRATION

35	10.322	1259	1264	1269	rBV4	8645	14517	0.63%	0.093%
36	10.457	1279	1287	1294	rBV	725619	1216176	52.99%	7.758%
37	10.634	1312	1317	1322	rVB7	2398	4043	0.18%	0.026%
38	11.487	1456	1462	1470	rBV6	3749	7771	0.34%	0.050%
39	11.898	1528	1532	1539	rVB5	2786	5319	0.23%	0.034%
40	12.122	1566	1570	1576	rBV4	5903	9586	0.42%	0.061%
41	12.345	1603	1608	1615	rVB2	5185	8090	0.35%	0.052%
42	12.863	1691	1696	1699	rBV3	2784	3980	0.17%	0.025%
43	13.145	1741	1744	1751	rVB4	4051	6352	0.28%	0.041%
44	13.481	1797	1801	1802	rBV3	2417	2925	0.13%	0.019%
45	13.633	1823	1827	1831	rBV4	5605	7288	0.32%	0.046%
46	13.692	1833	1837	1840	rVV5	3198	4066	0.18%	0.026%
47	13.728	1840	1843	1848	rVB4	2792	3913	0.17%	0.025%
48	13.816	1854	1858	1861	rVB3	2649	3584	0.16%	0.023%
49	13.875	1865	1868	1872	rVB5	3205	3912	0.17%	0.025%
50	14.051	1892	1898	1899	rBV4	3119	4237	0.18%	0.027%
51	14.145	1910	1914	1918	rBV6	3007	4350	0.19%	0.028%
52	14.228	1922	1928	1931	rBV5	5094	8538	0.37%	0.054%
53	14.316	1935	1943	1951	rBV	859490	1290270	56.21%	8.231%
54	14.539	1977	1981	1983	rBV5	2079	3513	0.15%	0.022%
55	14.722	2006	2012	2019	rVB5	6935	12429	0.54%	0.079%
56	14.798	2019	2025	2028	rBV7	2754	4545	0.20%	0.029%
57	15.104	2074	2077	2083	rBV8	6647	11737	0.51%	0.075%
58	15.186	2087	2091	2092	rBV4	6001	6631	0.29%	0.042%
59	15.363	2116	2121	2127	rBV6	10603	19473	0.85%	0.124%
60	15.804	2191	2196	2197	rBV4	5009	7158	0.31%	0.046%
61	16.045	2233	2237	2238	rBV4	10109	11301	0.49%	0.072%
62	16.069	2238	2241	2244	rVB5	8885	11634	0.51%	0.074%
63	16.592	2326	2330	2334	rBV4	27885	35774	1.56%	0.228%
64	17.057	2403	2409	2413	rBV	878629	1236880	53.89%	7.890%
65	17.098	2413	2416	2421	rVB	148449	203187	8.85%	1.296%
66	17.239	2436	2440	2446	rVB2	55029	82424	3.59%	0.526%
67	17.663	2506	2512	2519	rBV	275616	405439	17.66%	2.586%
68	17.774	2527	2531	2538	rVB4	37668	59901	2.61%	0.382%
69	17.904	2549	2553	2559	rBV2	94935	150042	6.54%	0.957%
70	17.963	2560	2563	2571	rVB3	54182	94542	4.12%	0.603%
71	18.127	2586	2591	2595	rBV	190249	254718	11.10%	1.625%

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Instrument : BNA_M
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Integrator: RTE
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Title : SVOA CALIBRATION

72	18.186	2597	2601	2605	rVV	125229	173879	7.58%	1.109%
73	18.233	2605	2609	2619	rVB3	71643	106497	4.64%	0.679%
74	18.416	2635	2640	2645	rBV2	147464	234640	10.22%	1.497%
75	18.463	2645	2648	2653	rVB	59583	76670	3.34%	0.489%
76	18.551	2660	2663	2666	rBV3	41997	53005	2.31%	0.338%
77	18.592	2666	2670	2676	rVB	120619	166695	7.26%	1.063%
78	18.692	2684	2687	2692	rVB4	31472	41886	1.82%	0.267%
79	18.898	2718	2722	2727	rBV2	109625	144642	6.30%	0.923%
80	18.951	2728	2731	2732	rVV2	47234	55645	2.42%	0.355%
81	18.986	2732	2737	2744	rVB3	242758	395495	17.23%	2.523%
82	19.115	2754	2759	2764	rVB	144002	201693	8.79%	1.287%
83	19.198	2769	2773	2780	rVV2	103906	231988	10.11%	1.480%
84	19.263	2780	2784	2791	rVV2	170321	235845	10.28%	1.505%
85	19.327	2792	2795	2799	rVB5	40268	49165	2.14%	0.314%
86	19.598	2839	2841	2845	rVB5	46184	53820	2.34%	0.343%
87	19.710	2854	2860	2865	rVB2	118300	190295	8.29%	1.214%
88	19.833	2878	2881	2885	rBV3	58559	68842	3.00%	0.439%
89	19.968	2900	2904	2909	rVB	243606	310586	13.53%	1.981%
90	20.021	2909	2913	2918	rBV3	78224	102887	4.48%	0.656%
91	20.251	2947	2952	2957	rBV	280213	354267	15.43%	2.260%
92	20.304	2957	2961	2963	rBV4	80655	107457	4.68%	0.685%
93	20.404	2975	2978	2983	rVB5	82189	115161	5.02%	0.735%
94	20.562	2999	3005	3011	rVB2	190555	321375	14.00%	2.050%
95	20.709	3027	3030	3035	rVB2	124278	135436	5.90%	0.864%
96	20.980	3073	3076	3080	rVB4	108911	122359	5.33%	0.781%
97	21.233	3114	3119	3122	rBV	831282	1031044	44.92%	6.577%
98	21.262	3122	3124	3131	rVB2	318854	374881	16.33%	2.391%
99	21.574	3173	3177	3182	rBV5	108186	154448	6.73%	0.985%
100	23.439	3489	3494	3505	rVB2	570470	1091147	47.54%	6.961%

Sum of corrected areas: 15675882

LSC Report - Integrated Chromatogram

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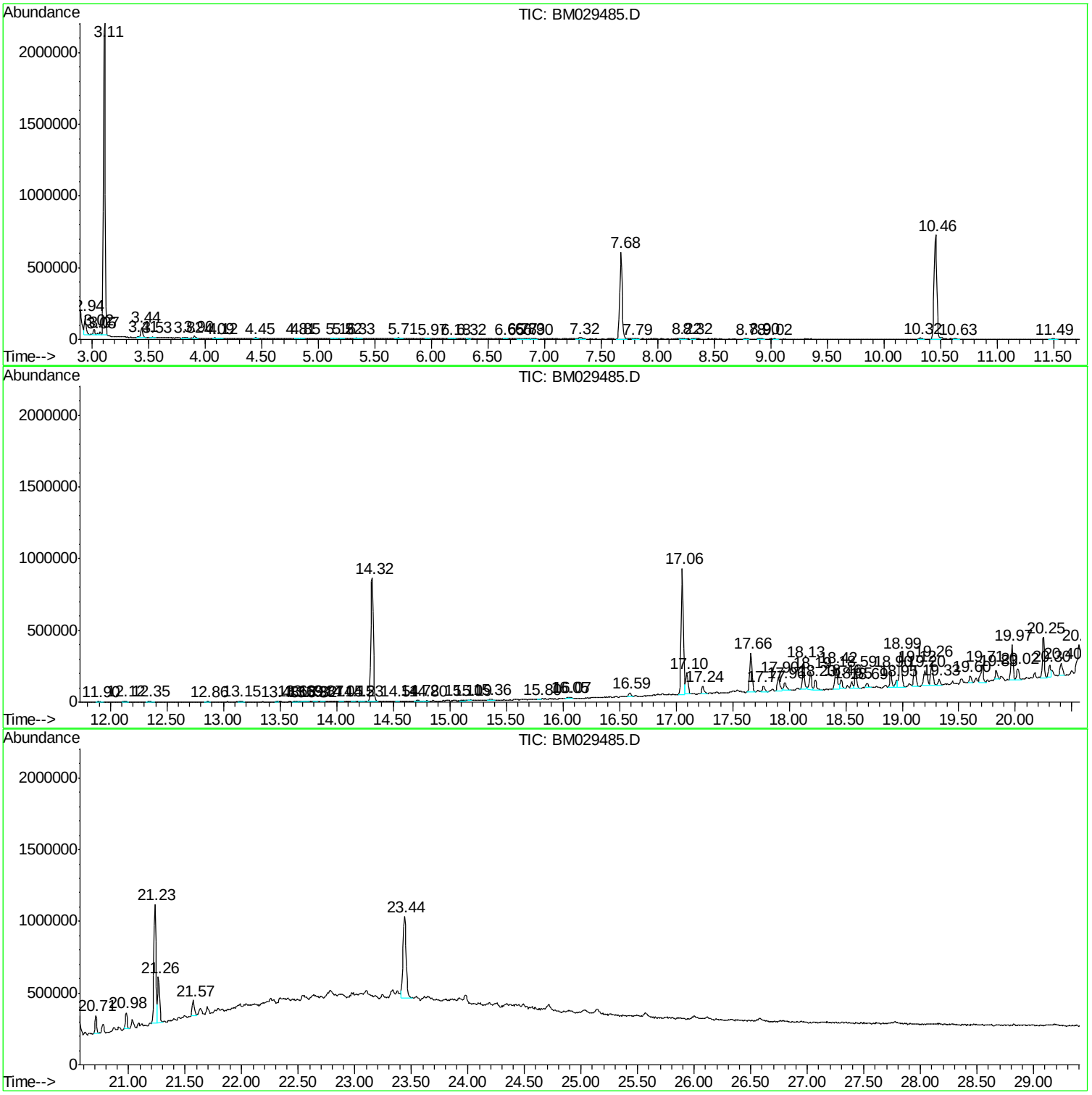
Instrument : BNA_M
ClientSampleId : C0B51

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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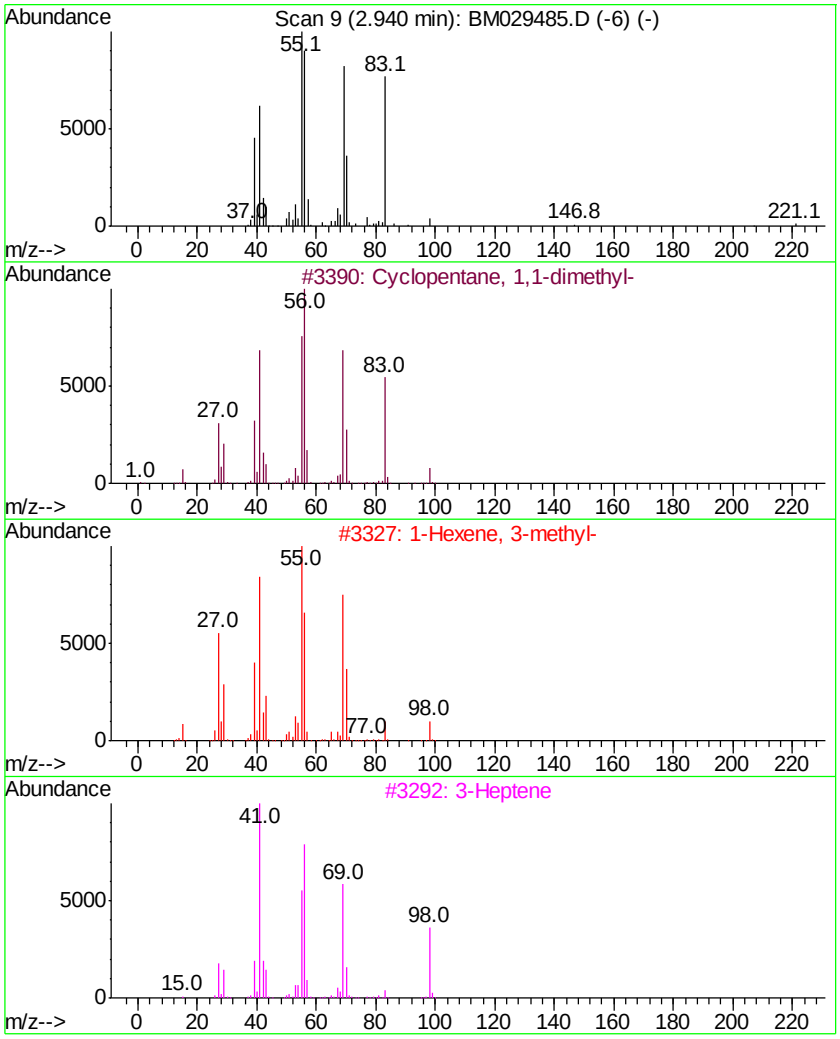
Quant Title : SVOA CALIBRATION

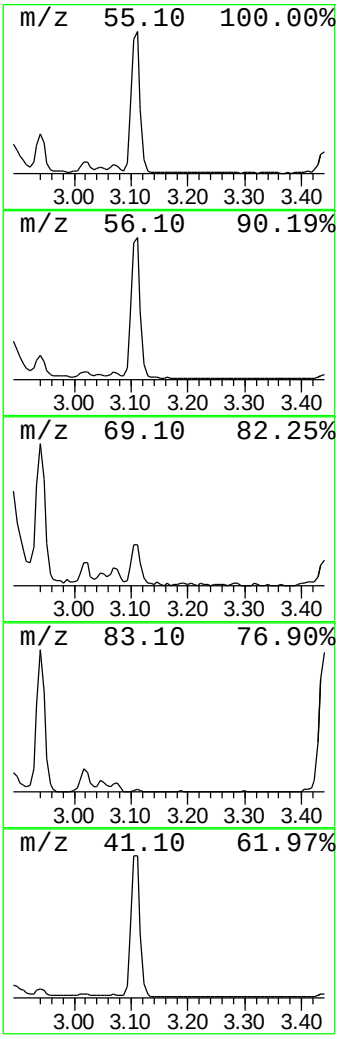
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic2.94 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.94	3.16 ng/ul	149039	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	72
2	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	59
3	3-Heptene	98	C7H14	000592-78-9	49
4	3-Heptene, (E)-	98	C7H14	014686-14-7	49
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	49





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ClientSampleId : C0B51

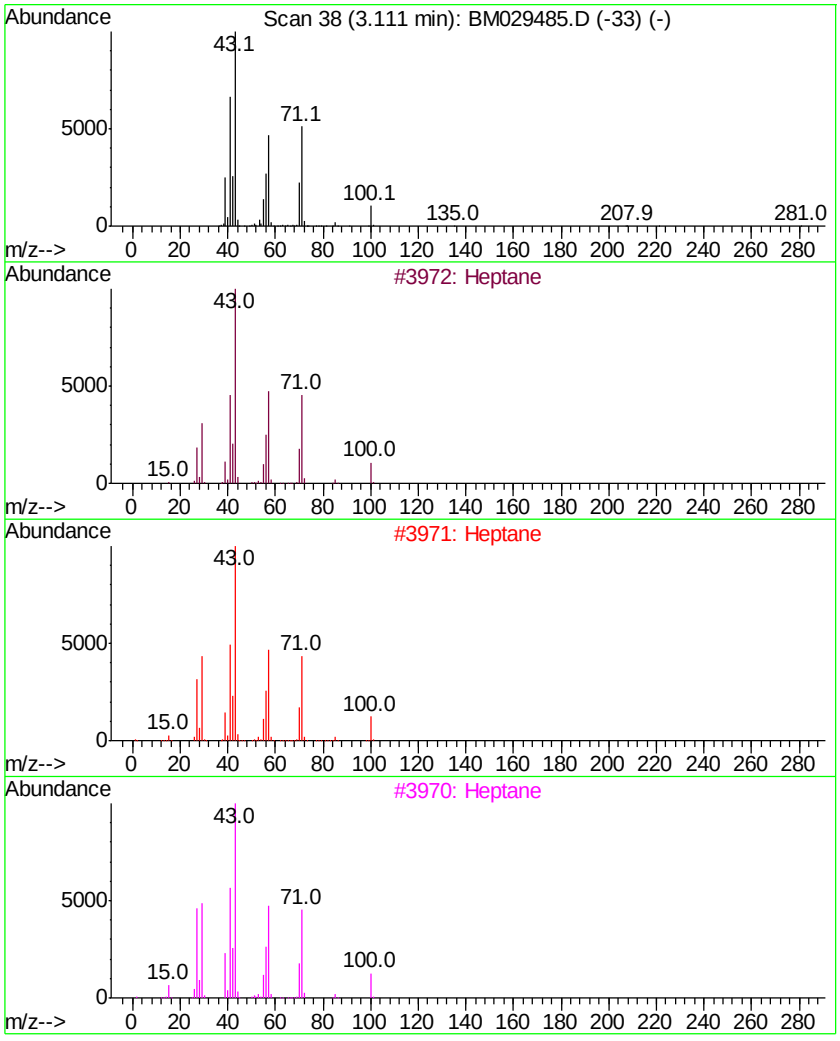
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

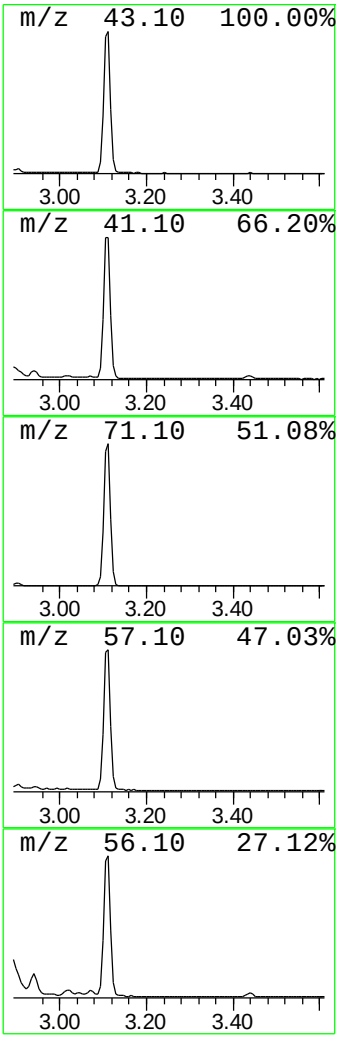
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.11	48.68 ng/ul	2295290	1,4-Dichlorobenzene-d4	7.68

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	80
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	45





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Quant Title : SVOA CALIBRATION

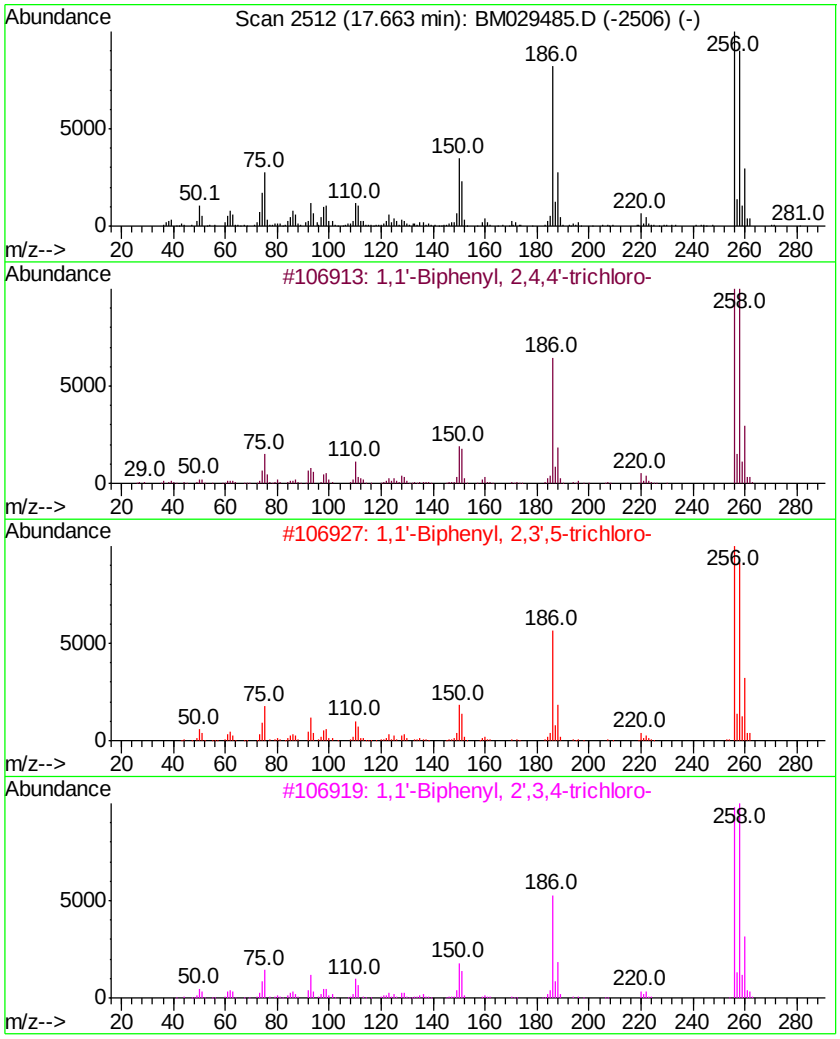
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

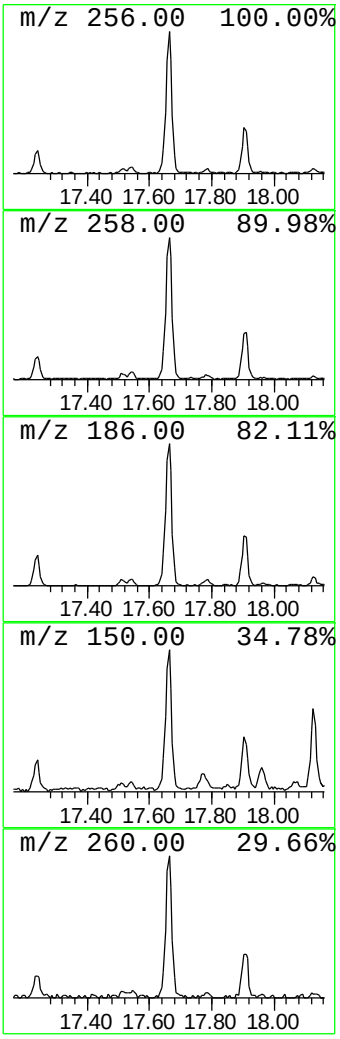
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	6.56 ng/ul	405439	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
4	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99





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Quant Title : SVOA CALIBRATION

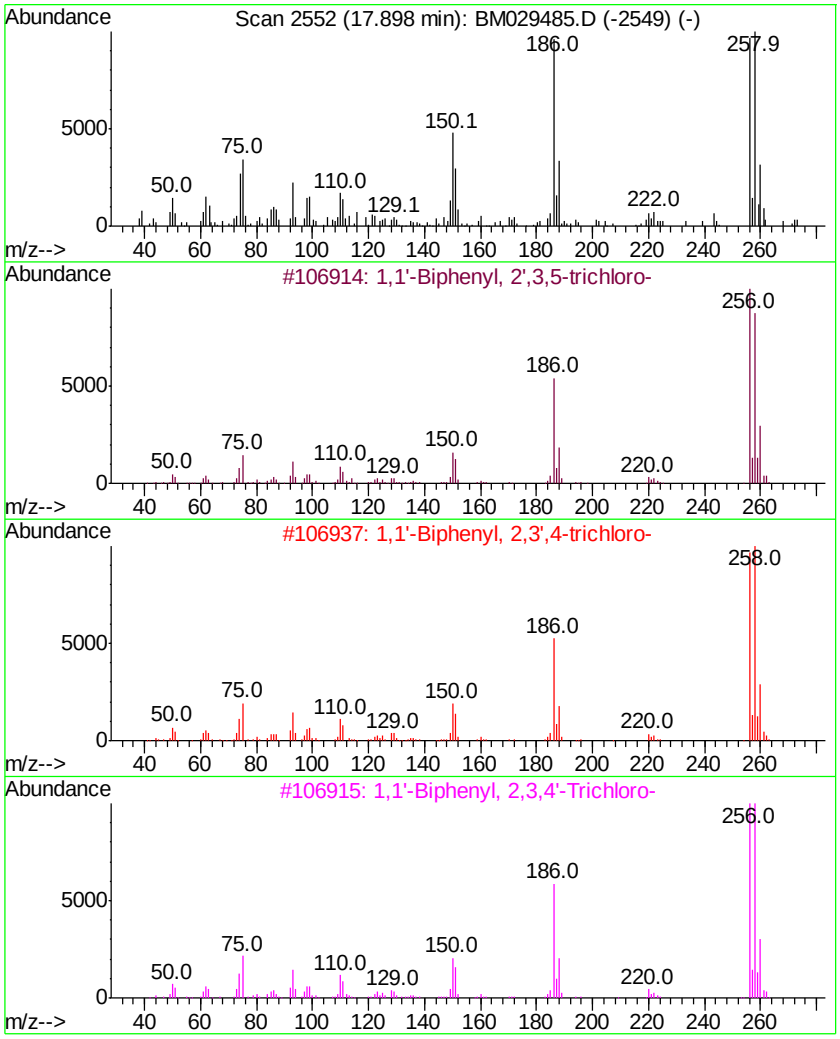
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

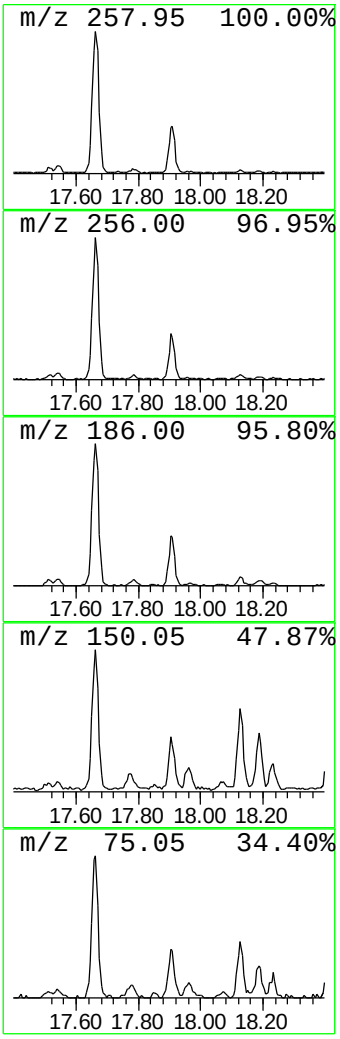
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	2.43 ng/ul	150042	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,5-trichloro-	256	C12H7Cl3	037680-68-5	99
2	1,1'-Biphenyl, 2,3',4-trichloro-	256	C12H7Cl3	055712-37-3	99
3	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	99
4	1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99





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Quant Title : SVOA CALIBRATION

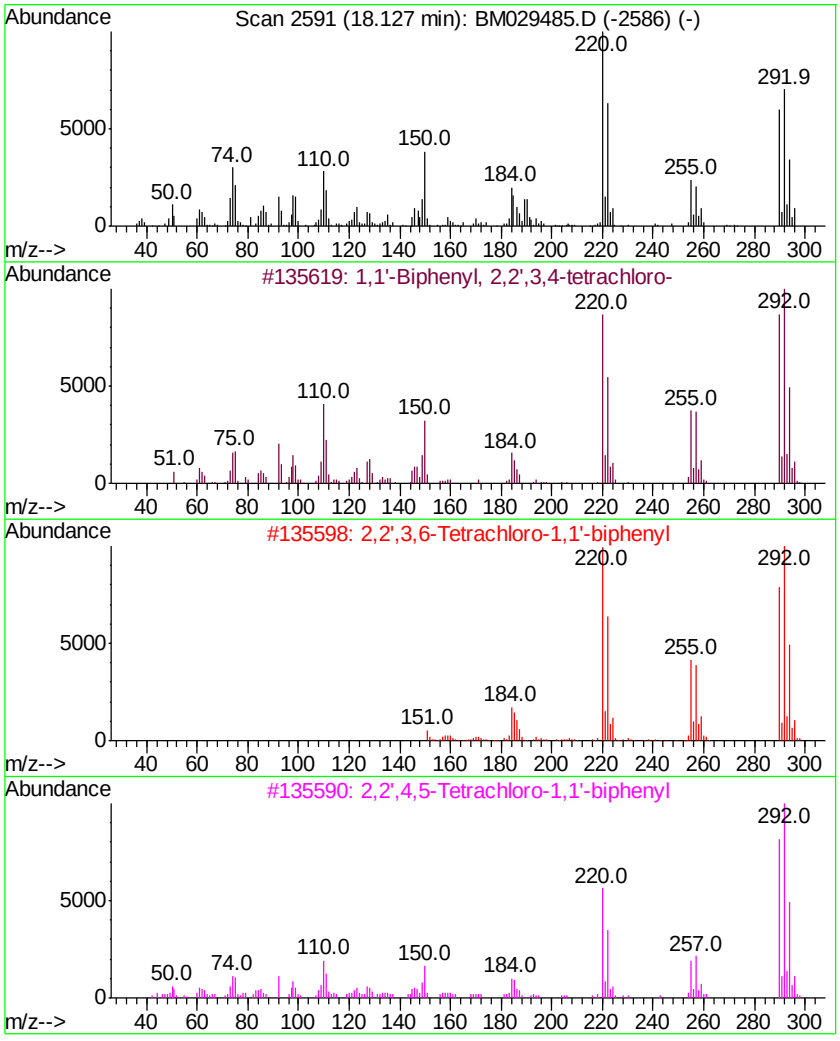
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

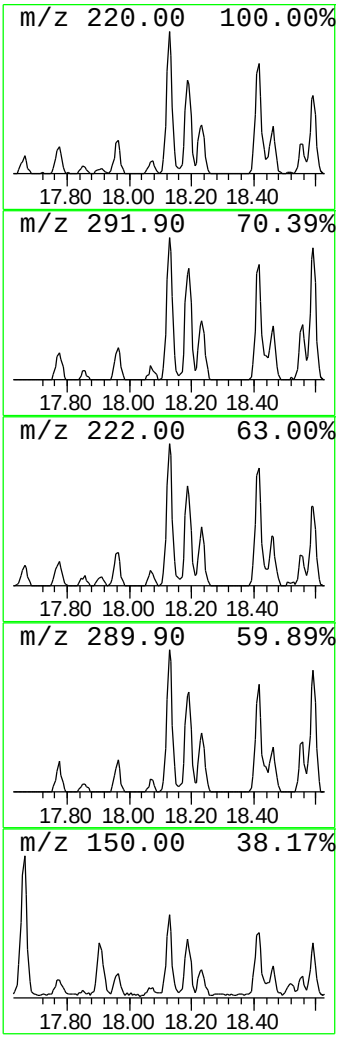
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	4.12 ng/ul	254718	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',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99





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Acq On : 15 Apr 2021 04:00
Operator : CG/JU
Sample : M1958-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B51

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Quant Title : SVOA CALIBRATION

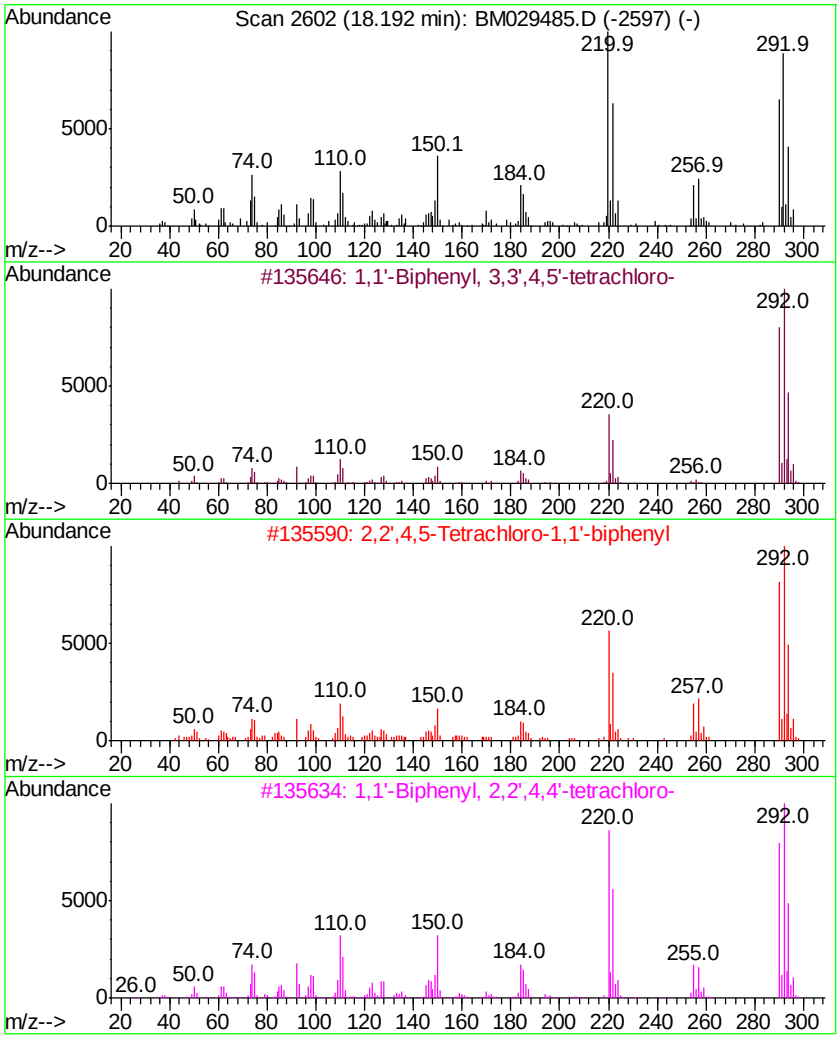
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

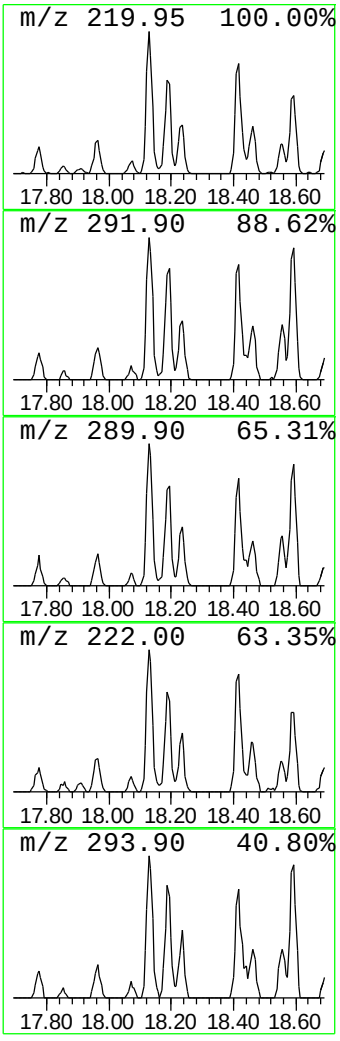
****

Peak Number 6 1,1'-Biphenyl, 3,3',4,5'-te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.81 ng/ul	173879	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	98





Library Search Compound Report

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Operator : CG/JU
Sample : M1958-18
Misc :
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Instrument : BNA_M
ClientSampleId : C0B51

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Quant Title : SVOA CALIBRATION

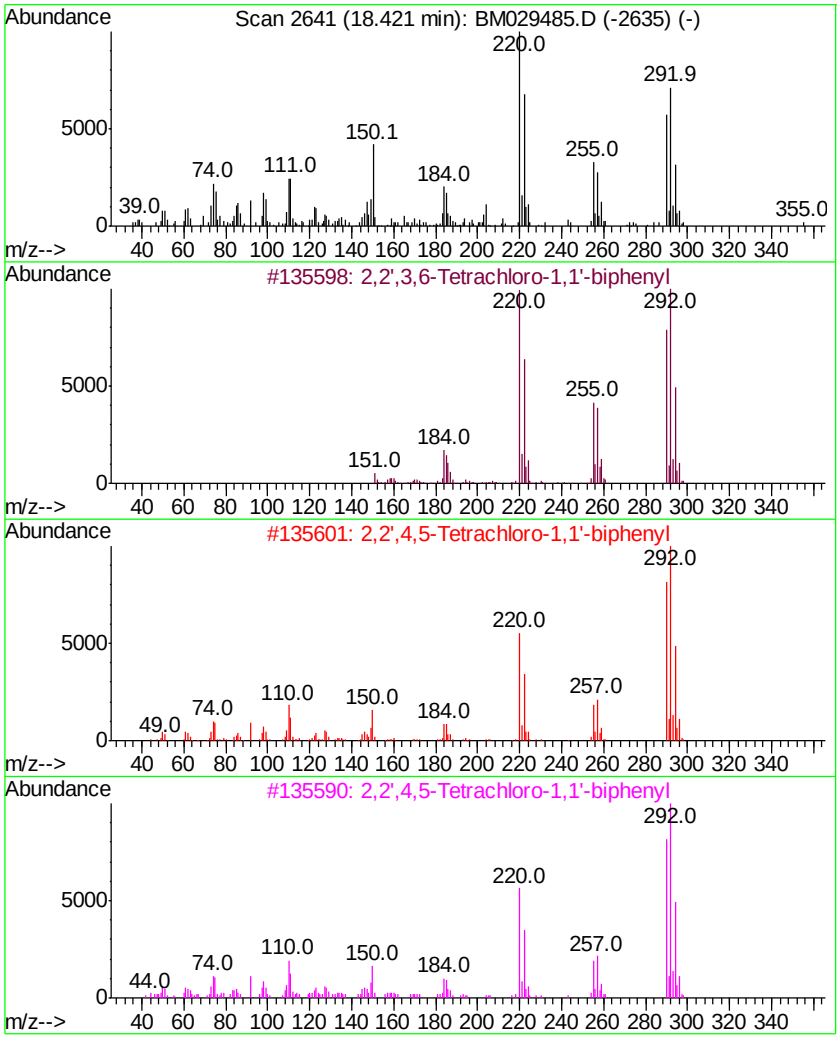
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

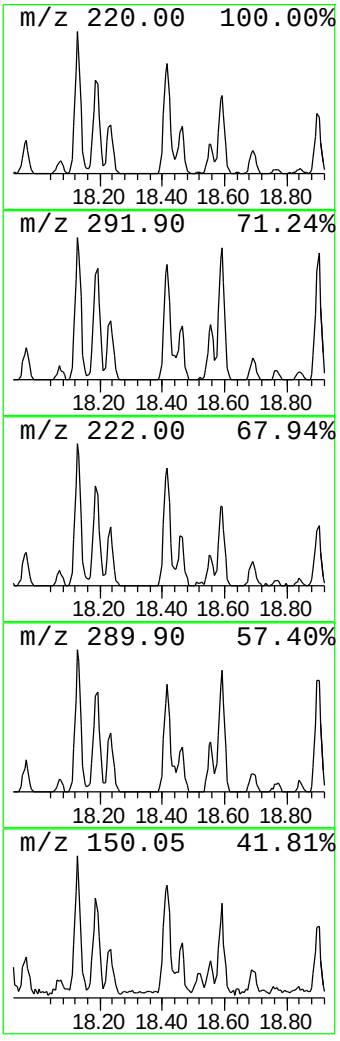
****

Peak Number 7 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.79 ng/ul	234640	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99





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Sample : M1958-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B51

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Quant Title : SVOA CALIBRATION

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

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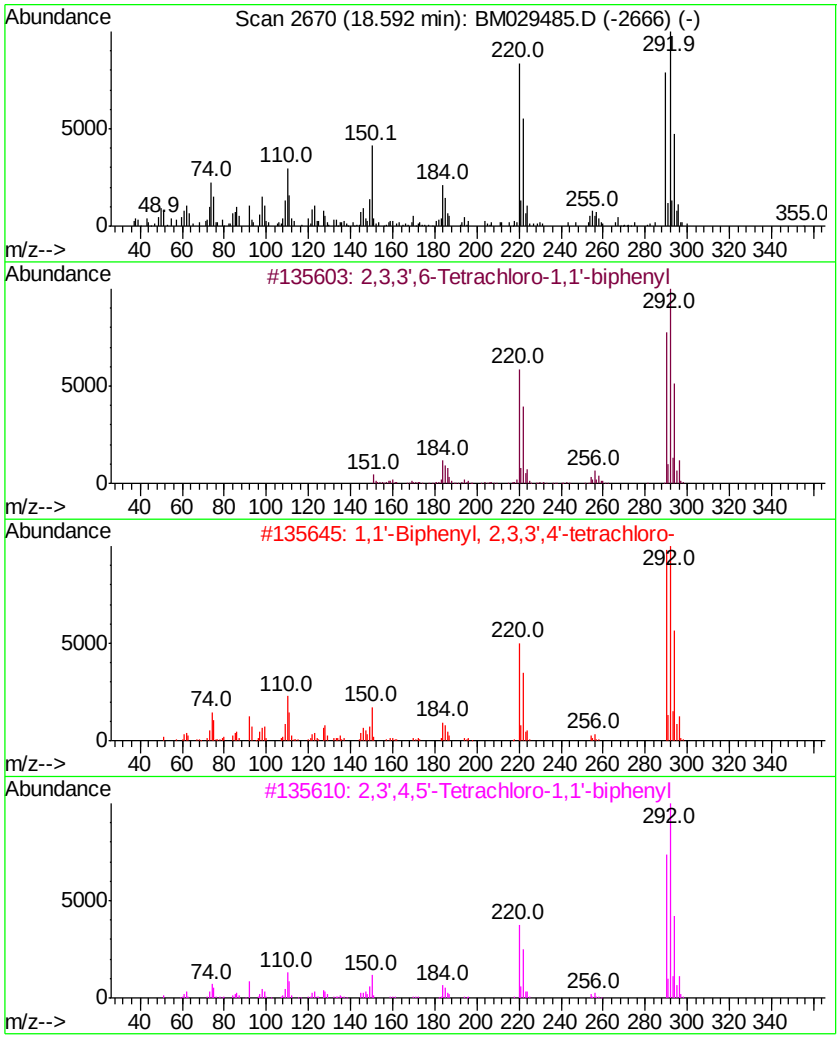
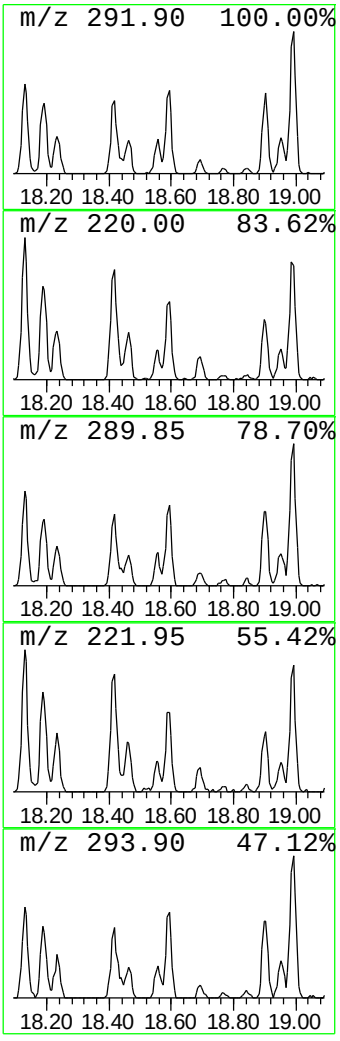
Peak Number 8 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	2.70 ng/ul	166695	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
2	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
3	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
4	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
5	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0B51

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Quant Title : SVOA CALIBRATION

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

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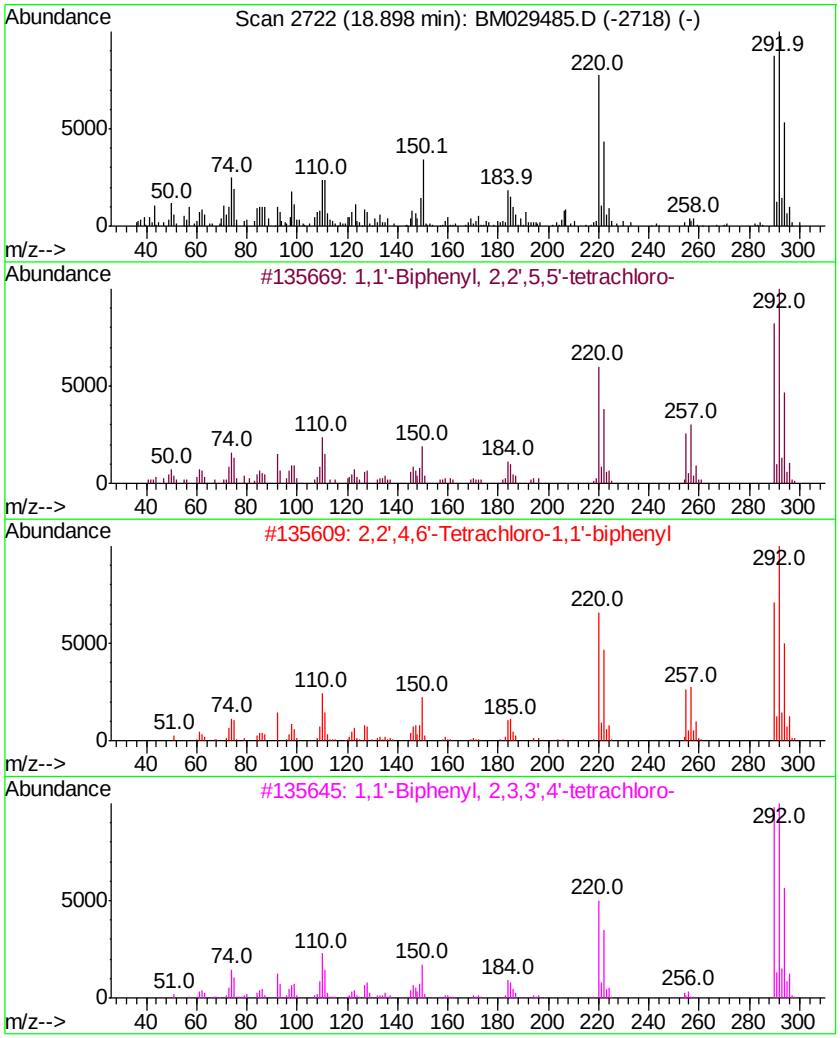
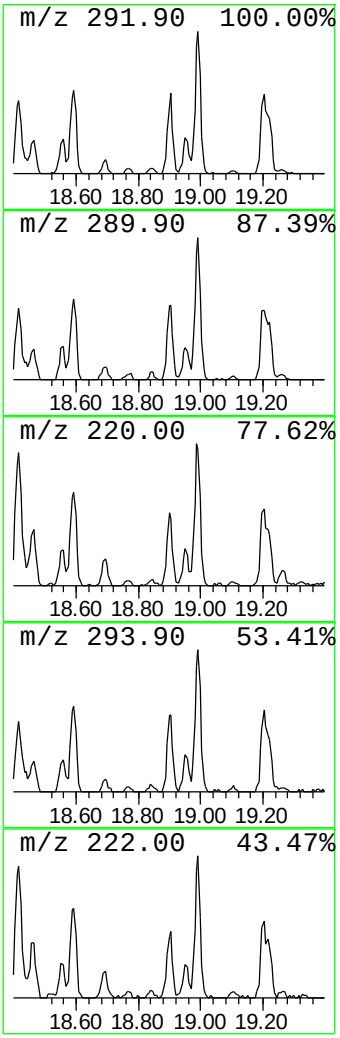
Peak Number 9 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	2.34 ng/ul	144642	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	98
2	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	98
3	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	98
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	97
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	97





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Misc :
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Instrument : BNA_M
ClientSampleId : C0B51

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Quant Title : SVOA CALIBRATION

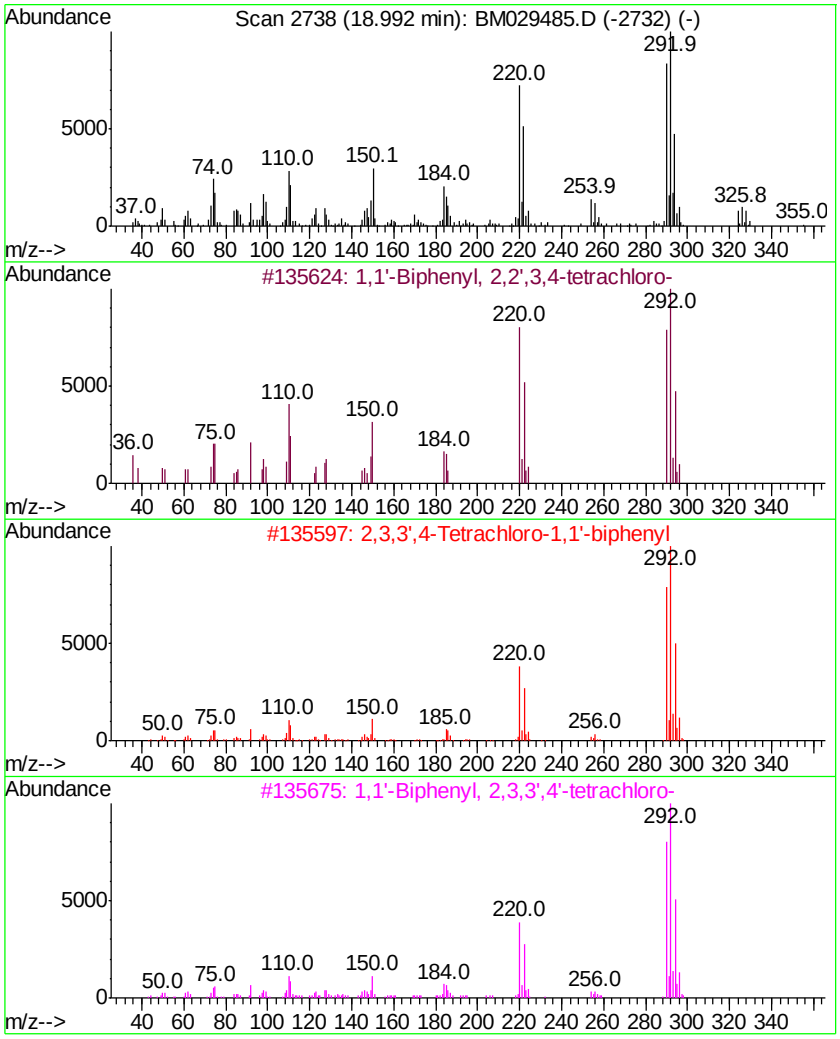
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

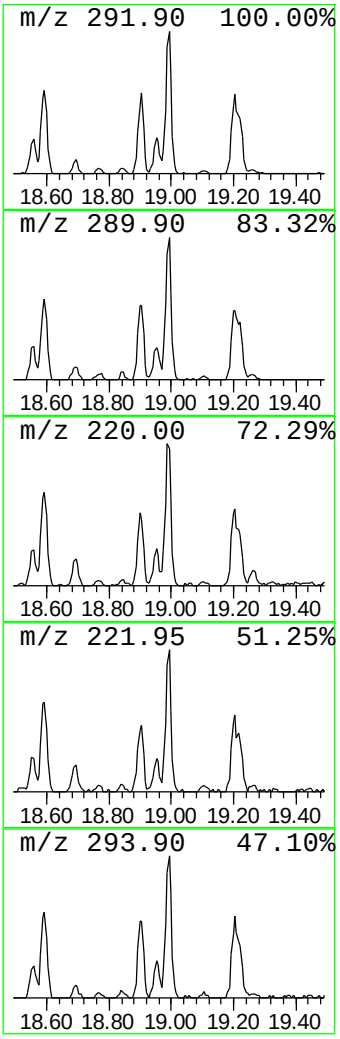
****

Peak Number 10 2,3,3',4-Tetrachloro-1,1'-b... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	6.40 ng/ul	395495	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	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	99
3	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	98
4	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	98
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	98





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Operator : CG/JU
Sample : M1958-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B51

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Quant Title : SVOA CALIBRATION

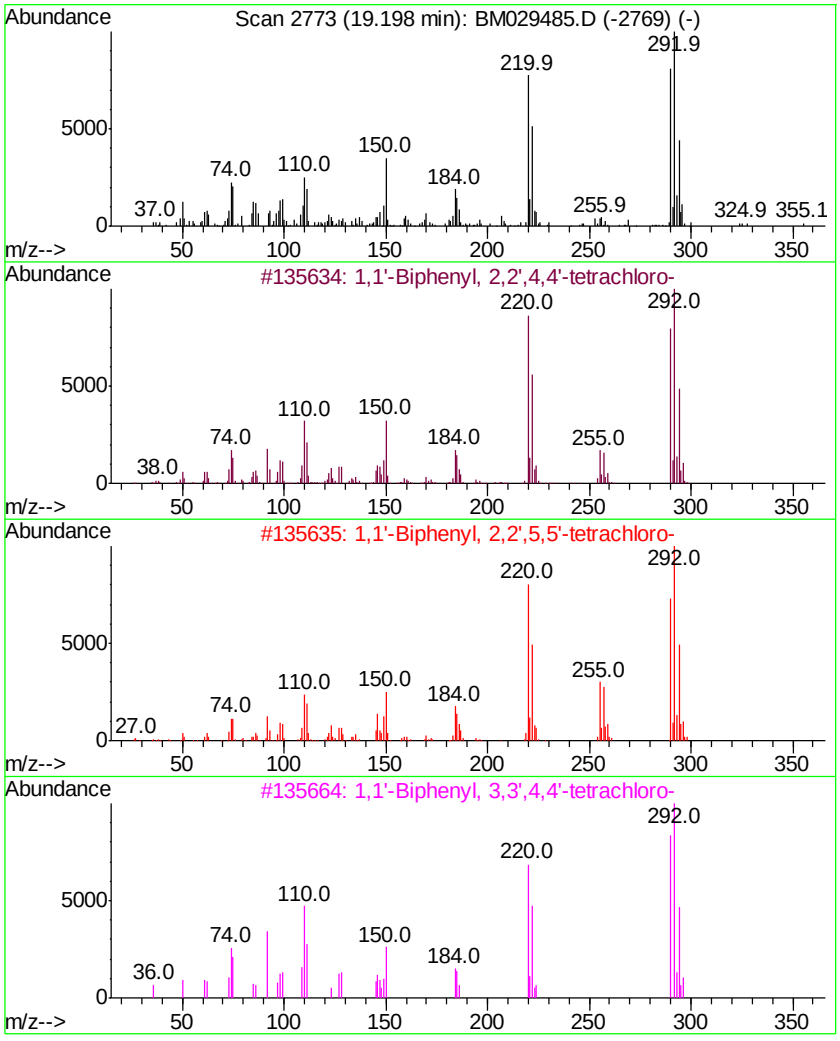
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

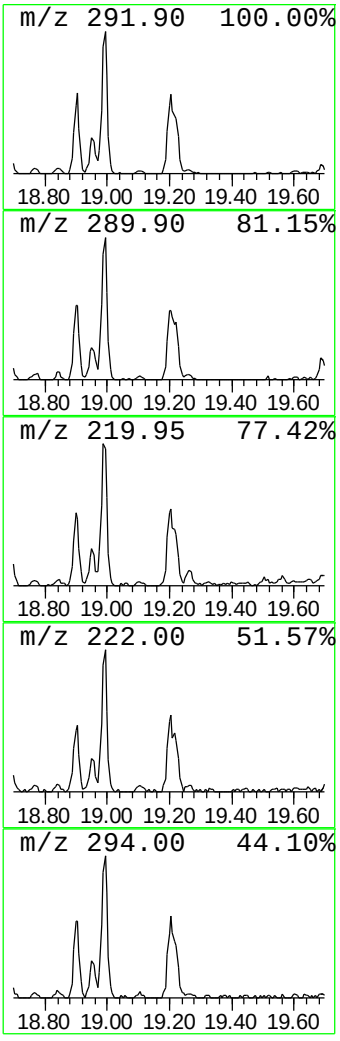
****

Peak Number 11 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	4.50 ng/ul	231988	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	97
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	97
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	96
4	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	96
5	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	96





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Sample : M1958-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B51

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Quant Title : SVOA CALIBRATION

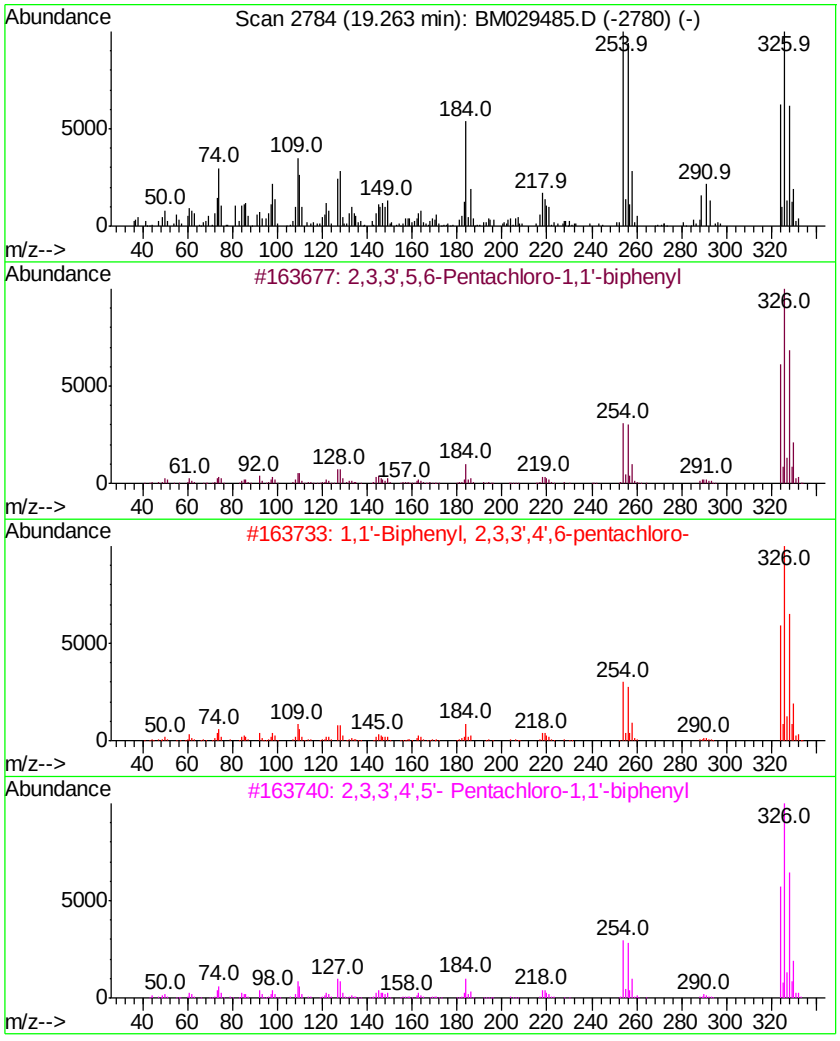
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

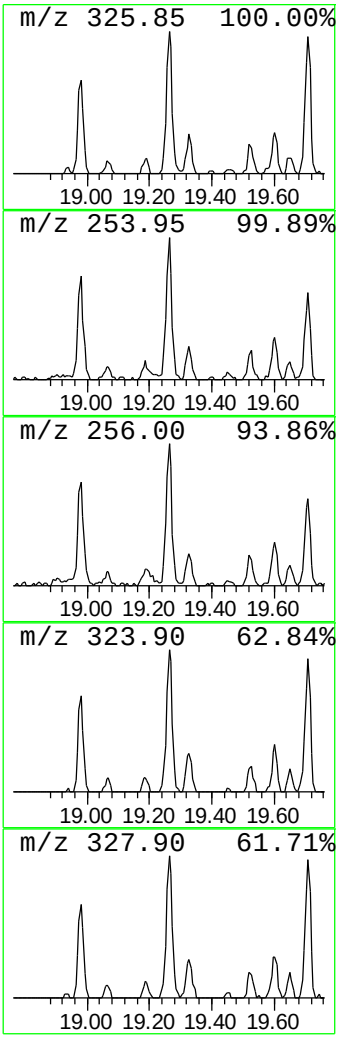
****

Peak Number 12 2,3,3',5,6-Pentachloro-1,1'... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	4.57 ng/ul	235845	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
5	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99





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Sample : M1958-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B51

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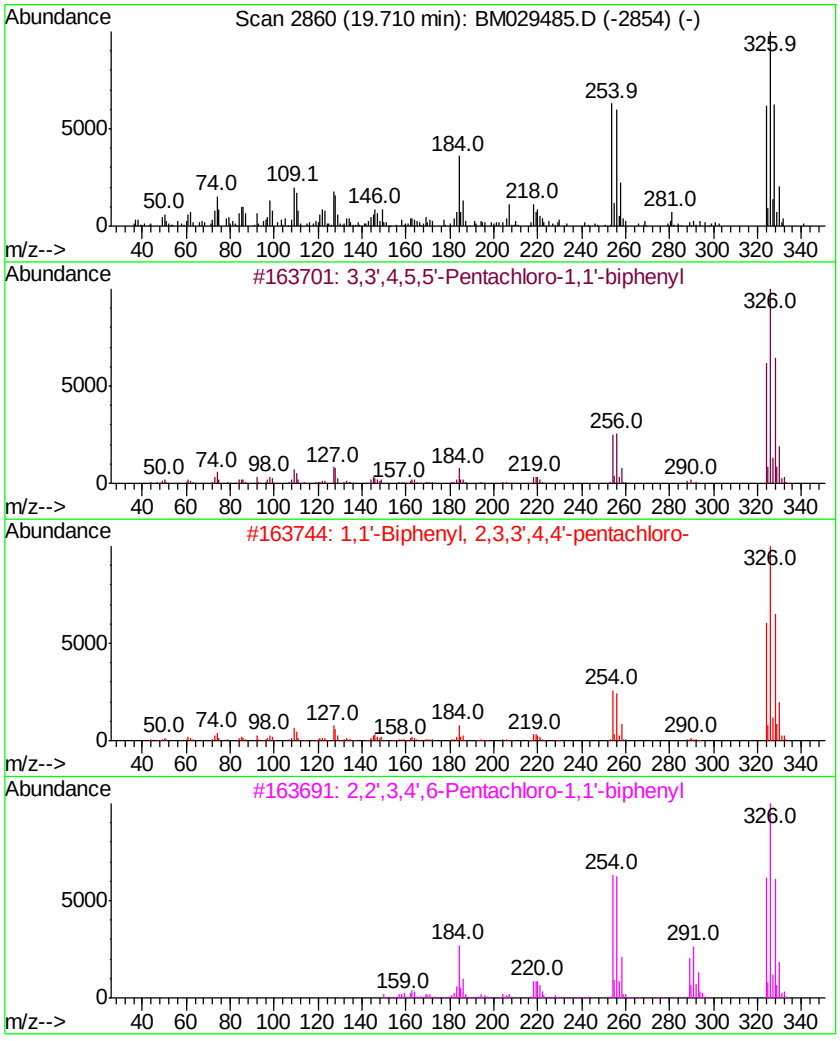
Quant Title : SVOA CALIBRATION

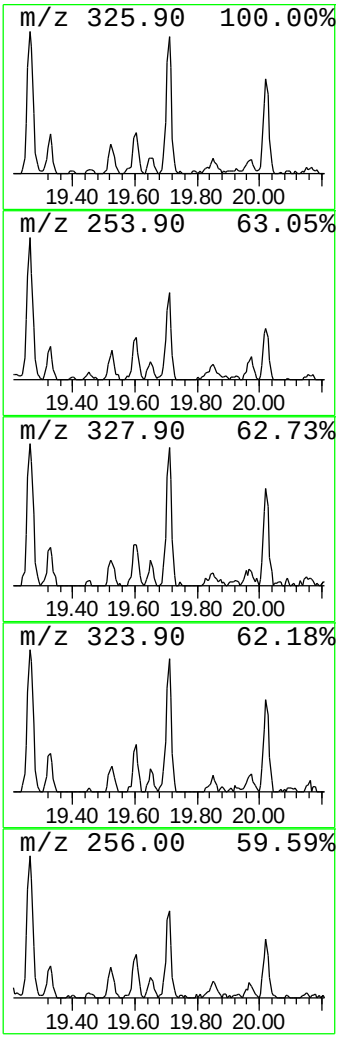
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 3,3',4,5,5'-Pentachloro-1,1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	3.69 ng/ul	190295	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	98
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	97
3	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	96
4	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	96
5	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	96





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

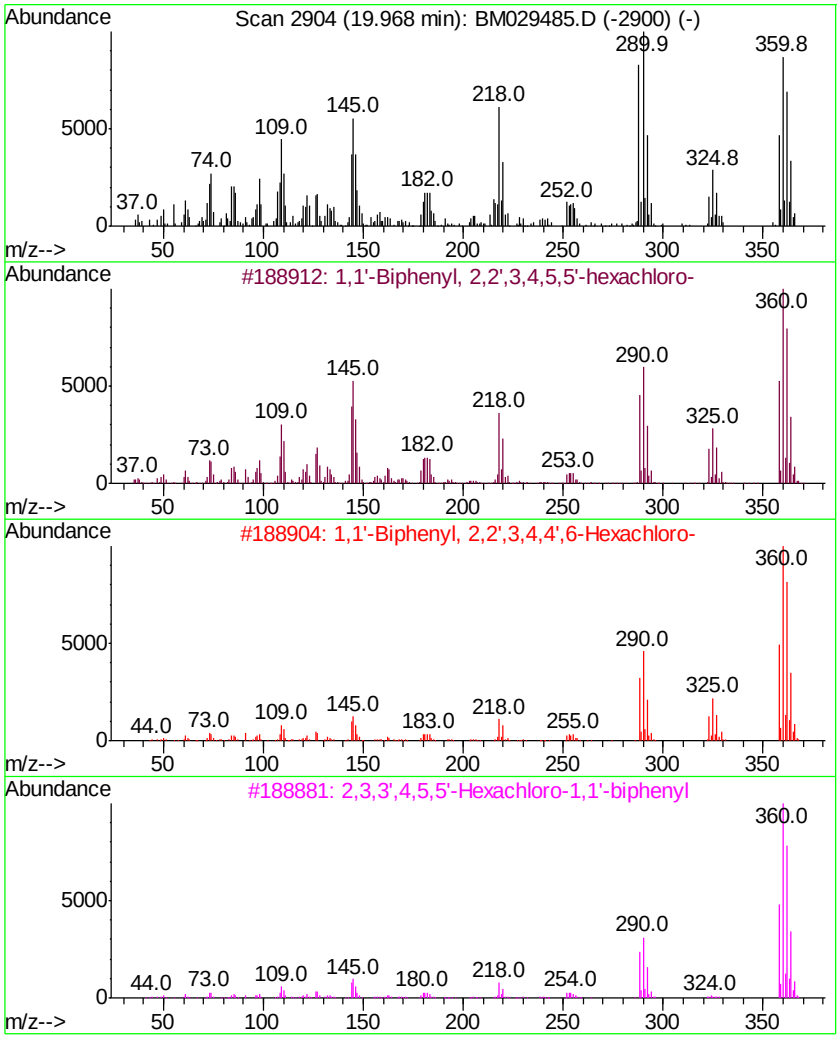
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

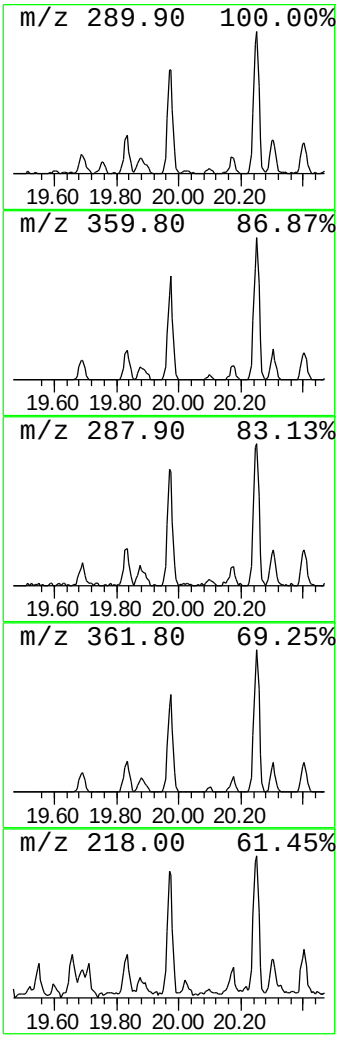
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	6.02 ng/ul	310586	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, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
3	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	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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****

Peak Number 15 2,3',4,4',5',6-Hexachloro-1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	6.87 ng/ul	354267	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
2	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
3	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99
4	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
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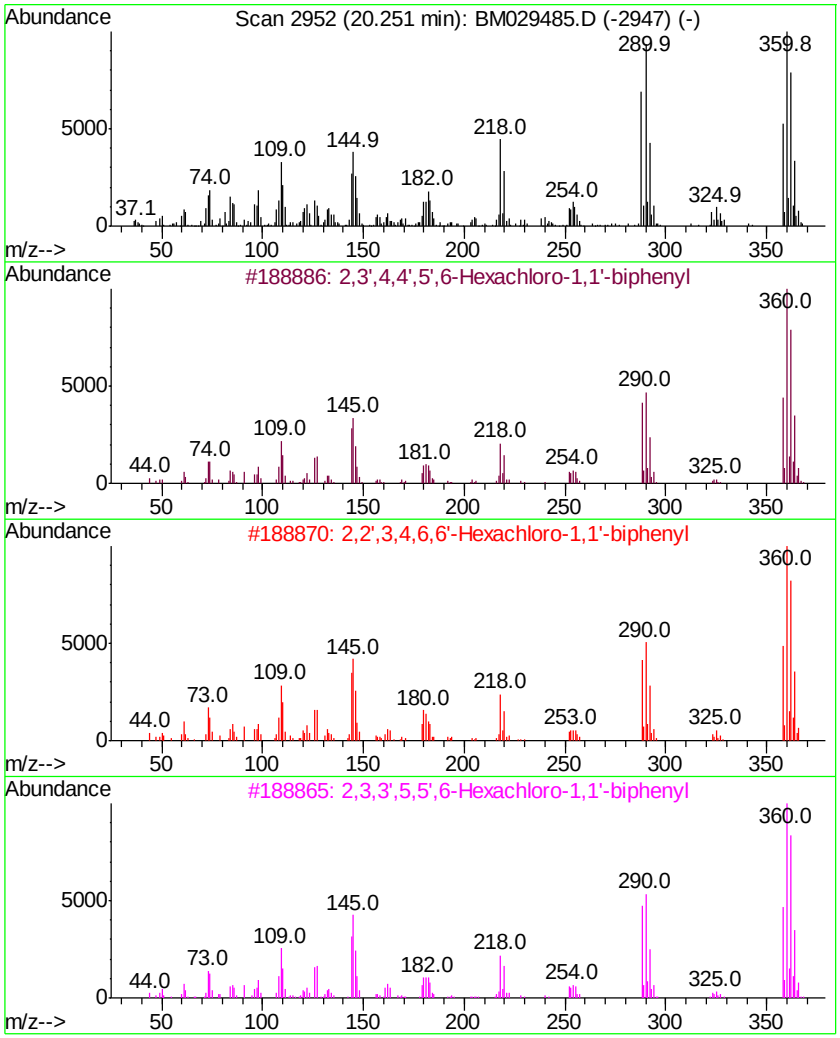

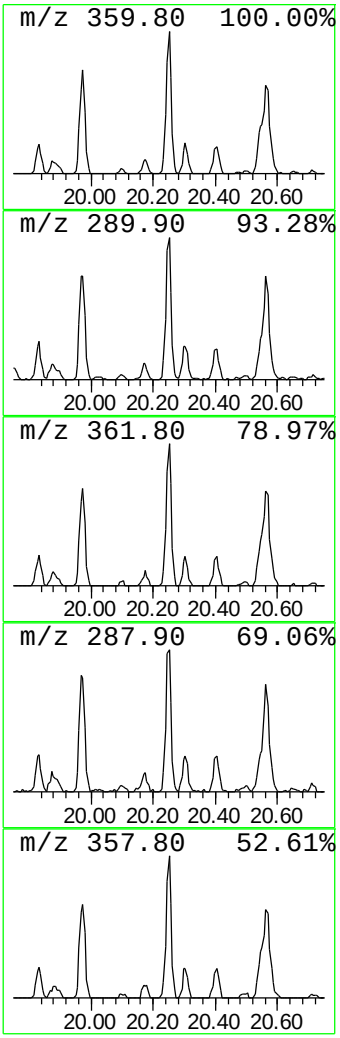

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B51

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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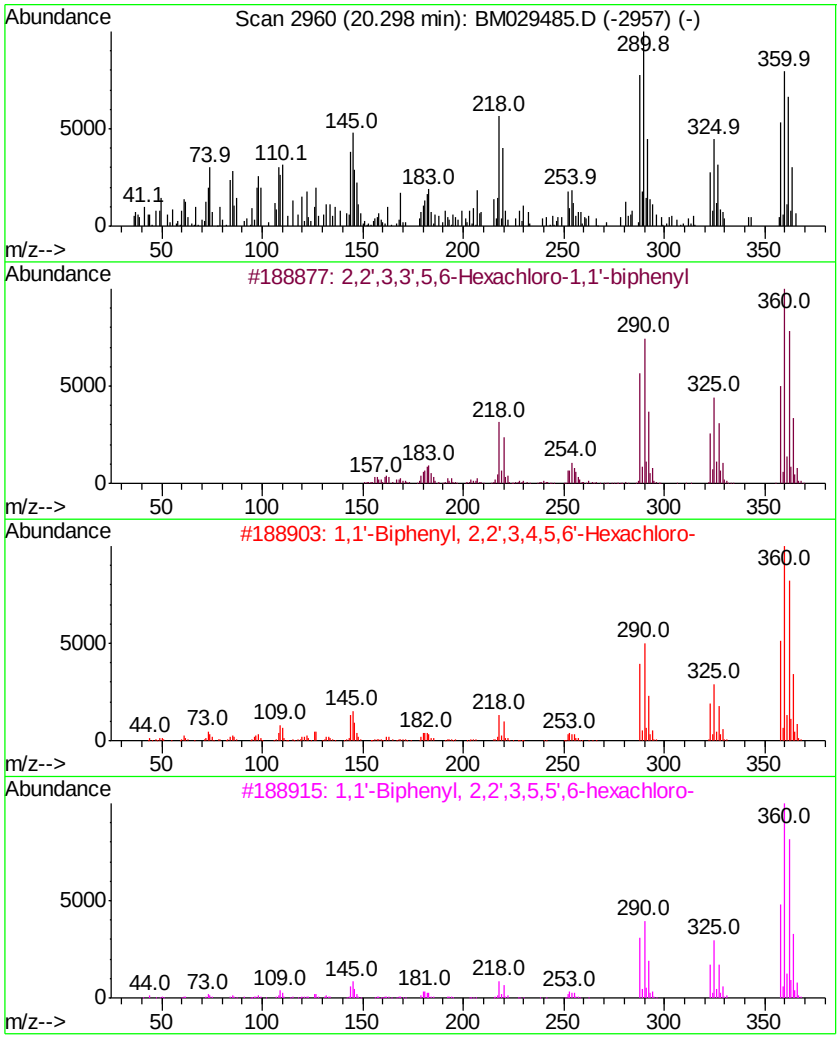
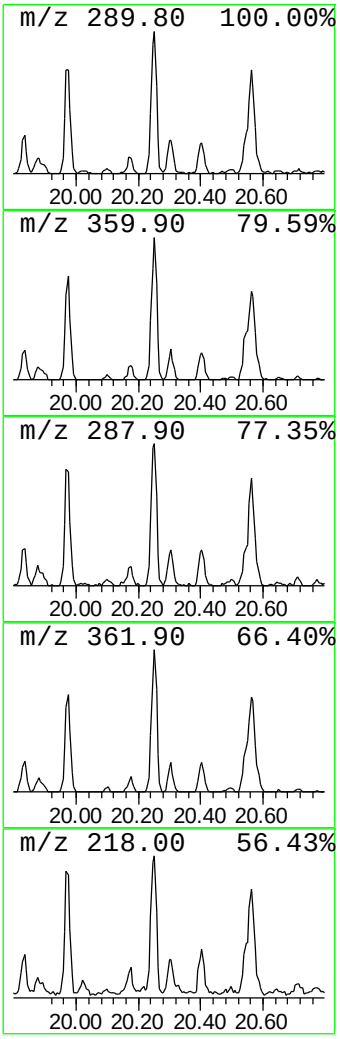
Peak Number 16 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	2.08 ng/ul	107457	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'-Hex...	358	C12H4Cl6	068194-15-0	99
3	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
5	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029485.D
Acq On : 15 Apr 2021 04:00
Operator : CG/JU
Sample : M1958-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B51

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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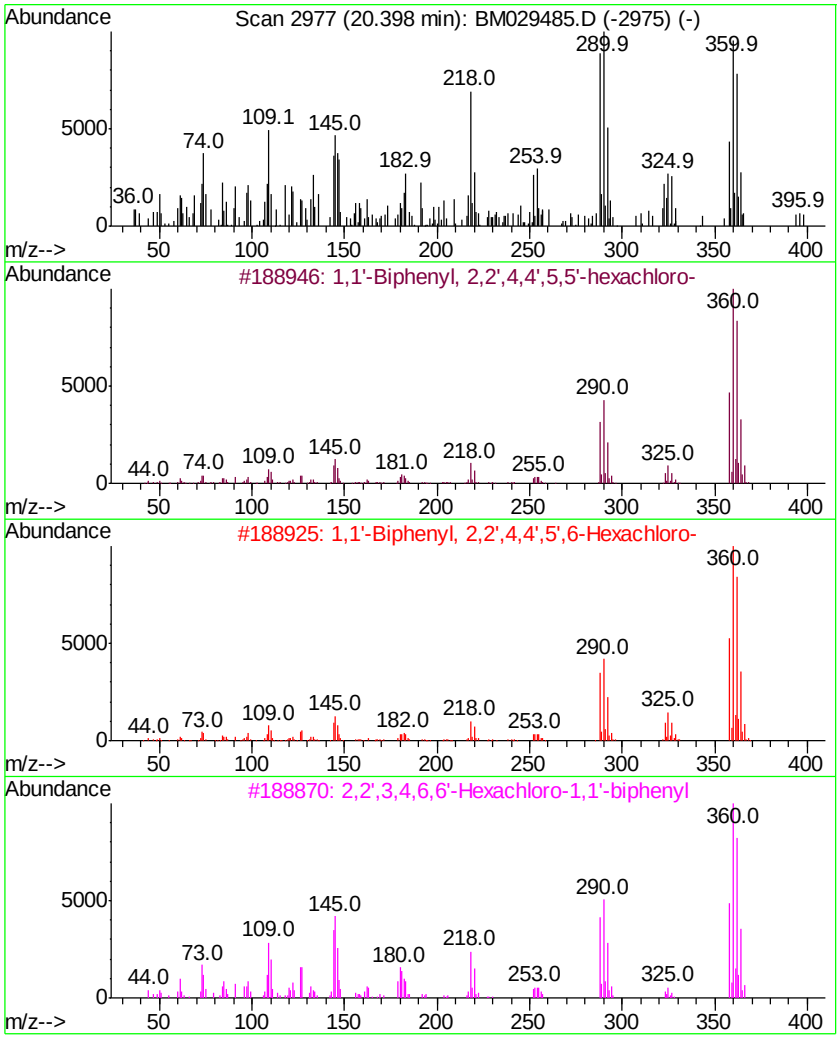
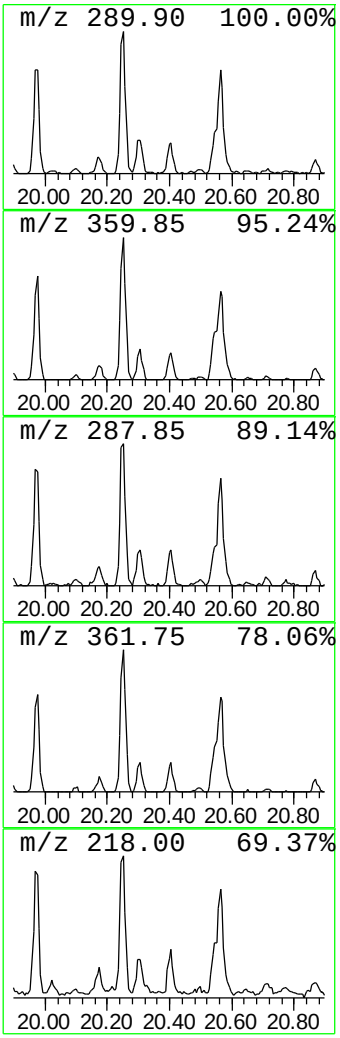
Peak Number 17 1,1'-Biphenyl, 2,2',4,4',5,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	2.23 ng/ul	115161	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
2	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
3	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
4	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
5	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99





Library Search Compound Report

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Data File : BM029485.D
Acq On : 15 Apr 2021 04:00
Operator : CG/JU
Sample : M1958-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B51

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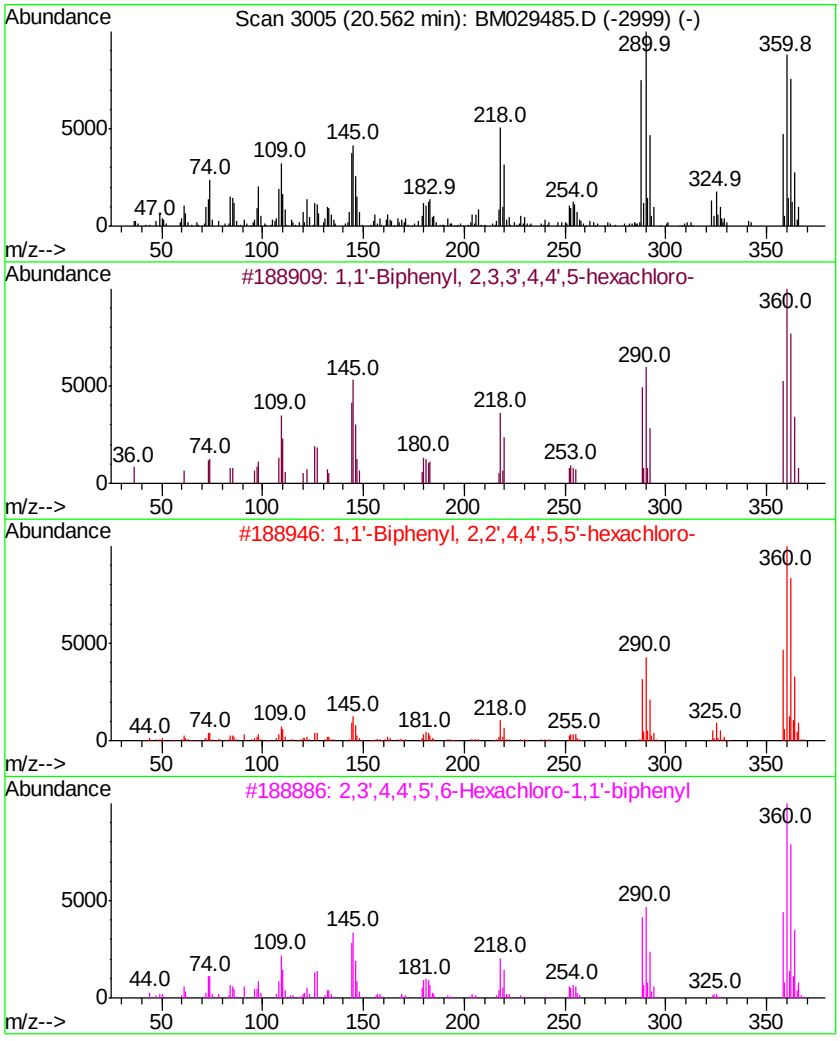
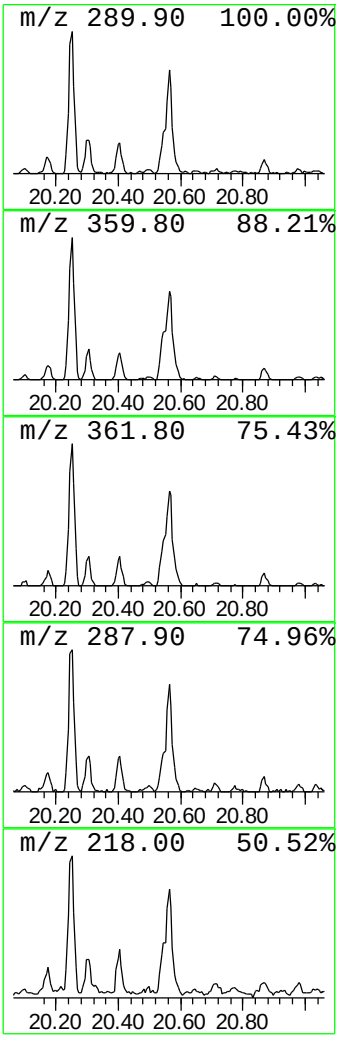
Peak Number 18 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	6.23 ng/ul	321375	Chrysene-d12	21.23

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	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
5	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99





Library Search Compound Report

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Data File : BM029485.D
Acq On : 15 Apr 2021 04:00
Operator : CG/JU
Sample : M1958-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B51

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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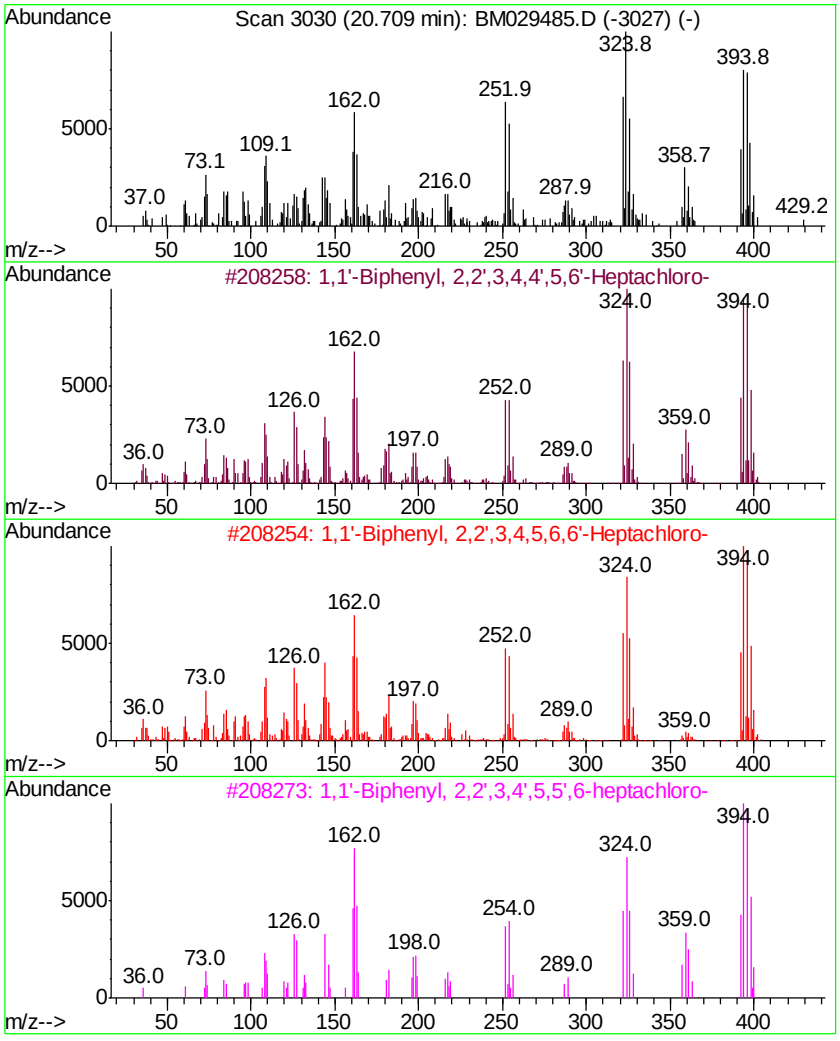
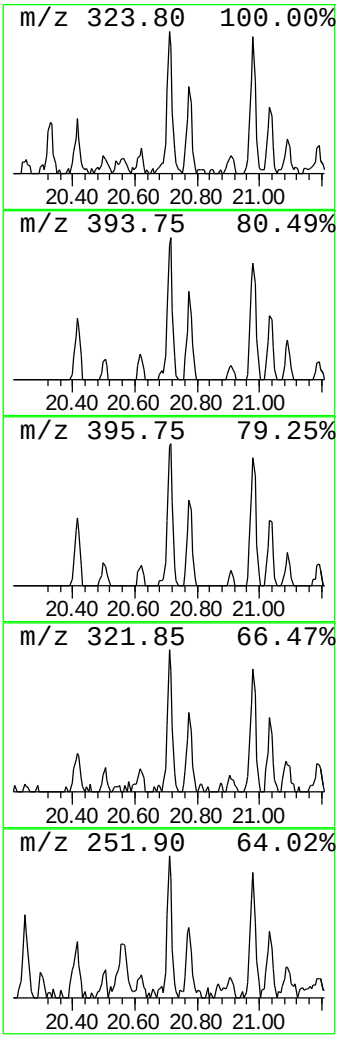
Peak Number 19 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.71	2.63 ng/ul	135436	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',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
4	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
5	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029485.D
Acq On : 15 Apr 2021 04:00
Operator : CG/JU
Sample : M1958-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B51

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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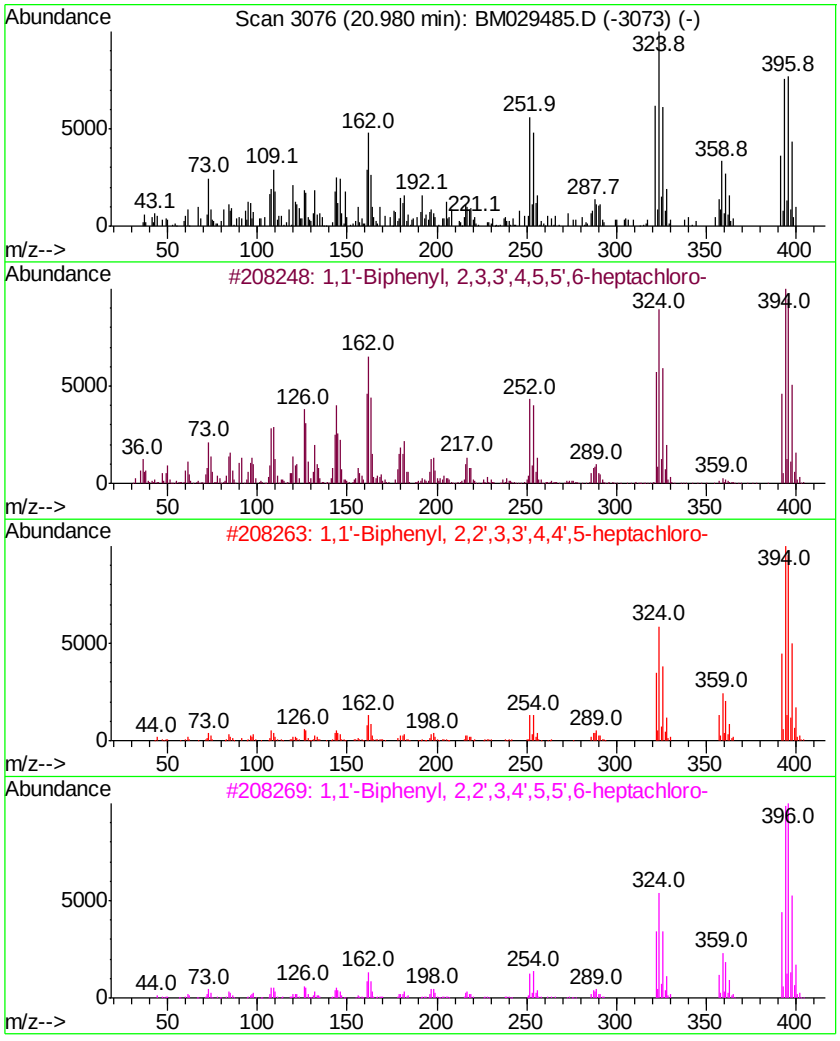
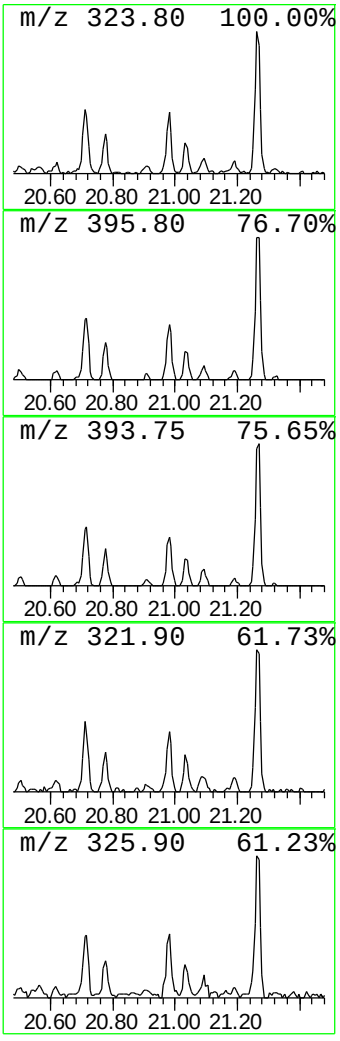
Peak Number 20 1,1'-Biphenyl, 2,3,3',4,5,5... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	2.37 ng/ul	122359	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',4,4',5-...	392	C12H3Cl7	035065-30-6	99
3	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
4	1,1'-Biphenyl, 2,2',3,4,4',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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029485.D
Acq On : 15 Apr 2021 04:00
Operator : CG/JU
Sample : M1958-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B51

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

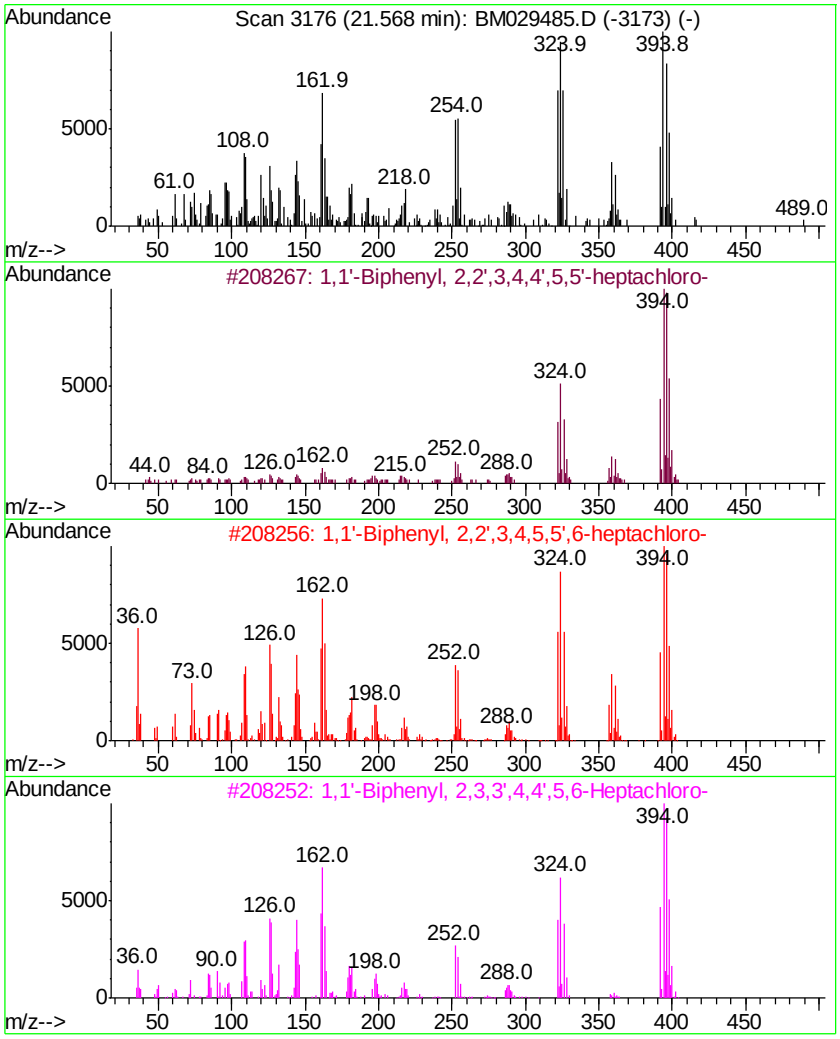
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

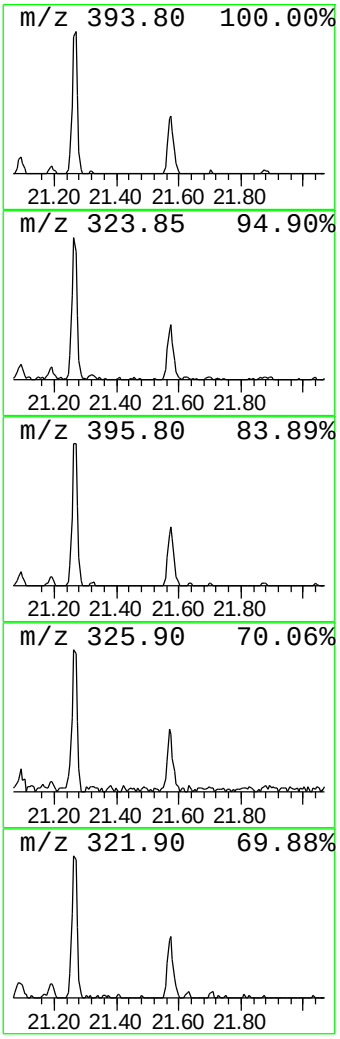
****

Peak Number 21 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	3.00 ng/ul	154448	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
2	1,1'-Biphenyl, 2,2',3,4,5,5',6-h...	392	C12H3Cl7	052712-05-7	99
3	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99
4	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	98





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041521\
Data File : BM029485.D
Acq On : 15 Apr 2021 04:00
Operator : CG/JU
Sample : M1958-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B51

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...	2.94	3.2	ng/ul	149039	1	7.68	942923	20.0
(DEL) Alkane: Str...	3.11	48.7	ng/ul	2295290	1	7.68	942923	20.0
1,1'-Biphenyl, 2,...	17.66	6.6	ng/ul	405439	4	17.06	1236880	20.0
1,1'-Biphenyl, 2'...	17.90	2.4	ng/ul	150042	4	17.06	1236880	20.0
1,1'-Biphenyl, 2,...	18.13	4.1	ng/ul	254718	4	17.06	1236880	20.0
1,1'-Biphenyl, 3,...	18.19	2.8	ng/ul	173879	4	17.06	1236880	20.0
2,2',3,6-Tetrachl...	18.42	3.8	ng/ul	234640	4	17.06	1236880	20.0
2,3,3',6-Tetrachl...	18.59	2.7	ng/ul	166695	4	17.06	1236880	20.0
1,1'-Biphenyl, 2,...	18.90	2.3	ng/ul	144642	4	17.06	1236880	20.0
2,3,3',4-Tetrachl...	18.99	6.4	ng/ul	395495	4	17.06	1236880	20.0
1,1'-Biphenyl, 2,...	19.20	4.5	ng/ul	231988	5	21.23	1031040	20.0
2,3,3',5,6-Pentac...	19.26	4.6	ng/ul	235845	5	21.23	1031040	20.0
3,3',4,5,5'-Penta...	19.71	3.7	ng/ul	190295	5	21.23	1031040	20.0
1,1'-Biphenyl, 2,...	19.97	6.0	ng/ul	310586	5	21.23	1031040	20.0
2,3',4,4',5',6-He...	20.25	6.9	ng/ul	354267	5	21.23	1031040	20.0
2,2',3,3',5,6-Hex...	20.30	2.1	ng/ul	107457	5	21.23	1031040	20.0
1,1'-Biphenyl, 2,...	20.40	2.2	ng/ul	115161	5	21.23	1031040	20.0
1,1'-Biphenyl, 2,...	20.56	6.2	ng/ul	321375	5	21.23	1031040	20.0
1,1'-Biphenyl, 2,...	20.71	2.6	ng/ul	135436	5	21.23	1031040	20.0
1,1'-Biphenyl, 2,...	20.98	2.4	ng/ul	122359	5	21.23	1031040	20.0
1,1'-Biphenyl, 2,...	21.57	3.0	ng/ul	154448	5	21.23	1031040	20.0