LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029495.D
Acq On : 15 Apr 2021 10:06
Operator : CG/JU
Sample : M1957-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B22

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.940	6	9	17	rVB	124794	143744	6.44%	0.910%
2	3.016	19	22	25	rVV	34926	35341	1.58%	0.224%
3	3.046	25	27	29	rVV3	15472	14607	0.65%	0.092%
4	3.069	29	31	33	rVV	21879	17963	0.81%	0.114%
5	3.104	33	37	42	rVB	2271026	2230814	100.00%	14.116%
6	3.410	85	89	90	rBV4	5596	6404	0.29%	0.041%
7	3.440	90	94	100	rVB	59389	73489	3.29%	0.465%
8	3.528	105	109	113	rBV4	4778	5066	0.23%	0.032%
9	3.810	154	157	160	rBV5	2355	2922	0.13%	0.018%
10	3.904	169	173	177	rVB	16928	20788	0.93%	0.132%
11	4.081	199	203	205	rBV4	2508	3600	0.16%	0.023%
12	4.251	228	232	237	rVB5	3882	5579	0.25%	0.035%
13	4.446	261	265	268	rBV6	3454	4605	0.21%	0.029%
14	5.210	391	395	399	rVB3	3567	4527	0.20%	0.029%
15	5.334	412	416	426	rBV	13912	29802	1.34%	0.189%
16	5.710	473	480	484	rBV4	10271	17118	0.77%	0.108%
17	6.775	657	661	664	rVV2	7715	10564	0.47%	0.067%
18	6.828	667	670	678	rVV6	6030	11872	0.53%	0.075%
19	6.904	678	683	690	rVB3	4482	7075	0.32%	0.045%
20	7.069	706	711	715	rBV5	3896	6488	0.29%	0.041%
21	7.328	745	755	759	rBV4	10971	24393	1.09%	0.154%
22	7.675	807	814	826	rBV	539499	842395	37.76%	5.330%
23	8.222	901	907	912	rBV3	3788	8187	0.37%	0.052%
24	8.316	919	923	926	rBV3	3917	5938	0.27%	0.038%
25	8.781	998	1002	1007	rVB3	3093	5332	0.24%	0.034%
26	8.904	1019	1023	1030	rVB3	7336	11657	0.52%	0.074%
27	10.327	1260	1265	1269	rBV5	2616	4284	0.19%	0.027%
28	10.457	1277	1287	1294	rBV	667846	1171381	52.51%	7.412%
29	10.586	1304	1309	1313	rBV6	2465	3219	0.14%	0.020%
30	10.633	1313	1317	1321	rVB5	2978	4334	0.19%	0.027%
31	10.710	1325	1330	1336	rBV5	2478	4404	0.20%	0.028%
32	10.927	1363	1367	1372	rVB6	3023	5191	0.23%	0.033%
33	11.139	1397	1403	1410	rBV5	2673	5686	0.25%	0.036%
34	11.492	1456	1463	1468	rBV3	2204	4259	0.19%	0.027%

LSC Area Percent Report

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Sample : M1957-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B22

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	11.892	1528	1531	1535	rVB4	2868	3536	0.16%	0.022%
36	12.121	1565	1570	1578	rBV2	6843	12563	0.56%	0.079%
37	12.345	1601	1608	1614	rBV7	3135	7254	0.33%	0.046%
38	13.151	1739	1745	1751	rBV5	4684	7089	0.32%	0.045%
39	13.480	1796	1801	1803	rBV4	2005	3440	0.15%	0.022%
40	13.633	1823	1827	1832	rVB6	5070	8312	0.37%	0.053%
41	13.692	1832	1837	1838	rBV4	3408	4679	0.21%	0.030%
42	13.739	1838	1845	1848	rVV6	4263	7845	0.35%	0.050%
43	13.810	1853	1857	1860	rVB5	3827	5767	0.26%	0.036%
44	13.863	1864	1866	1872	rVB7	3365	3888	0.17%	0.025%
45	14.057	1893	1899	1902	rBV6	4645	8722	0.39%	0.055%
46	14.115	1905	1909	1910	rVV4	2303	3042	0.14%	0.019%
47	14.145	1910	1914	1917	rVV6	4897	5893	0.26%	0.037%
48	14.227	1921	1928	1932	rBV5	6797	11100	0.50%	0.070%
49	14.315	1932	1943	1952	rBV	1024798	1500767	67.27%	9.496%
50	14.721	2008	2012	2015	rVV6	3304	4389	0.20%	0.028%
51	14.845	2030	2033	2038	rBV6	4428	6675	0.30%	0.042%
52	14.986	2053	2057	2061	rVB6	6015	9324	0.42%	0.059%
53	15.033	2061	2065	2066	rBV4	4619	5746	0.26%	0.036%
54	15.110	2073	2078	2081	rBV7	8459	13278	0.60%	0.084%
55	15.180	2087	2090	2093	rBV3	6726	8839	0.40%	0.056%
56	15.362	2117	2121	2123	rBV4	8027	9844	0.44%	0.062%
57	15.580	2156	2158	2162	rVB5	5637	6098	0.27%	0.039%
58	15.739	2183	2185	2186	rBV2	4552	3170	0.14%	0.020%
59	16.039	2233	2236	2237	rBV3	15902	16290	0.73%	0.103%
60	16.586	2327	2329	2335	rVB6	11672	18638	0.84%	0.118%
61	17.056	2403	2409	2414	rBV	1067649	1575673	70.63%	9.970%
62	17.098	2414	2416	2422	rVB	78063	87651	3.93%	0.555%
63	17.662	2508	2512	2518	rVB	148632	201543	9.03%	1.275%
64	17.909	2550	2554	2557	rBV2	44974	62449	2.80%	0.395%
65	17.962	2560	2563	2569	rVB4	27177	50981	2.29%	0.323%
66	18.127	2587	2591	2596	rVV	99939	123057	5.52%	0.779%
67	18.186	2598	2601	2605	rVB2	58073	71593	3.21%	0.453%
68	18.227	2606	2608	2611	rBV4	25538	28686	1.29%	0.182%
69	18.409	2636	2639	2645	rBV2	71192	106148	4.76%	0.672%
70	18.586	2666	2669	2674	rVB2	64944	92566	4.15%	0.586%
71	18.898	2719	2722	2726	rBV3	66177	79215	3.55%	0.501%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : C0B22

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

72	18.980	2732	2736	2744	rVB3	191670	314081	14.08%	1.987%
73	19.109	2755	2758	2766	rVB	94441	132419	5.94%	0.838%
74	19.198	2768	2773	2776	rVV6	58520	106869	4.79%	0.676%
75	19.262	2780	2784	2791	rVB2	206627	269227	12.07%	1.704%
76	19.327	2792	2795	2798	rVB4	25136	29122	1.31%	0.184%
77	19.392	2803	2806	2811	rVB	114574	127090	5.70%	0.804%
78	19.474	2818	2820	2824	rVB	42517	41411	1.86%	0.262%
79	19.603	2838	2842	2846	rVB4	45771	57745	2.59%	0.365%
80	19.709	2853	2860	2865	rVB2	128986	240612	10.79%	1.523%
81	19.833	2877	2881	2885	rBV	115542	138797	6.22%	0.878%
82	19.874	2885	2888	2895	rVB8	43509	73112	3.28%	0.463%
83	19.974	2900	2905	2909	rBV	327174	416489	18.67%	2.635%
84	20.021	2909	2913	2918	rVB2	70679	100110	4.49%	0.633%
85	20.174	2936	2939	2943	rVB6	42374	50710	2.27%	0.321%
86	20.250	2947	2952	2956	rVB	366945	441018	19.77%	2.791%
87	20.303	2957	2961	2968	rBV3	102450	159810	7.16%	1.011%
88	20.403	2974	2978	2982	rBV5	109243	175557	7.87%	1.111%
89	20.439	2982	2984	2988	rVB	90930	87277	3.91%	0.552%
90	20.503	2992	2995	2998	rVV2	59895	65129	2.92%	0.412%
91	20.562	2998	3005	3012	rVV	239560	449378	20.14%	2.844%
92	20.709	3027	3030	3036	rVB5	143846	178481	8.00%	1.129%
93	20.774	3038	3041	3044	rBV4	76136	81754	3.66%	0.517%
94	20.874	3054	3058	3061	rBV5	34845	48843	2.19%	0.309%
95	20.980	3071	3076	3081	rVB5	145457	219661	9.85%	1.390%
96	21.033	3082	3085	3091	rVB5	79408	97268	4.36%	0.615%
97	21.233	3114	3119	3122	rBV	922415	1180985	52.94%	7.473%
98	21.262	3122	3124	3130	rVB3	323623	388018	17.39%	2.455%
99	21.574	3173	3177	3183	rBV4	121415	168554	7.56%	1.067%
100	23.438	3488	3494	3504	rVB2	550192	1035071	46.40%	6.550%

Sum of corrected areas: 15803376

LSC Report - Integrated Chromatogram

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Data File : BM029495.D
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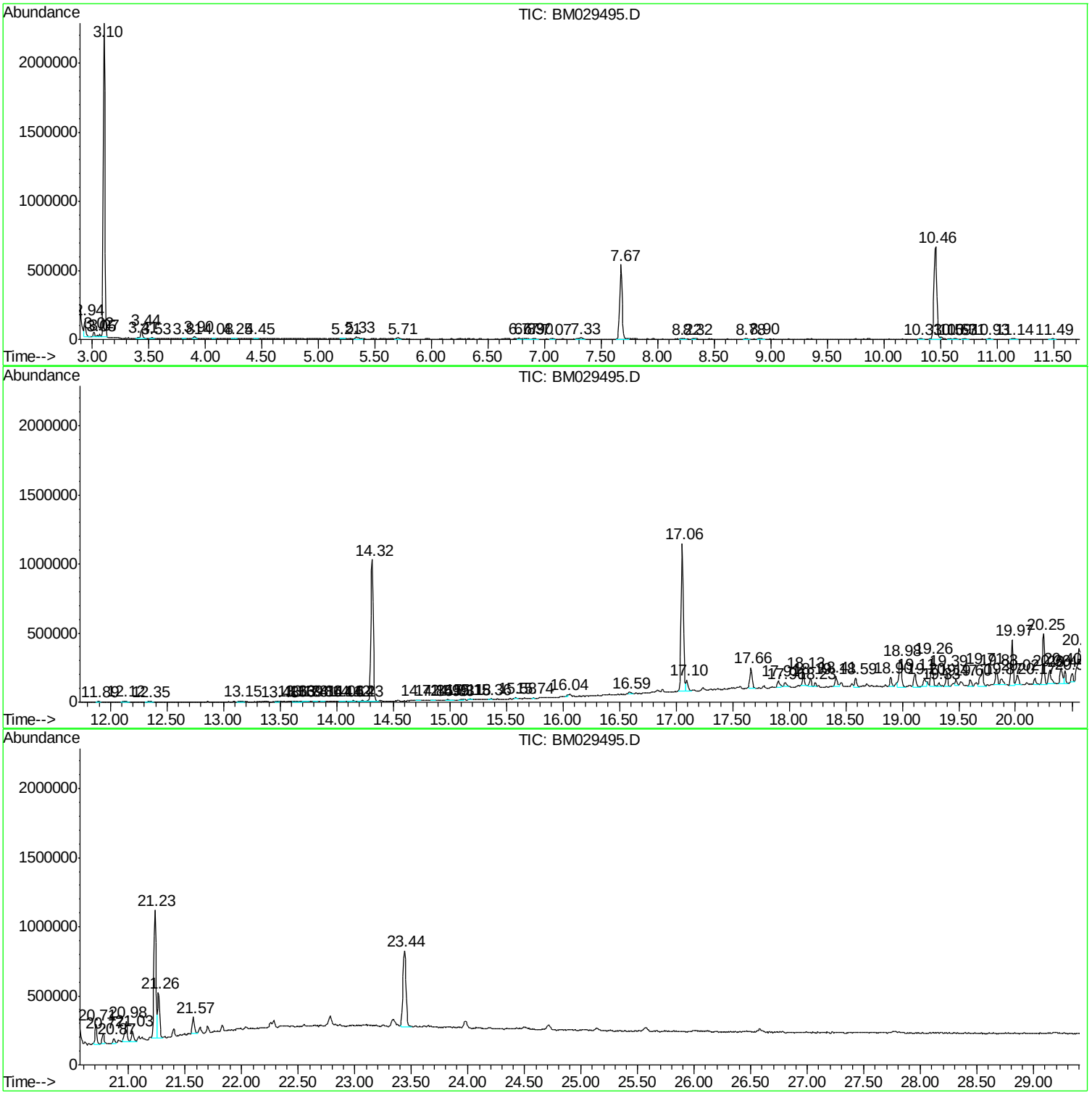
Operator : CG/JU
Sample : M1957-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B22

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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Data File : BM029495.D
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Quant Title : SVOA CALIBRATION

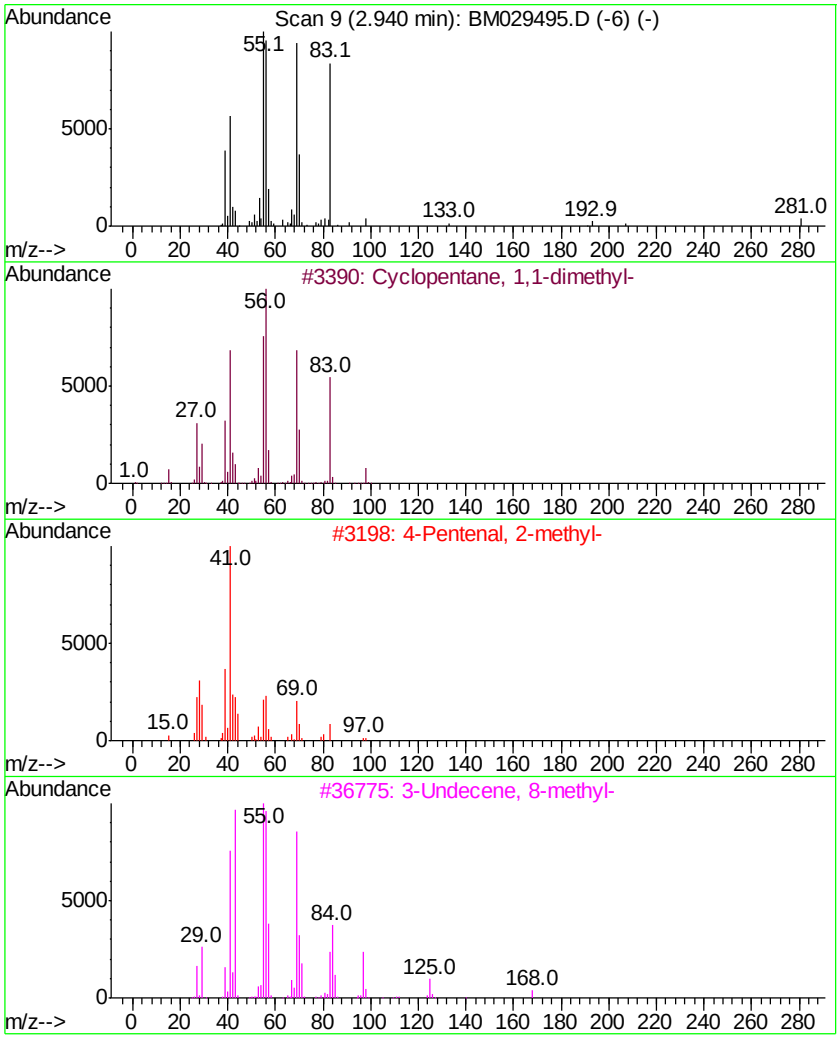
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

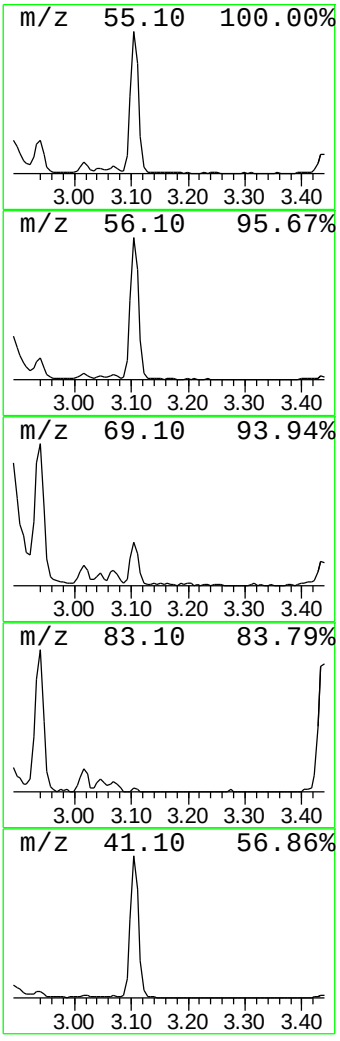
****

Peak Number 1 (DEL) Alkane: Cyclic2.94 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.94	3.41 ng/ul	143744	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	72
2	4-Pentenal, 2-methyl-	98	C6H10O	005187-71-3	50
3	3-Undecene, 8-methyl-	168	C12H24	1000061-84-4	50
4	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	47
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	43





Library Search Compound Report

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B22

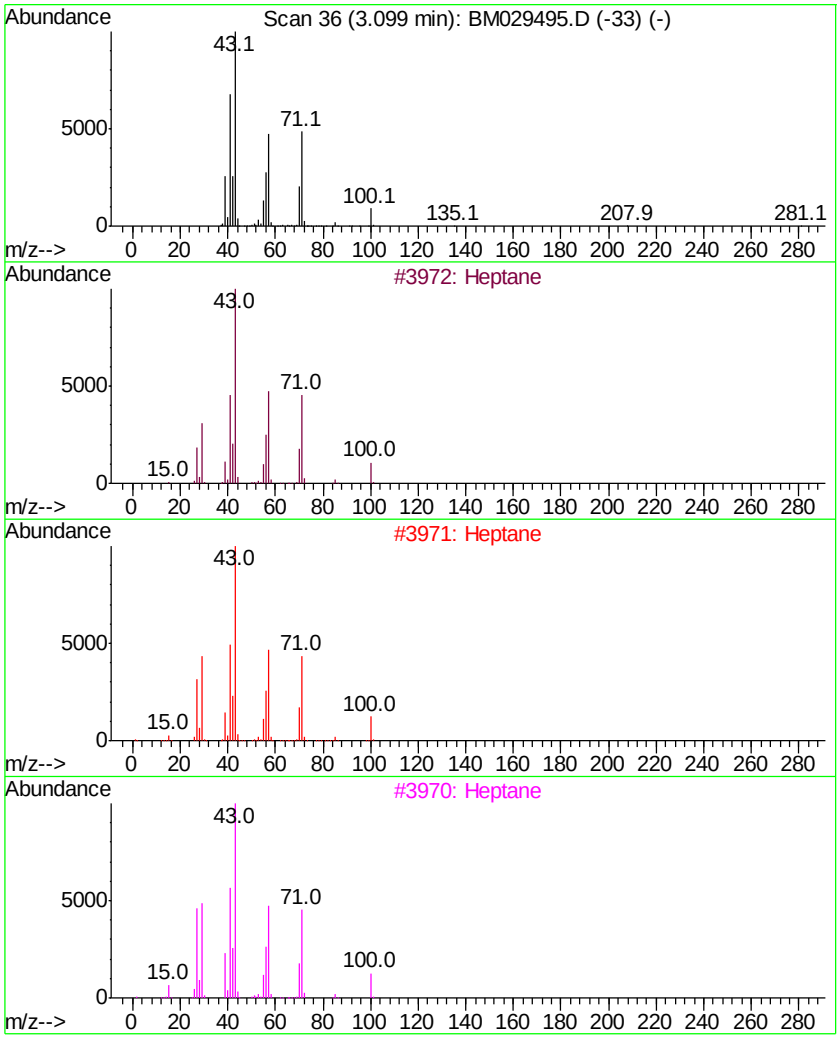
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

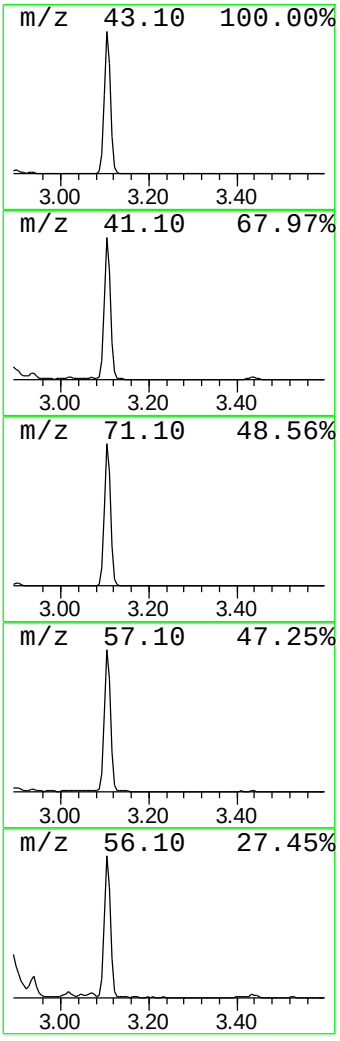
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	52.96 ng/ul	2230810	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	47
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	45





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

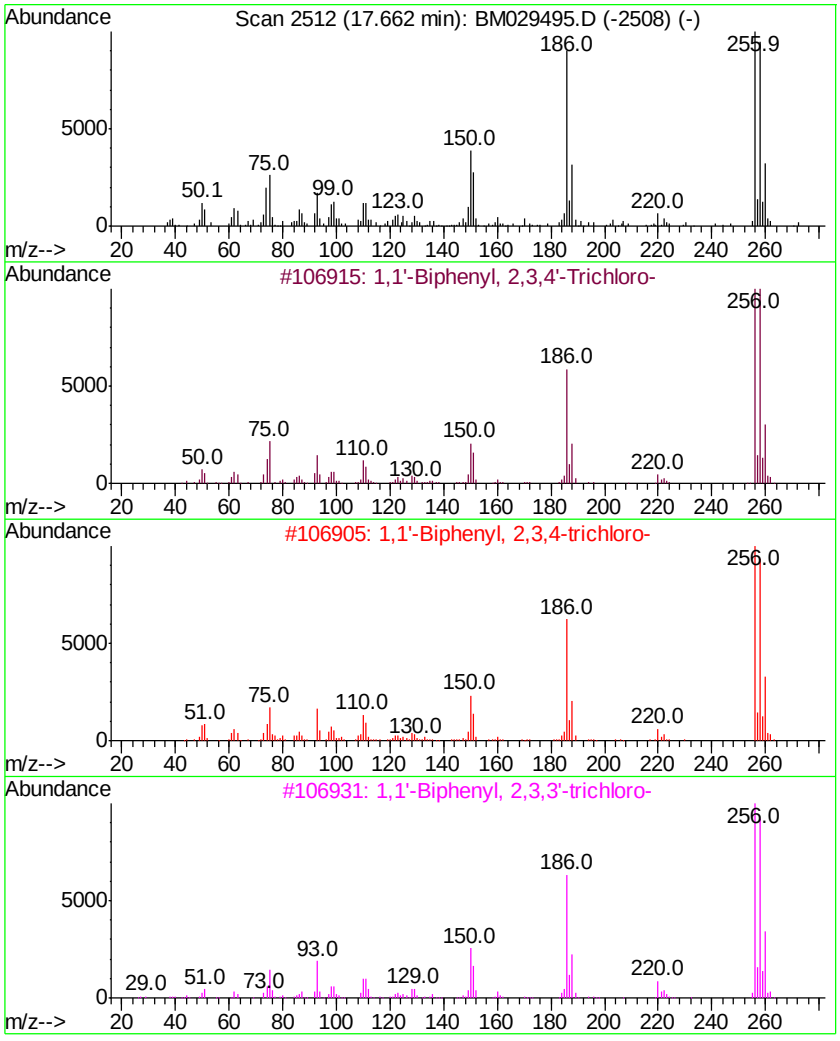
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

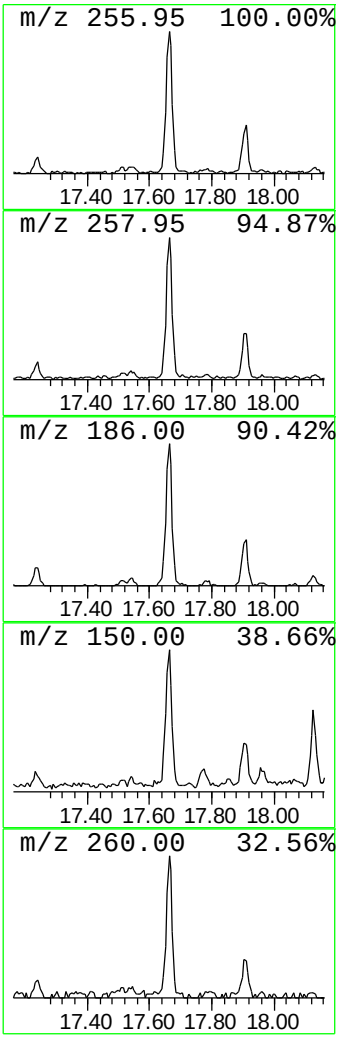
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	2.56 ng/ul	201543	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	98
2	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	98
4	1,1'-Biphenyl, 2,3',4-trichloro-	256	C12H7Cl3	055712-37-3	98
5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	96





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

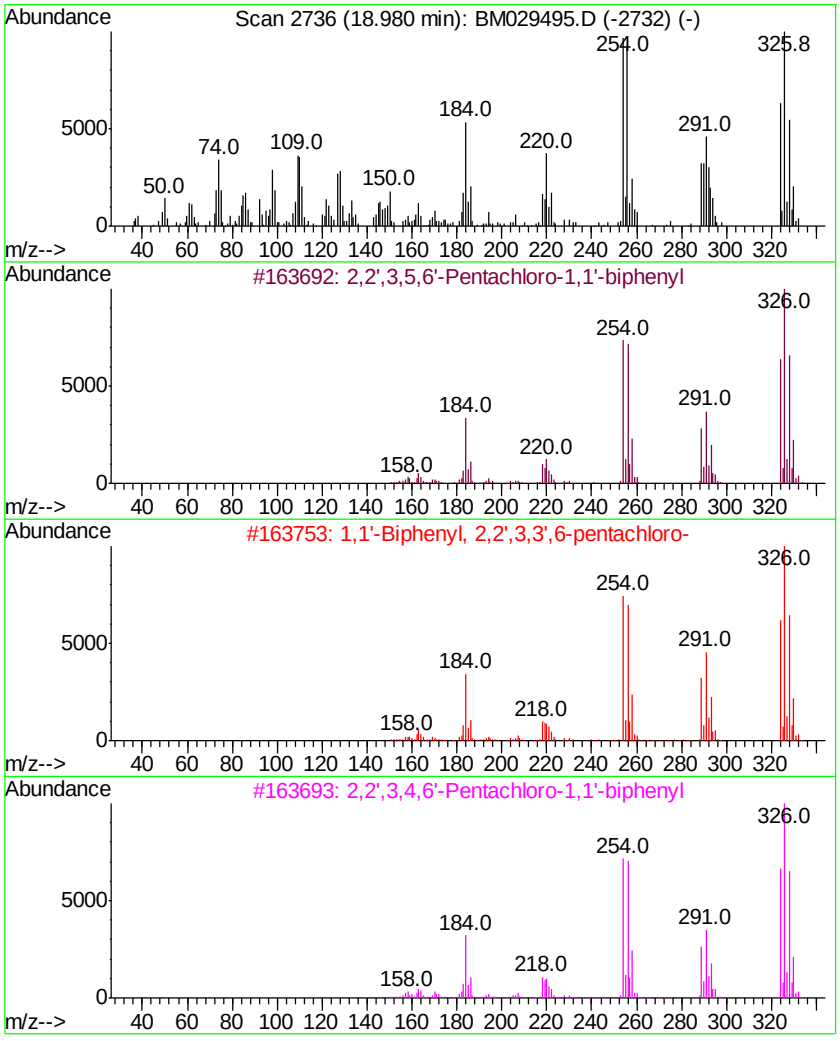
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

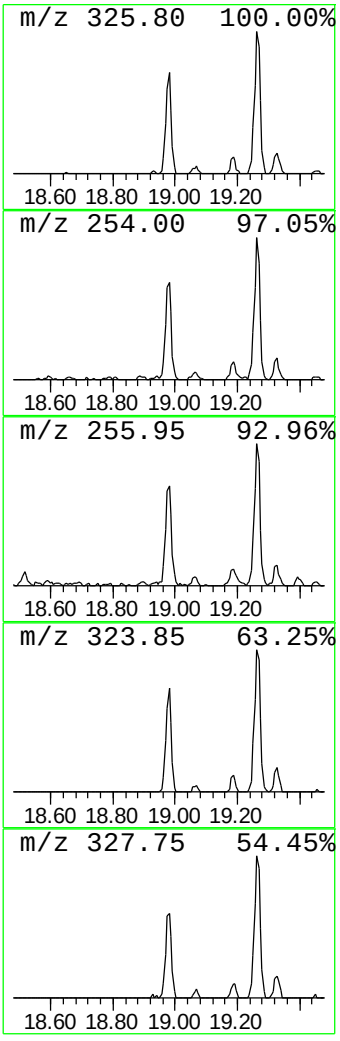
****

Peak Number 4 2,2',3,5,6'-Pentachloro-1,1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	3.99 ng/ul	314081	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
2	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
3	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
4	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99





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Quant Title : SVOA CALIBRATION

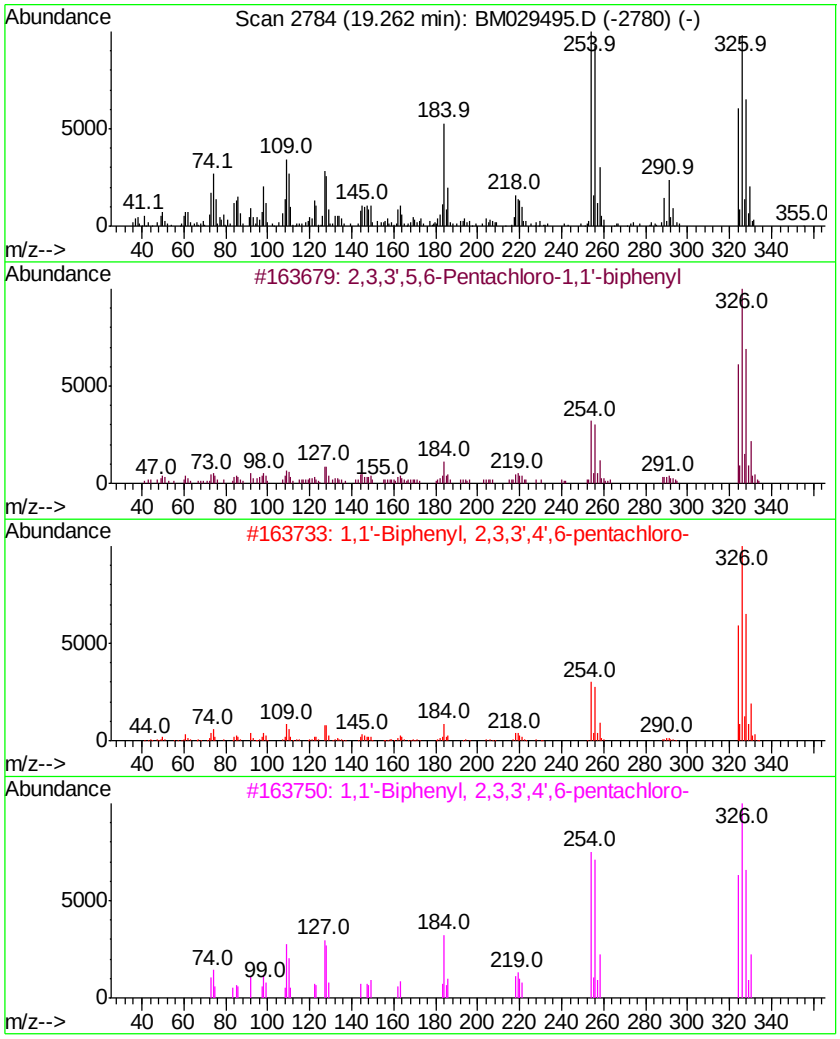
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

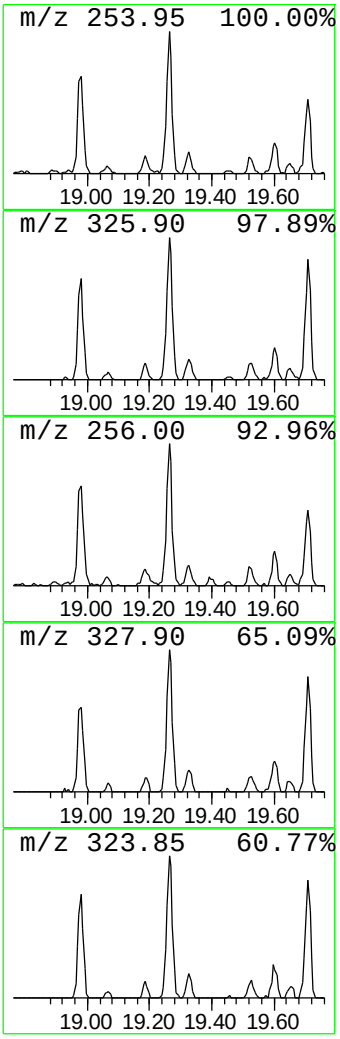
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	4.56 ng/ul	269227	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	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	98





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Acq On : 15 Apr 2021 10:06
Operator : CG/JU
Sample : M1957-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B22

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

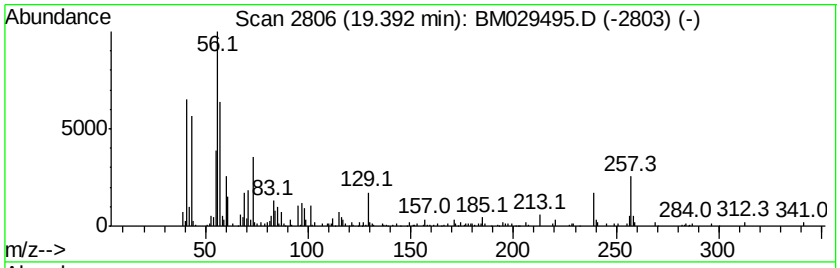
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

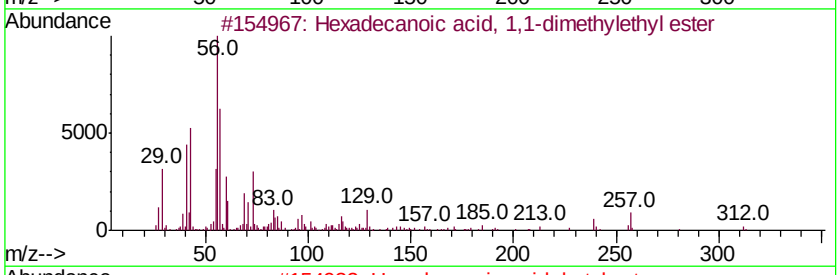
****

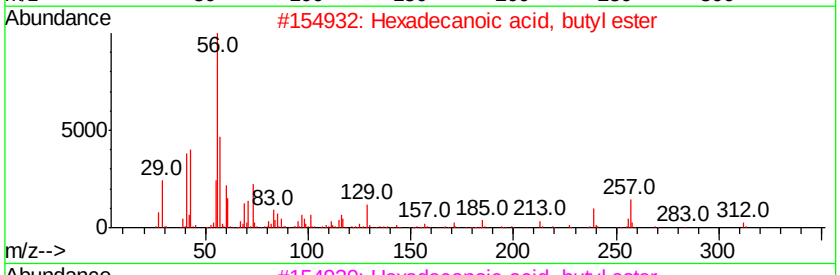
Peak Number 6 Hexadecanoic acid, 1,1-dime... Concentration Rank 16

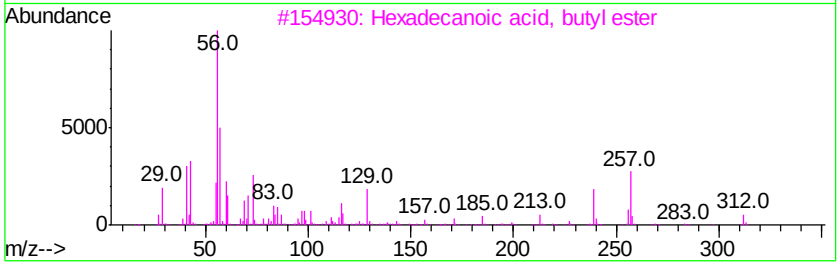
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	2.15 ng/ul	127090	Chrysene-d12	21.23

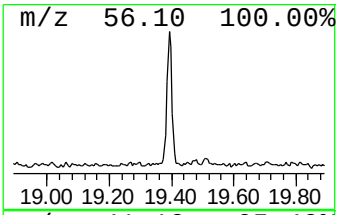
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	93
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	93
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	83
4	Eicosanoic acid	312	C20H40O2	000506-30-9	48
5	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	43

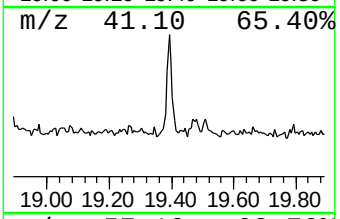


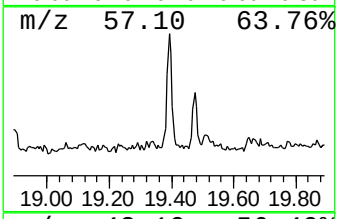


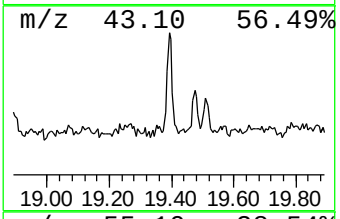


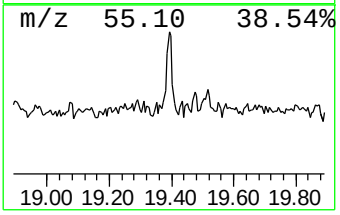












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Acq On : 15 Apr 2021 10:06
Operator : CG/JU
Sample : M1957-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B22

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Quant Title : SVOA CALIBRATION

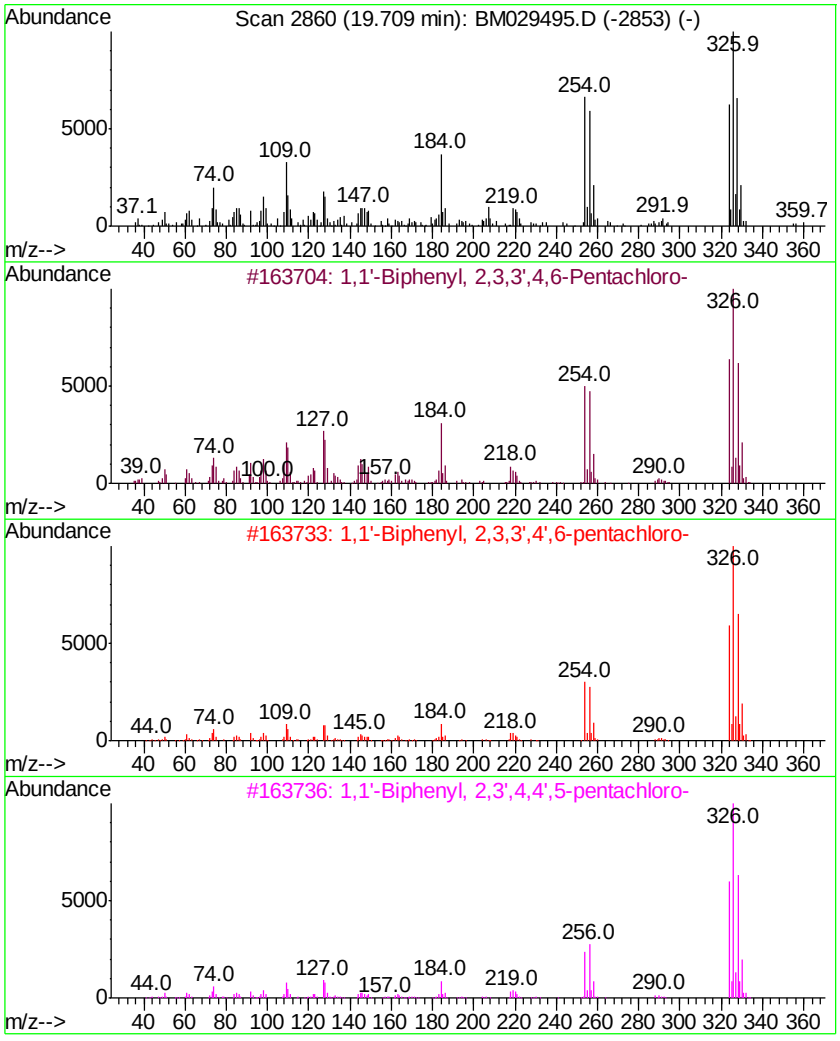
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

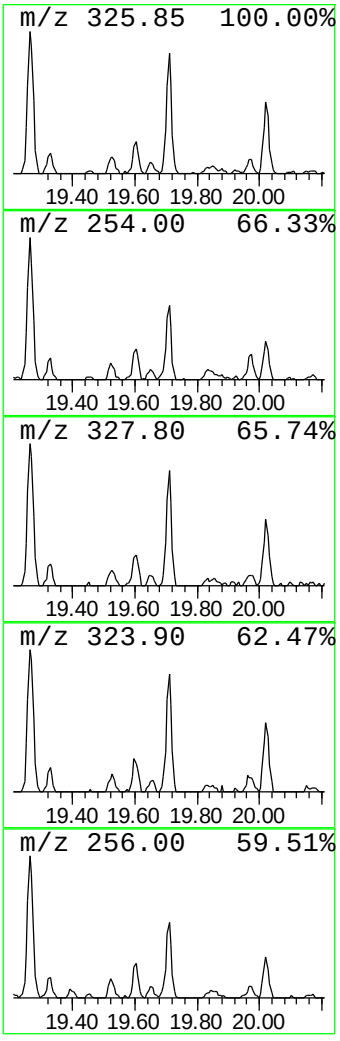
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	4.07 ng/ul	240612	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	97
4	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	97
5	1,1'-Biphenyl, 2,3,4,4',5-Pentac...	324	C12H5Cl5	074472-37-0	96





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Sample : M1957-15
Misc :
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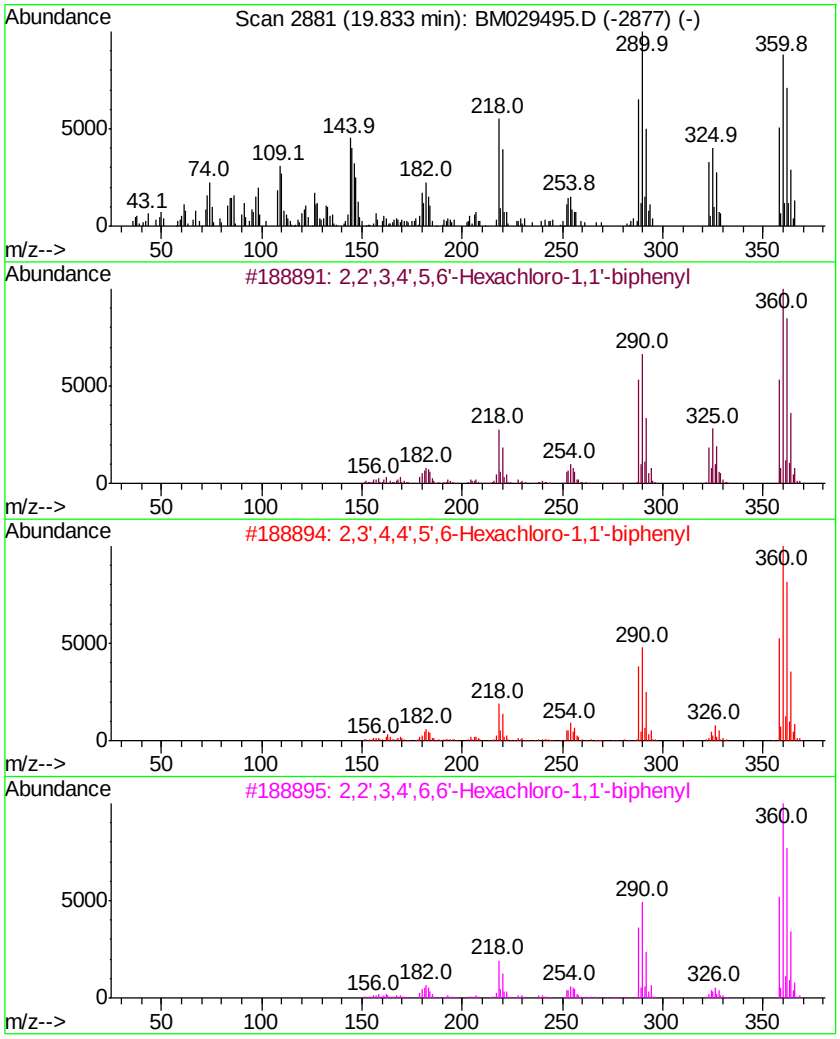
Quant Title : SVOA CALIBRATION

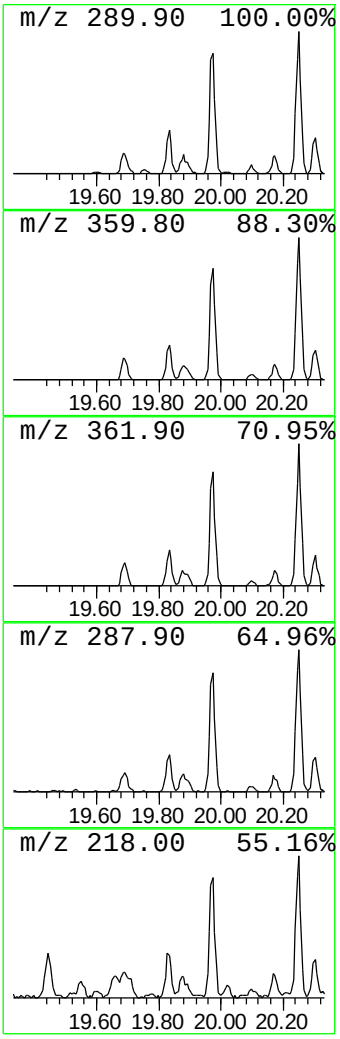
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,2',3,4',5,6'-Hexachloro-1... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	2.35 ng/ul	138797	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	2,3',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	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	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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Operator : CG/JU
Sample : M1957-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

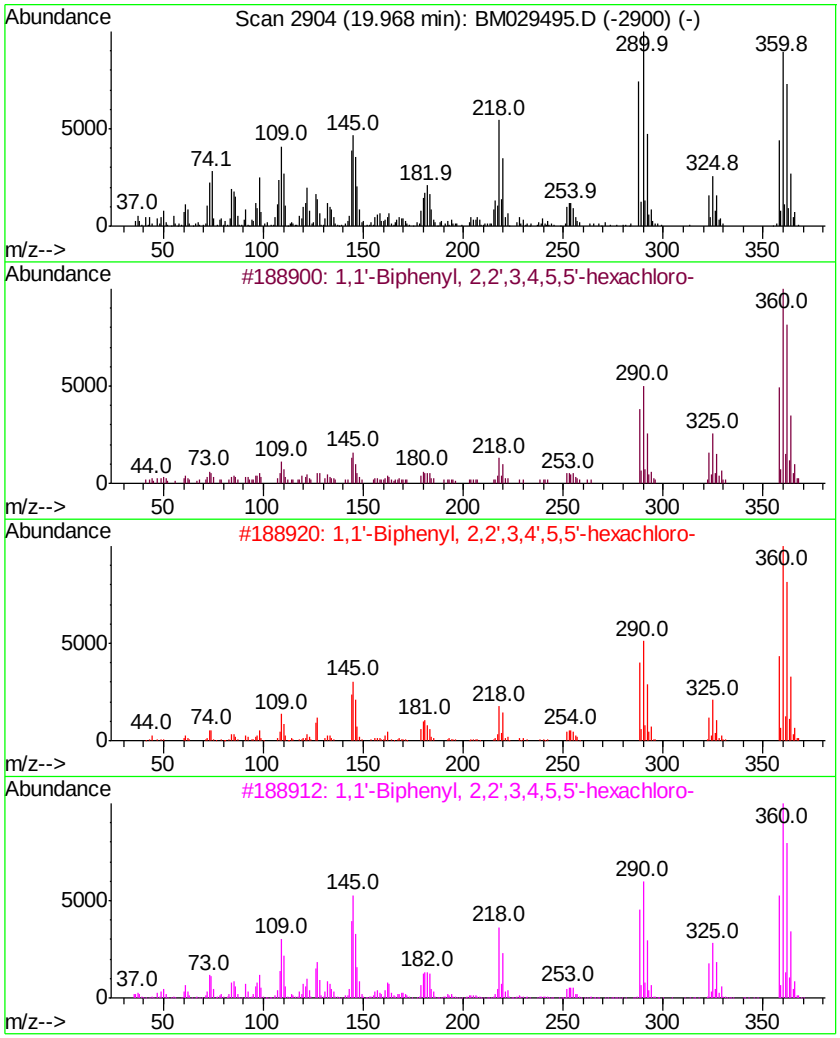
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

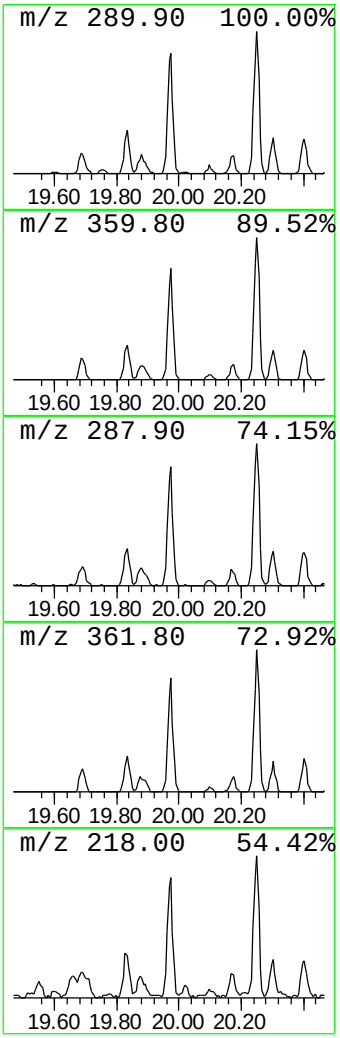
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	7.05 ng/ul	416489	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',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
5	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99





Library Search Compound Report

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Sample : M1957-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B22

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Quant Title : SVOA CALIBRATION

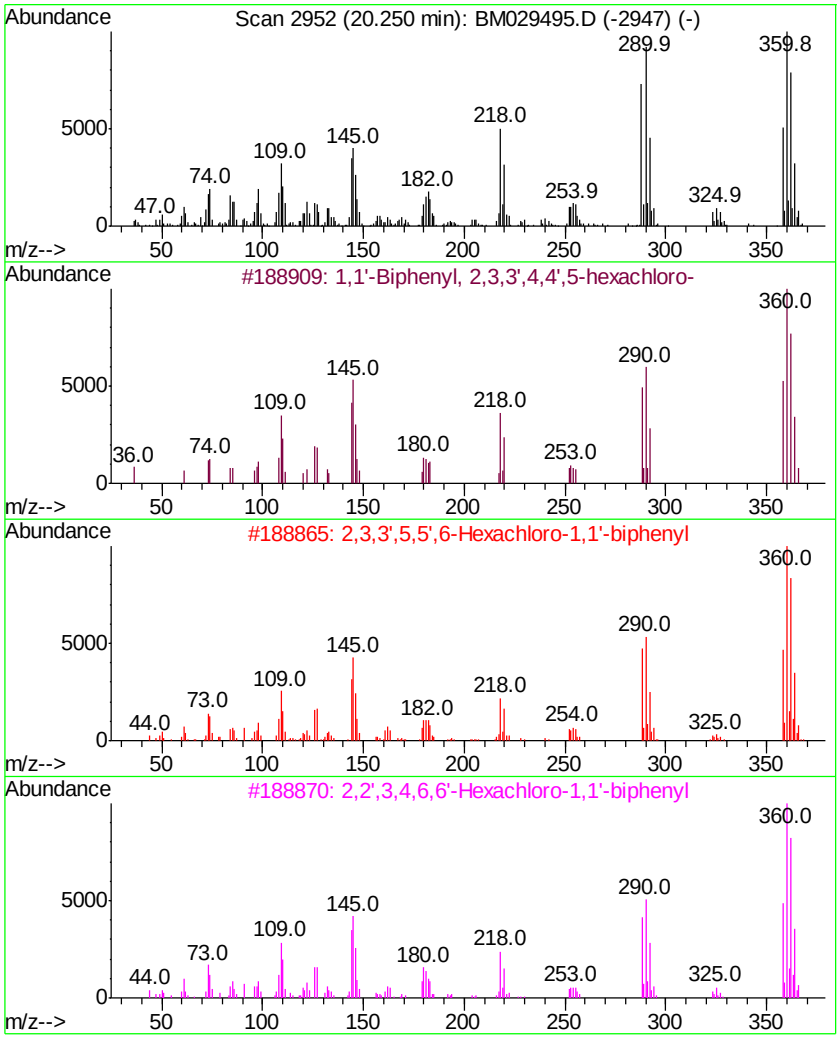
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

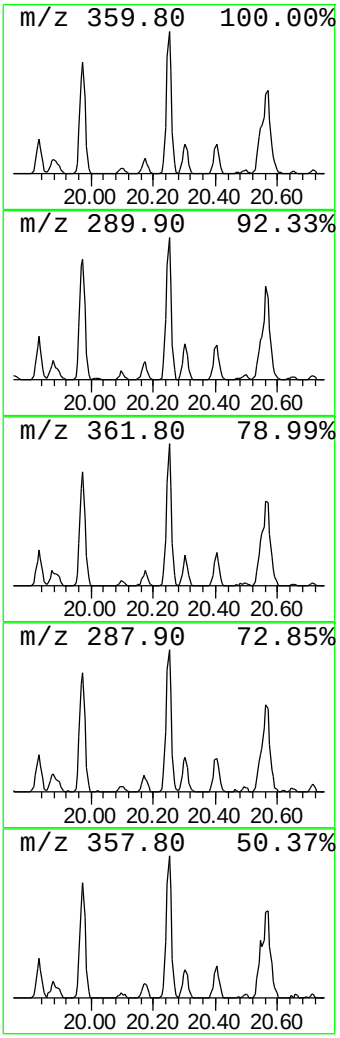
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	7.47 ng/ul	441018	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	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99
3	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
4	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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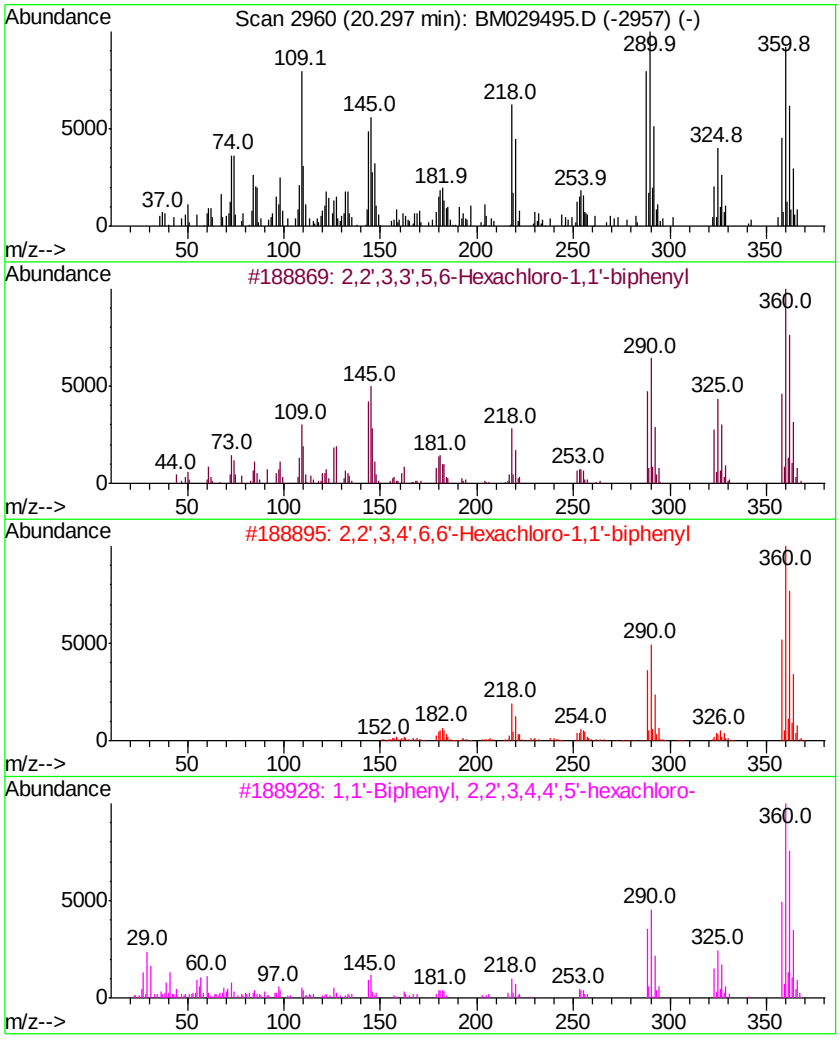
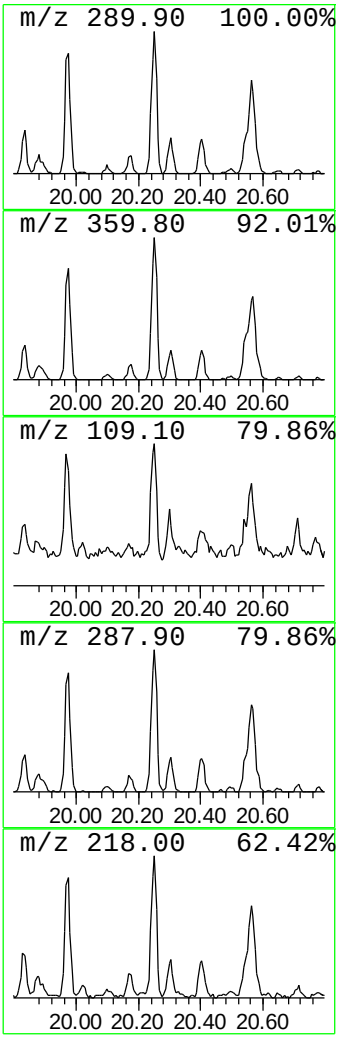
Peak Number 11 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	2.71 ng/ul	159810	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99
2	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
5	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99





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Sample : M1957-15
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Quant Title : SVOA CALIBRATION

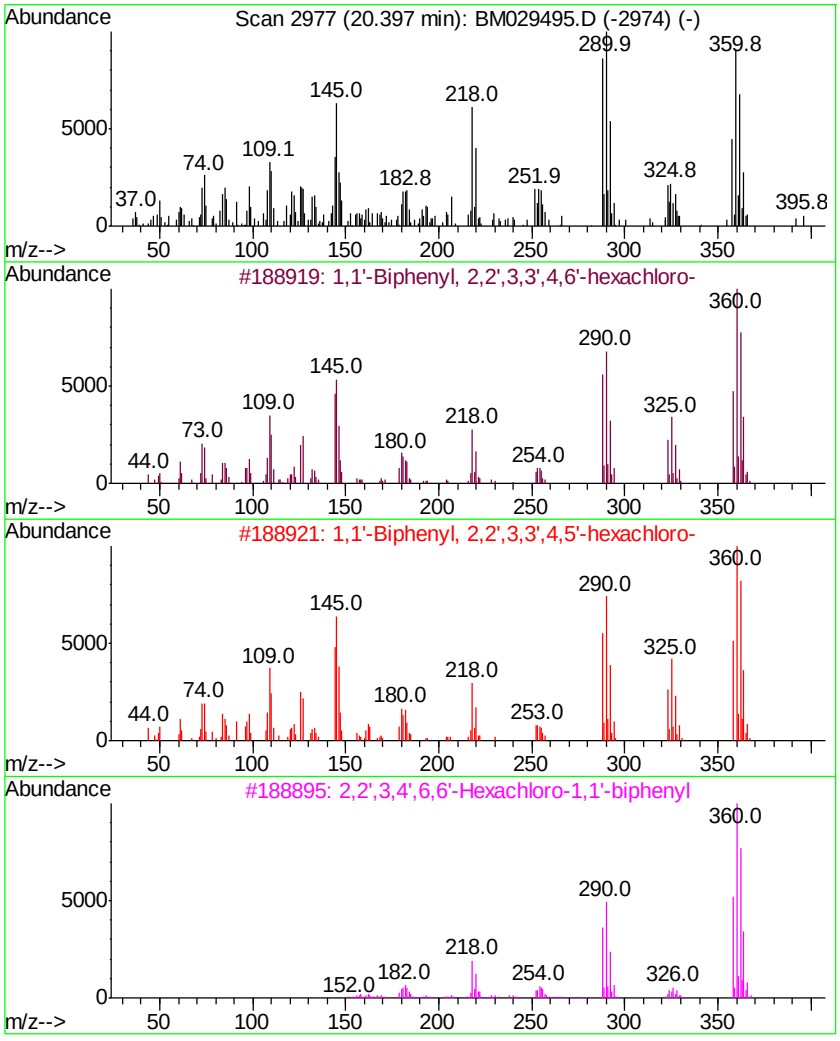
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

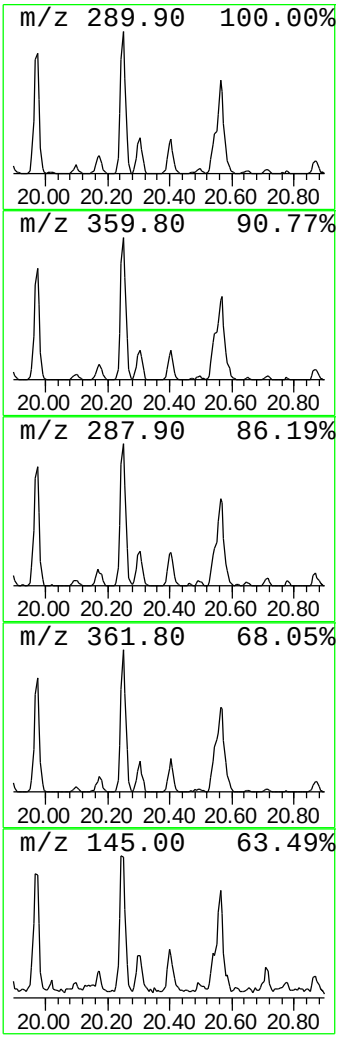
****

Peak Number 12 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	2.97 ng/ul	175557	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	99
2	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
3	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99
4	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99





Library Search Compound Report

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Sample : M1957-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B22

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Quant Title : SVOA CALIBRATION

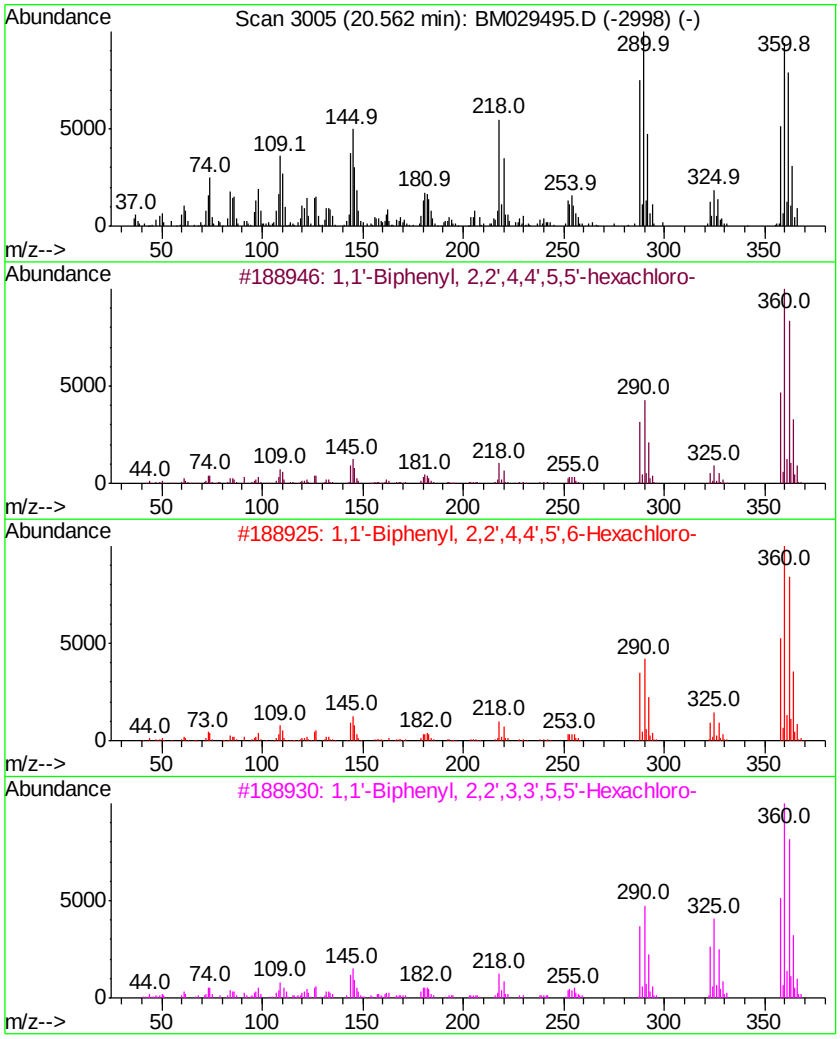
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

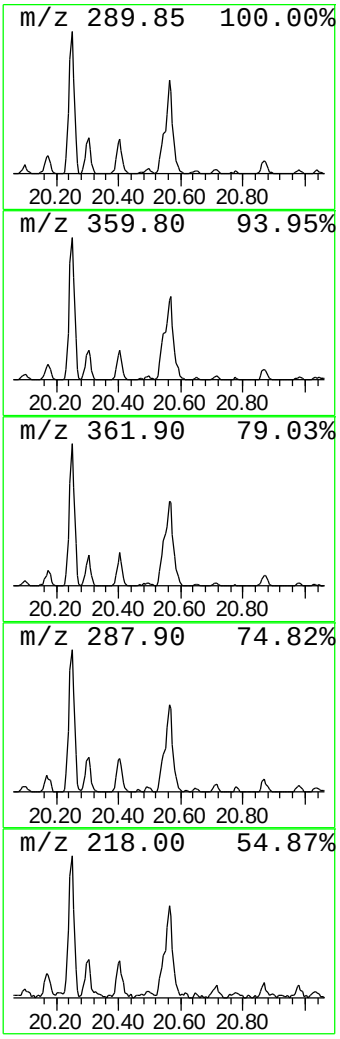
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	7.61 ng/ul	449378	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	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99





Library Search Compound Report

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

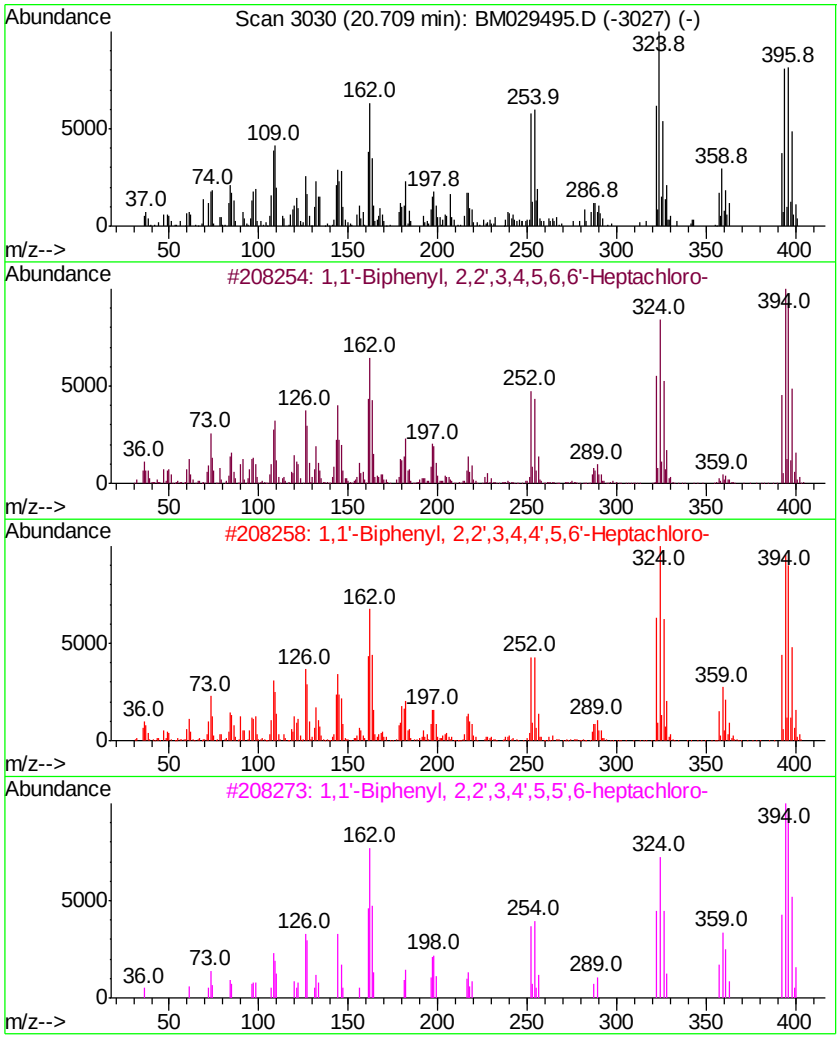
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

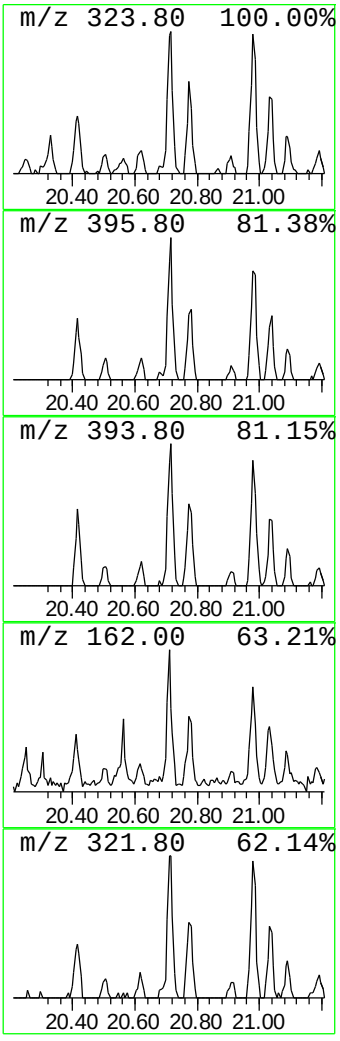
****

Peak Number 14 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.71	3.02 ng/ul	178481	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
2	1,1'-Biphenyl, 2,2',3,4,4',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	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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Acq On : 15 Apr 2021 10:06
Operator : CG/JU
Sample : M1957-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B22

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Quant Title : SVOA CALIBRATION

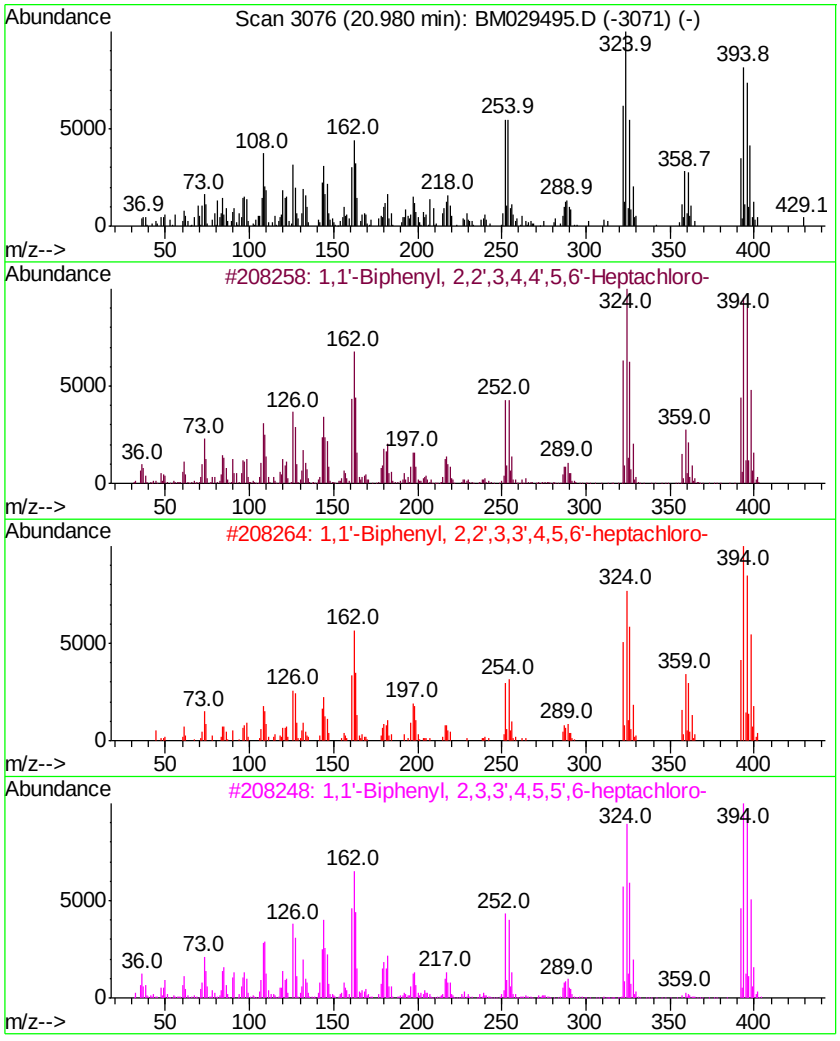
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

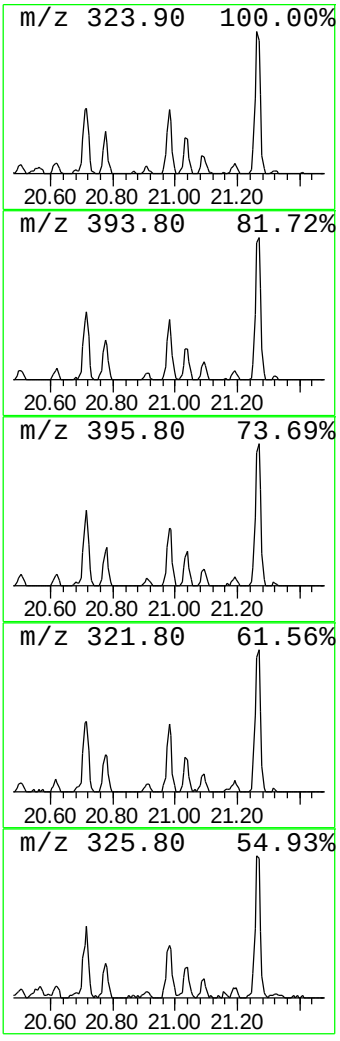
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	3.72 ng/ul	219661	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,6'-...	392	C12H3Cl7	038411-25-5	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',3,3',4,5,5'-...	392	C12H3Cl7	052663-74-8	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99





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Data File : BM029495.D
Acq On : 15 Apr 2021 10:06
Operator : CG/JU
Sample : M1957-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B22

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

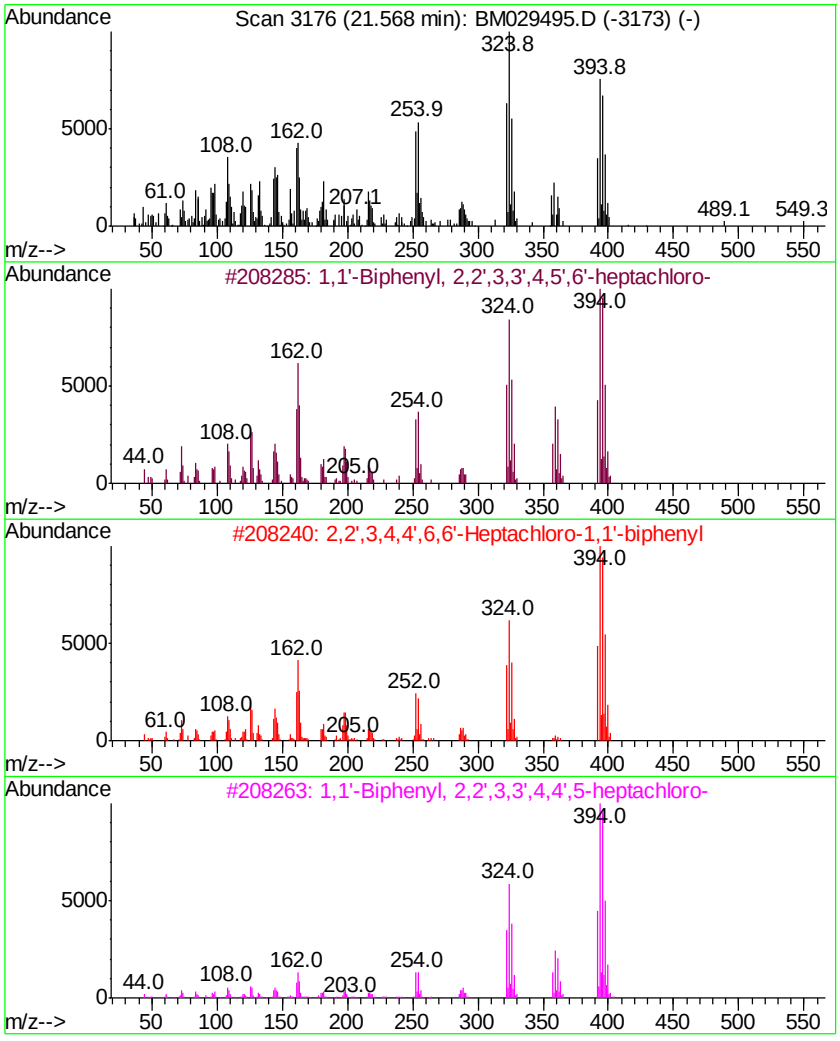
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

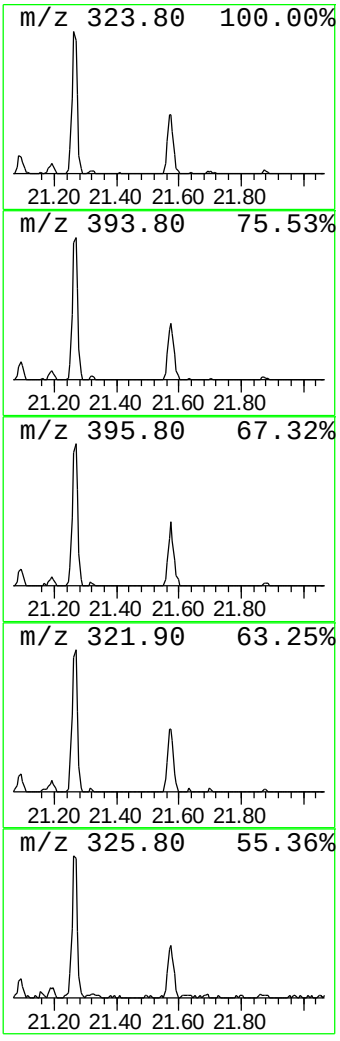
****

Peak Number 16 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	2.85 ng/ul	168554	Chrysene-d12	21.23

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	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
4	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041521\
Data File : BM029495.D
Acq On : 15 Apr 2021 10:06
Operator : CG/JU
Sample : M1957-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B22

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	3.4	ng/ul	143744	1	7.67	842395	20.0
(DEL) Alkane: Str...	3.10	53.0	ng/ul	2230810	1	7.67	842395	20.0
1,1'-Biphenyl, 2,...	17.66	2.6	ng/ul	201543	4	17.06	1575670	20.0
2,2',3,5,6'-Penta...	18.98	4.0	ng/ul	314081	4	17.06	1575670	20.0
2,3,3',5,6-Pentac...	19.26	4.6	ng/ul	269227	5	21.23	1180990	20.0
Hexadecanoic acid...	19.39	2.1	ng/ul	127090	5	21.23	1180990	20.0
1,1'-Biphenyl, 2,...	19.71	4.1	ng/ul	240612	5	21.23	1180990	20.0
2,2',3,4',5,6'-He...	19.83	2.4	ng/ul	138797	5	21.23	1180990	20.0
1,1'-Biphenyl, 2,...	19.97	7.0	ng/ul	416489	5	21.23	1180990	20.0
1,1'-Biphenyl, 2,...	20.25	7.5	ng/ul	441018	5	21.23	1180990	20.0
2,2',3,3',5,6-Hex...	20.30	2.7	ng/ul	159810	5	21.23	1180990	20.0
1,1'-Biphenyl, 2,...	20.40	3.0	ng/ul	175557	5	21.23	1180990	20.0
1,1'-Biphenyl, 2,...	20.56	7.6	ng/ul	449378	5	21.23	1180990	20.0
1,1'-Biphenyl, 2,...	20.71	3.0	ng/ul	178481	5	21.23	1180990	20.0
1,1'-Biphenyl, 2,...	20.98	3.7	ng/ul	219661	5	21.23	1180990	20.0
1,1'-Biphenyl, 2,...	21.57	2.9	ng/ul	168554	5	21.23	1180990	20.0