LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029400.D
Acq On : 08 Apr 2021 08:57
Operator : CG/JU
Sample : M1957-20
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B27

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.952	8	11	17	rVB	142222	153681	5.81%	1.171%
2	3.028	21	24	27	rVV	41053	44106	1.67%	0.336%
3	3.057	27	29	31	rVV2	17653	18823	0.71%	0.143%
4	3.081	31	33	35	rVV	28276	25775	0.97%	0.196%
5	3.116	35	39	44	rVB	2468753	2647333	100.00%	20.171%
6	3.422	88	91	92	rBV	8834	8194	0.31%	0.062%
7	3.452	92	96	101	rVB	83142	100445	3.79%	0.765%
8	3.540	108	111	118	rVB6	5396	6259	0.24%	0.048%
9	3.822	157	159	165	rVB5	6148	8175	0.31%	0.062%
10	3.916	171	175	181	rVB2	16481	23173	0.88%	0.177%
11	4.263	230	234	238	rBV4	4214	6060	0.23%	0.046%
12	4.457	262	267	274	rVB6	6042	10014	0.38%	0.076%
13	5.157	380	386	390	rBV4	4066	7284	0.28%	0.055%
14	5.222	393	397	403	rVB	4028	6066	0.23%	0.046%
15	5.346	414	418	427	rVB4	9794	19952	0.75%	0.152%
16	5.722	476	482	490	rVB4	13491	22024	0.83%	0.168%
17	5.981	521	526	530	rBV6	3612	6029	0.23%	0.046%
18	6.681	637	645	646	rBV5	3036	6129	0.23%	0.047%
19	6.787	659	663	667	rVB3	8216	12471	0.47%	0.095%
20	6.845	667	673	679	rVV6	7026	13413	0.51%	0.102%
21	6.916	682	685	690	rVB2	4726	5352	0.20%	0.041%
22	7.087	708	714	717	rVB5	4470	6518	0.25%	0.050%
23	7.328	748	755	763	rVB3	16970	37273	1.41%	0.284%
24	7.687	807	816	827	rBV	499955	791329	29.89%	6.029%
25	7.798	832	835	845	rVB3	3898	8841	0.33%	0.067%
26	8.234	904	909	914	rVB3	6308	11078	0.42%	0.084%
27	8.328	922	925	929	rBV4	5981	9566	0.36%	0.073%
28	8.792	998	1004	1011	rVB4	6773	13076	0.49%	0.100%
29	8.916	1016	1025	1034	rVV3	12520	27782	1.05%	0.212%
30	9.039	1034	1046	1051	rVB8	3265	10051	0.38%	0.077%
31	10.333	1261	1266	1271	rBV3	7061	10470	0.40%	0.080%
32	10.469	1281	1289	1295	rBV	607724	1022549	38.63%	7.791%
33	10.516	1295	1297	1303	rVB	15834	23267	0.88%	0.177%
34	10.639	1315	1318	1325	rVB3	3883	5277	0.20%	0.040%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029400.D
Acq On : 08 Apr 2021 08:57
Operator : CG/JU
Sample : M1957-20
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B27

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

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

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

35	11.169	1399	1408	1414	rBV8	3419	8287	0.31%	0.063%
36	11.504	1460	1465	1469	rBV3	3466	6698	0.25%	0.051%
37	11.904	1528	1533	1537	rBV3	4376	7621	0.29%	0.058%
38	12.139	1567	1573	1579	rVB3	8640	16177	0.61%	0.123%
39	12.357	1606	1610	1621	rBV5	4968	11162	0.42%	0.085%
40	12.863	1694	1696	1701	rVB6	3482	5346	0.20%	0.041%
41	13.157	1742	1746	1755	rVB5	7625	12363	0.47%	0.094%
42	13.645	1825	1829	1835	rBV6	5884	9301	0.35%	0.071%
43	13.745	1842	1846	1850	rBV5	7146	8778	0.33%	0.067%
44	13.821	1853	1859	1863	rBV8	6447	11845	0.45%	0.090%
45	13.880	1863	1869	1872	rVB6	4840	8603	0.32%	0.066%
46	14.063	1896	1900	1907	rBV9	5694	11838	0.45%	0.090%
47	14.157	1913	1916	1922	rVB5	10225	15274	0.58%	0.116%
48	14.233	1925	1929	1935	rVB4	12294	16291	0.62%	0.124%
49	14.321	1935	1944	1953	rBV	815315	1213325	45.83%	9.245%
50	14.721	2009	2012	2018	rVB5	7909	12981	0.49%	0.099%
51	14.857	2032	2035	2041	rVB8	7398	13114	0.50%	0.100%
52	14.992	2054	2058	2063	rVB7	6111	8455	0.32%	0.064%
53	15.116	2076	2079	2085	rVB7	12269	16638	0.63%	0.127%
54	15.192	2088	2092	2095	rBV3	12850	17644	0.67%	0.134%
55	15.592	2158	2160	2166	rVB6	9841	13842	0.52%	0.105%
56	15.668	2171	2173	2176	rBV4	5769	7460	0.28%	0.057%
57	16.051	2234	2238	2239	rBV3	25561	28455	1.07%	0.217%
58	16.598	2329	2331	2335	rVB5	14131	15952	0.60%	0.122%
59	16.886	2378	2380	2388	rVB7	19253	33009	1.25%	0.252%
60	17.062	2405	2410	2415	rBV	845947	1195246	45.15%	9.107%
61	17.104	2415	2417	2423	rVB	118691	136767	5.17%	1.042%
62	17.245	2438	2441	2447	rBV7	28892	42361	1.60%	0.323%
63	17.668	2509	2513	2521	rVB	116944	171379	6.47%	1.306%
64	17.915	2552	2555	2557	rBV3	30222	36370	1.37%	0.277%
65	18.133	2588	2592	2598	rVV	128140	167903	6.34%	1.279%
66	18.198	2600	2603	2606	rVB2	59348	70116	2.65%	0.534%
67	18.421	2637	2641	2647	rBV2	78229	132705	5.01%	1.011%
68	18.598	2668	2671	2675	rVB2	59091	73528	2.78%	0.560%
69	18.904	2720	2723	2727	rBV3	57647	73871	2.79%	0.563%
70	18.986	2734	2737	2744	rVB3	169925	267588	10.11%	2.039%
71	19.121	2756	2760	2764	rVB	121814	162689	6.15%	1.240%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029400.D
Acq On : 08 Apr 2021 08:57
Operator : CG/JU
Sample : M1957-20
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B27

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

72	19.268	2781	2785	2791	rVV2	179698	244076	9.22%	1.860%
73	19.333	2793	2796	2801	rVB4	43457	54618	2.06%	0.416%
74	19.609	2839	2843	2847	rVB4	65630	84312	3.18%	0.642%
75	19.715	2857	2861	2865	rVB	145602	204960	7.74%	1.562%
76	19.839	2879	2882	2885	rBV4	43278	50279	1.90%	0.383%
77	19.980	2901	2906	2910	rBV	193465	243388	9.19%	1.854%
78	20.027	2910	2914	2919	rVB3	104734	137975	5.21%	1.051%
79	20.256	2949	2953	2957	rVB	210822	256415	9.69%	1.954%
80	20.309	2959	2962	2964	rBV3	65711	76253	2.88%	0.581%
81	20.568	3000	3006	3012	rVB3	162433	264722	10.00%	2.017%
82	20.715	3029	3031	3036	rVB4	74629	87304	3.30%	0.665%
83	21.239	3115	3120	3123	rBV	772241	995672	37.61%	7.586%
84	21.268	3123	3125	3131	rVB4	192854	239224	9.04%	1.823%
85	23.444	3490	3495	3505	rVB2	508707	996736	37.65%	7.594%

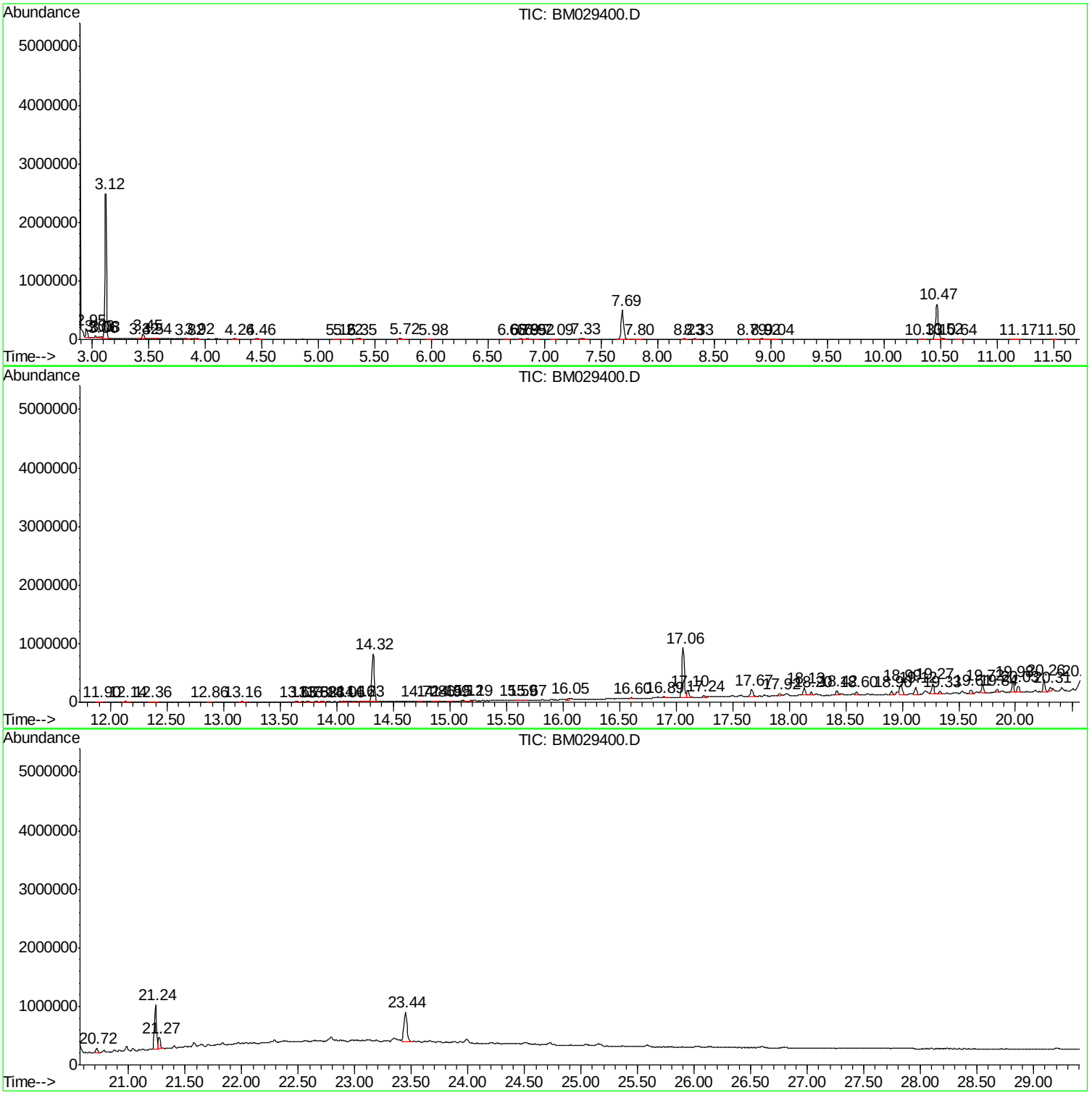
Sum of corrected areas: 13124751

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029400.D
Acq On : 08 Apr 2021 08:57
Operator : CG/JU
Sample : M1957-20
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B27

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029400.D
Acq On : 08 Apr 2021 08:57
Operator : CG/JU
Sample : M1957-20
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B27

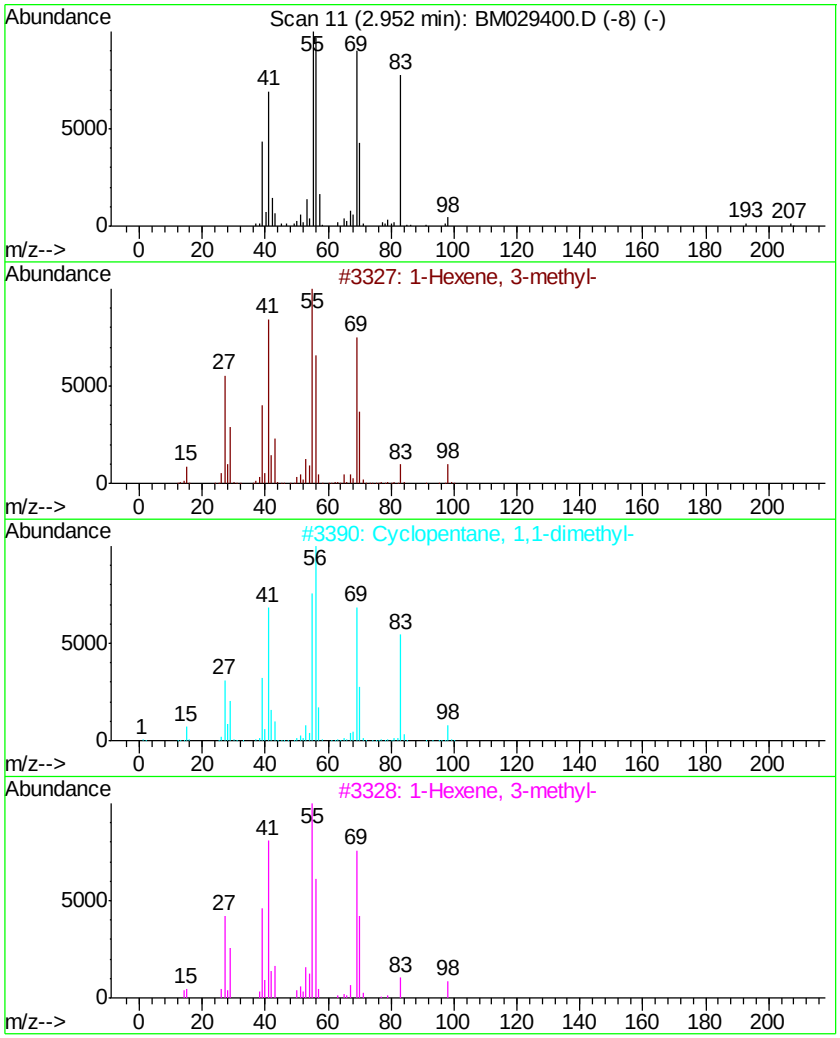
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

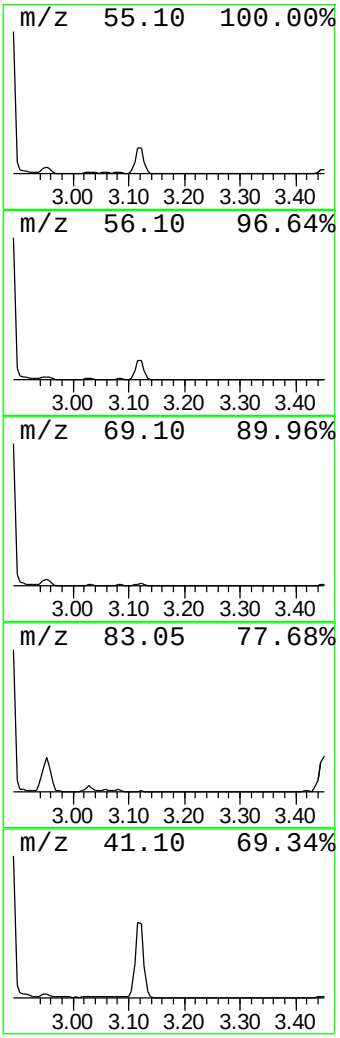
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	3.88 ng/ul	153681	1,4-Dichlorobenzene-d4	7.69

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	53
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	50
4	3-Heptene	98	C7H14	000592-78-9	49
5	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029400.D
Acq On : 08 Apr 2021 08:57
Operator : CG/JU
Sample : M1957-20
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B27

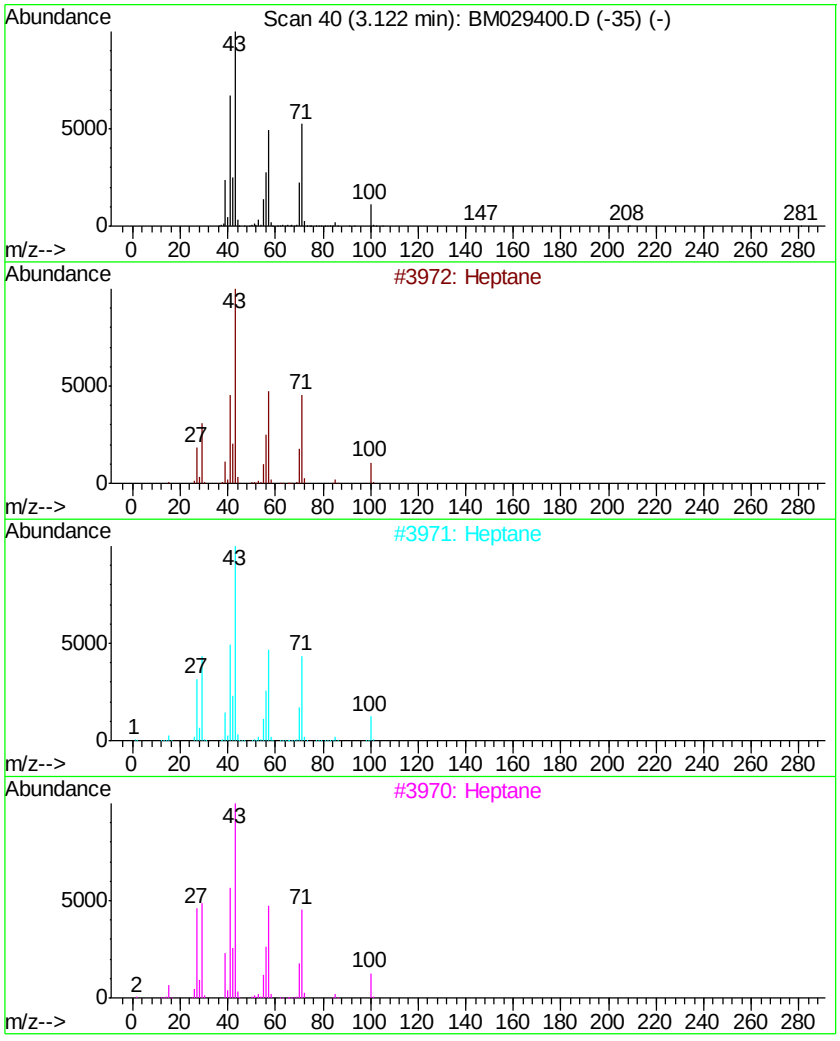
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

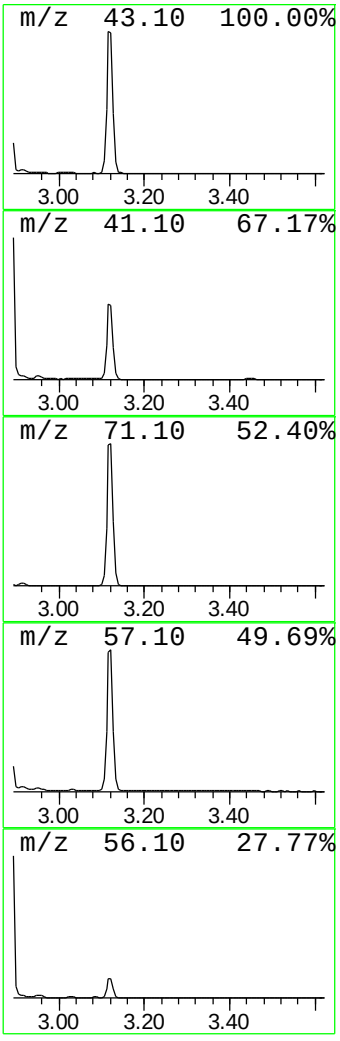
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	66.91 ng/ul	2647330	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	90
3	Heptane	100	C7H16	000142-82-5	87
4	Heptane	100	C7H16	000142-82-5	86
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029400.D
Acq On : 08 Apr 2021 08:57
Operator : CG/JU
Sample : M1957-20
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B27

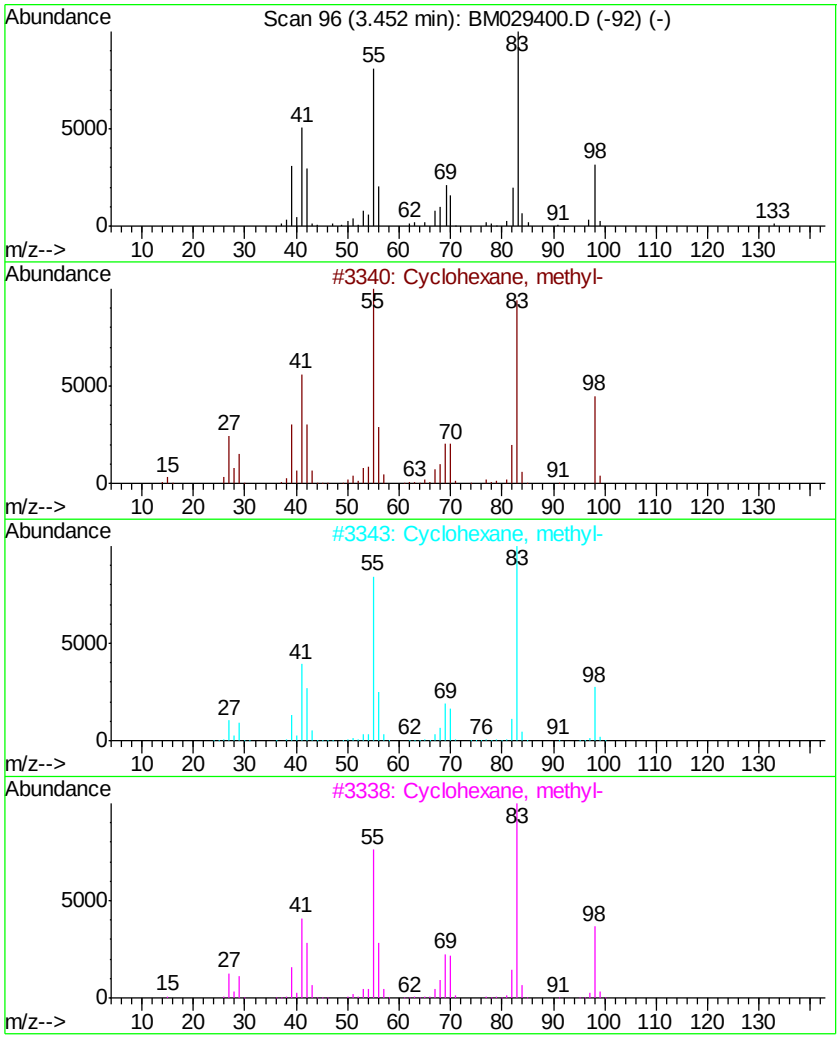
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

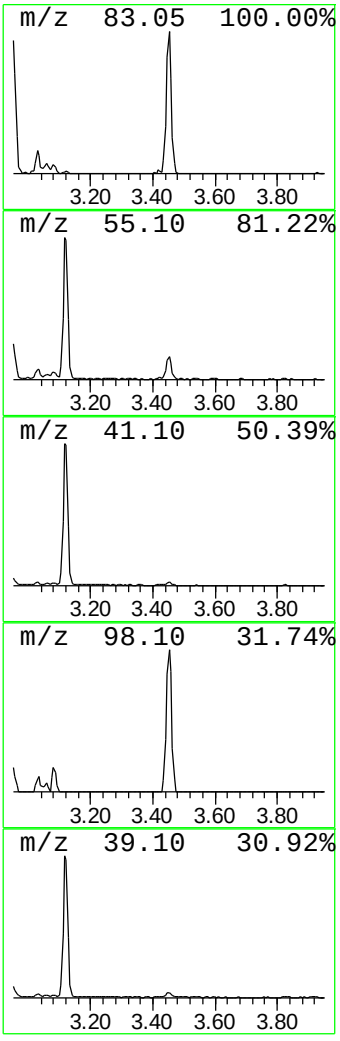
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic3.45 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	2.54 ng/ul	100445	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	93
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	90
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	90
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	90
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029400.D
Acq On : 08 Apr 2021 08:57
Operator : CG/JU
Sample : M1957-20
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B27

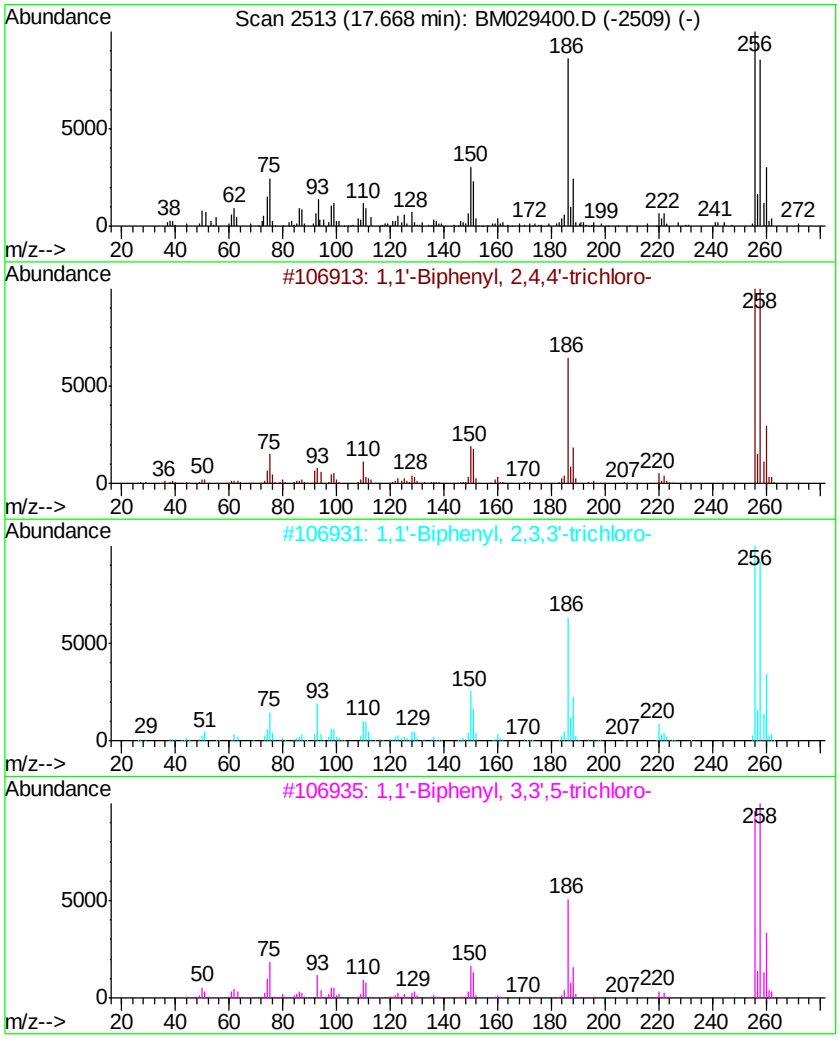
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

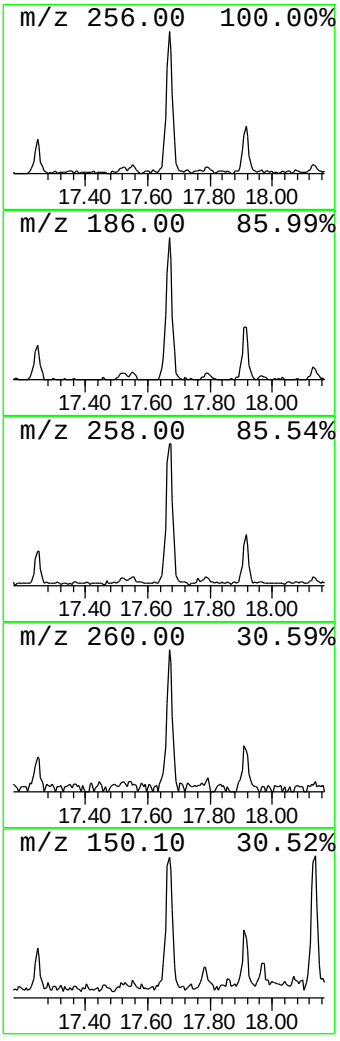
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	2.87 ng/ul	171379	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, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	98
3	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	97
4	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	95
5	3,4,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	053555-66-1	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029400.D
Acq On : 08 Apr 2021 08:57
Operator : CG/JU
Sample : M1957-20
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B27

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

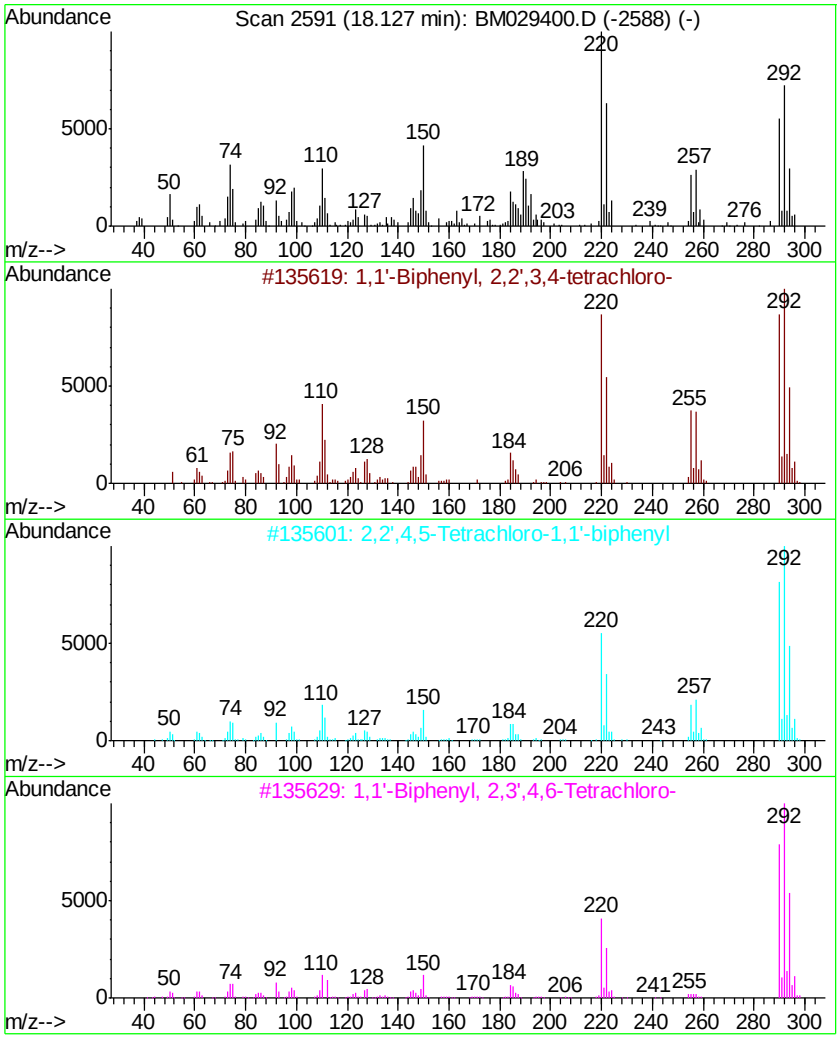
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

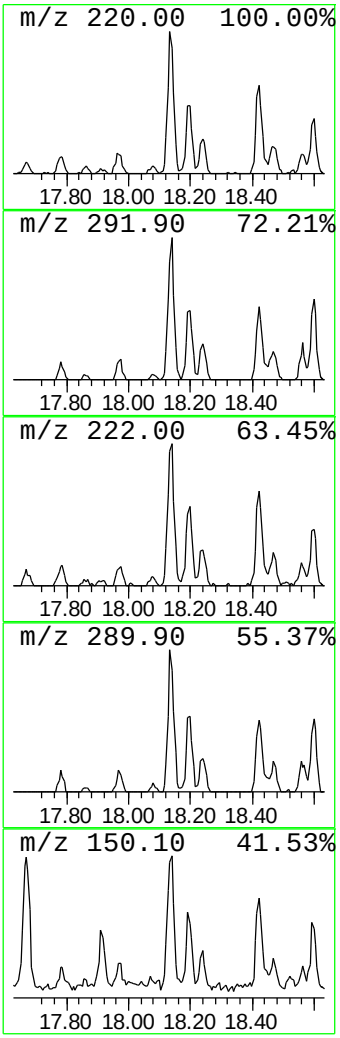
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	2.81 ng/ul	167903	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',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029400.D
Acq On : 08 Apr 2021 08:57
Operator : CG/JU
Sample : M1957-20
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B27

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

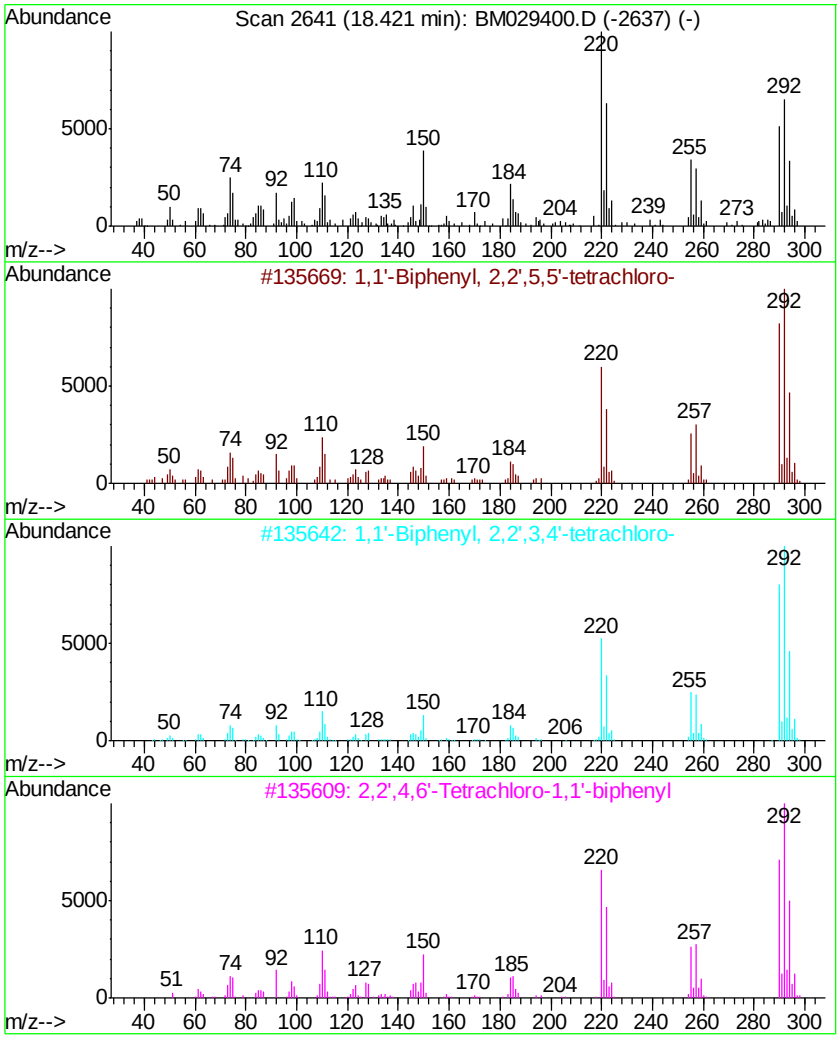
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

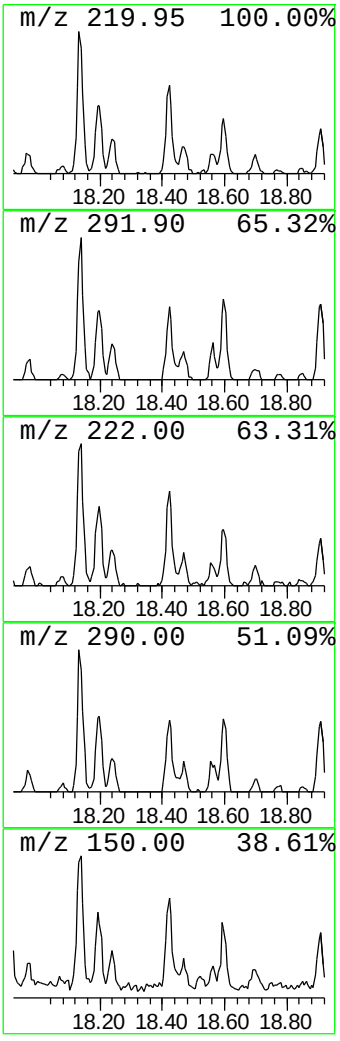
****

Peak Number 6 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.22 ng/ul	132705	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	99
2	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
3	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029400.D
Acq On : 08 Apr 2021 08:57
Operator : CG/JU
Sample : M1957-20
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B27

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

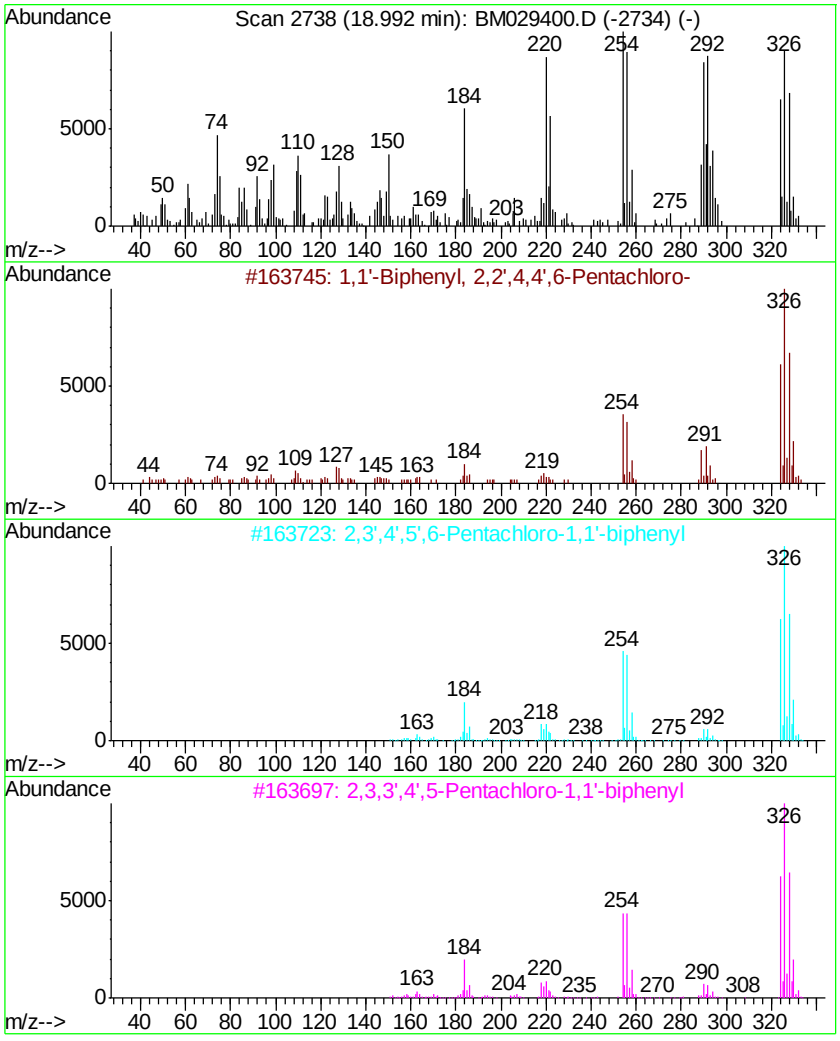
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

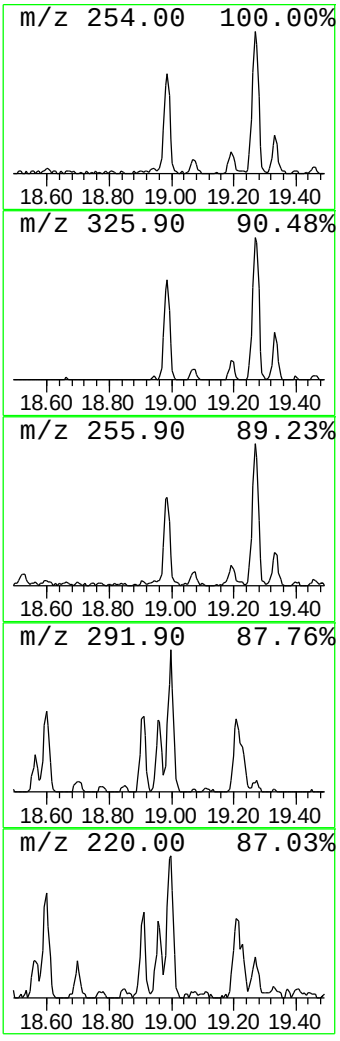
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	4.48 ng/ul	267588	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
2	2,3',4',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	074472-39-2	99
3	2,3,3',4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	070424-68-9	99
4	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	99
5	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029400.D
Acq On : 08 Apr 2021 08:57
Operator : CG/JU
Sample : M1957-20
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B27

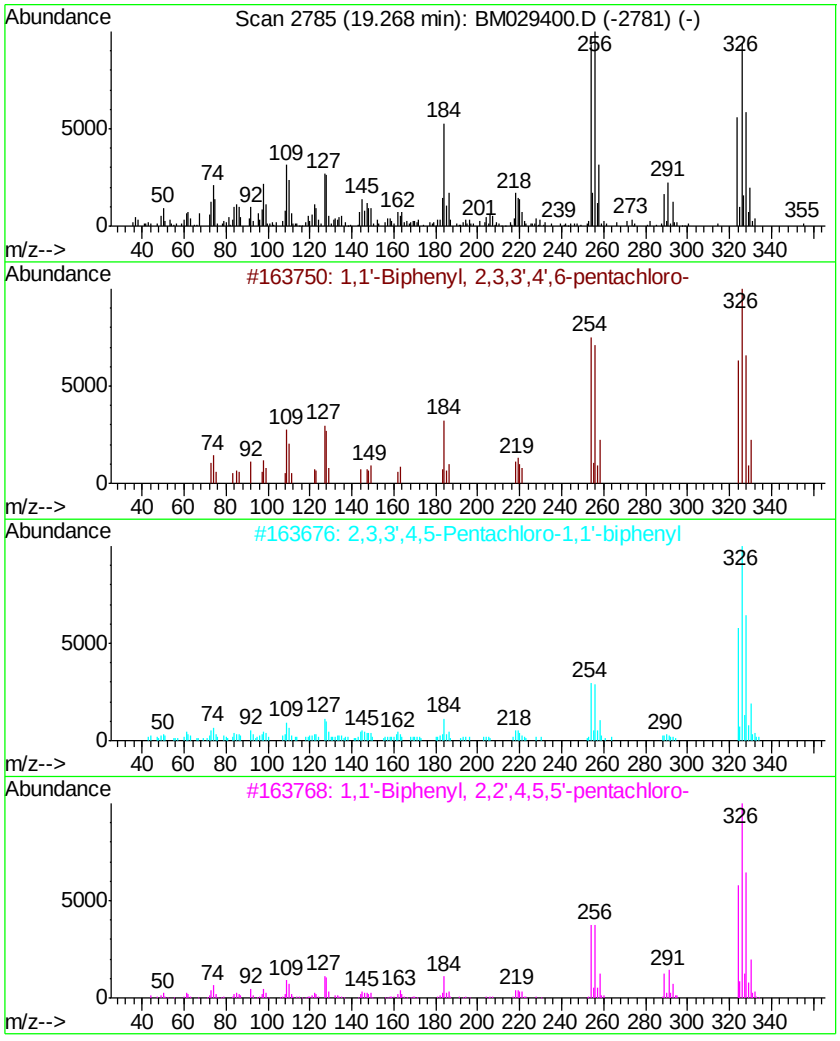
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

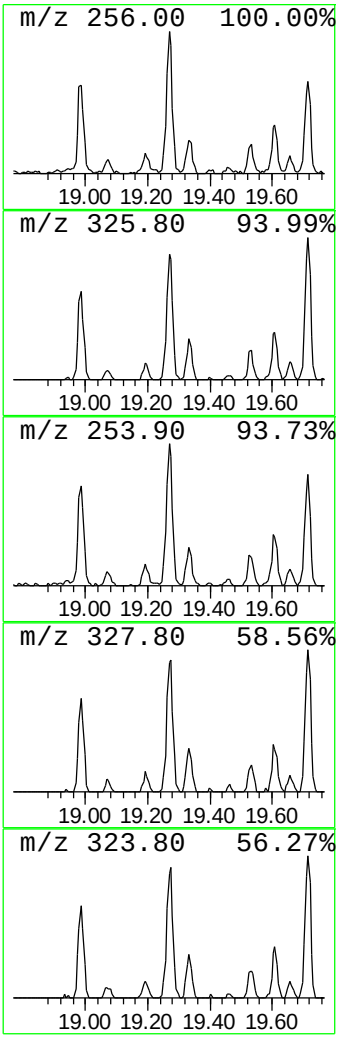
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,3,3',4,5-Pentachloro-1,1'... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	4.90 ng/ul	244076	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
4	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	98
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029400.D
Acq On : 08 Apr 2021 08:57
Operator : CG/JU
Sample : M1957-20
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B27

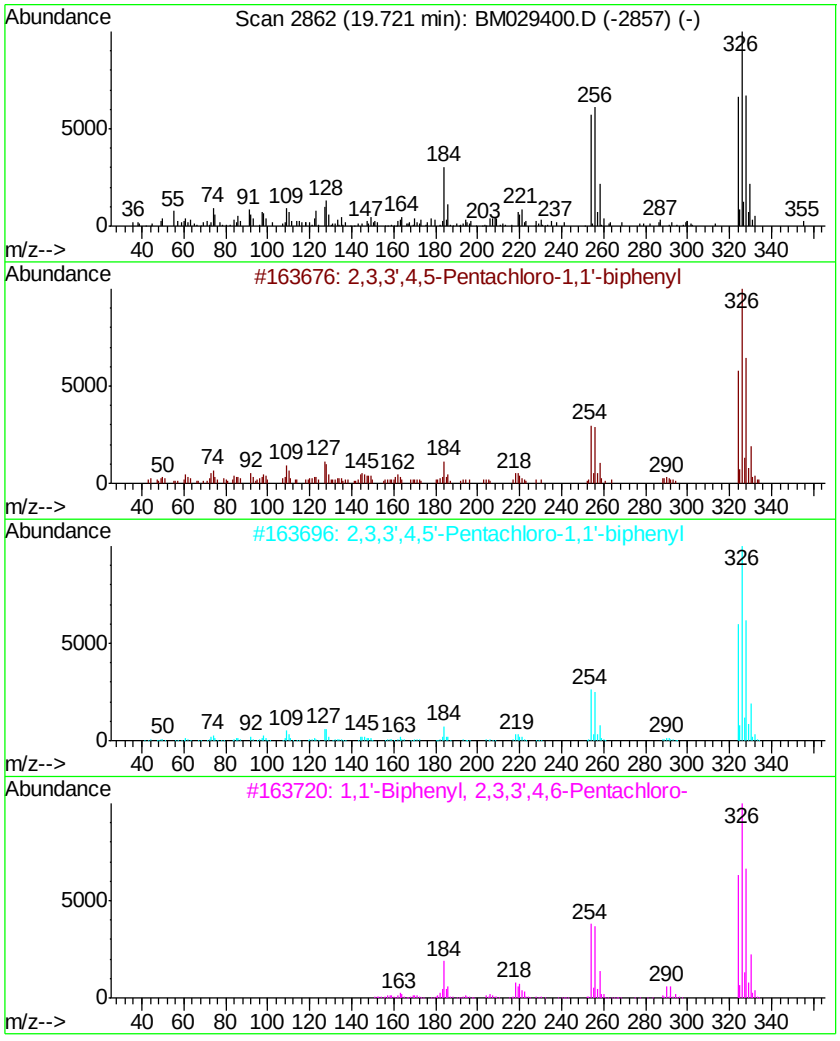
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

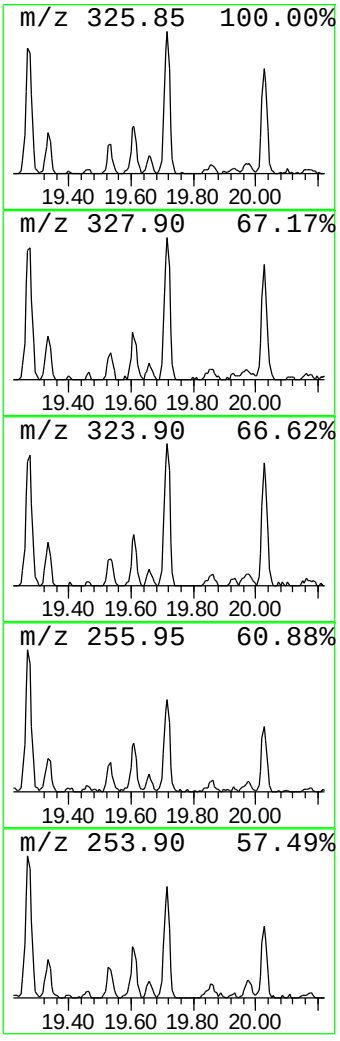
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,1'-Biphenyl, 2,3,3',4,6-P... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	4.12 ng/ul	204960	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	97
2	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	96
3	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	96
4	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	95
5	2,3,3',4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	070424-68-9	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029400.D
Acq On : 08 Apr 2021 08:57
Operator : CG/JU
Sample : M1957-20
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B27

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

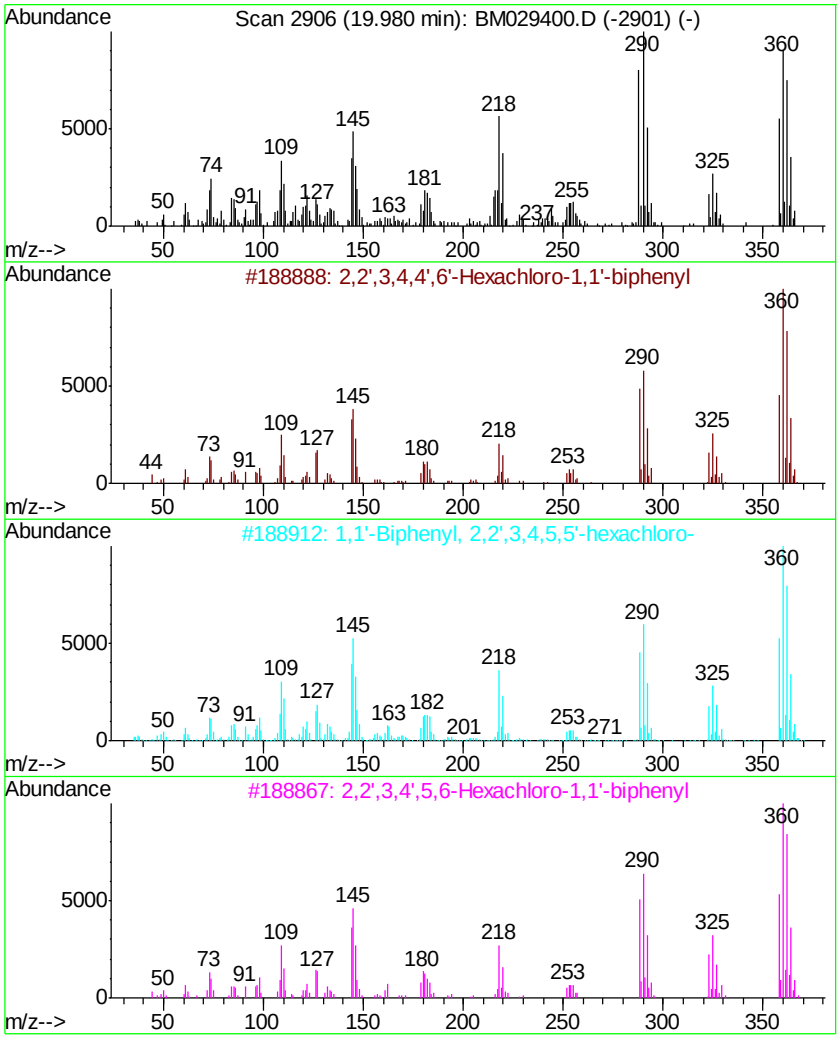
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

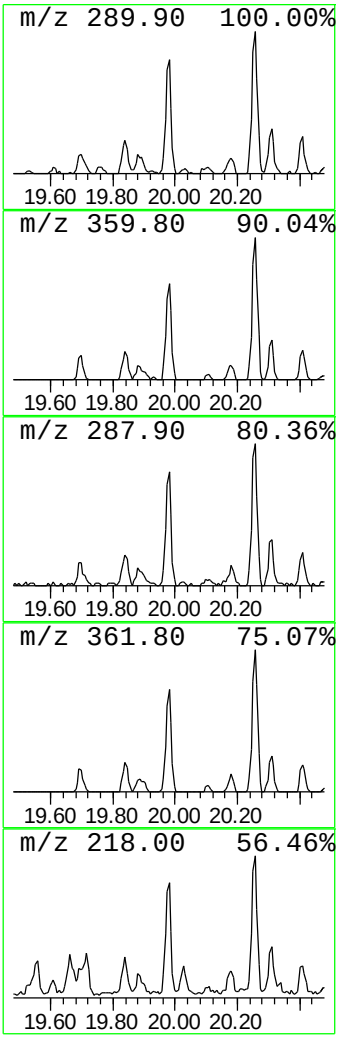
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	4.89 ng/ul	243388	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
2	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029400.D
Acq On : 08 Apr 2021 08:57
Operator : CG/JU
Sample : M1957-20
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B27

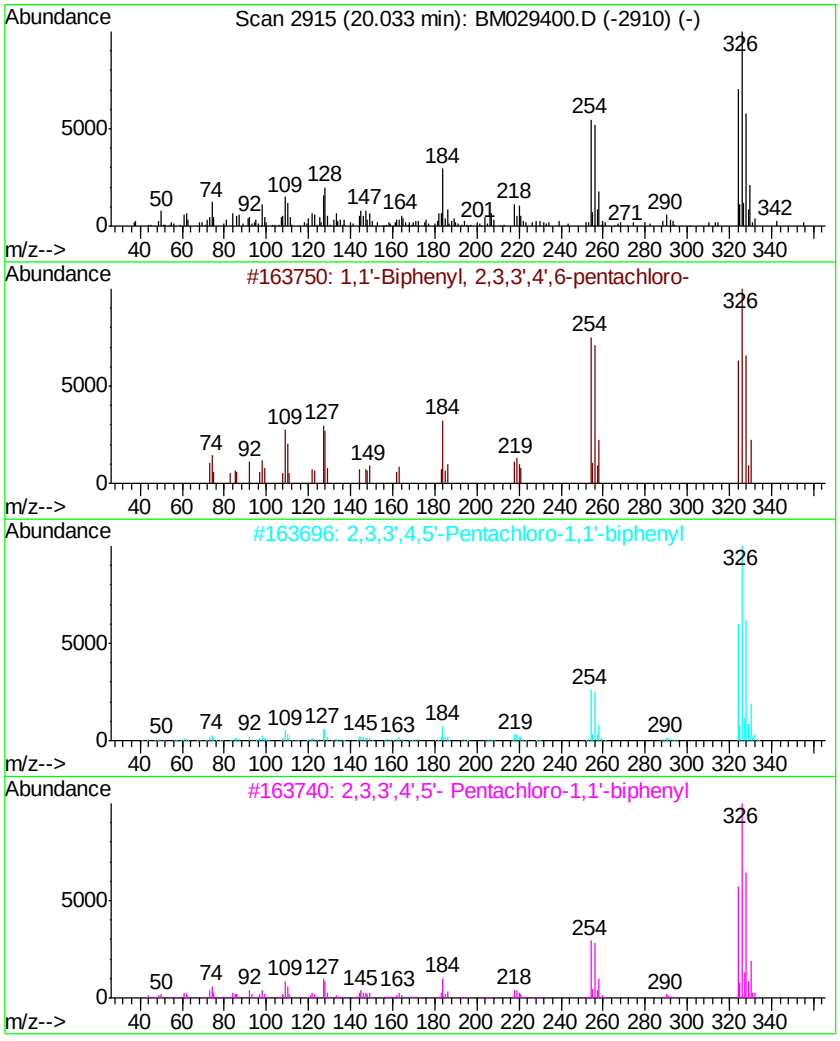
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

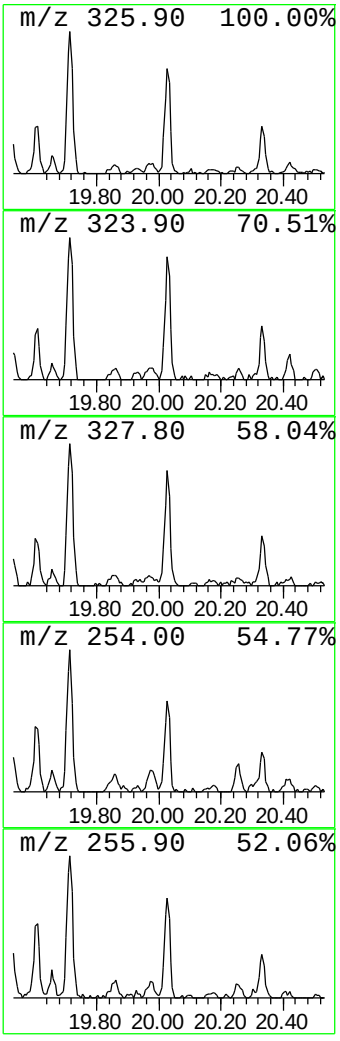
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.77 ng/ul	137975	Chrysene-d12	21.24

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029400.D
Acq On : 08 Apr 2021 08:57
Operator : CG/JU
Sample : M1957-20
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B27

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

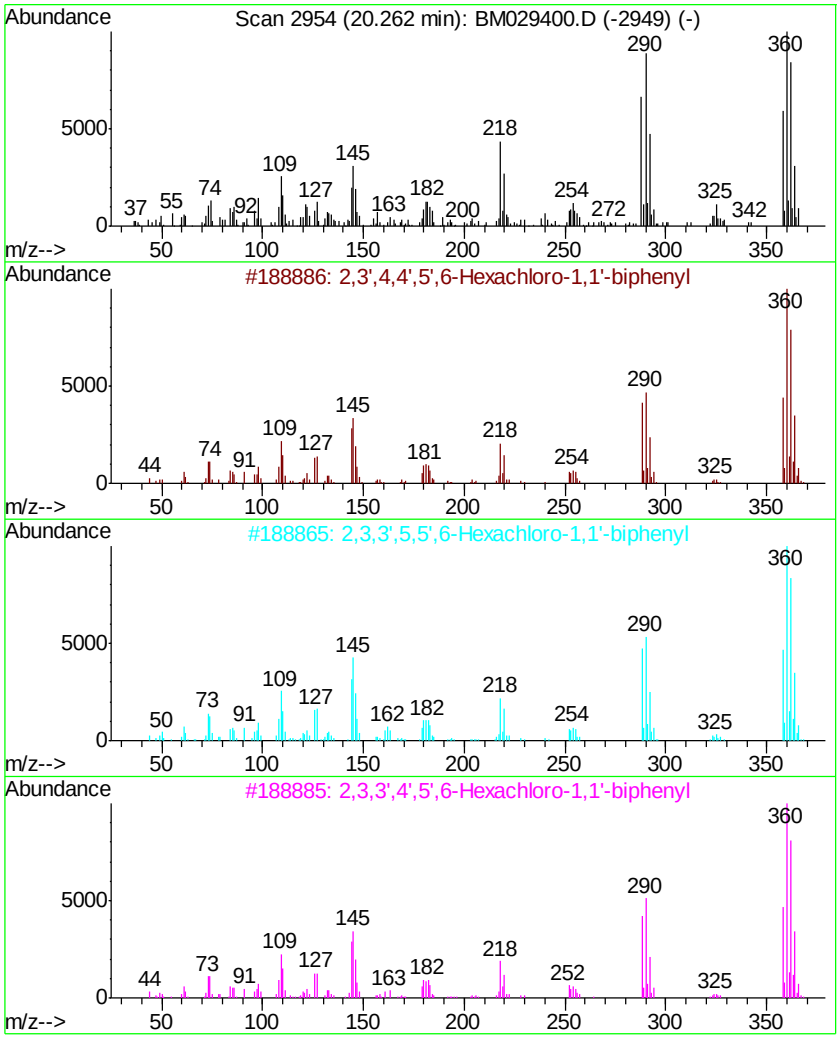
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

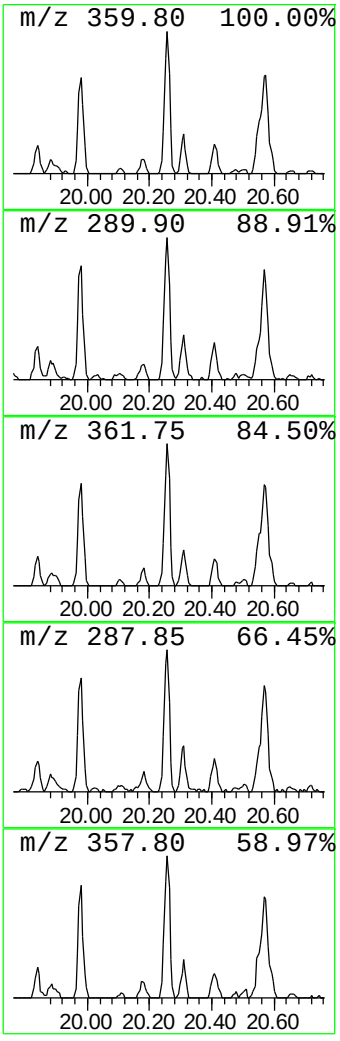
****

Peak Number 12 2,3',4,4',5',6-Hexachloro-1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	5.15 ng/ul	256415	Chrysene-d12	21.24

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	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99
3	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
4	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
5	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029400.D
Acq On : 08 Apr 2021 08:57
Operator : CG/JU
Sample : M1957-20
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B27

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

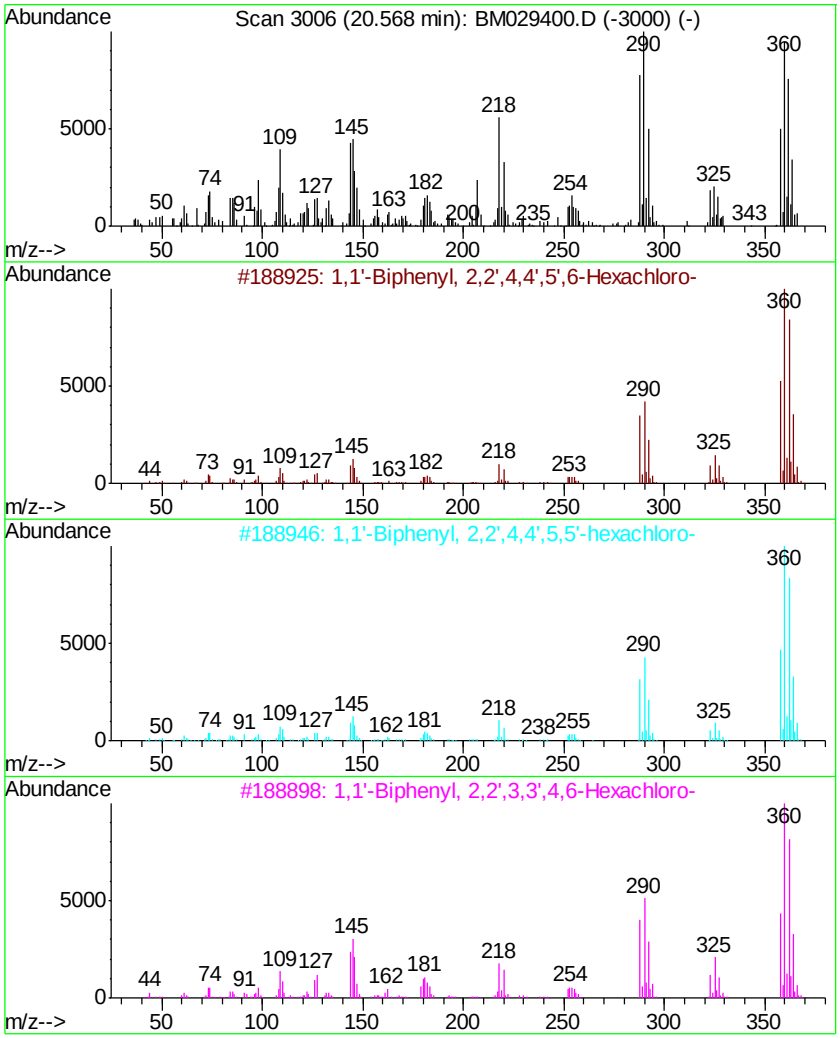
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

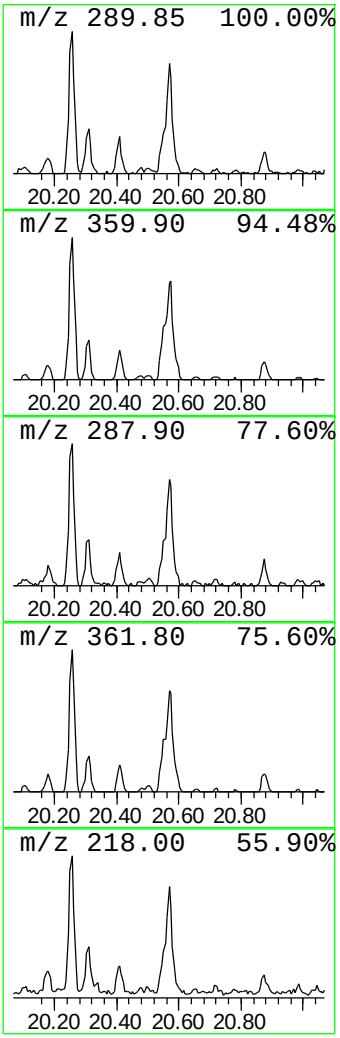
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	5.32 ng/ul	264722	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
2	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
4	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
5	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040721\
Data File : BM029400.D
Acq On : 08 Apr 2021 08:57
Operator : CG/JU
Sample : M1957-20
Misc : GCMS CONFIRMATION
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B27

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...	2.95	3.9	ng/ul	153681	1	7.69	791329	20.0
(DEL) Alkane: Str...	3.12	66.9	ng/ul	2647330	1	7.69	791329	20.0
(DEL) Alkane: Cyc...	3.45	2.5	ng/ul	100445	1	7.69	791329	20.0
1,1'-Biphenyl, 2,...	17.67	2.9	ng/ul	171379	4	17.06	1195250	20.0
1,1'-Biphenyl, 2,...	18.13	2.8	ng/ul	167903	4	17.06	1195250	20.0
1,1'-Biphenyl, 2,...	18.42	2.2	ng/ul	132705	4	17.06	1195250	20.0
1,1'-Biphenyl, 2,...	18.99	4.5	ng/ul	267588	4	17.06	1195250	20.0
2,3,3',4,5-Pentac...	19.27	4.9	ng/ul	244076	5	21.24	995672	20.0
1,1'-Biphenyl, 2,...	19.72	4.1	ng/ul	204960	5	21.24	995672	20.0
2,2',3,4,4',6'-He...	19.98	4.9	ng/ul	243388	5	21.24	995672	20.0
1,1'-Biphenyl, 2,...	20.03	2.8	ng/ul	137975	5	21.24	995672	20.0
2,3',4,4',5',6-He...	20.26	5.2	ng/ul	256415	5	21.24	995672	20.0
1,1'-Biphenyl, 2,...	20.57	5.3	ng/ul	264722	5	21.24	995672	20.0