LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120418\
Data File : BM017896.D
Acq On : 04 Dec 2018 04:32
Operator : JU/SJ
Sample : J6045-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4T2

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-BM111918MA.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	3.016	3	5	7	rVB2	20595	17268	0.47%	0.060%
2	3.063	11	13	15	rVV	19925	16567	0.45%	0.058%
3	3.099	15	19	26	rVB	487198	481460	13.11%	1.679%
4	3.416	70	73	80	rVB2	14302	17107	0.47%	0.060%
5	5.869	484	490	496	rBV5	5689	10436	0.28%	0.036%
6	5.987	504	510	515	rVB4	5897	12339	0.34%	0.043%
7	6.146	532	537	541	rBV	16662	23339	0.64%	0.081%
8	6.234	547	552	553	rVV3	8022	12892	0.35%	0.045%
9	6.251	553	555	559	rVB3	14539	16828	0.46%	0.059%
10	6.463	586	591	592	rVV2	12273	17233	0.47%	0.060%
11	6.475	592	593	599	rVB3	14635	16918	0.46%	0.059%
12	6.569	606	609	614	rBV4	6933	10815	0.29%	0.038%
13	6.675	622	627	630	rBV3	10119	16144	0.44%	0.056%
14	6.710	630	633	636	rBV3	12532	18261	0.50%	0.064%
15	6.904	660	666	670	rBV4	10959	17175	0.47%	0.060%
16	7.034	684	688	689	rBV4	8760	12157	0.33%	0.042%
17	7.057	689	692	697	rVB4	15563	23956	0.65%	0.084%
18	7.128	700	704	713	rVB5	17514	32935	0.90%	0.115%
19	7.228	713	721	726	rBV8	9402	23264	0.63%	0.081%
20	7.287	727	731	736	rVB7	6640	10941	0.30%	0.038%
21	7.369	741	745	748	rBV3	14652	24255	0.66%	0.085%
22	7.398	748	750	754	rVB2	18477	20217	0.55%	0.071%
23	7.469	754	762	763	rBV5	17360	33035	0.90%	0.115%
24	7.492	763	766	768	rVB4	9037	10888	0.30%	0.038%
25	7.575	768	780	788	rBV	758619	1327480	36.16%	4.629%
26	7.681	796	798	801	rBV4	7253	9693	0.26%	0.034%
27	7.751	805	810	813	rVB4	31173	40518	1.10%	0.141%
28	7.787	813	816	818	rBV3	10658	12002	0.33%	0.042%
29	7.816	818	821	824	rBV2	18167	26289	0.72%	0.092%
30	7.904	833	836	840	rBV3	14188	18903	0.51%	0.066%
31	7.998	846	852	859	rBV6	19396	37322	1.02%	0.130%
32	8.063	859	863	866	rBV4	10151	19787	0.54%	0.069%
33	8.110	866	871	876	rVB6	20828	43141	1.18%	0.150%
34	8.157	876	879	886	rVB7	6620	11028	0.30%	0.038%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120418\
Data File : BM017896.D
Acq On : 04 Dec 2018 04:32
Operator : JU/SJ
Sample : J6045-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4T2

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-BM111918MA.M
Title : SVOA CALIBRATION

35	8.228	886	891	892	rBV4	10316	13702	0.37%	0.048%
36	8.245	892	894	899	rVB4	11140	16569	0.45%	0.058%
37	8.381	914	917	920	rBV5	7962	9809	0.27%	0.034%
38	8.434	921	926	929	rVB6	9189	14364	0.39%	0.050%
39	8.522	937	941	943	rBV4	9008	11587	0.32%	0.040%
40	8.628	954	959	960	rBV3	19731	24633	0.67%	0.086%
41	8.663	961	965	970	rVB4	30348	53852	1.47%	0.188%
42	8.751	974	980	986	rBV7	23598	46662	1.27%	0.163%
43	8.869	994	1000	1002	rBV3	27479	46195	1.26%	0.161%
44	8.898	1003	1005	1012	rVV5	27247	51268	1.40%	0.179%
45	8.981	1013	1019	1021	rVV6	10505	22146	0.60%	0.077%
46	9.022	1021	1026	1032	rVV6	17489	44620	1.22%	0.156%
47	9.086	1032	1037	1038	rVV5	5954	10210	0.28%	0.036%
48	9.104	1038	1040	1042	rVV2	8262	9855	0.27%	0.034%
49	9.128	1042	1044	1049	rVV6	10744	16549	0.45%	0.058%
50	9.198	1049	1056	1061	rVV6	22192	46044	1.25%	0.161%
51	9.251	1061	1065	1072	rVV6	19796	47737	1.30%	0.166%
52	9.316	1072	1076	1081	rVB5	8978	15456	0.42%	0.054%
53	9.434	1091	1096	1098	rBV6	10850	16280	0.44%	0.057%
54	9.469	1100	1102	1106	rVV5	10422	12900	0.35%	0.045%
55	9.522	1106	1111	1116	rVB5	24927	43210	1.18%	0.151%
56	9.792	1153	1157	1161	rVB5	5982	9967	0.27%	0.035%
57	9.939	1174	1182	1184	rBV6	8738	16630	0.45%	0.058%
58	10.204	1222	1227	1229	rBV4	8558	12870	0.35%	0.045%
59	10.345	1243	1251	1266	rVV	1104857	2017036	54.94%	7.034%
60	10.504	1274	1278	1284	rVB4	9929	18105	0.49%	0.063%
61	13.710	1815	1823	1828	rVB6	7783	15113	0.41%	0.053%
62	14.227	1904	1911	1919	rVV2	1754127	2755199	75.05%	9.608%
63	14.286	1919	1921	1928	rVV3	26928	47441	1.29%	0.165%
64	15.292	2087	2092	2098	rVB2	19417	38859	1.06%	0.136%
65	15.492	2120	2126	2137	rVV	774901	1129438	30.76%	3.939%
66	15.980	2203	2209	2213	rBV3	28661	43088	1.17%	0.150%
67	16.221	2245	2250	2254	rVB2	25727	38407	1.05%	0.134%
68	16.445	2285	2288	2292	rBV6	7242	9882	0.27%	0.034%
69	16.515	2294	2300	2306	rVV	1304457	1748964	47.64%	6.099%
70	16.804	2345	2349	2352	rVB4	36892	49865	1.36%	0.174%
71	16.868	2355	2360	2361	rBV2	24859	33251	0.91%	0.116%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120418\
Data File : BM017896.D
Acq On : 04 Dec 2018 04:32
Operator : JU/SJ
Sample : J6045-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4T2

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-BM111918MA.M
Title : SVOA CALIBRATION

72	16.898	2361	2365	2370	rVB	122350	168899	4.60%	0.589%
73	16.980	2373	2379	2384	rBV2	2094030	3149857	85.80%	10.984%
74	17.021	2384	2386	2394	rVB	381168	528359	14.39%	1.842%
75	17.127	2400	2404	2406	rBV	25285	35500	0.97%	0.124%
76	17.162	2406	2410	2416	rVB2	217761	312340	8.51%	1.089%
77	17.362	2439	2444	2449	rBV2	278370	382557	10.42%	1.334%
78	17.527	2468	2472	2477	rBV7	27717	38936	1.06%	0.136%
79	17.574	2478	2480	2481	rBV2	14117	11489	0.31%	0.040%
80	17.698	2496	2501	2506	rBV2	265982	361732	9.85%	1.261%
81	17.774	2509	2514	2523	rBV	411102	595372	16.22%	2.076%
82	17.862	2526	2529	2533	rVV	30213	50821	1.38%	0.177%
83	17.909	2535	2537	2544	rVB2	39679	64344	1.75%	0.224%
84	18.056	2558	2562	2566	rVB	118881	152465	4.15%	0.532%
85	18.115	2567	2572	2575	rVV2	258641	347901	9.48%	1.213%
86	18.156	2575	2579	2585	rVB	627999	831222	22.64%	2.899%
87	18.274	2595	2599	2607	rVB8	36046	72200	1.97%	0.252%
88	18.586	2648	2652	2657	rBV7	65962	98533	2.68%	0.344%
89	18.674	2663	2667	2671	rVB	155203	203432	5.54%	0.709%
90	18.909	2704	2707	2713	rVB6	67420	108783	2.96%	0.379%
91	18.992	2718	2721	2726	rBV7	34487	50658	1.38%	0.177%
92	19.051	2726	2731	2737	rBV	711609	994712	27.09%	3.469%
93	19.198	2751	2756	2761	rVB5	90648	150701	4.10%	0.526%
94	19.415	2785	2793	2802	rBV	516839	862239	23.49%	3.007%
95	19.909	2874	2877	2882	rVB2	191274	253296	6.90%	0.883%
96	20.192	2922	2925	2928	rBV2	144491	154412	4.21%	0.538%
97	21.186	3088	3094	3098	rBV2	2454761	3671281	100.00%	12.802%
98	21.221	3098	3100	3111	rVB	551629	714235	19.45%	2.491%
99	22.715	3350	3354	3360	rBV2	408999	805716	21.95%	2.810%
100	23.368	3459	3465	3472	rVB	1384415	2504063	68.21%	8.732%

Sum of corrected areas: 28676411

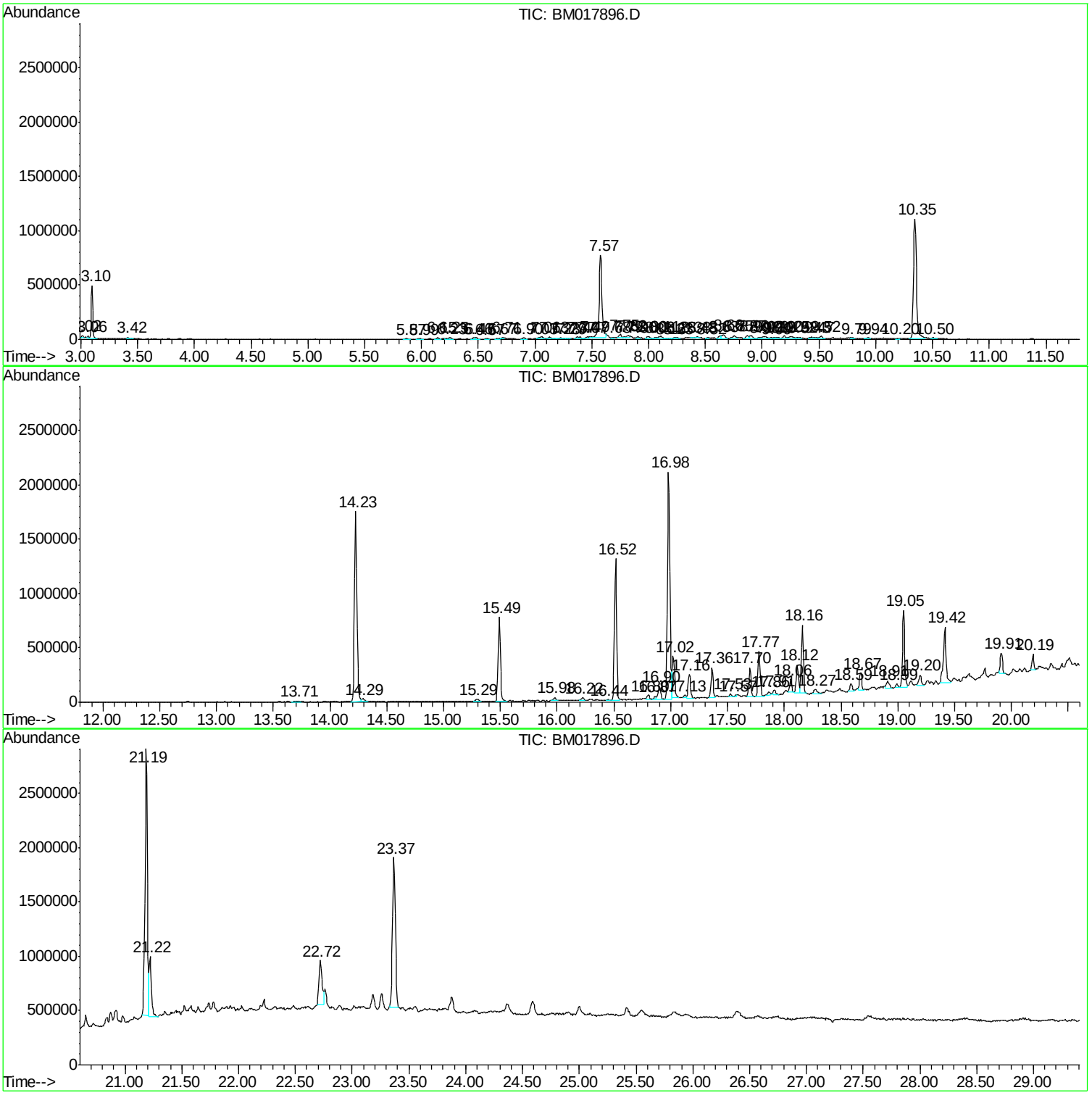
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120418\
Data File : BM017896.D
Acq On : 04 Dec 2018 04:32
Operator : JU/SJ
Sample : J6045-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4T2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120418\
Data File : BM017896.D
Acq On : 04 Dec 2018 04:32
Operator : JU/SJ
Sample : J6045-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4T2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

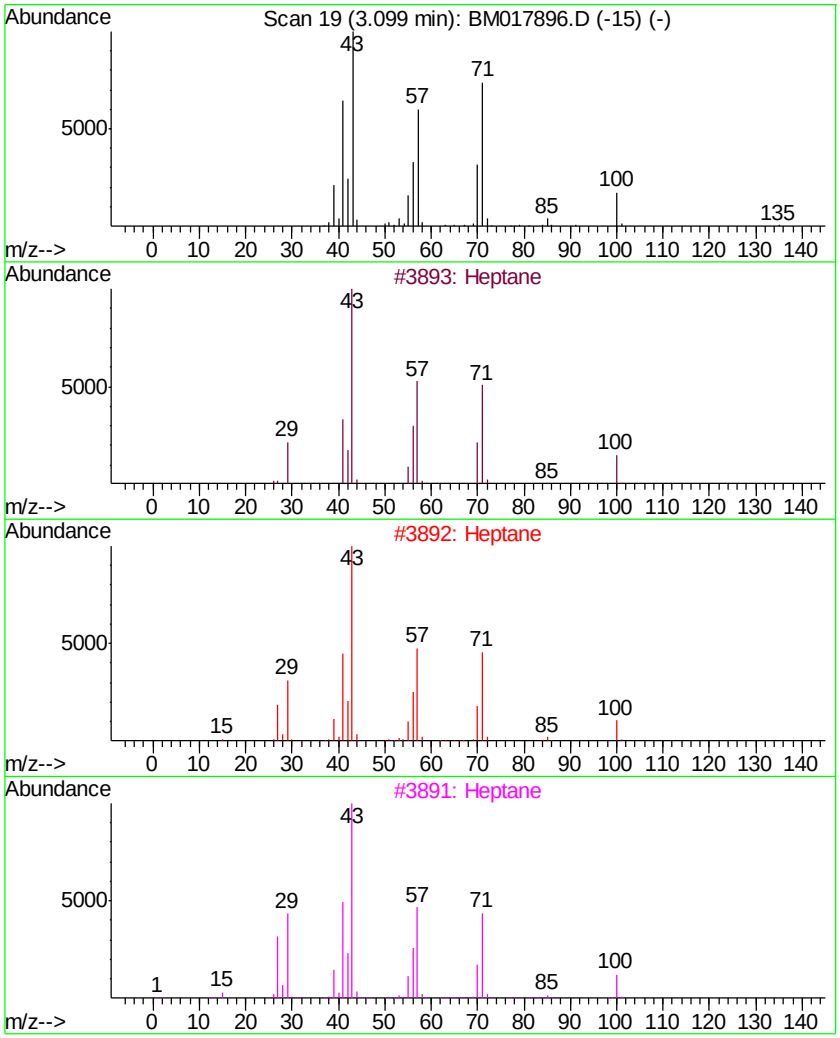
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

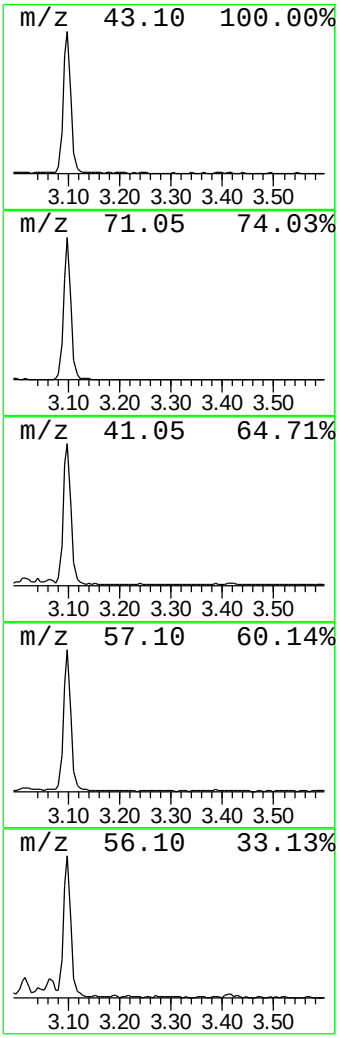
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	7.25 ng/ul	481460	1,4-Dichlorobenzene-d4	7.57

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	68
4	1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	59
5	Heptane	100	C7H16	000142-82-5	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120418\
Data File : BM017896.D
Acq On : 04 Dec 2018 04:32
Operator : JU/SJ
Sample : J6045-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4T2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

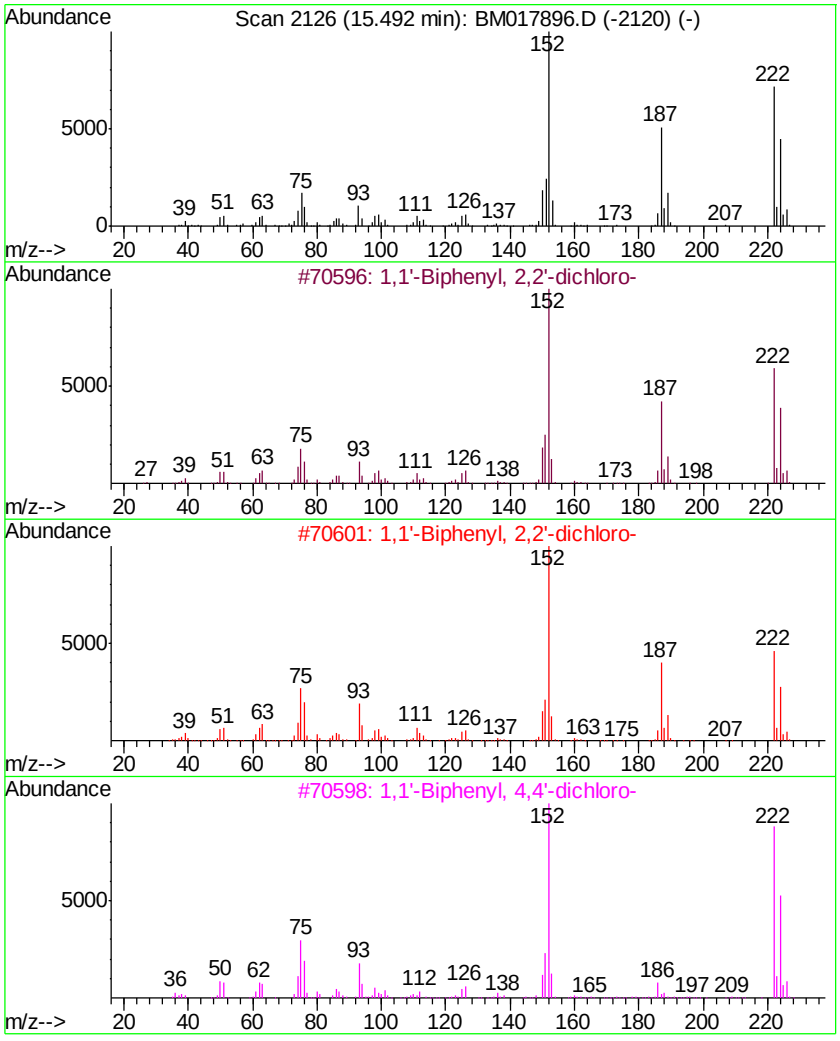
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

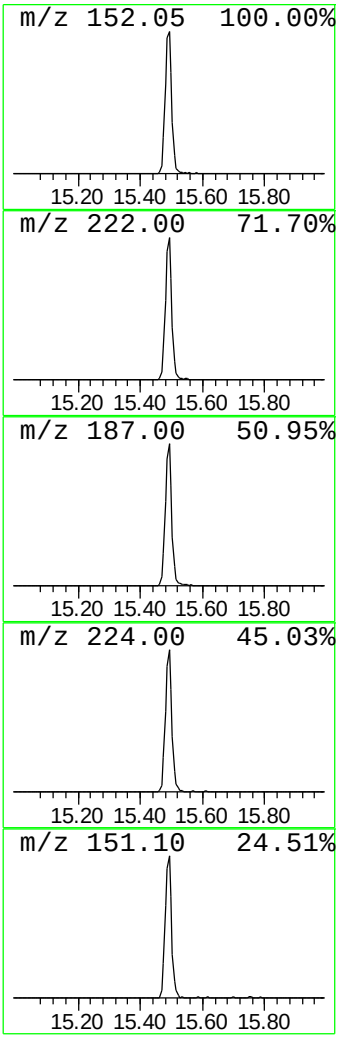
****

Peak Number 2 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	8.20 ng/ul	1129440	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
3	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	97
4	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	95
5	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120418\
Data File : BM017896.D
Acq On : 04 Dec 2018 04:32
Operator : JU/SJ
Sample : J6045-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4T2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

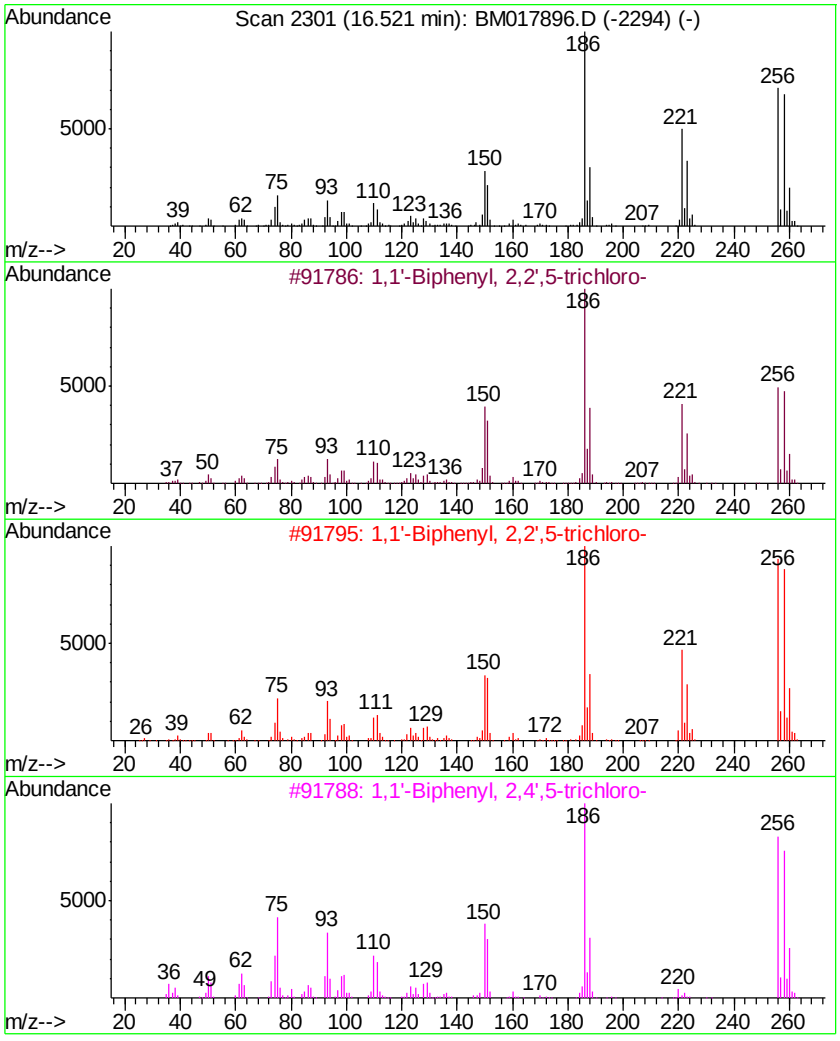
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

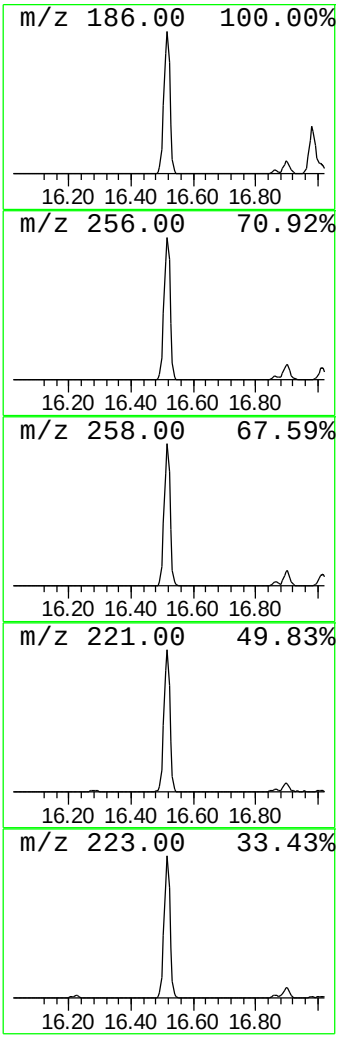
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	11.11 ng/ul	1748960	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	98
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	97
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	95
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120418\
Data File : BM017896.D
Acq On : 04 Dec 2018 04:32
Operator : JU/SJ
Sample : J6045-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4T2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

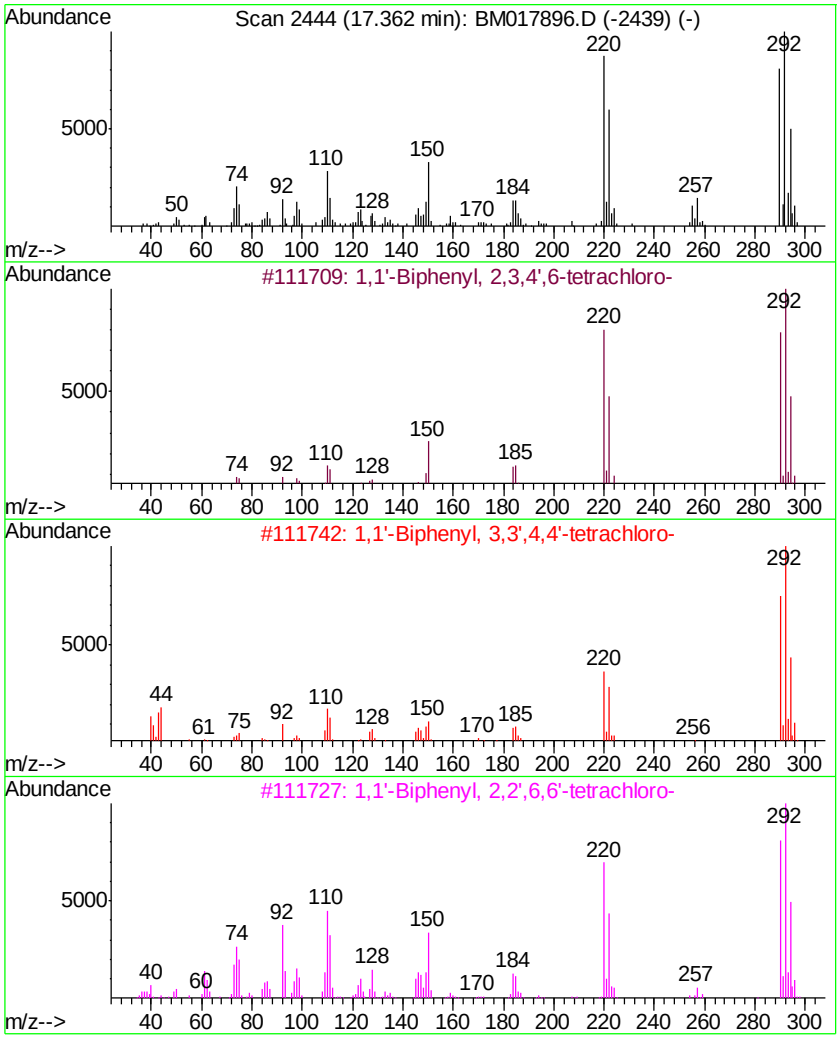
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

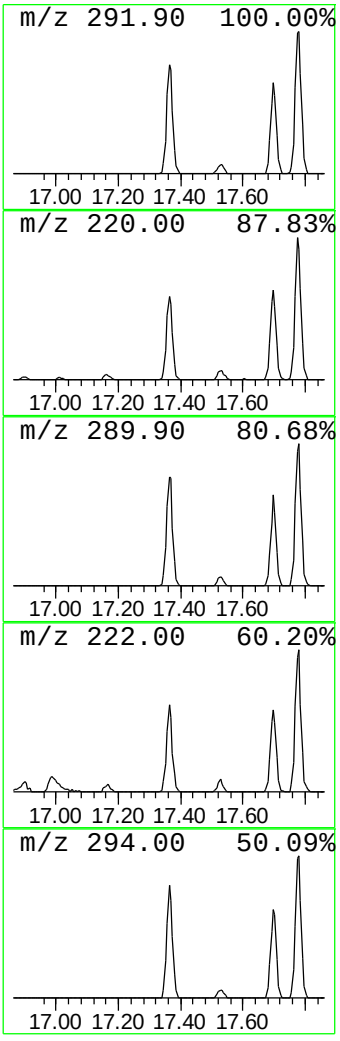
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	2.43 ng/ul	382557	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120418\
Data File : BM017896.D
Acq On : 04 Dec 2018 04:32
Operator : JU/SJ
Sample : J6045-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4T2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

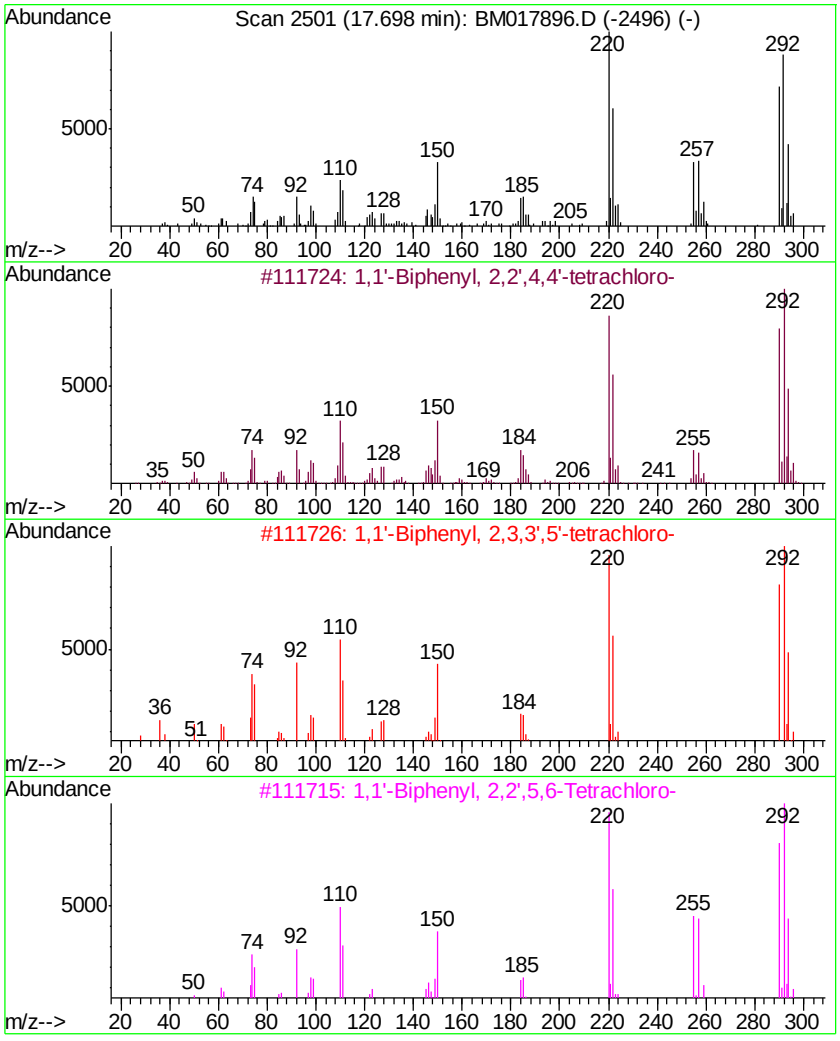
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

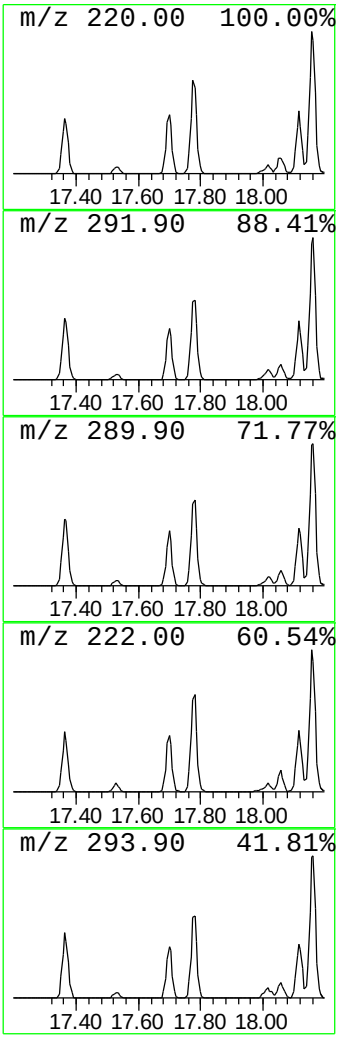
****

Peak Number 5 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	2.30 ng/ul	361732	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99





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Data File : BM017896.D
Acq On : 04 Dec 2018 04:32
Operator : JU/SJ
Sample : J6045-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4T2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

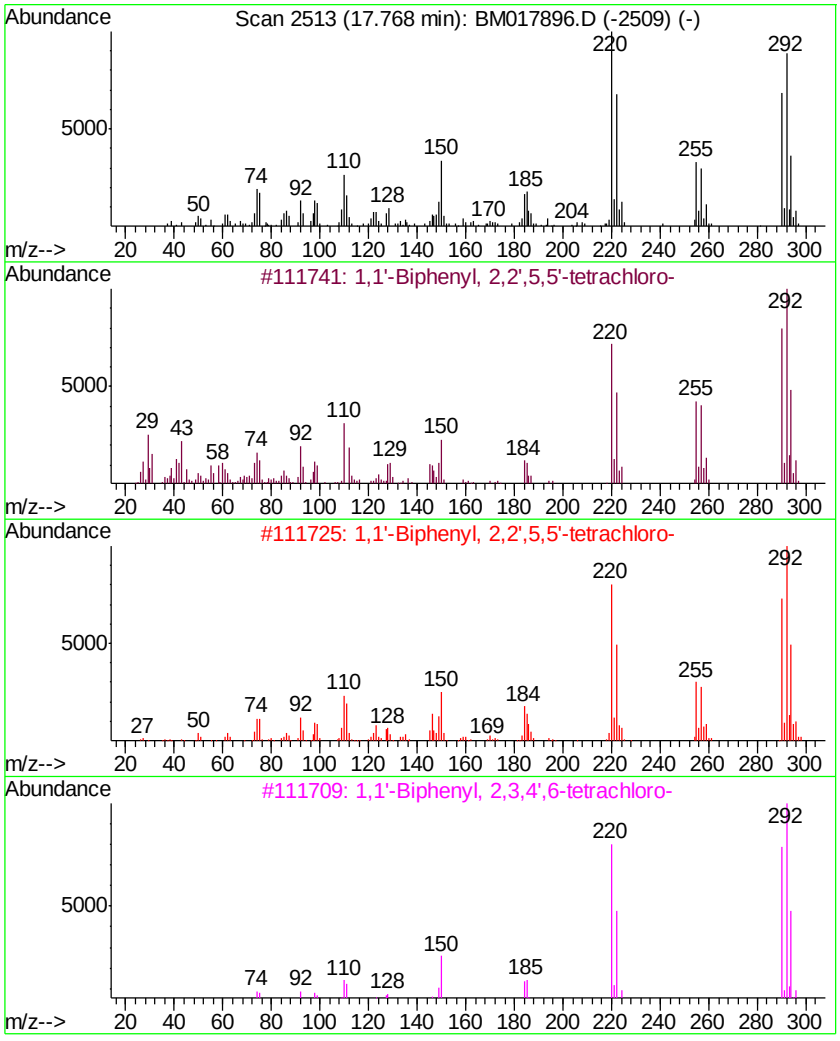
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

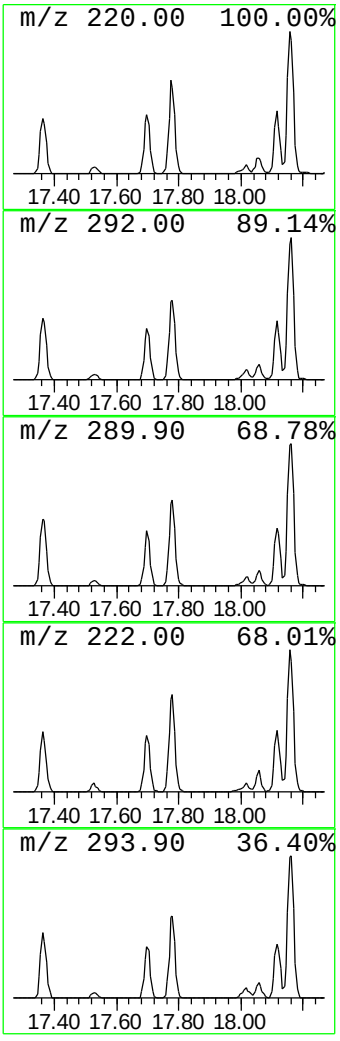
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	3.78 ng/ul	595372	Phenanthrene-d10	16.98

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',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120418\
Data File : BM017896.D
Acq On : 04 Dec 2018 04:32
Operator : JU/SJ
Sample : J6045-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4T2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.10	7.3	ng/ul	481460	1	7.57	1327480	20.0
1,1'-Biphenyl, 2,...	15.49	8.2	ng/ul	1129440	3	14.22	2755200	20.0
1,1'-Biphenyl, 2,...	16.52	11.1	ng/ul	1748960	4	16.98	3149860	20.0
1,1'-Biphenyl, 2,...	17.36	2.4	ng/ul	382557	4	16.98	3149860	20.0
1,1'-Biphenyl, 2,...	17.70	2.3	ng/ul	361732	4	16.98	3149860	20.0
1,1'-Biphenyl, 2,...	17.77	3.8	ng/ul	595372	4	16.98	3149860	20.0