LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103118\
Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0

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-BM102418MA.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	6.828	646	653	669	rBV2	608796	1306007	0.75%	0.083%
2	6.993	675	681	692	rVB	490074	769353	0.44%	0.049%
3	7.181	705	713	725	rBV	665903	1055541	0.60%	0.067%
4	7.645	783	792	800	rBV	1228388	1974854	1.13%	0.126%
5	8.351	906	912	929	rBV	711161	1214705	0.69%	0.077%
6	8.798	981	988	995	rBV	550163	919874	0.53%	0.058%
7	9.510	1102	1109	1120	rBV	433568	747634	0.43%	0.048%
8	10.045	1193	1200	1218	rBV	558302	1158810	0.66%	0.074%
9	10.416	1254	1263	1273	rBV	1629996	2761326	1.58%	0.176%
10	10.569	1282	1289	1305	rBV	564018	1163216	0.67%	0.074%
11	12.633	1635	1640	1645	rBV	562452	746480	0.43%	0.047%
12	12.692	1645	1650	1656	rVB	1062479	1418952	0.81%	0.090%
13	12.933	1685	1691	1695	rBV	1095726	1417007	0.81%	0.090%
14	13.110	1714	1721	1726	rBV	601054	853754	0.49%	0.054%
15	13.704	1815	1822	1827	rBV	1236541	1809882	1.03%	0.115%
16	13.751	1827	1830	1837	rVB	436653	608471	0.35%	0.039%
17	13.974	1862	1868	1874	rBV	1434995	2182185	1.25%	0.139%
18	14.286	1913	1921	1924	rBV2	2531479	4031748	2.31%	0.256%
19	14.321	1924	1927	1933	rVV	2760331	3593420	2.05%	0.228%
20	14.410	1933	1942	1949	rVB	924478	1434067	0.82%	0.091%
21	14.521	1955	1961	1980	rBV	242215	666363	0.38%	0.042%
22	15.127	2060	2064	2072	rVB2	618379	930604	0.53%	0.059%
23	15.239	2076	2083	2087	rBV3	1189862	1824122	1.04%	0.116%
24	15.286	2087	2091	2096	rVV	2035199	2867050	1.64%	0.182%
25	15.339	2096	2100	2105	rVB	1153440	1530799	0.88%	0.097%
26	15.427	2110	2115	2121	rBV	415224	591662	0.34%	0.038%
27	15.498	2121	2127	2131	rBV	1324054	1853692	1.06%	0.118%
28	15.563	2131	2138	2140	rVV	33479211	53083871	30.36%	3.375%
29	15.604	2140	2145	2149	rVB2	57627305	99237856	56.75%	6.310%
30	15.786	2171	2176	2181	rBV	142473	230361	0.13%	0.015%
31	15.904	2188	2196	2201	rVV	47712893	75303602	43.06%	4.788%
32	15.945	2201	2203	2207	rVV	965490	1129143	0.65%	0.072%
33	15.998	2207	2212	2222	rVB	5041604	6886758	3.94%	0.438%
34	16.121	2228	2233	2236	rBV	1602438	2165918	1.24%	0.138%

LSC Area Percent Report

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Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0

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-BM102418MA.M
Title : SVOA CALIBRATION

35	16.163	2236	2240	2245	rVV	11202348	14784800	8.45%	0.940%
36	16.292	2251	2262	2267	rBV	36578144	57841868	33.08%	3.678%
37	16.339	2267	2270	2275	rVB	230031	300587	0.17%	0.019%
38	16.421	2280	2284	2290	rVV	434165	567297	0.32%	0.036%
39	16.580	2302	2311	2316	rVV	12735326	17905112	10.24%	1.138%
40	16.645	2316	2322	2327	rVV2	370370	624396	0.36%	0.040%
41	16.827	2347	2353	2357	rBV2	198666	335025	0.19%	0.021%
42	16.945	2363	2373	2376	rBV	46617792	94982205	54.31%	6.039%
43	16.974	2376	2378	2383	rVV	34722346	38830232	22.20%	2.469%
44	17.045	2383	2390	2393	rVV2	22080318	32977192	18.86%	2.097%
45	17.074	2393	2395	2403	rVV	7424326	11055318	6.32%	0.703%
46	17.157	2403	2409	2414	rVV	2481576	3285909	1.88%	0.209%
47	17.233	2414	2422	2427	rVB2	41704752	67859265	38.80%	4.315%
48	17.333	2434	2439	2446	rBV	423892	758345	0.43%	0.048%
49	17.409	2446	2452	2460	rVB4	1113618	2011530	1.15%	0.128%
50	17.504	2461	2468	2471	rBV	14603678	22063970	12.62%	1.403%
51	17.533	2471	2473	2479	rVB	7187358	7816618	4.47%	0.497%
52	17.586	2479	2482	2485	rBV	205239	253377	0.14%	0.016%
53	17.668	2485	2496	2502	rBV2	64074484	174874526	100.00%	11.119%
54	17.792	2507	2517	2522	rVV2	44636576	77765863	44.47%	4.945%
55	17.845	2522	2526	2531	rVV	4219464	5343097	3.06%	0.340%
56	17.909	2531	2537	2541	rVV	32012854	43536614	24.90%	2.768%
57	17.957	2541	2545	2556	rVB	13734959	17221125	9.85%	1.095%
58	18.062	2557	2563	2567	rBV	4663365	6541572	3.74%	0.416%
59	18.127	2567	2574	2580	rVV	35145007	58319798	33.35%	3.708%
60	18.192	2580	2585	2588	rVV	28502170	43587085	24.92%	2.771%
61	18.233	2588	2592	2597	rVB	28680431	37206158	21.28%	2.366%
62	18.415	2615	2623	2627	rBV	32795169	55034987	31.47%	3.499%
63	18.456	2627	2630	2635	rVV	15401230	20500172	11.72%	1.303%
64	18.515	2635	2640	2643	rVV	20069124	27168078	15.54%	1.727%
65	18.551	2643	2646	2649	rVV	13458411	18547451	10.61%	1.179%
66	18.592	2649	2653	2658	rVV	29707590	38439465	21.98%	2.444%
67	18.651	2658	2663	2664	rVV	516974	634448	0.36%	0.040%
68	18.686	2664	2669	2675	rVV	8669666	11477807	6.56%	0.730%
69	18.756	2676	2681	2688	rVB	1697180	2252431	1.29%	0.143%
70	18.833	2688	2694	2699	rVB	1508766	2129062	1.22%	0.135%
71	18.892	2699	2704	2708	rBV	12005526	16209526	9.27%	1.031%

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Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0

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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Title : SVOA CALIBRATION

72	18.951	2708	2714	2717	rVV	19212876	30561403	17.48%	1.943%
73	18.986	2717	2720	2725	rVV2	16638673	22909264	13.10%	1.457%
74	19.056	2727	2732	2736	rVV	2046444	2465462	1.41%	0.157%
75	19.092	2736	2738	2743	rVB	313504	374071	0.21%	0.024%
76	19.192	2748	2755	2761	rVV	3496895	7343502	4.20%	0.467%
77	19.251	2761	2765	2772	rVV	3188662	4691482	2.68%	0.298%
78	19.315	2772	2776	2784	rVB2	770198	1039648	0.59%	0.066%
79	19.445	2792	2798	2805	rVB	2936977	4069533	2.33%	0.259%
80	19.515	2805	2810	2816	rBV2	418243	657440	0.38%	0.042%
81	19.592	2819	2823	2827	rVV	478386	619143	0.35%	0.039%
82	19.639	2827	2831	2836	rVV3	300527	464089	0.27%	0.030%
83	19.698	2837	2841	2846	rVV	775136	975142	0.56%	0.062%
84	19.751	2846	2850	2856	rVV	293891	425687	0.24%	0.027%
85	19.803	2856	2859	2862	rVV	184391	221535	0.13%	0.014%
86	19.845	2863	2866	2871	rVB3	208960	263152	0.15%	0.017%
87	20.015	2890	2895	2899	rBV	585633	763024	0.44%	0.049%
88	20.321	2944	2947	2952	rVB	431896	520840	0.30%	0.033%
89	20.527	2979	2982	2985	rBV4	234943	278382	0.16%	0.018%
90	20.950	3050	3054	3067	rVB	8366525	12270184	7.02%	0.780%
91	21.192	3085	3095	3096	rBV4	69413088	163038831	93.23%	10.367%
92	21.380	3124	3127	3129	rBV	300272	349248	0.20%	0.022%
93	23.309	3450	3455	3470	rVB2	1733036	3981019	2.28%	0.253%
94	23.450	3473	3479	3485	rVB	2123793	3940570	2.25%	0.251%

Sum of corrected areas: 1572734049

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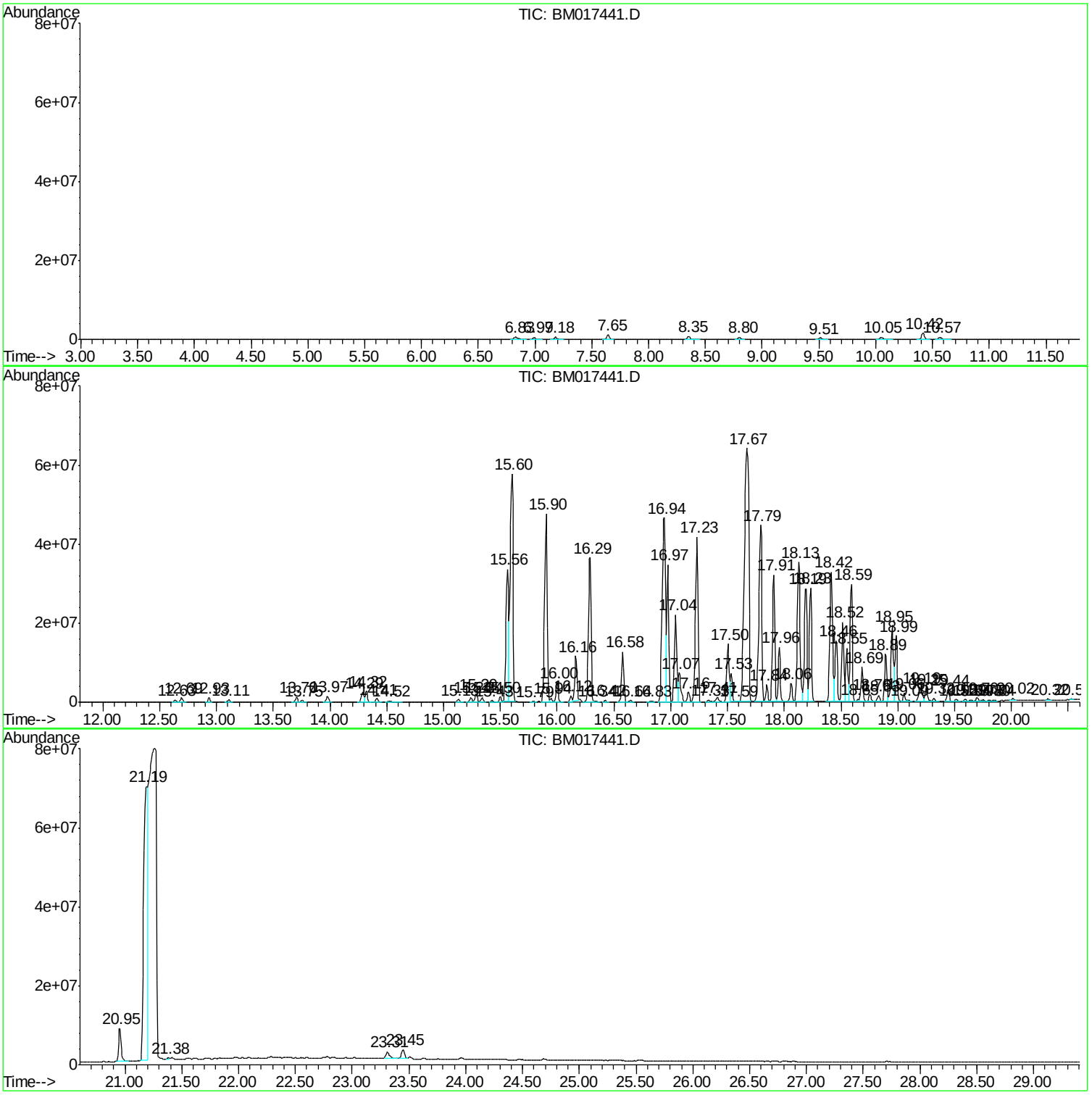
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40G0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.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\BM103118\
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

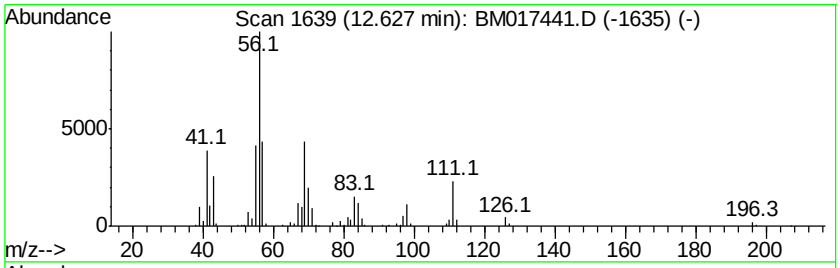
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

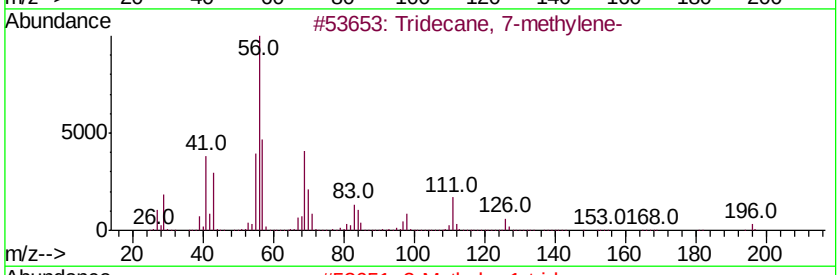
****

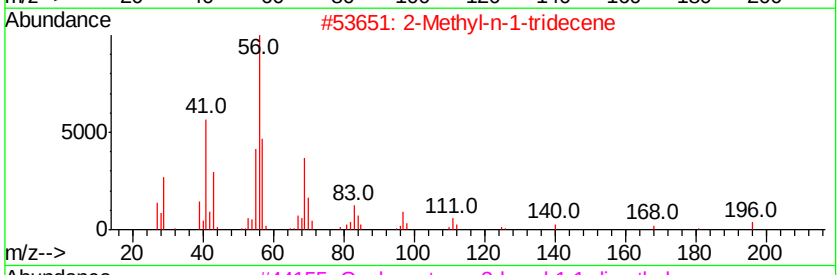
Peak Number 1 (DEL) Alkane: Cyclic12.63 Concentration Rank 37

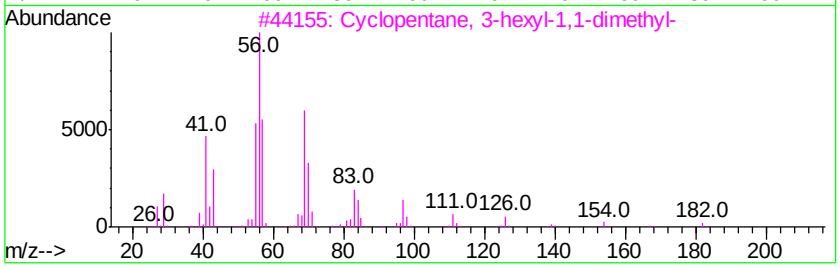
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	3.70 ng/ul	746480	Acenaphthene-d10	14.29

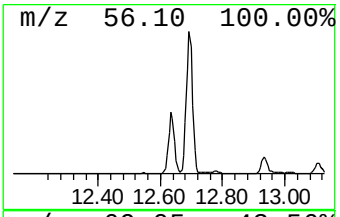
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methylene-	196	C14H28	019780-80-4	87
2	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	64
3	Cyclopentane, 3-hexyl-1,1-dimethyl-	182	C13H26	061142-65-2	64
4	Tridecane, 7-methylene-	196	C14H28	019780-80-4	60
5	Boranamine, N-(1,1-dimethylethyl...	141	C8H20BN	050612-53-8	59

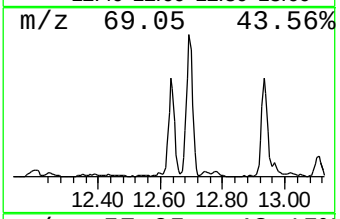


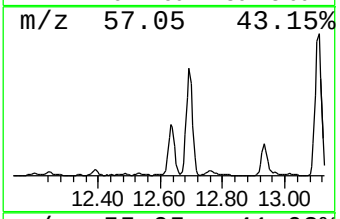


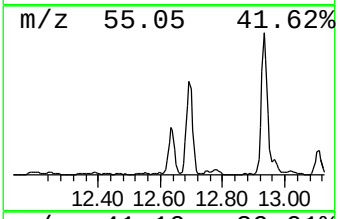


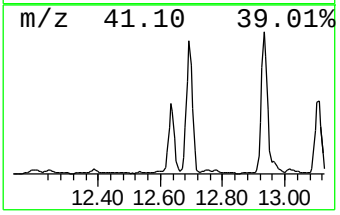












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Instrument : BNA_M
ClientSampleId : A40G0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

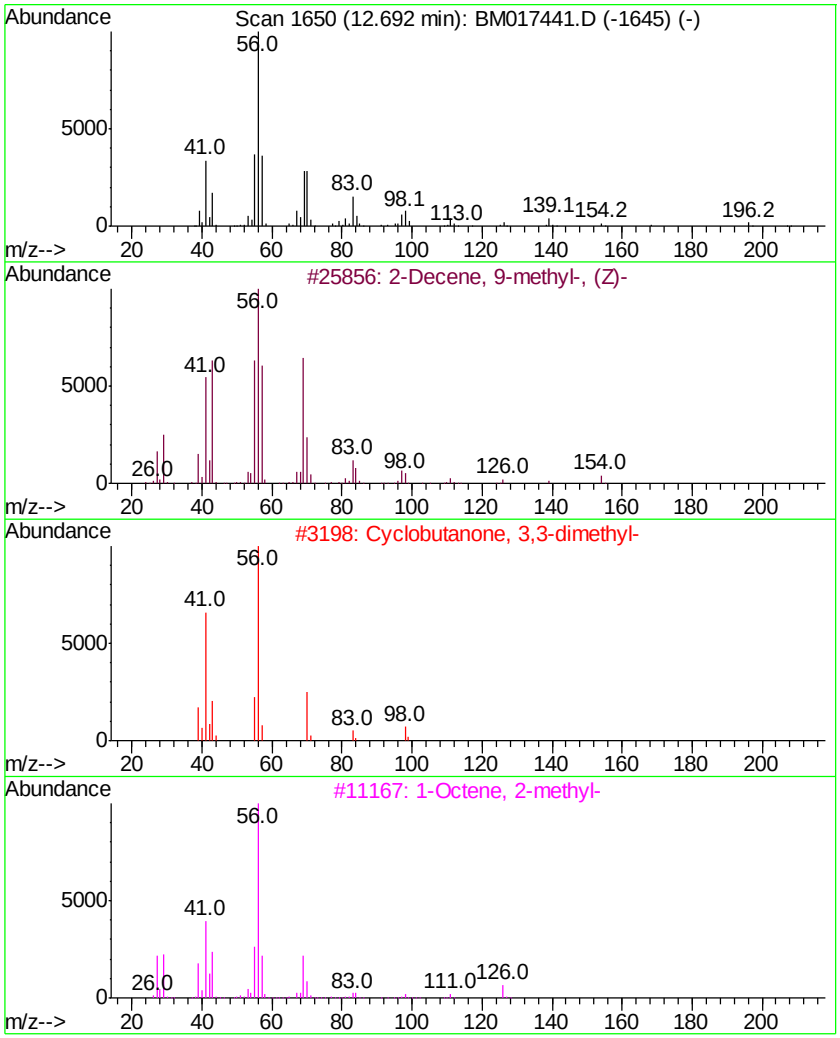
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

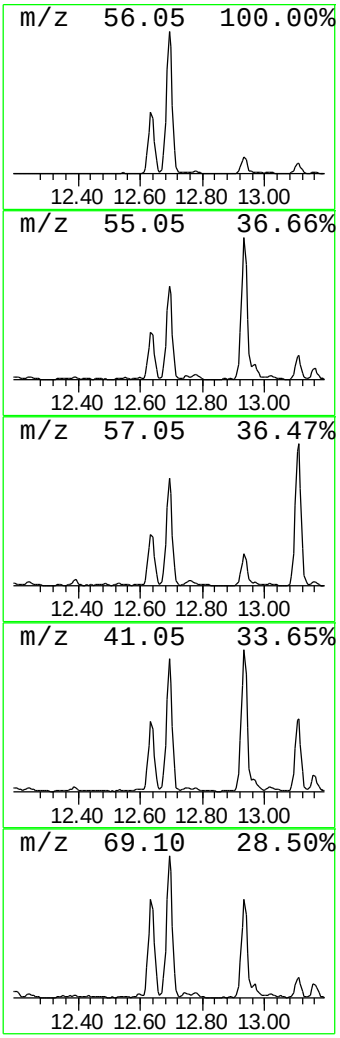
****

Peak Number 2 (DEL) Alkane: Cyclic12.69 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	7.04 ng/ul	1418950	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, 9-methyl-, (Z)-	154	C11H22	074630-24-3	64
2	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	64
3	1-Octene, 2-methyl-	126	C9H18	004588-18-5	59
4	1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	59
5	1-Decene, 2-methyl-	154	C11H22	013151-27-4	59





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : A40G0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

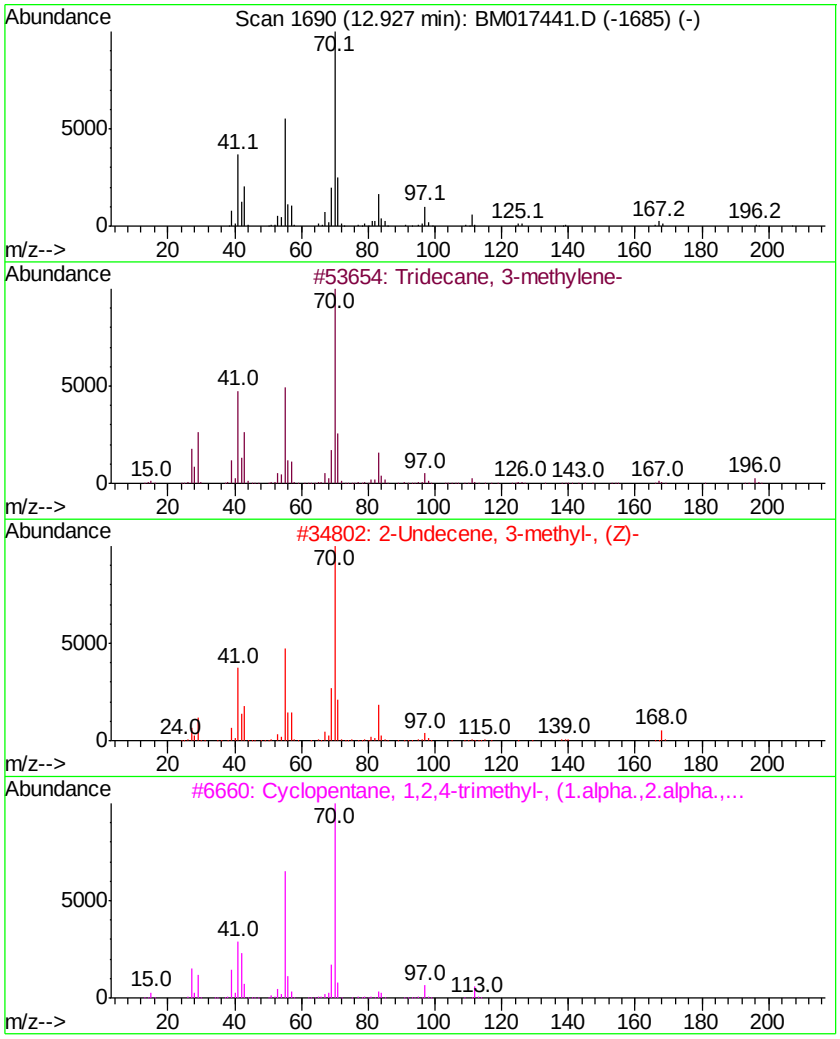
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

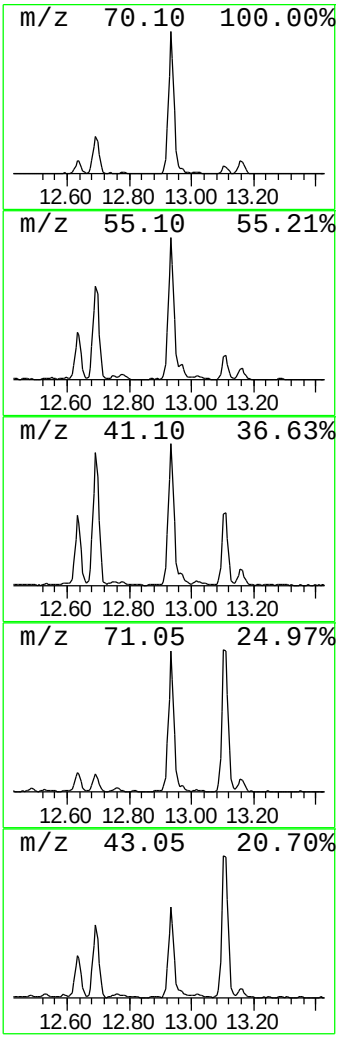
****

Peak Number 3 (DEL) Alkane: Cyclic12.93 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	7.03 ng/ul	1417010	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methylene-	196	C14H28	019780-34-8	86
2	2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	64
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	59
4	Undecane, 3-methylene-	168	C12H24	071138-64-2	56
5	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	50





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Operator : MJ/SJ
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Misc :
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Instrument : BNA_M
ClientSampleId : A40G0

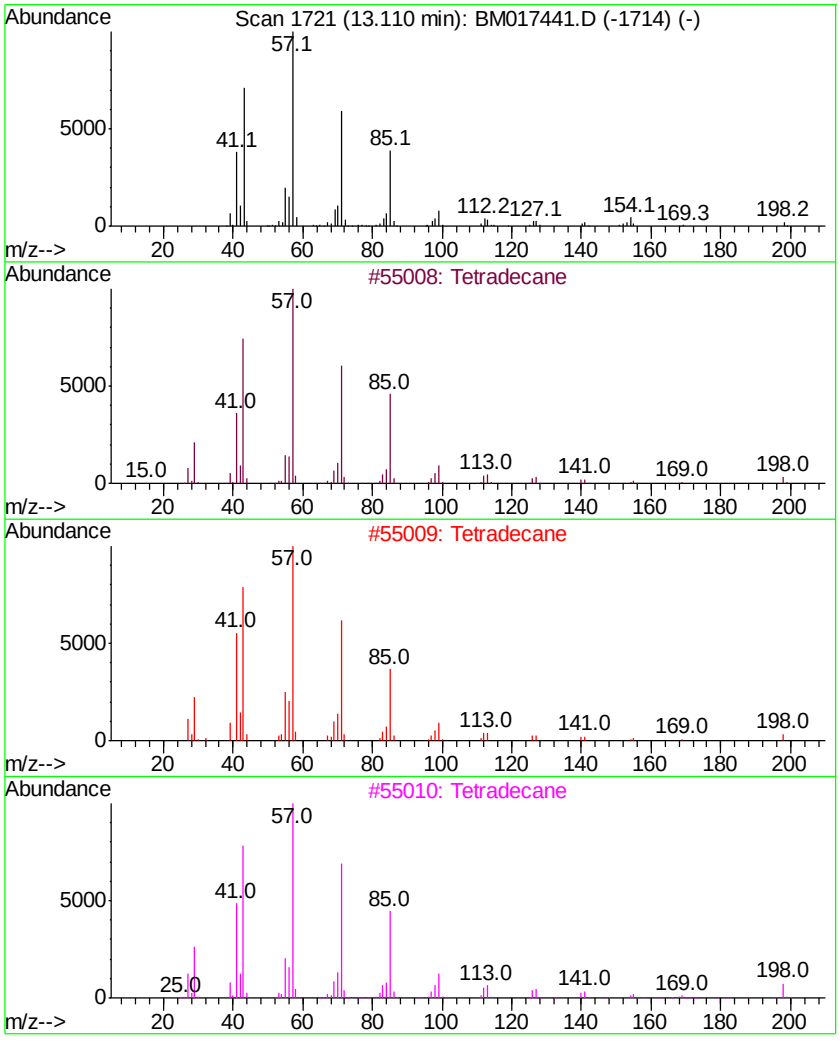
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

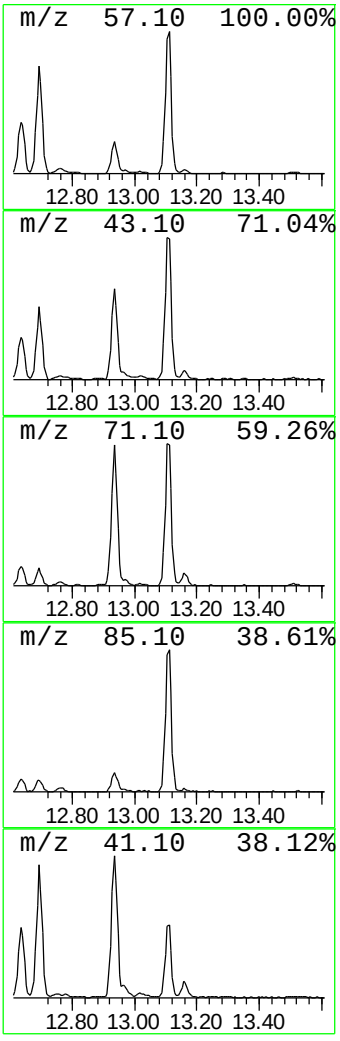
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	4.24 ng/ul	853754	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Tetradecane	198	C14H30	000629-59-4	96
3	Tetradecane	198	C14H30	000629-59-4	95
4	Tetradecane	198	C14H30	000629-59-4	94
5	Hexadecane	226	C16H34	000544-76-3	87





Library Search Compound Report

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Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0

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Quant Title : SVOA CALIBRATION

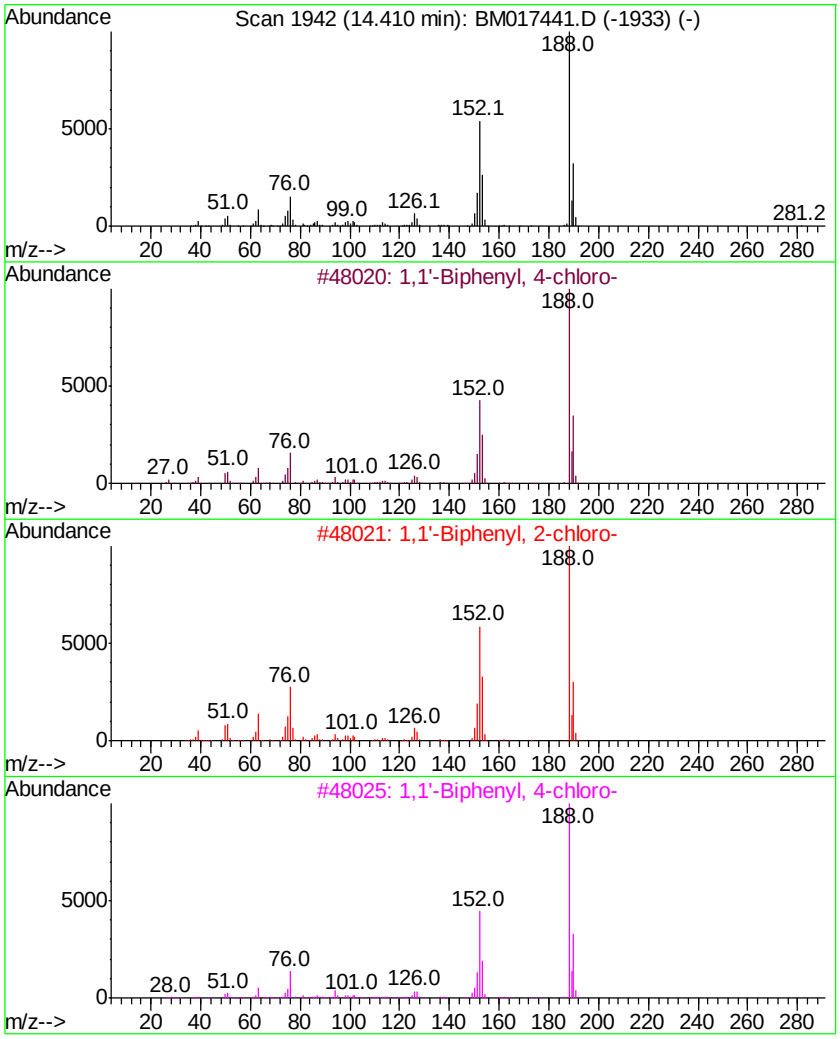
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

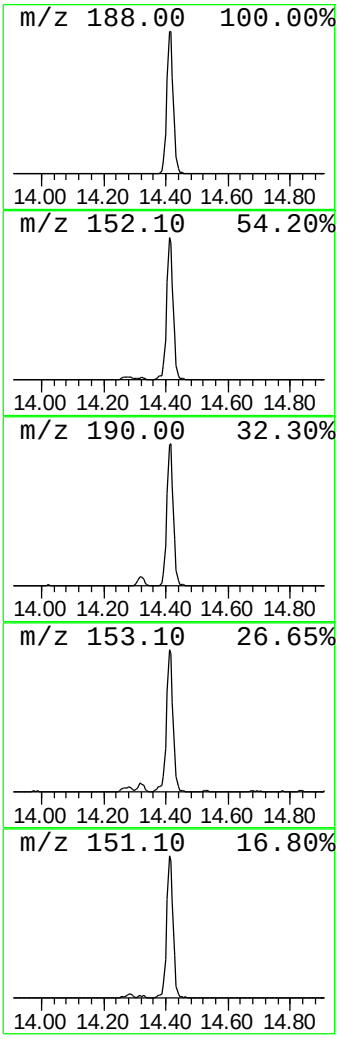
****

Peak Number 5 1,1'-Biphenyl, 4-chloro- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	7.11 ng/ul	1434070	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	97
2	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	96
3	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95
4	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	94
5	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	94





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ClientSampleId : A40G0

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Quant Title : SVOA CALIBRATION

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

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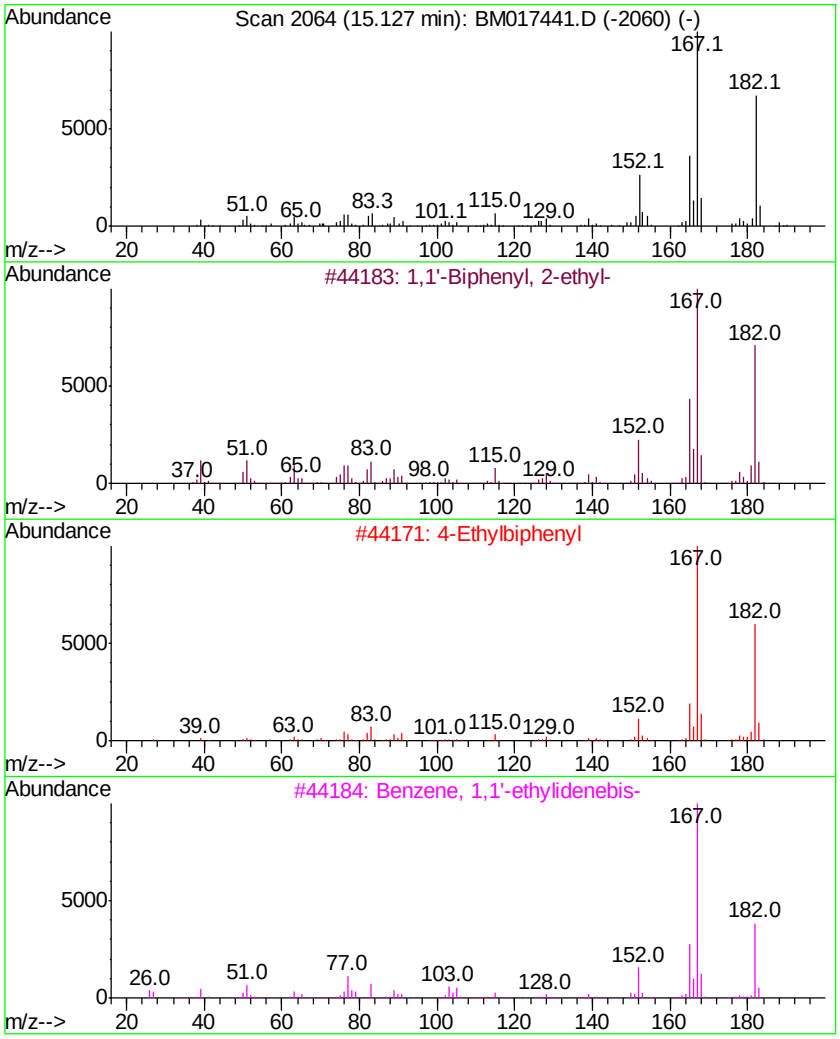
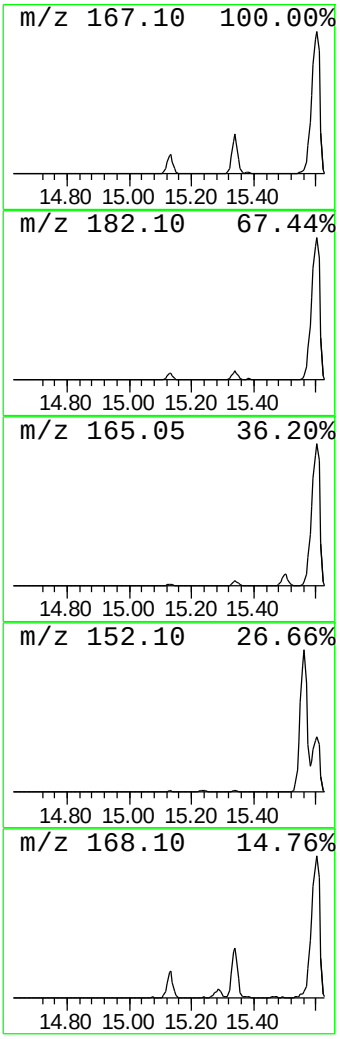
Peak Number 6 1,1'-Biphenyl, 2-ethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	4.62 ng/ul	930604	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	91
2	4-Ethylbiphenyl	182	C14H14	005707-44-8	90
3	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	90
4	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	80
5	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	72





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ClientSampleId : A40G0

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Quant Title : SVOA CALIBRATION

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

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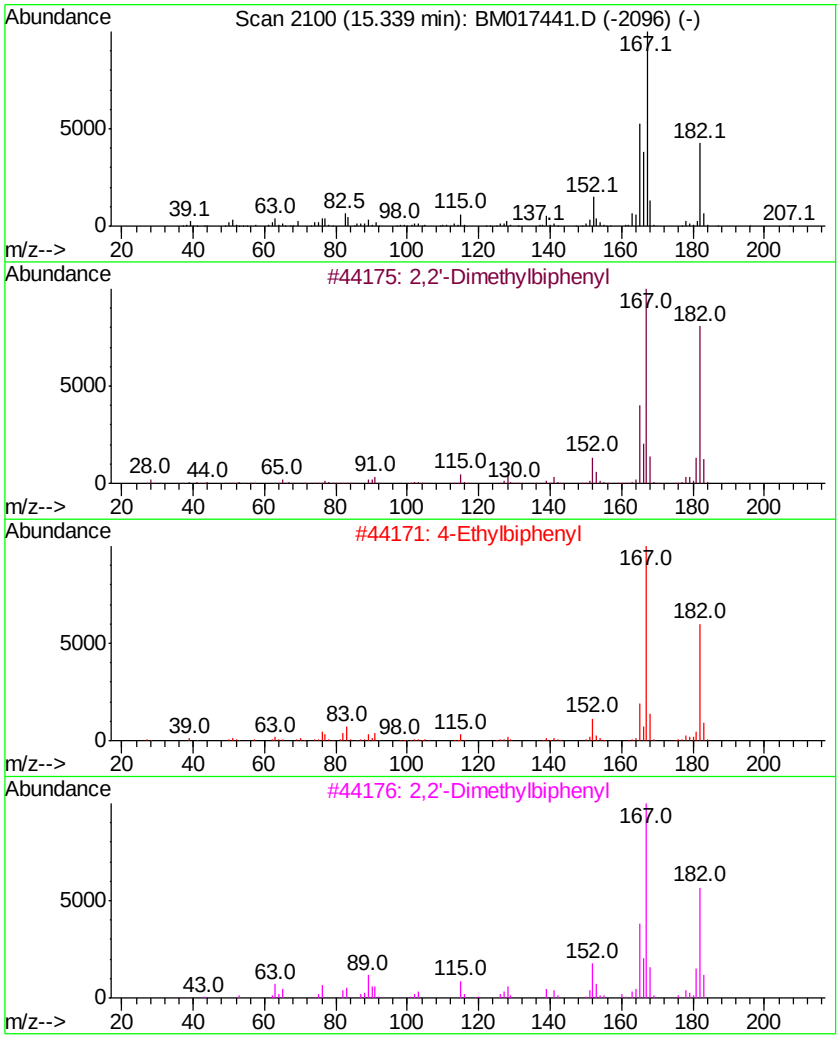
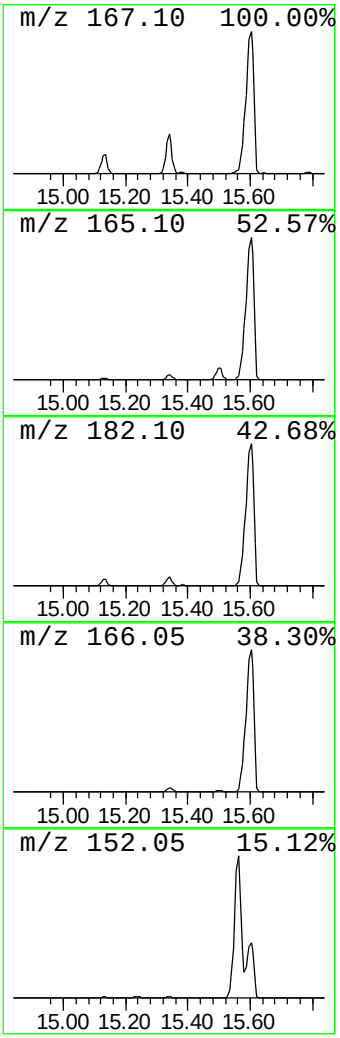
Peak Number 7 2,2'-Dimethylbiphenyl Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	7.59 ng/ul	1530800	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	87
2	4-Ethylbiphenyl	182	C14H14	005707-44-8	70
3	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	68
4	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	64
5	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	62





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Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0

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Quant Title : SVOA CALIBRATION

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

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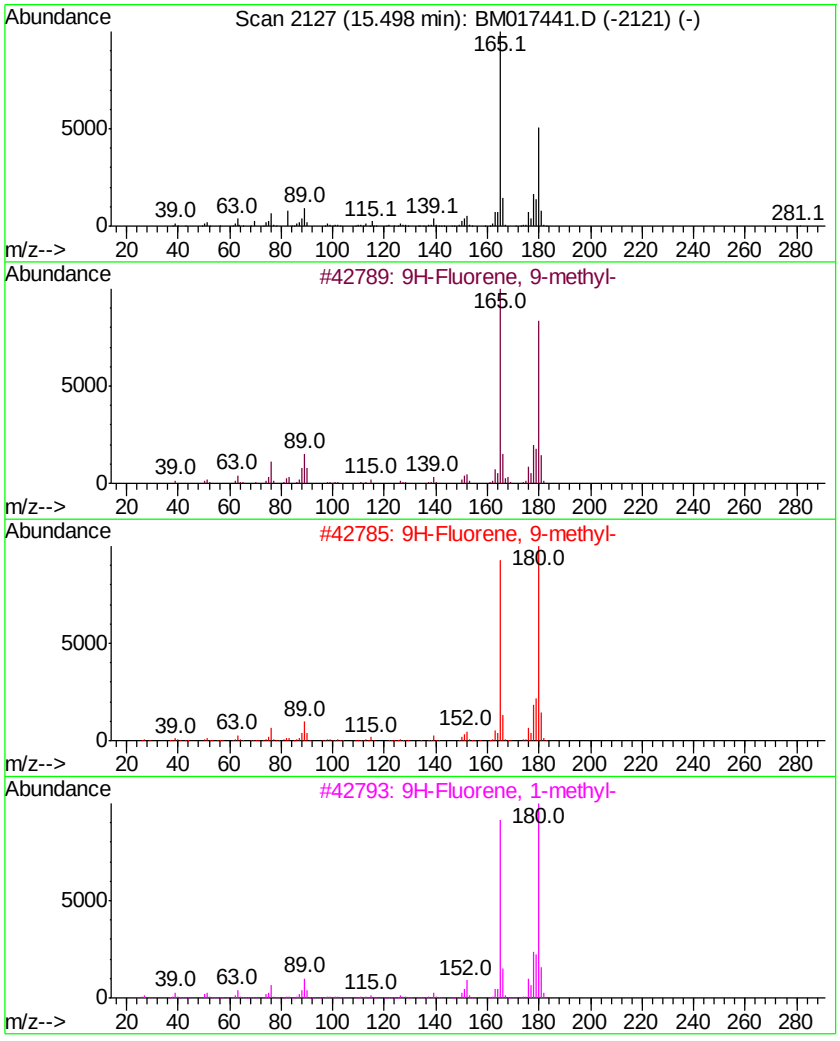
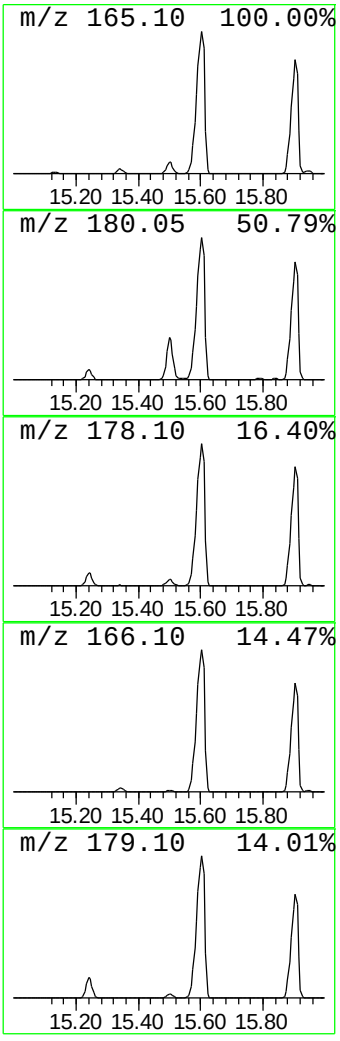
Peak Number 8 9H-Fluorene, 9-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	9.20 ng/ul	1853690	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86





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Misc :
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Quant Title : SVOA CALIBRATION

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

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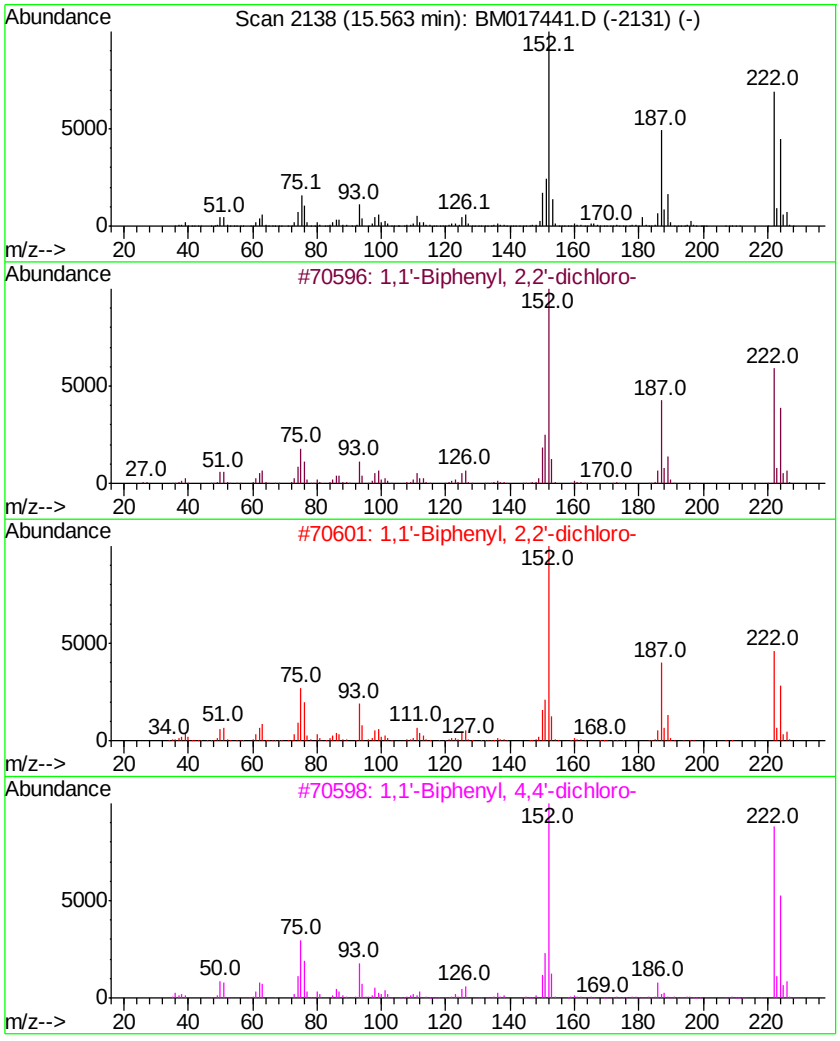
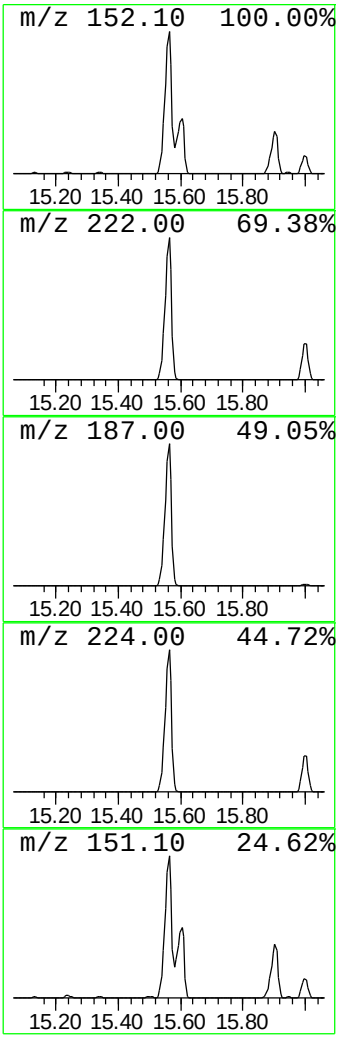
Peak Number 9 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	263.33 ng/ul	53083900	Acenaphthene-d10	14.29

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	98
4	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	96
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	95





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Quant Title : SVOA CALIBRATION

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

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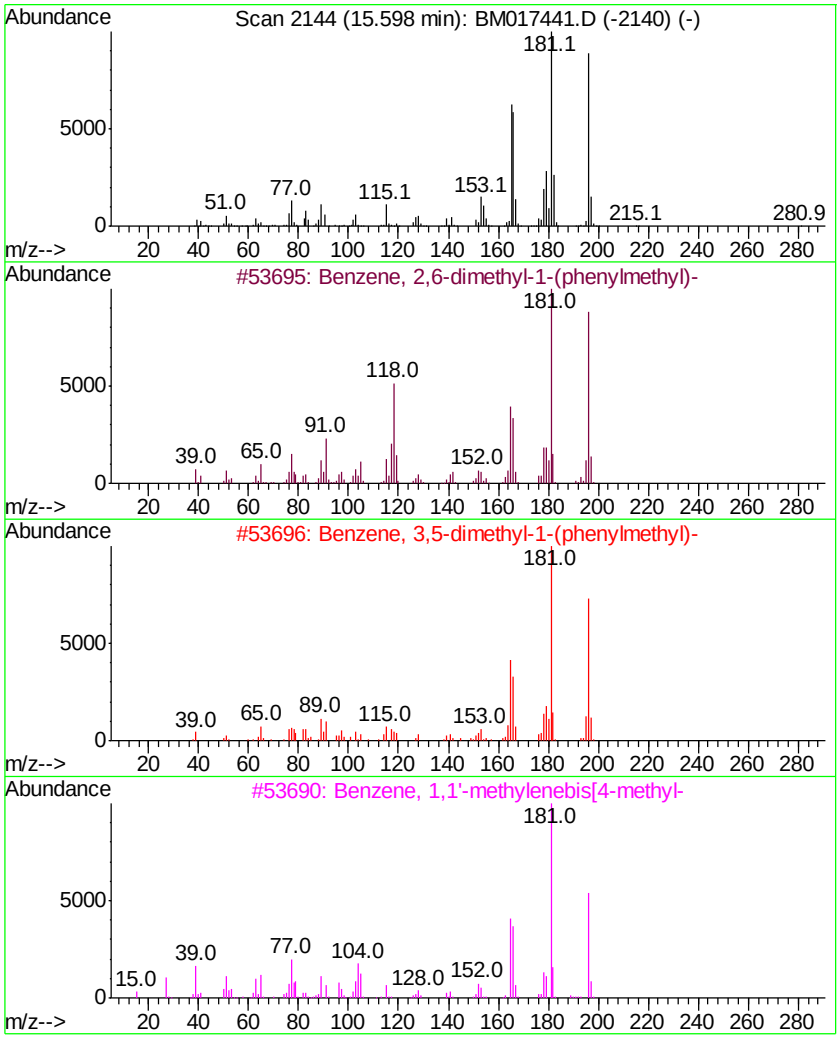
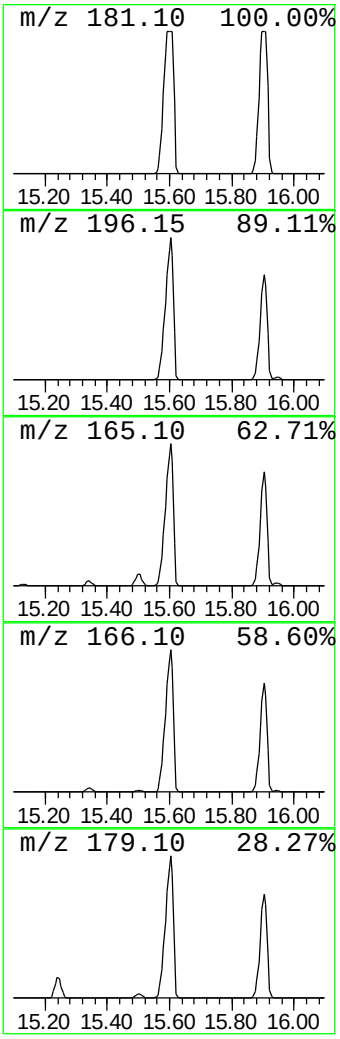
Peak Number 10 Benzene, 2,6-dimethyl-1-(ph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	492.28 ng/ul	99237900	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,6-dimethyl-1-(phenylm...	196	C15H16	028122-29-4	74
2	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	70
3	Benzene, 1,1'-methylenebis[4-met...	196	C15H16	004957-14-6	70
4	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	68
5	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	62





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Instrument : BNA_M
ClientSampleId : A40G0

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Quant Title : SVOA CALIBRATION

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

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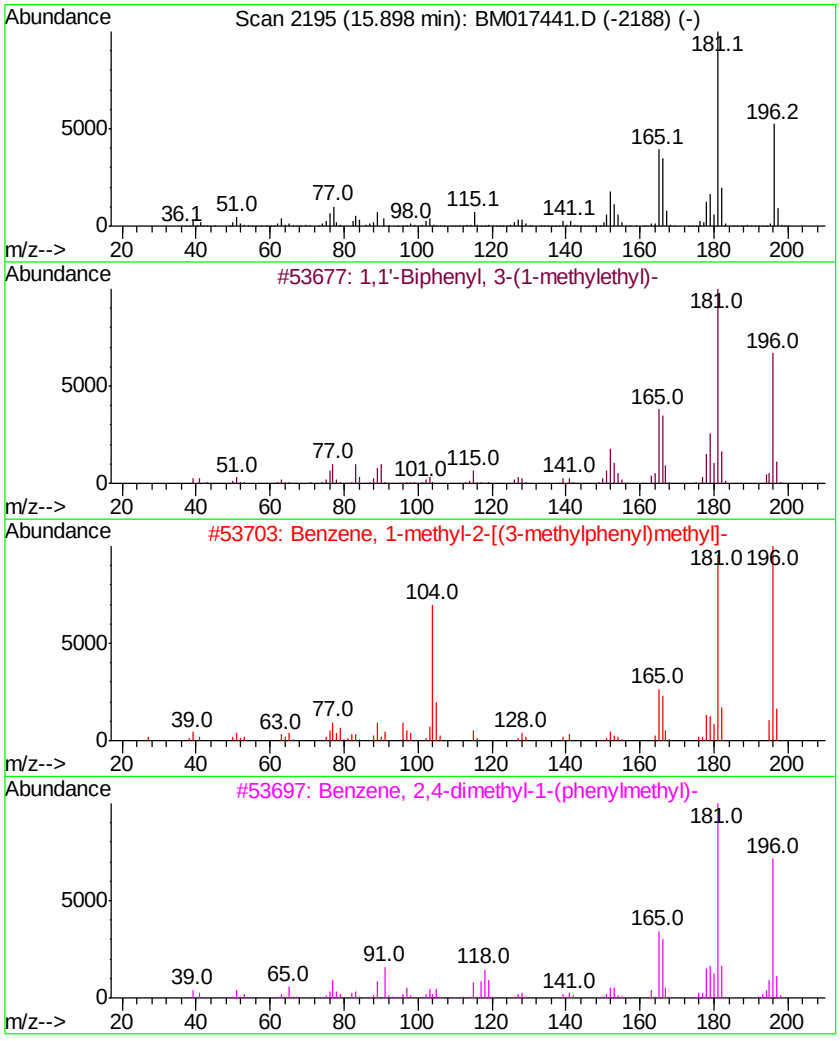
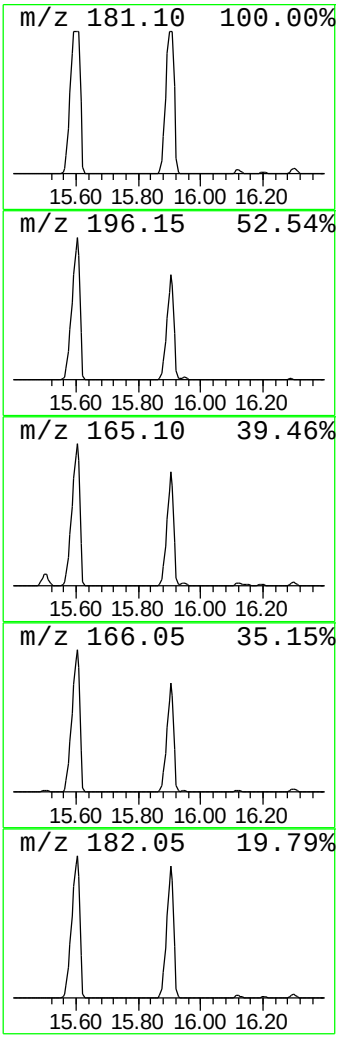
Peak Number 11 1,1'-Biphenyl, 3-(1-methyle... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	45.67 ng/ul	75303600	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	93
2	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	91
3	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	91
4	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	90
5	Benzene, 1,1'-methylenebis[4-met...	196	C15H16	004957-14-6	90





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Quant Title : SVOA CALIBRATION

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

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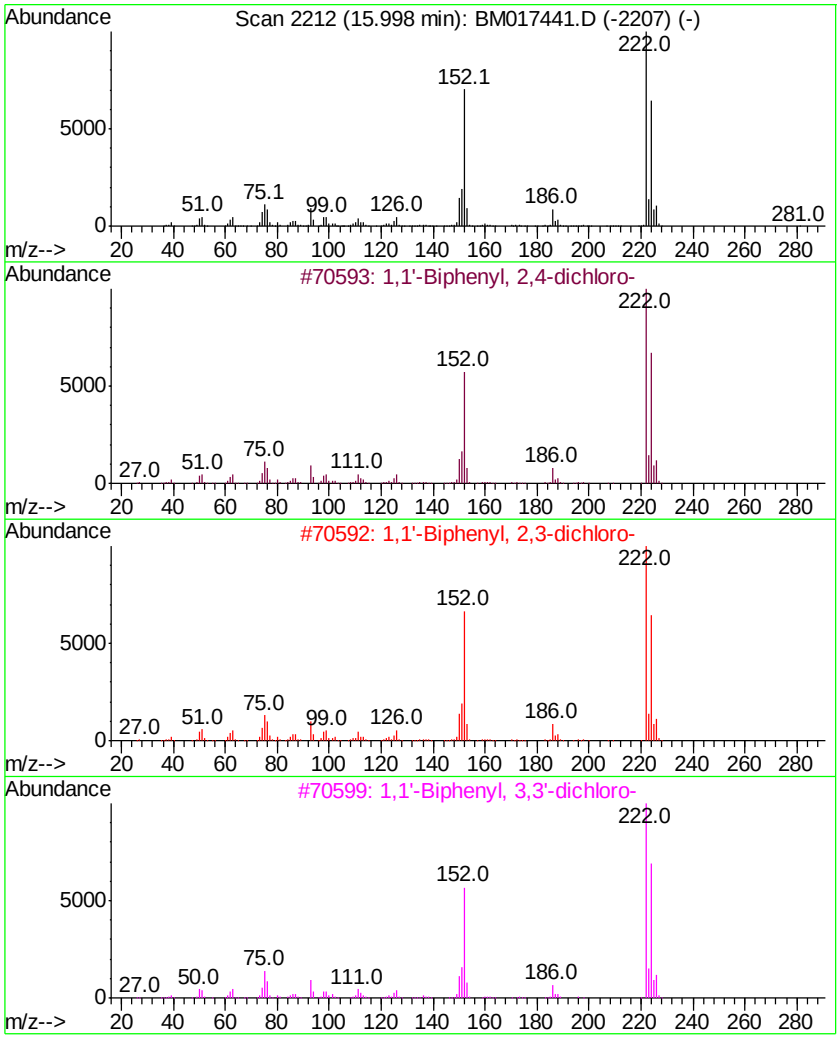
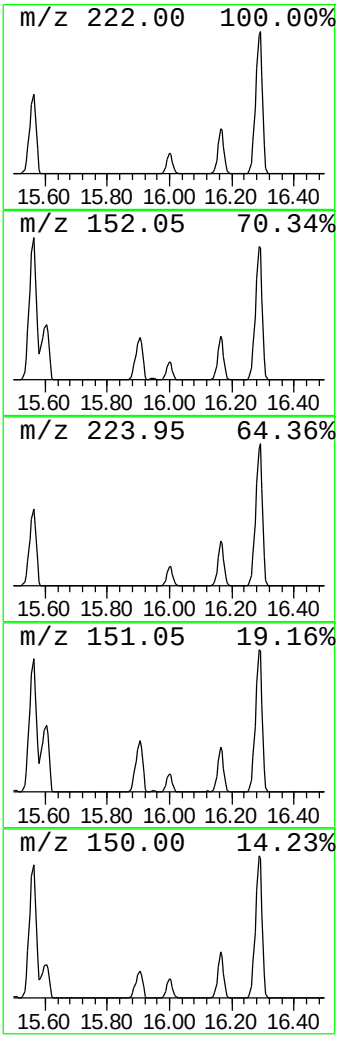
Peak Number 12 1,1'-Biphenyl, 2,4-dichloro- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	4.18 ng/ul	6886760	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
2	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	99
4	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98





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Quant Title : SVOA CALIBRATION

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

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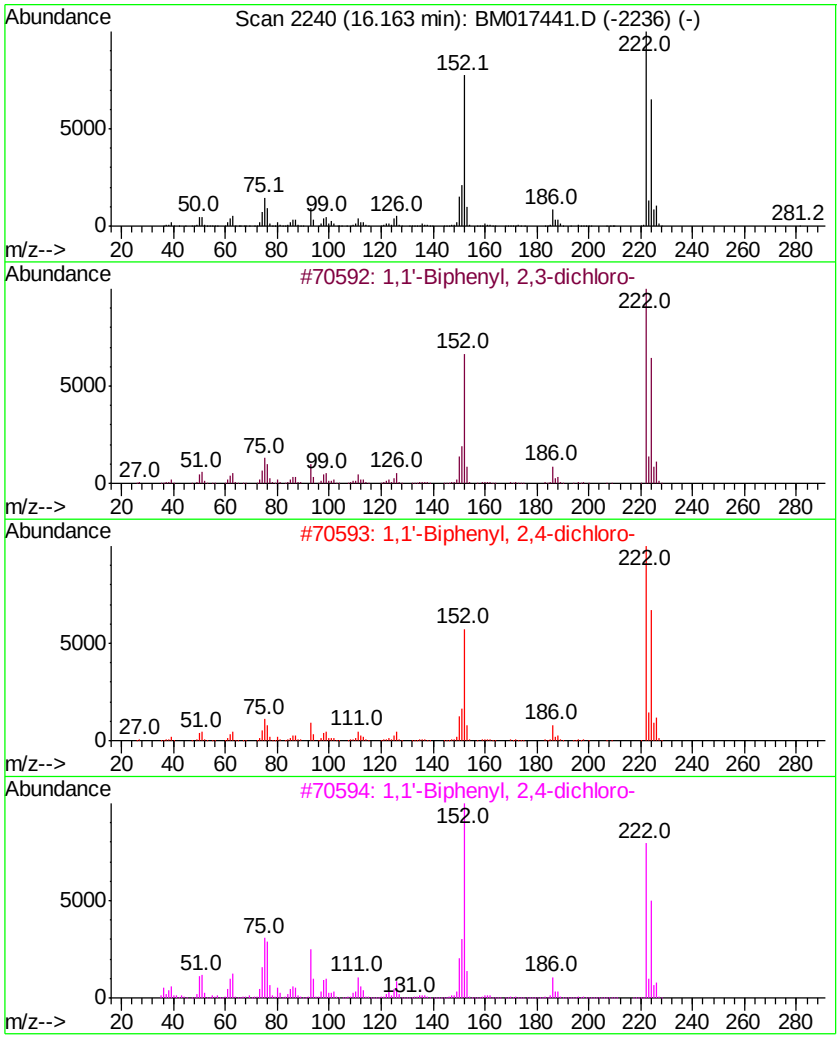
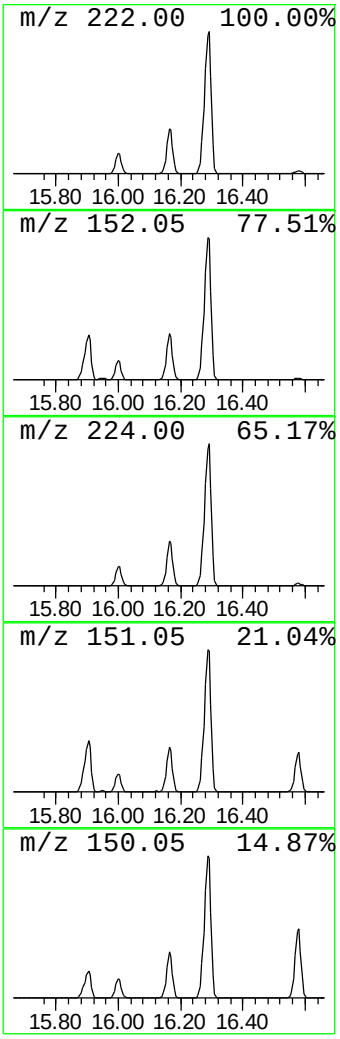
Peak Number 13 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	8.97 ng/ul	14784800	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
2	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
3	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
4	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	98





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ClientSampleId : A40G0

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Quant Title : SVOA CALIBRATION

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

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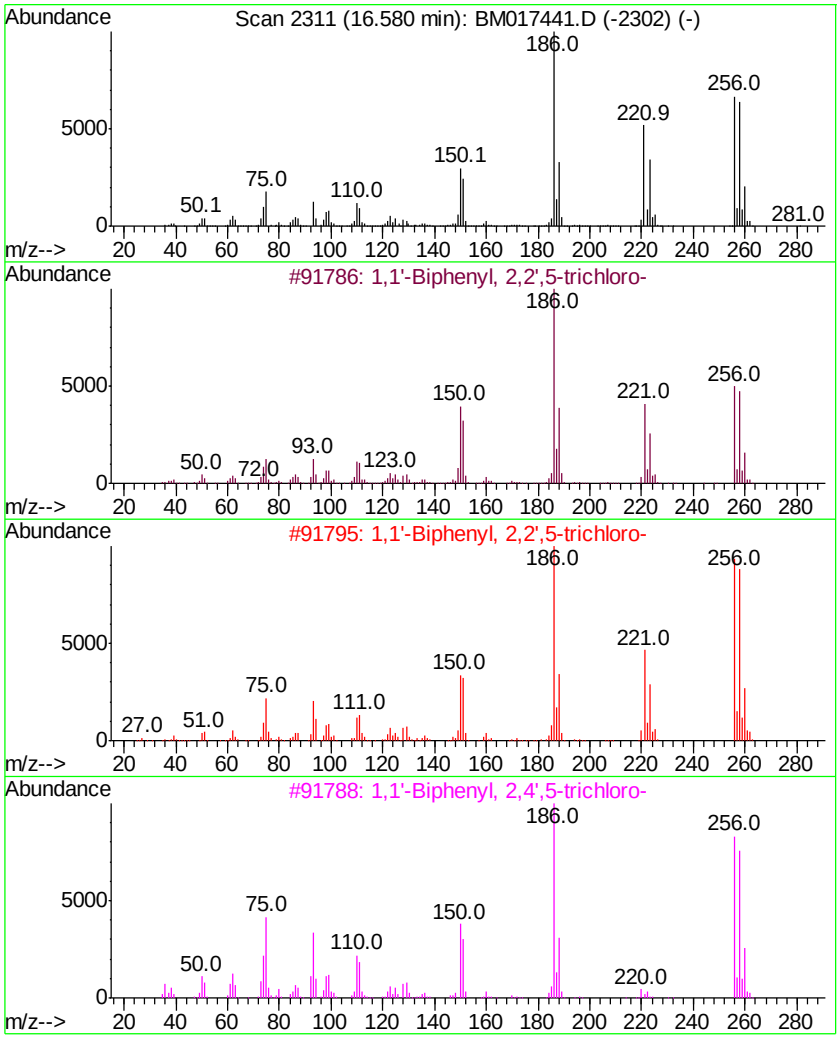
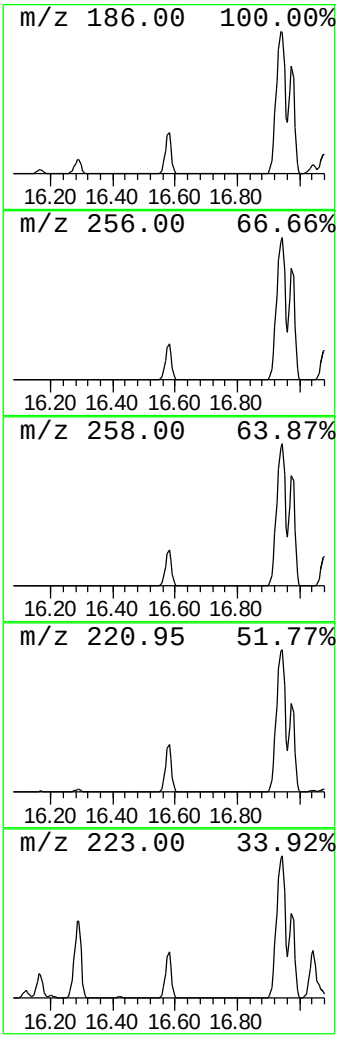
Peak Number 15 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	10.86 ng/ul	17905100	Phenanthrene-d10	17.05

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	98
4	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	96
5	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	95





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Quant Title : SVOA CALIBRATION

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

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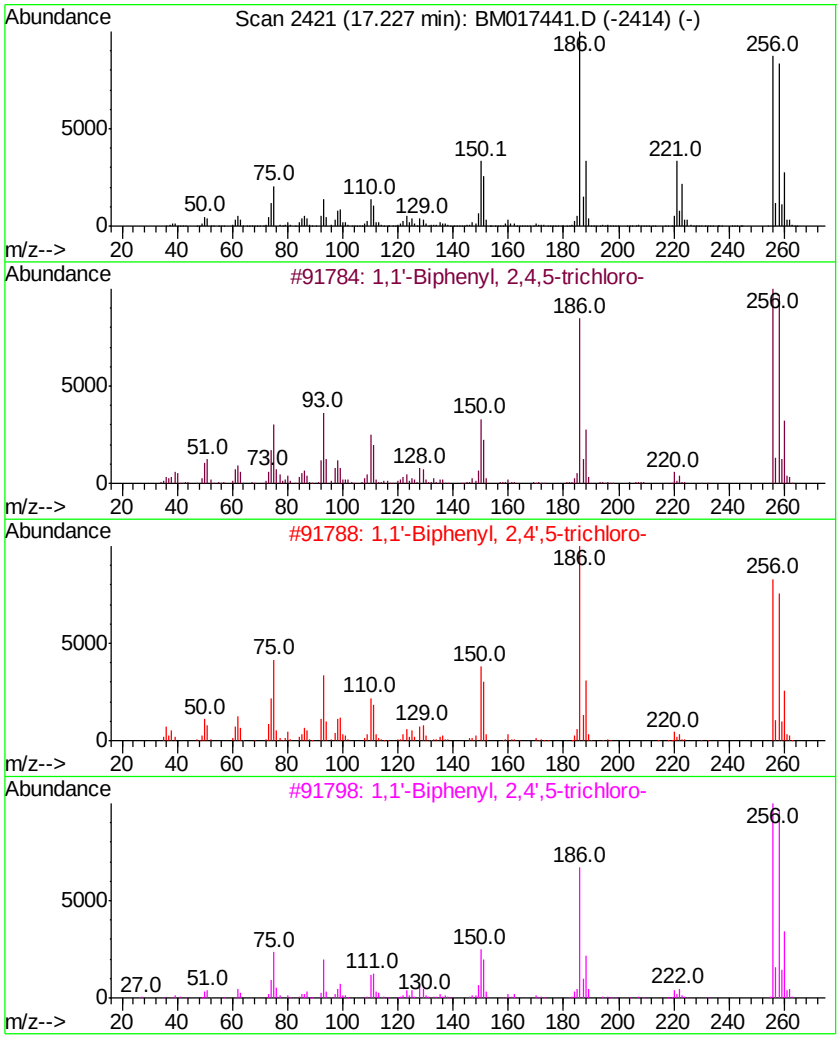
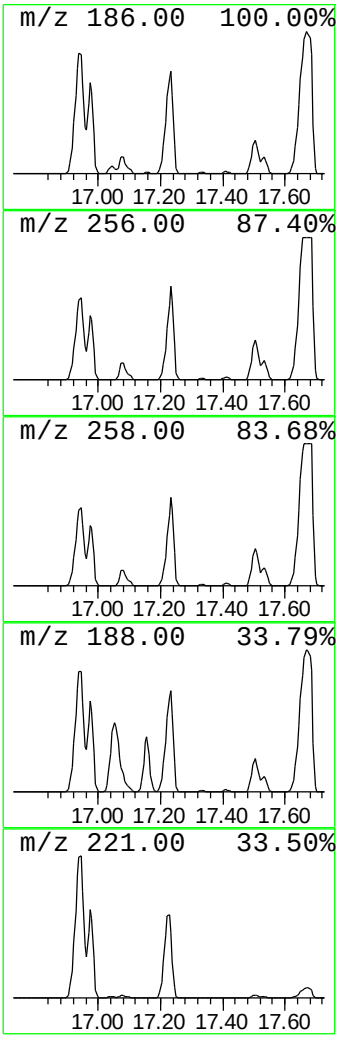
Peak Number 18 1,1'-Biphenyl, 2,4,5-trichl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	41.16 ng/ul	67859300	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99
2	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
5	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	98





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Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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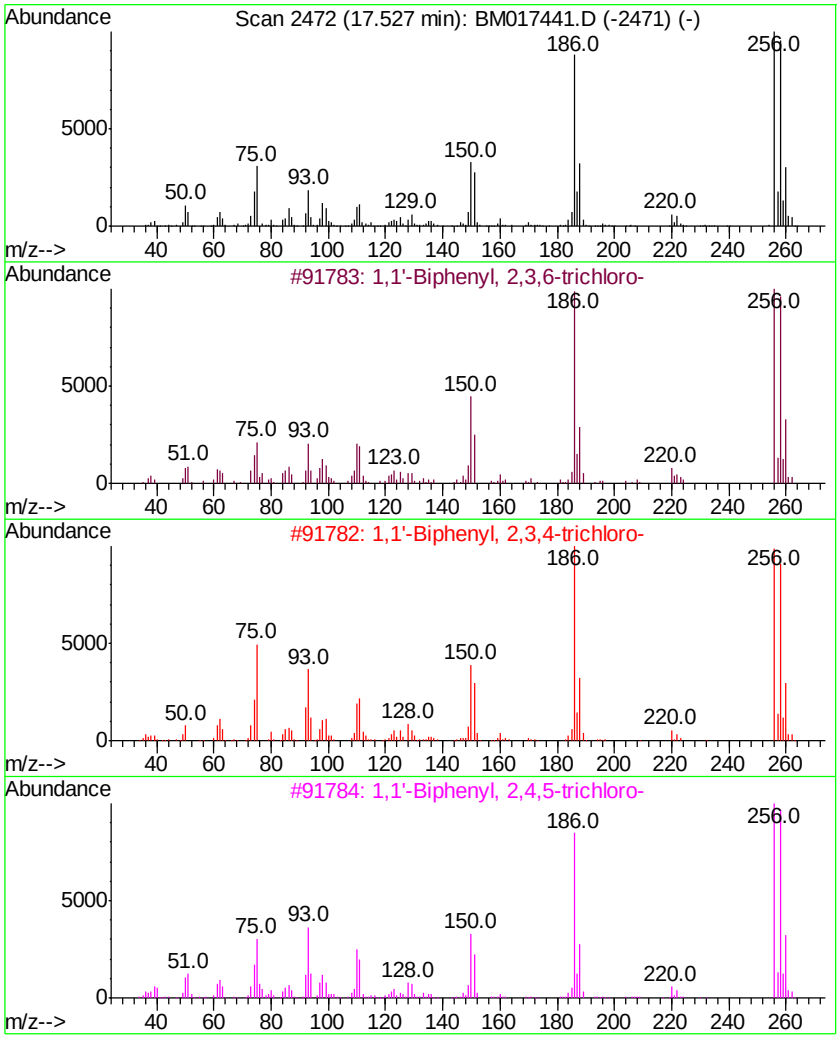
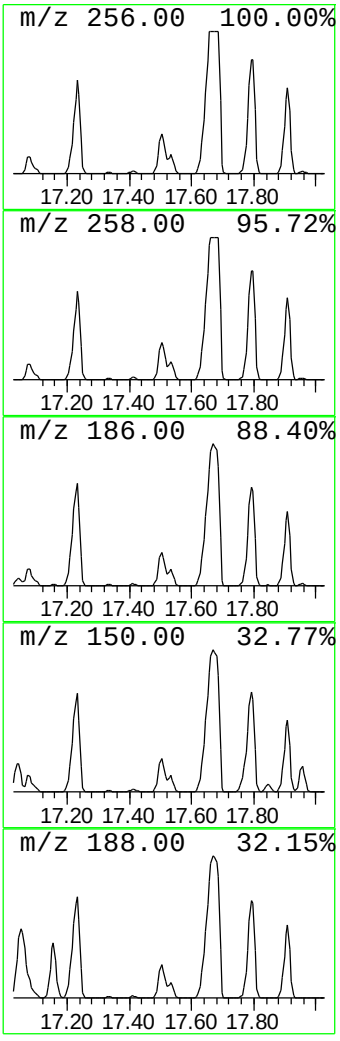
Peak Number 20 1,1'-Biphenyl, 2,3,6-trichl... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	4.74 ng/ul	7816620	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99
2	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
3	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98
5	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103118\
Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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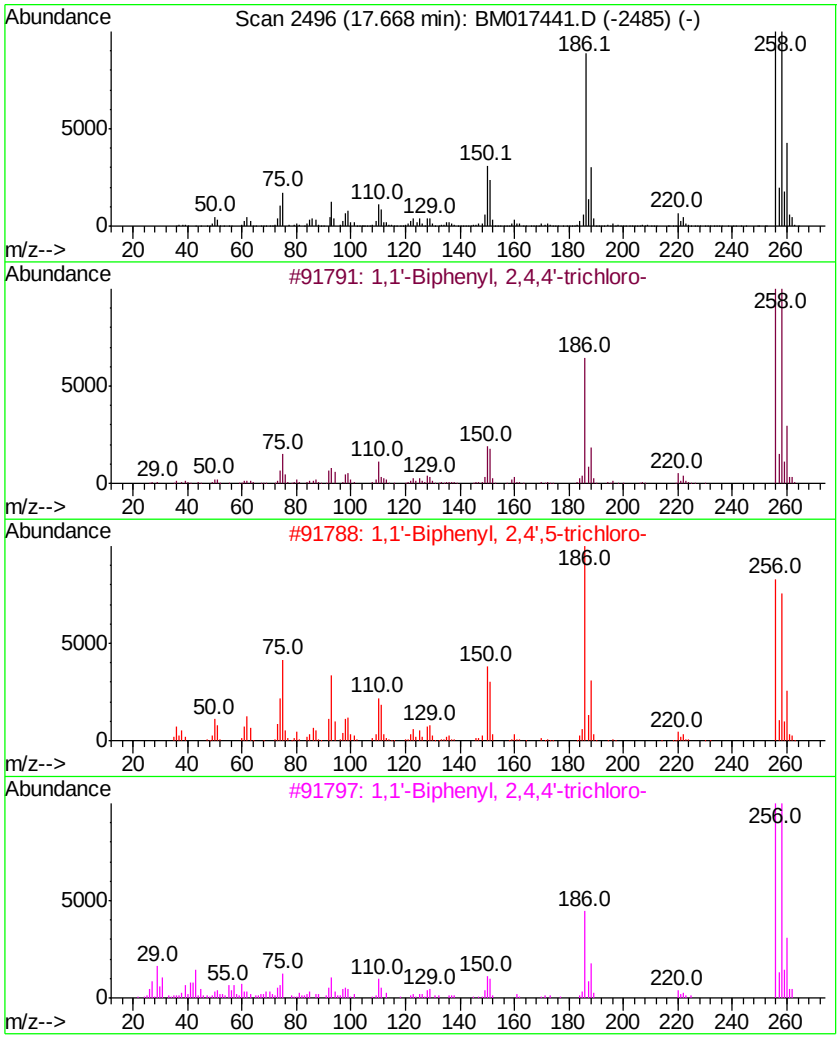
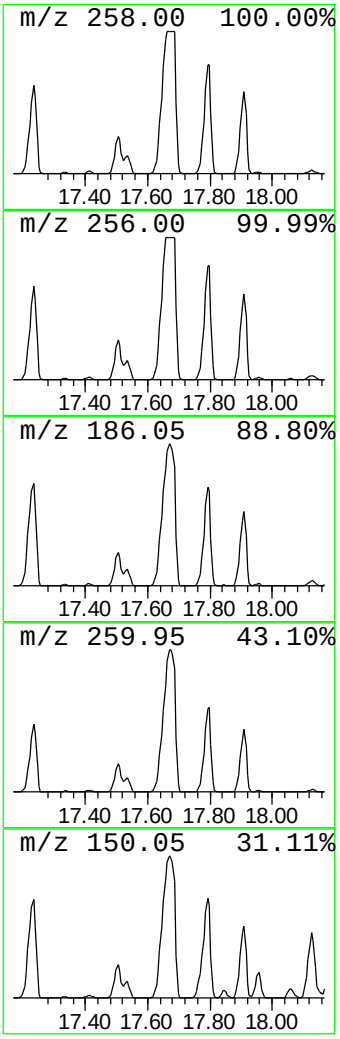
Peak Number 21 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	106.06 ng/ul	174875000	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98
2	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
4	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	96
5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	96





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Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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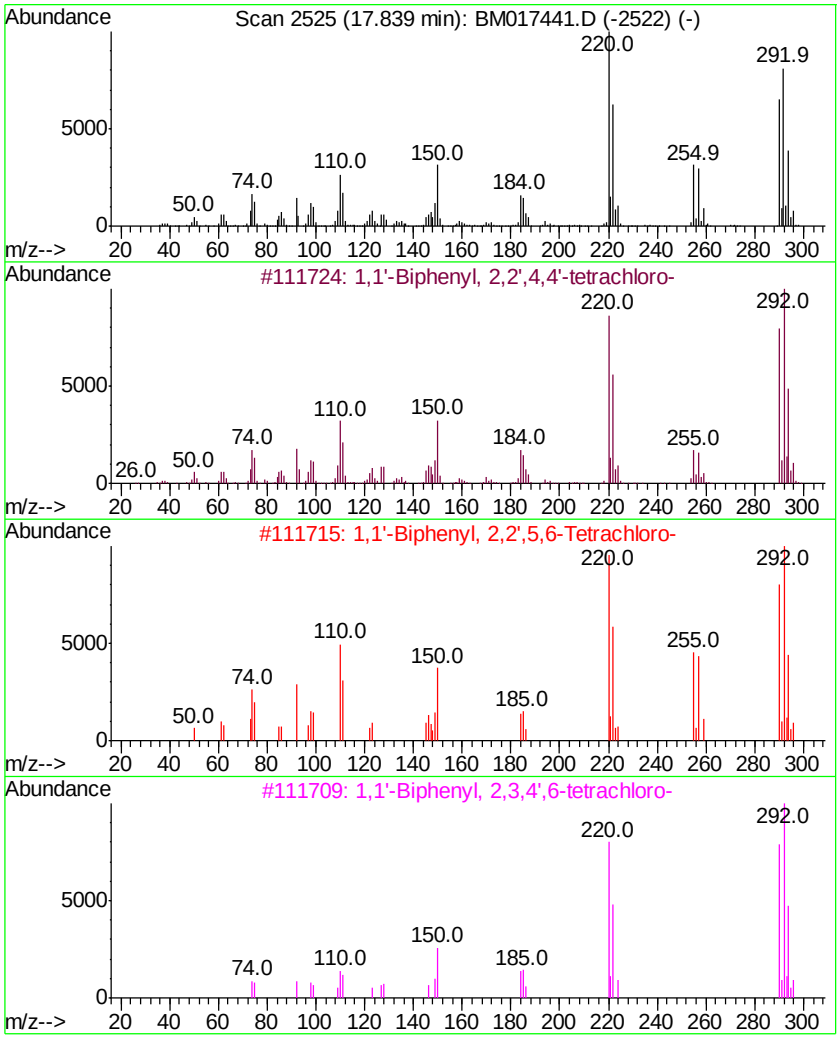
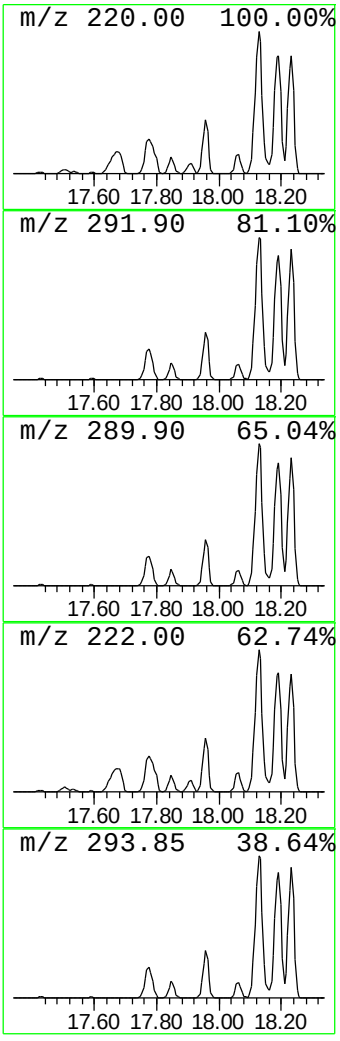
Peak Number 23 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	3.24 ng/ul	5343100	Phenanthrene-d10	17.05

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, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103118\
Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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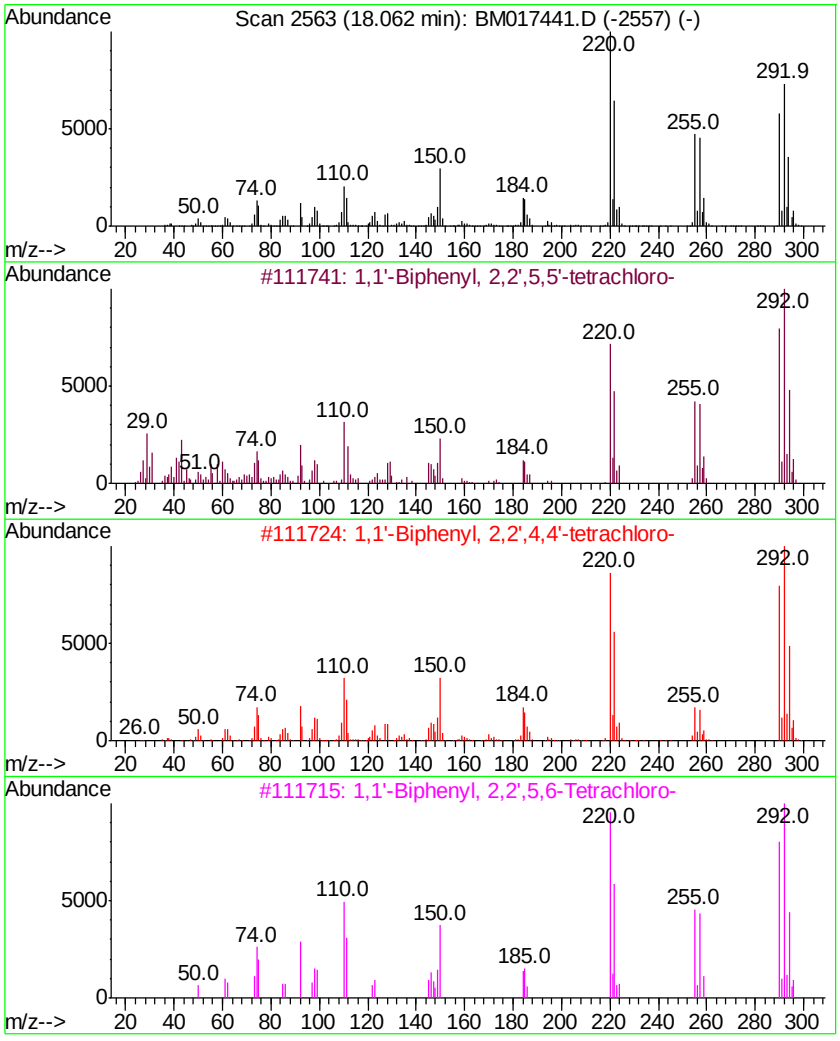
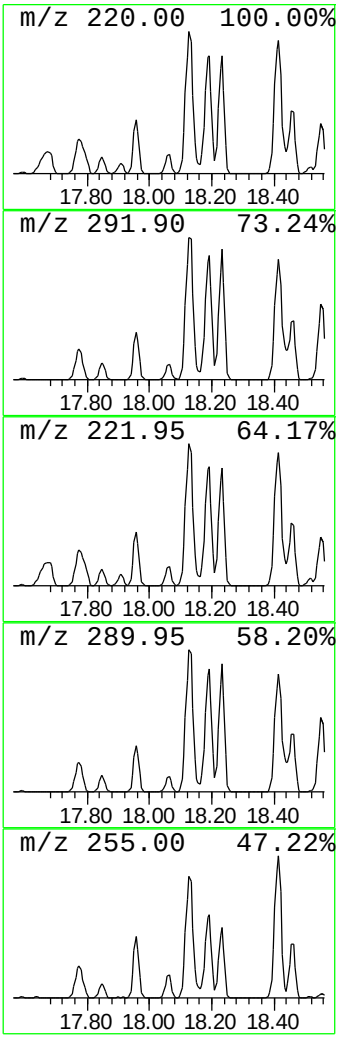
Peak Number 26 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.97 ng/ul	6541570	Phenanthrene-d10	17.05

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',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103118\
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Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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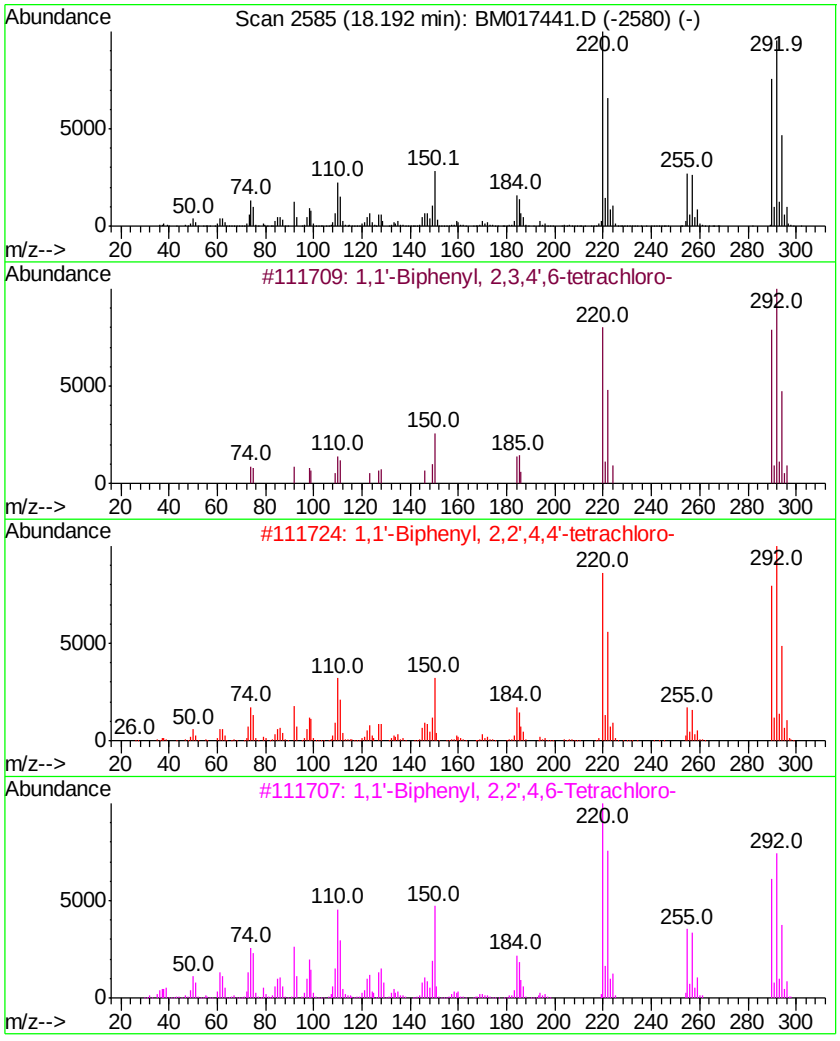
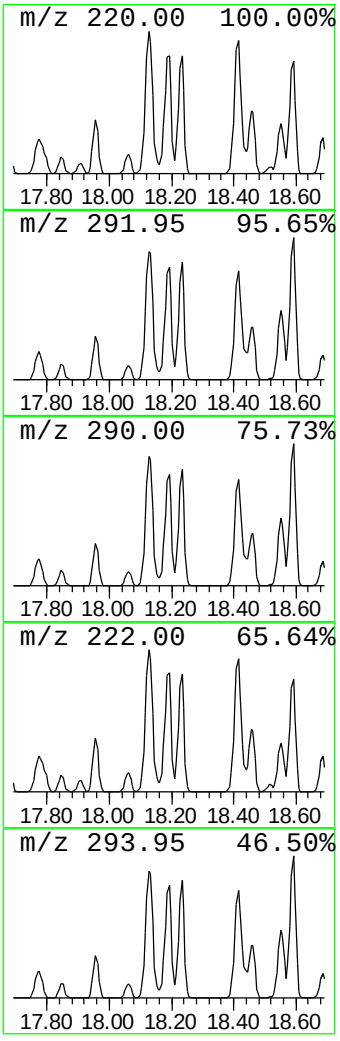
Peak Number 28 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	26.43 ng/ul	43587100	Phenanthrene-d10	17.05

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, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





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Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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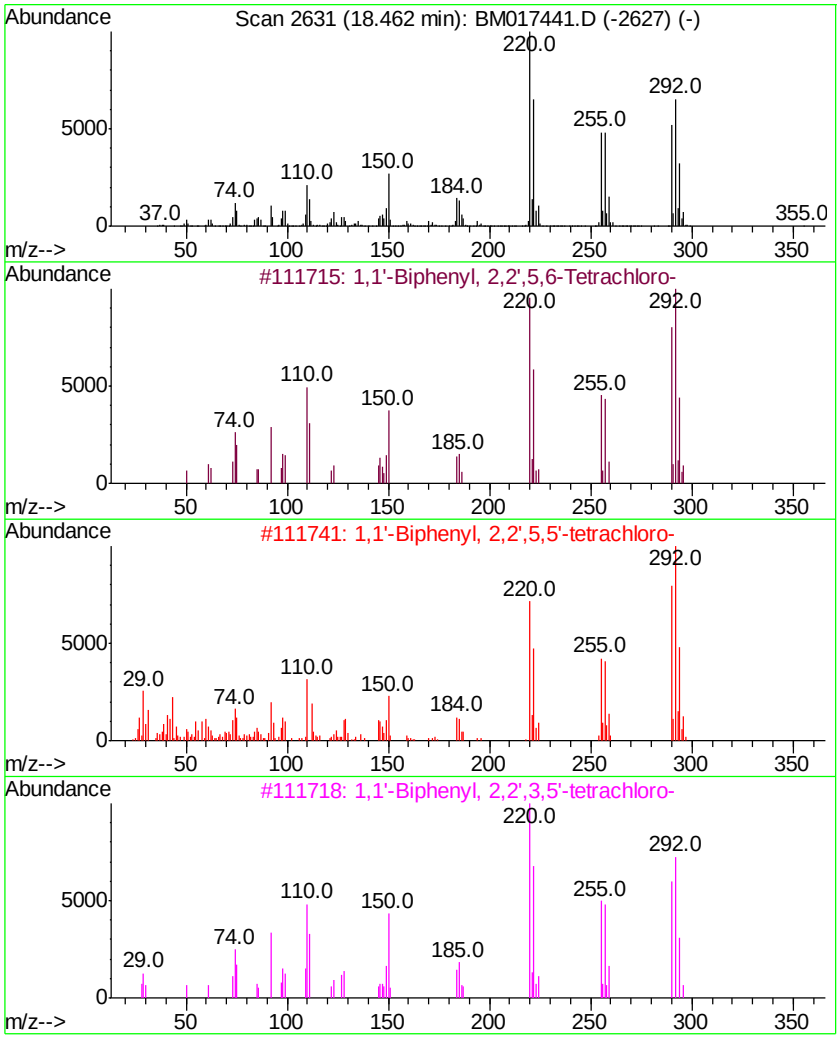
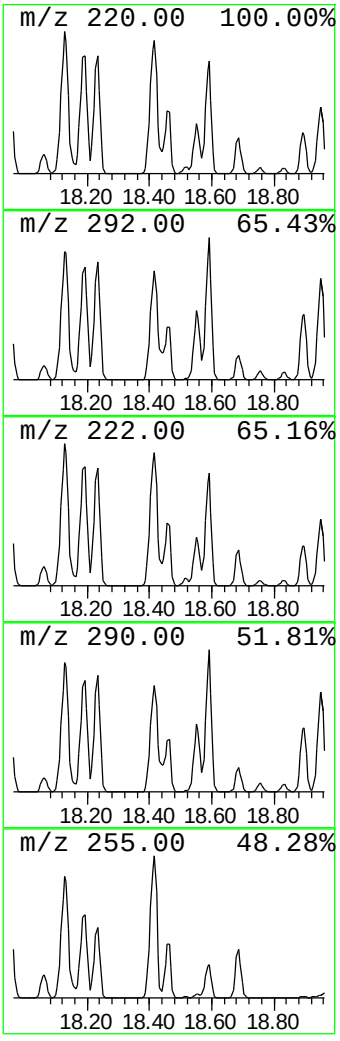
Peak Number 31 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	12.43 ng/ul	20500200	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103118\
Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

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

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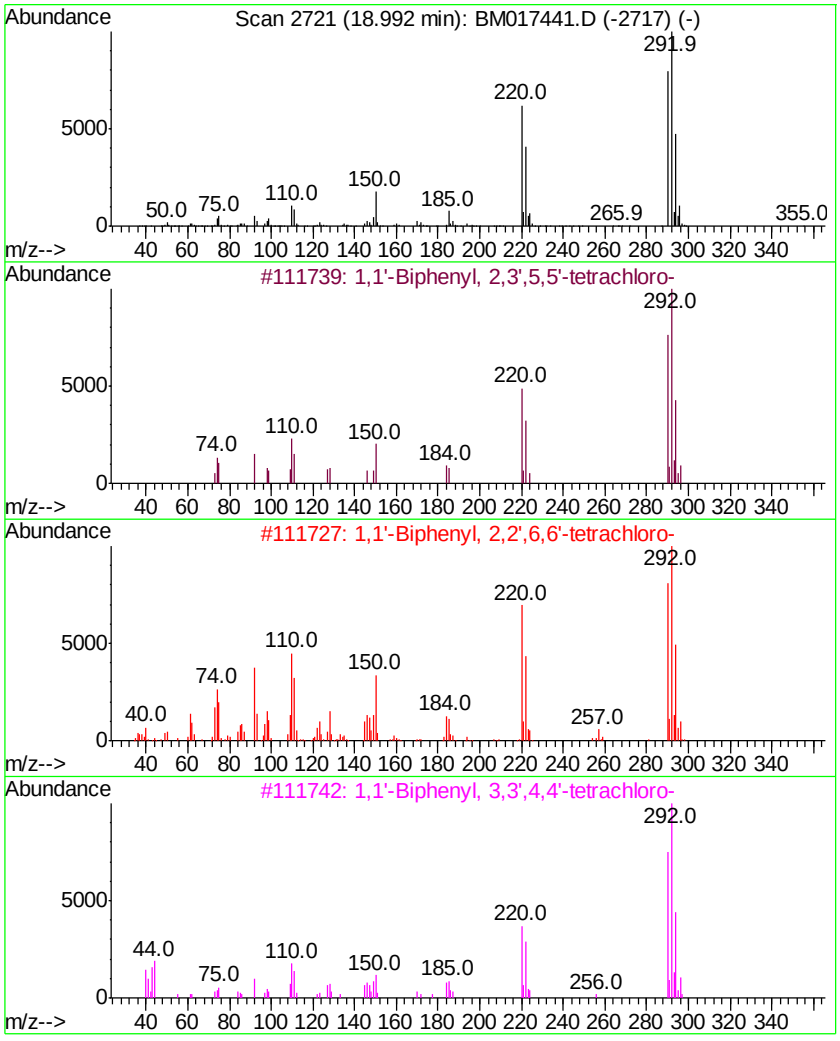
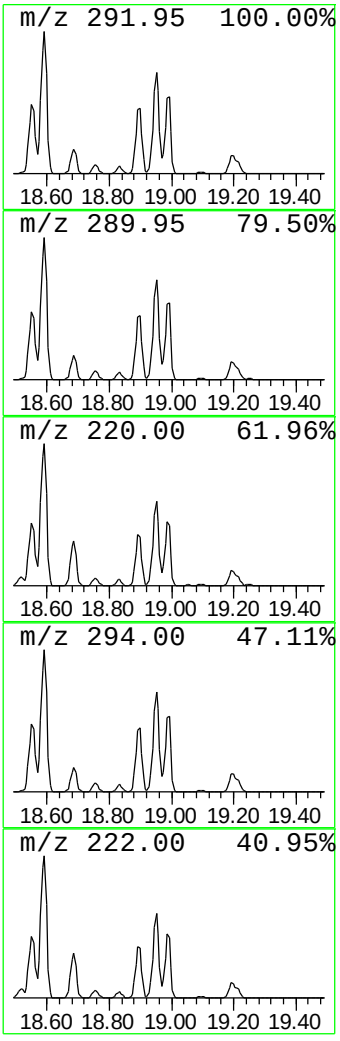
Peak Number 38 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	13.89 ng/ul	22909300	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	95
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	95
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	95
4	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	95
5	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103118\
Data File : BM017441.D
Acq On : 31 Oct 2018 22:04
Operator : MJ/SJ
Sample : J5701-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.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: Cyc...	12.63	3.7	ng/ul	746480	3	14.29	4031750	20.0
(DEL) Alkane: Cyc...	12.69	7.0	ng/ul	1418950	3	14.29	4031750	20.0
(DEL) Alkane: Cyc...	12.93	7.0	ng/ul	1417010	3	14.29	4031750	20.0
(DEL) Alkane: Str...	13.11	4.2	ng/ul	853754	3	14.29	4031750	20.0
1,1'-Biphenyl, 4-...	14.41	7.1	ng/ul	1434070	3	14.29	4031750	20.0
1,1'-Biphenyl, 2-...	15.13	4.6	ng/ul	930604	3	14.29	4031750	20.0
2,2'-Dimethylbiph...	15.34	7.6	ng/ul	1530800	3	14.29	4031750	20.0
9H-Fluorene, 9-me...	15.50	9.2	ng/ul	1853690	3	14.29	4031750	20.0
1,1'-Biphenyl, 2,...	15.56	263.3	ng/ul	53083900	3	14.29	4031750	20.0
Benzene, 2,6-dime...	15.60	492.3	ng/ul	99237900	3	14.29	4031750	20.0
1,1'-Biphenyl, 3-...	15.90	45.7	ng/ul	75303600	4	17.05	32977200	20.0
1,1'-Biphenyl, 2,...	16.00	4.2	ng/ul	6886760	4	17.05	32977200	20.0
1,1'-Biphenyl, 2,...	16.16	9.0	ng/ul	14784800	4	17.05	32977200	20.0
1,1'-Biphenyl, 2,...	16.58	10.9	ng/ul	17905100	4	17.05	32977200	20.0
1,1'-Biphenyl, 2,...	17.23	41.2	ng/ul	67859300	4	17.05	32977200	20.0
1,1'-Biphenyl, 2,...	17.53	4.7	ng/ul	7816620	4	17.05	32977200	20.0
1,1'-Biphenyl, 2,...	17.67	106.1	ng/ul	174875000	4	17.05	32977200	20.0
1,1'-Biphenyl, 2,...	17.84	3.2	ng/ul	5343100	4	17.05	32977200	20.0
1,1'-Biphenyl, 2,...	18.06	4.0	ng/ul	6541570	4	17.05	32977200	20.0
1,1'-Biphenyl, 2,...	18.19	26.4	ng/ul	43587100	4	17.05	32977200	20.0
1,1'-Biphenyl, 2,...	18.46	12.4	ng/ul	20500200	4	17.05	32977200	20.0
1,1'-Biphenyl, 2,...	18.99	13.9	ng/ul	22909300	4	17.05	32977200	20.0