LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110618\
Data File : BM017524.D
Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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	6.810	643	650	668	rBV	856594	1630718	0.61%	0.359%
2	6.975	671	678	690	rBV	698717	1068399	0.40%	0.235%
3	7.163	703	710	722	rBV	901054	1442258	0.54%	0.318%
4	7.628	781	789	799	rBV	832632	1342349	0.50%	0.296%
5	8.334	900	909	927	rBV	1077689	1827194	0.68%	0.403%
6	8.781	977	985	994	rBV	853425	1428137	0.53%	0.315%
7	9.493	1099	1106	1116	rBV	703879	1218856	0.45%	0.269%
8	10.028	1190	1197	1219	rBV	1030845	1916768	0.71%	0.422%
9	10.398	1249	1260	1273	rBV	1217205	2022396	0.75%	0.446%
10	10.551	1277	1286	1307	rBV	869028	1854747	0.69%	0.409%
11	13.692	1813	1820	1825	rBV	1967407	2886063	1.08%	0.636%
12	13.734	1825	1827	1836	rVB	198695	280452	0.10%	0.062%
13	13.963	1858	1866	1880	rBV	2255118	3433052	1.28%	0.756%
14	14.269	1910	1918	1922	rBV2	1797976	2910862	1.09%	0.641%
15	14.304	1922	1924	1931	rVB	695660	749831	0.28%	0.165%
16	14.492	1949	1956	1969	rBV	705438	1314357	0.49%	0.290%
17	15.116	2057	2062	2070	rVB	290825	405852	0.15%	0.089%
18	15.228	2075	2081	2083	rBV	365889	507379	0.19%	0.112%
19	15.269	2083	2088	2093	rVV	3076551	4387924	1.64%	0.967%
20	15.322	2093	2097	2103	rVB	683983	937748	0.35%	0.207%
21	15.404	2106	2111	2118	rBV	955074	1313896	0.49%	0.289%
22	15.486	2119	2125	2128	rVV	675905	956531	0.36%	0.211%
23	15.533	2128	2133	2135	rVV	3113341	4230751	1.58%	0.932%
24	15.575	2135	2140	2145	rVB	34987453	48757840	18.18%	10.742%
25	15.880	2184	2192	2197	rBV	23210488	30935485	11.54%	6.816%
26	15.928	2197	2200	2205	rVV	363195	453846	0.17%	0.100%
27	16.098	2224	2229	2233	rBV	259875	356831	0.13%	0.079%
28	16.145	2233	2237	2240	rBV	254757	340656	0.13%	0.075%
29	16.263	2247	2257	2264	rBV2	1885234	3175651	1.18%	0.700%
30	16.557	2297	2307	2312	rVV	504197	695749	0.26%	0.153%
31	16.904	2361	2366	2369	rBV2	910000	1258703	0.47%	0.277%
32	16.939	2369	2372	2378	rVB	1361317	1760470	0.66%	0.388%
33	17.022	2379	2386	2397	rBV3	2846429	4704259	1.75%	1.036%
34	17.122	2397	2403	2411	rVV2	3551786	4910819	1.83%	1.082%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110618\
Data File : BM017524.D
Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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	17.204	2411	2417	2423	rVB	1014561	1545782	0.58%	0.341%
36	17.480	2459	2464	2467	rBV	360027	479716	0.18%	0.106%
37	17.627	2481	2489	2499	rVB	2929217	5737905	2.14%	1.264%
38	17.751	2503	2510	2517	rVB2	779986	1282186	0.48%	0.282%
39	17.874	2526	2531	2536	rBV	744914	999280	0.37%	0.220%
40	17.927	2536	2540	2550	rVV	471238	686440	0.26%	0.151%
41	18.098	2564	2569	2575	rVV	765633	1114817	0.42%	0.246%
42	18.157	2575	2579	2583	rVV	624786	873177	0.33%	0.192%
43	18.198	2583	2586	2597	rVB	734380	951452	0.35%	0.210%
44	18.380	2612	2617	2622	rBV	617350	917088	0.34%	0.202%
45	18.433	2622	2626	2630	rVV	281146	401053	0.15%	0.088%
46	18.492	2630	2636	2639	rVV	470058	698943	0.26%	0.154%
47	18.521	2639	2641	2644	rVV	351432	438033	0.16%	0.097%
48	18.563	2644	2648	2654	rVB	652877	829987	0.31%	0.183%
49	18.874	2695	2701	2705	rBV	274415	369844	0.14%	0.081%
50	18.927	2705	2710	2712	rVV	415168	582774	0.22%	0.128%
51	18.963	2712	2716	2723	rVB2	335206	545933	0.20%	0.120%
52	19.221	2756	2760	2768	rVB4	141720	284893	0.11%	0.063%
53	19.427	2789	2795	2803	rBV	4388687	6153711	2.30%	1.356%
54	20.939	3047	3052	3066	rBV	2903342	3717599	1.39%	0.819%
55	21.204	3083	3097	3099	rBV4	75139165	268134689	100.00%	59.075%
56	21.221	3099	3100	3116	rVB	4292465	4224496	1.58%	0.931%
57	21.386	3125	3128	3137	rVB4	204915	272092	0.10%	0.060%
58	22.268	3274	3278	3284	rBV2	291153	422835	0.16%	0.093%
59	22.762	3358	3362	3367	rVB	363601	509085	0.19%	0.112%
60	23.286	3444	3451	3463	rVB	4056232	7813536	2.91%	1.721%
61	23.421	3468	3474	3483	rVB	2736274	4996741	1.86%	1.101%
62	23.939	3557	3562	3569	rVB2	405633	765347	0.29%	0.169%
63	24.656	3680	3684	3692	rVB	355050	720922	0.27%	0.159%

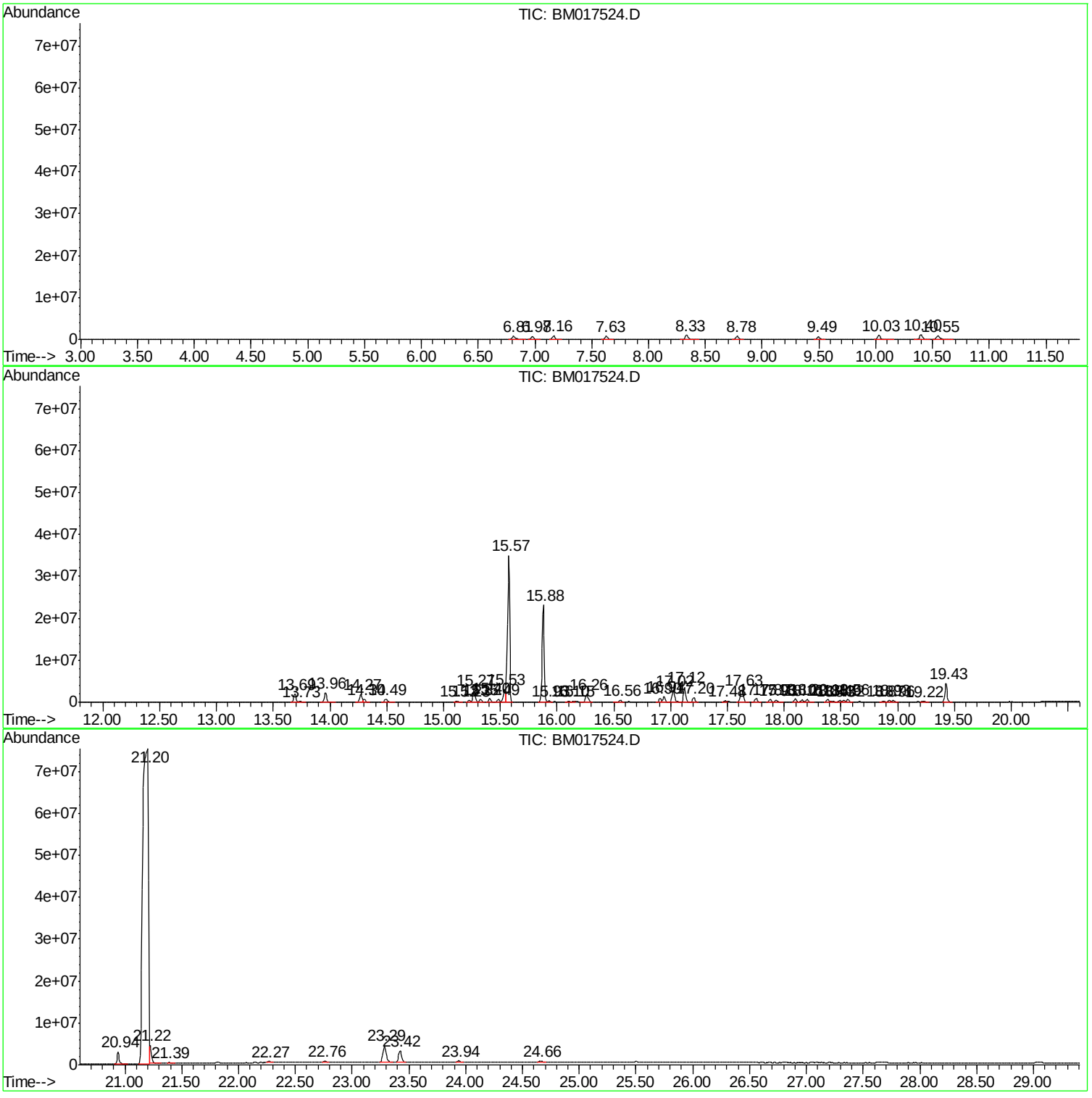
Sum of corrected areas: 453887185

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110618\
Data File : BM017524.D
Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40F8ME

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\BM110618\
Data File : BM017524.D
Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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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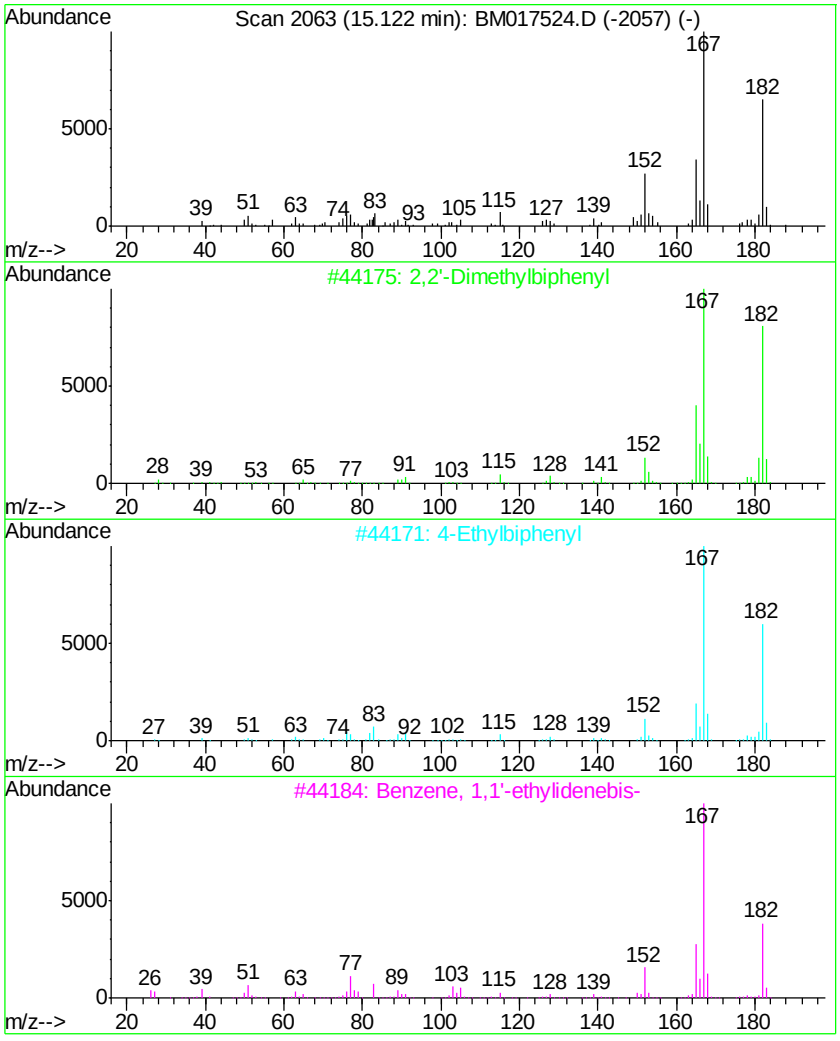
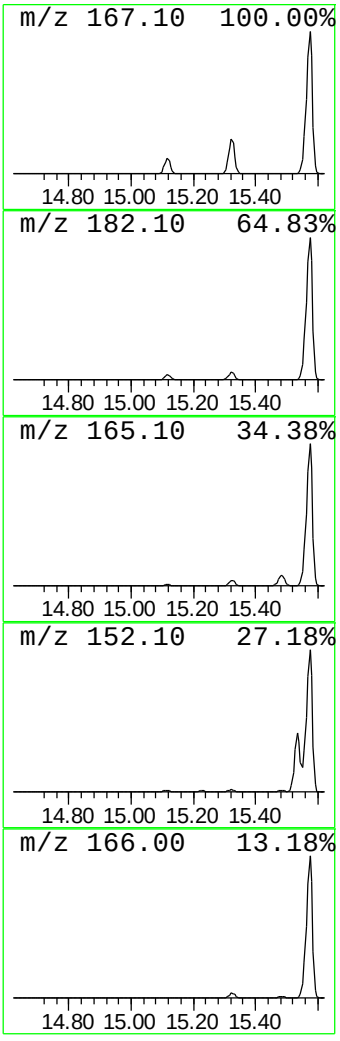
Peak Number 1 2,2'-Dimethylbiphenyl Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	2.79 ng/ul	405852	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	91
2	4-Ethylbiphenyl	182	C14H14	005707-44-8	90
3	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	87
4	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	86
5	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110618\
Data File : BM017524.D
Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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

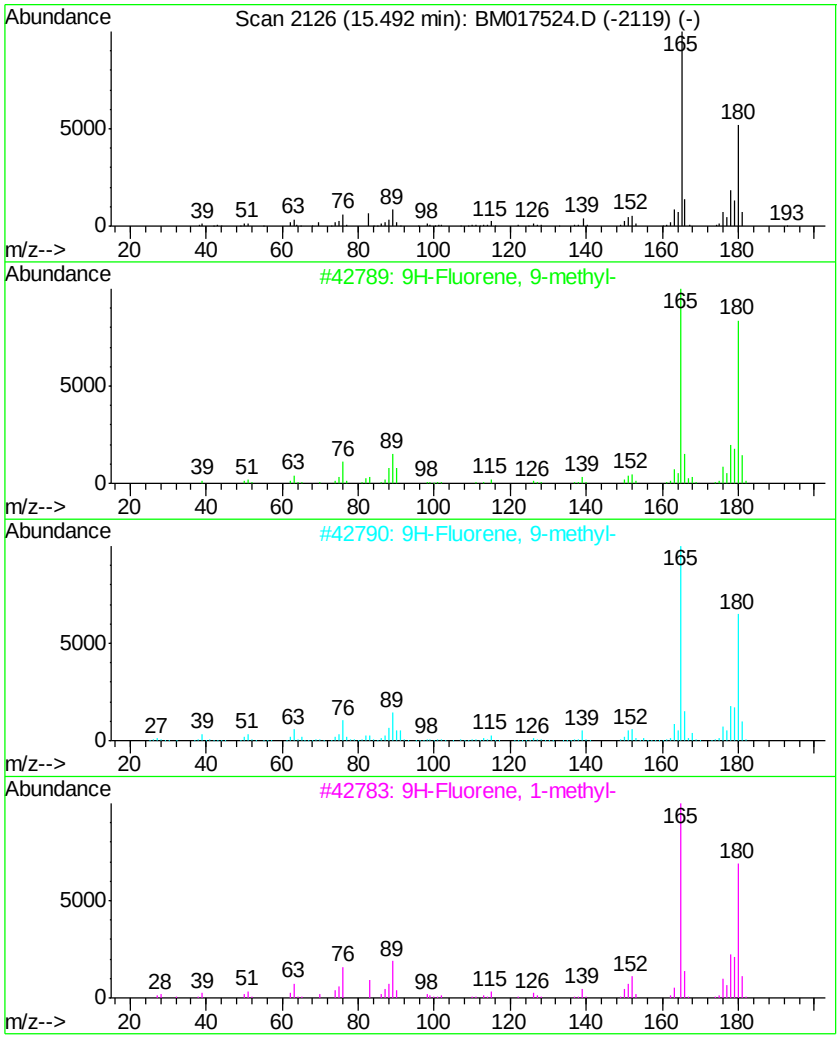
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

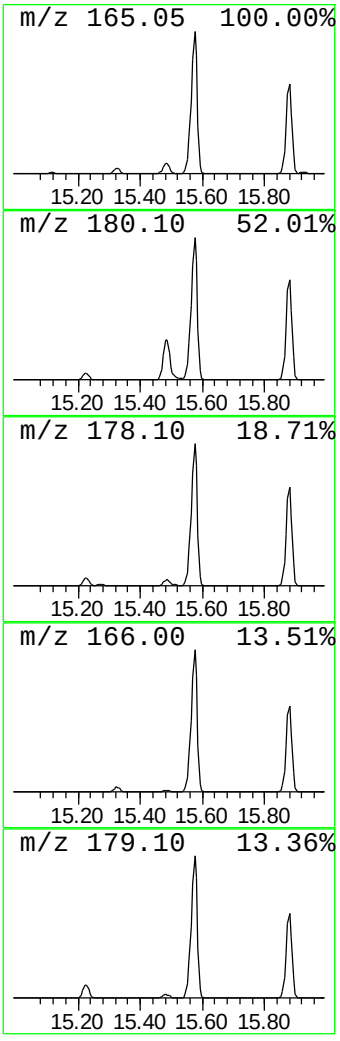
****

Peak Number 2 9H-Fluorene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	6.57 ng/ul	956531	Acenaphthene-d10	14.27

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	83
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
4	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	83
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110618\
Data File : BM017524.D
Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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

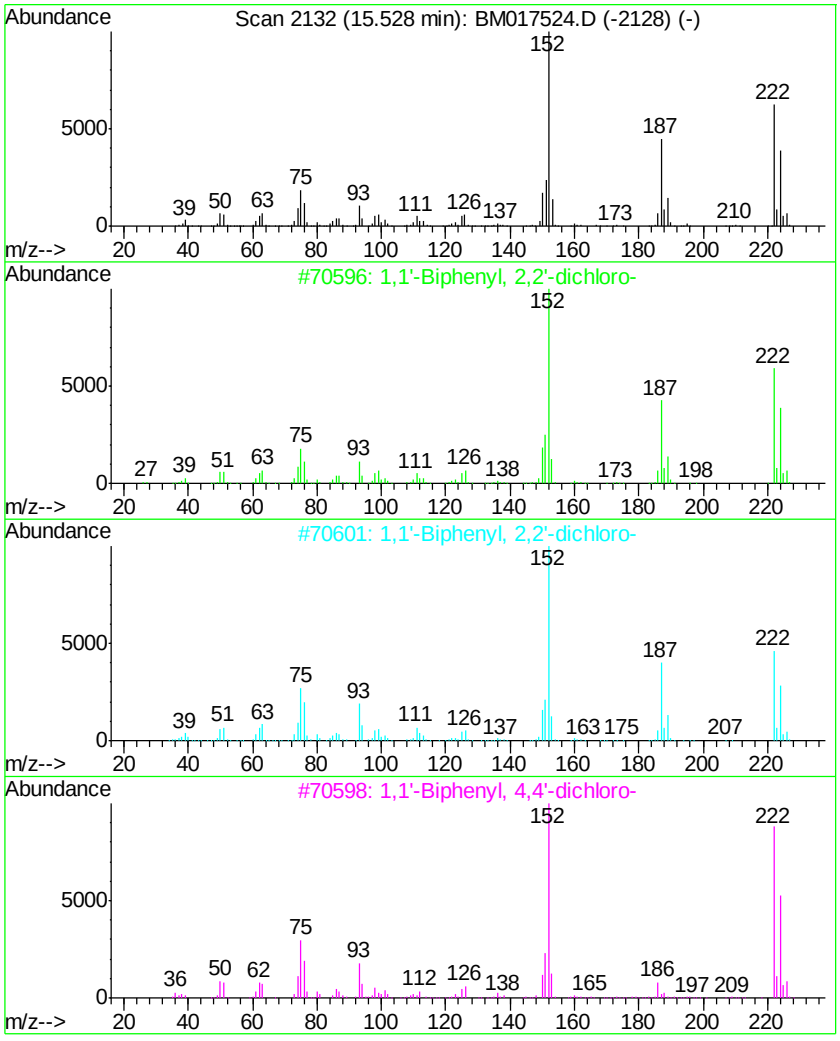
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

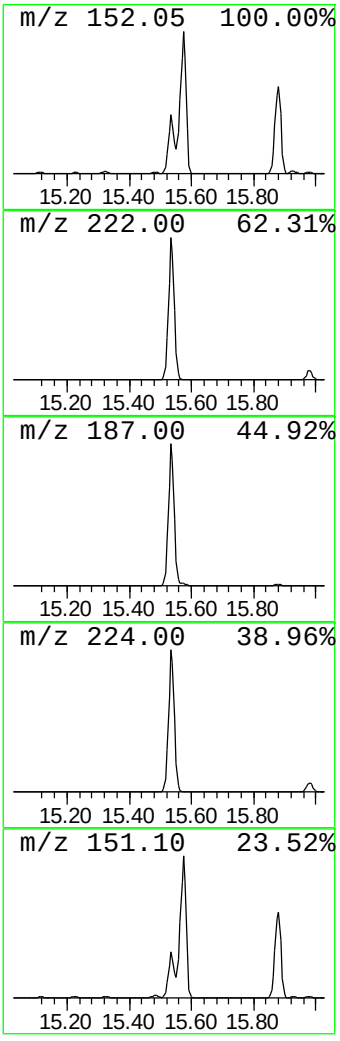
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	29.07 ng/ul	4230750	Acenaphthene-d10	14.27

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	98
3	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	98
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	95
5	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110618\
Data File : BM017524.D
Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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

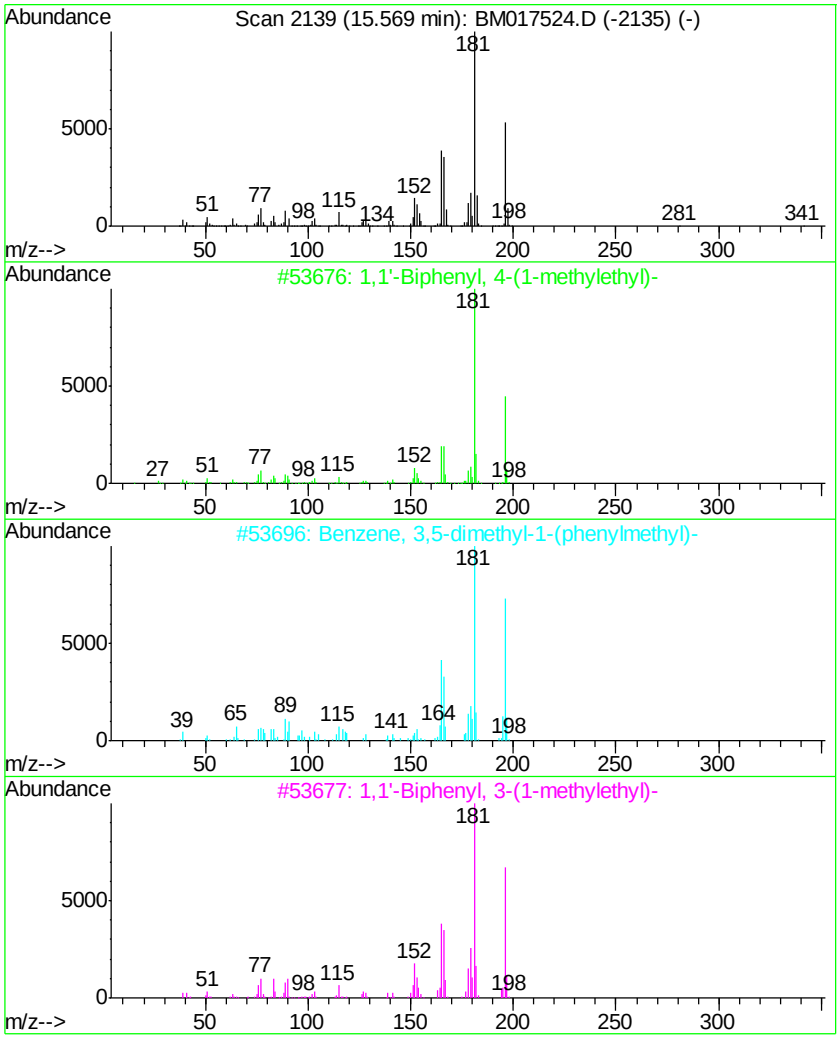
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

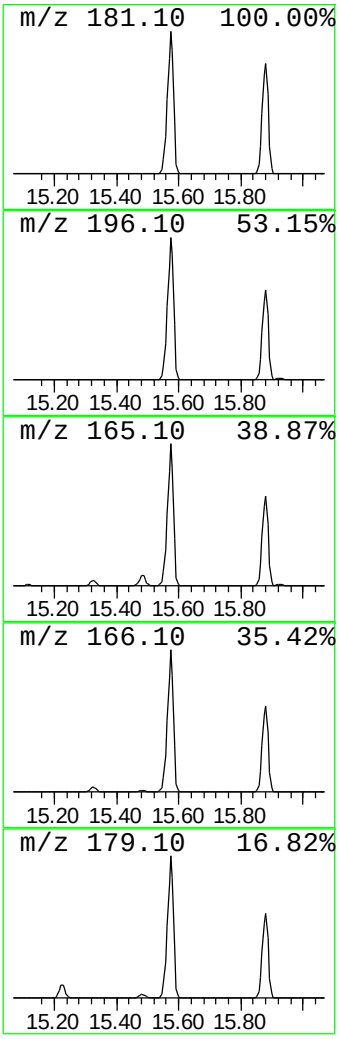
****

Peak Number 4 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	335.01 ng/ul	48757800	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	96
2	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	94
3	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	94
4	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	93
5	Benzene, 1,1'-methylenebis[4-met...	196	C15H16	004957-14-6	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110618\
Data File : BM017524.D
Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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

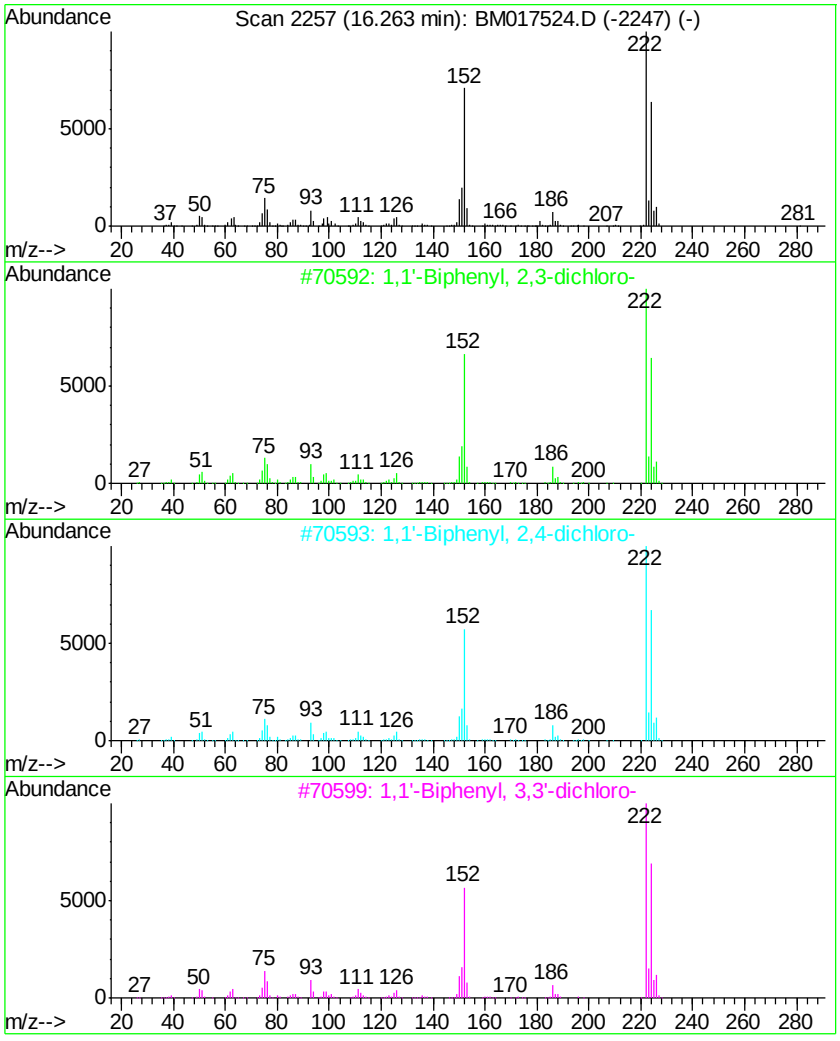
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

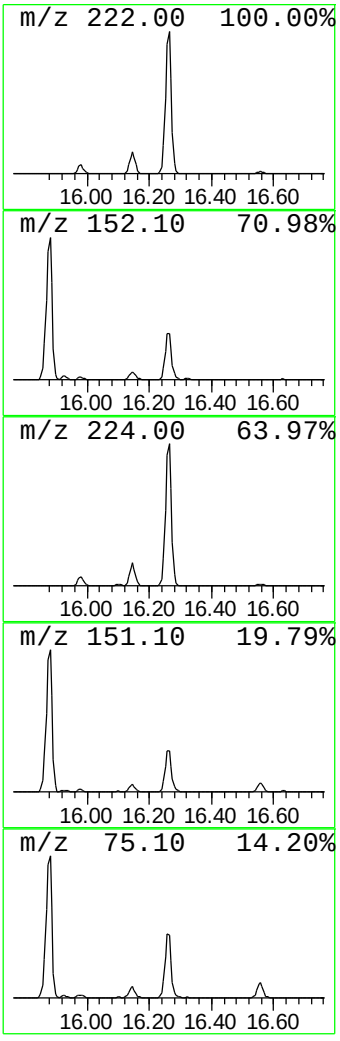
****

Peak Number 6 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	13.50 ng/ul	3175650	Phenanthrene-d10	17.02

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	99
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	98
5	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110618\
Data File : BM017524.D
Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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

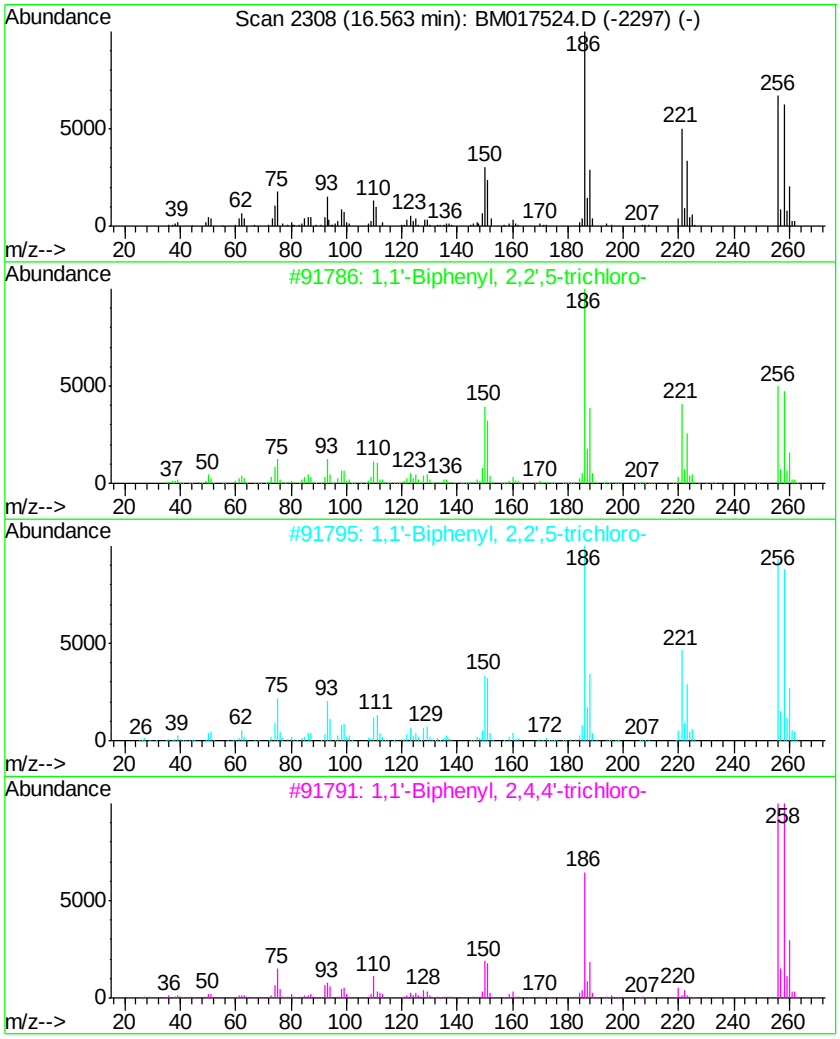
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

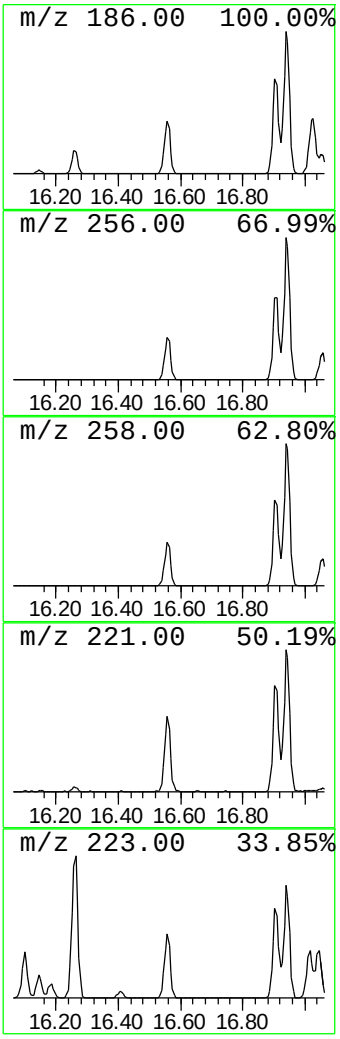
****

Peak Number 7 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	2.96 ng/ul	695749	Phenanthrene-d10	17.02

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	96
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	93
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110618\
Data File : BM017524.D
Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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

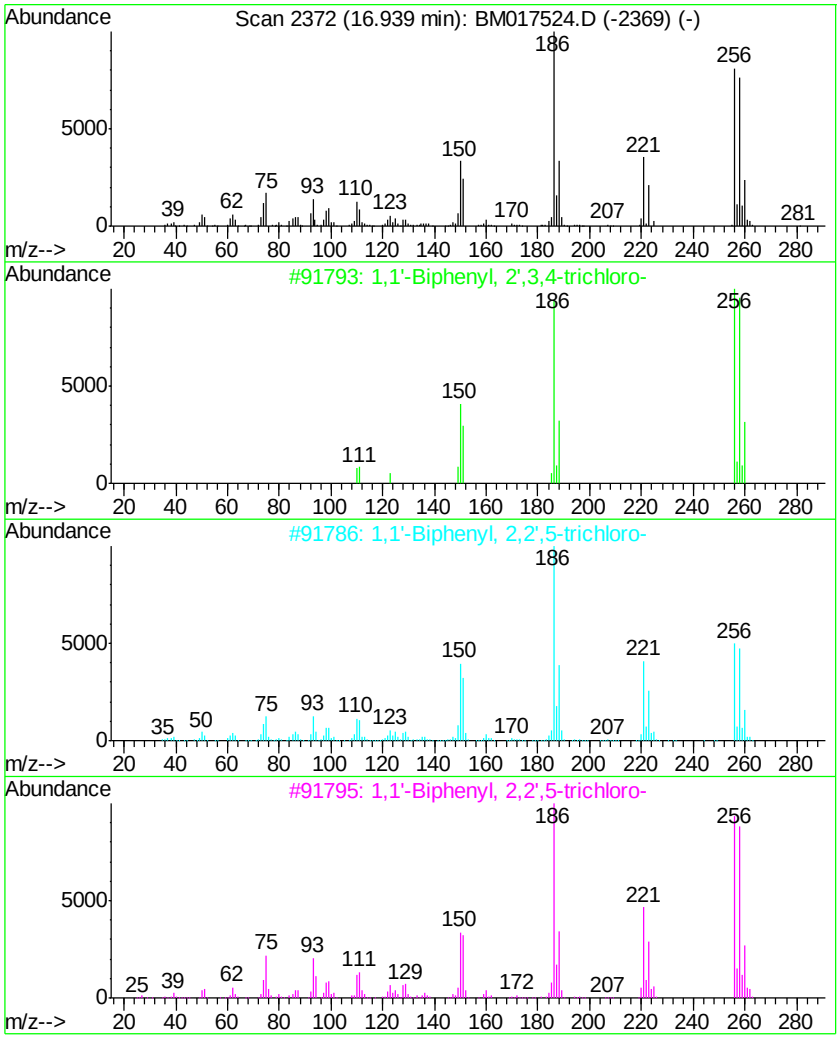
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

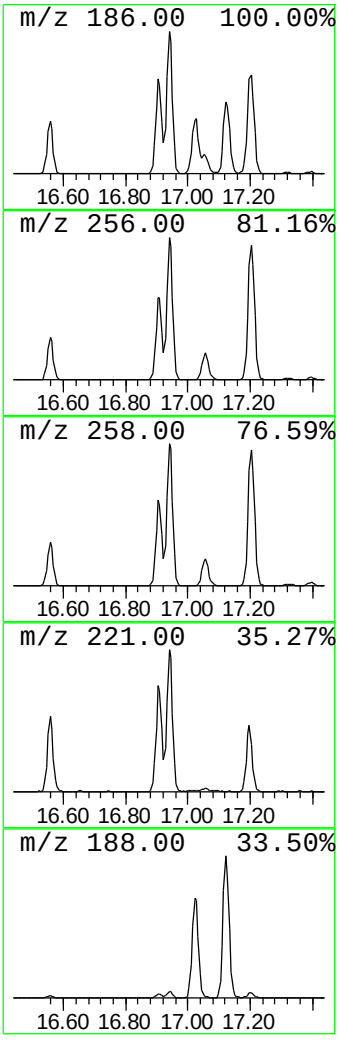
****

Peak Number 9 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	7.48 ng/ul	1760470	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	96
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	93
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	93
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	93





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Data File : BM017524.D
Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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

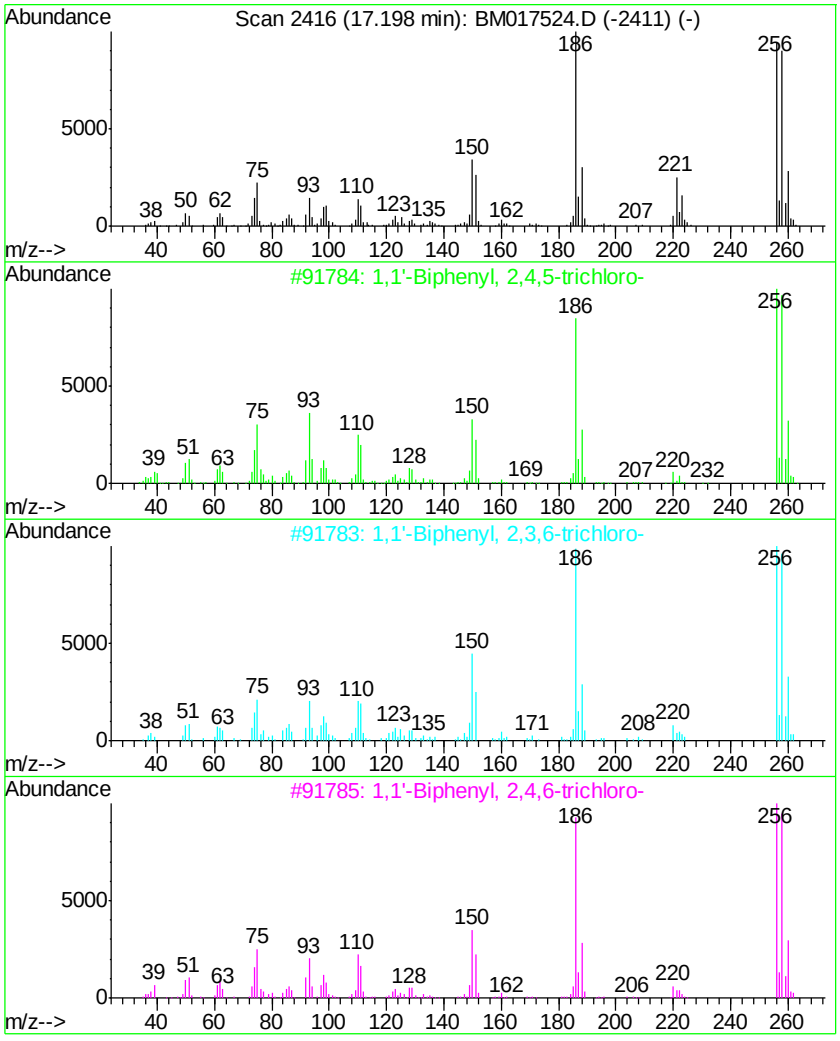
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

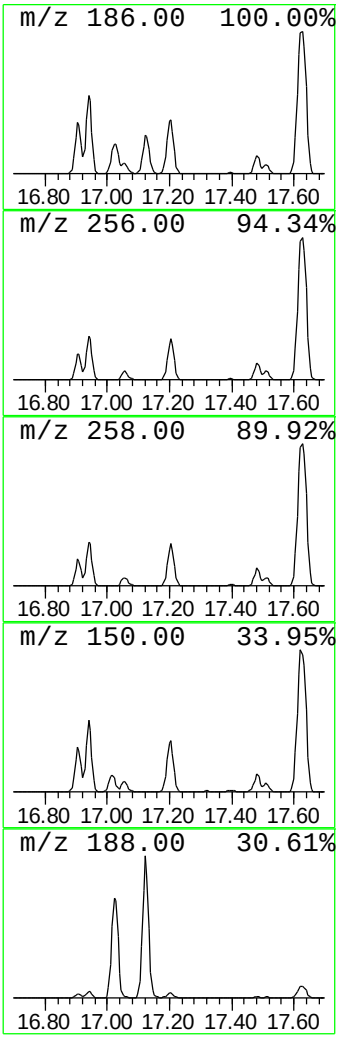
****

Peak Number 10 1,1'-Biphenyl, 2,3,6-trichl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	6.57 ng/ul	1545780	Phenanthrene-d10	17.02

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, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99
3	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	98
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98





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Data File : BM017524.D
Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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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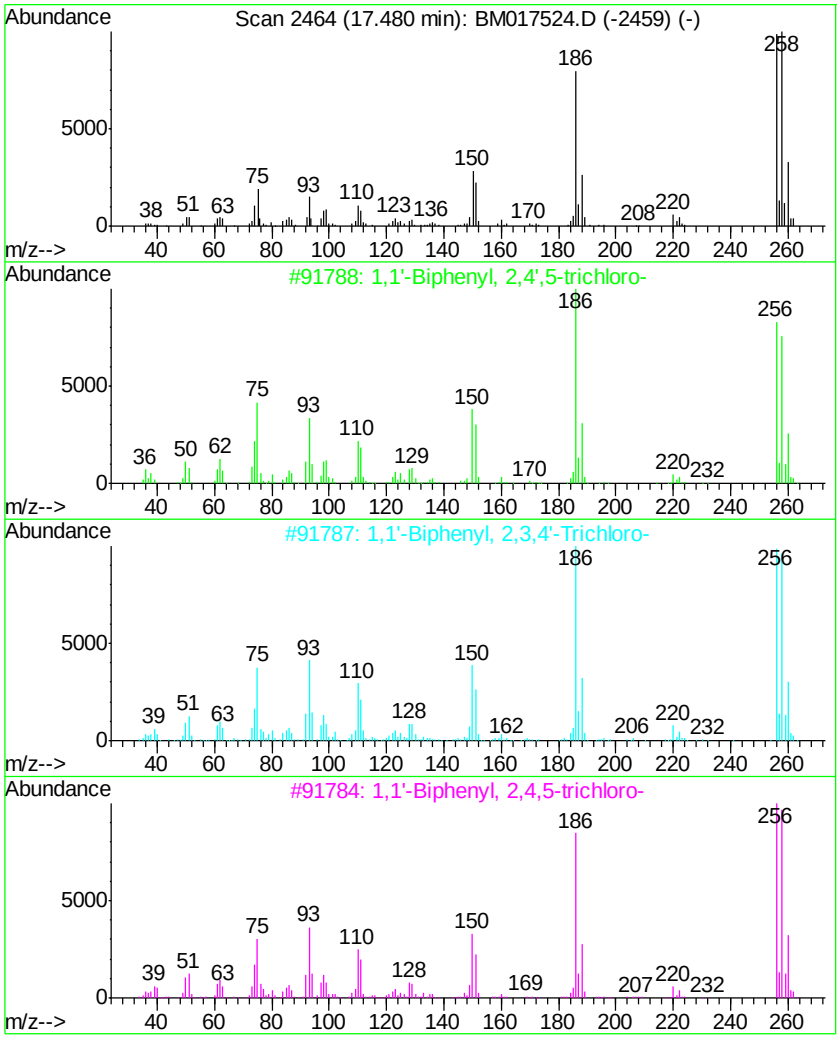
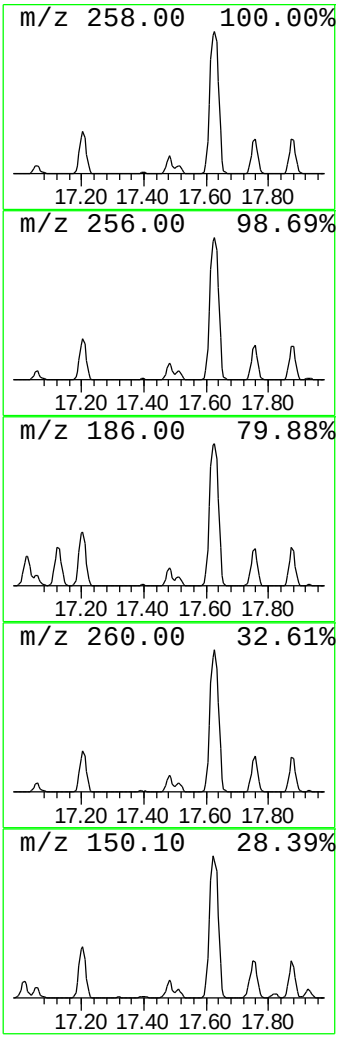
Peak Number 11 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	2.04 ng/ul	479716	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
2	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	98
3	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	97
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96





Library Search Compound Report

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Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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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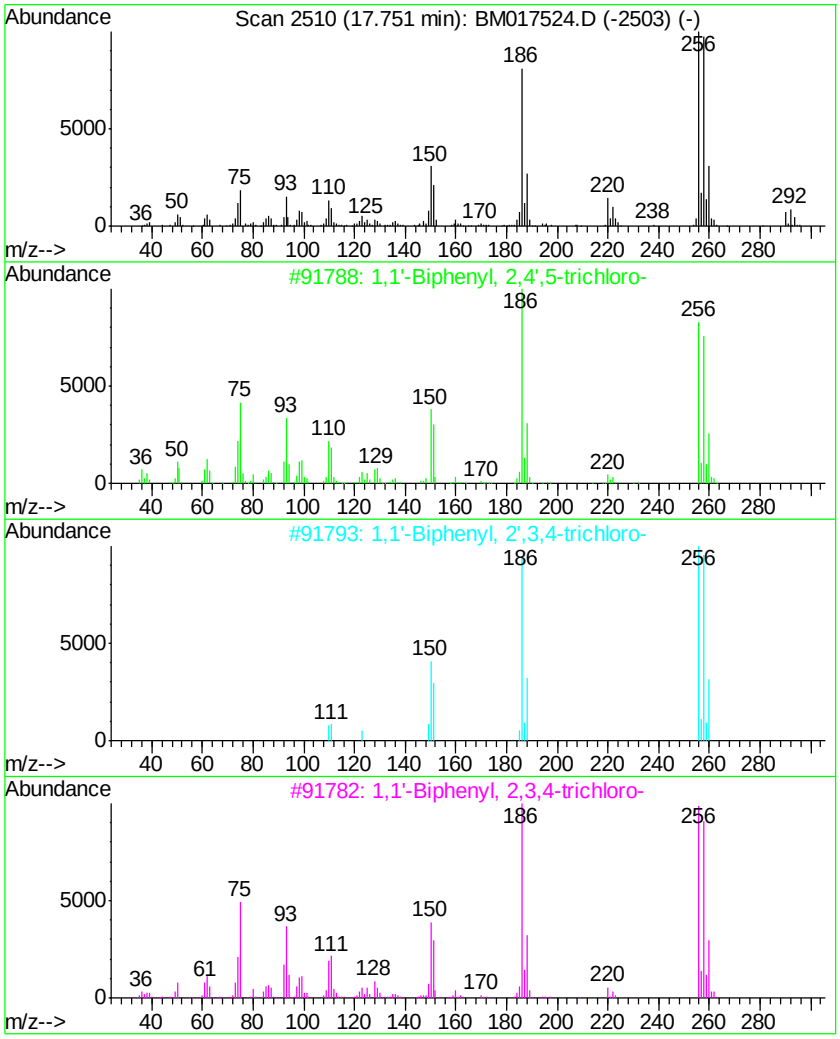
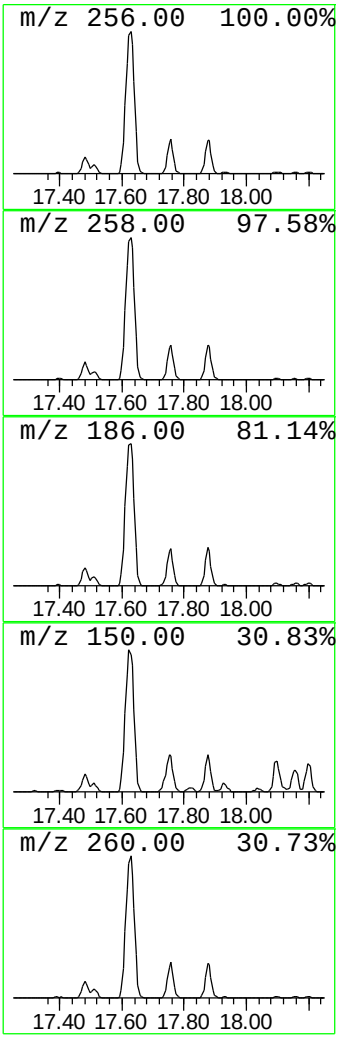
Peak Number 13 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	5.45 ng/ul	1282190	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
3	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98
4	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	97





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Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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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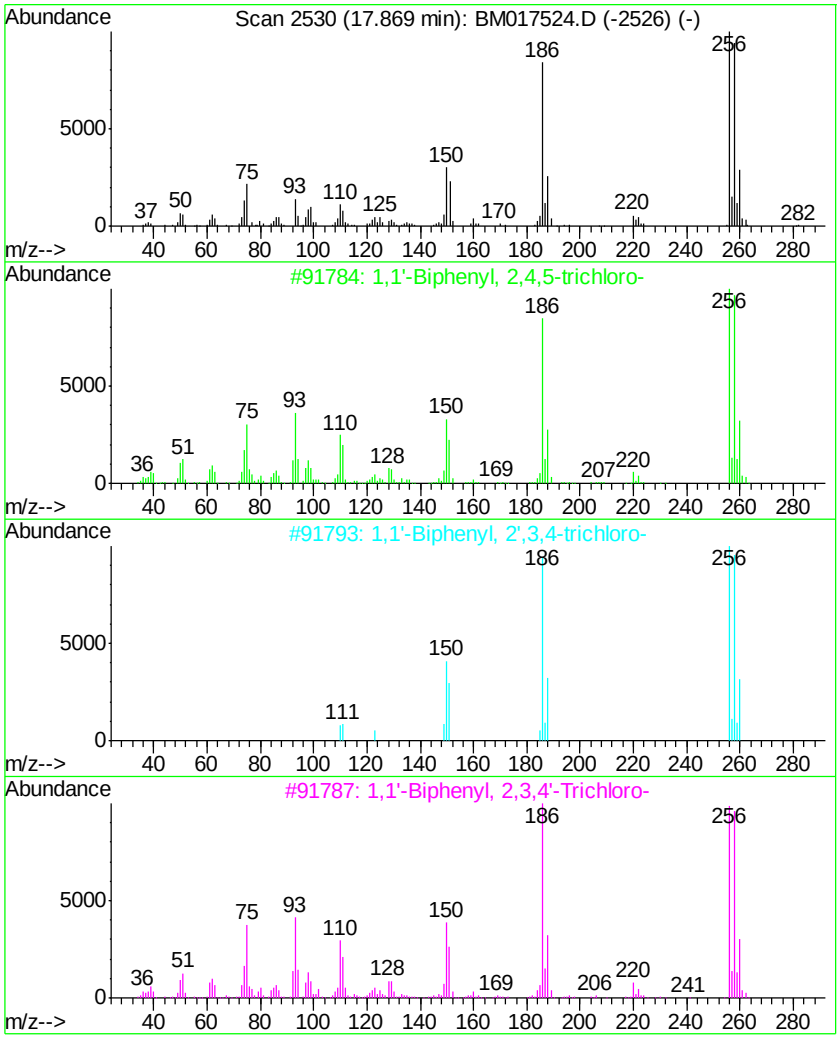
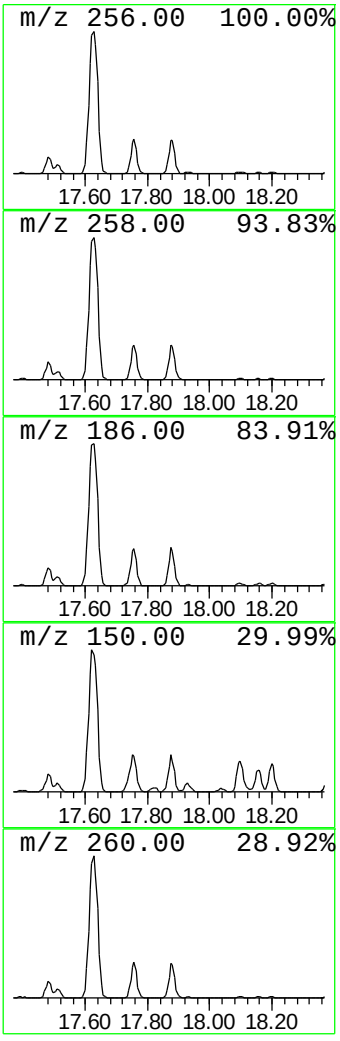
Peak Number 14 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	4.25 ng/ul	999280	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
3	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	98
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	96





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Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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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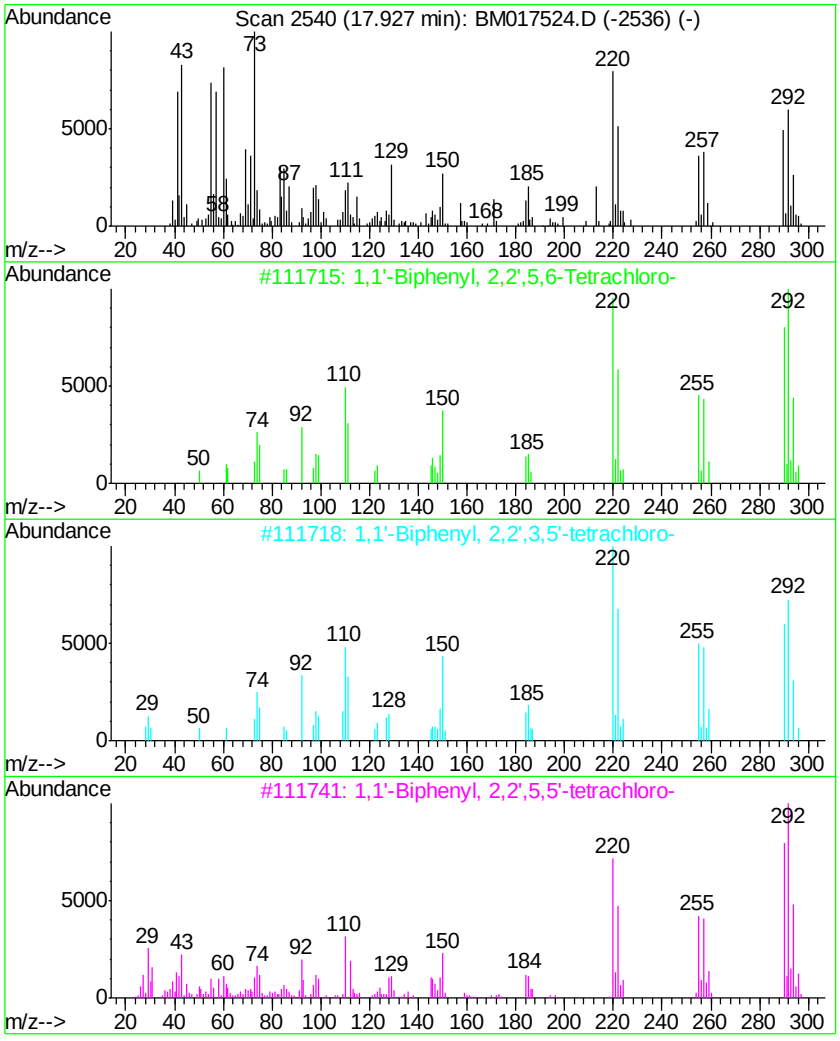
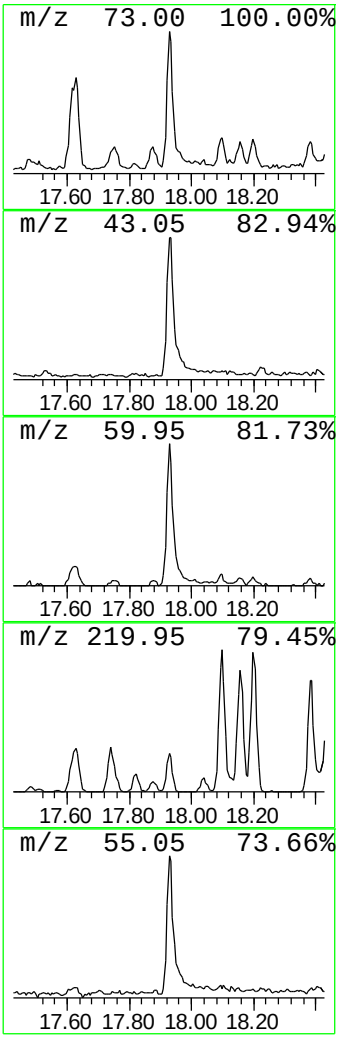
Peak Number 15 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.92 ng/ul	686440	Phenanthrene-d10	17.02

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',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	98
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	96





Library Search Compound Report

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Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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Quant Title : SVOA CALIBRATION

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

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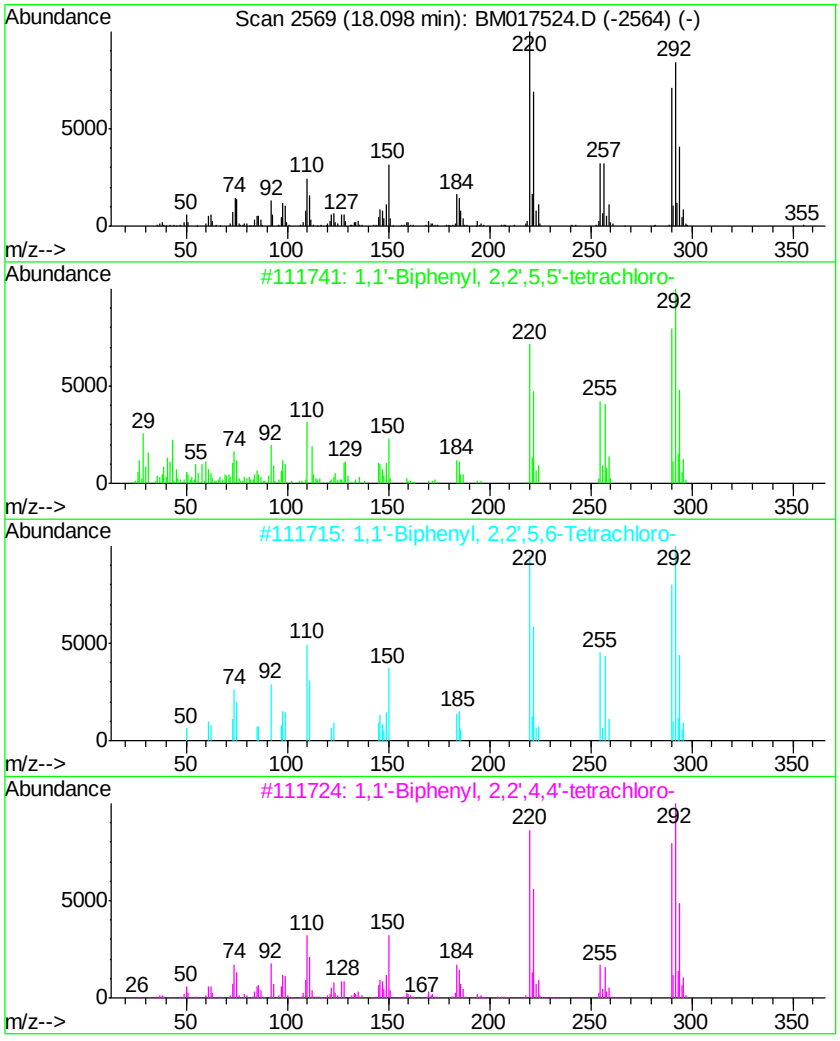
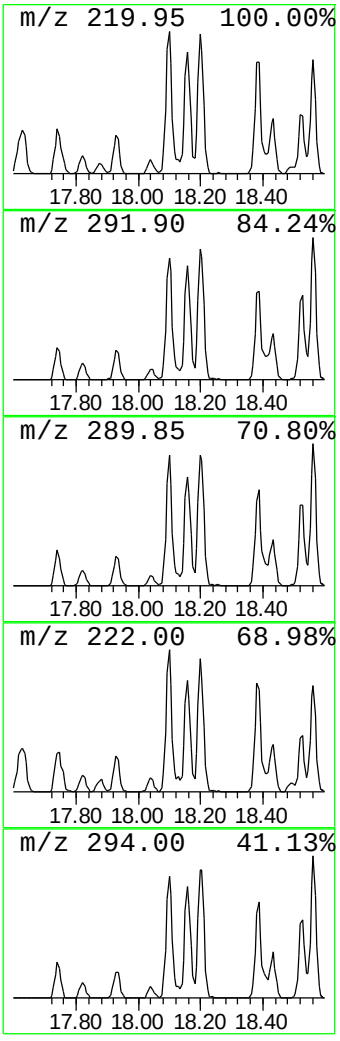
Peak Number 16 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	4.74 ng/ul	1114820	Phenanthrene-d10	17.02

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





Library Search Compound Report

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Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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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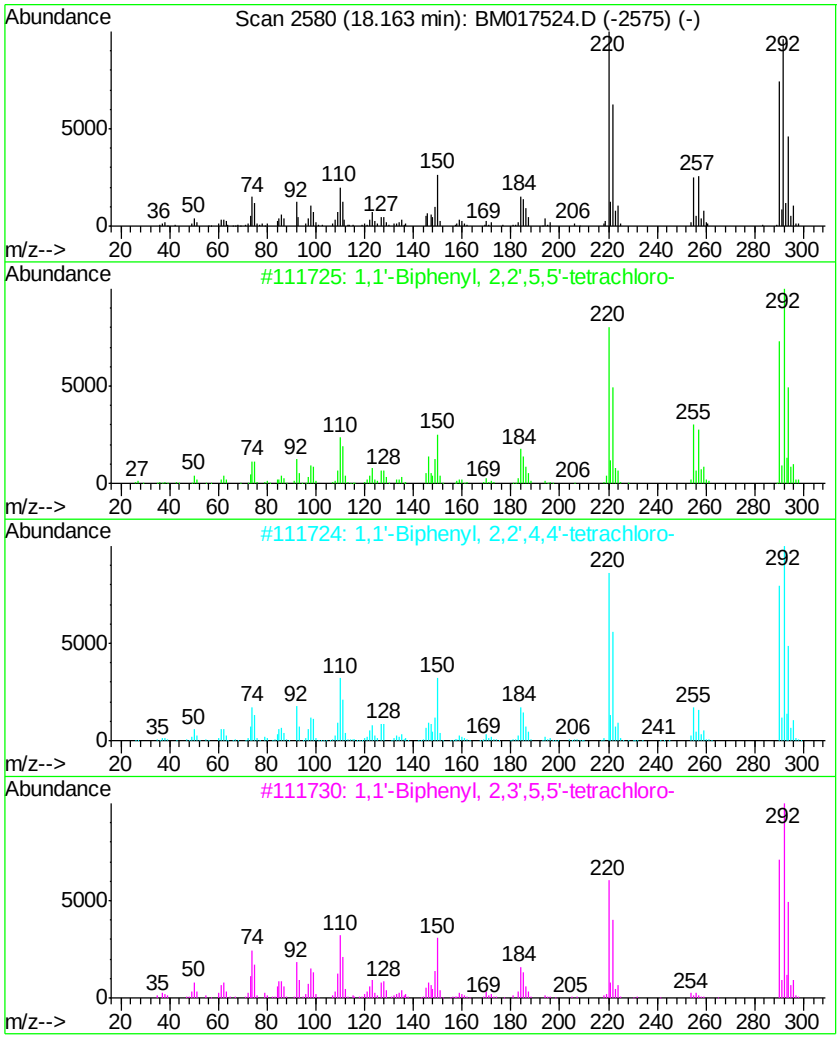
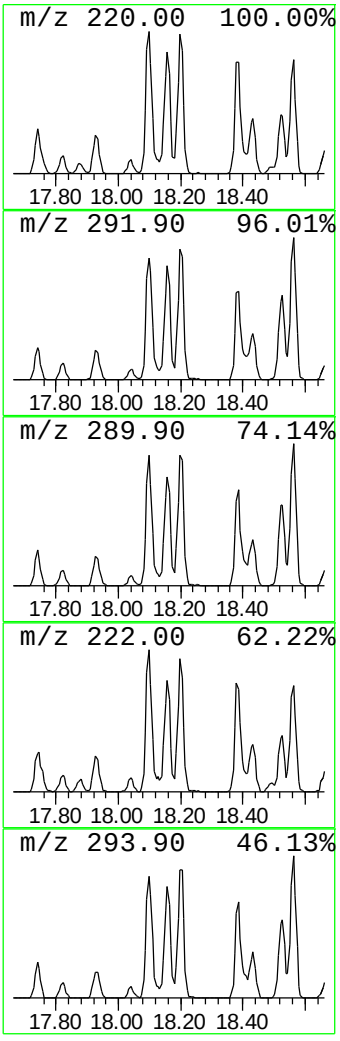
Peak Number 17 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	3.71 ng/ul	873177	Phenanthrene-d10	17.02

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, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99





Library Search Compound Report

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Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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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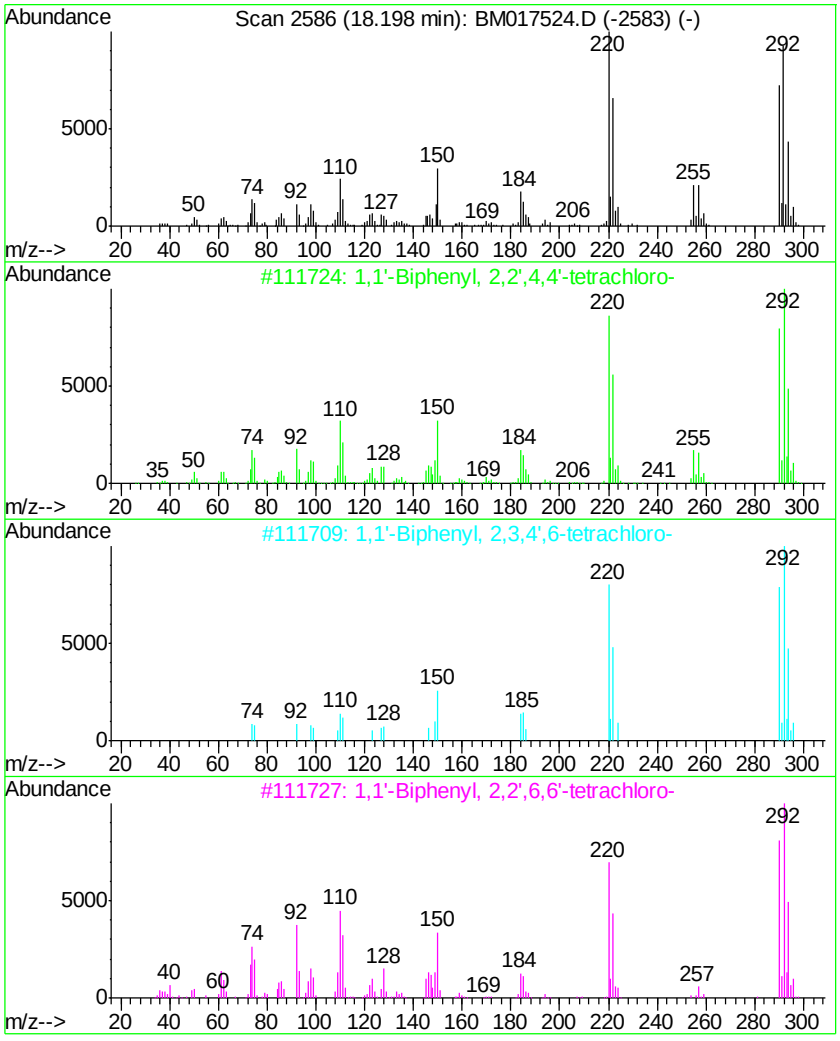
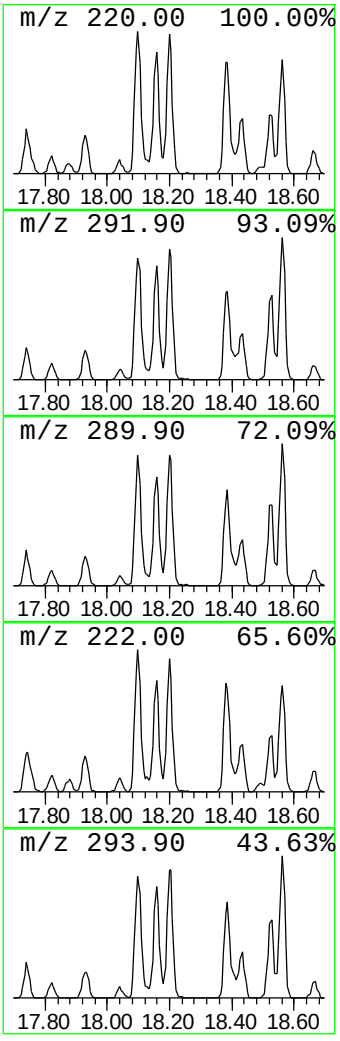
Peak Number 18 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	4.05 ng/ul	951452	Phenanthrene-d10	17.02

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, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	98





Library Search Compound Report

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Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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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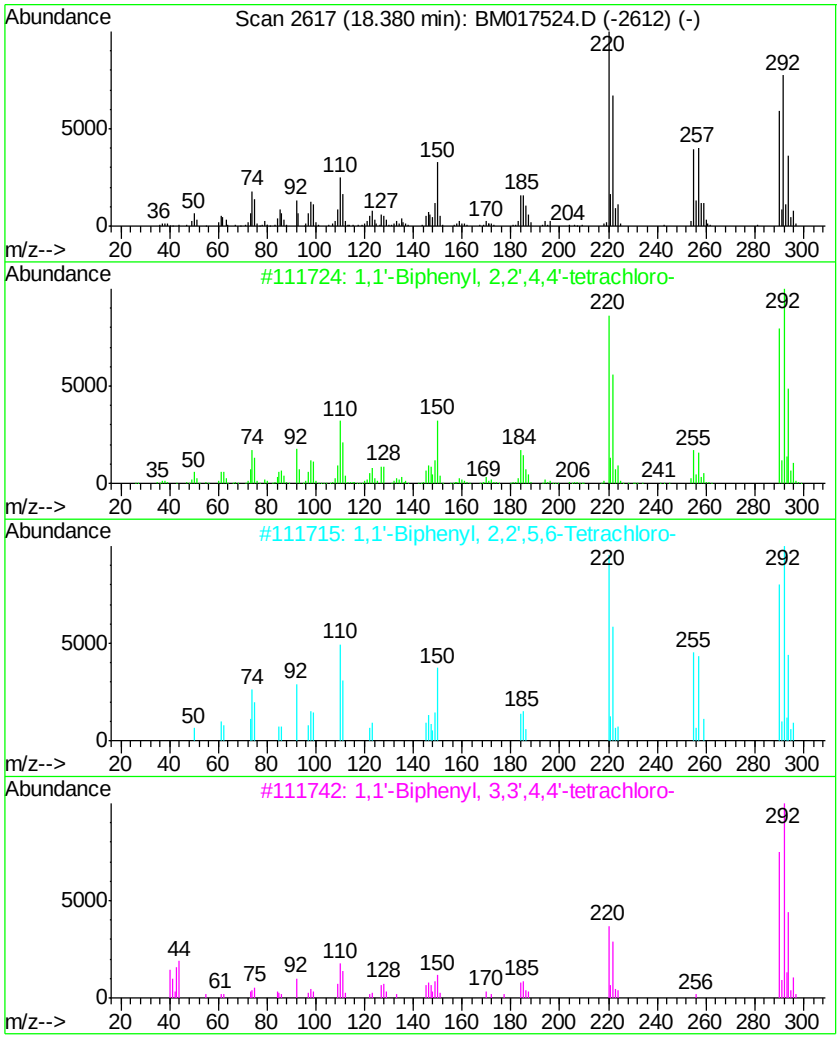
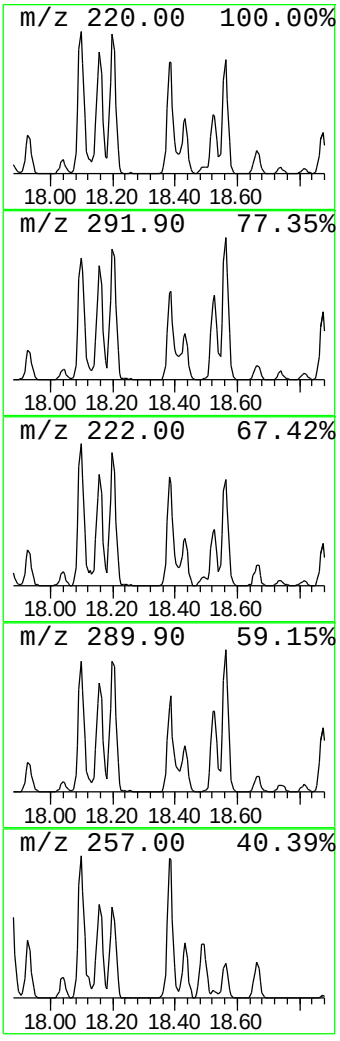
Peak Number 19 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.90 ng/ul	917088	Phenanthrene-d10	17.02

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, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99





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Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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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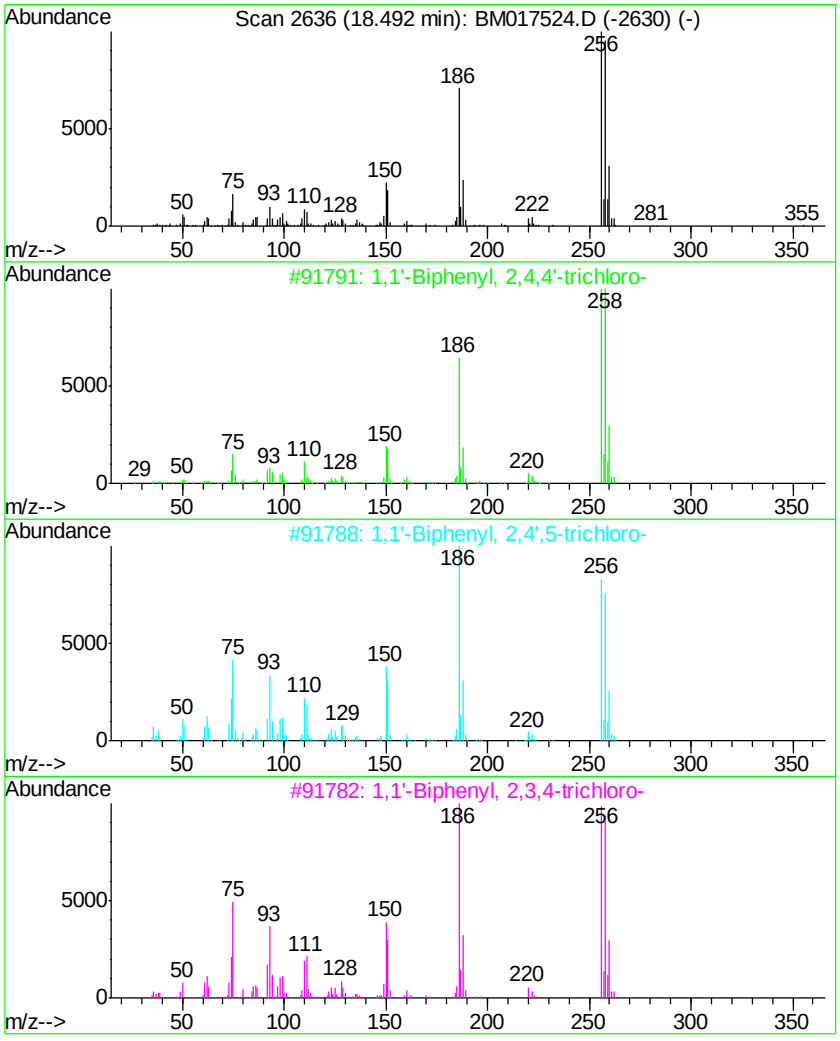
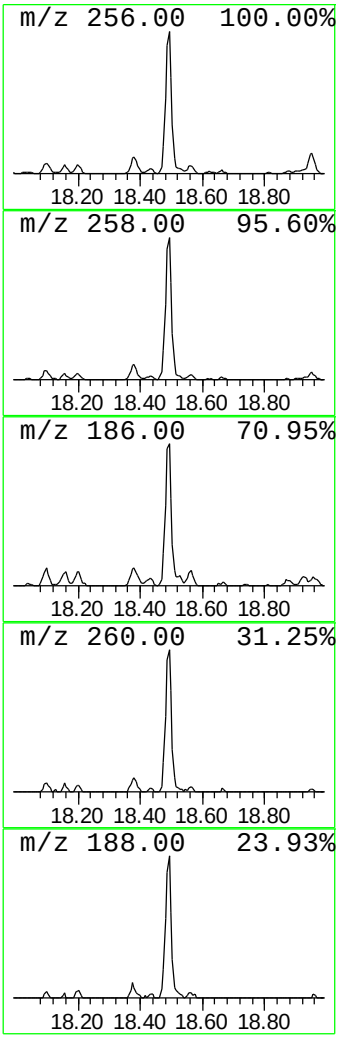
Peak Number 20 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	2.97 ng/ul	698943	Phenanthrene-d10	17.02

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, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
3	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	98





Library Search Compound Report

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Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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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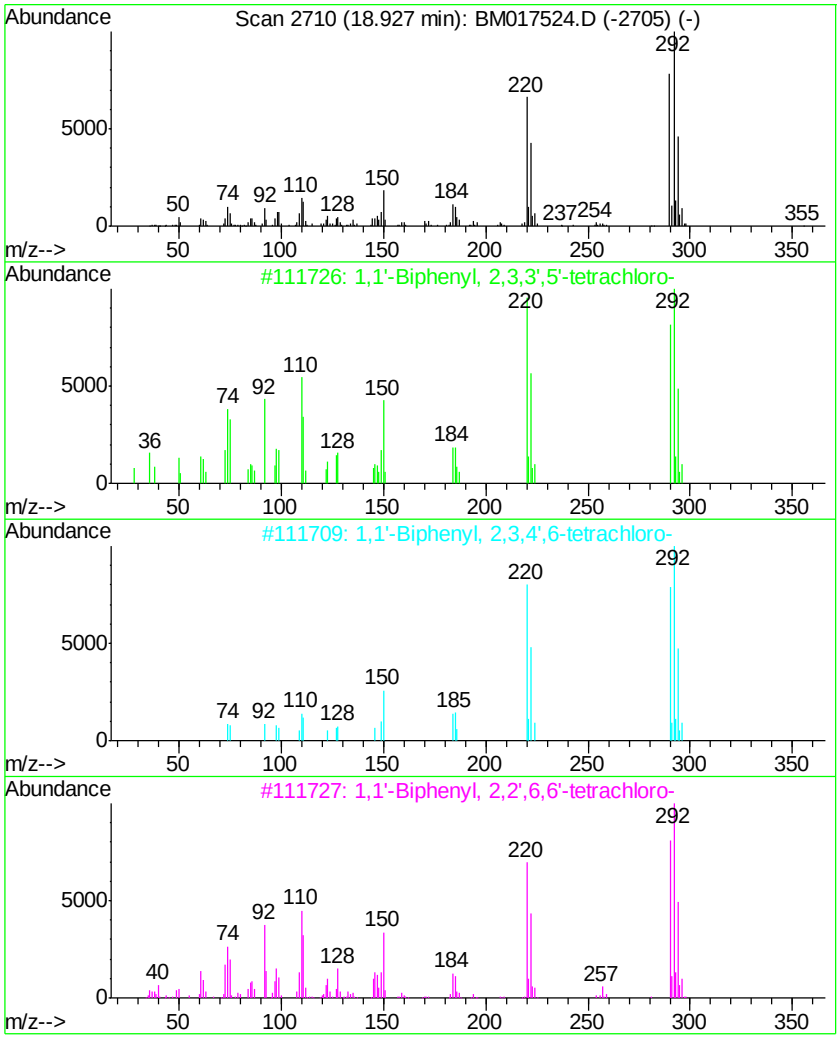
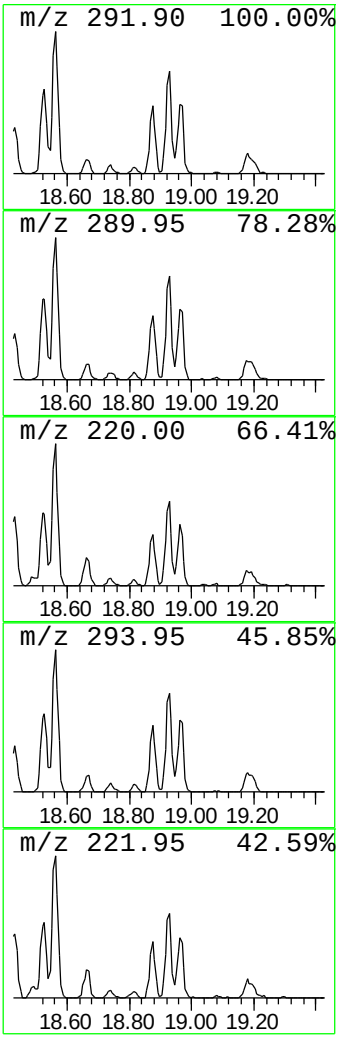
Peak Number 22 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.48 ng/ul	582774	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	98





Library Search Compound Report

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Data File : BM017524.D
Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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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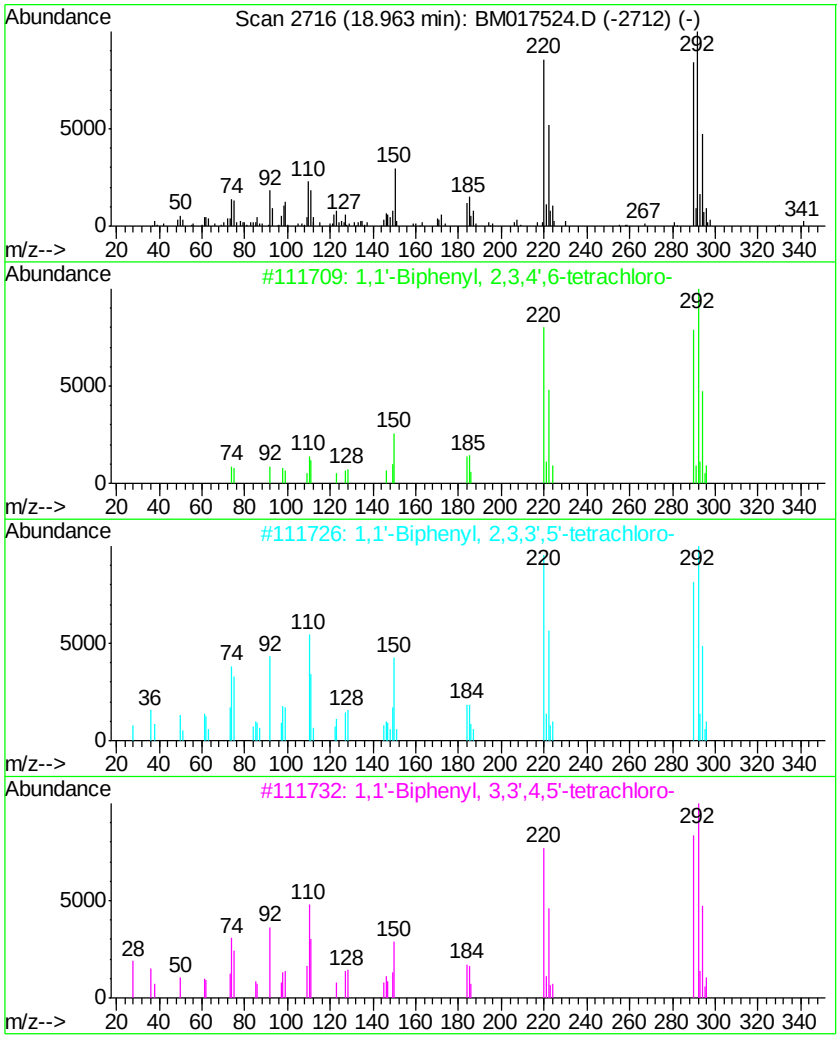
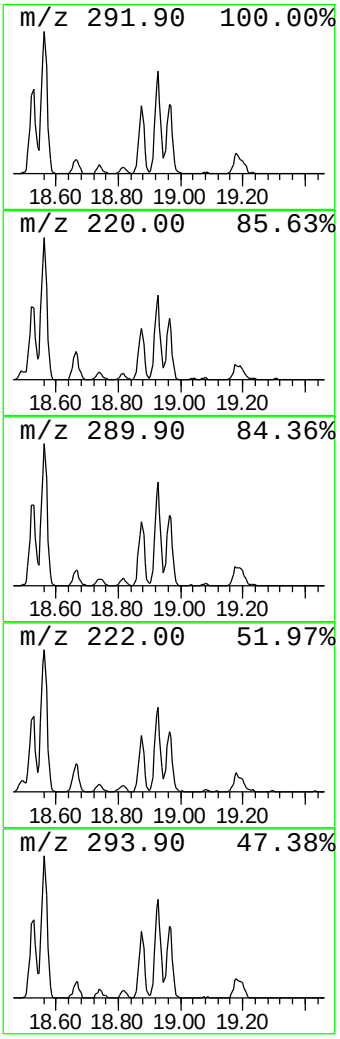
Peak Number 23 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	2.32 ng/ul	545933	Phenanthrene-d10	17.02

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, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	97
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	96
5	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	96





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Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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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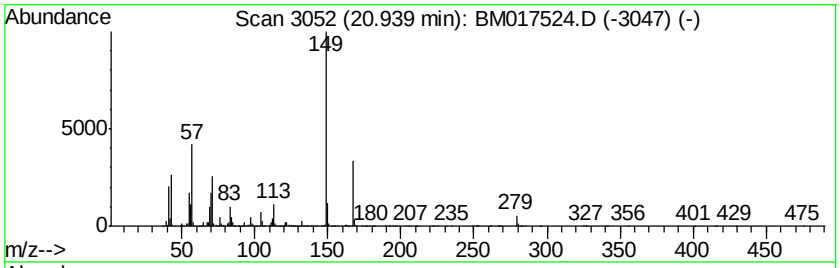
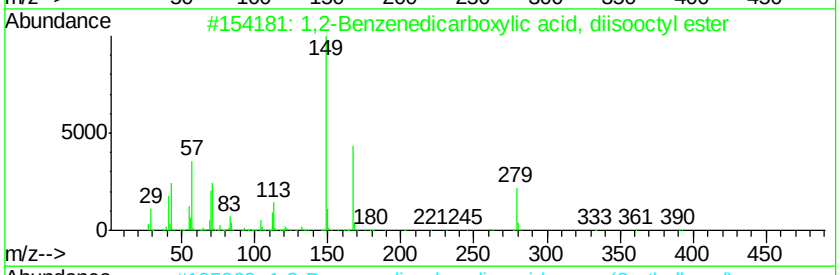
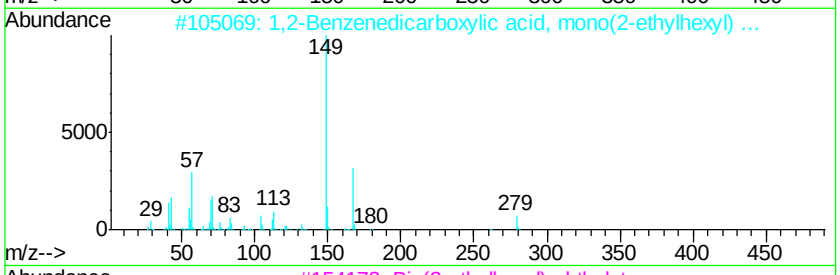
Peak Number 24 1,2-Benzenedicarboxylic aci... Concentration Rank 5

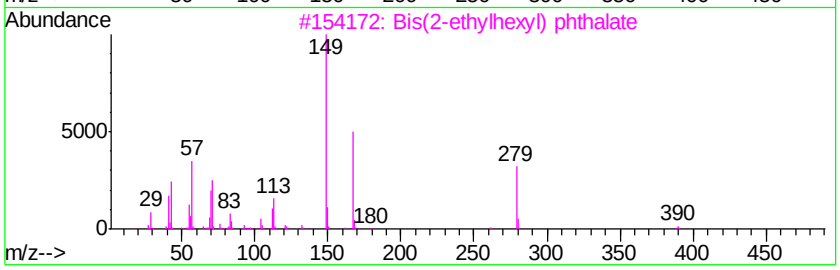
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	17.60 ng/ul	3717600	Chrysene-d12	21.22

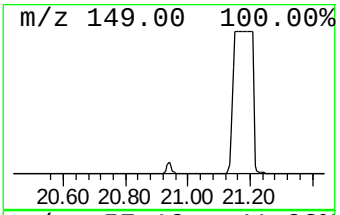
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	90
2	1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	87
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	83
4	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	64
5	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	59

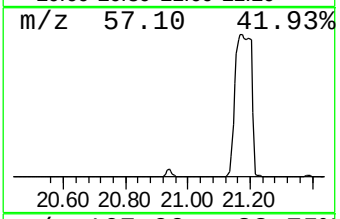


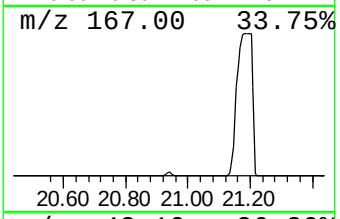


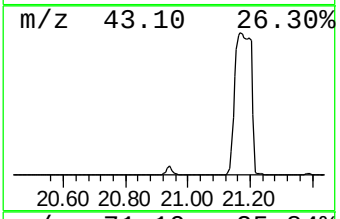


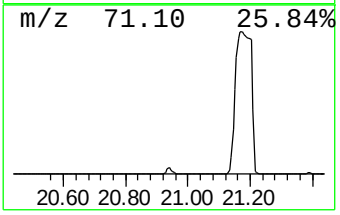












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Data File : BM017524.D
Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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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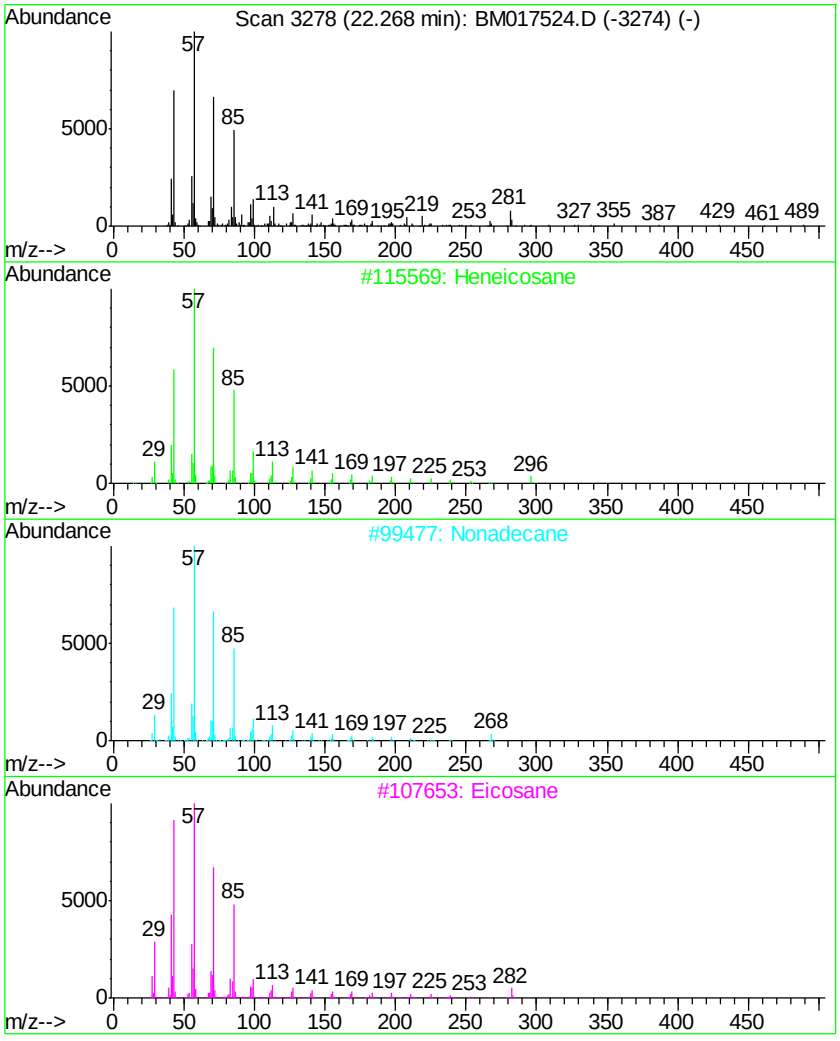
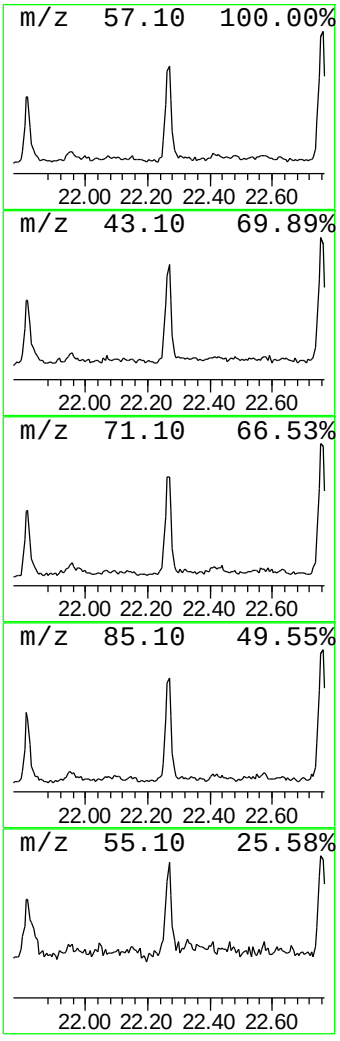
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	2.00 ng/ul	422835	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Nonadecane	268	C19H40	000629-92-5	93
3	Eicosane	282	C20H42	000112-95-8	93
4	Heptacosane	380	C27H56	000593-49-7	90
5	Octacosane	394	C28H58	000630-02-4	90





Library Search Compound Report

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Data File : BM017524.D
Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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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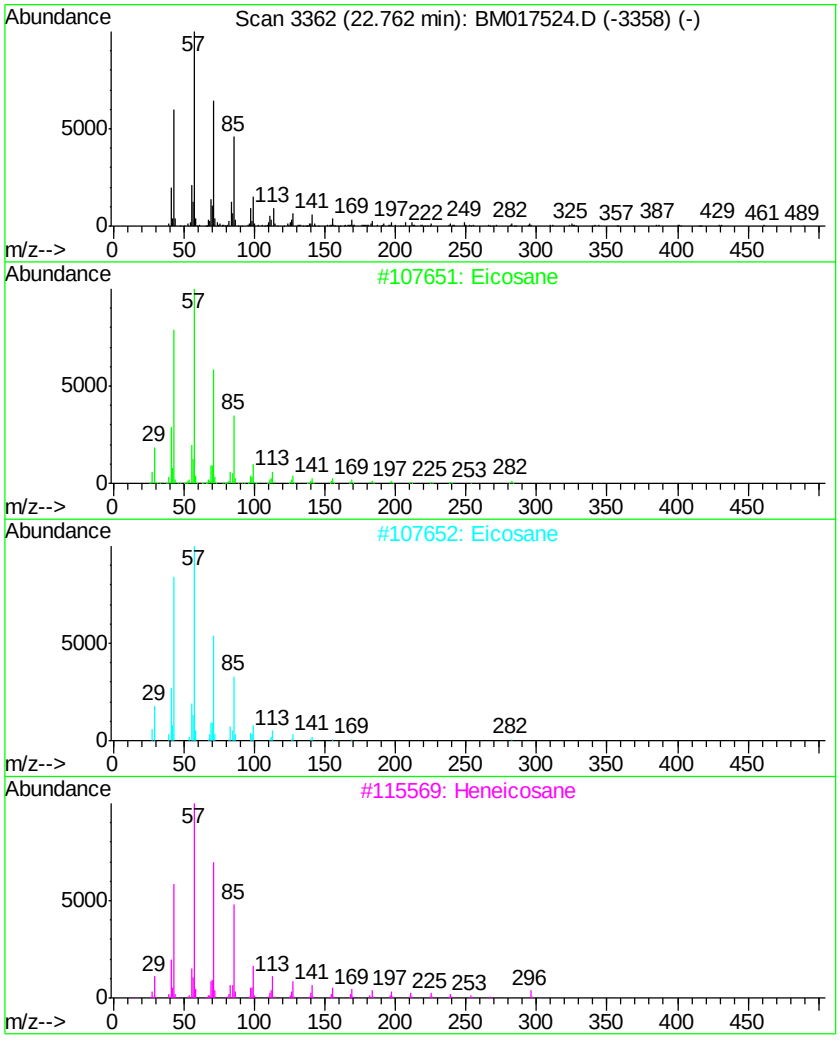
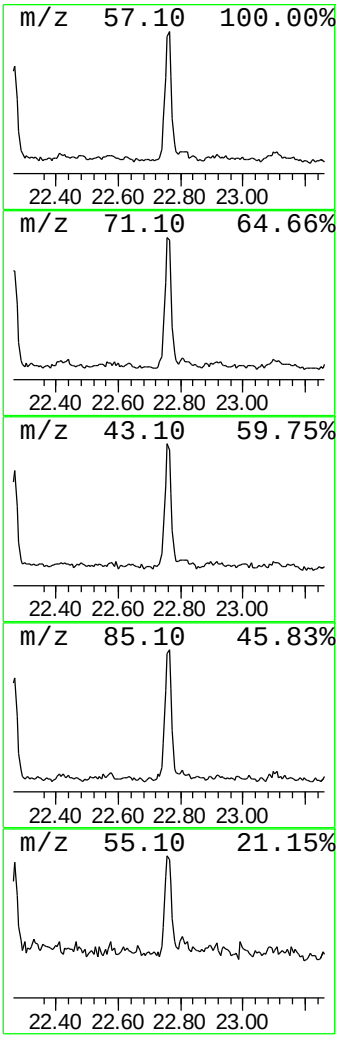
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	2.04 ng/ul	509085	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Eicosane	282	C20H42	000112-95-8	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Nonacosane	408	C29H60	000630-03-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110618\
Data File : BM017524.D
Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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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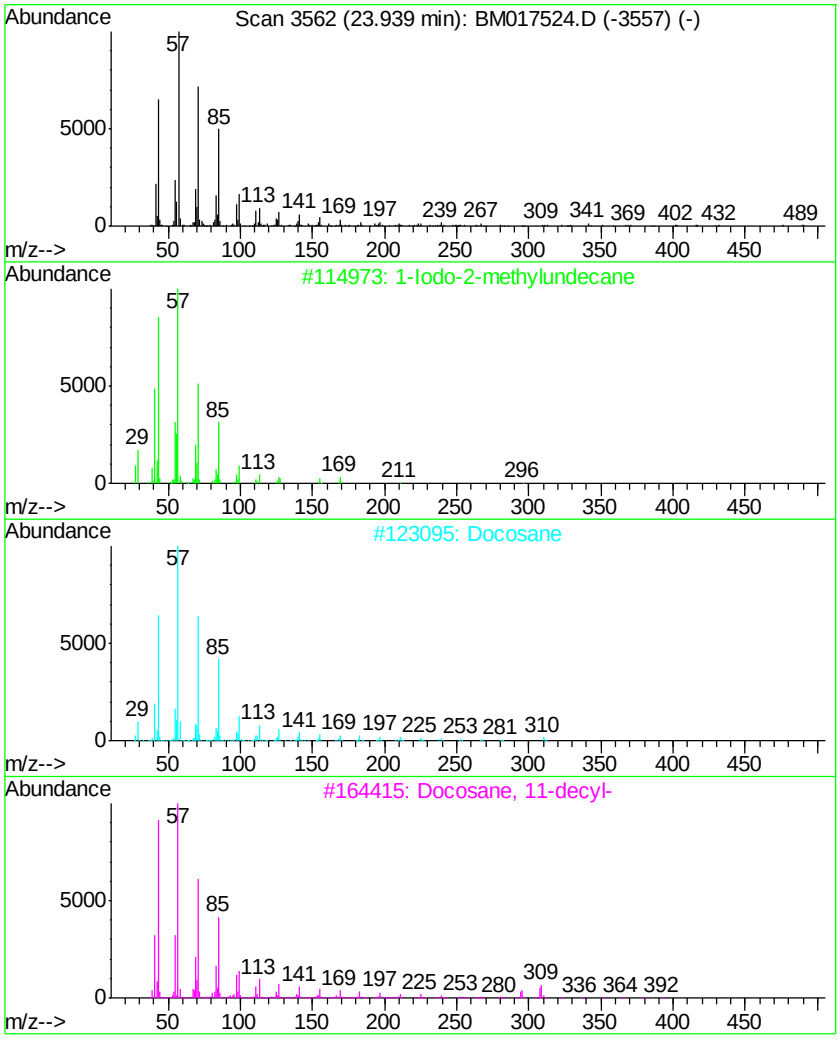
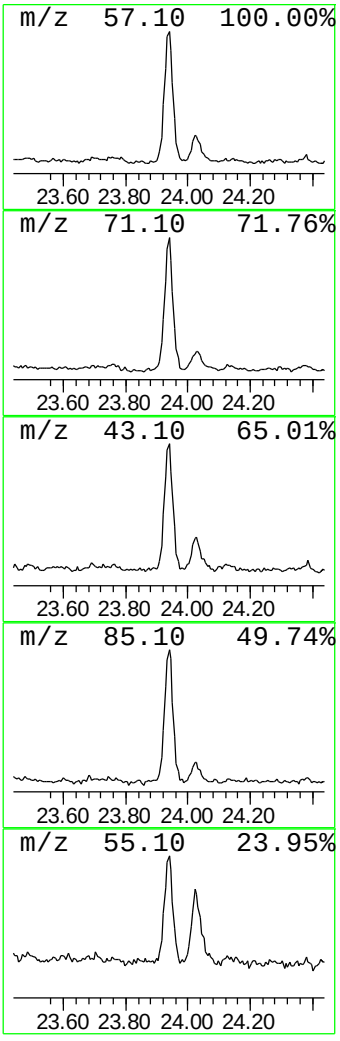
Peak Number 27 1-Iodo-2-methylundecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	3.06 ng/ul	765347	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
2	Docosane	310	C22H46	000629-97-0	87
3	Docosane, 11-decyl-	451	C32H66	055401-55-3	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Octadecane	254	C18H38	000593-45-3	87





Library Search Compound Report

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Data File : BM017524.D
Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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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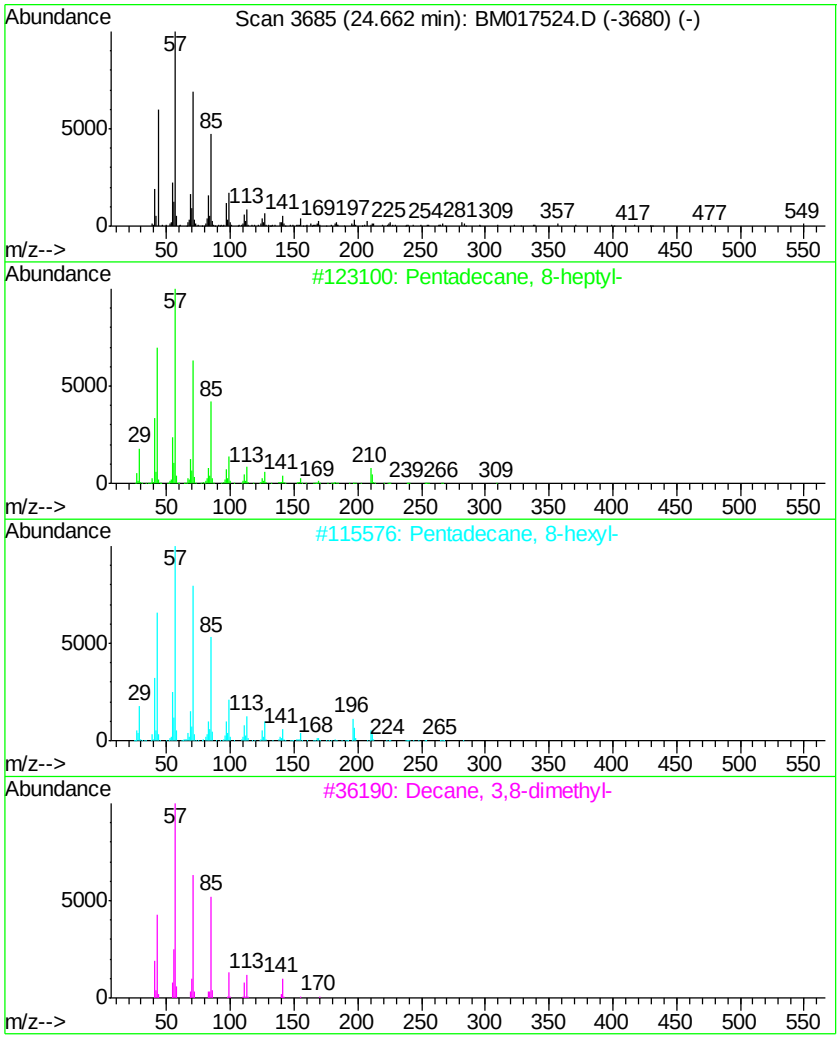
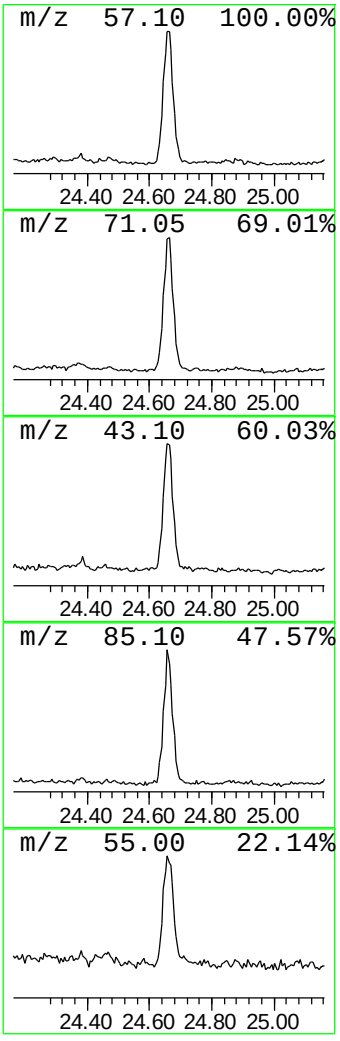
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.66	2.89 ng/ul	720922	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
4	Heneicosane	296	C21H44	000629-94-7	83
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80





Tentatively Identified Compound (LSC) summary

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Data File : BM017524.D
Acq On : 06 Nov 2018 11:45
Operator : MJ/SJ
Sample : J5704-03ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40F8ME

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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
2,2'-Dimethylbiph...	15.12	2.8	ng/ul	405852	3	14.27	2910860	20.0
9H-Fluorene, 9-me...	15.49	6.6	ng/ul	956531	3	14.27	2910860	20.0
1,1'-Biphenyl, 2,...	15.53	29.1	ng/ul	4230750	3	14.27	2910860	20.0
1,1'-Biphenyl, 4-...	15.57	335.0	ng/ul	48757800	3	14.27	2910860	20.0
1,1'-Biphenyl, 2,...	16.26	13.5	ng/ul	3175650	4	17.02	4704260	20.0
1,1'-Biphenyl, 2,...	16.56	3.0	ng/ul	695749	4	17.02	4704260	20.0
1,1'-Biphenyl, 2'...	16.94	7.5	ng/ul	1760470	4	17.02	4704260	20.0
1,1'-Biphenyl, 2,...	17.20	6.6	ng/ul	1545780	4	17.02	4704260	20.0
1,1'-Biphenyl, 2,...	17.48	2.0	ng/ul	479716	4	17.02	4704260	20.0
unknown-01	17.75	5.5	ng/ul	1282190	4	17.02	4704260	20.0
unknown-02	17.87	4.3	ng/ul	999280	4	17.02	4704260	20.0
1,1'-Biphenyl, 2,...	17.93	2.9	ng/ul	686440	4	17.02	4704260	20.0
1,1'-Biphenyl, 2,...	18.10	4.7	ng/ul	1114820	4	17.02	4704260	20.0
1,1'-Biphenyl, 2,...	18.16	3.7	ng/ul	873177	4	17.02	4704260	20.0
1,1'-Biphenyl, 2,...	18.20	4.0	ng/ul	951452	4	17.02	4704260	20.0
1,1'-Biphenyl, 3,...	18.38	3.9	ng/ul	917088	4	17.02	4704260	20.0
1,1'-Biphenyl, 2,...	18.49	3.0	ng/ul	698943	4	17.02	4704260	20.0
1,1'-Biphenyl, 2,...	18.93	2.5	ng/ul	582774	4	17.02	4704260	20.0
1,1'-Biphenyl, 2,...	18.96	2.3	ng/ul	545933	4	17.02	4704260	20.0
1,2-Benzenedicarb...	20.94	17.6	ng/ul	3717600	5	21.22	4224500	20.0
(DEL) Alkane: Str...	22.27	2.0	ng/ul	422835	5	21.22	4224500	20.0
(DEL) Alkane: Str...	22.76	2.0	ng/ul	509085	6	23.42	4996740	20.0
1-Iodo-2-methylun...	23.94	3.1	ng/ul	765347	6	23.42	4996740	20.0
(DEL) Alkane: Str...	24.66	2.9	ng/ul	720922	6	23.42	4996740	20.0