LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017489.D
Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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	6.822	642	652	666	rBV	886078	1633133	0.73%	0.303%
2	6.987	673	680	689	rBV	723944	1138831	0.51%	0.211%
3	7.175	704	712	721	rBV	941756	1509535	0.68%	0.280%
4	7.640	784	791	800	rBV	892945	1479463	0.66%	0.274%
5	8.345	904	911	925	rBV	1130231	1905924	0.86%	0.353%
6	8.792	980	987	1002	rBV	927207	1538143	0.69%	0.285%
7	9.504	1101	1108	1125	rBV	774143	1316822	0.59%	0.244%
8	10.039	1192	1199	1220	rBV	1050534	1993927	0.90%	0.369%
9	10.410	1254	1262	1270	rBV	1401306	2318728	1.04%	0.430%
10	10.557	1280	1287	1305	rBV	1073688	2104312	0.94%	0.390%
11	12.686	1644	1649	1656	rVB	175439	234743	0.11%	0.043%
12	12.927	1685	1690	1694	rBV	175891	232159	0.10%	0.043%
13	13.698	1814	1821	1826	rBV	2340600	3432644	1.54%	0.636%
14	13.745	1826	1829	1836	rVB	230048	332404	0.15%	0.062%
15	13.969	1857	1867	1880	rBV	2795684	4249575	1.91%	0.787%
16	14.280	1913	1920	1924	rBV2	2150622	3303806	1.48%	0.612%
17	14.510	1953	1959	1987	rBV	573772	1549138	0.70%	0.287%
18	15.233	2075	2082	2085	rBV2	214115	322126	0.14%	0.060%
19	15.280	2085	2090	2096	rVV	3758670	5410162	2.43%	1.002%
20	15.333	2096	2099	2105	rVV	222497	325245	0.15%	0.060%
21	15.410	2107	2112	2121	rVV	1056427	1540900	0.69%	0.285%
22	15.492	2121	2126	2129	rVV	244954	369278	0.17%	0.068%
23	15.545	2129	2135	2137	rVV	6768745	9454731	4.25%	1.751%
24	15.580	2137	2141	2157	rVB	17213728	23434252	10.52%	4.341%
25	15.886	2186	2193	2198	rBV	10441522	14038428	6.30%	2.600%
26	15.933	2198	2201	2205	rVV	160986	231346	0.10%	0.043%
27	15.986	2205	2210	2220	rVB	763468	1055596	0.47%	0.196%
28	16.110	2227	2231	2234	rBV	270573	355516	0.16%	0.066%
29	16.157	2234	2239	2243	rVV	1708791	2394475	1.08%	0.444%
30	16.268	2249	2258	2266	rBV	6520651	9267969	4.16%	1.717%
31	16.568	2302	2309	2315	rBV	2234736	3055987	1.37%	0.566%
32	16.921	2362	2369	2372	rBV	11077338	15868817	7.13%	2.940%
33	16.957	2372	2375	2381	rVB	6214289	7596922	3.41%	1.407%
34	17.027	2381	2387	2392	rBV2	5302740	9001033	4.04%	1.667%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017489.D
Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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	17.139	2400	2406	2412	rVB	4182943	5975794	2.68%	1.107%
36	17.210	2412	2418	2427	rVB	7553927	11584069	5.20%	2.146%
37	17.404	2444	2451	2460	rVB4	166992	332121	0.15%	0.062%
38	17.492	2460	2466	2469	rBV	2539357	3615487	1.62%	0.670%
39	17.521	2469	2471	2477	rVB	1130670	1244291	0.56%	0.230%
40	17.645	2483	2492	2503	rVB	18207745	36088195	16.21%	6.685%
41	17.768	2505	2513	2519	rBV2	8769063	13114616	5.89%	2.429%
42	17.833	2519	2524	2528	rVV	629905	811691	0.36%	0.150%
43	17.886	2528	2533	2538	rVV	5334999	7077991	3.18%	1.311%
44	17.939	2538	2542	2553	rVB	2243406	2980577	1.34%	0.552%
45	18.051	2555	2561	2565	rVV	770764	1029679	0.46%	0.191%
46	18.110	2565	2571	2577	rVV	7174157	9650398	4.33%	1.788%
47	18.168	2577	2581	2585	rVV	5190935	7183216	3.23%	1.331%
48	18.215	2585	2589	2596	rVB	4808352	6339081	2.85%	1.174%
49	18.398	2613	2620	2624	rBV	6062108	8980828	4.03%	1.664%
50	18.445	2624	2628	2632	rVV	2443211	3439107	1.54%	0.637%
51	18.498	2632	2637	2640	rVV	3361770	4243699	1.91%	0.786%
52	18.533	2640	2643	2646	rVV	2222043	3030790	1.36%	0.561%
53	18.574	2646	2650	2656	rVB	5259128	6584004	2.96%	1.220%
54	18.674	2662	2667	2673	rVB	1371761	1791873	0.80%	0.332%
55	18.745	2675	2679	2686	rVB	256560	364083	0.16%	0.067%
56	18.821	2687	2692	2697	rBV2	250232	341876	0.15%	0.063%
57	18.886	2697	2703	2707	rBV	2035461	2709110	1.22%	0.502%
58	18.939	2707	2712	2715	rVV	3084214	4729871	2.12%	0.876%
59	18.974	2715	2718	2726	rVB2	2714331	3760589	1.69%	0.697%
60	19.045	2726	2730	2734	rBV	309374	454085	0.20%	0.084%
61	19.186	2748	2754	2760	rBV	563115	1212799	0.54%	0.225%
62	19.245	2760	2764	2771	rVV2	528287	887637	0.40%	0.164%
63	19.309	2771	2775	2783	rVB2	156555	249880	0.11%	0.046%
64	19.439	2790	2797	2803	rBV	5066426	7264471	3.26%	1.346%
65	19.498	2803	2807	2814	rVB3	144968	231870	0.10%	0.043%
66	19.992	2888	2891	2899	rBV2	175537	302702	0.14%	0.056%
67	20.492	2972	2976	2979	rBV	365076	399180	0.18%	0.074%
68	20.950	3049	3054	3065	rBV	2577211	3438225	1.54%	0.637%
69	21.198	3085	3096	3100	rBV3	72688109	222694352	100.00%	41.252%
70	21.233	3100	3102	3117	rVB	3912704	5180620	2.33%	0.960%
71	21.398	3126	3130	3137	rVB2	643986	766432	0.34%	0.142%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017489.D
Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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

72	21.821	3199	3202	3208	rBV	649866	936640	0.42%	0.174%
73	22.280	3276	3280	3286	rBV	682800	888413	0.40%	0.165%
74	22.774	3360	3364	3369	rVB	687126	958095	0.43%	0.177%
75	23.297	3447	3453	3465	rVB	3528392	7730408	3.47%	1.432%
76	23.439	3471	3477	3484	rVB	2282456	4185434	1.88%	0.775%
77	23.956	3561	3565	3572	rVB	623614	1063419	0.48%	0.197%

Sum of corrected areas: 539843768

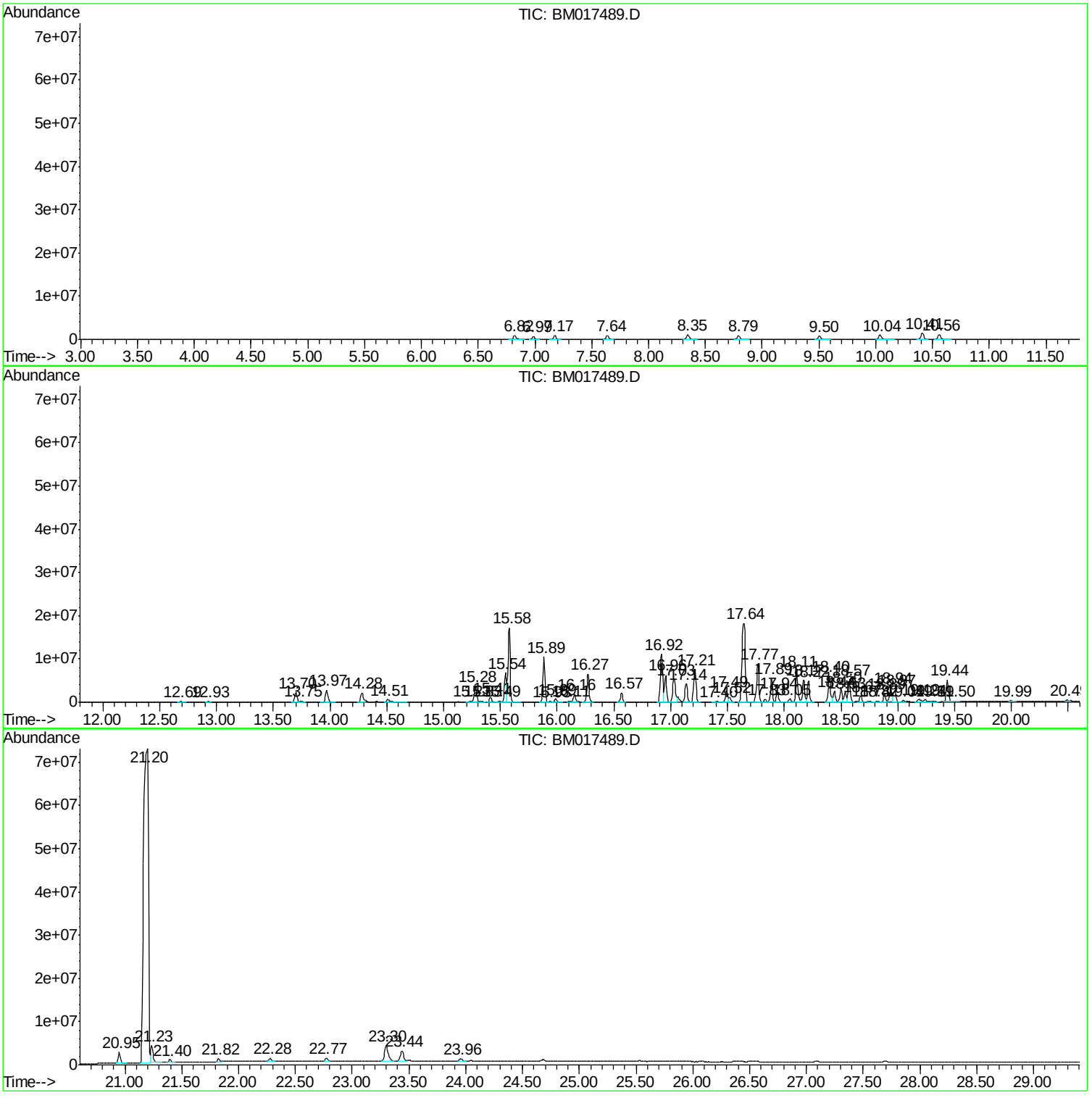
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017489.D
Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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\BM110218\
Data File : BM017489.D
Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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

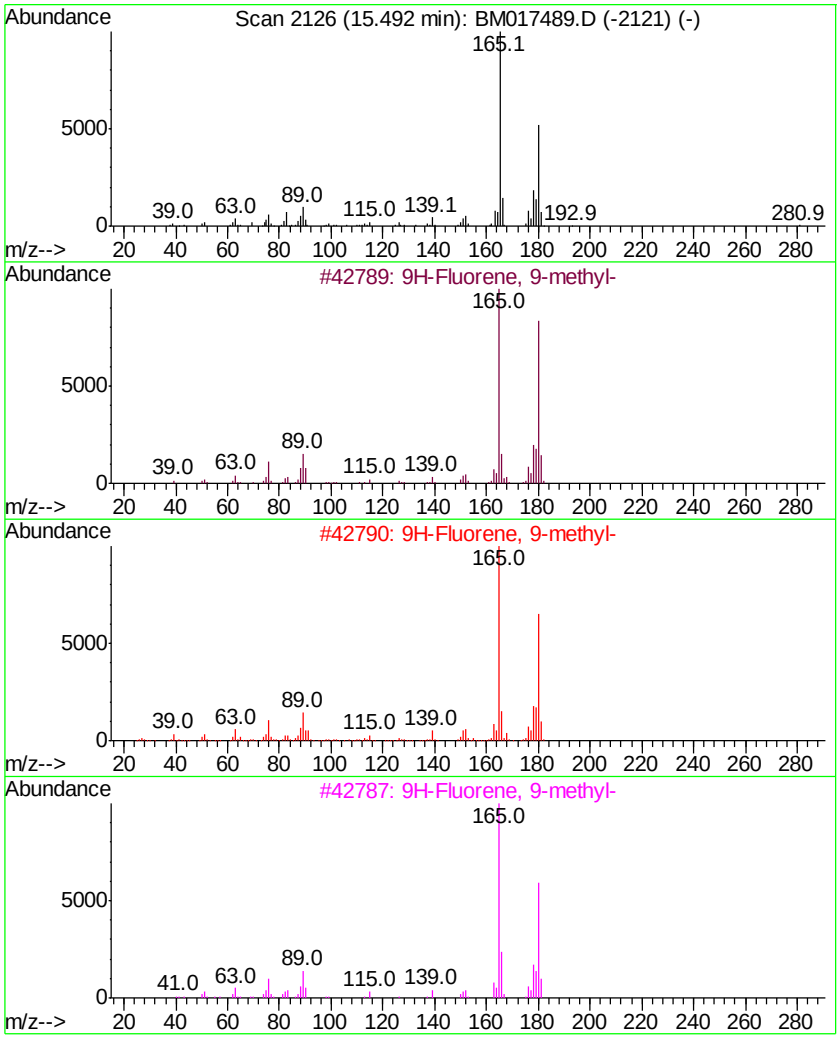
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

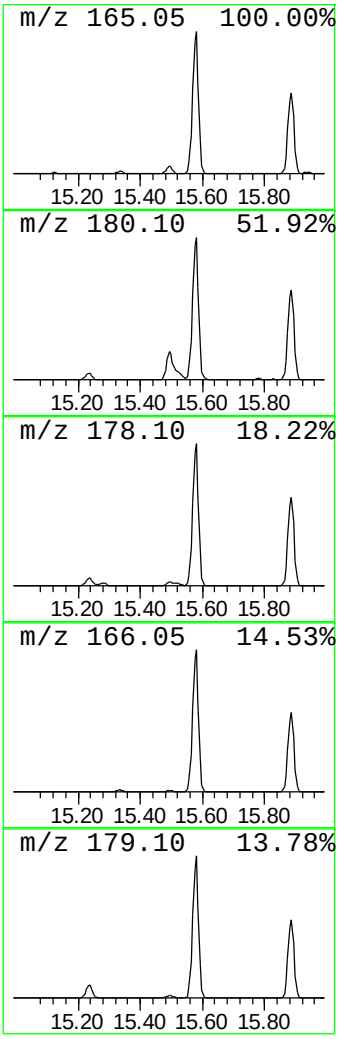
****

Peak Number 1 9H-Fluorene, 9-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.24 ng/ul	369278	Acenaphthene-d10	14.28

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	91
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017489.D
Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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

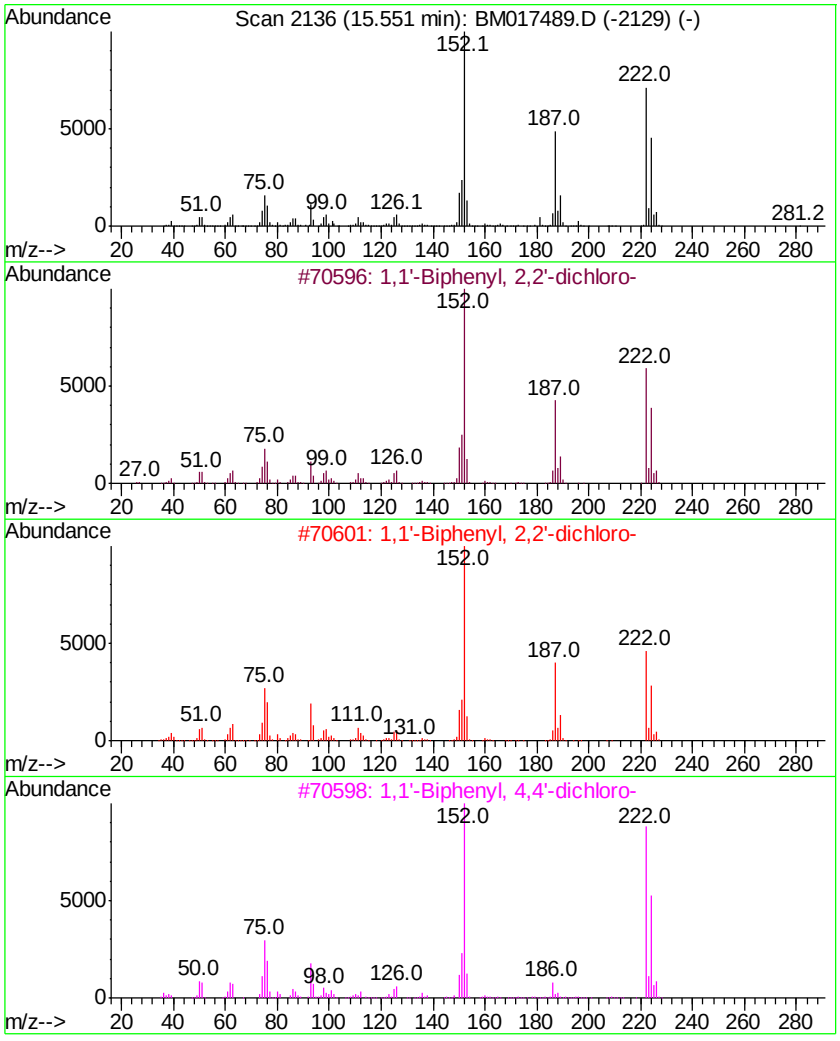
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

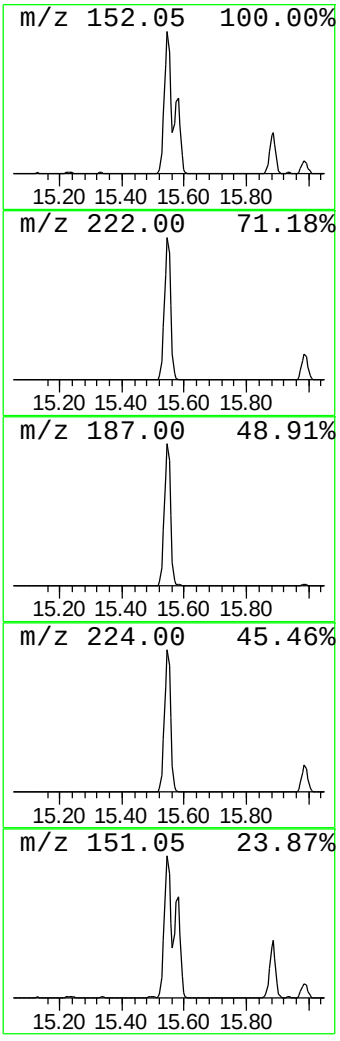
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	57.24 ng/ul	9454730	Acenaphthene-d10	14.28

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, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	95
5	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017489.D
Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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

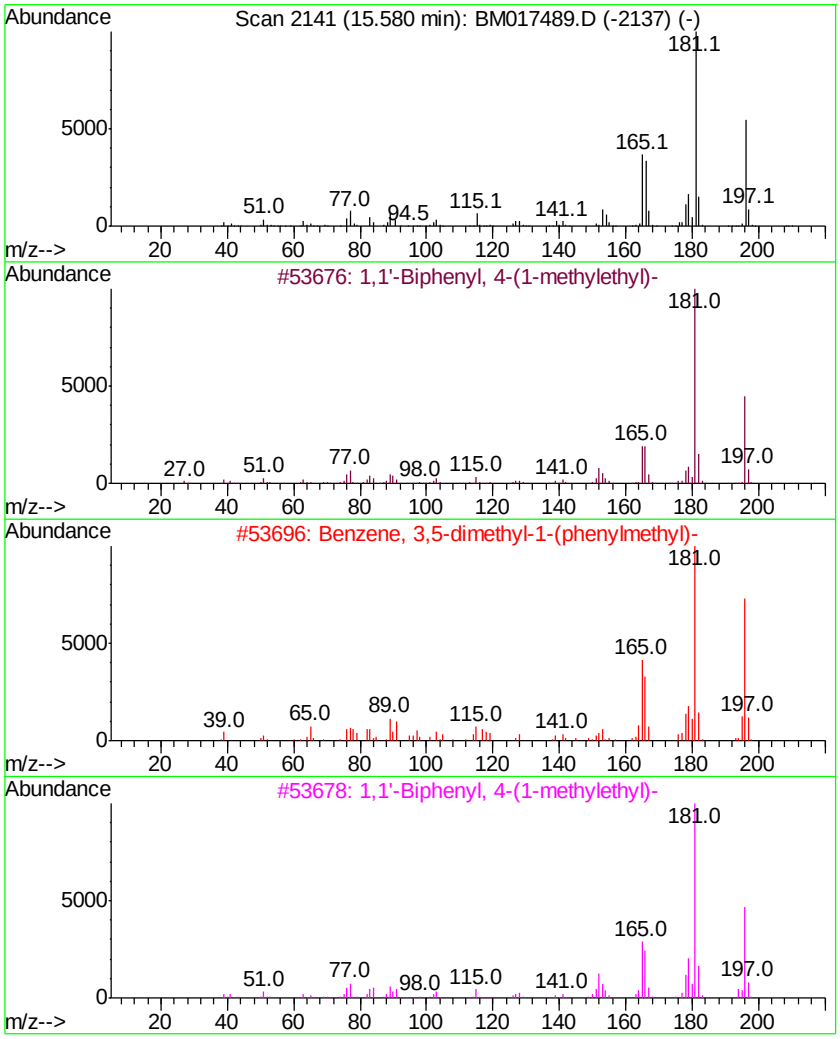
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

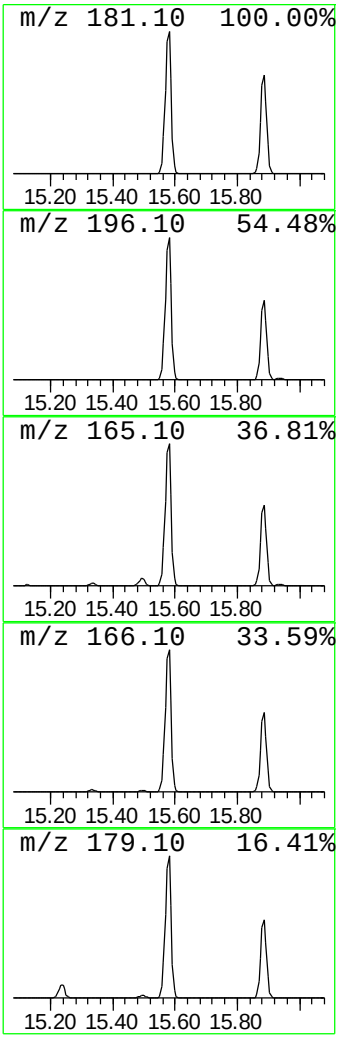
****

Peak Number 3 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	141.86 ng/ul	23434300	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	95
2	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	94
3	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	91
4	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	91
5	Benzene, 1-methyl-2-[(4-methylph...	196	C15H16	021895-17-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017489.D
Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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

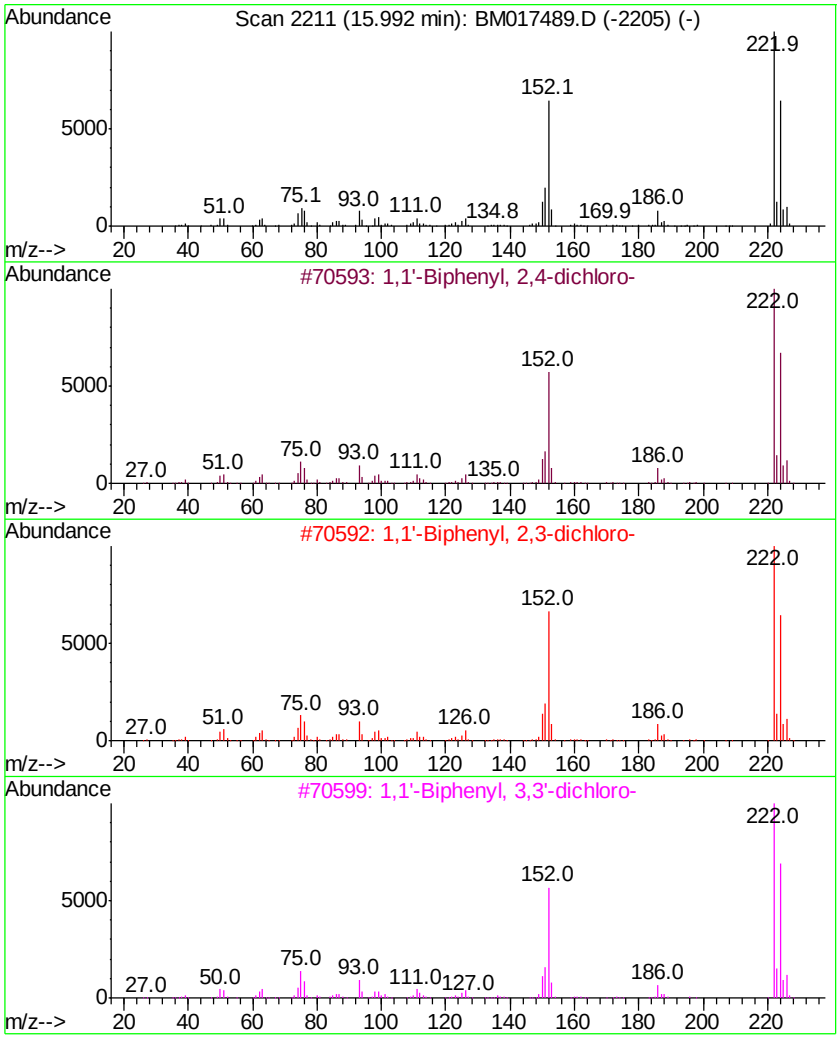
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

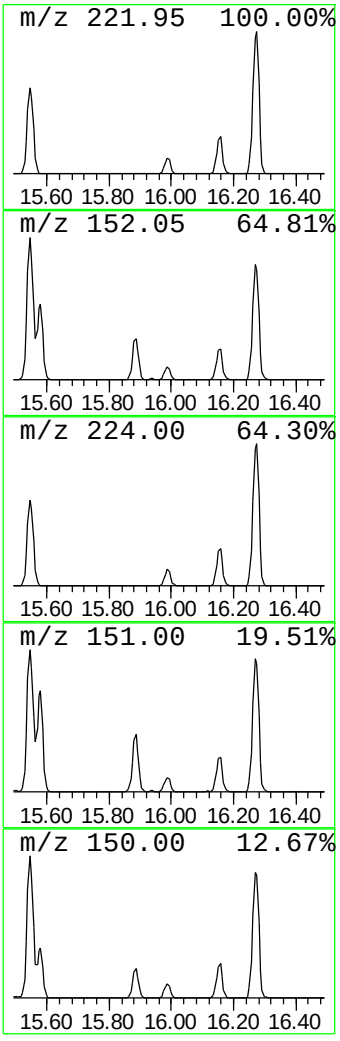
****

Peak Number 5 1,1'-Biphenyl, 2,4-dichloro- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	2.35 ng/ul	1055600	Phenanthrene-d10	17.03

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	98
4	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	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\BM110218\
Data File : BM017489.D
Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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

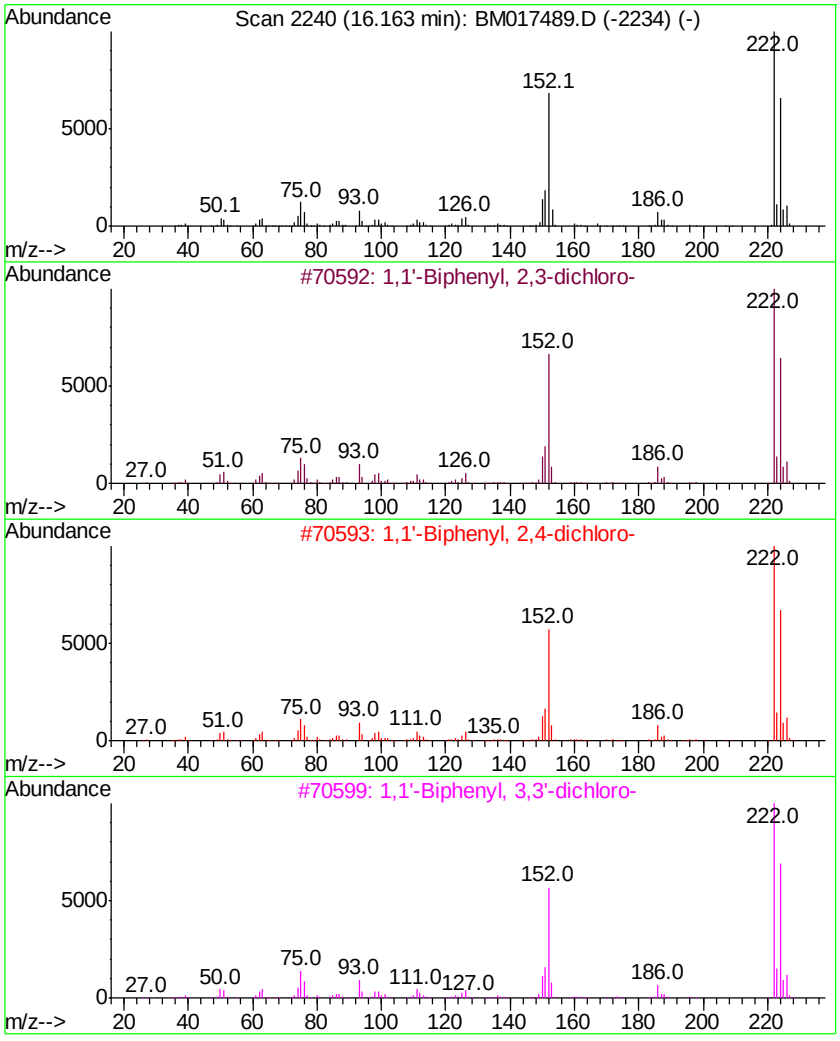
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

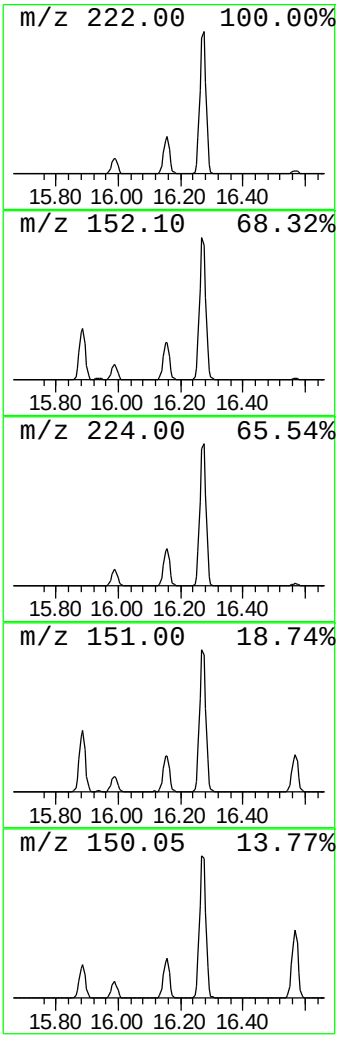
****

Peak Number 6 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	5.32 ng/ul	2394480	Phenanthrene-d10	17.03

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, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98
5	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98





Library Search Compound Report

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Data File : BM017489.D
Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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

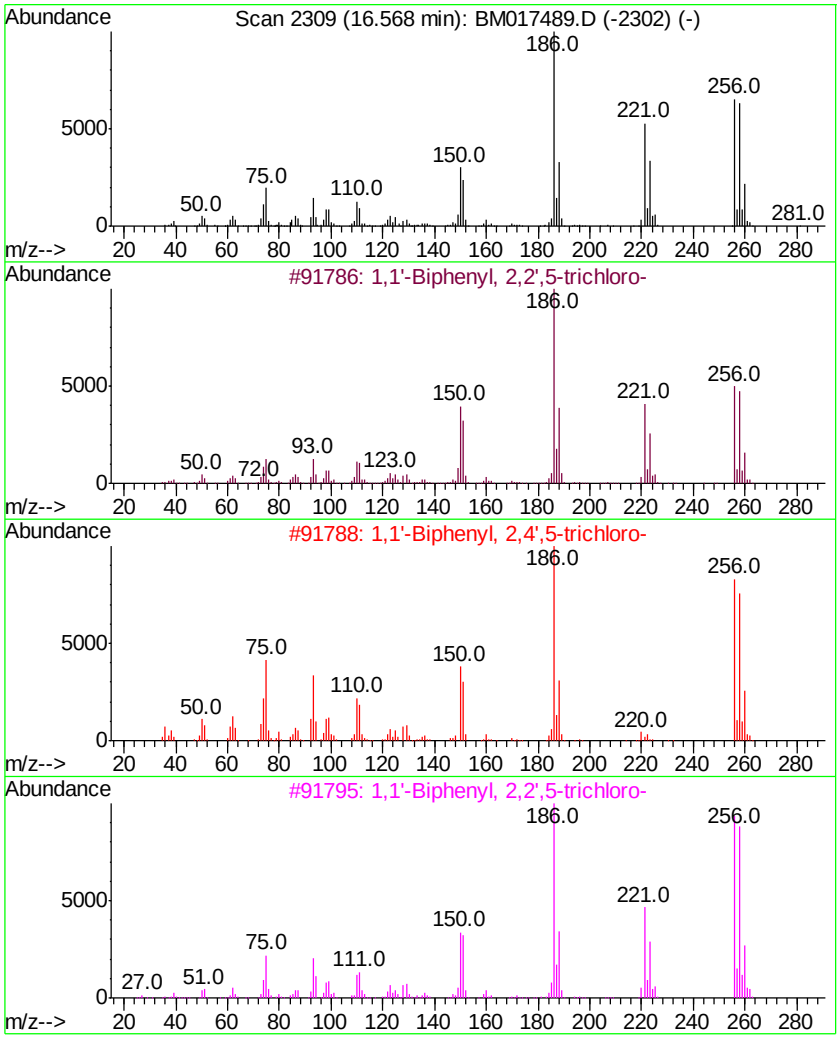
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

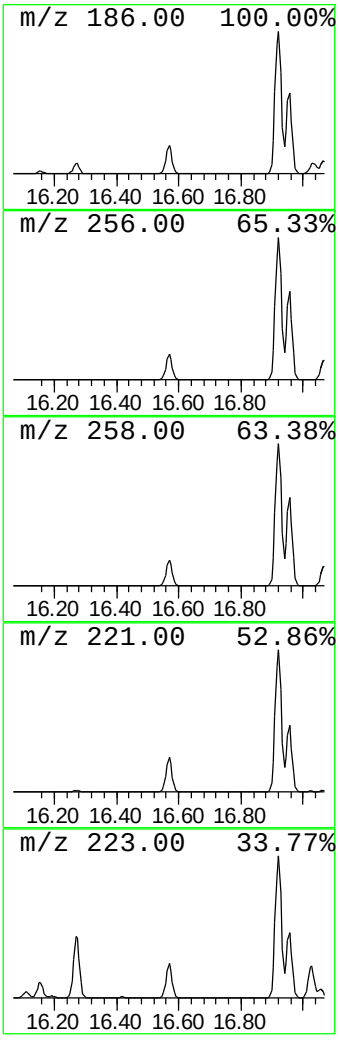
****

Peak Number 8 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	6.79 ng/ul	3055990	Phenanthrene-d10	17.03

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, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	97
4	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	93
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	92





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Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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

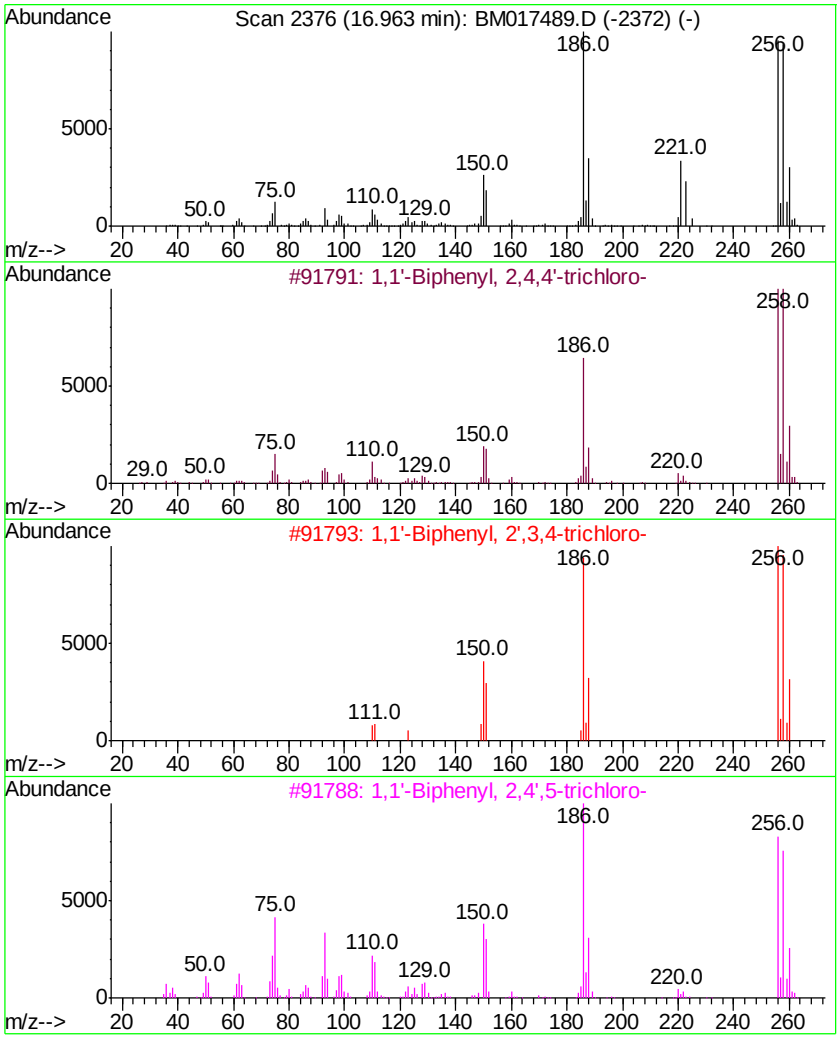
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

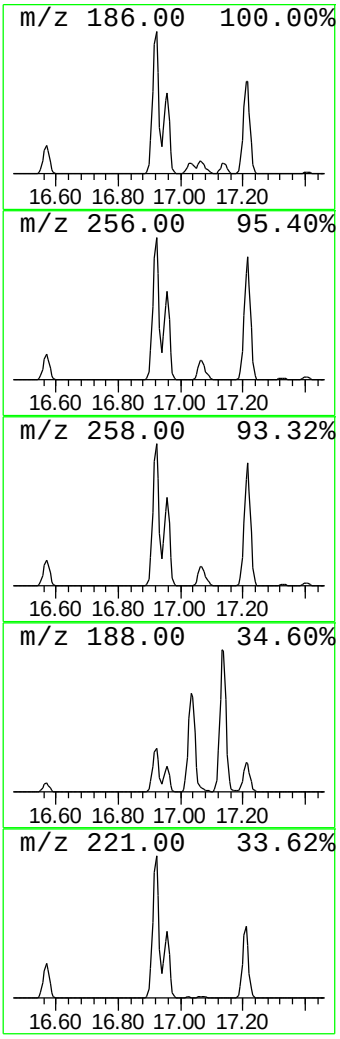
****

Peak Number 10 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	16.88 ng/ul	7596920	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	97
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	97
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	96
4	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	95
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	95





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Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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

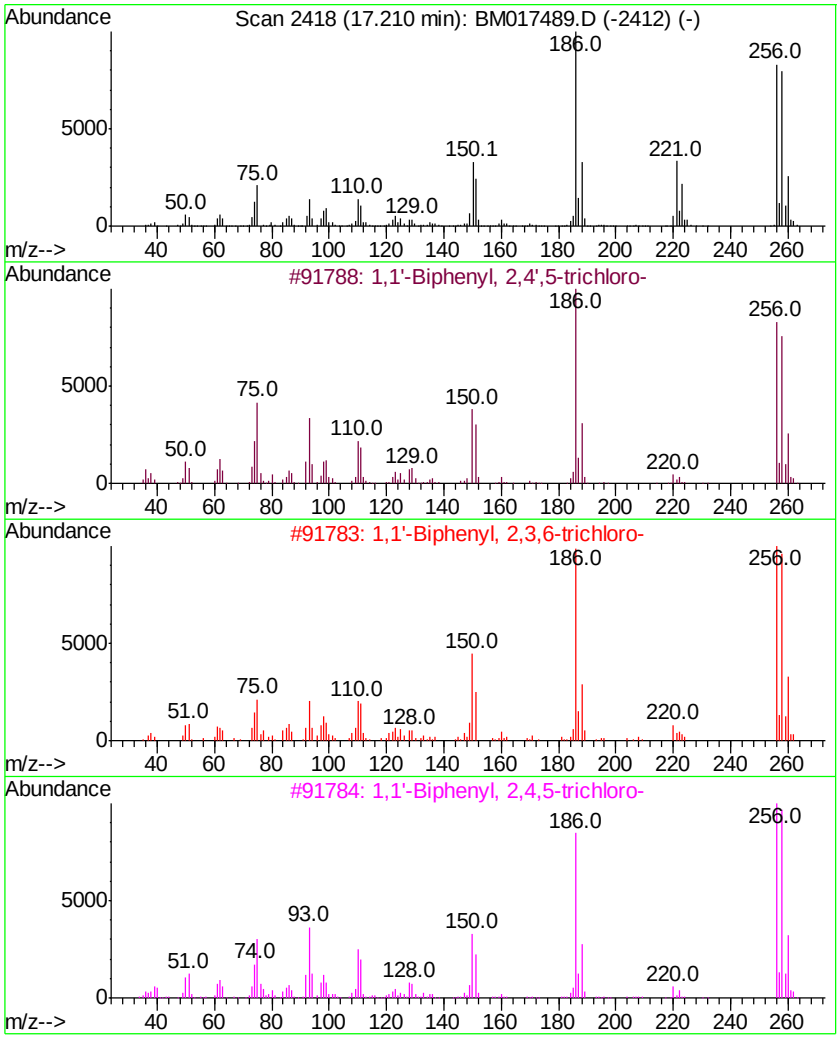
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

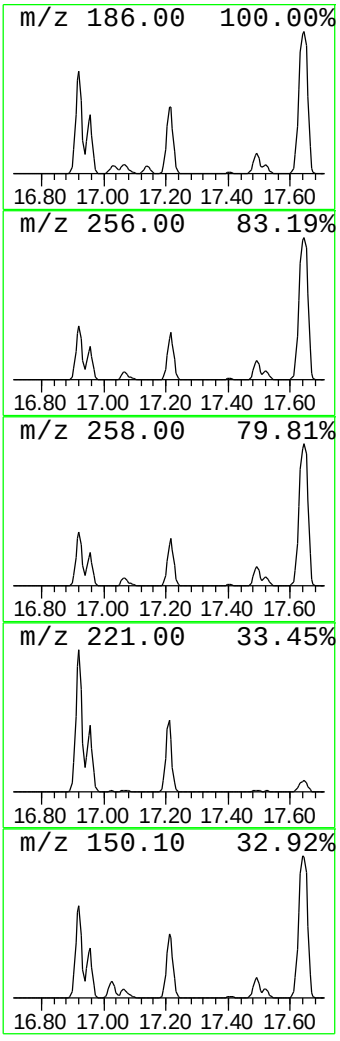
****

Peak Number 11 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	25.74 ng/ul	11584100	Phenanthrene-d10	17.03

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





Library Search Compound Report

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Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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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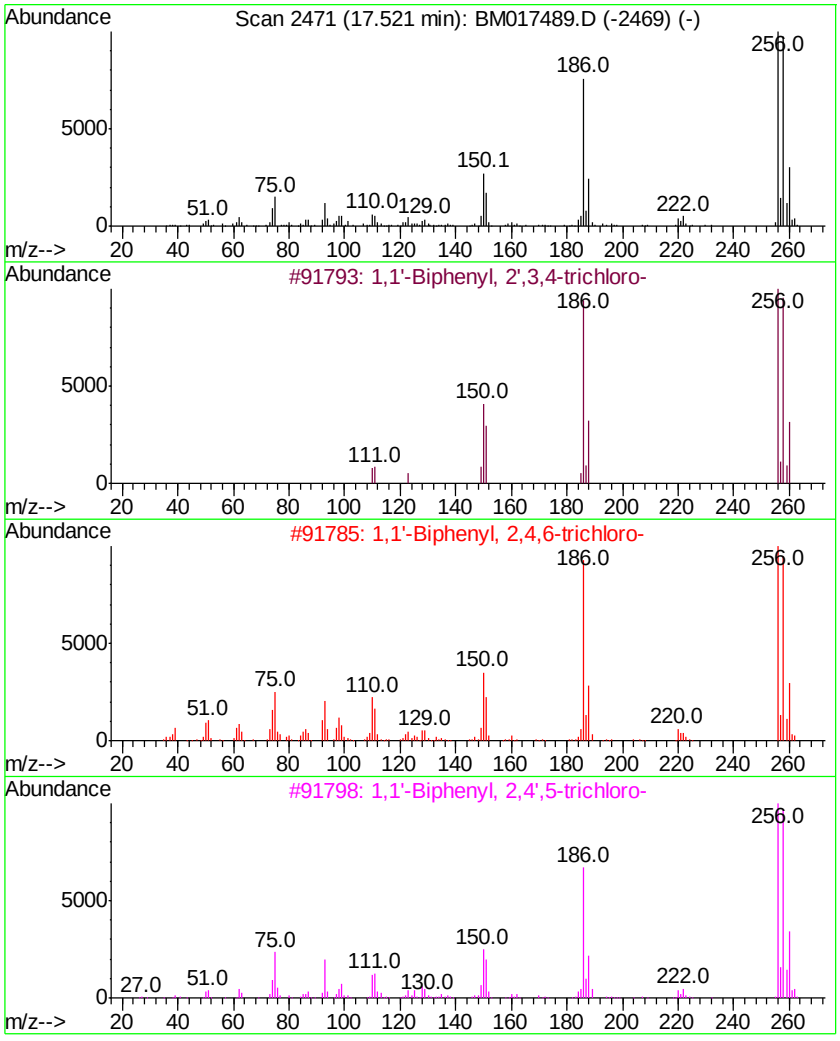
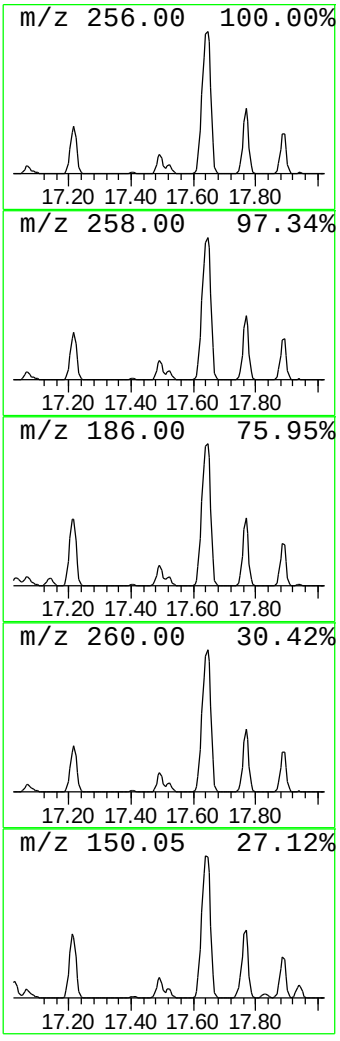
Peak Number 13 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	2.76 ng/ul	1244290	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	97
2	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	94
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	94
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	94
5	1,1'-Biphenyl, 3,4,4'-Trichloro-	256	C12H7Cl3	038444-90-5	94





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Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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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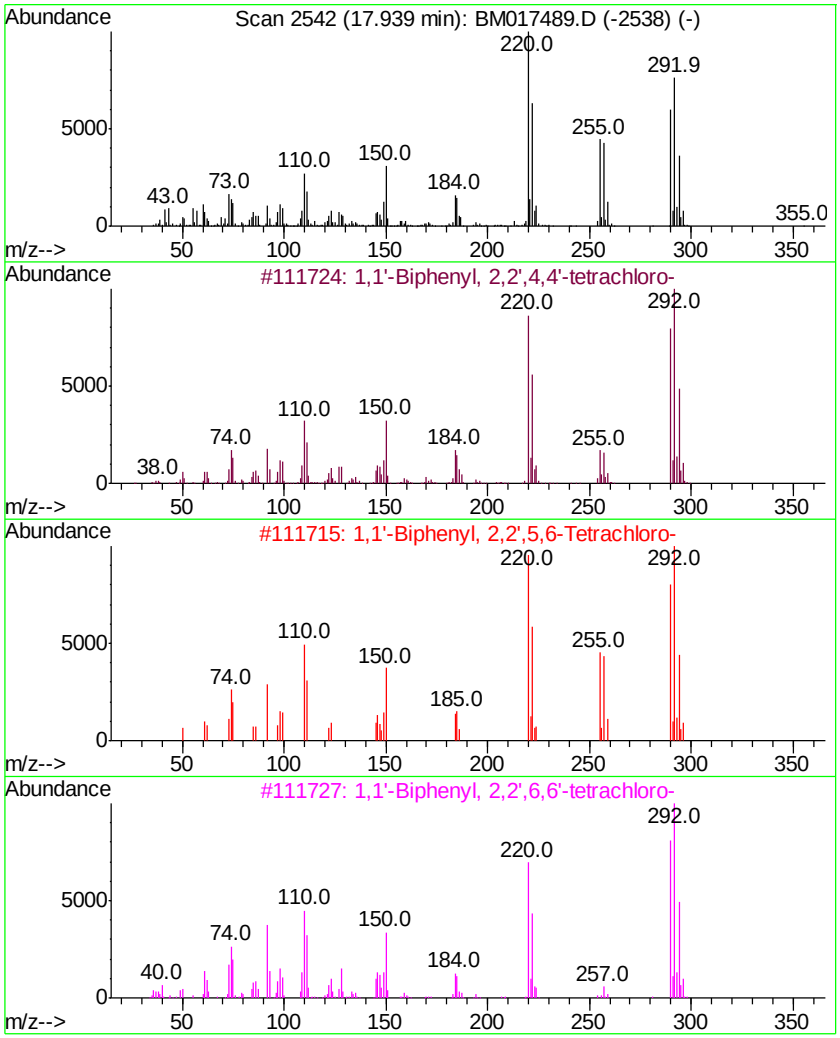
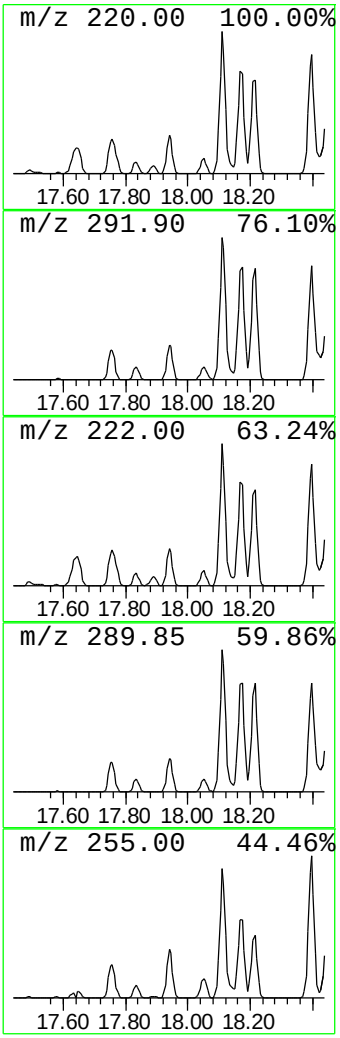
Peak Number 17 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	6.62 ng/ul	2980580	Phenanthrene-d10	17.03

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, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	97





Library Search Compound Report

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Sample : J5701-16ME
Misc :
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Instrument : BNA_M
ClientSampleId : A40G0ME

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Quant Title : SVOA CALIBRATION

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

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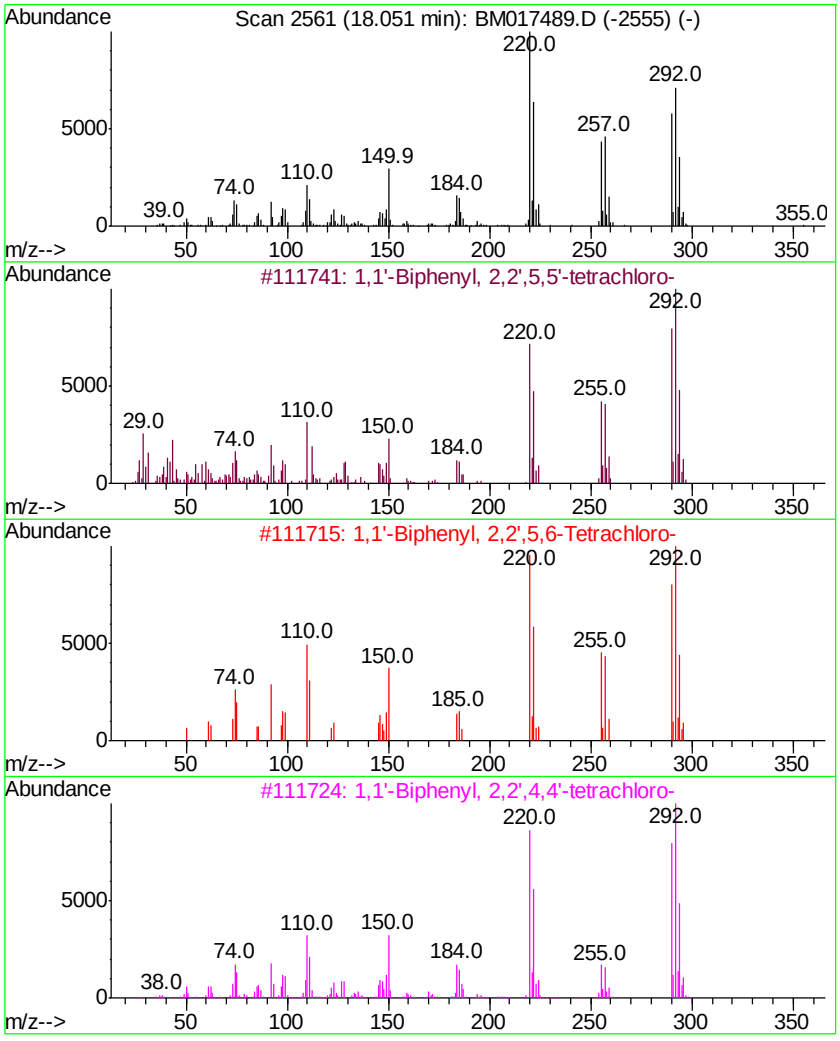
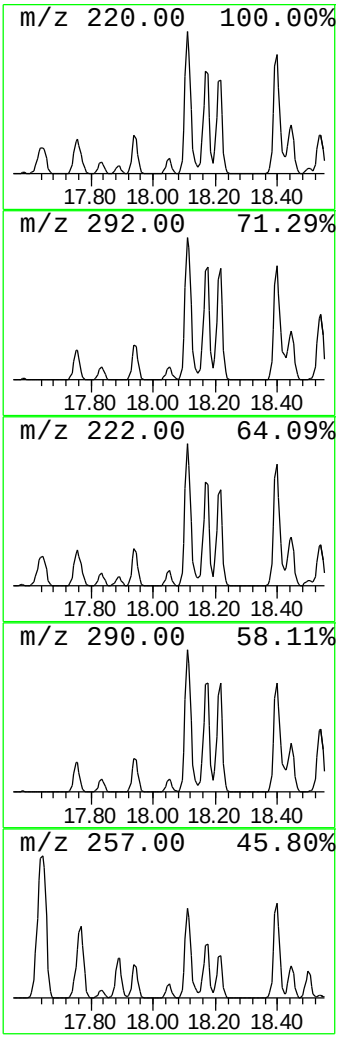
Peak Number 18 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.29 ng/ul	1029680	Phenanthrene-d10	17.03

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',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99





Library Search Compound Report

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Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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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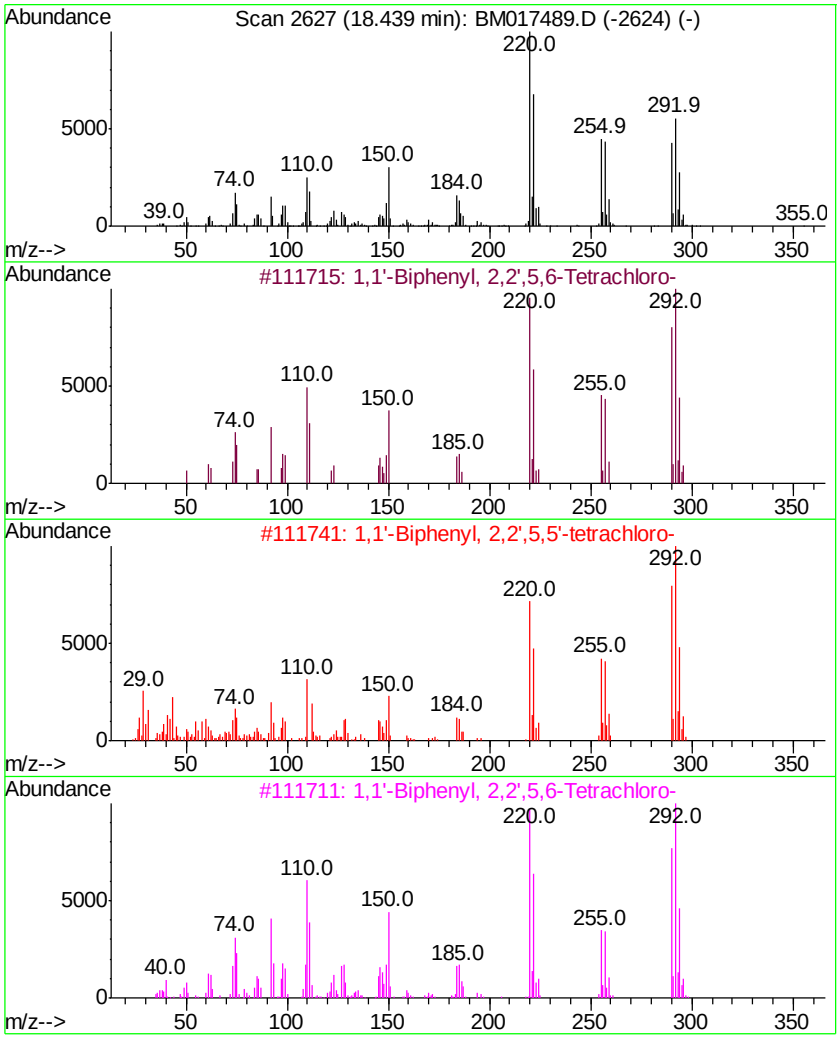
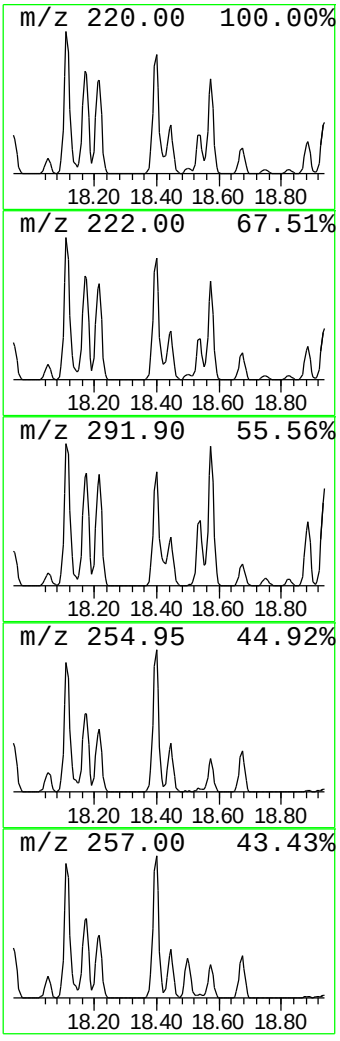
Peak Number 23 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	7.64 ng/ul	3439110	Phenanthrene-d10	17.03

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',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
5	1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	99





Library Search Compound Report

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Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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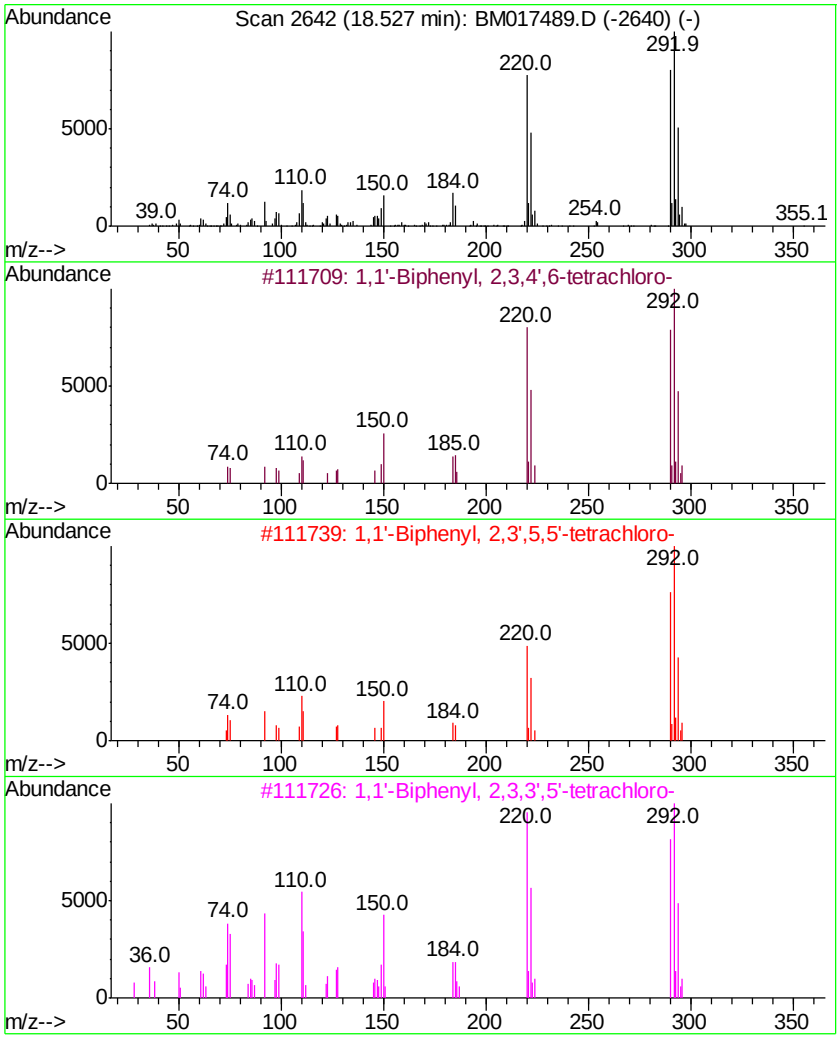
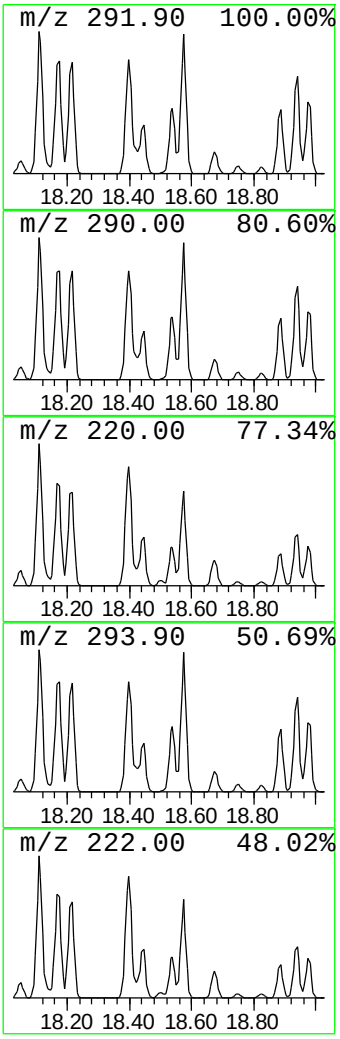
Peak Number 25 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	6.73 ng/ul	3030790	Phenanthrene-d10	17.03

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',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





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Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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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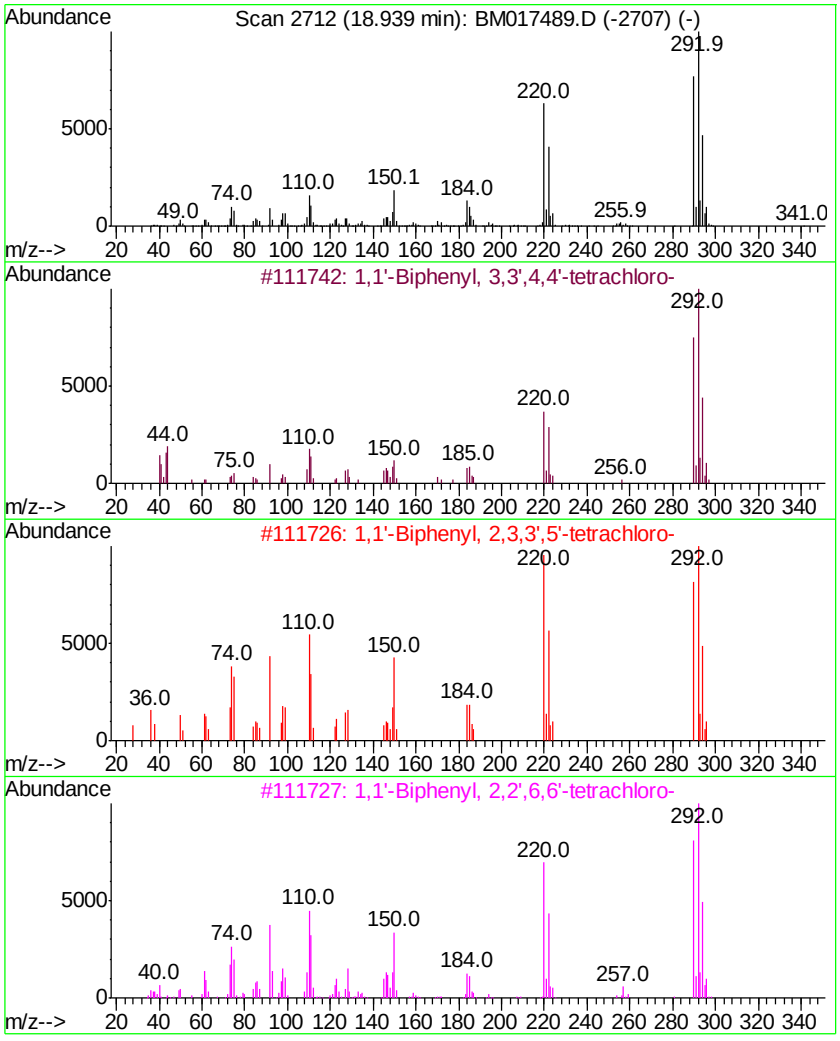
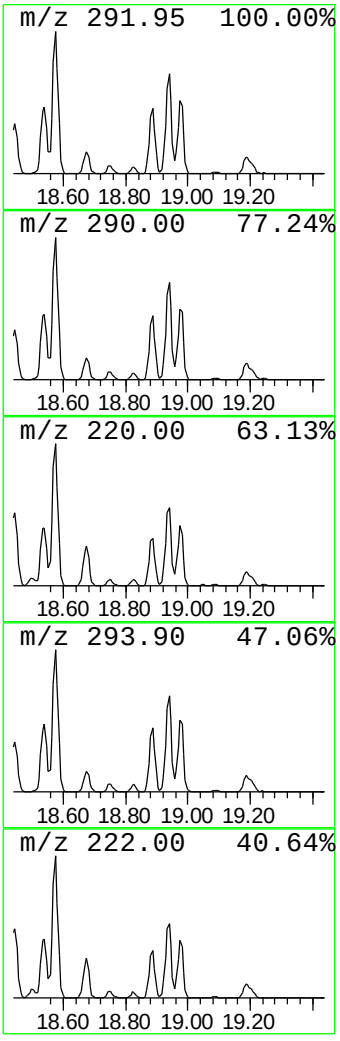
Peak Number 29 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	10.51 ng/ul	4729870	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	96
5	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	96





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Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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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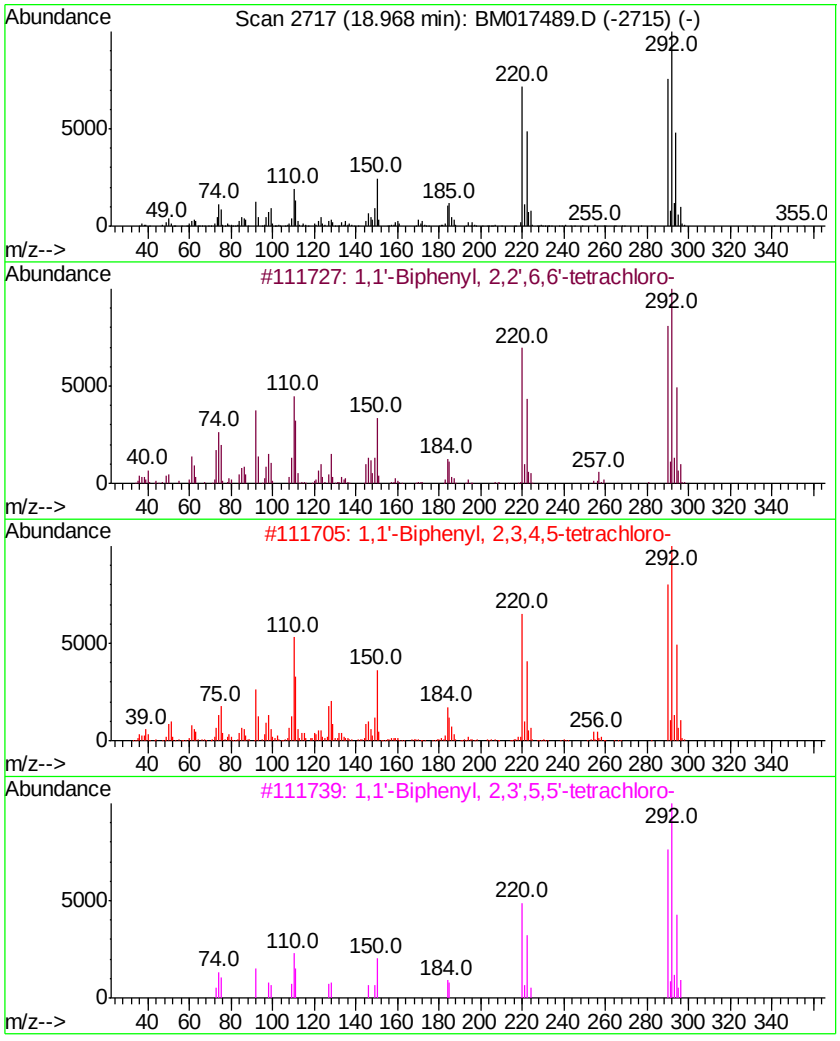
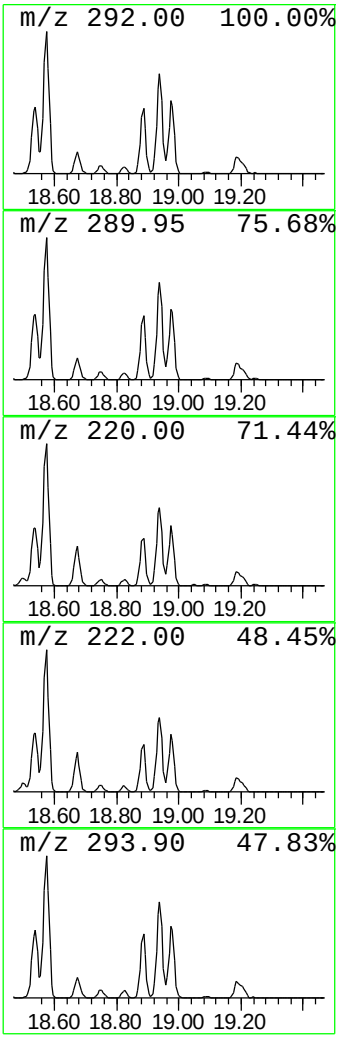
Peak Number 30 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	8.36 ng/ul	3760590	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	95
2	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	95
3	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	95
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	94
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	94





Library Search Compound Report

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Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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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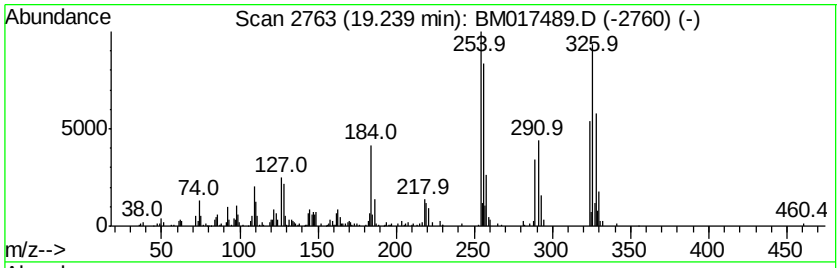
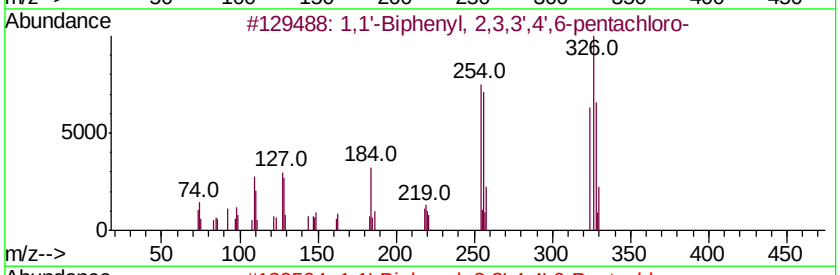
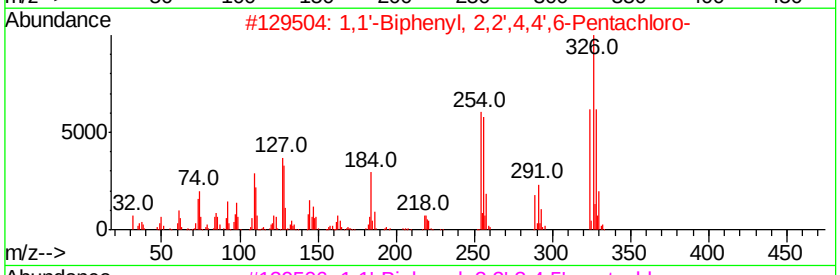
Peak Number 32 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 33

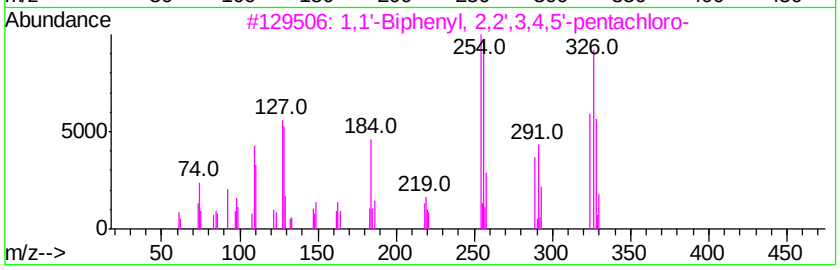
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	3.43 ng/ul	887637	Chrysene-d12	21.23

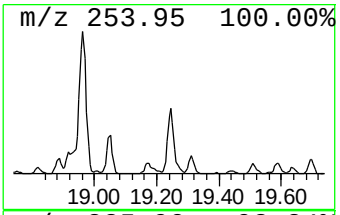
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
3	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99

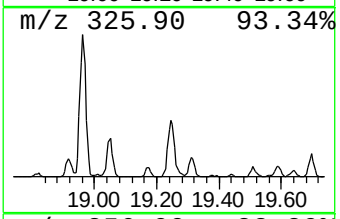


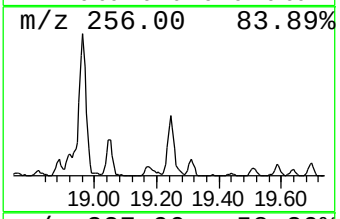


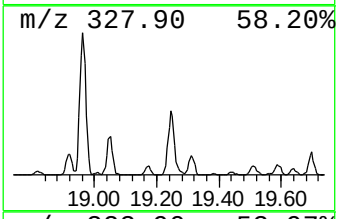


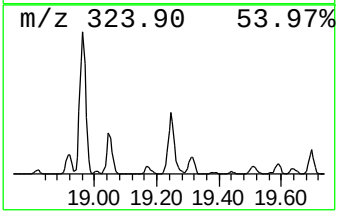












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017489.D
Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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

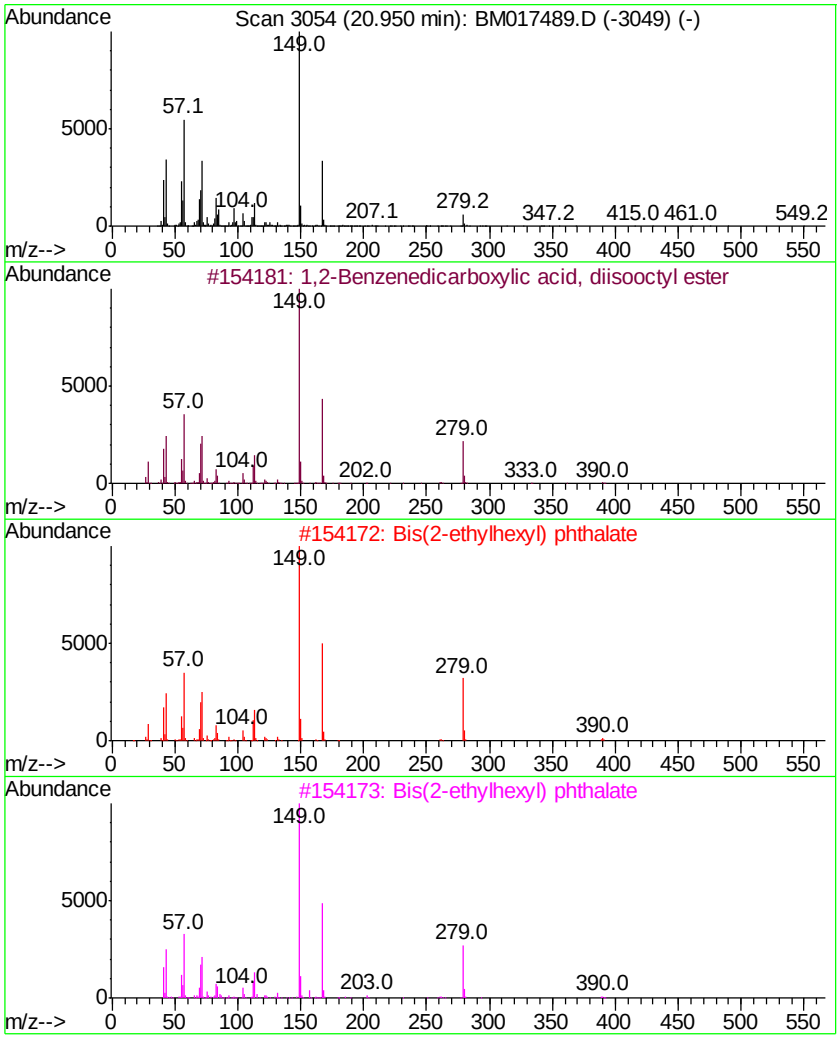
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

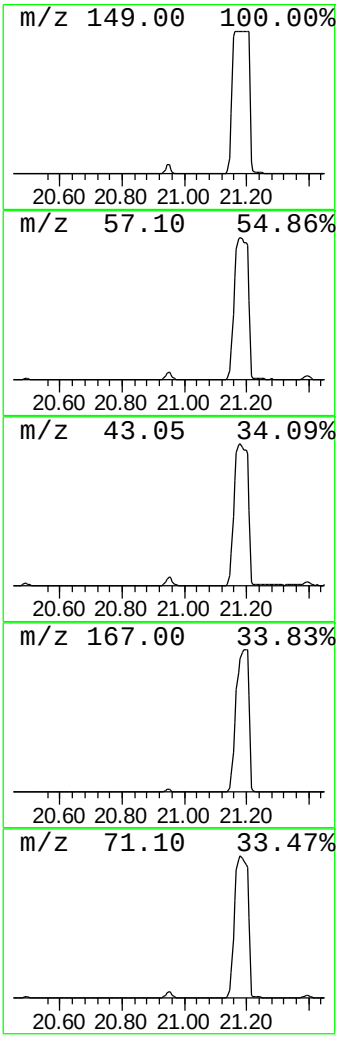
****

Peak Number 33 1,2-Benzenedicarboxylic aci... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	13.27 ng/ul	3438230	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	83
2	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	83
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	80
4	1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	80
5	1,2-Benzenedicarboxylic acid, di...	330	C20H26O4	000084-61-7	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017489.D
Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

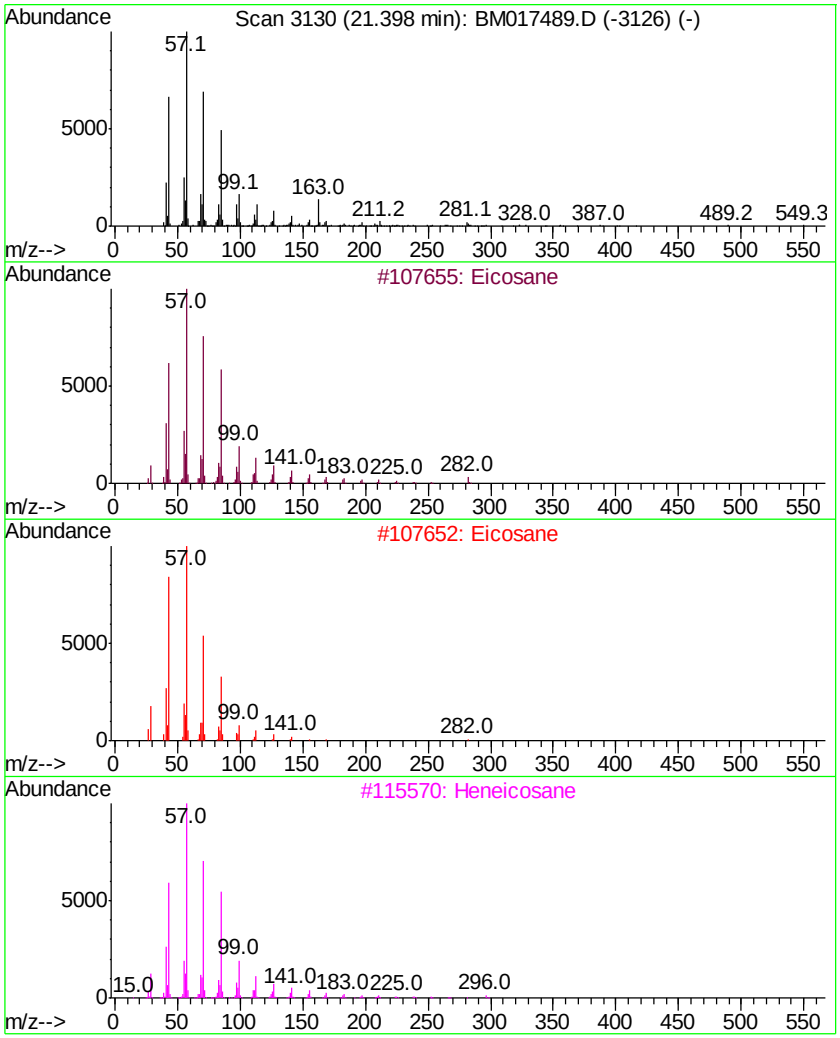
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

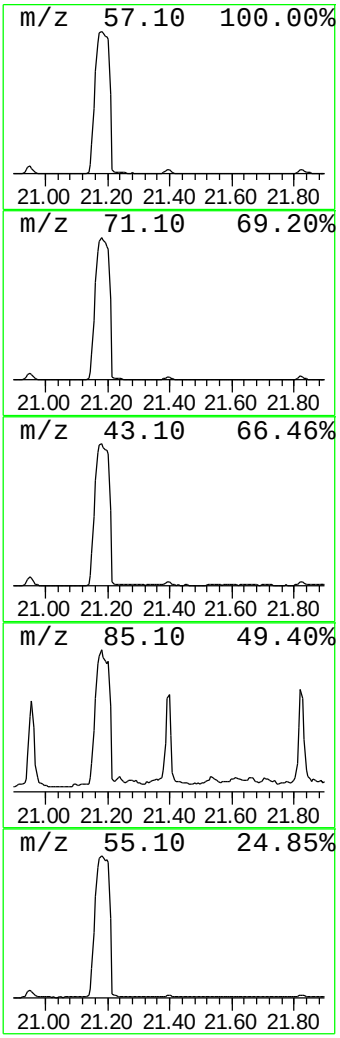
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.96 ng/ul	766432	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Eicosane	282	C20H42	000112-95-8	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Hentriacontane	437	C31H64	000630-04-6	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017489.D
Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

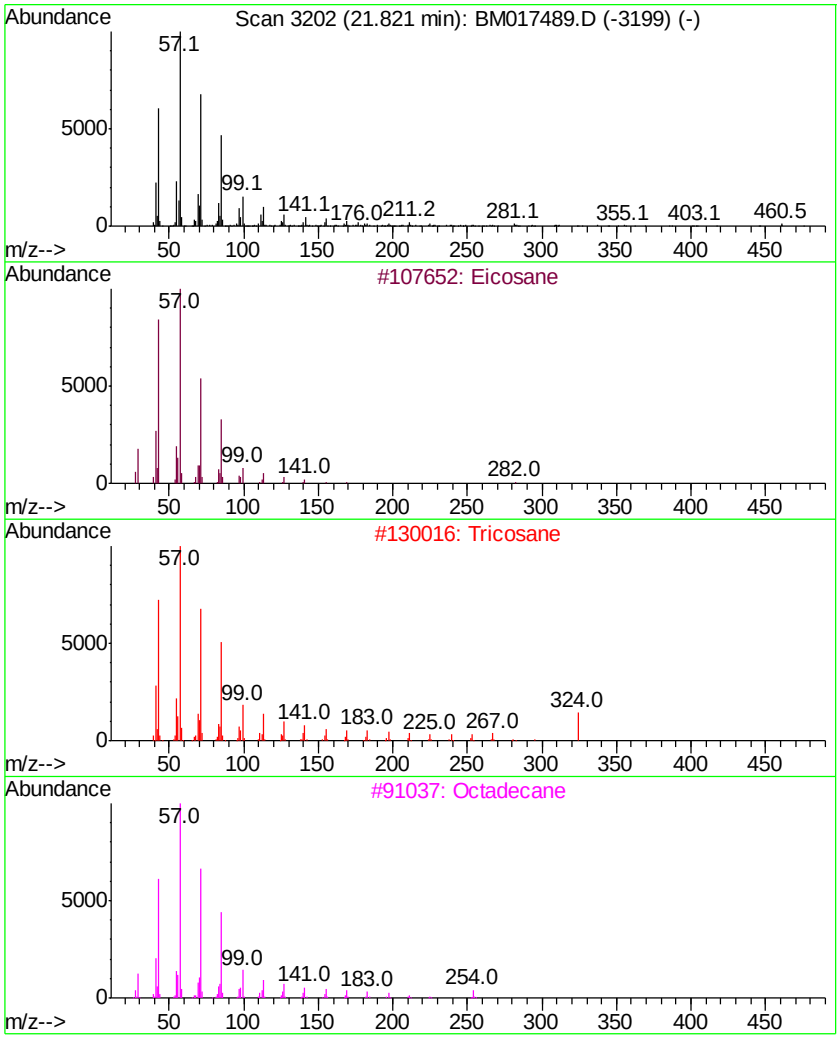
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

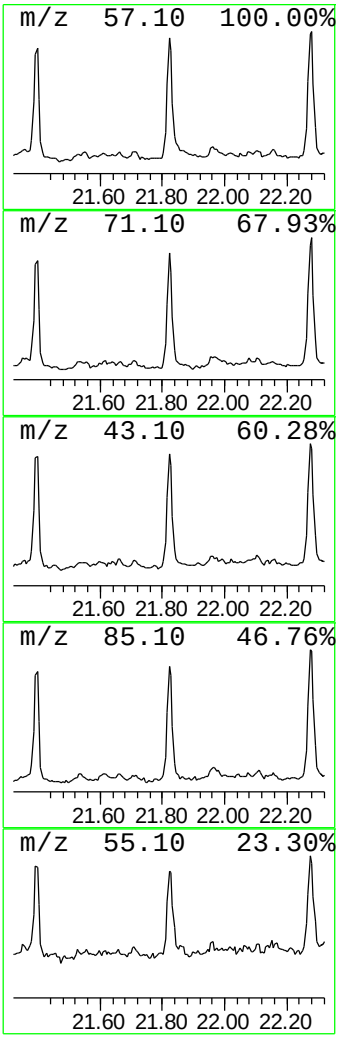
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	3.62 ng/ul	936640	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Tricosane	324	C23H48	000638-67-5	95
3	Octadecane	254	C18H38	000593-45-3	93
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017489.D
Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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

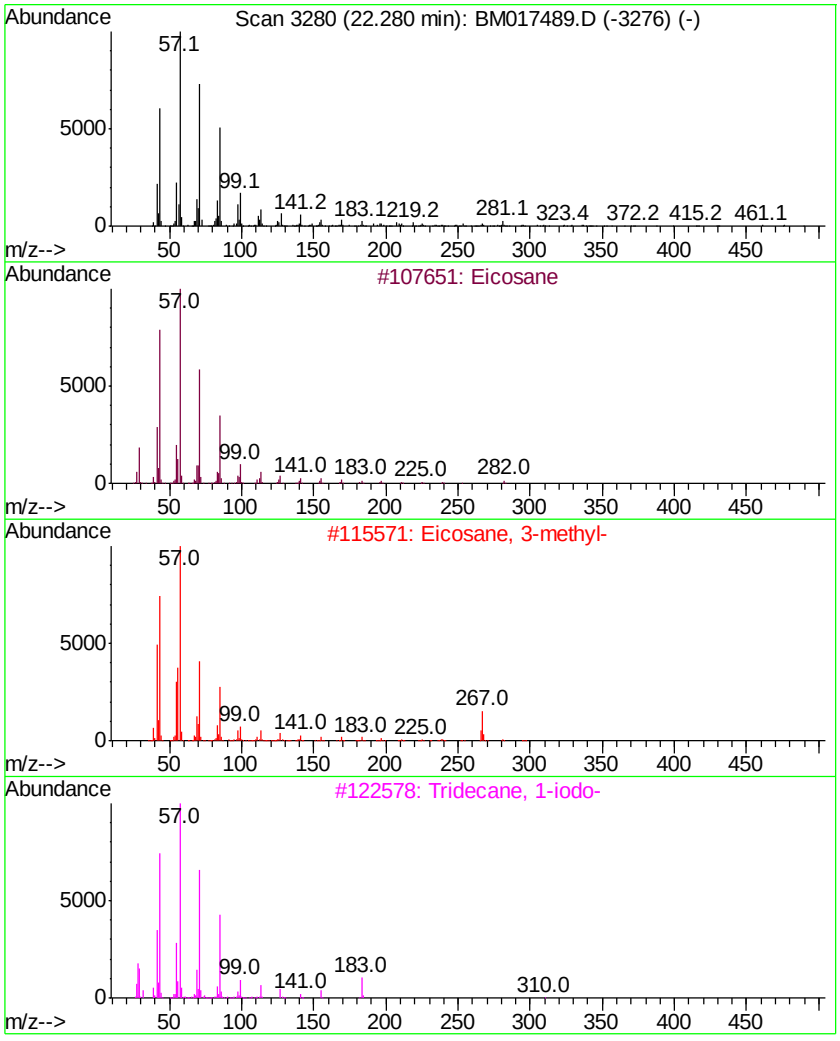
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

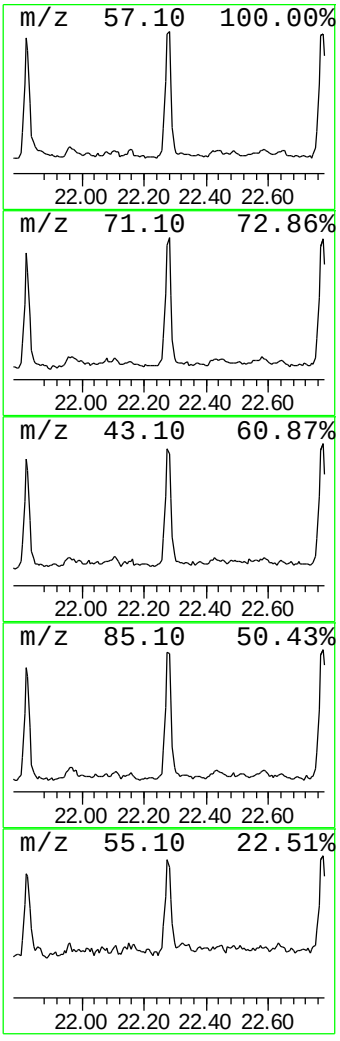
****

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	3.43 ng/ul	888413	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Eicosane, 3-methyl-	296	C21H44	006418-46-8	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017489.D
Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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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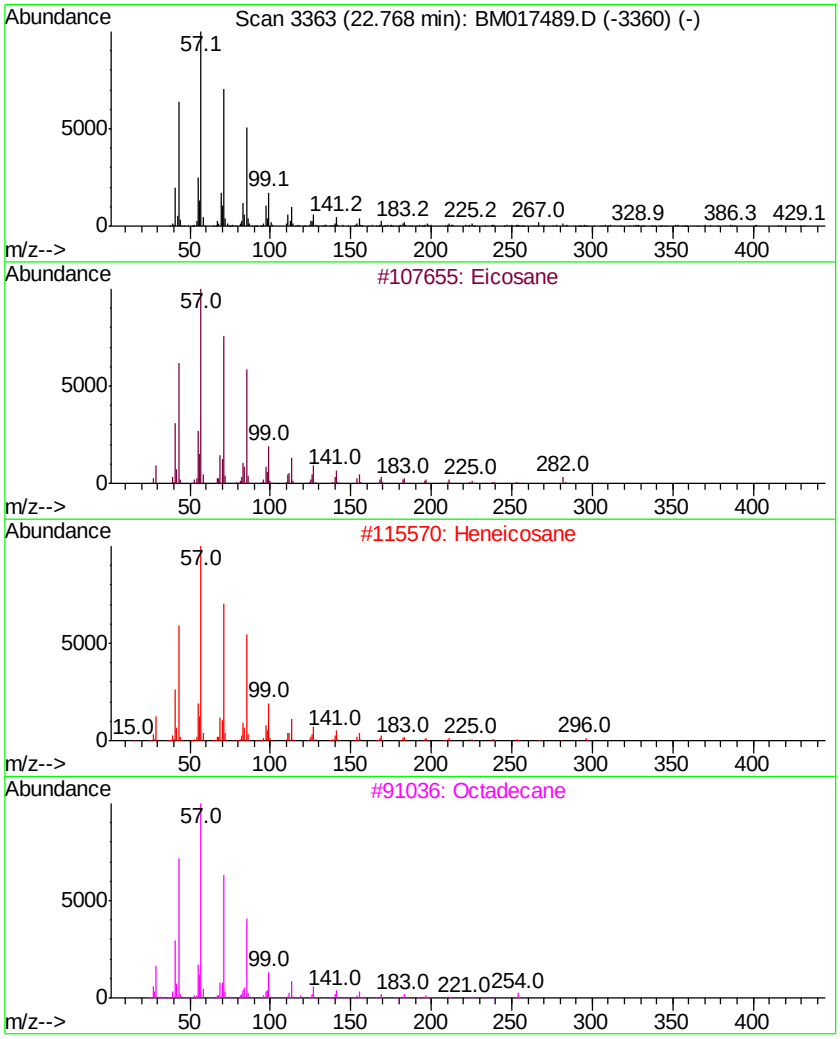
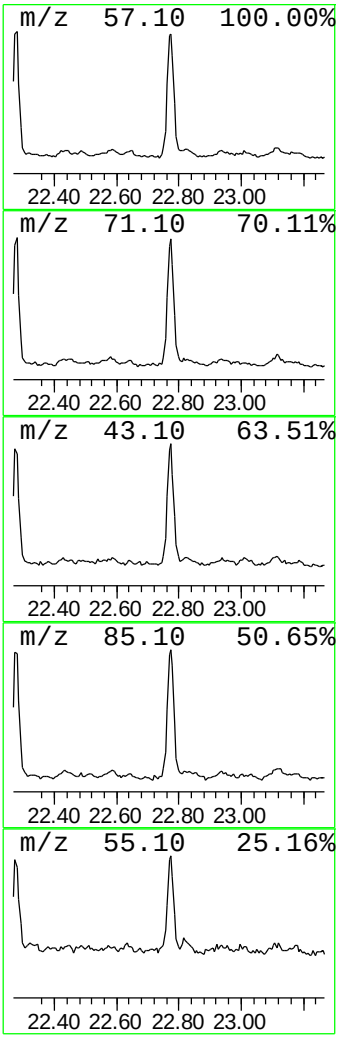
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	4.58 ng/ul	958095	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	97
3	Octadecane	254	C18H38	000593-45-3	95
4	Heptacosane	380	C27H56	000593-49-7	91
5	Tetratriacontane	479	C34H70	014167-59-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017489.D
Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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

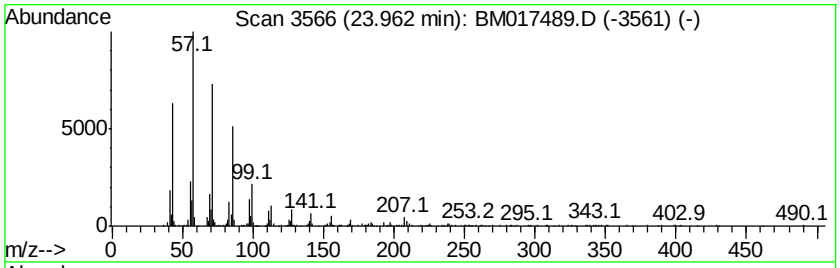
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

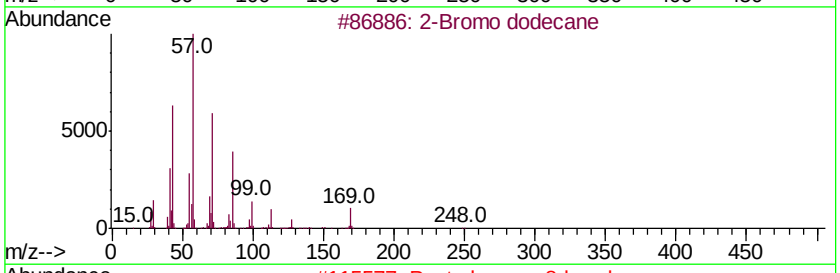
****

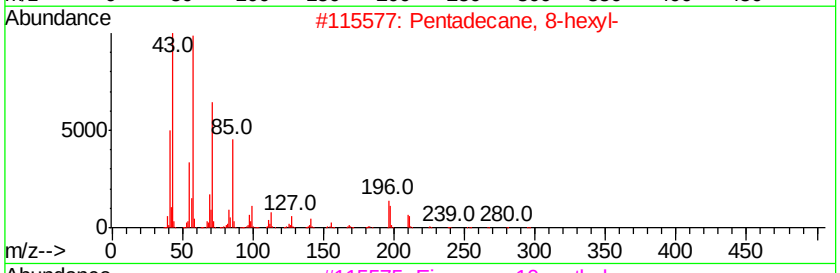
Peak Number 38 2-Bromo dodecane Concentration Rank 27

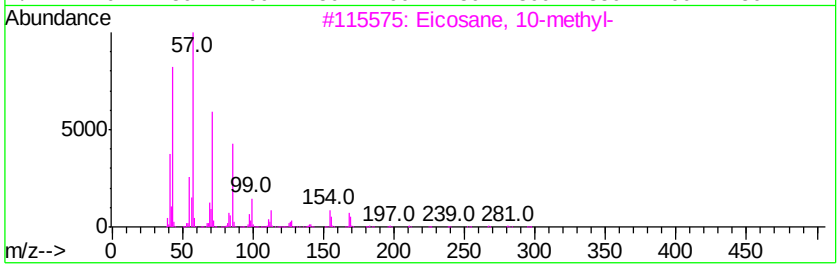
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	5.08 ng/ul	1063420	Perylene-d12	23.44

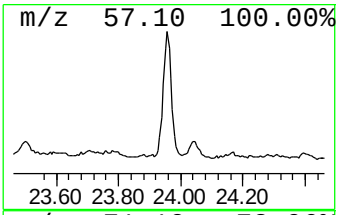
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octacosane	394	C28H58	000630-02-4	87

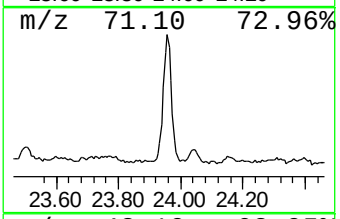


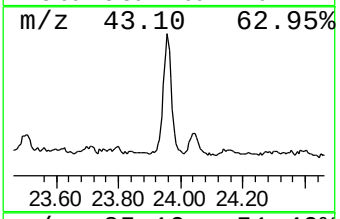


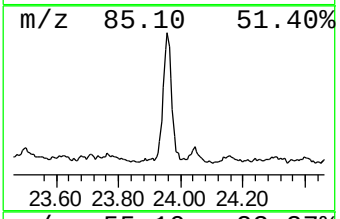


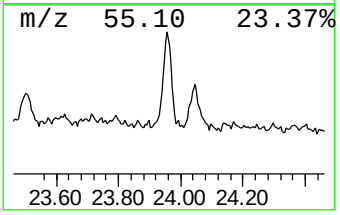












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110218\
Data File : BM017489.D
Acq On : 02 Nov 2018 10:14
Operator : MJ/SJ
Sample : J5701-16ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A40G0ME

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
9H-Fluorene, 9-me...	15.49	2.2	ng/ul	369278	3	14.28	3303810	20.0
1,1'-Biphenyl, 2,...	15.55	57.2	ng/ul	9454730	3	14.28	3303810	20.0
1,1'-Biphenyl, 4-...	15.58	141.9	ng/ul	23434300	3	14.28	3303810	20.0
1,1'-Biphenyl, 2,...	15.99	2.4	ng/ul	1055600	4	17.03	9001030	20.0
1,1'-Biphenyl, 2,...	16.16	5.3	ng/ul	2394480	4	17.03	9001030	20.0
1,1'-Biphenyl, 2,...	16.57	6.8	ng/ul	3055990	4	17.03	9001030	20.0
1,1'-Biphenyl, 2,...	16.96	16.9	ng/ul	7596920	4	17.03	9001030	20.0
1,1'-Biphenyl, 2,...	17.21	25.7	ng/ul	11584100	4	17.03	9001030	20.0
1,1'-Biphenyl, 2'...	17.52	2.8	ng/ul	1244290	4	17.03	9001030	20.0
1,1'-Biphenyl, 2,...	17.94	6.6	ng/ul	2980580	4	17.03	9001030	20.0
1,1'-Biphenyl, 2,...	18.05	2.3	ng/ul	1029680	4	17.03	9001030	20.0
1,1'-Biphenyl, 2,...	18.44	7.6	ng/ul	3439110	4	17.03	9001030	20.0
1,1'-Biphenyl, 2,...	18.53	6.7	ng/ul	3030790	4	17.03	9001030	20.0
1,1'-Biphenyl, 3,...	18.94	10.5	ng/ul	4729870	4	17.03	9001030	20.0
1,1'-Biphenyl, 2,...	18.97	8.4	ng/ul	3760590	4	17.03	9001030	20.0
1,1'-Biphenyl, 2,...	19.24	3.4	ng/ul	887637	5	21.23	5180620	20.0
1,2-Benzenedicarb...	20.95	13.3	ng/ul	3438230	5	21.23	5180620	20.0
(DEL) Alkane: Str...	21.40	3.0	ng/ul	766432	5	21.23	5180620	20.0
(DEL) Alkane: Str...	21.82	3.6	ng/ul	936640	5	21.23	5180620	20.0
(DEL) Alkane: Str...	22.28	3.4	ng/ul	888413	5	21.23	5180620	20.0
(DEL) Alkane: Str...	22.77	4.6	ng/ul	958095	6	23.44	4185430	20.0
2-Bromo dodecane	23.96	5.1	ng/ul	1063420	6	23.44	4185430	20.0