LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017380.D
Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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	3.063	9	13	15	rBV	40060	41638	0.12%	0.009%
2	3.146	23	27	38	rVB	1569634	1570660	4.50%	0.333%
3	3.469	79	82	87	rVB	58298	66158	0.19%	0.014%
4	4.022	170	176	180	rBV	33692	41752	0.12%	0.009%
5	4.340	225	230	236	rBV	25930	39388	0.11%	0.008%
6	4.540	254	264	267	rBV3	50654	86038	0.25%	0.018%
7	4.640	273	281	284	rBV4	134541	264485	0.76%	0.056%
8	4.728	292	296	303	rVB	249624	340364	0.98%	0.072%
9	4.857	312	318	323	rBV	93552	127131	0.36%	0.027%
10	4.940	328	332	340	rVV2	70027	144779	0.41%	0.031%
11	5.022	340	346	348	rVV	57638	95441	0.27%	0.020%
12	5.046	348	350	357	rVV4	63434	164054	0.47%	0.035%
13	5.099	357	359	363	rVV2	51803	60593	0.17%	0.013%
14	5.152	363	368	372	rVV3	54257	89820	0.26%	0.019%
15	5.210	372	378	383	rVB	143199	237670	0.68%	0.050%
16	5.263	383	387	396	rVB	56474	80335	0.23%	0.017%
17	5.346	396	401	405	rBV3	26604	44432	0.13%	0.009%
18	5.404	408	411	413	rVV	27476	35821	0.10%	0.008%
19	5.646	447	452	459	rVB	118153	170596	0.49%	0.036%
20	7.651	785	793	810	rBV	1143933	2006951	5.75%	0.425%
21	7.998	845	852	859	rVB2	45524	83144	0.24%	0.018%
22	9.292	1063	1072	1076	rBV5	14443	37627	0.11%	0.008%
23	9.604	1118	1125	1128	rBV8	17157	38706	0.11%	0.008%
24	10.292	1234	1242	1254	rBV	15922980	27139204	77.78%	5.745%
25	10.422	1257	1264	1273	rVB	1745693	2996695	8.59%	0.634%
26	10.539	1280	1284	1289	rBV6	38302	58515	0.17%	0.012%
27	10.586	1289	1292	1299	rVB5	26385	58619	0.17%	0.012%
28	10.804	1322	1329	1337	rBV	3426418	5603421	16.06%	1.186%
29	10.963	1350	1356	1363	rBV3	38196	115292	0.33%	0.024%
30	11.033	1364	1368	1371	rVV3	30125	45617	0.13%	0.010%
31	11.104	1376	1380	1388	rVB5	67256	138381	0.40%	0.029%
32	11.181	1389	1393	1398	rBV8	30916	57501	0.16%	0.012%
33	11.328	1413	1418	1426	rBV8	56355	124295	0.36%	0.026%
34	11.392	1426	1429	1433	rBV4	35783	45855	0.13%	0.010%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017380.D
Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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	11.451	1434	1439	1443	rBV4	126858	274323	0.79%	0.058%
36	11.704	1479	1482	1487	rVB3	47909	57765	0.17%	0.012%
37	11.857	1504	1508	1512	rBV2	117484	250658	0.72%	0.053%
38	12.157	1555	1559	1567	rBV2	190974	393162	1.13%	0.083%
39	12.227	1567	1571	1573	rBV4	80953	131132	0.38%	0.028%
40	12.298	1579	1583	1588	rBV8	84778	172589	0.49%	0.037%
41	12.463	1602	1611	1618	rBV	1680244	3114610	8.93%	0.659%
42	12.633	1636	1640	1643	rBV5	218154	351413	1.01%	0.074%
43	12.710	1649	1653	1659	rVB3	476017	760850	2.18%	0.161%
44	12.775	1660	1664	1668	rBV7	200399	439453	1.26%	0.093%
45	12.822	1669	1672	1676	rVB	355975	451549	1.29%	0.096%
46	12.875	1676	1681	1687	rBV5	503052	977676	2.80%	0.207%
47	13.080	1706	1716	1721	rBV2	2311164	5461303	15.65%	1.156%
48	13.604	1802	1805	1810	rBV3	702977	1253256	3.59%	0.265%
49	13.704	1818	1822	1827	rBV	3651913	4936154	14.15%	1.045%
50	13.780	1832	1835	1839	rVV2	1767525	2574788	7.38%	0.545%
51	13.827	1839	1843	1851	rVB4	1248620	2741561	7.86%	0.580%
52	14.027	1873	1877	1882	rBV4	1817790	3453453	9.90%	0.731%
53	14.121	1888	1893	1901	rVB	5911163	9400393	26.94%	1.990%
54	14.198	1901	1906	1911	rBV4	1719848	3344190	9.58%	0.708%
55	14.257	1911	1916	1919	rBV2	2724214	5172252	14.82%	1.095%
56	14.292	1919	1922	1930	rVB2	3287735	5662181	16.23%	1.199%
57	14.621	1975	1978	1981	rBV	1357555	1822388	5.22%	0.386%
58	14.833	2010	2014	2019	rBV5	3129174	4739983	13.58%	1.003%
59	15.016	2041	2045	2052	rBV7	2425165	5308731	15.21%	1.124%
60	15.086	2052	2057	2063	rBV2	7717156	12489822	35.79%	2.644%
61	15.345	2098	2101	2103	rBV2	2196416	2837268	8.13%	0.601%
62	16.063	2215	2223	2229	rBV2	10803714	23264253	66.67%	4.925%
63	18.986	2716	2720	2724	rVB	7312359	10094369	28.93%	2.137%
64	19.274	2765	2769	2773	rVB	9369148	11573028	33.17%	2.450%
65	19.692	2837	2840	2842	rBV	4599660	5662925	16.23%	1.199%
66	19.839	2861	2865	2869	rVB	9606511	11137812	31.92%	2.358%
67	19.886	2870	2873	2884	rVB2	4499970	8399570	24.07%	1.778%
68	19.980	2885	2889	2893	rVB	23545939	29680955	85.06%	6.284%
69	20.180	2920	2923	2930	rVB2	3886946	5410894	15.51%	1.145%
70	20.262	2932	2937	2941	rVB	26682296	34170482	97.93%	7.234%
71	20.309	2942	2945	2952	rVB	7404996	9093226	26.06%	1.925%

LSC Area Percent Report

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Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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	20.415	2959	2963	2968	rVB2	11659319	16660384	47.75%	3.527%
73	20.509	2976	2979	2982	rVB	2812412	3156454	9.05%	0.668%
74	20.580	2983	2991	2996	rVV	18200914	33955928	97.31%	7.189%
75	20.621	2996	2998	3002	rVB	2486447	2653733	7.61%	0.562%
76	20.721	3011	3015	3020	rVB	15383861	18476281	52.95%	3.911%
77	20.786	3022	3026	3030	rBV	7420365	8272003	23.71%	1.751%
78	20.880	3039	3042	3045	rVB	1889333	1986647	5.69%	0.421%
79	20.992	3056	3061	3065	rVB	14516343	17471886	50.07%	3.699%
80	21.045	3066	3070	3076	rVB2	8539871	10840345	31.07%	2.295%
81	21.103	3076	3080	3082	rBV	3226366	3845672	11.02%	0.814%
82	21.198	3094	3096	3100	rVB	2223605	2205262	6.32%	0.467%
83	21.250	3101	3105	3106	rVV	4168177	4627556	13.26%	0.980%
84	21.280	3106	3110	3115	rVB	27307453	34892920	100.00%	7.387%
85	21.586	3157	3162	3167	rBV	11721200	16243207	46.55%	3.439%
86	21.645	3168	3172	3178	rVB	5448401	7204478	20.65%	1.525%
87	21.709	3179	3183	3188	rVB	6069290	7254723	20.79%	1.536%
88	22.050	3237	3241	3245	rVB	1883270	2377846	6.81%	0.503%
89	22.268	3273	3278	3285	rVB	4086281	6118447	17.53%	1.295%
90	23.456	3475	3480	3491	rVB2	2388155	4807761	13.78%	1.018%

Sum of corrected areas: 472362928

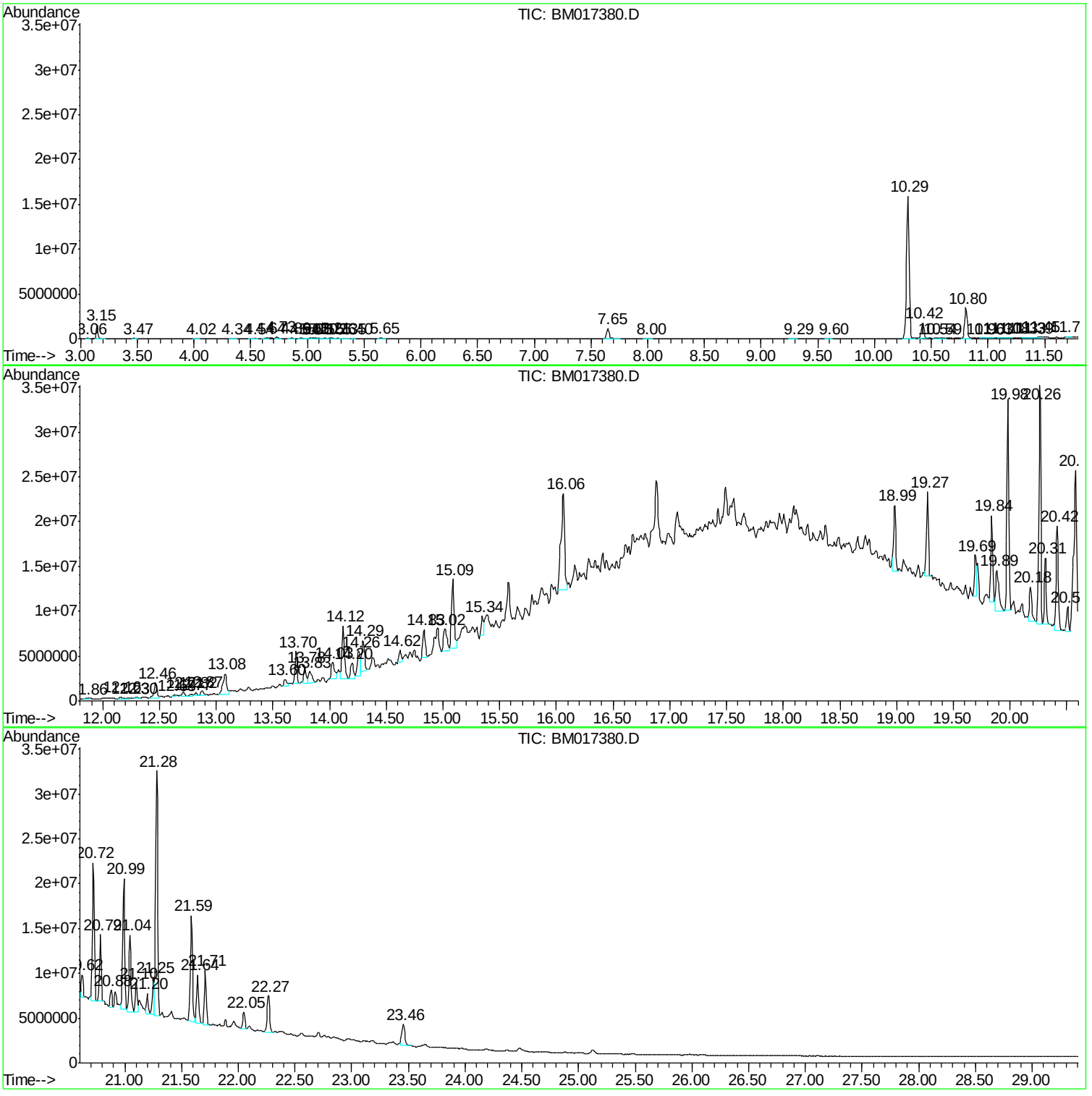
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017380.D
Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017380.D
Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

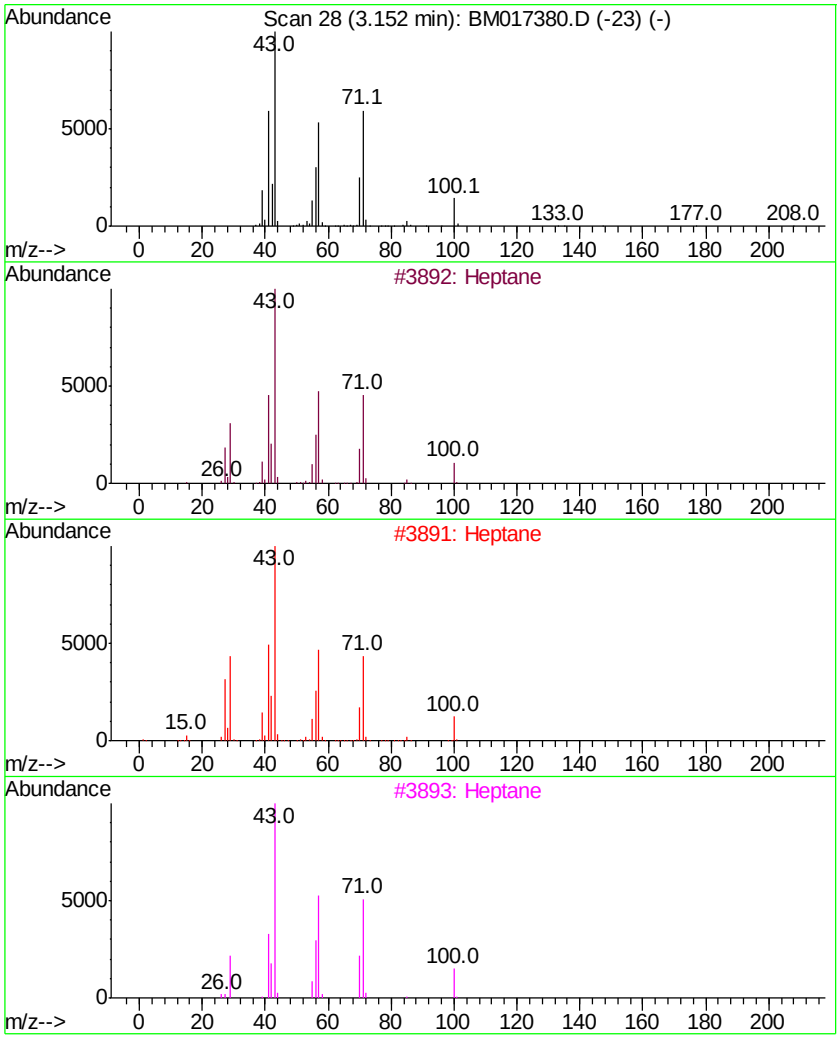
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

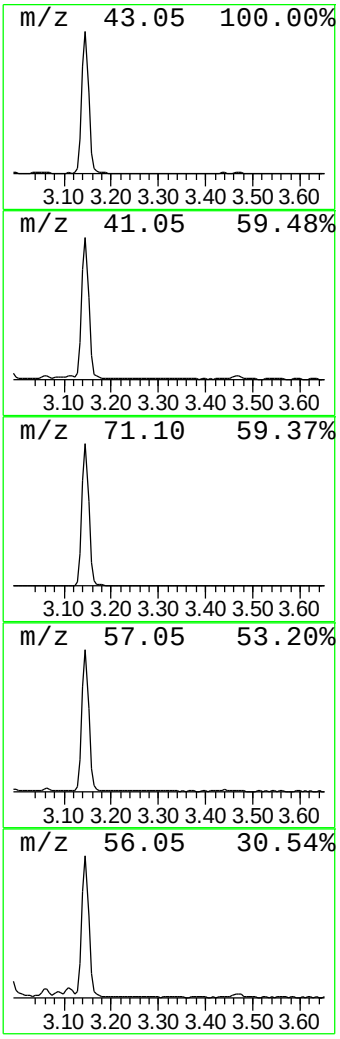
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	15.65 ng/ul	1570660	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	95
2	Heptane	100	C7H16	000142-82-5	94
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	87
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017380.D
Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

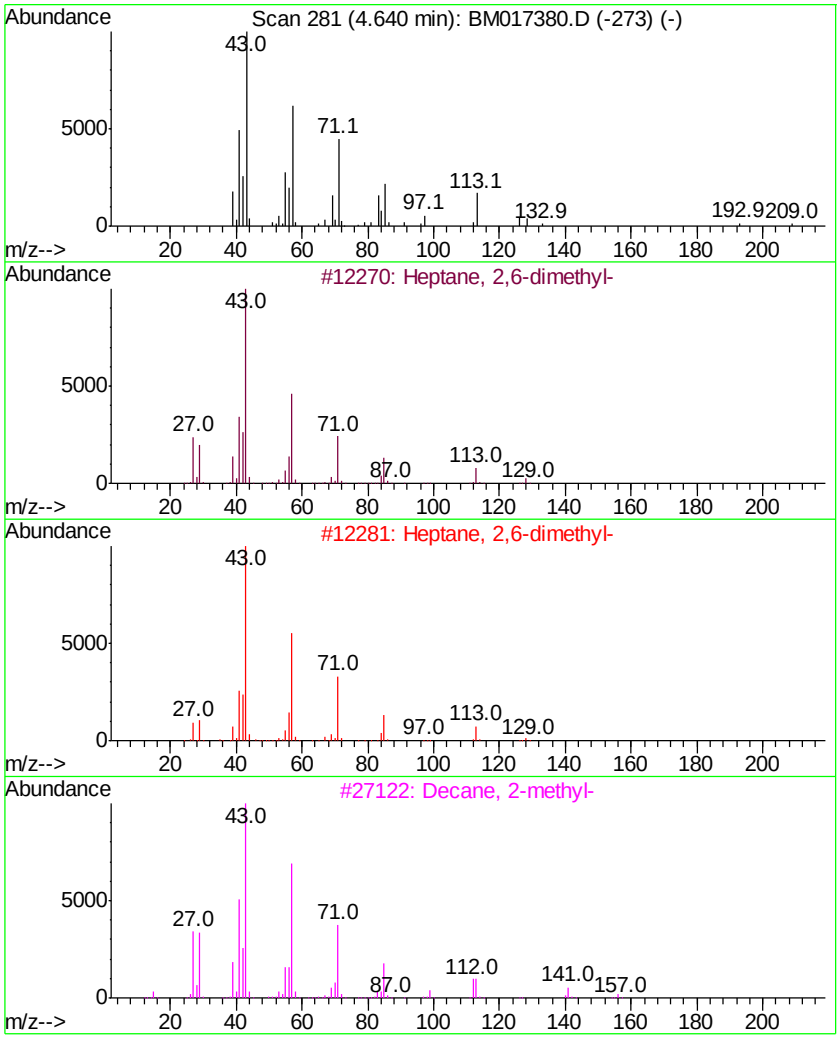
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

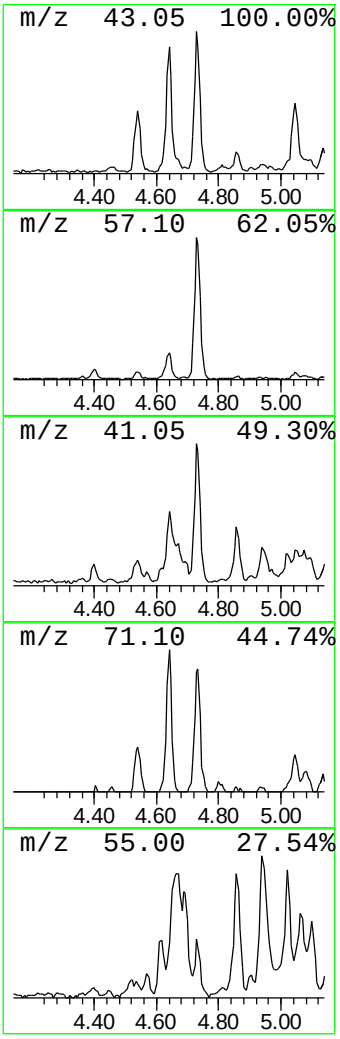
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	2.64 ng/ul	264485	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	87
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	83
3	Decane, 2-methyl-	156	C11H24	006975-98-0	59
4	Octane, 2-methyl-	128	C9H20	003221-61-2	52
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017380.D
Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

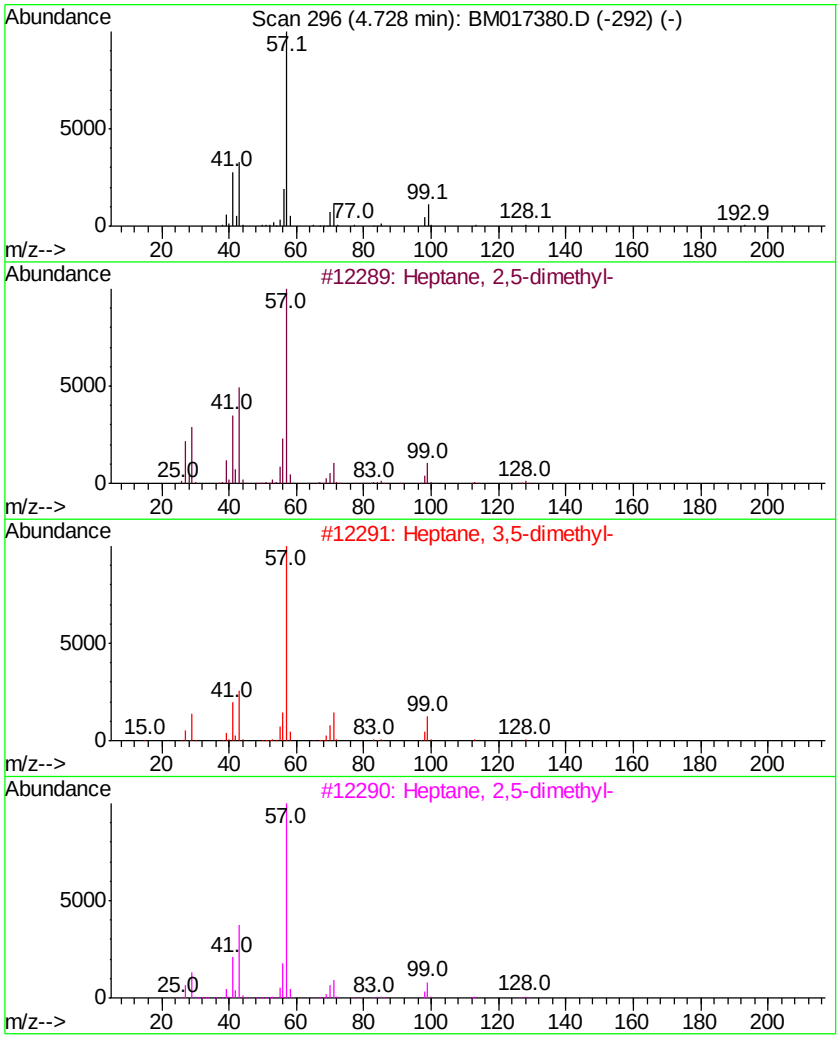
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

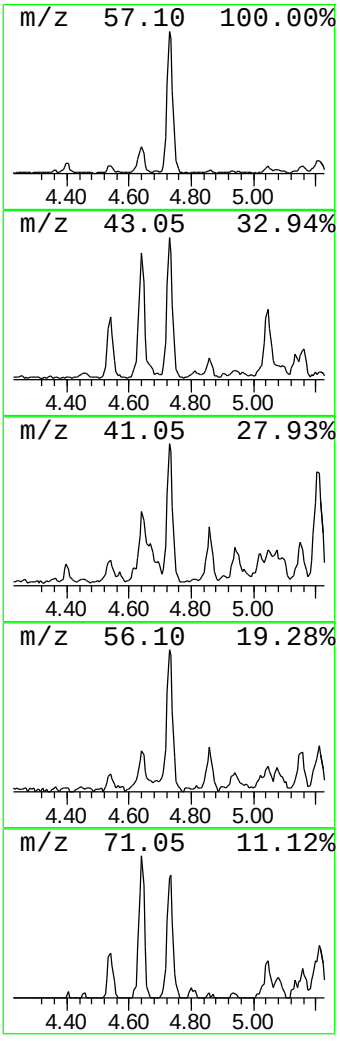
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	3.39 ng/ul	340364	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	90
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
4	Octane, 3-methyl-	128	C9H20	002216-33-3	78
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017380.D
Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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

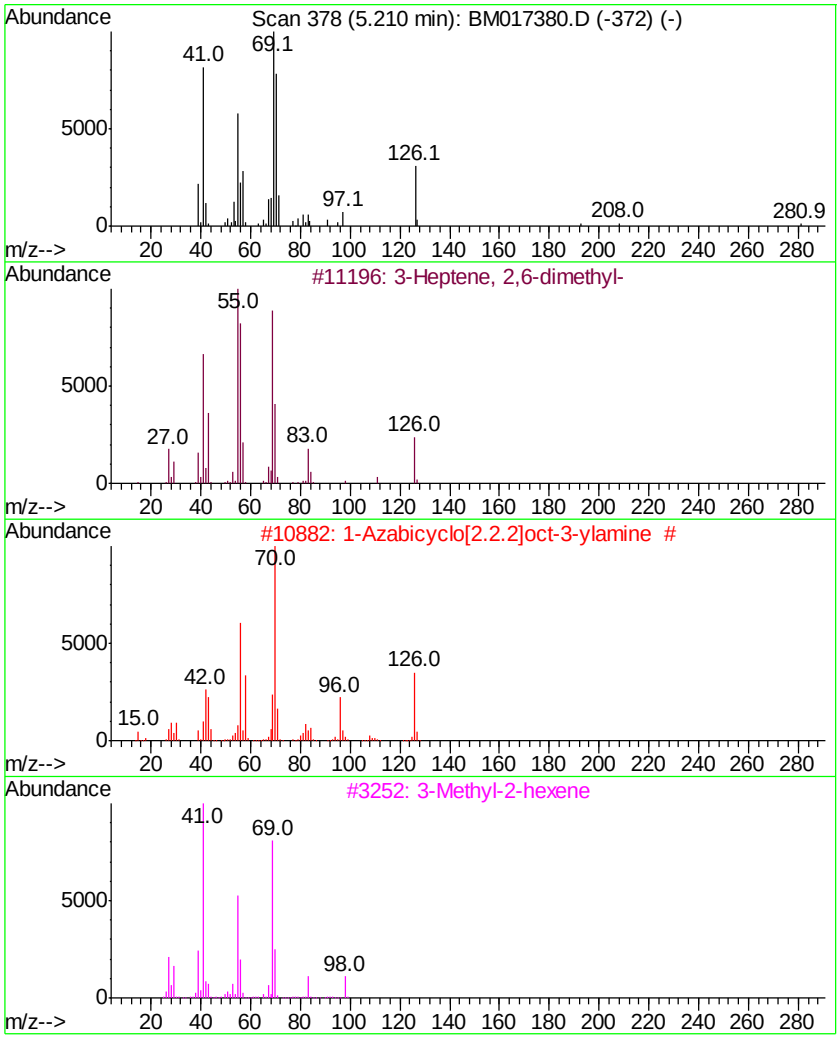
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

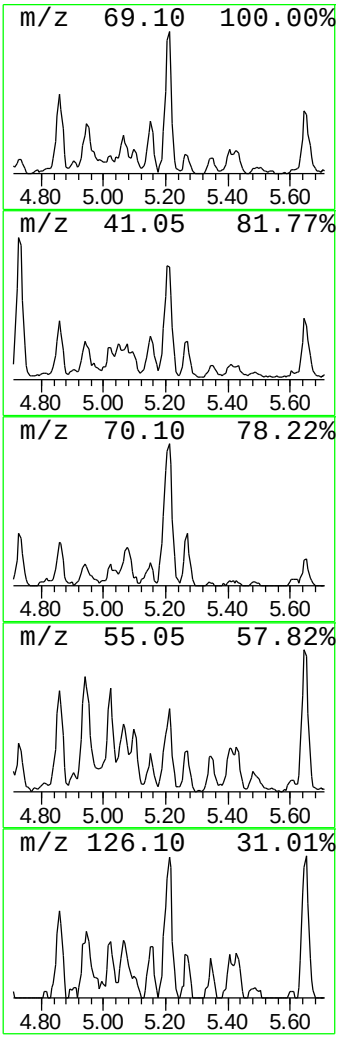
****

Peak Number 4 (DEL) Alkane: Cyclic5.21 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	2.37 ng/ul	237670	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	50
2	1-Azabicyclo[2.2.2]oct-3-ylamine #	126	C7H14N2	006238-14-8	43
3	3-Methyl-2-hexene	98	C7H14	017618-77-8	43
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017380.D
Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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

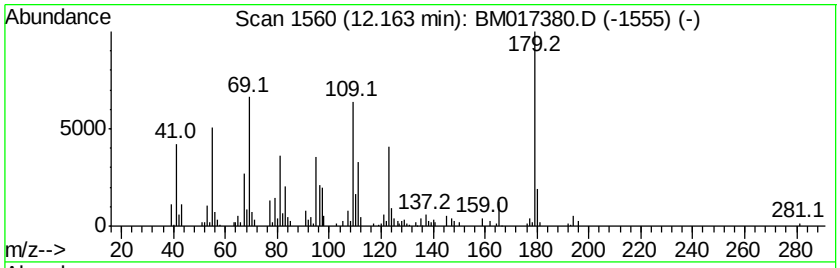
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

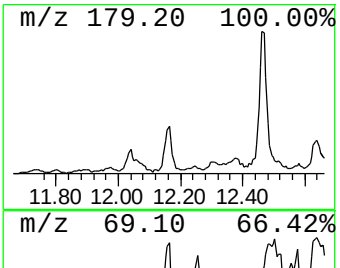
****

Peak Number 7 unknown-01 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	2.62 ng/ul	393162	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-heptanoyl-3-meth...	236	C16H28O	1000157-26-0	38
2	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	30
3	1H-Pyrazole, 3,5-bis(1,1-dimethy...	194	C12H22N2	018712-47-5	25
4	1,3-Pentadiene, 2,4-di-t-butyl-	180	C13H24	132850-21-6	25
5	(-)-trans-Pinane	138	C10H18	033626-25-4	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017380.D
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Operator : MJ/SJ
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Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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

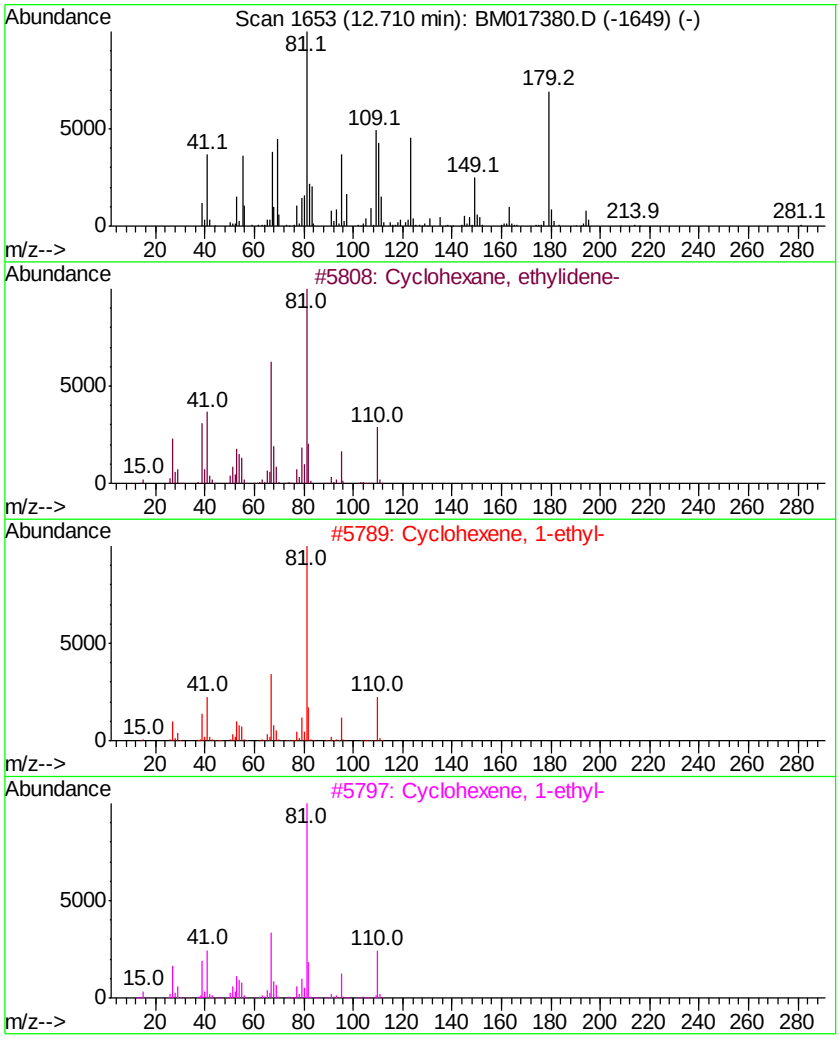
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

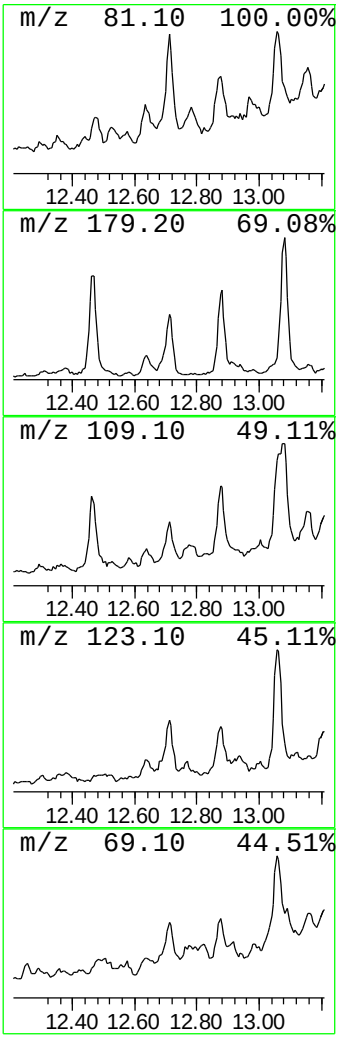
****

Peak Number 8 unknown-02 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	2.69 ng/ul	760850	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	45
2	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	43
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
4	Zinc, bis[2,2-dimethyl-3-(2-meth...	310	C18H30Zn	074842-24-3	38
5	Cyclopentane, 1-ethenyl-3-ethyl-...	138	C10H18	055170-98-4	38





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Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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Quant Title : SVOA CALIBRATION

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

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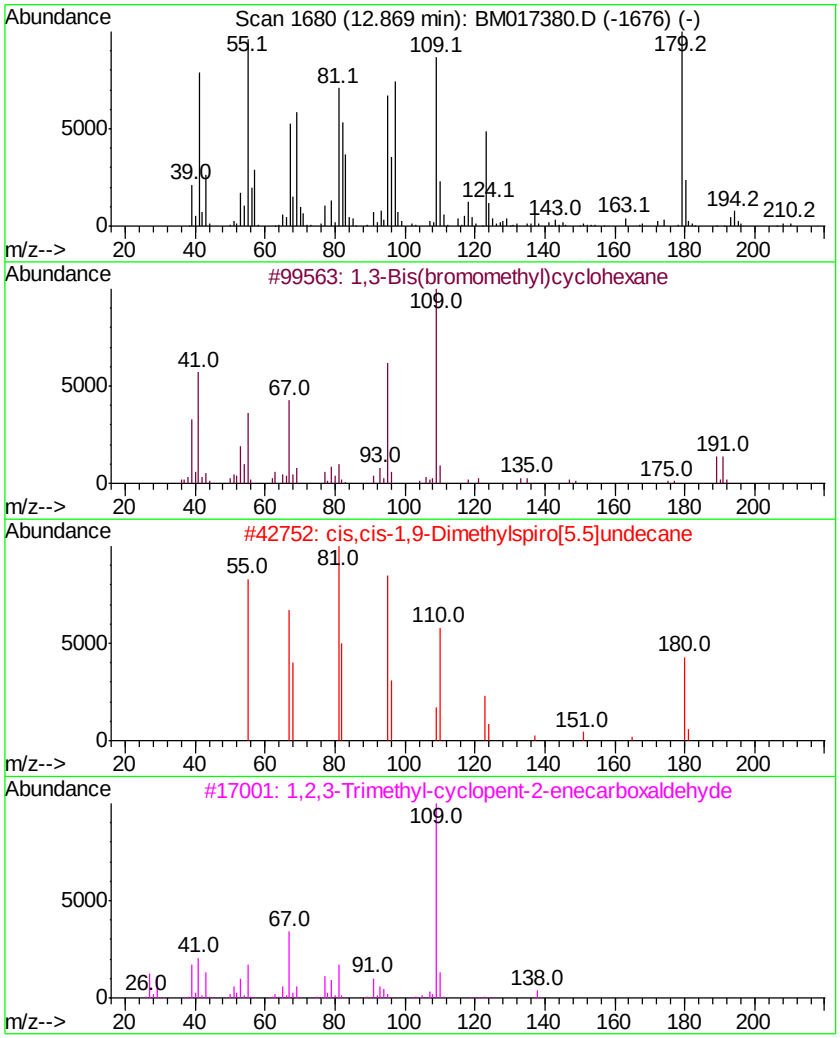
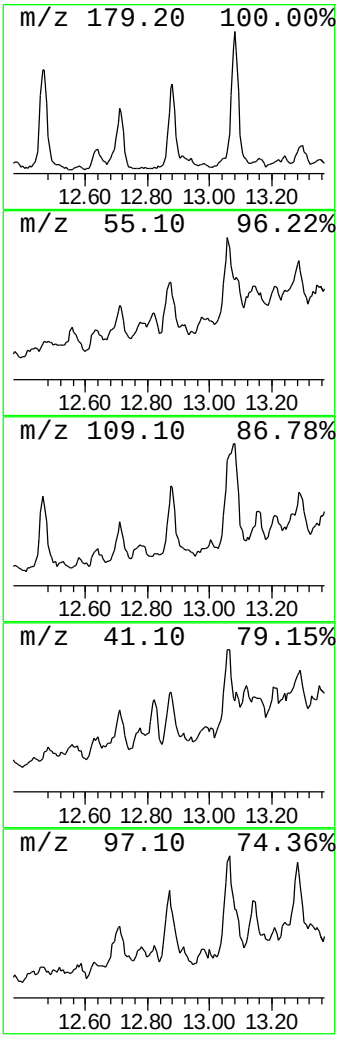
Peak Number 9 unknown-03 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	3.45 ng/ul	977676	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Bis(bromomethyl)cyclohexane	268	C8H14Br2	1000216-89-9	27
2	cis,cis-1,9-Dimethylspiro[5.5]un...	180	C13H24	1000111-73-4	18
3	1,2,3-Trimethyl-cyclopent-2-enec...	138	C9H14O	1000190-18-1	18
4	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	18
5	cis-Bicyclo[2.2.1]heptane, 2,3-d...	124	C9H16	1000262-02-5	15





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Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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Quant Title : SVOA CALIBRATION

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

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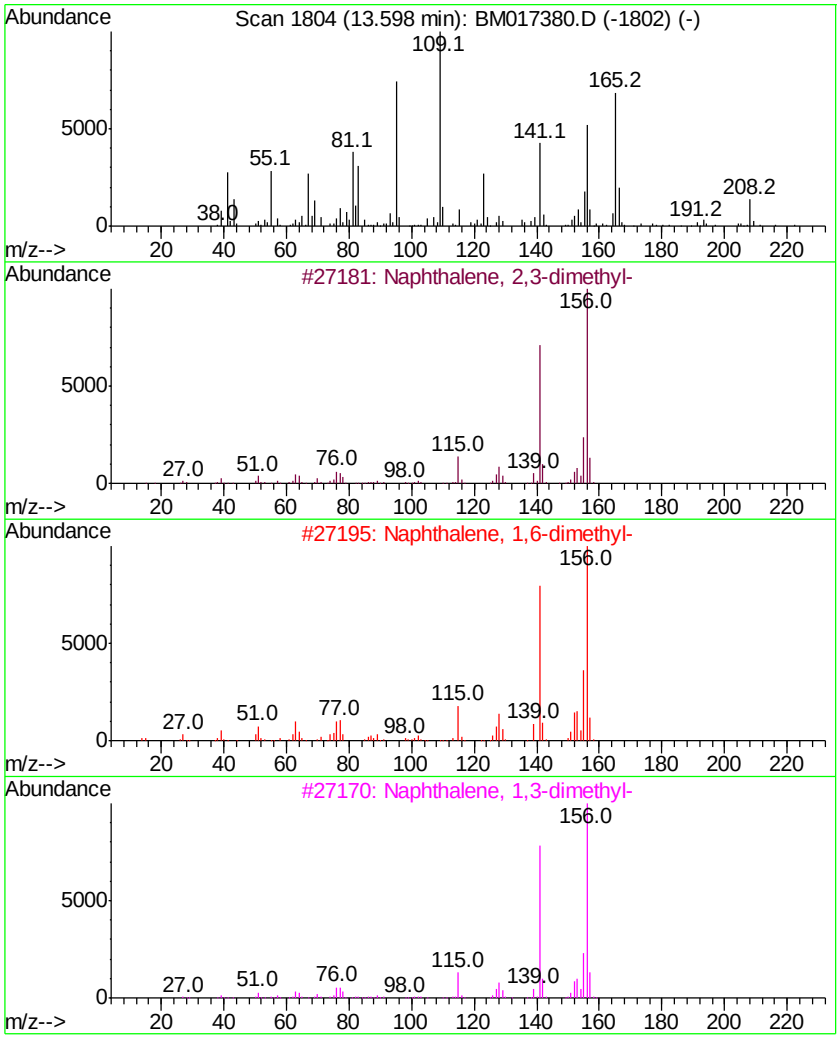
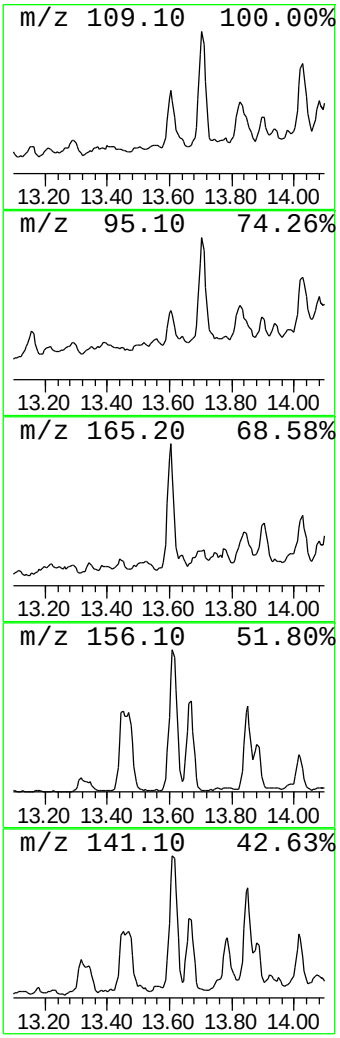
Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	4.43 ng/ul	1253260	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	91
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90





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ALS Vial : 62 Sample Multiplier: 1

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ClientSampleId : C0BL4

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Quant Title : SVOA CALIBRATION

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

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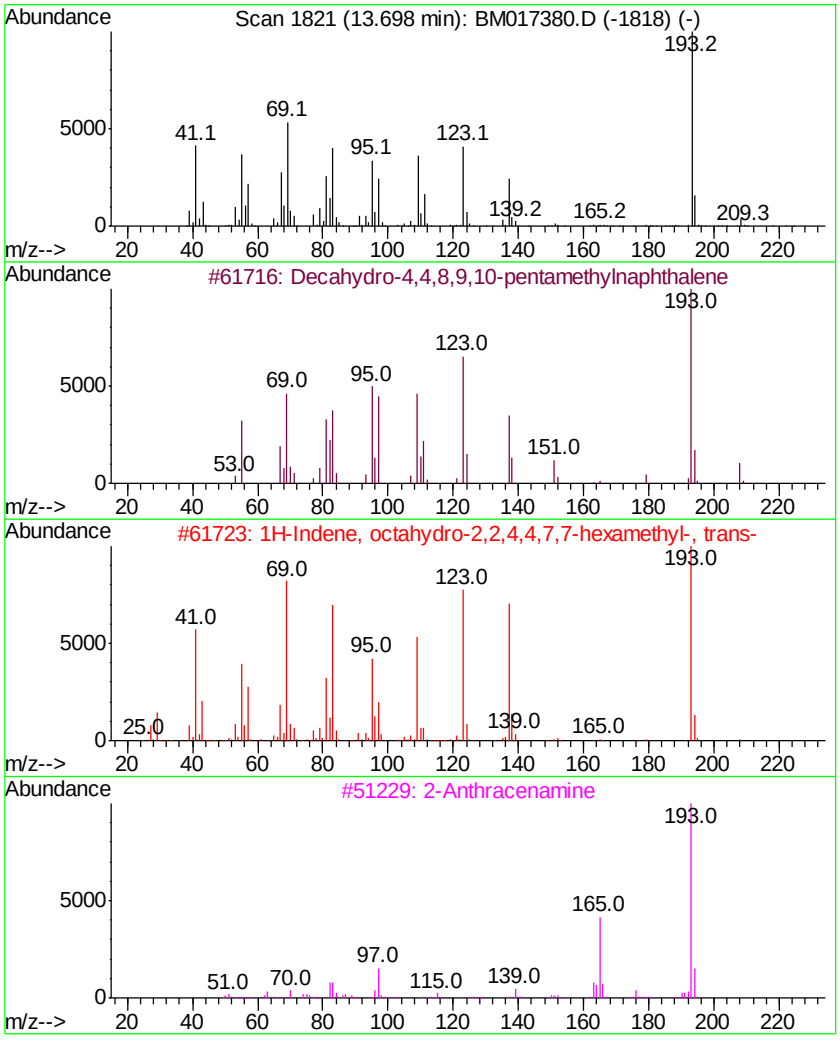
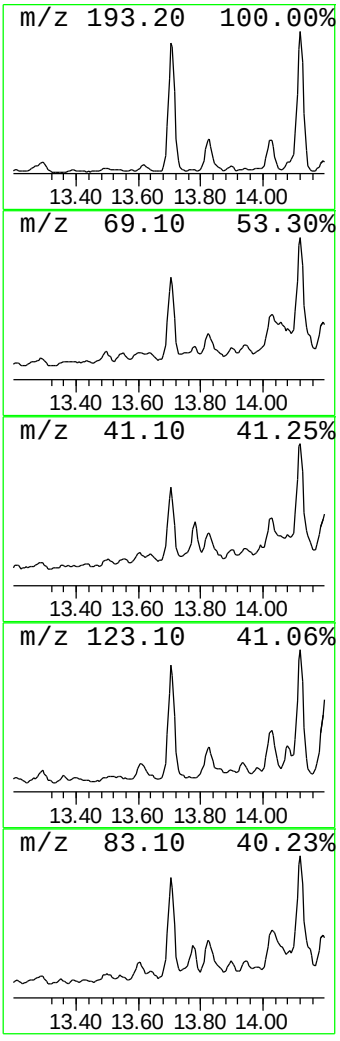
Peak Number 11 unknown-04 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	17.44 ng/ul	4936150	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	47
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	39
3	2-Anthracenamine	193	C14H11N	000613-13-8	35
4	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	27
5	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	25





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Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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Quant Title : SVOA CALIBRATION

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

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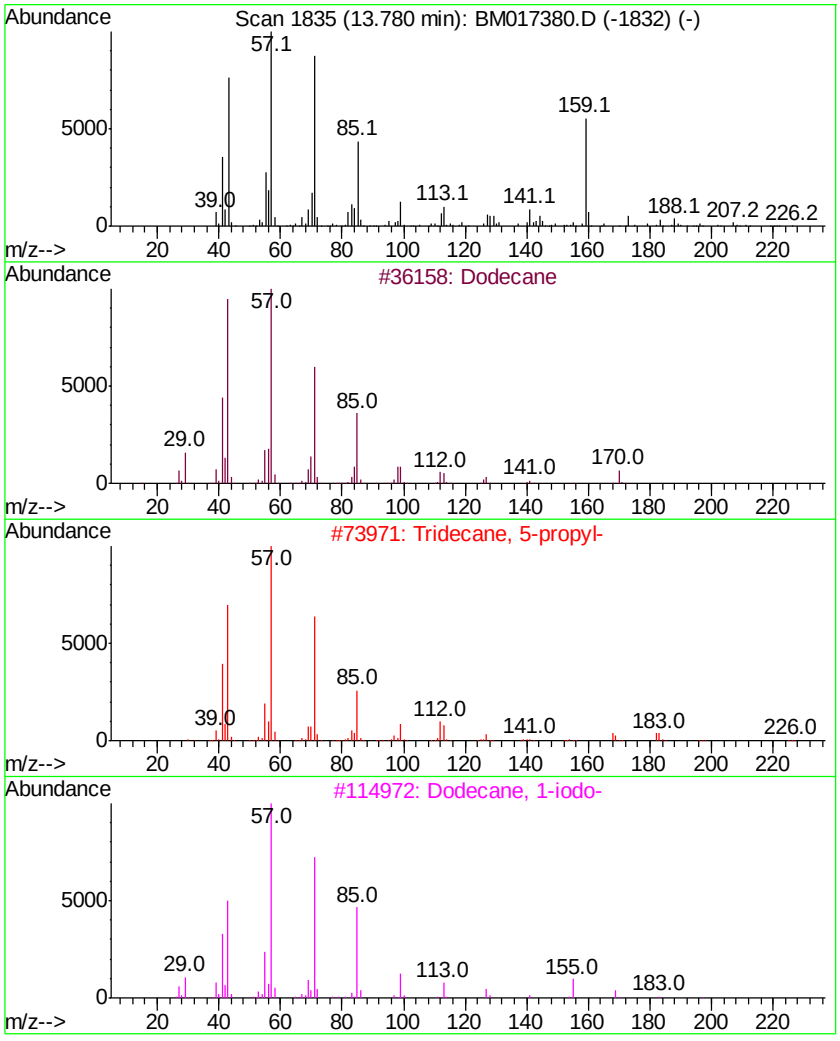
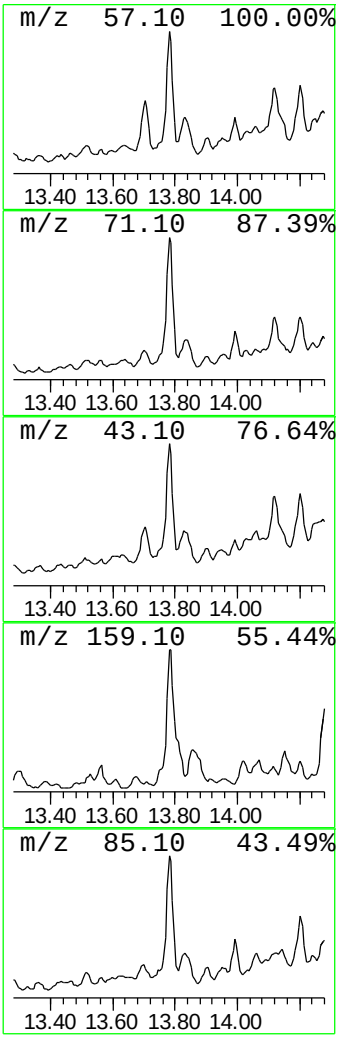
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	9.09 ng/ul	2574790	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	70
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	58
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
4	Tetradecane	198	C14H30	000629-59-4	58
5	Tridecane	184	C13H28	000629-50-5	58





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Operator : MJ/SJ
Sample : J5673-10
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Quant Title : SVOA CALIBRATION

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

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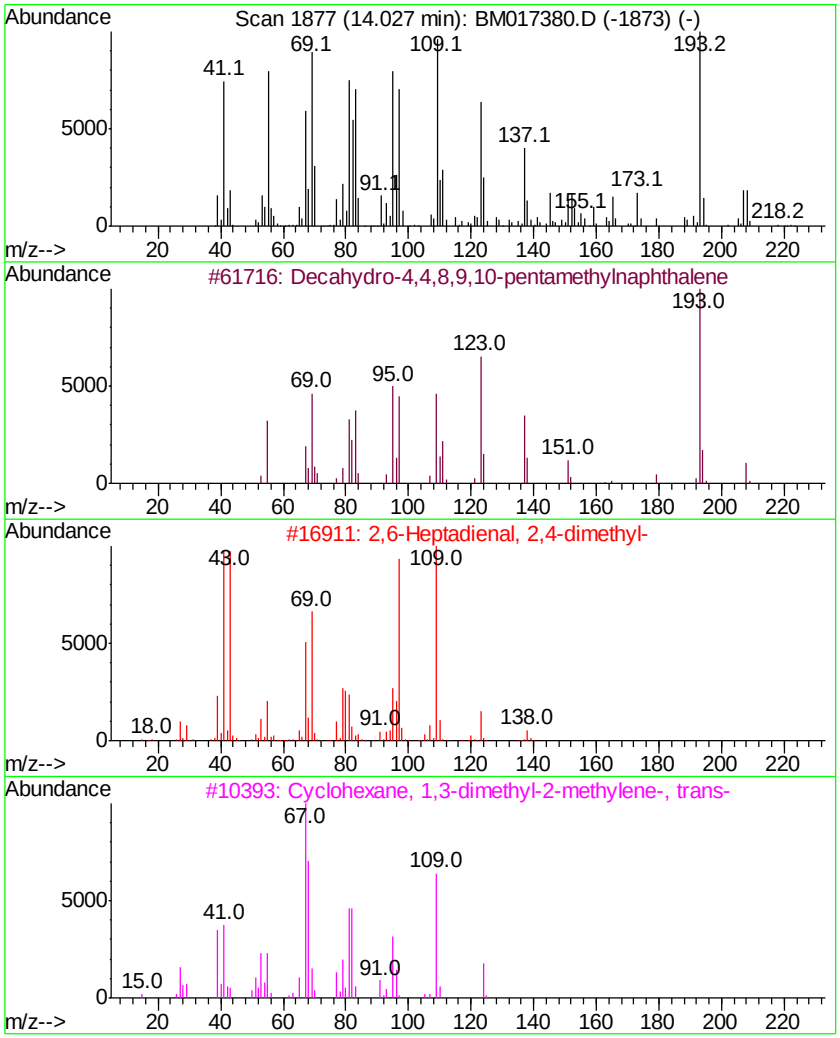
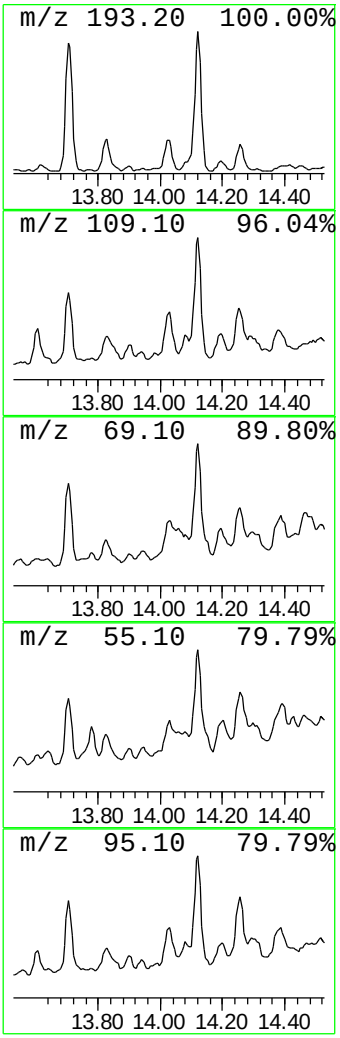
Peak Number 14 unknown-05 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	12.20 ng/ul	3453450	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	49
2	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	42
3	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	38
4	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	30
5	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	25





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Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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Quant Title : SVOA CALIBRATION

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

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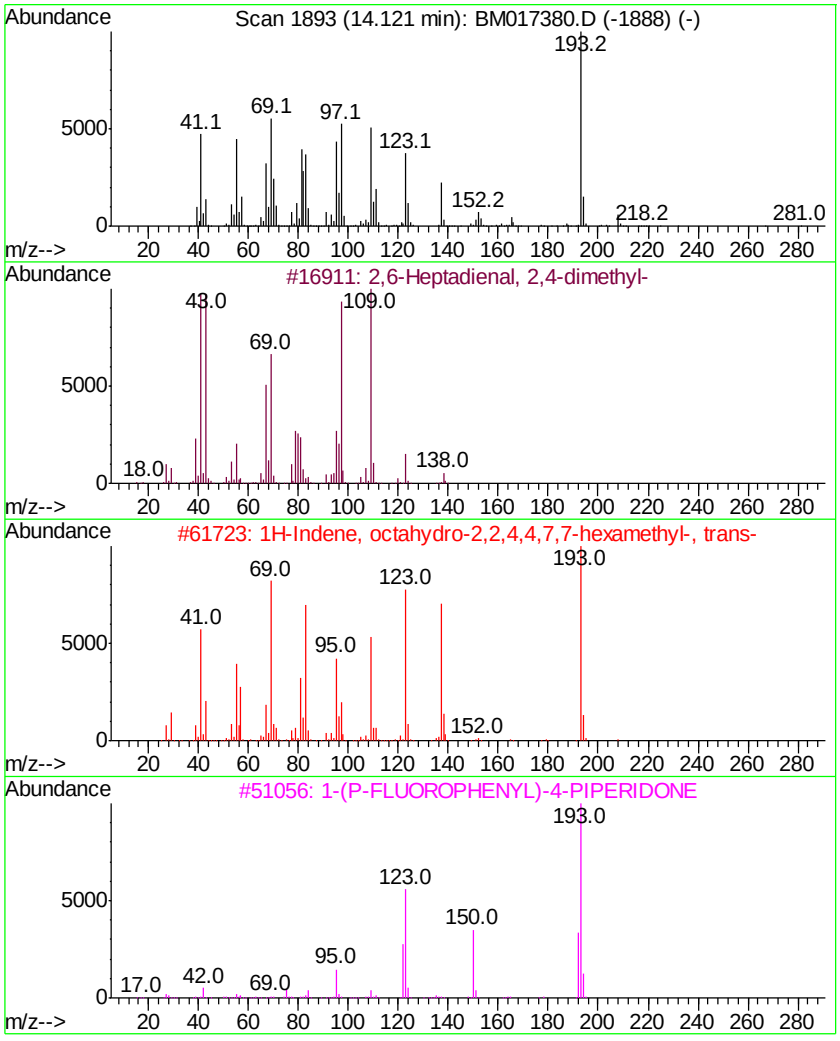
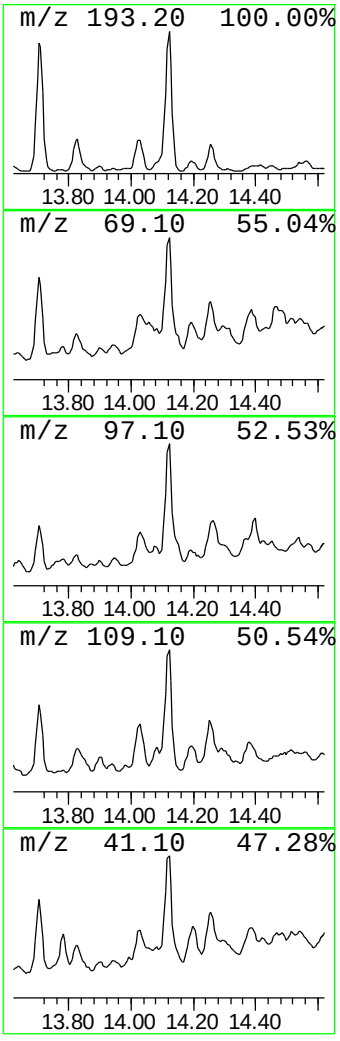
Peak Number 15 unknown-06 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	33.20 ng/ul	9400390	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	38
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	38
3	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	35
4	2-Phenylindolizine	193	C14H11N	025379-20-8	22
5	9-Undecenol, 2,10-dimethyl-	198	C13H26O	1000131-86-0	22





Library Search Compound Report

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ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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Quant Title : SVOA CALIBRATION

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

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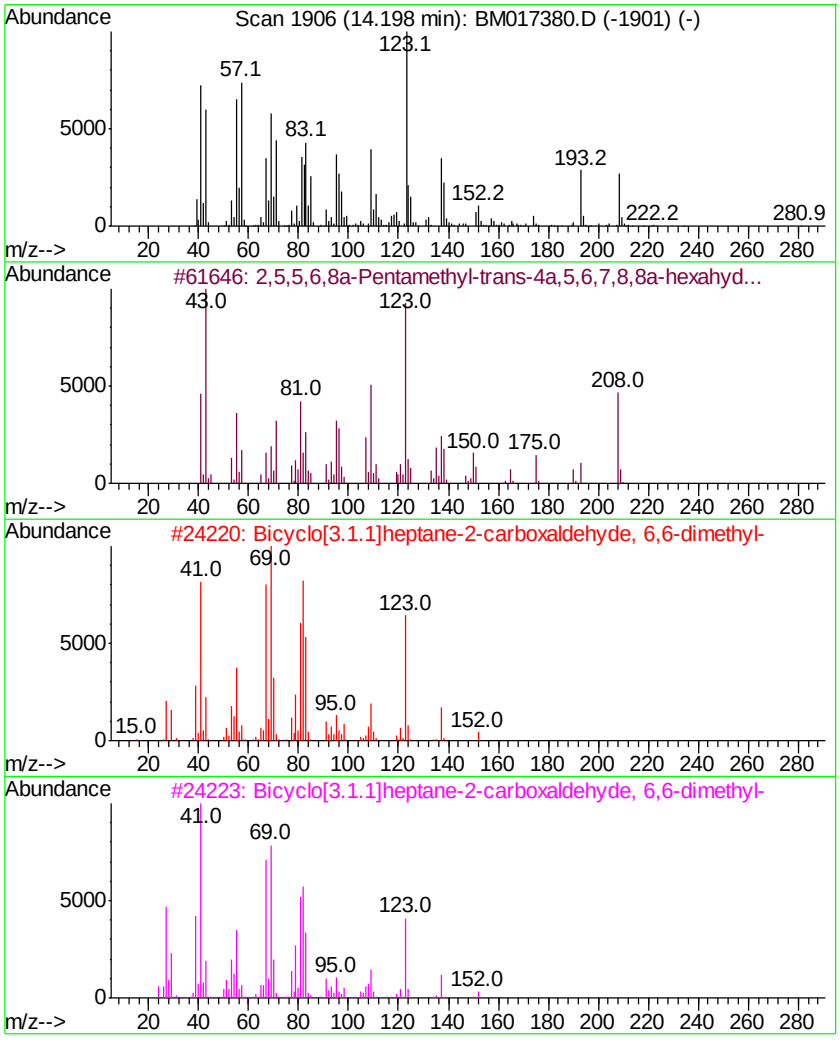
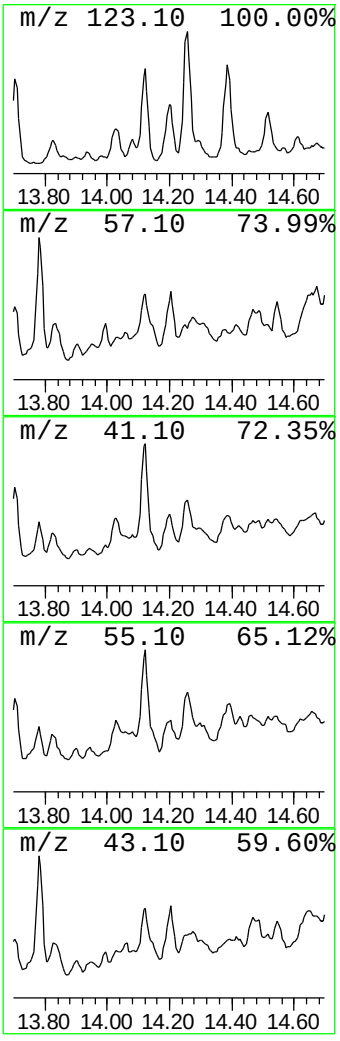
Peak Number 16 2,5,5,6,8a-Pentamethyl-tran... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	11.81 ng/ul	3344190	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,5,6,8a-Pentamethyl-trans-4a,...	208	C14H24O	1000215-77-8	64
2	Bicyclo[3.1.1]heptane-2-carboxal...	152	C10H16O	004764-14-1	47
3	Bicyclo[3.1.1]heptane-2-carboxal...	152	C10H16O	004764-14-1	47
4	(2,4,6-Trimethylcyclohexyl) meth...	156	C10H20O	013702-56-2	38
5	1,4-Hexadiene, 2,3,4,5-tetramethyl-	138	C10H18	051504-54-2	38





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ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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Quant Title : SVOA CALIBRATION

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

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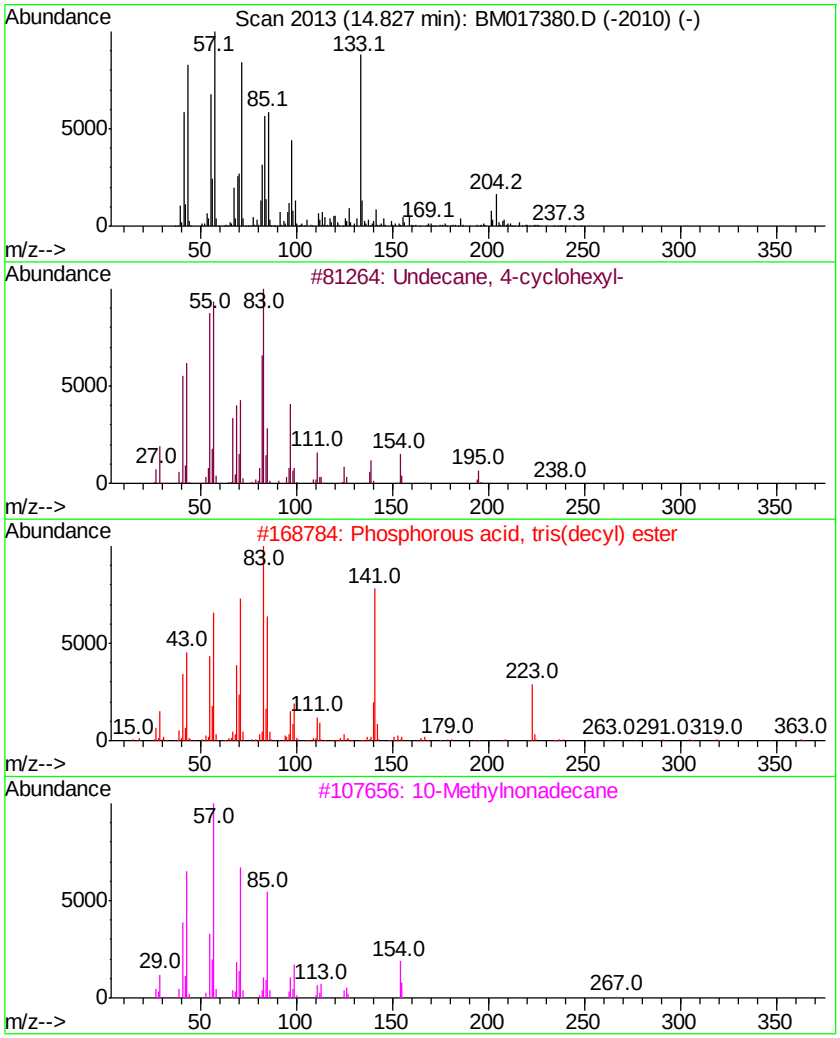
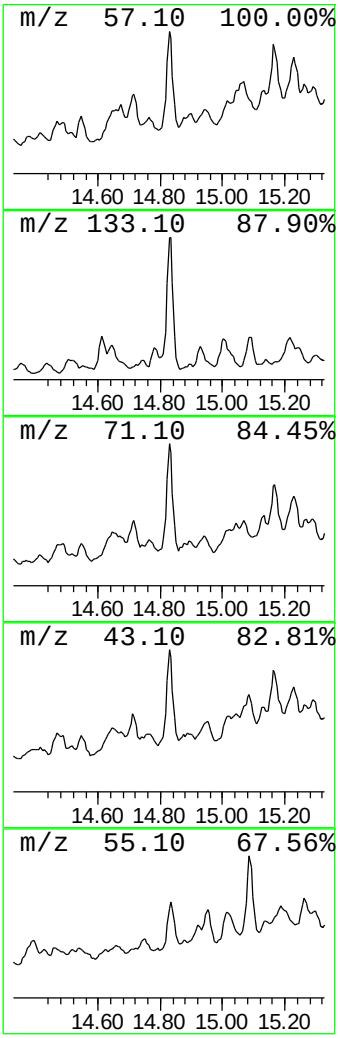
Peak Number 17 (DEL) Alkane: Cyclic14.83 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	16.74 ng/ul	4739980	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-cyclohexyl-	238	C17H34	013151-79-6	46
2	Phosphorous acid, tris(decyl) ester	502	C30H63O3P	002929-86-4	46
3	10-Methylnonadecane	282	C20H42	056862-62-5	22
4	Nonadecane	268	C19H40	000629-92-5	22
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	22





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Quant Title : SVOA CALIBRATION

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

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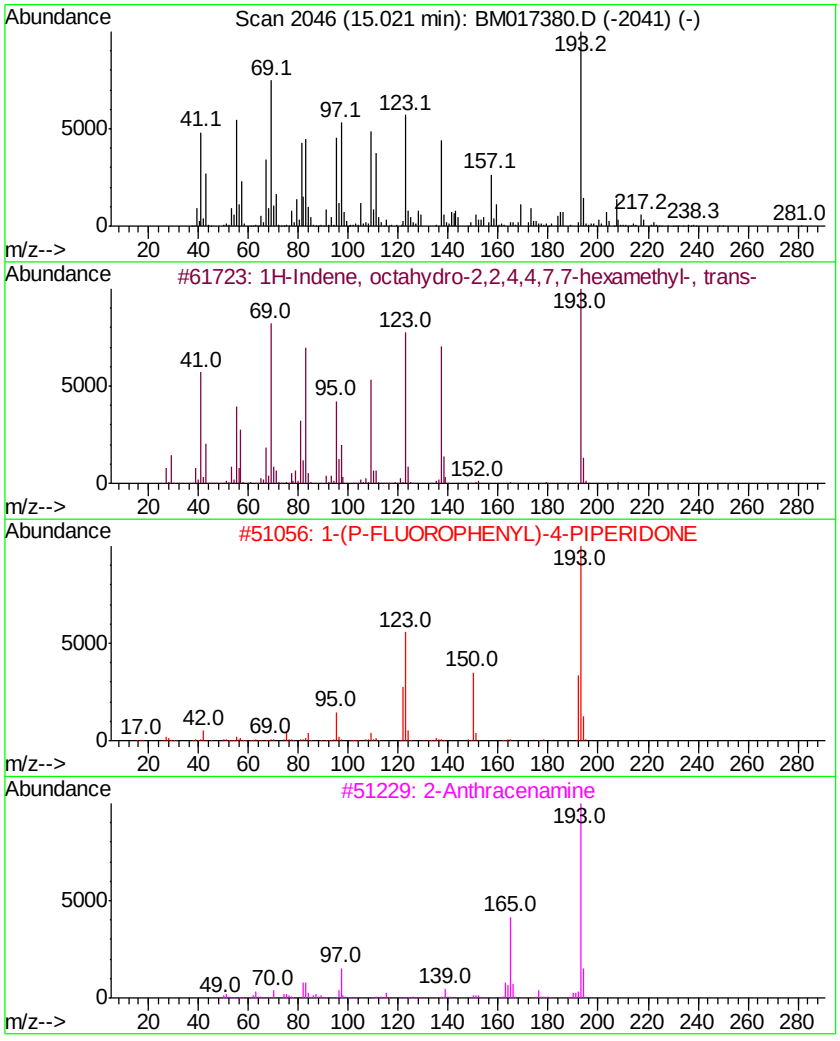
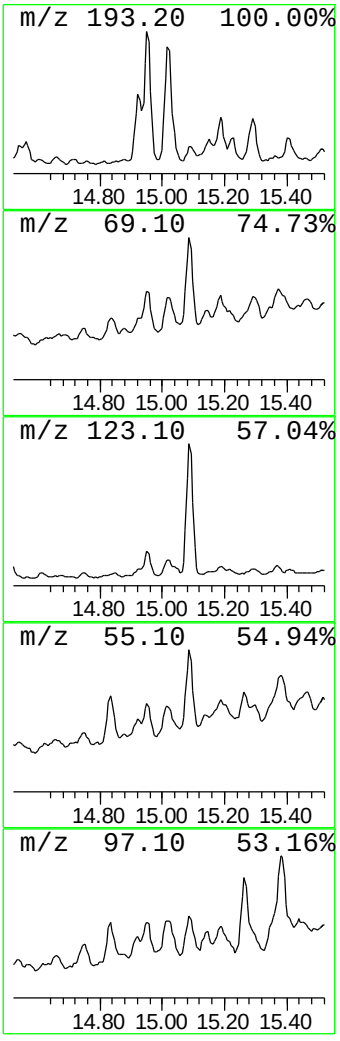
Peak Number 18 1H-Indene, octahydro-2,2,4,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	18.75 ng/ul	5308730	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	52
2	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	30
3	2-Anthracenamine	193	C14H11N	000613-13-8	22
4	6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	14
5	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	11





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ClientSampleId : C0BL4

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Quant Title : SVOA CALIBRATION

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

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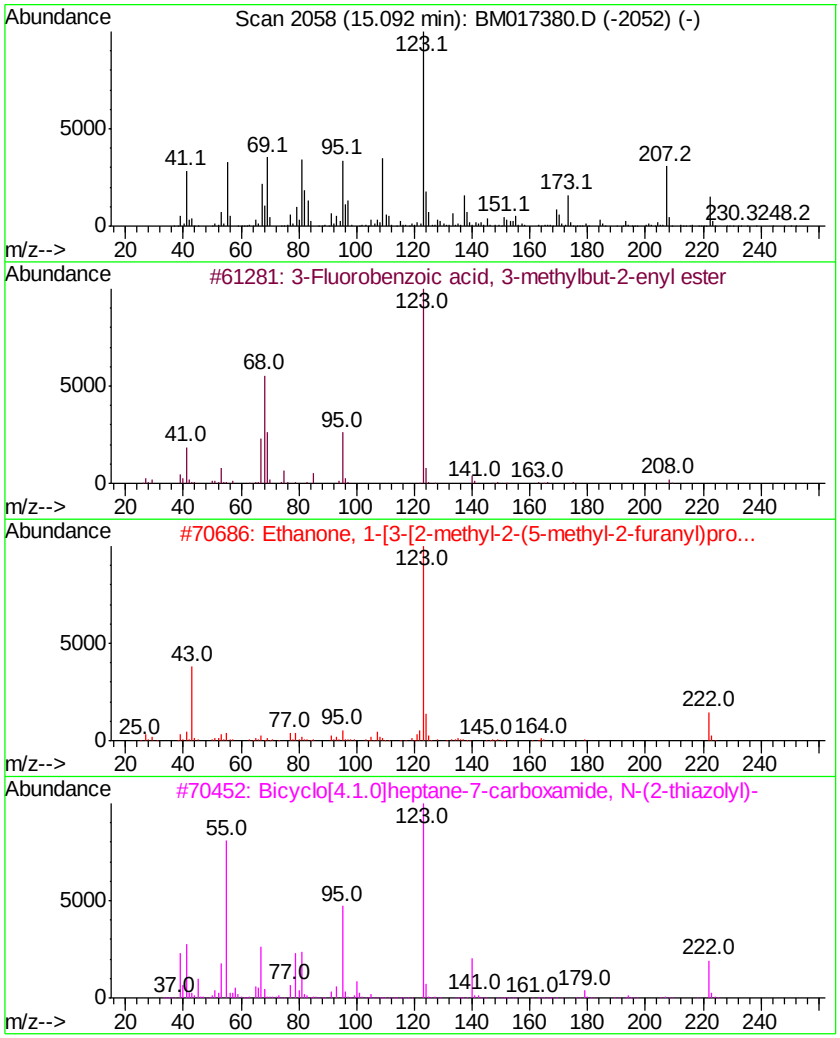
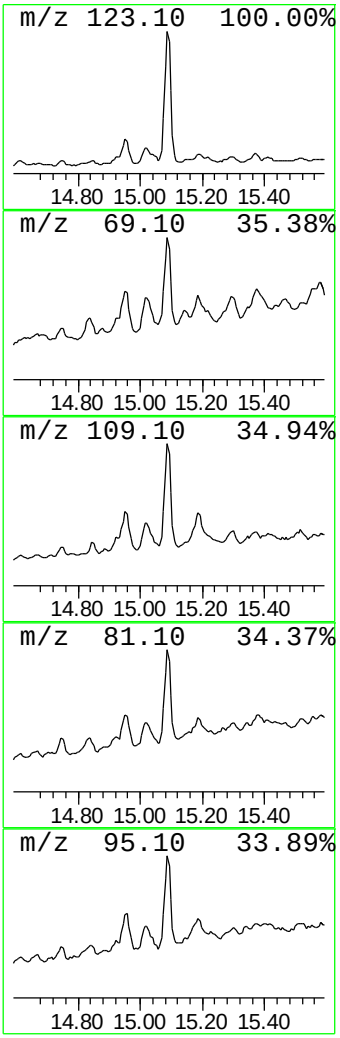
Peak Number 19 unknown-07 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	44.12 ng/ul	12489800	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	43
2	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	43
3	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	43
4	1-Butanone, 1-bicyclo[4.1.0]hept...	166	C11H18O	054764-62-4	43
5	1-Butanone, 4-chloro-1-(4-fluoro...	200	C10H10ClFO	003874-54-2	38





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Quant Title : SVOA CALIBRATION

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

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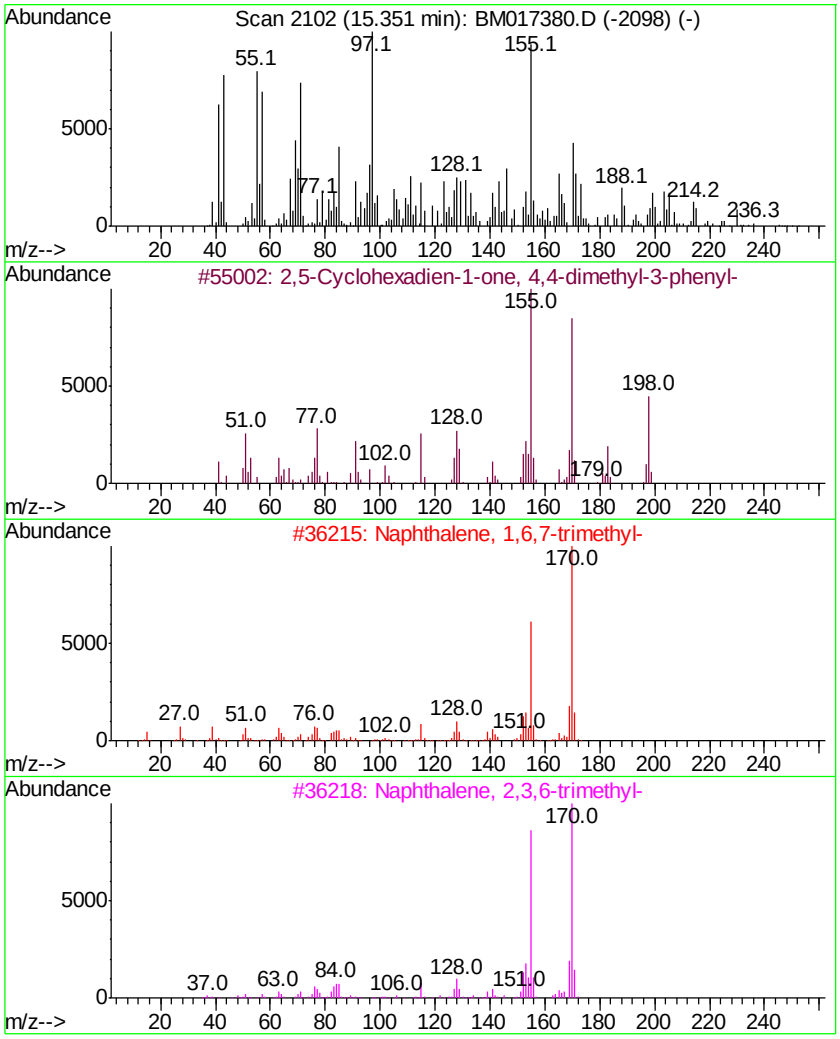
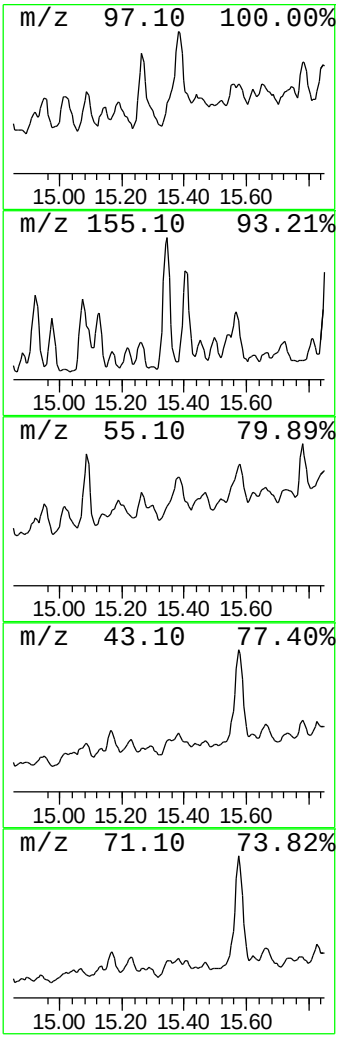
Peak Number 20 2,5-Cyclohexadien-1-one, 4,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	10.02 ng/ul	2837270	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadien-1-one, 4,4-dim...	198	C14H14O	055162-56-6	83
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	78
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64





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Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

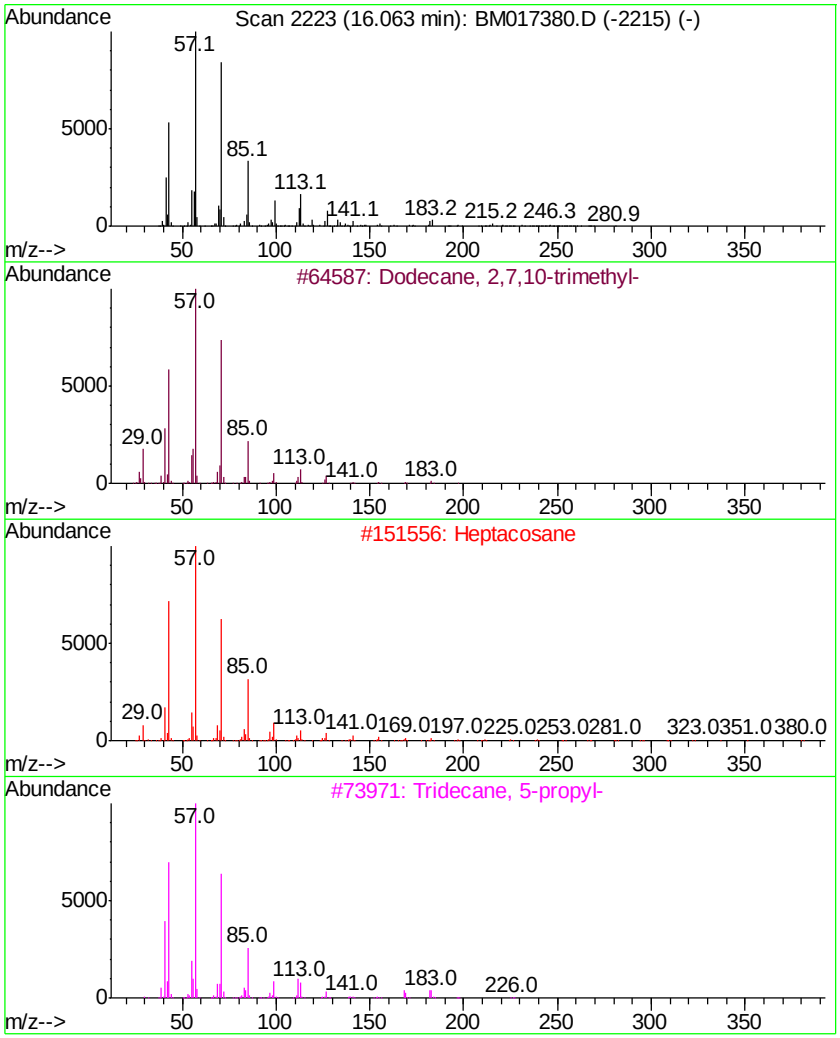
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

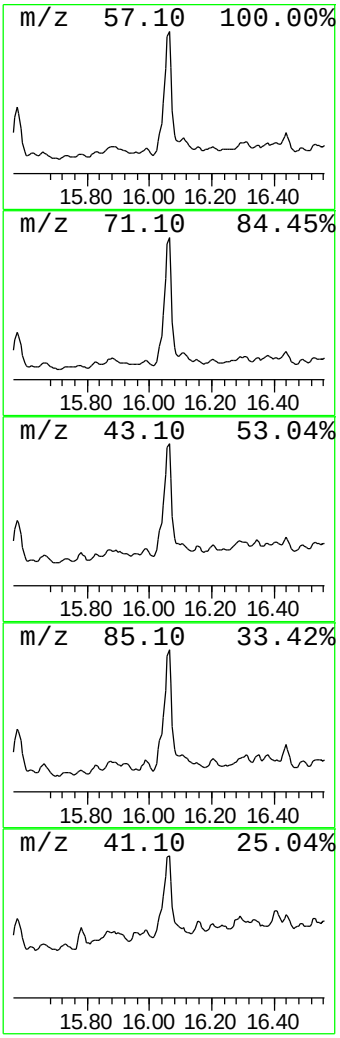
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	20.00 ng/ul	23264300	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Heptacosane	380	C27H56	000593-49-7	72
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	68
4	Tridecane	184	C13H28	000629-50-5	59
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	50





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Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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

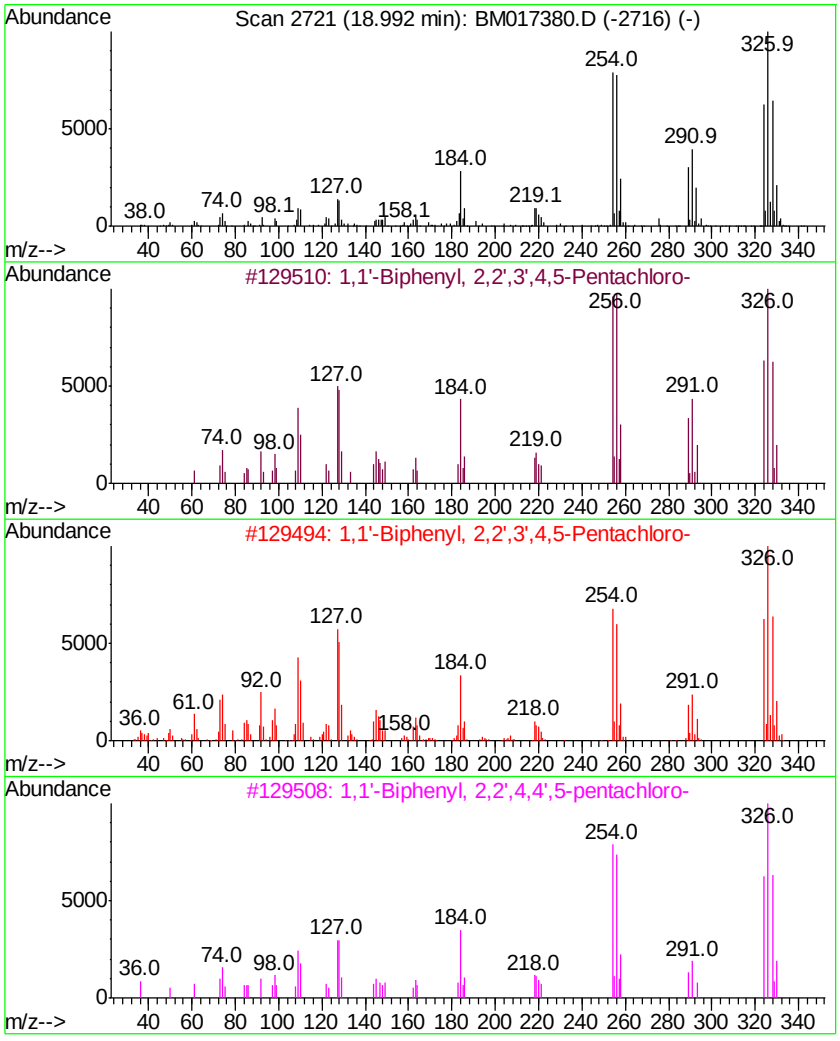
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

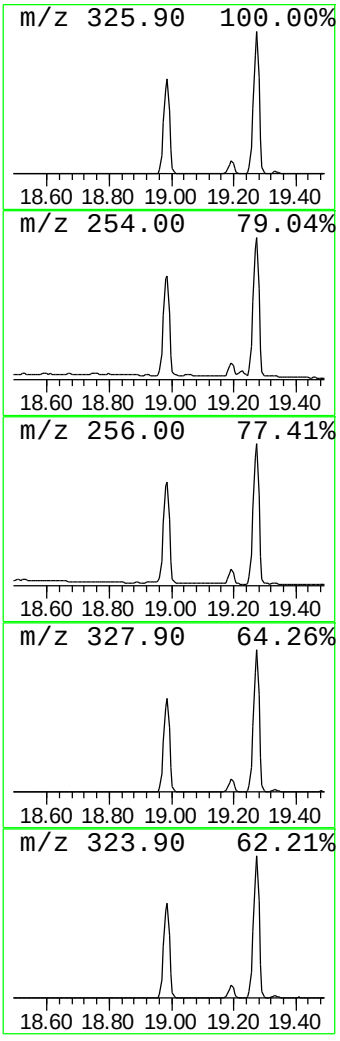
****

Peak Number 22 1,1'-Biphenyl, 2,2',3',4,5-... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	8.68 ng/ul	10094400	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	97
5	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	97





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Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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Quant Title : SVOA CALIBRATION

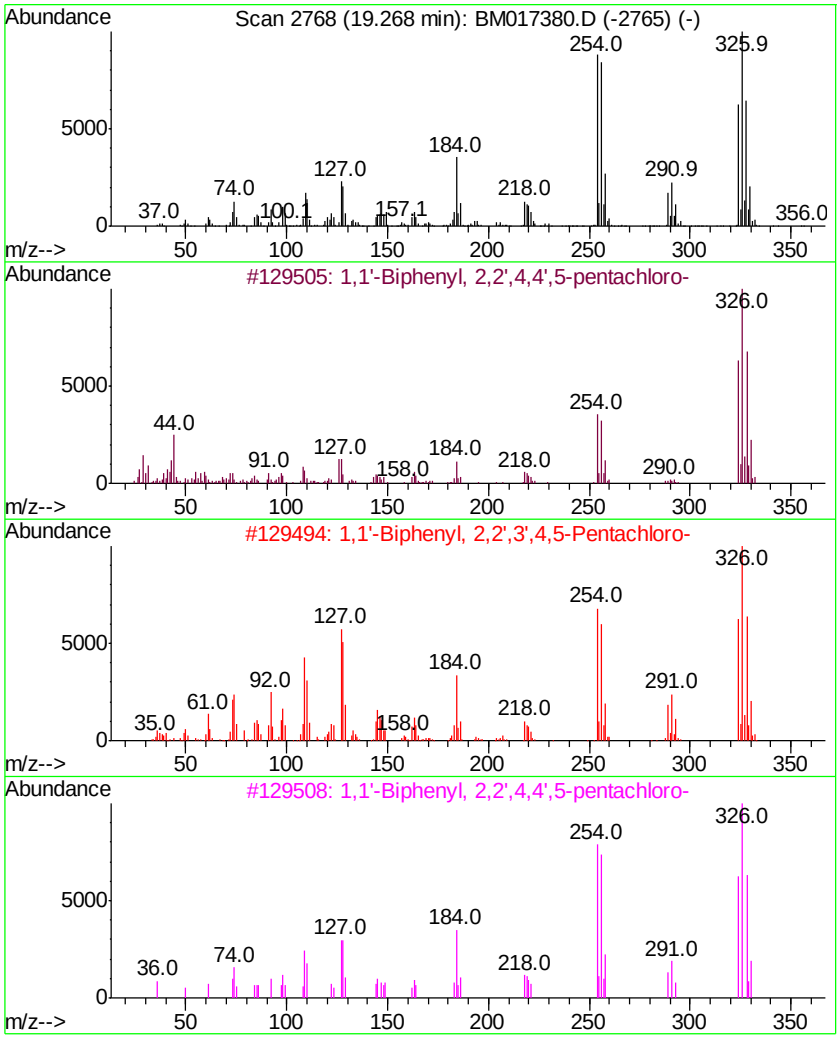
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

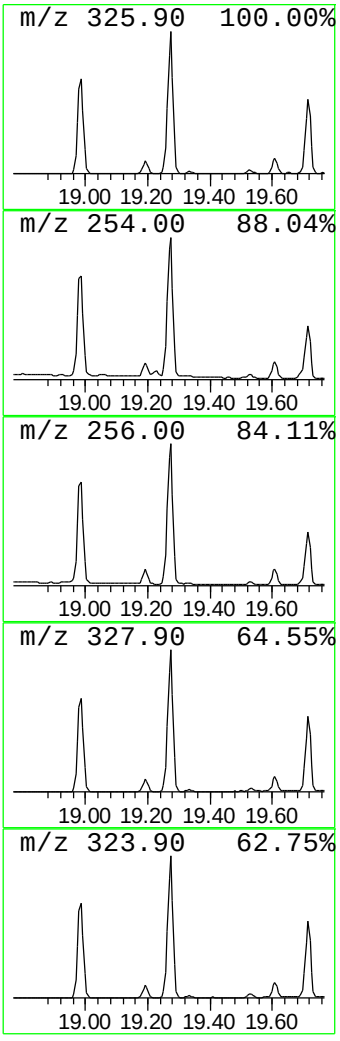
****

Peak Number 23 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	50.02 ng/ul	11573000	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	98





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Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

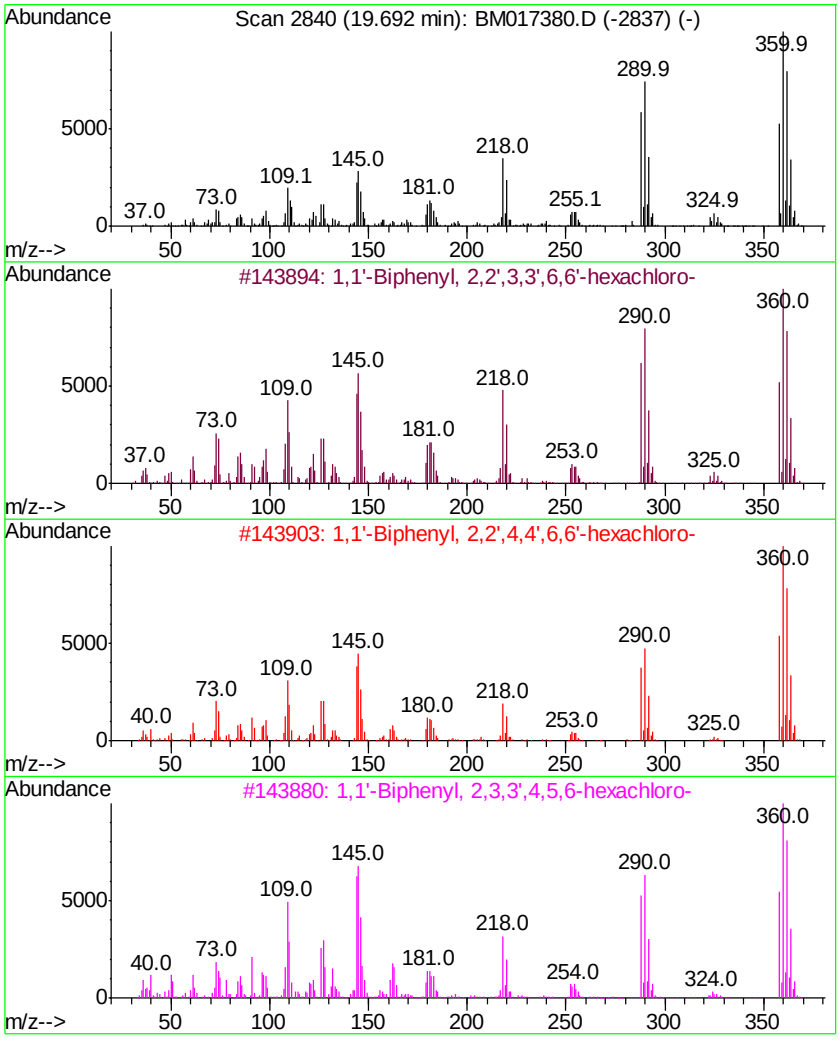
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

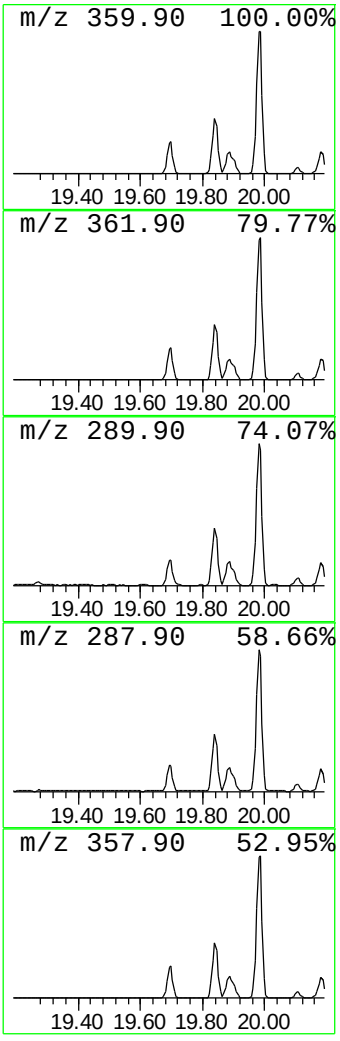
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1,1'-Biphenyl, 2,2',3,3',6,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	24.47 ng/ul	5662930	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
2	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	98
3	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	98
4	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	98
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	97





Library Search Compound Report

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Sample : J5673-10
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ALS Vial : 62 Sample Multiplier: 1

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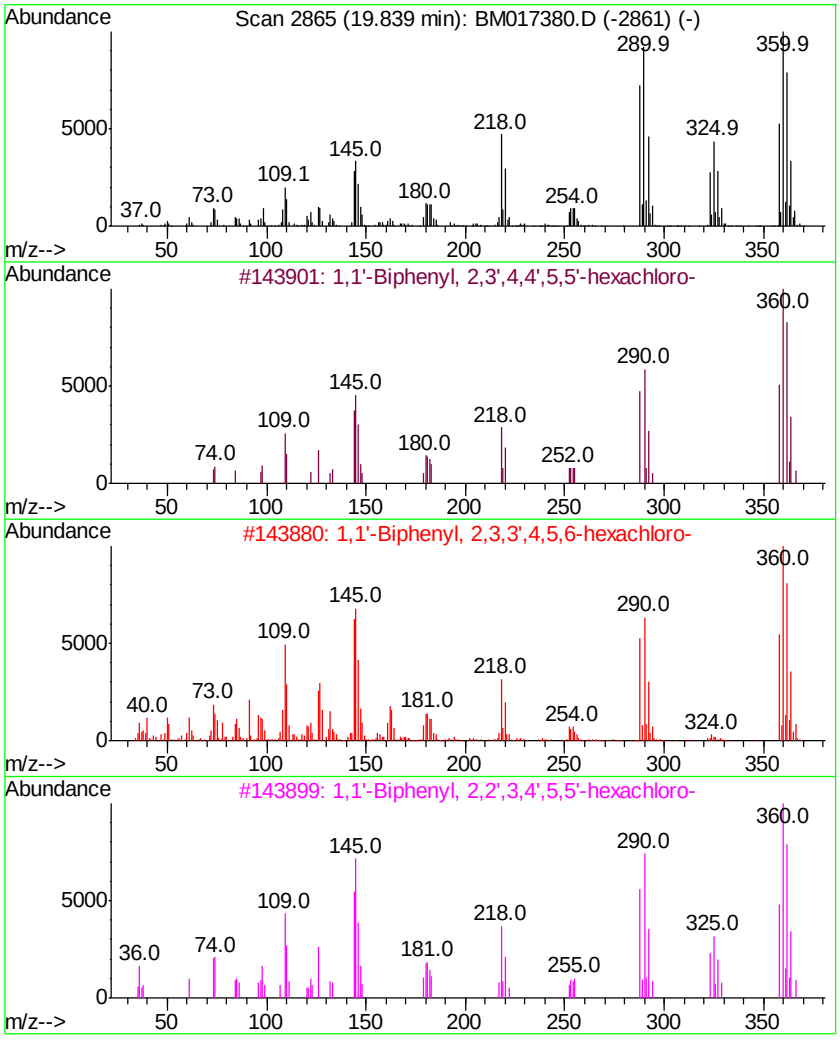
Quant Title : SVOA CALIBRATION

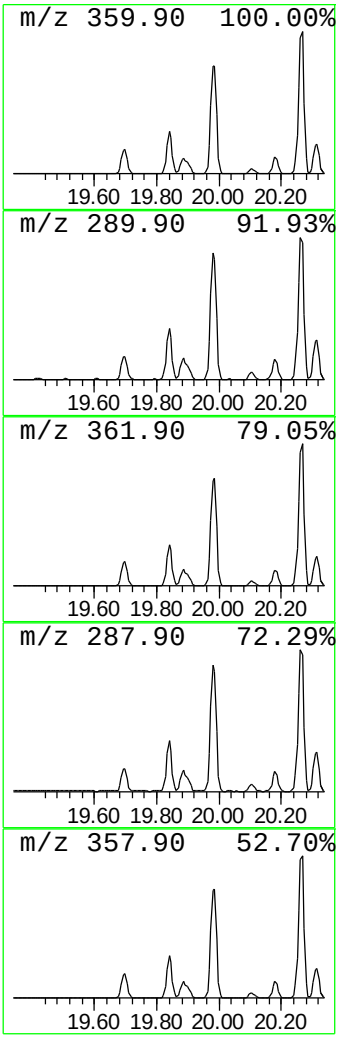
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	48.14 ng/ul	11137800	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99





Library Search Compound Report

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Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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

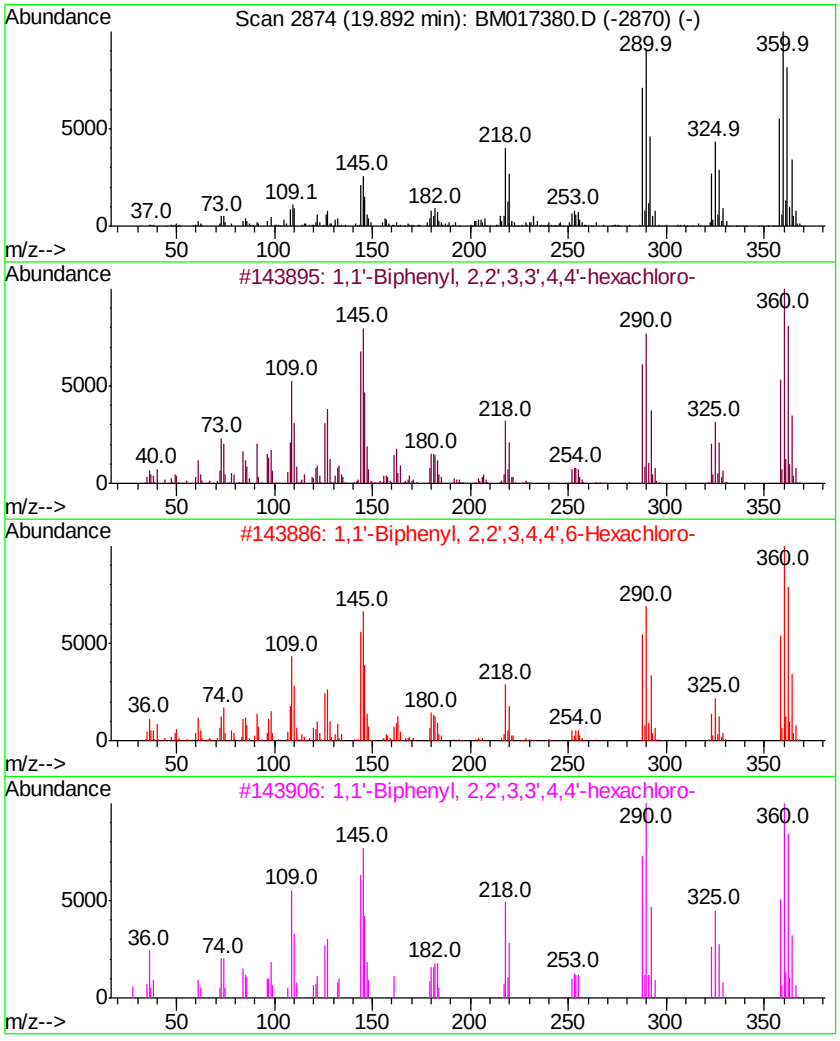
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

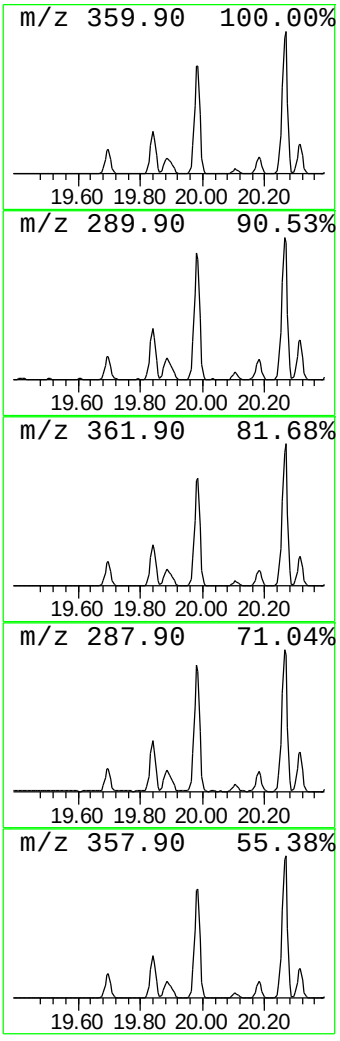
****

Peak Number 26 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	36.30 ng/ul	8399570	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
2	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
3	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
5	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99





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Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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Quant Title : SVOA CALIBRATION

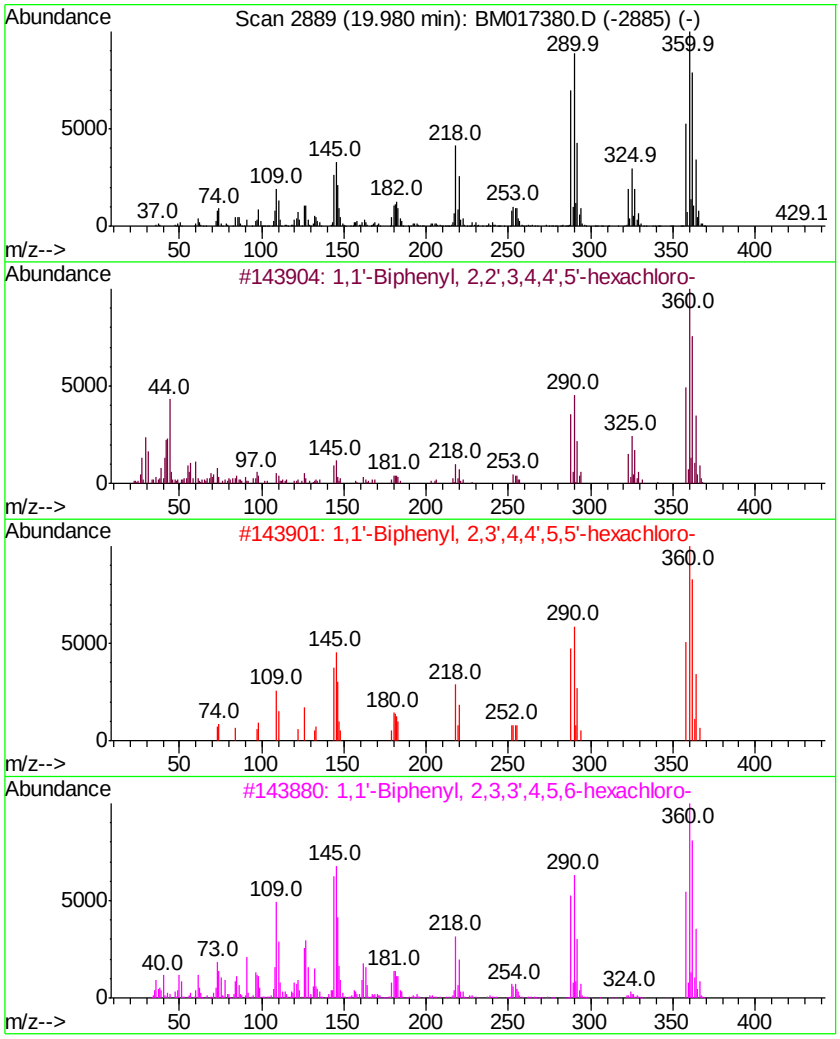
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

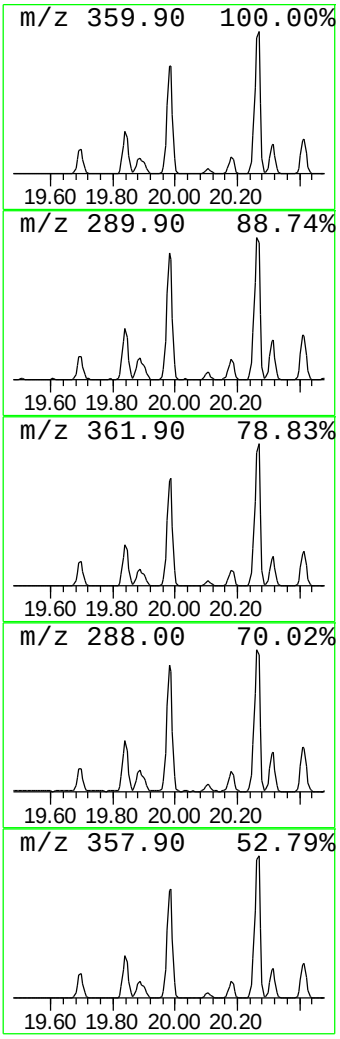
****

Peak Number 27 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	128.28 ng/ul	29681000	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
2	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
4	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99





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Sample : J5673-10
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ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

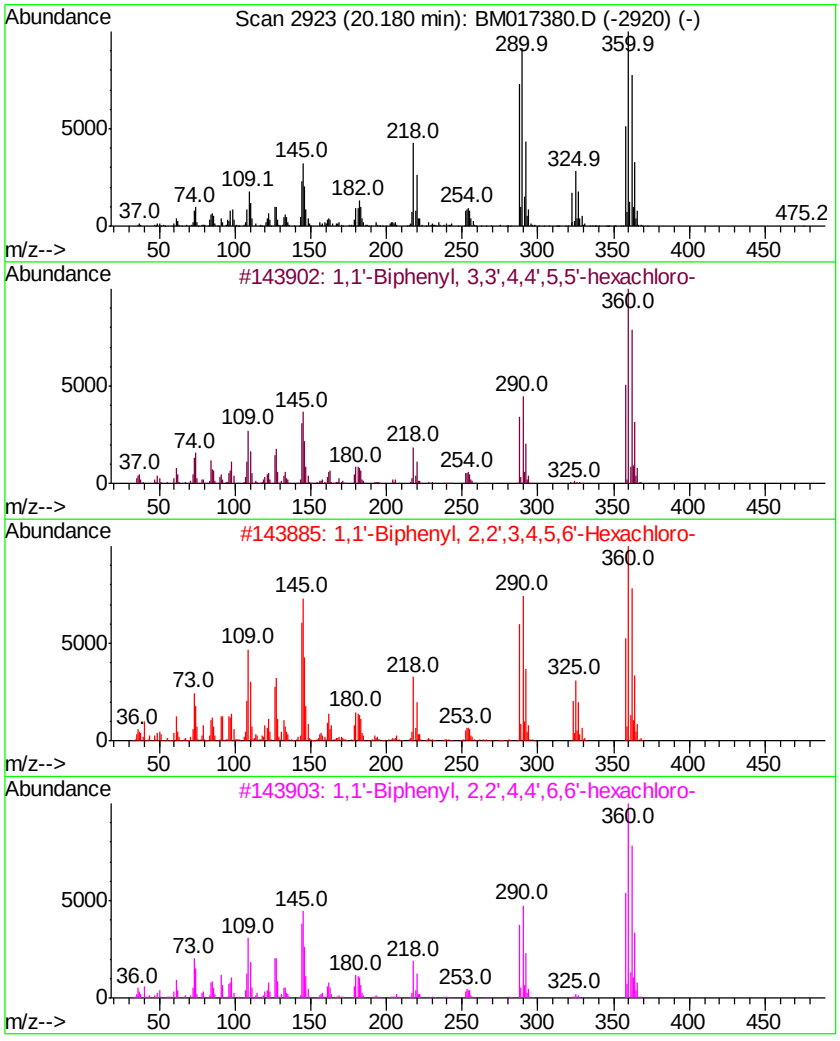
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

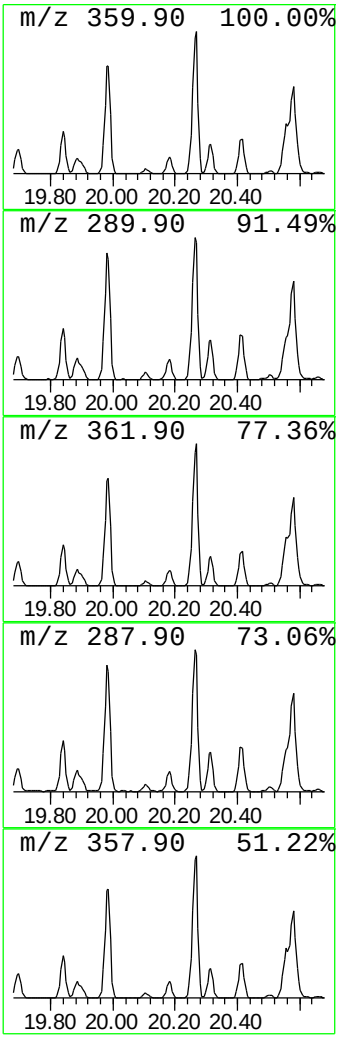
****

Peak Number 28 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.18	23.39 ng/ul	5410890	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
3	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
4	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99





Library Search Compound Report

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Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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Quant Title : SVOA CALIBRATION

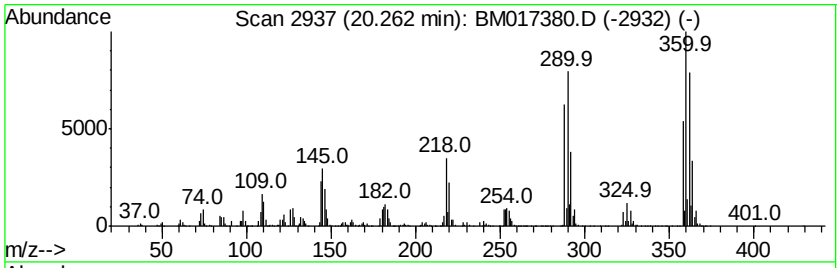
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

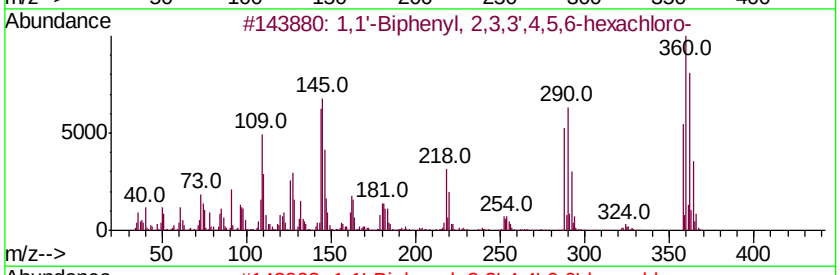
****

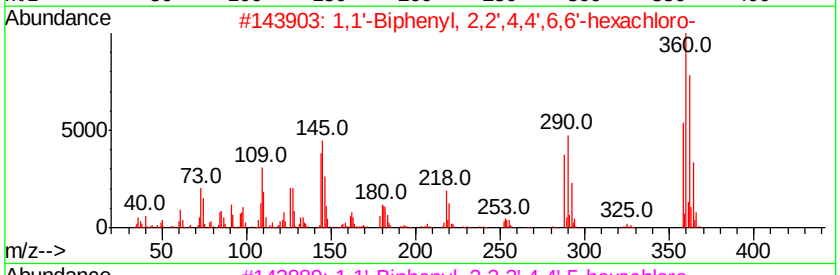
Peak Number 29 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 2

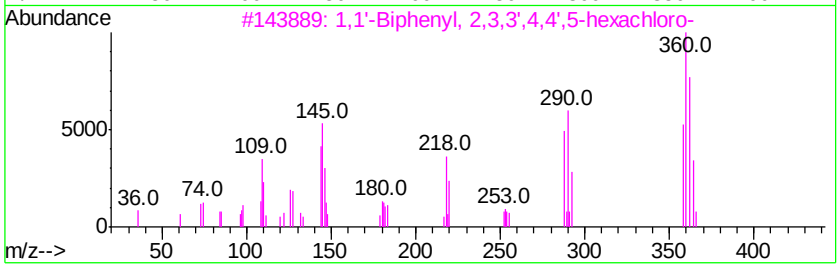
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	147.68 ng/ul	34170500	Chrysene-d12	21.25

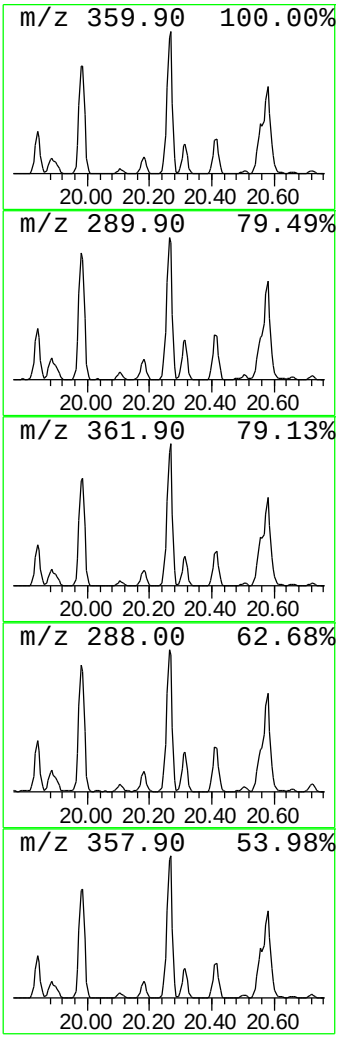
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
2	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	97











Library Search Compound Report

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Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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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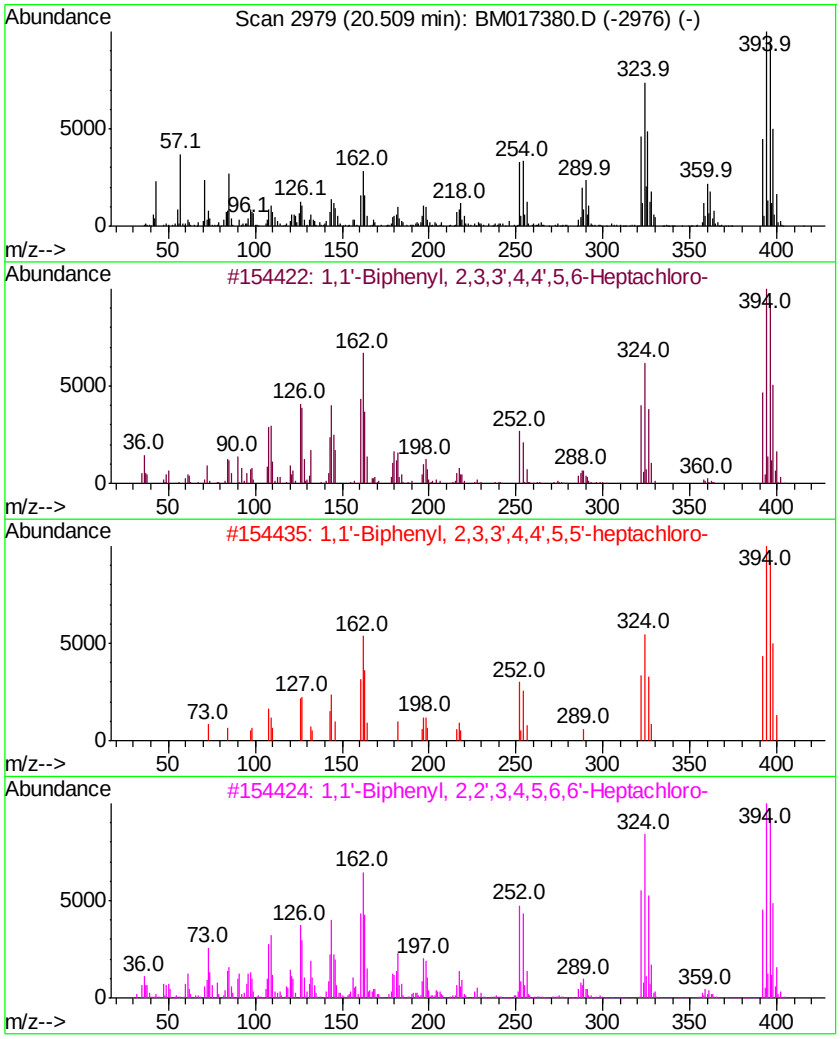
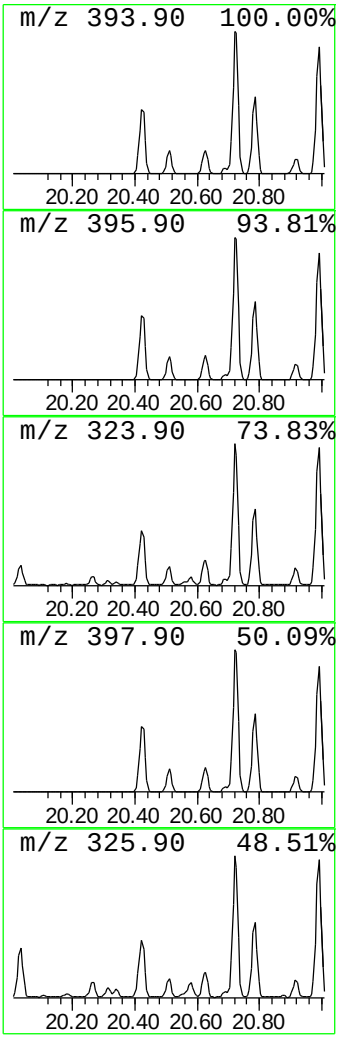
Peak Number 32 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.51	13.64 ng/ul	3156450	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99
2	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
3	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
4	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	95





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Data File : BM017380.D
Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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

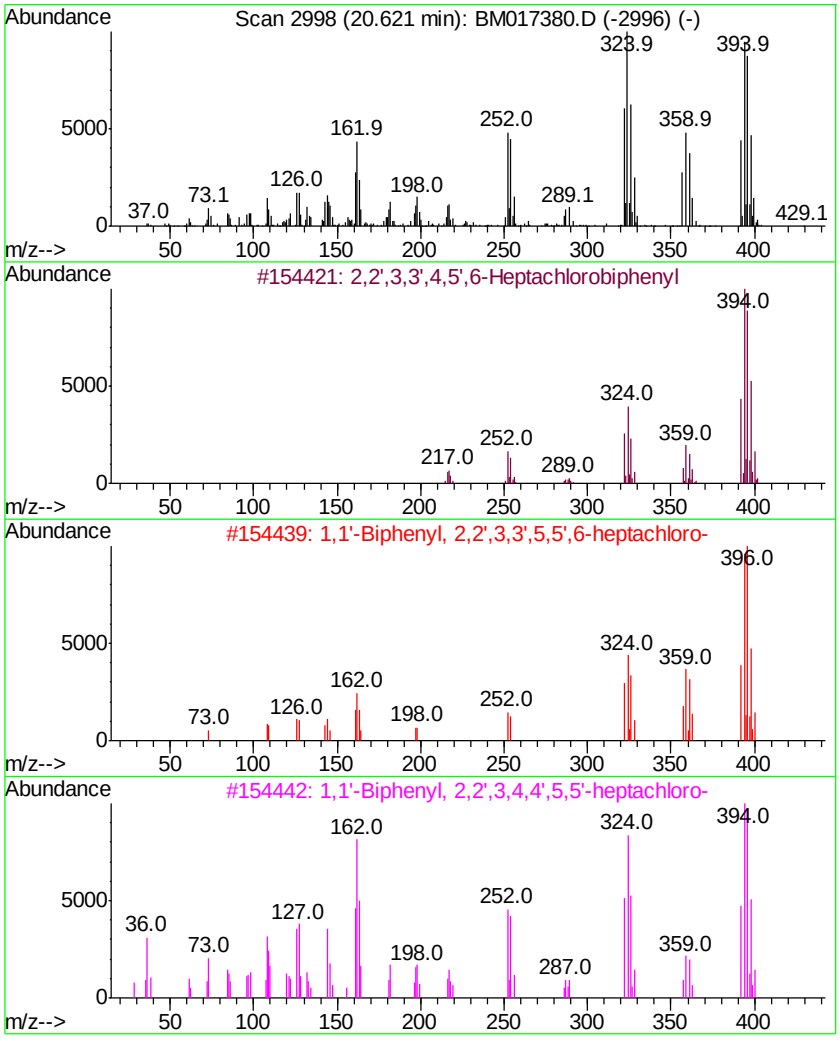
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

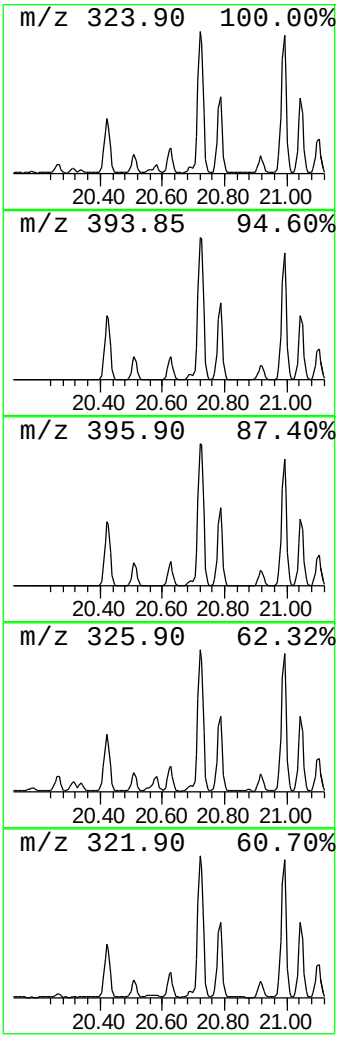
****

Peak Number 34 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	11.47 ng/ul	2653730	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
2	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
4	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017380.D
Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

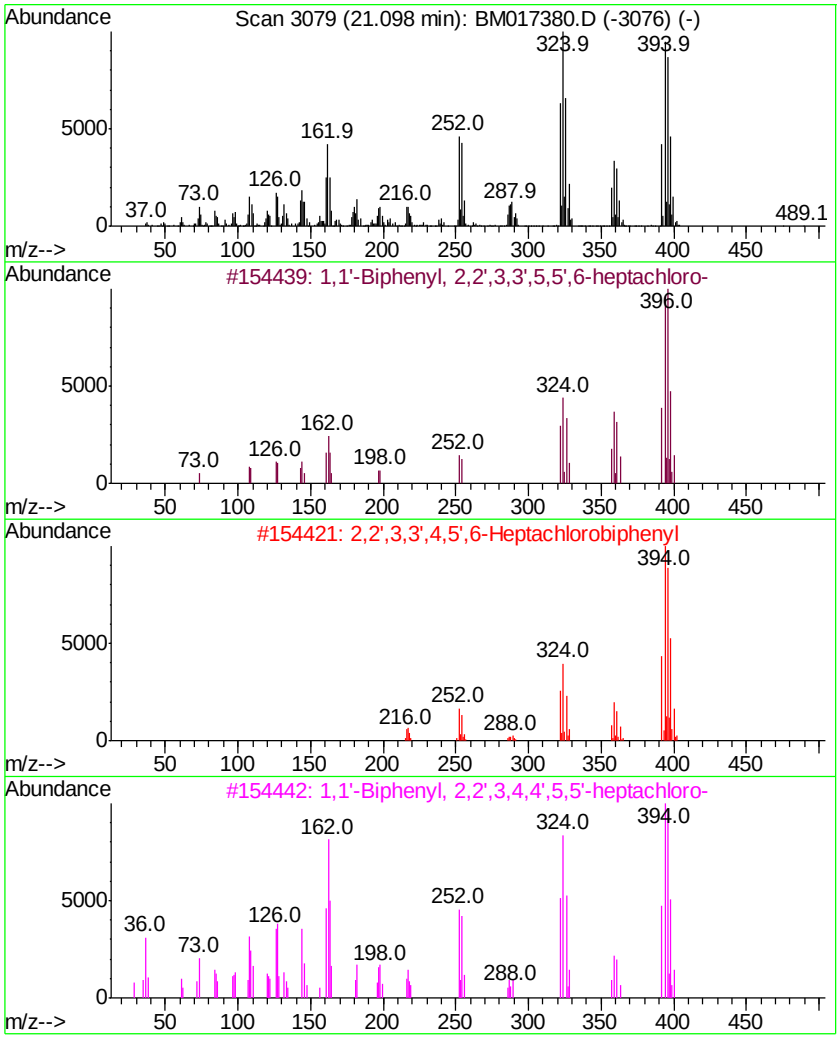
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

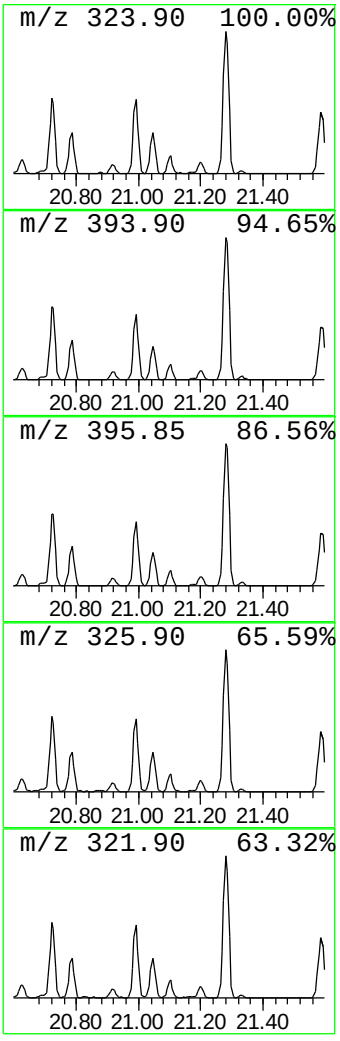
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	16.62 ng/ul	3845670	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
2	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99
5	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017380.D
Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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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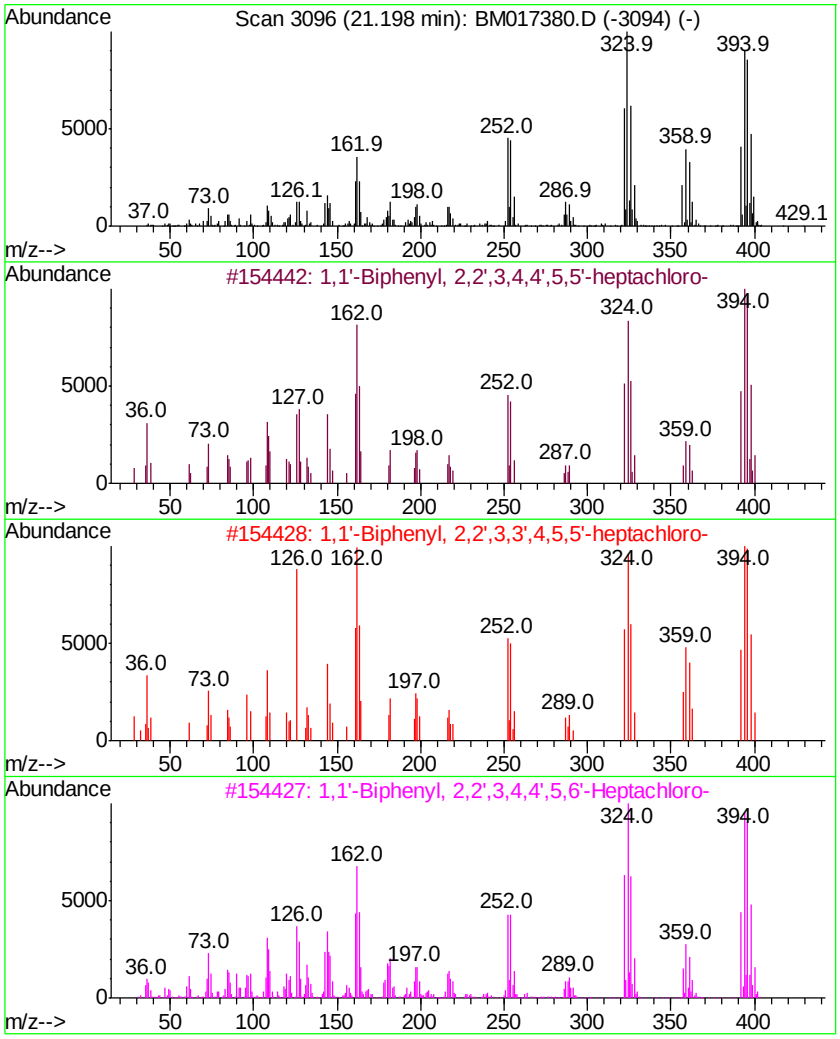
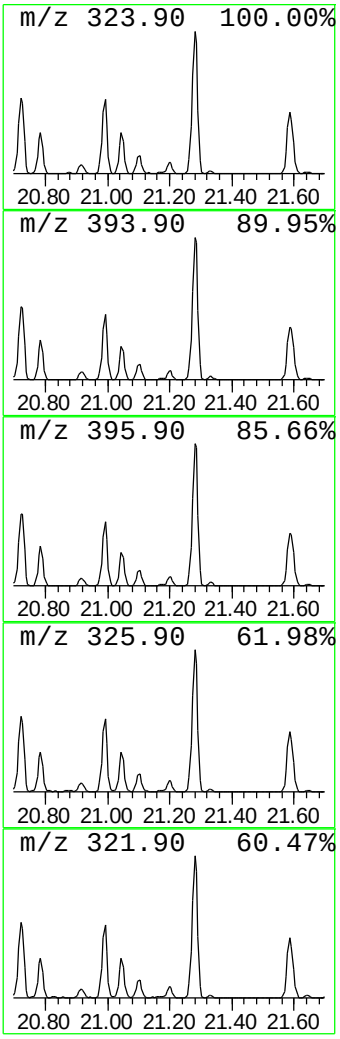
Peak Number 41 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.20	9.53 ng/ul	2205260	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,5'-...	392	C12H3Cl7	052663-74-8	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
4	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017380.D
Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

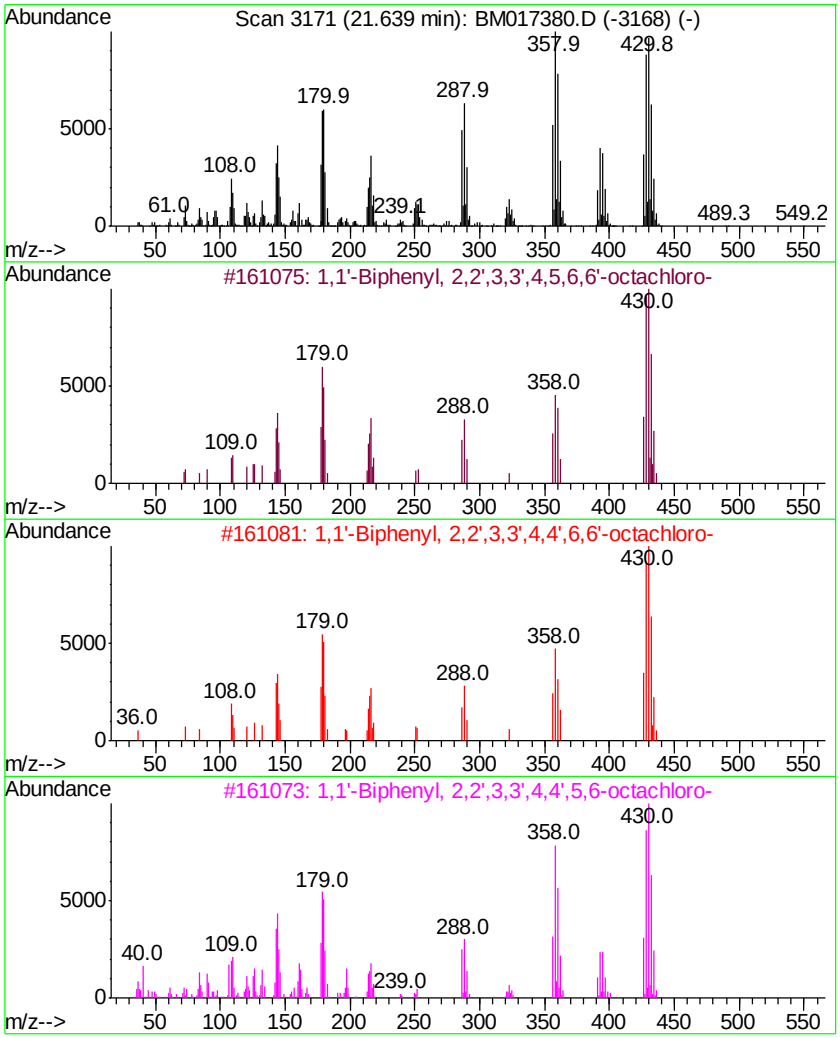
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

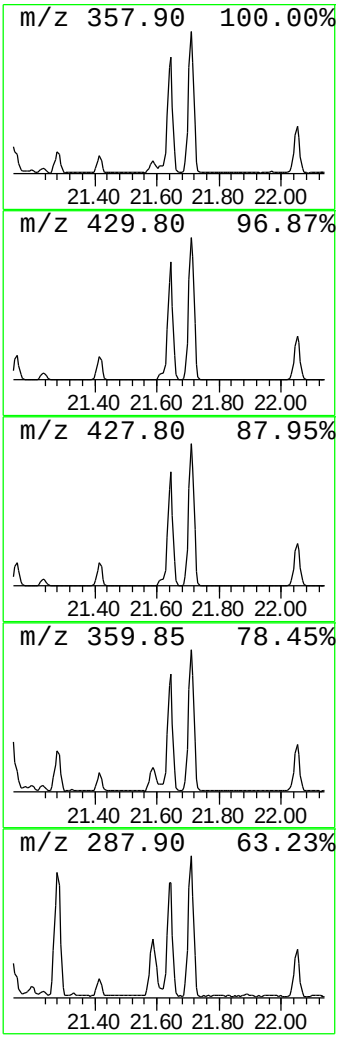
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	31.14 ng/ul	7204480	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99
5	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	99





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Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

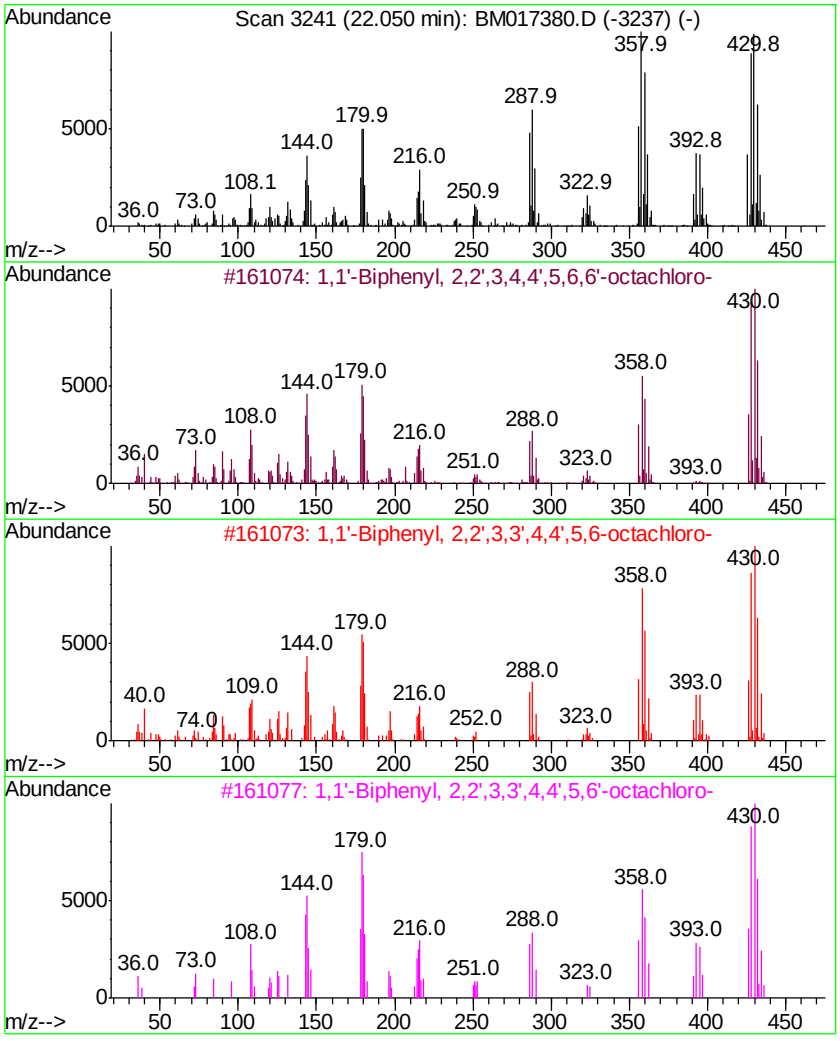
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

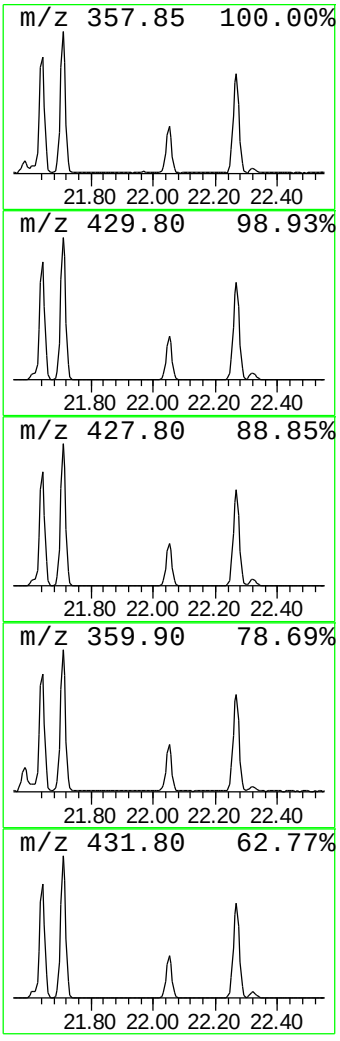
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.05	10.28 ng/ul	2377850	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	042740-50-1	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
5	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
Data File : BM017380.D
Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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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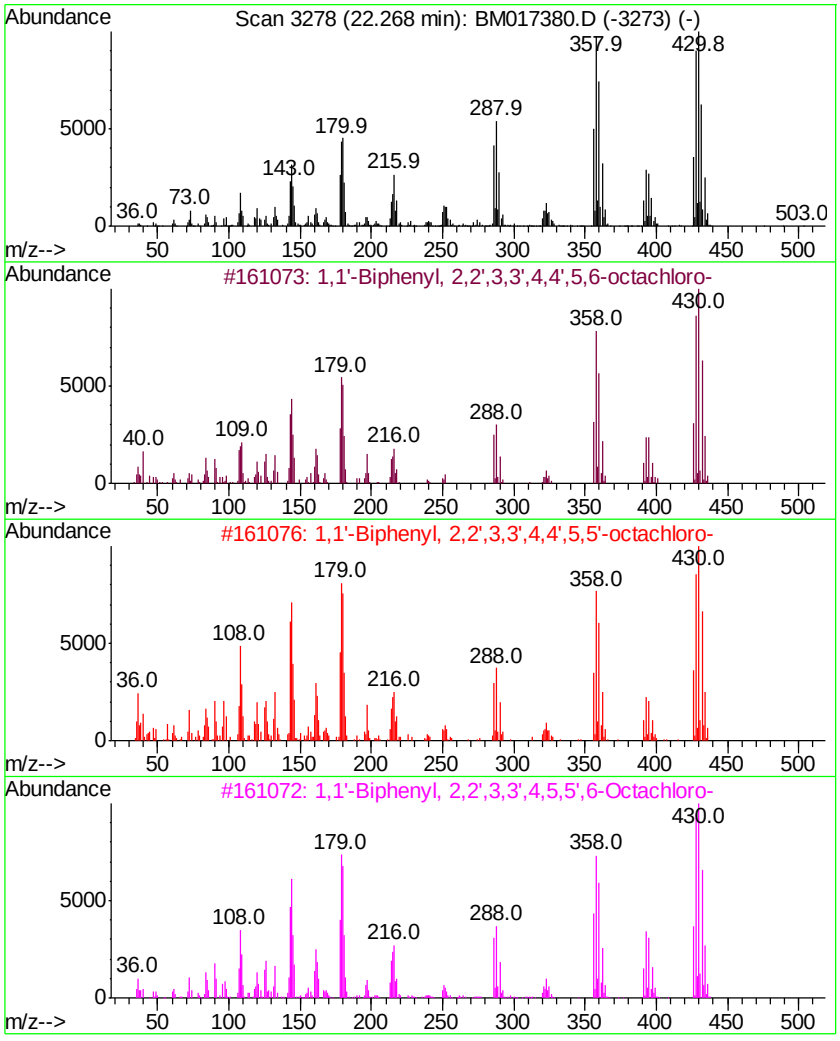
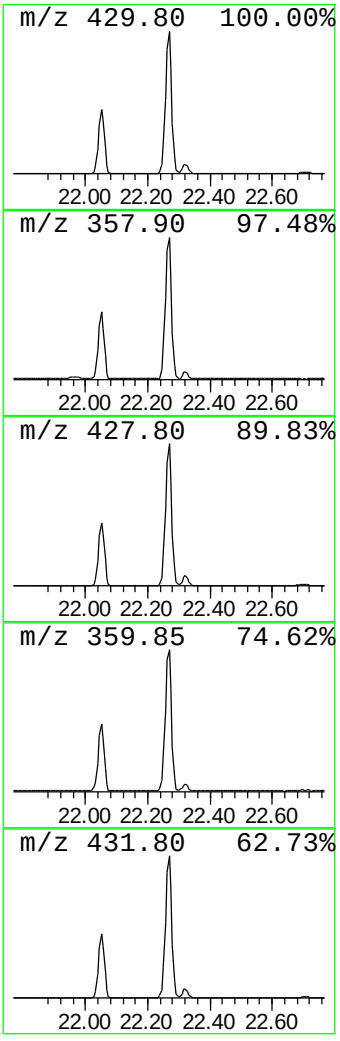
Peak Number 46 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	26.44 ng/ul	6118450	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
3	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	98
5	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	98





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102718\
Data File : BM017380.D
Acq On : 27 Oct 2018 10:34
Operator : MJ/SJ
Sample : J5673-10
Misc : GCMS Confirmation
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BL4

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: Str...	3.15	15.7	ng/ul	1570660	1	7.65	2006950	20.0
(DEL) Alkane: Str...	4.64	2.6	ng/ul	264485	1	7.65	2006950	20.0
(DEL) Alkane: Str...	4.73	3.4	ng/ul	340364	1	7.65	2006950	20.0
(DEL) Alkane: Cyc...	5.21	2.4	ng/ul	237670	1	7.65	2006950	20.0
unknown-01	12.16	2.6	ng/ul	393162	2	10.43	2996700	20.0
unknown-02	12.71	2.7	ng/ul	760850	3	14.29	5662180	20.0
unknown-03	12.87	3.5	ng/ul	977676	3	14.29	5662180	20.0
Naphthalene, 2,3-...	13.60	4.4	ng/ul	1253260	3	14.29	5662180	20.0
unknown-04	13.70	17.4	ng/ul	4936150	3	14.29	5662180	20.0
(DEL) Alkane: Str...	13.78	9.1	ng/ul	2574790	3	14.29	5662180	20.0
unknown-05	14.03	12.2	ng/ul	3453450	3	14.29	5662180	20.0
unknown-06	14.12	33.2	ng/ul	9400390	3	14.29	5662180	20.0
2,5,5,6,8a-Pentam...	14.20	11.8	ng/ul	3344190	3	14.29	5662180	20.0
(DEL) Alkane: Cyc...	14.83	16.7	ng/ul	4739980	3	14.29	5662180	20.0
1H-Indene, octahy...	15.02	18.8	ng/ul	5308730	3	14.29	5662180	20.0
unknown-07	15.09	44.1	ng/ul	12489800	3	14.29	5662180	20.0
2,5-Cyclohexadien...	15.35	10.0	ng/ul	2837270	3	14.29	5662180	20.0
(DEL) Alkane: Str...	16.06	20.0	ng/ul	23264300	4	17.06	23264300	20.0
1,1'-Biphenyl, 2,...	18.99	8.7	ng/ul	10094400	4	17.06	23264300	20.0
1,1'-Biphenyl, 2,...	19.27	50.0	ng/ul	11573000	5	21.25	4627560	20.0
1,1'-Biphenyl, 2,...	19.69	24.5	ng/ul	5662930	5	21.25	4627560	20.0
1,1'-Biphenyl, 2,...	19.84	48.1	ng/ul	11137800	5	21.25	4627560	20.0
1,1'-Biphenyl, 2,...	19.89	36.3	ng/ul	8399570	5	21.25	4627560	20.0
1,1'-Biphenyl, 2,...	19.98	128.3	ng/ul	29681000	5	21.25	4627560	20.0
1,1'-Biphenyl, 3,...	20.18	23.4	ng/ul	5410890	5	21.25	4627560	20.0
1,1'-Biphenyl, 2,...	20.26	147.7	ng/ul	34170500	5	21.25	4627560	20.0
1,1'-Biphenyl, 2,...	20.51	13.6	ng/ul	3156450	5	21.25	4627560	20.0
2,2',3,3',4,5',6-...	20.62	11.5	ng/ul	2653730	5	21.25	4627560	20.0
1,1'-Biphenyl, 2,...	21.10	16.6	ng/ul	3845670	5	21.25	4627560	20.0
1,1'-Biphenyl, 2,...	21.20	9.5	ng/ul	2205260	5	21.25	4627560	20.0
1,1'-Biphenyl, 2,...	21.64	31.1	ng/ul	7204480	5	21.25	4627560	20.0
1,1'-Biphenyl, 2,...	22.05	10.3	ng/ul	2377850	5	21.25	4627560	20.0
1,1'-Biphenyl, 2,...	22.27	26.4	ng/ul	6118450	5	21.25	4627560	20.0