LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016955.D
Acq On : 02 Oct 2018 11:28
Operator : MJ/SJ
Sample : J5126-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B89

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-BM091018MA.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	3.187	31	34	39	rVB	1181457	1242755	6.42%	0.573%
2	7.234	717	722	729	rVB	25565	43089	0.22%	0.020%
3	7.710	795	803	814	rVB	1376030	2192437	11.32%	1.011%
4	8.057	858	862	867	rVB2	20198	32983	0.17%	0.015%
5	8.928	1006	1010	1016	rVB2	14013	22127	0.11%	0.010%
6	10.351	1244	1252	1264	rBV	2048798	3412802	17.63%	1.574%
7	10.486	1266	1275	1286	rVV	1785074	3108357	16.06%	1.434%
8	10.651	1300	1303	1311	rVB	26612	39902	0.21%	0.018%
9	10.869	1332	1340	1348	rBV	398037	668695	3.45%	0.308%
10	11.404	1427	1431	1437	rBV7	11830	24216	0.13%	0.011%
11	11.516	1445	1450	1455	rBV	48507	84520	0.44%	0.039%
12	11.775	1488	1494	1496	rBV6	21454	31307	0.16%	0.014%
13	11.922	1512	1519	1524	rBV	64529	100268	0.52%	0.046%
14	12.139	1554	1556	1564	rVB5	23853	39313	0.20%	0.018%
15	12.233	1566	1572	1578	rBV8	17215	39158	0.20%	0.018%
16	12.363	1591	1594	1600	rBV8	11611	21315	0.11%	0.010%
17	12.522	1613	1621	1631	rBV	200465	369987	1.91%	0.171%
18	12.774	1661	1664	1670	rVB5	36693	53447	0.28%	0.025%
19	12.833	1670	1674	1678	rBV5	20597	35885	0.19%	0.017%
20	12.880	1679	1682	1687	rVB	63003	87268	0.45%	0.040%
21	12.939	1688	1692	1696	rBV4	24792	41606	0.21%	0.019%
22	13.139	1719	1726	1730	rBV	416408	702847	3.63%	0.324%
23	13.174	1730	1732	1739	rVB	65305	83696	0.43%	0.039%
24	13.274	1744	1749	1752	rBV6	25028	42627	0.22%	0.020%
25	13.557	1794	1797	1802	rBV6	15103	25104	0.13%	0.012%
26	13.663	1811	1815	1819	rBV6	30906	51401	0.27%	0.024%
27	13.763	1828	1832	1837	rVB	170875	228566	1.18%	0.105%
28	13.839	1841	1845	1848	rVV	108650	143837	0.74%	0.066%
29	13.880	1849	1852	1860	rVB4	63670	119755	0.62%	0.055%
30	14.086	1882	1887	1893	rBV6	91779	185118	0.96%	0.085%
31	14.180	1898	1903	1910	rVB	266667	430271	2.22%	0.198%
32	14.257	1911	1916	1920	rBV2	119098	190633	0.98%	0.088%
33	14.351	1921	1932	1940	rBV2	2338438	3932128	20.31%	1.814%
34	14.880	2018	2022	2029	rBV4	171726	285077	1.47%	0.131%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016955.D
Acq On : 02 Oct 2018 11:28
Operator : MJ/SJ
Sample : J5126-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B89

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-BM091018MA.M
Title : SVOA CALIBRATION

35	15.068	2050	2054	2060	rBV6	126256	251023	1.30%	0.116%
36	15.139	2061	2066	2073	rVV2	352819	600558	3.10%	0.277%
37	15.621	2144	2148	2154	rVB	385477	605937	3.13%	0.279%
38	16.104	2222	2230	2235	rBV2	1818416	3351073	17.31%	1.546%
39	16.921	2366	2369	2376	rVB	1308840	2055123	10.62%	0.948%
40	17.098	2395	2399	2405	rBV2	2563605	4167360	21.53%	1.922%
41	19.027	2723	2727	2732	rVB	4300567	5710897	29.50%	2.634%
42	19.309	2771	2775	2780	rVB	5849598	7277523	37.59%	3.357%
43	19.739	2844	2848	2850	rBV	2583476	3859452	19.94%	1.780%
44	19.880	2868	2872	2876	rVB	5565277	6402490	33.07%	2.953%
45	19.927	2876	2880	2887	rVB2	2153282	3974766	20.53%	1.833%
46	20.021	2892	2896	2901	rVB	13358447	16918962	87.39%	7.804%
47	20.221	2927	2930	2938	rVB2	2038956	2662936	13.75%	1.228%
48	20.303	2939	2944	2948	rVB	16015892	19069344	98.50%	8.796%
49	20.356	2948	2953	2959	rBV	4116363	5266591	27.20%	2.429%
50	20.456	2966	2970	2978	rVB2	5845643	9136773	47.19%	4.214%
51	20.550	2983	2986	2989	rVV2	1608043	1851565	9.56%	0.854%
52	20.615	2990	2997	3003	rVV	9218655	18450799	95.30%	8.511%
53	20.668	3003	3006	3010	rVB	1503750	1543317	7.97%	0.712%
54	20.762	3018	3022	3028	rVB	8264598	10227809	52.83%	4.718%
55	20.827	3029	3033	3041	rVB	4400951	5355831	27.66%	2.470%
56	20.921	3046	3049	3053	rBV2	998752	1037468	5.36%	0.479%
57	20.962	3053	3056	3062	rBV3	846311	1073249	5.54%	0.495%
58	21.033	3064	3068	3073	rVB	8000679	9305436	48.07%	4.292%
59	21.092	3073	3078	3083	rVB2	3969231	5500806	28.41%	2.537%
60	21.145	3083	3087	3090	rBV	1810717	2265284	11.70%	1.045%
61	21.244	3101	3104	3107	rVV	959017	1022397	5.28%	0.472%
62	21.292	3107	3112	3114	rVV	3010649	4515766	23.33%	2.083%
63	21.321	3114	3117	3123	rVB	15717579	19359851	100.00%	8.930%
64	21.633	3165	3170	3175	rBV	6471484	8640345	44.63%	3.985%
65	21.686	3176	3179	3186	rVB	2890732	3866012	19.97%	1.783%
66	21.756	3187	3191	3197	rVB	3445520	4322039	22.32%	1.994%
67	22.103	3246	3250	3255	rVB	1082017	1405508	7.26%	0.648%
68	22.321	3283	3287	3294	rVB2	2479159	3459234	17.87%	1.596%
69	23.521	3485	3491	3499	rVB	2189079	4171991	21.55%	1.924%

Sum of corrected areas: 216798012

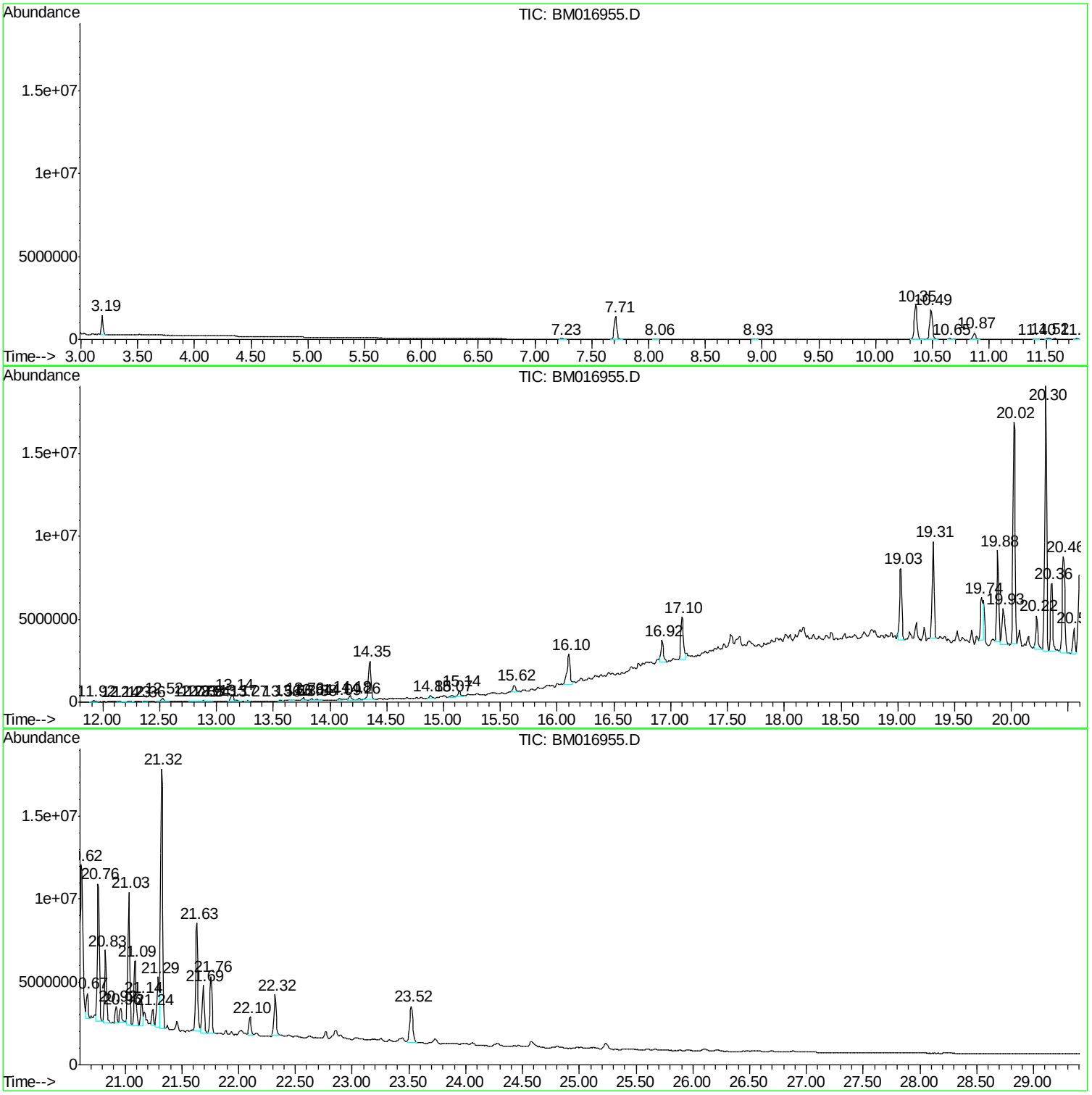
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016955.D
Acq On : 02 Oct 2018 11:28
Operator : MJ/SJ
Sample : J5126-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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\BM100118\
Data File : BM016955.D
Acq On : 02 Oct 2018 11:28
Operator : MJ/SJ
Sample : J5126-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B89

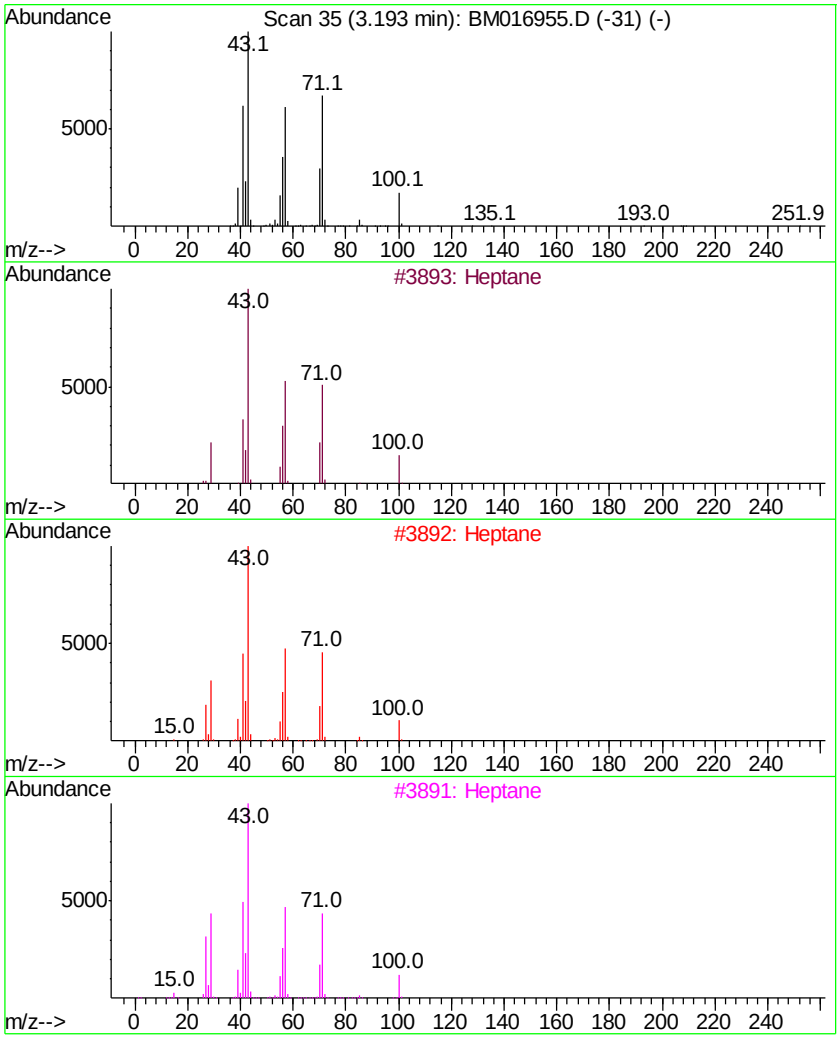
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

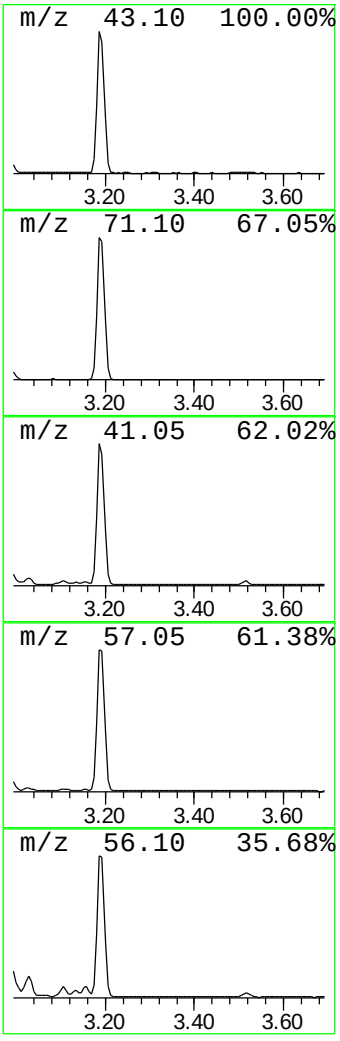
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	11.34 ng/ul	1242760	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	90
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016955.D
Acq On : 02 Oct 2018 11:28
Operator : MJ/SJ
Sample : J5126-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

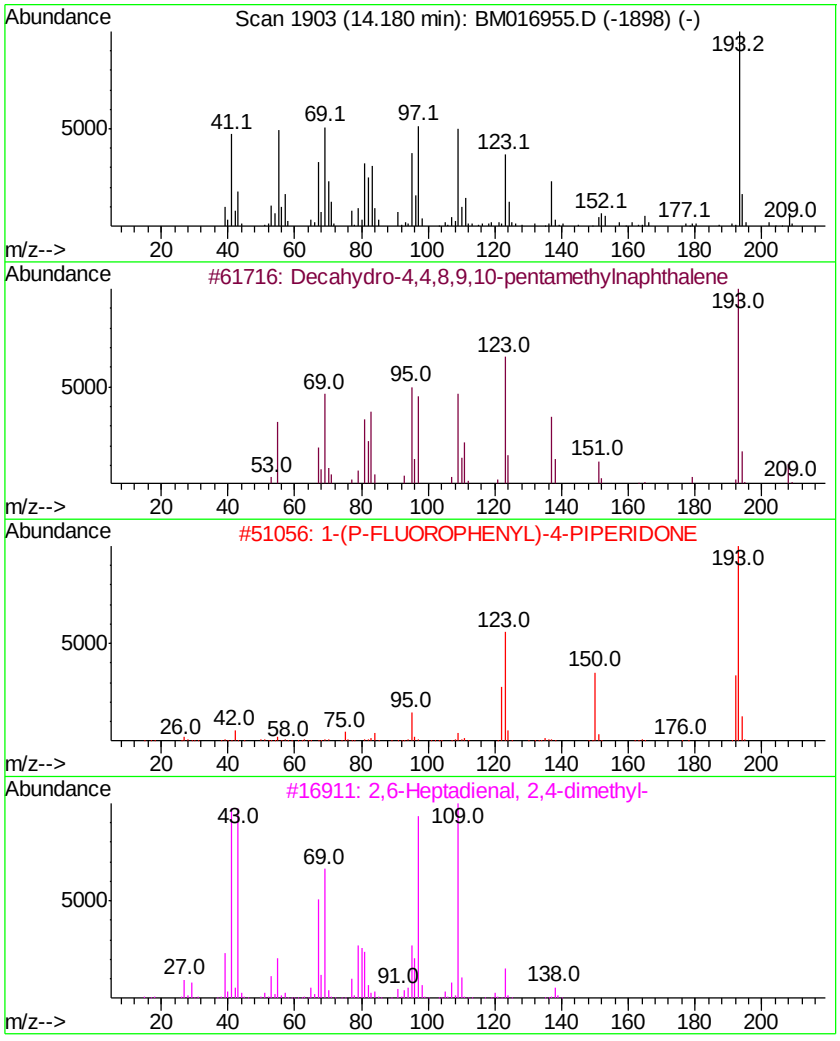
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

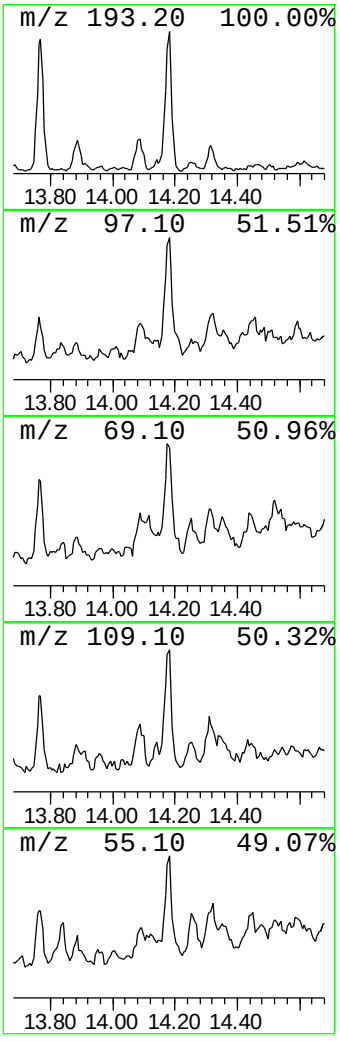
****

Peak Number 4 Decahydro-4,4,8,9,10-pentam... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	2.19 ng/ul	430271	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	64
2	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	43
3	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	30
4	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	25
5	2-Anthracenamine	193	C14H11N	000613-13-8	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016955.D
Acq On : 02 Oct 2018 11:28
Operator : MJ/SJ
Sample : J5126-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

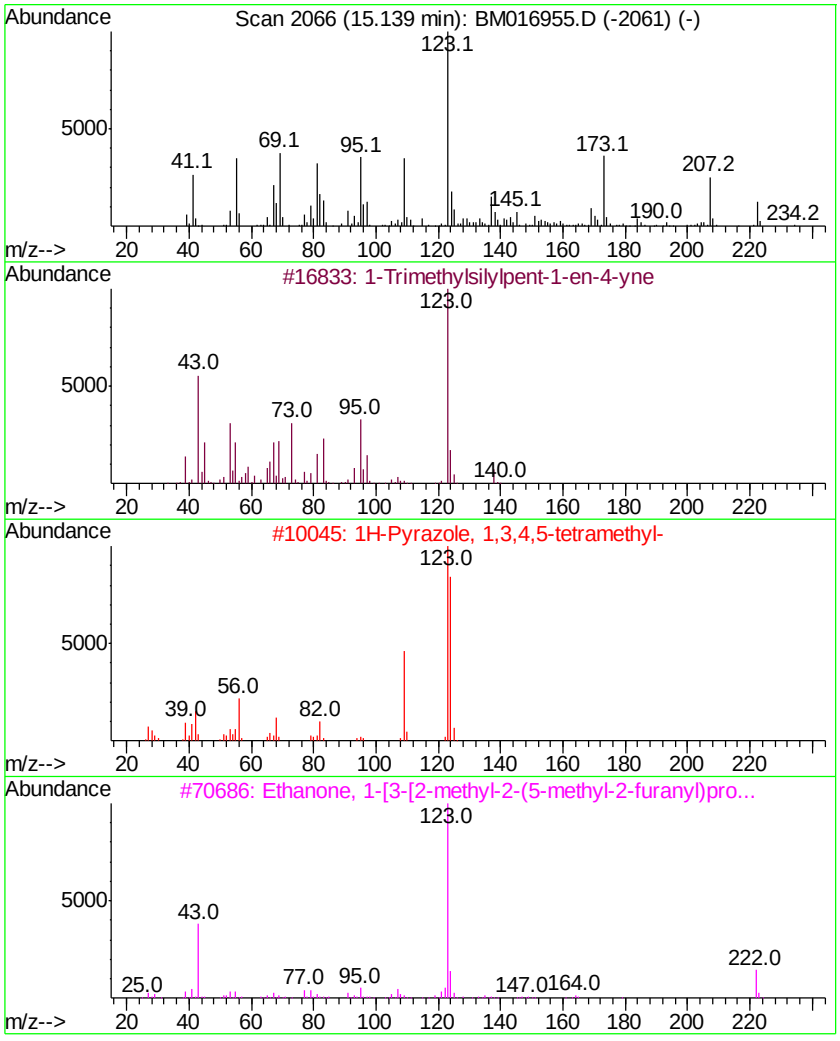
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

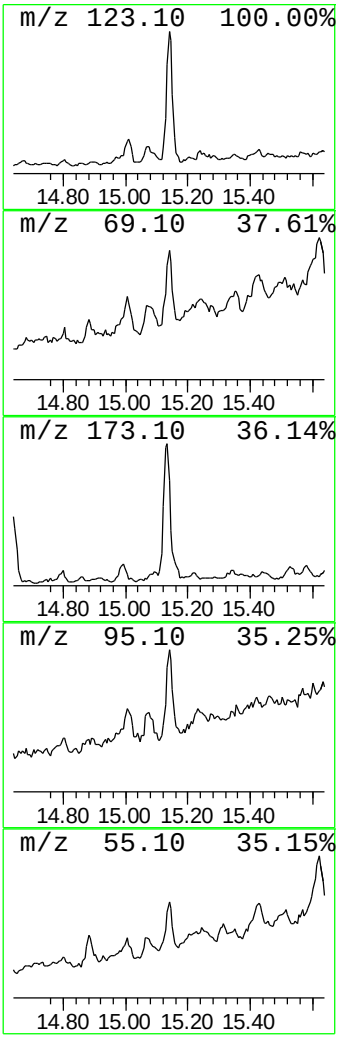
****

Peak Number 5 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	3.05 ng/ul	600558	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	43
2	1H-Pyrazole, 1,3,4,5-tetramethyl-	124	C7H12N2	001073-20-7	38
3	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	38
4	3-Fluorobenzoic acid, 2-pentadec...	350	C22H35FO2	1000280-60-7	38
5	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016955.D
Acq On : 02 Oct 2018 11:28
Operator : MJ/SJ
Sample : J5126-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B89

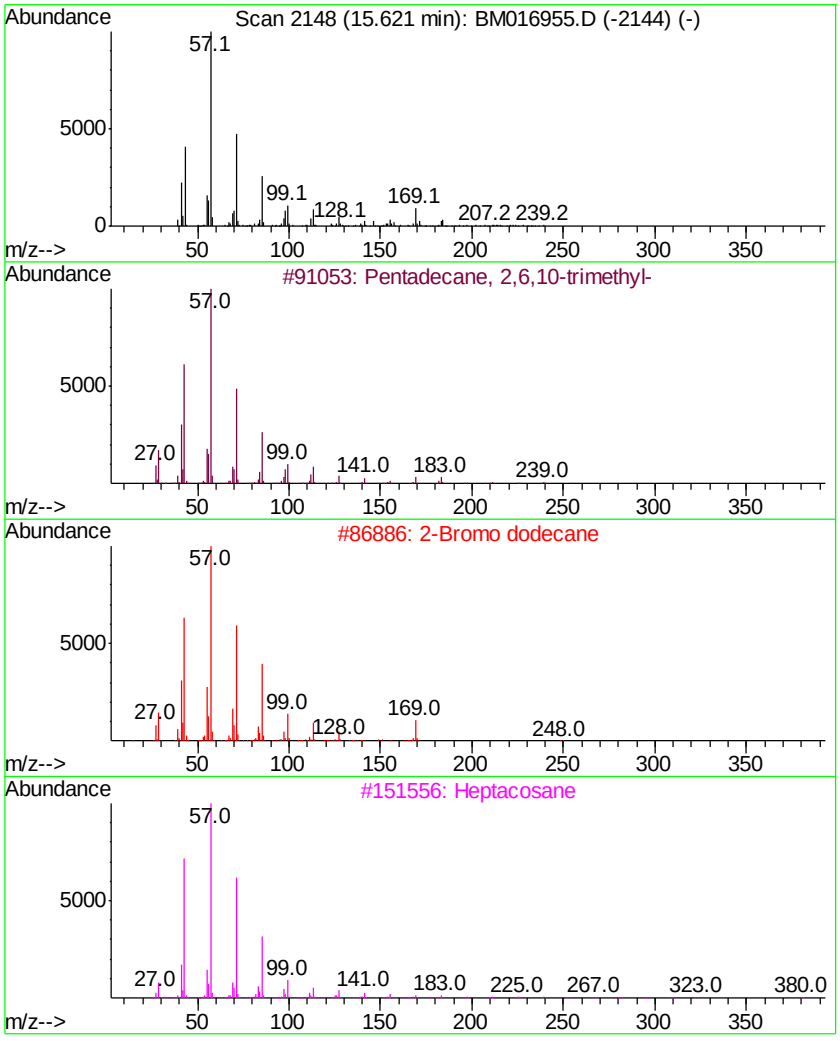
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

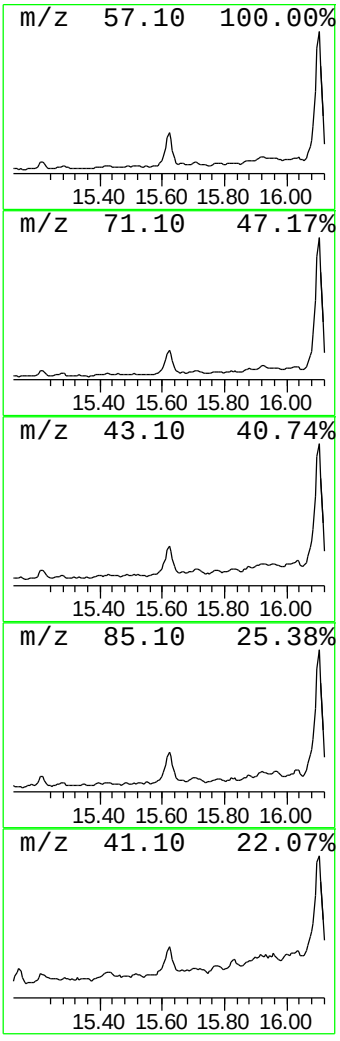
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	3.08 ng/ul	605937	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
3	Heptacosane	380	C27H56	000593-49-7	80
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016955.D
Acq On : 02 Oct 2018 11:28
Operator : MJ/SJ
Sample : J5126-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

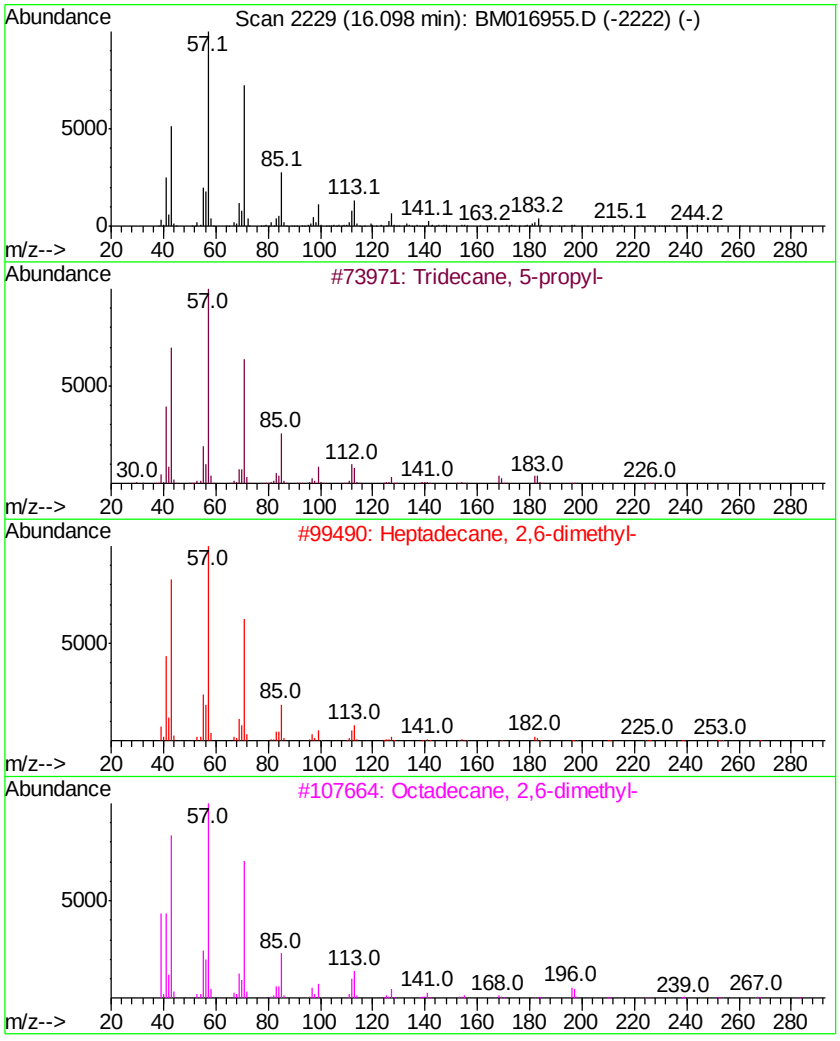
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

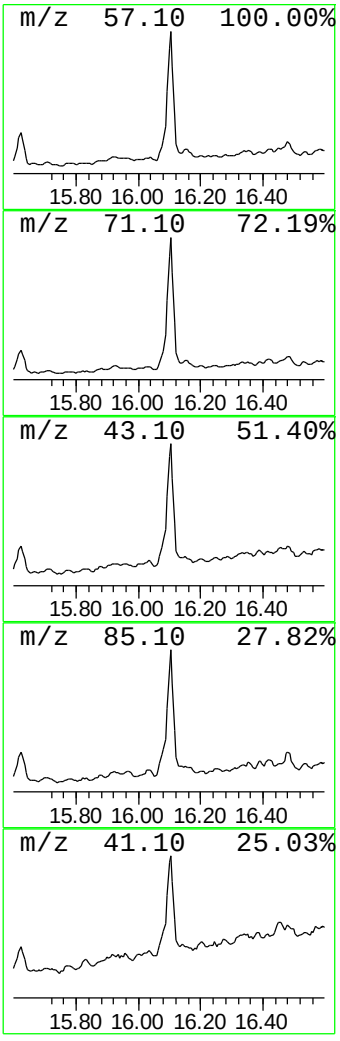
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	16.08 ng/ul	3351070	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	94
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
3	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	78
4	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016955.D
Acq On : 02 Oct 2018 11:28
Operator : MJ/SJ
Sample : J5126-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B89

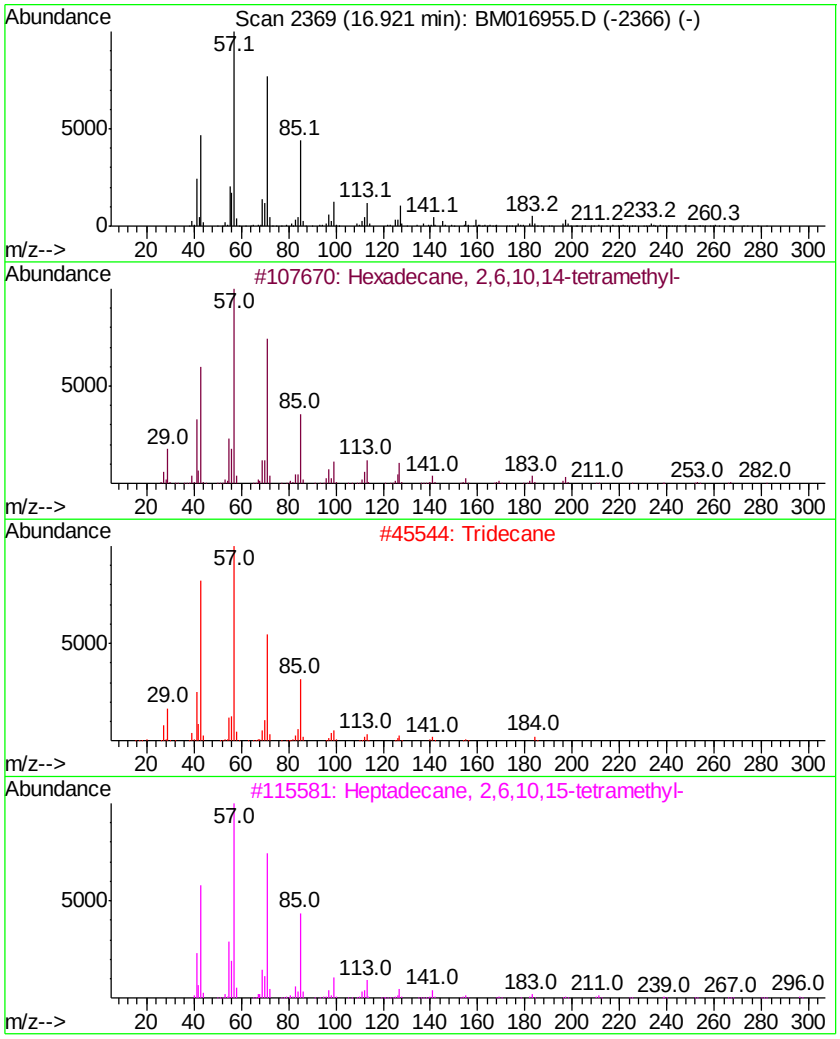
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

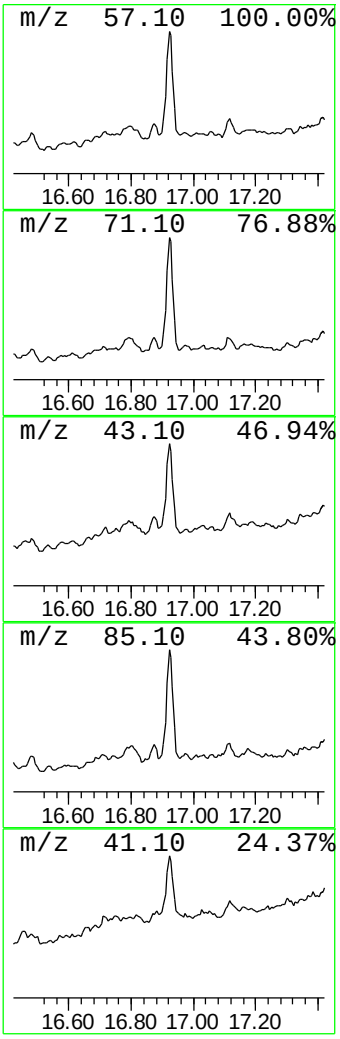
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	9.86 ng/ul	2055120	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	98
2	Tridecane	184	C13H28	000629-50-5	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016955.D
Acq On : 02 Oct 2018 11:28
Operator : MJ/SJ
Sample : J5126-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

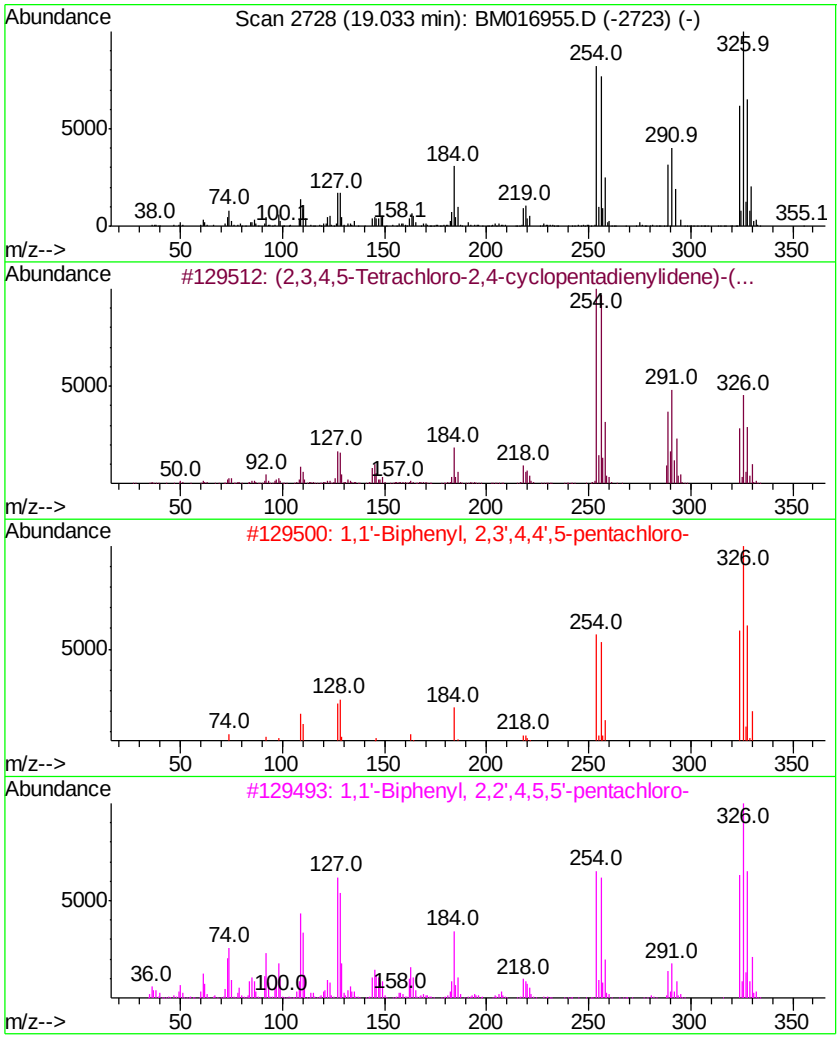
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

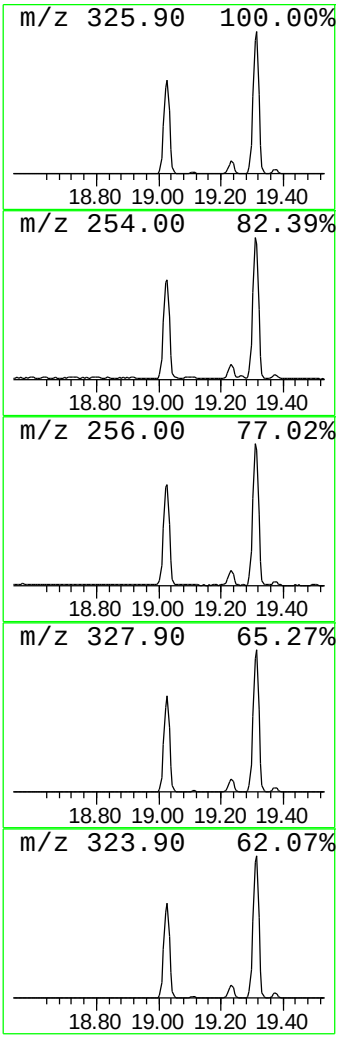
****

Peak Number 9 (2,3,4,5-Tetrachloro-2,4-cy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	27.41 ng/ul	5710900	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	97
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	97
4	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	96
5	1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	96





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Sample : J5126-01
Misc :
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Instrument : BNA_M
ClientSampleId : C0B89

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Quant Title : SVOA CALIBRATION

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

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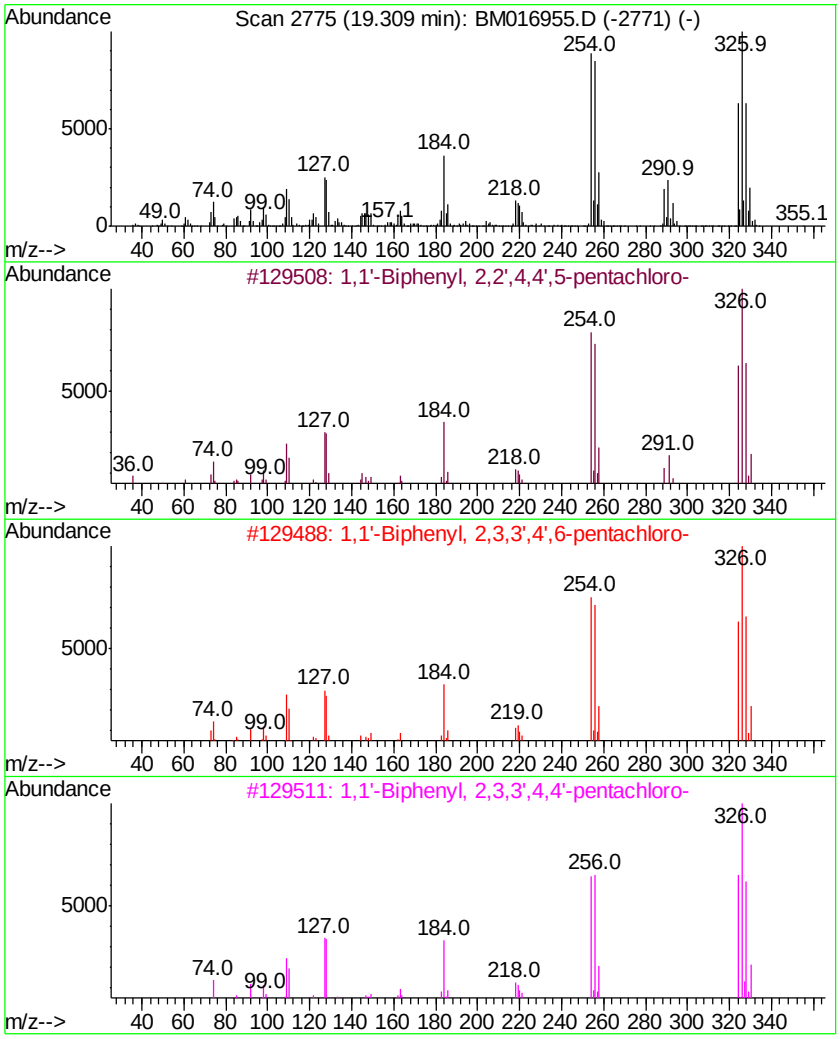
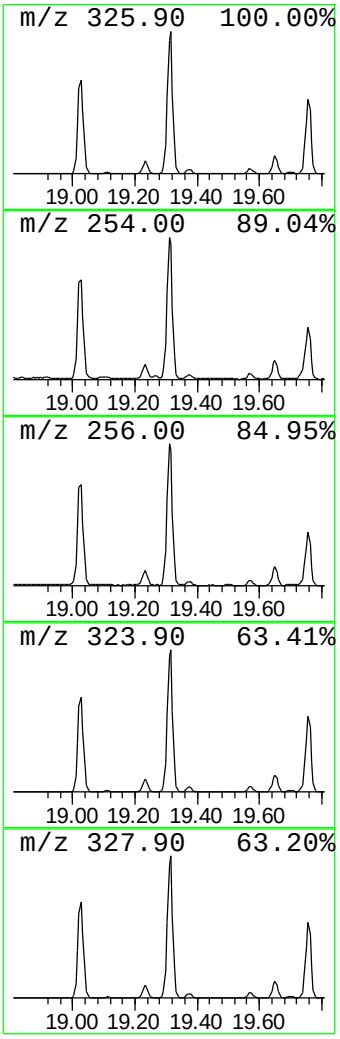
Peak Number 10 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	32.23 ng/ul	7277520	Chrysene-d12	21.29

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, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99





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Misc :
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Instrument : BNA_M
ClientSampleId : C0B89

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Quant Title : SVOA CALIBRATION

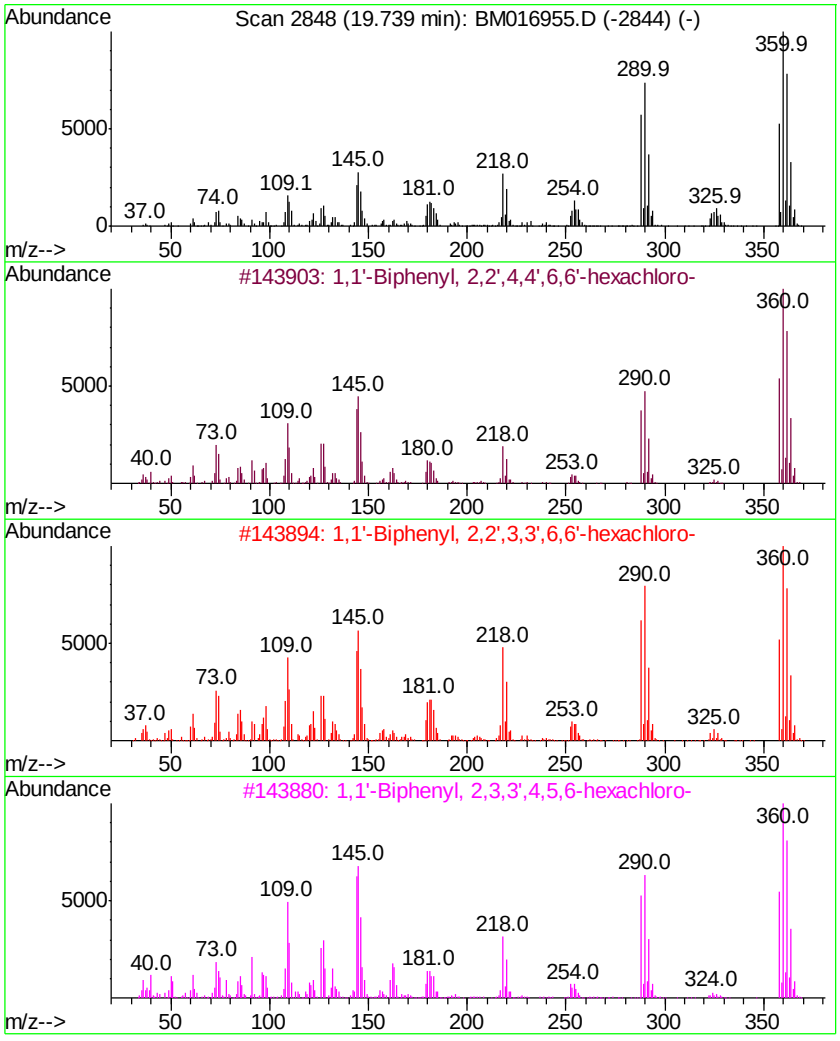
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

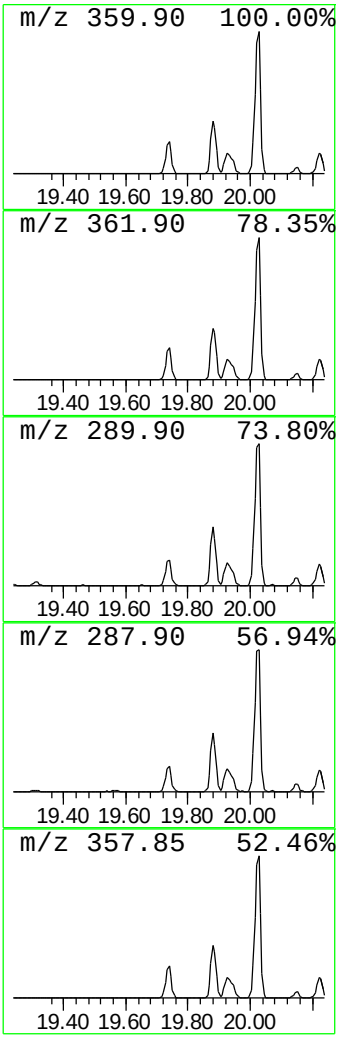
****

Peak Number 11 1,1'-Biphenyl, 2,2',4,4',6,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	17.09 ng/ul	3859450	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
2	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
3	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
4	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	96
5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	96





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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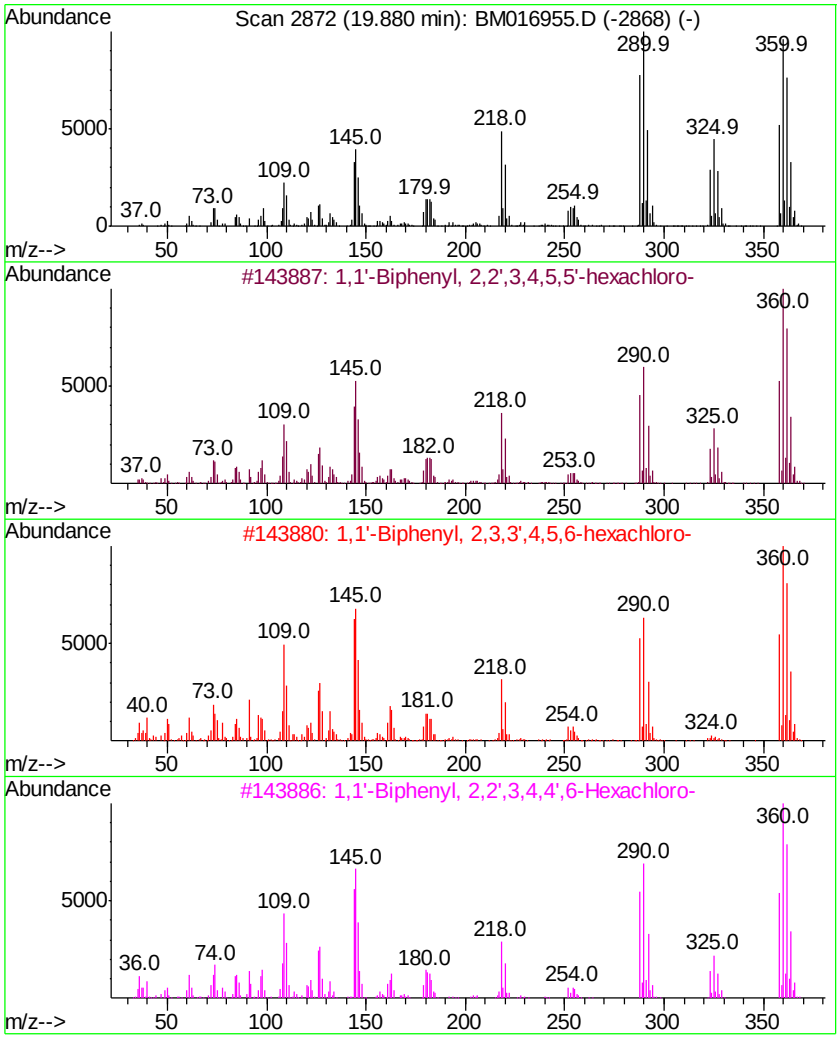
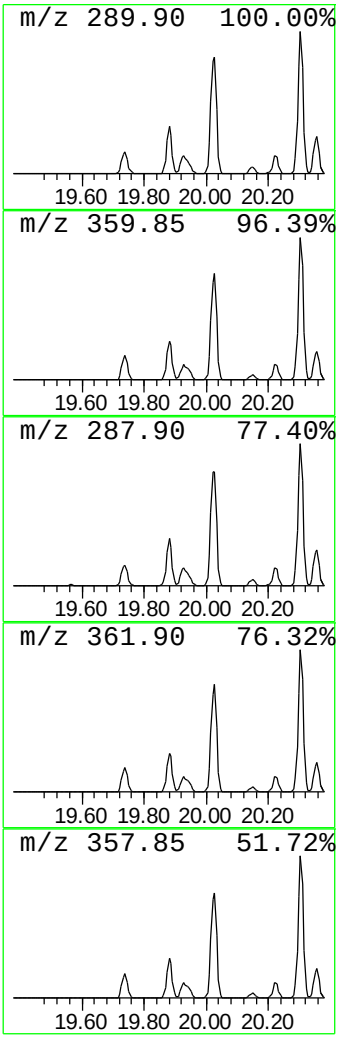
Peak Number 12 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	28.36 ng/ul	6402490	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
4	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	99
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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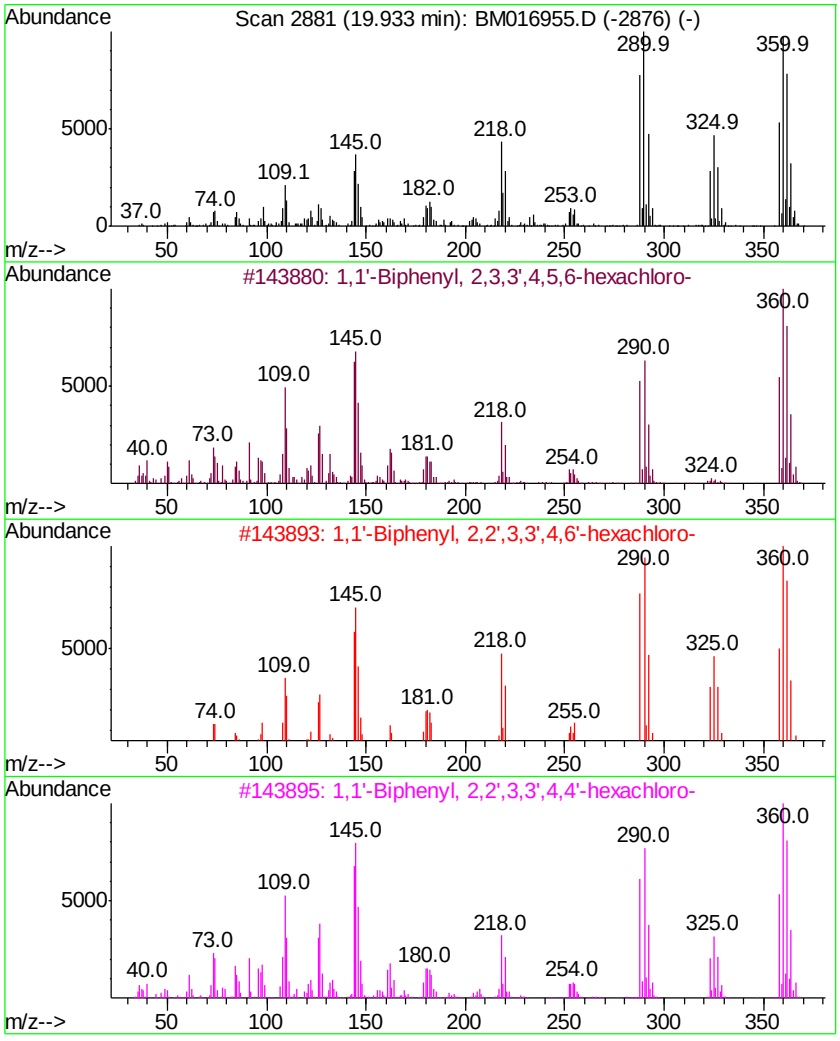
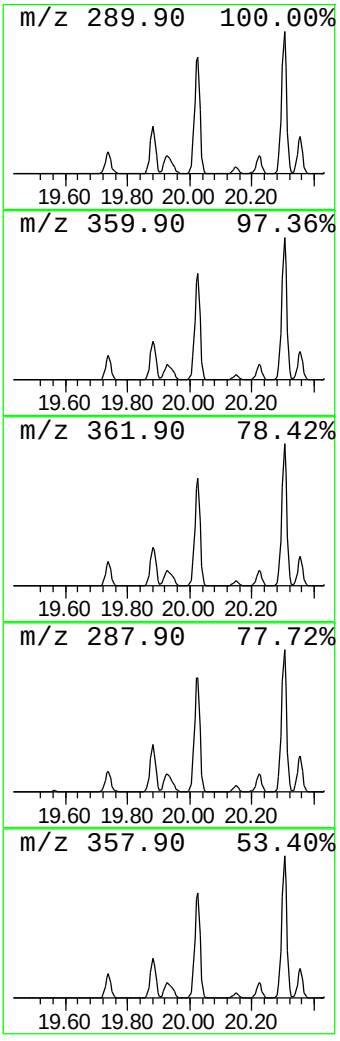
Peak Number 13 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	17.60 ng/ul	3974770	Chrysene-d12	21.29

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',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	99
3	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
5	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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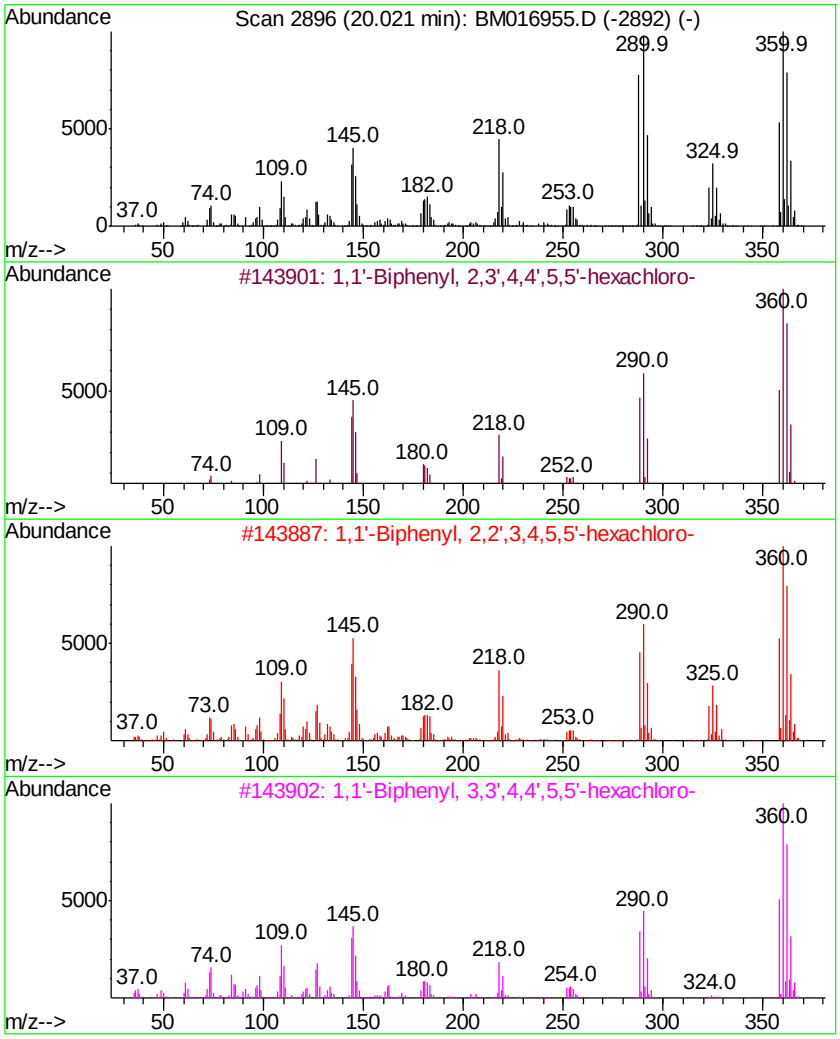
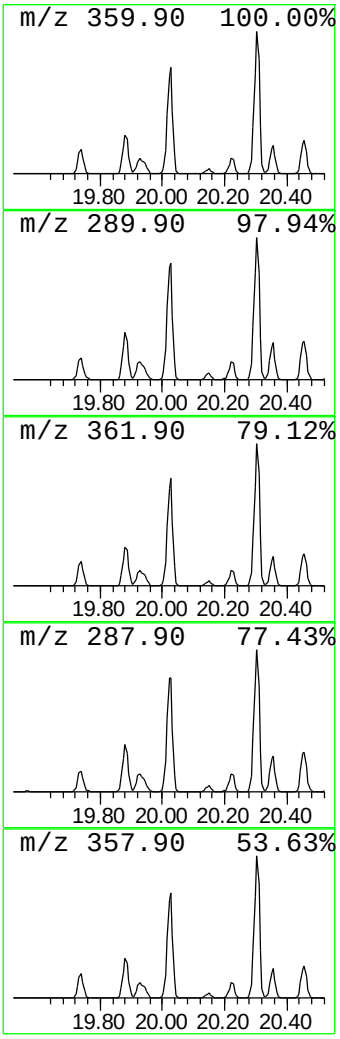
Peak Number 14 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	74.93 ng/ul	16919000	Chrysene-d12	21.29

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, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
5	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99





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Instrument : BNA_M
ClientSampleId : C0B89

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Quant Title : SVOA CALIBRATION

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

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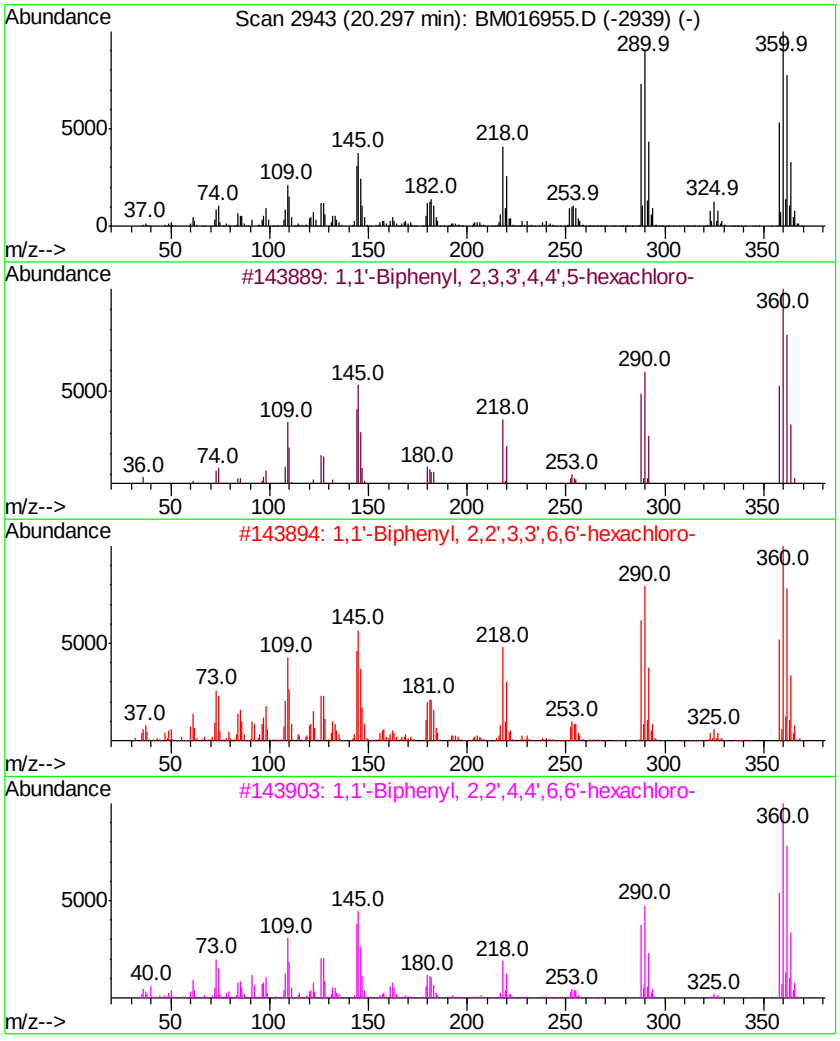
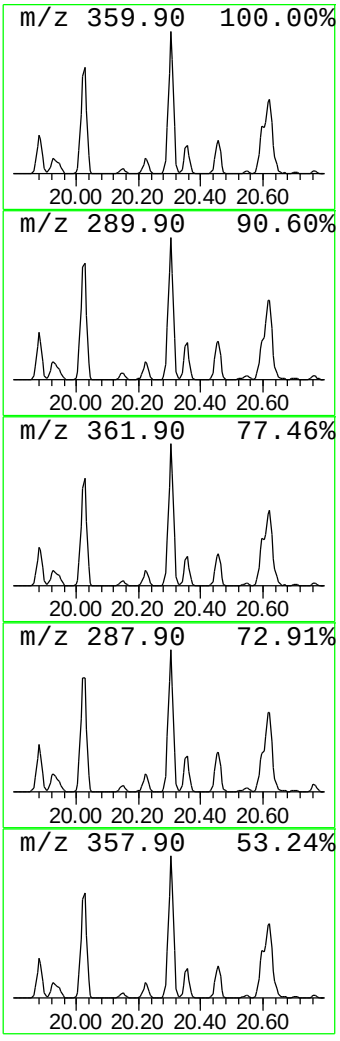
Peak Number 16 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	84.46 ng/ul	19069300	Chrysene-d12	21.29

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





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ClientSampleId : C0B89

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Quant Title : SVOA CALIBRATION

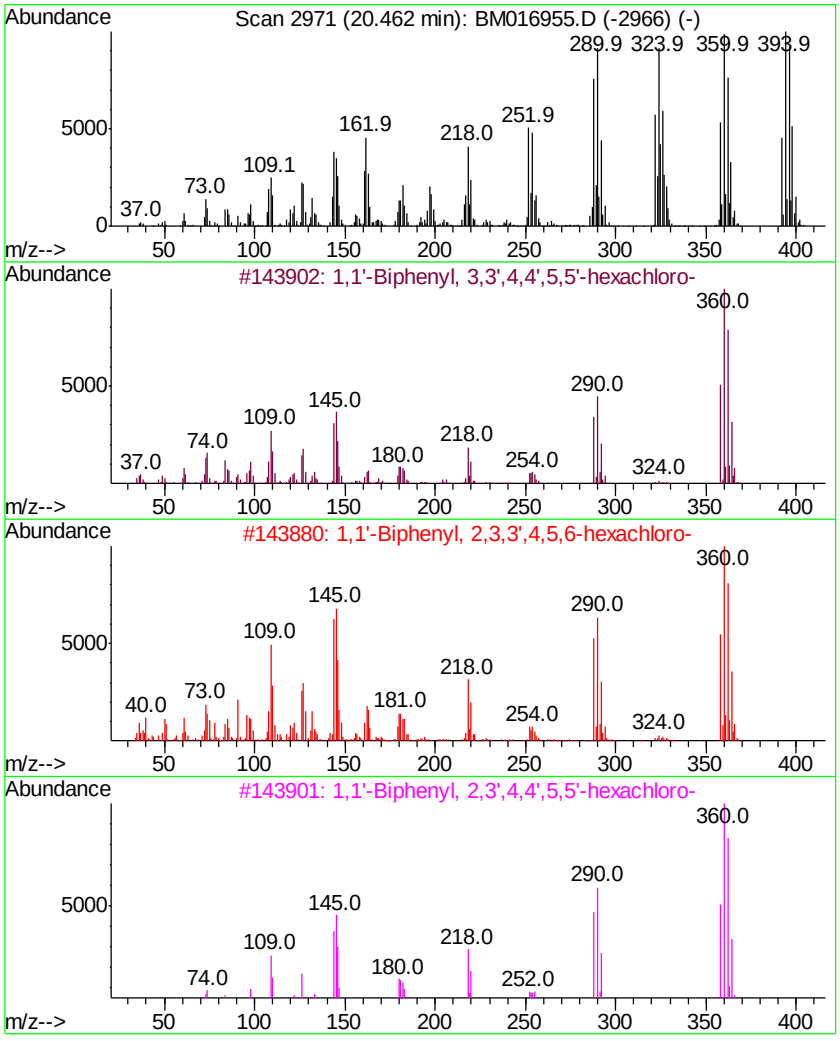
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

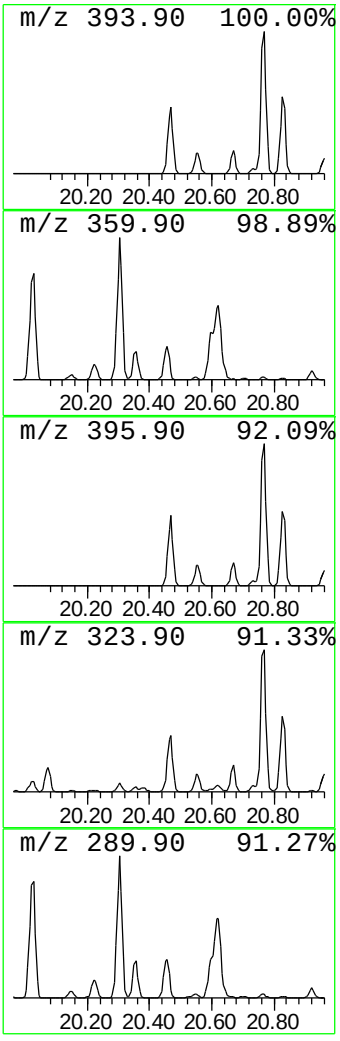
****

Peak Number 18 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	40.47 ng/ul	9136770	Chrysene-d12	21.29

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, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
5	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99





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Quant Title : SVOA CALIBRATION

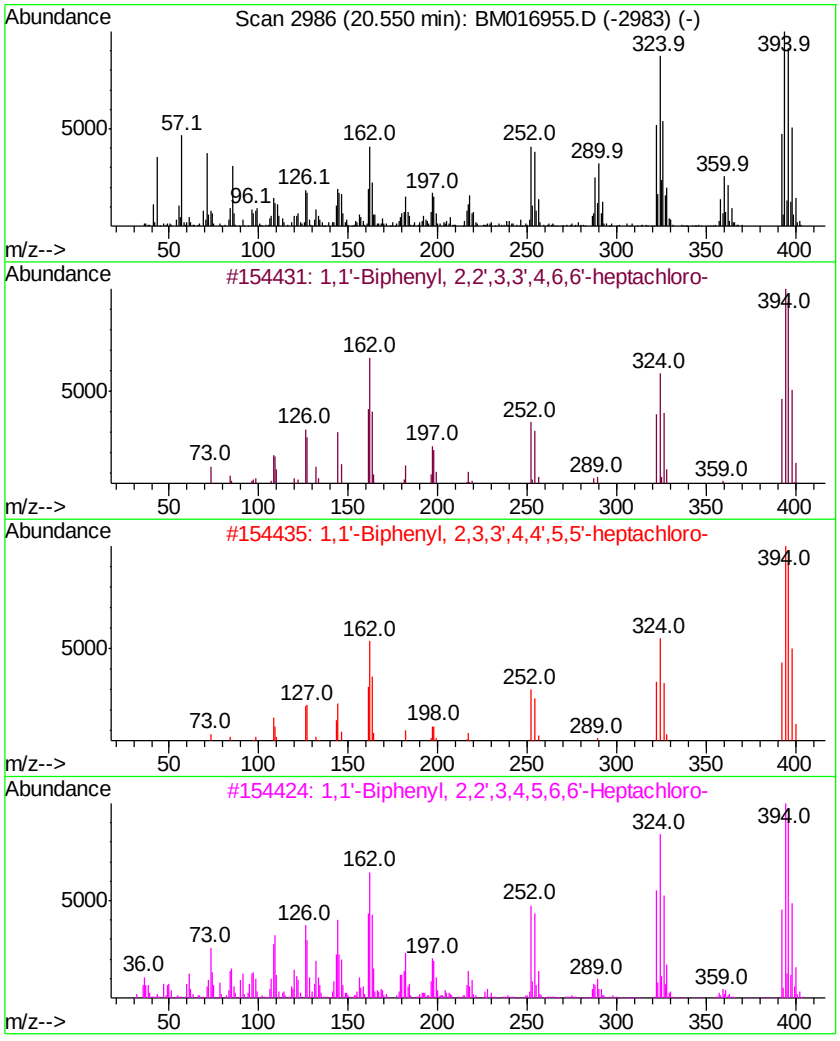
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

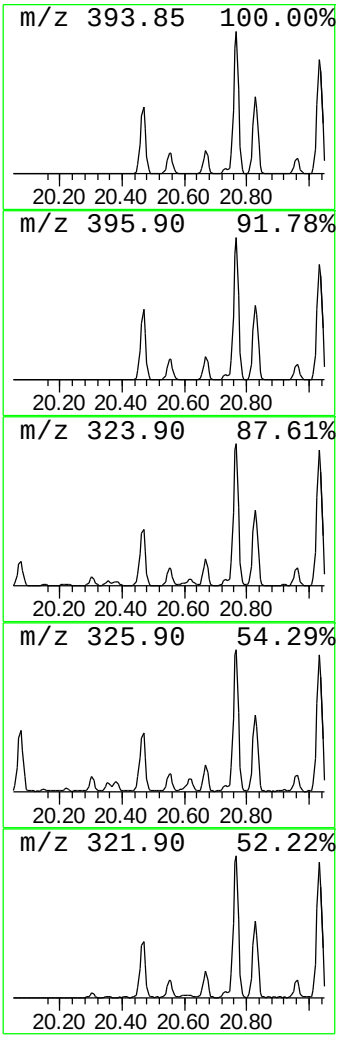
****

Peak Number 19 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.55	8.20 ng/ul	1851570	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	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',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	96





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ClientSampleId : C0B89

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Quant Title : SVOA CALIBRATION

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

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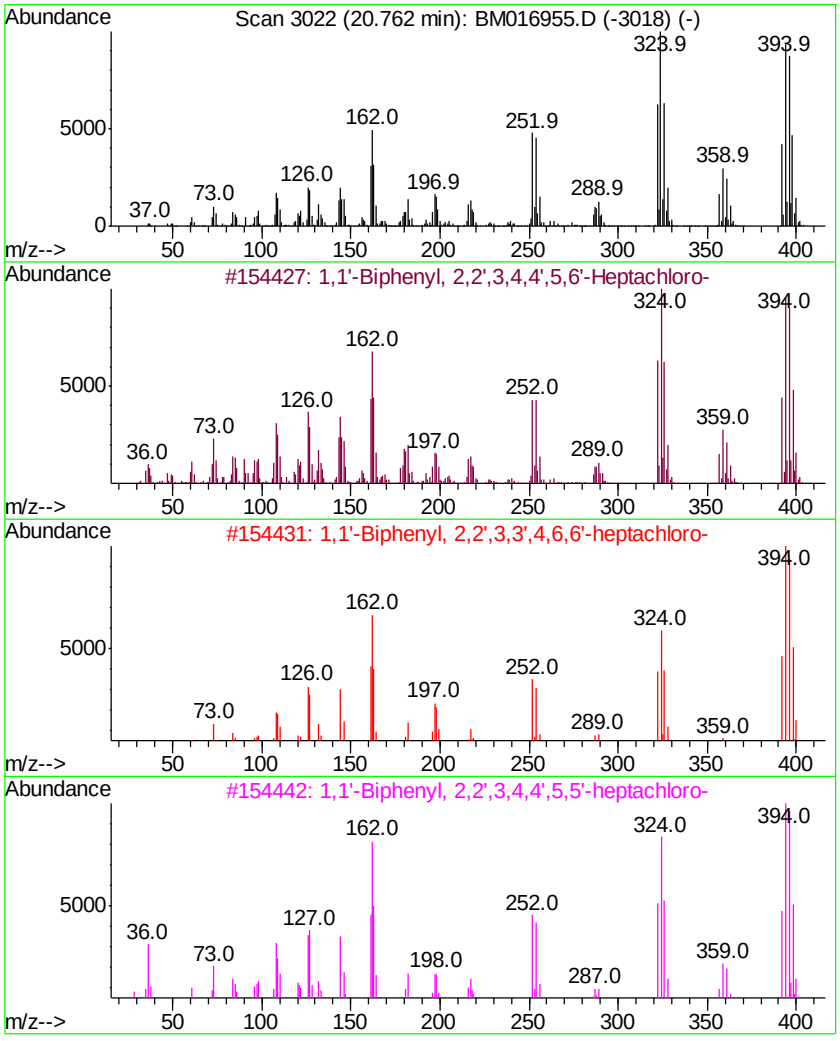
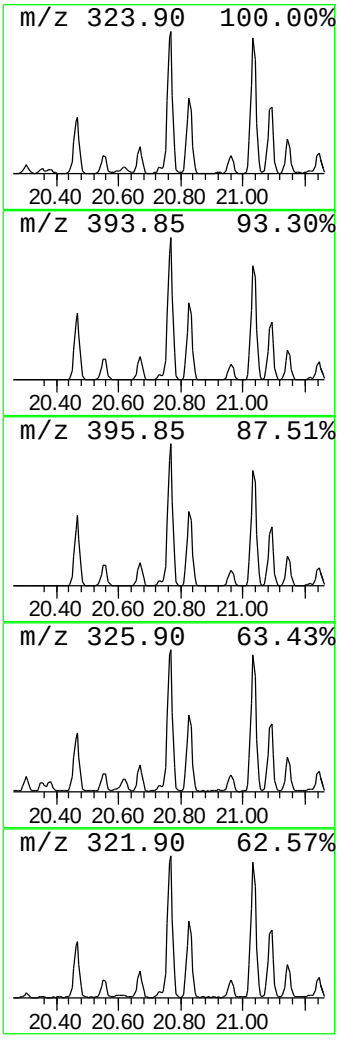
Peak Number 22 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	45.30 ng/ul	10227800	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
2	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
4	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
5	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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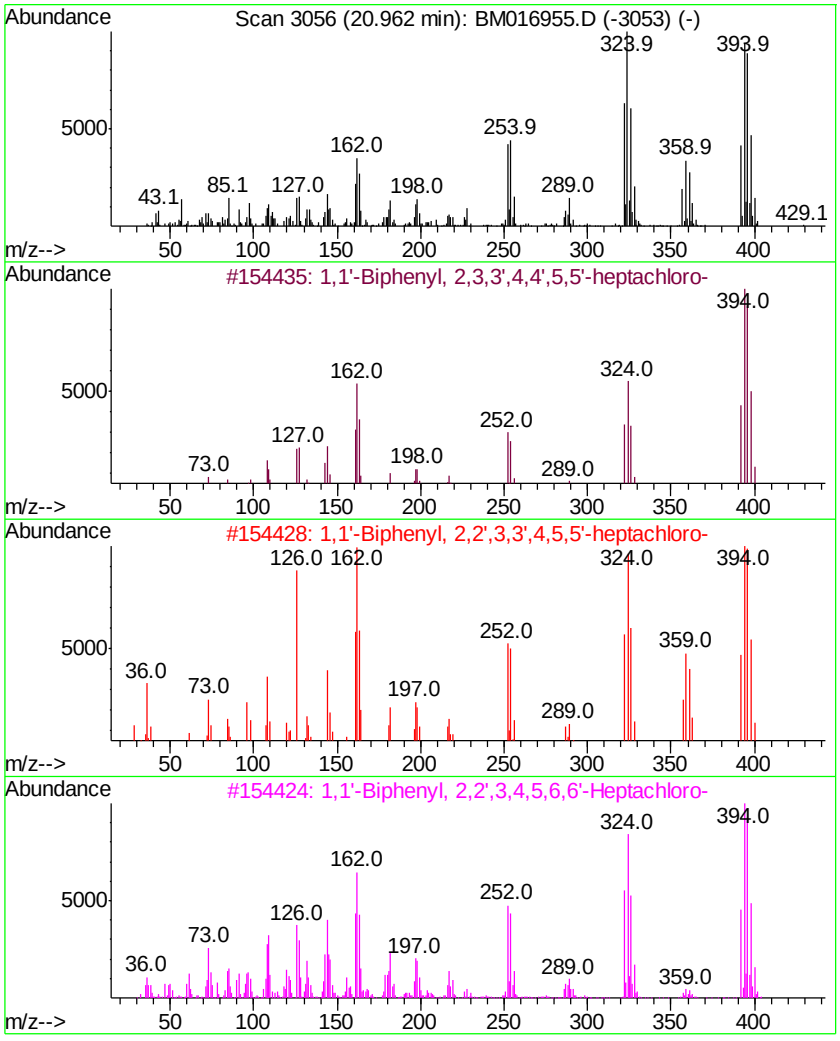
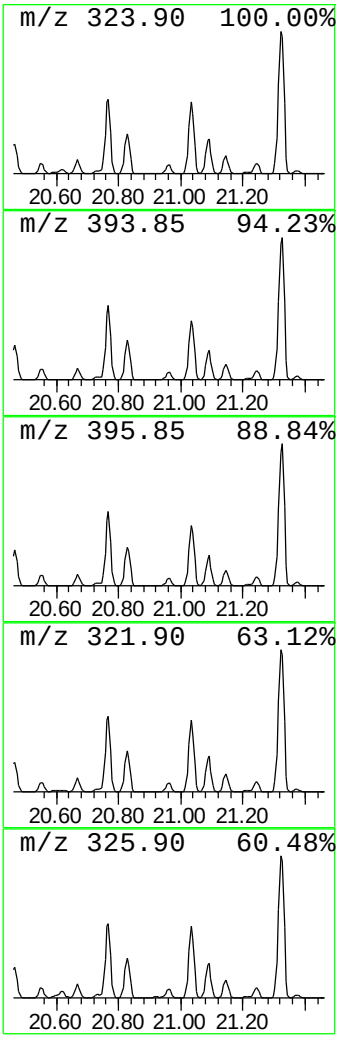
Peak Number 25 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	4.75 ng/ul	1073250	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,5'-...	392	C12H3Cl7	052663-74-8	99
3	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
4	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99
5	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016955.D
Acq On : 02 Oct 2018 11:28
Operator : MJ/SJ
Sample : J5126-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

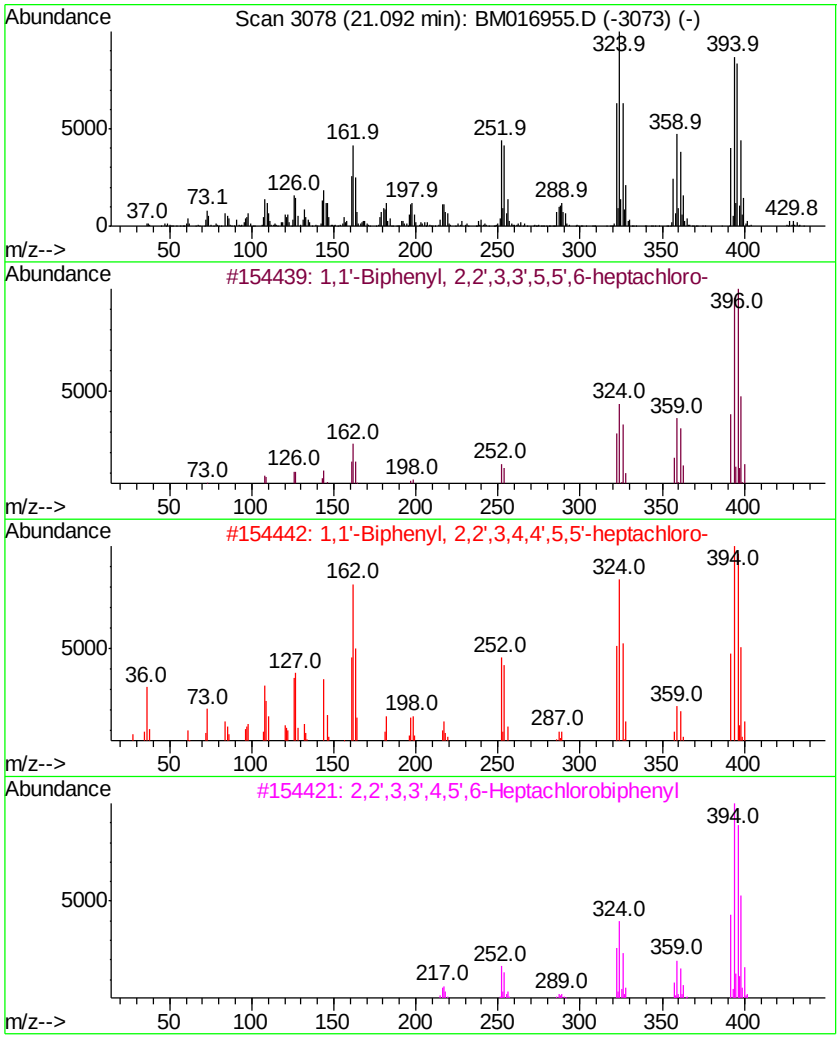
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

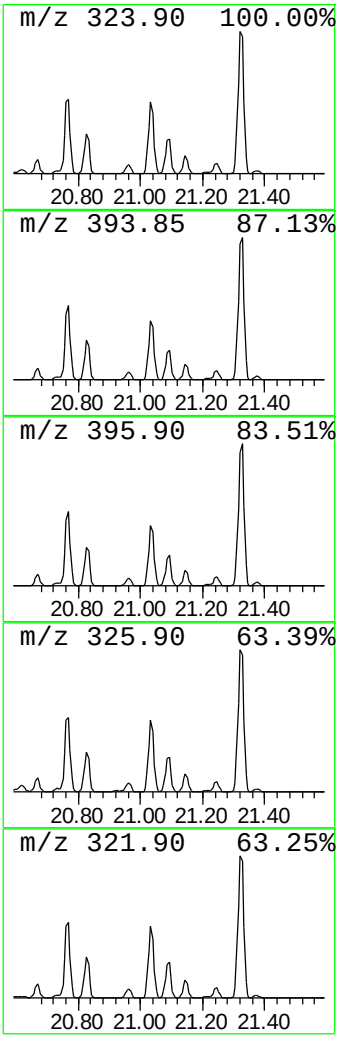
****

Peak Number 27 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	24.36 ng/ul	5500810	Chrysene-d12	21.29

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	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
3	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
4	1,1'-Biphenyl, 2,2',3,3',4,5,5'-...	392	C12H3Cl7	052663-74-8	99
5	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016955.D
Acq On : 02 Oct 2018 11:28
Operator : MJ/SJ
Sample : J5126-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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...	3.19	11.3	ng/ul	1242760	1	7.71	2192440	20.0
Decahydro-4,4,8,9...	14.18	2.2	ng/ul	430271	3	14.35	3932130	20.0
unknown-01	15.14	3.0	ng/ul	600558	3	14.35	3932130	20.0
(DEL) Alkane: Str...	15.62	3.1	ng/ul	605937	3	14.35	3932130	20.0
(DEL) Alkane: Str...	16.10	16.1	ng/ul	3351070	4	17.10	4167360	20.0
(DEL) Alkane: Str...	16.92	9.9	ng/ul	2055120	4	17.10	4167360	20.0
(2,3,4,5-Tetrachl...	19.03	27.4	ng/ul	5710900	4	17.10	4167360	20.0
1,1'-Biphenyl, 2,...	19.31	32.2	ng/ul	7277520	5	21.29	4515770	20.0
1,1'-Biphenyl, 2,...	19.74	17.1	ng/ul	3859450	5	21.29	4515770	20.0
1,1'-Biphenyl, 2,...	19.88	28.4	ng/ul	6402490	5	21.29	4515770	20.0
1,1'-Biphenyl, 2,...	19.93	17.6	ng/ul	3974770	5	21.29	4515770	20.0
1,1'-Biphenyl, 2,...	20.02	74.9	ng/ul	16919000	5	21.29	4515770	20.0
1,1'-Biphenyl, 2,...	20.30	84.5	ng/ul	19069300	5	21.29	4515770	20.0
1,1'-Biphenyl, 3,...	20.46	40.5	ng/ul	9136770	5	21.29	4515770	20.0
1,1'-Biphenyl, 2,...	20.55	8.2	ng/ul	1851570	5	21.29	4515770	20.0
1,1'-Biphenyl, 2,...	20.76	45.3	ng/ul	10227800	5	21.29	4515770	20.0
1,1'-Biphenyl, 2,...	20.96	4.8	ng/ul	1073250	5	21.29	4515770	20.0
1,1'-Biphenyl, 2,...	21.09	24.4	ng/ul	5500810	5	21.29	4515770	20.0