LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016945.D
Acq On : 02 Oct 2018 05:28
Operator : MJ/SJ
Sample : J5125-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B78

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	3.028	5	7	12	rVB	96704	89610	1.75%	0.182%
2	3.187	31	34	40	rVB	1293646	1373621	26.83%	2.792%
3	7.710	795	803	812	rBV	1672559	2605774	50.89%	5.297%
4	8.022	854	856	863	rVB4	5681	9783	0.19%	0.020%
5	8.222	884	890	891	rBV4	5378	8104	0.16%	0.016%
6	8.363	909	914	917	rBV5	3830	6770	0.13%	0.014%
7	8.928	1004	1010	1014	rBV3	11639	18765	0.37%	0.038%
8	9.057	1029	1032	1038	rVB5	3249	6723	0.13%	0.014%
9	9.922	1173	1179	1183	rBV4	3831	6342	0.12%	0.013%
10	10.351	1247	1252	1258	rBV	22067	35083	0.69%	0.071%
11	10.486	1265	1275	1285	rVB	2266062	3869928	75.58%	7.867%
12	10.745	1315	1319	1323	rVB3	5189	7307	0.14%	0.015%
13	10.951	1349	1354	1361	rBV4	9306	16226	0.32%	0.033%
14	11.186	1386	1394	1397	rBV8	5806	12933	0.25%	0.026%
15	11.522	1444	1451	1456	rBV5	4839	11967	0.23%	0.024%
16	11.810	1496	1500	1507	rVB7	5026	8182	0.16%	0.017%
17	11.922	1512	1519	1523	rBV	47715	73544	1.44%	0.150%
18	12.839	1670	1675	1679	rBV6	9084	14814	0.29%	0.030%
19	12.880	1679	1682	1686	rVV4	10900	15119	0.30%	0.031%
20	12.945	1686	1693	1697	rVB6	8855	18571	0.36%	0.038%
21	13.086	1713	1717	1720	rBV5	7050	11284	0.22%	0.023%
22	13.127	1720	1724	1729	rVV6	18950	39942	0.78%	0.081%
23	13.175	1729	1732	1736	rVV3	16816	25789	0.50%	0.052%
24	13.222	1738	1740	1745	rVB7	9255	10521	0.21%	0.021%
25	13.269	1745	1748	1752	rBV6	6533	12136	0.24%	0.025%
26	13.439	1775	1777	1781	rBV5	4657	6305	0.12%	0.013%
27	13.569	1793	1799	1802	rBV8	9768	20475	0.40%	0.042%
28	13.616	1805	1807	1811	rVB5	6890	9776	0.19%	0.020%
29	13.663	1811	1815	1819	rBV7	14339	28160	0.55%	0.057%
30	13.763	1828	1832	1837	rBV2	78743	109369	2.14%	0.222%
31	13.839	1841	1845	1849	rVV3	66167	94185	1.84%	0.191%
32	13.886	1849	1853	1862	rVB9	27553	63121	1.23%	0.128%
33	14.086	1883	1887	1892	rBV6	41479	89249	1.74%	0.181%
34	14.180	1899	1903	1910	rVB2	131192	211183	4.12%	0.429%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016945.D
Acq On : 02 Oct 2018 05:28
Operator : MJ/SJ
Sample : J5125-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B78

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	14.257	1911	1916	1920	rBV4	38010	64457	1.26%	0.131%
36	14.351	1921	1932	1940	rBV2	3240901	5095505	99.51%	10.359%
37	14.574	1967	1970	1972	rBV4	25002	31764	0.62%	0.065%
38	14.880	2018	2022	2029	rBV4	117559	218362	4.26%	0.444%
39	15.068	2050	2054	2061	rBV9	80326	216242	4.22%	0.440%
40	15.139	2062	2066	2071	rVV2	204168	304276	5.94%	0.619%
41	15.621	2144	2148	2154	rVB2	226917	362389	7.08%	0.737%
42	16.104	2226	2230	2235	rVB	919335	1309744	25.58%	2.663%
43	16.921	2367	2369	2376	rVB	756396	1058133	20.66%	2.151%
44	17.098	2395	2399	2407	rBV2	3283367	5120532	100.00%	10.409%
45	19.027	2724	2727	2732	rVB	1806873	2384673	46.57%	4.848%
46	19.309	2772	2775	2780	rVB	2509072	3202631	62.54%	6.511%
47	19.651	2830	2833	2837	rVB2	1209376	1430124	27.93%	2.907%
48	19.756	2848	2851	2858	rVB	2288239	2954723	57.70%	6.007%
49	20.021	2893	2896	2900	rVB	1403164	1594978	31.15%	3.242%
50	20.074	2901	2905	2909	rVB	1660219	1963878	38.35%	3.992%
51	20.298	2940	2943	2948	rVB	1382540	1684310	32.89%	3.424%
52	20.615	2994	2997	3008	rVB2	1721027	2595605	50.69%	5.277%
53	21.292	3107	3112	3115	rBV	3162768	4219329	82.40%	8.577%
54	23.521	3485	3491	3501	rVB	2295409	4438735	86.69%	9.023%

Sum of corrected areas: 49191051

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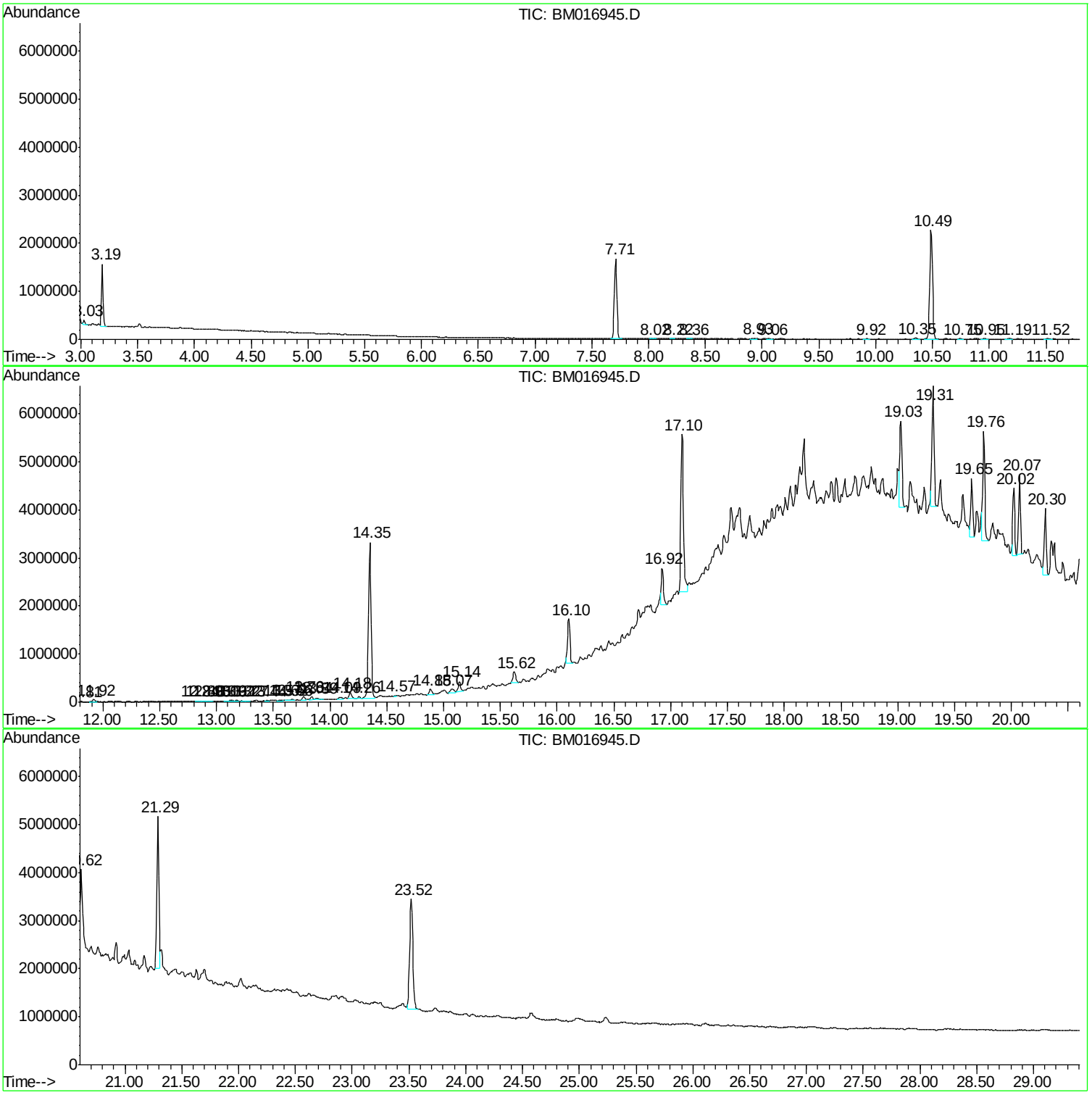
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B78

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

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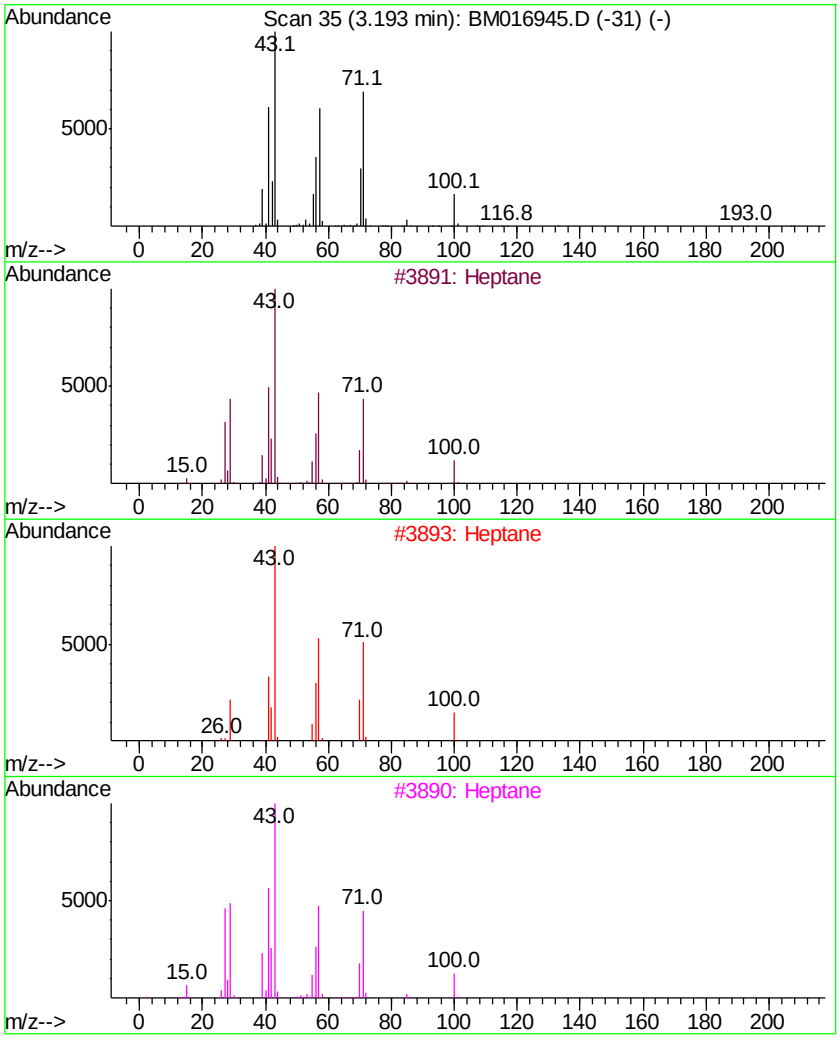
Quant Title : SVOA CALIBRATION

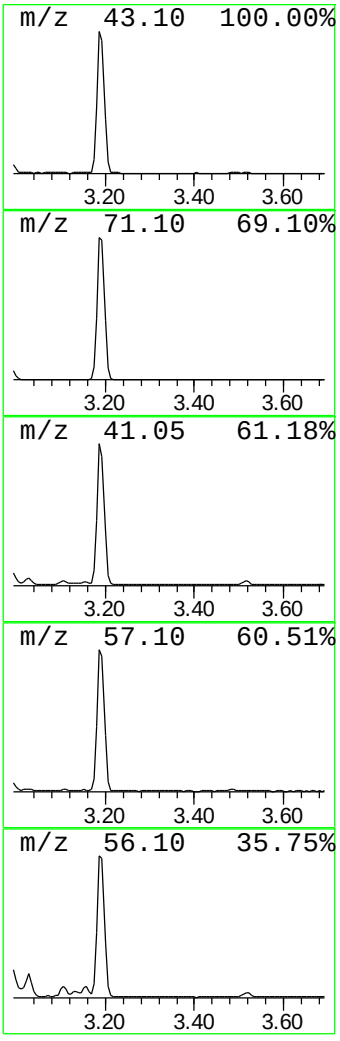
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	10.54 ng/ul	1373620	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	50





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Acq On : 02 Oct 2018 05:28
Operator : MJ/SJ
Sample : J5125-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B78

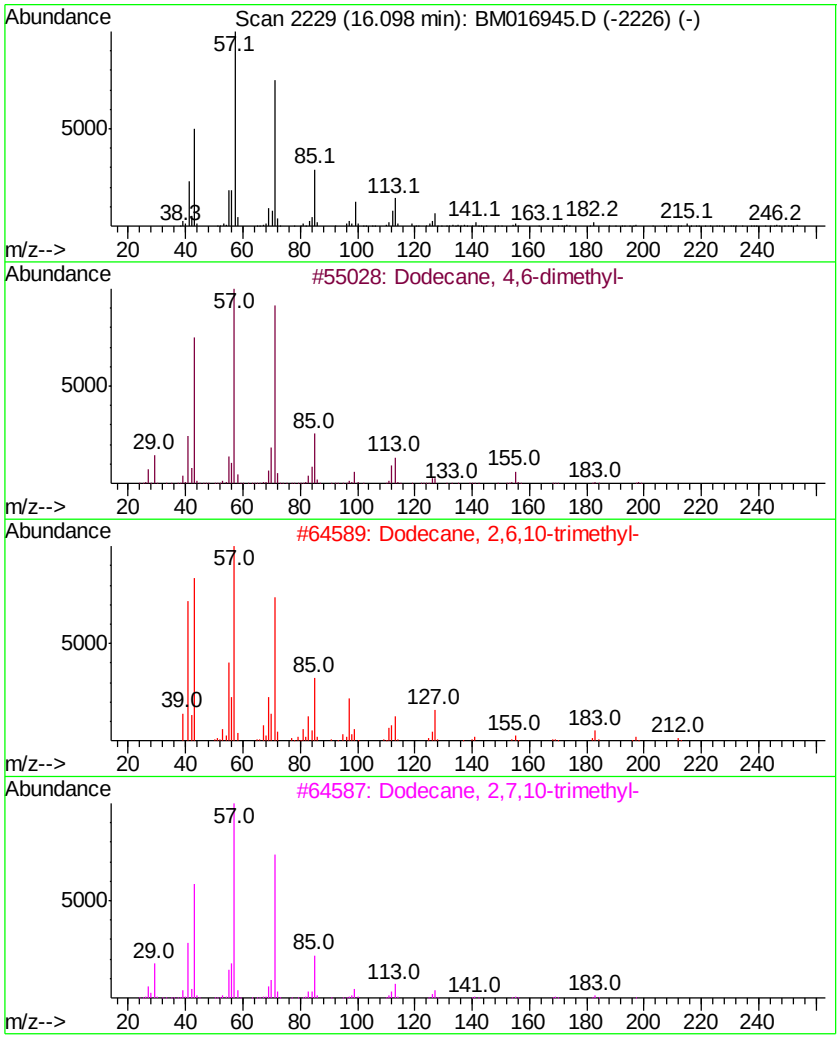
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

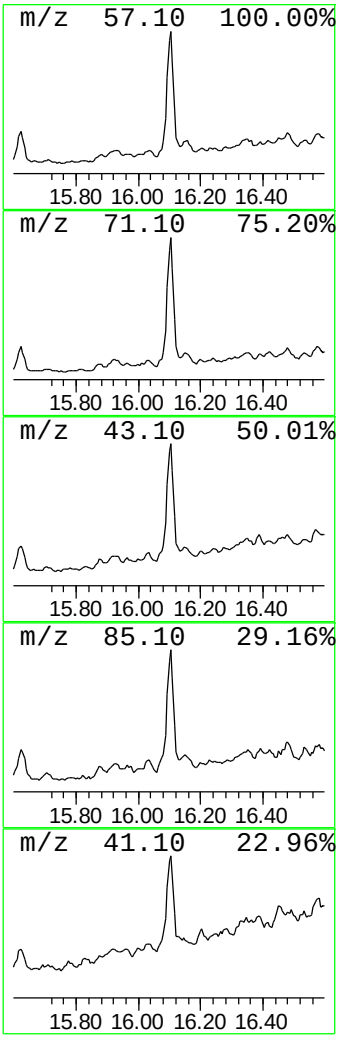
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	5.12 ng/ul	1309740	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	78
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Hexadecane	226	C16H34	000544-76-3	64
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016945.D
Acq On : 02 Oct 2018 05:28
Operator : MJ/SJ
Sample : J5125-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B78

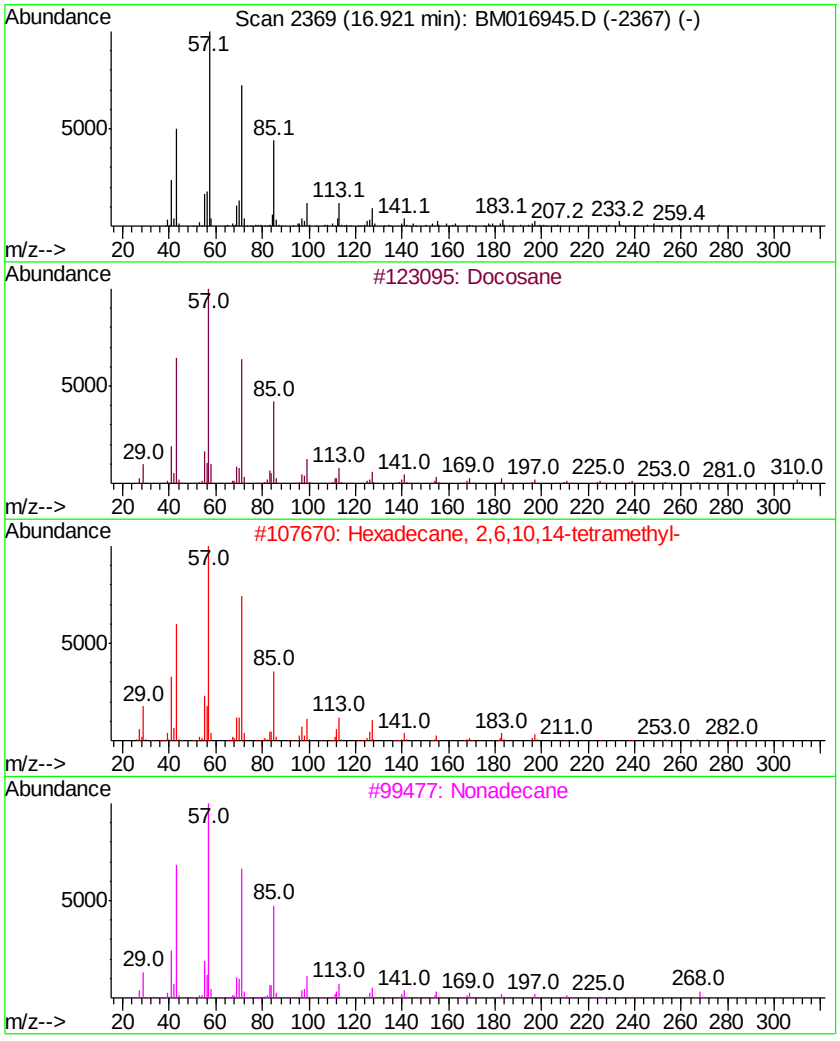
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

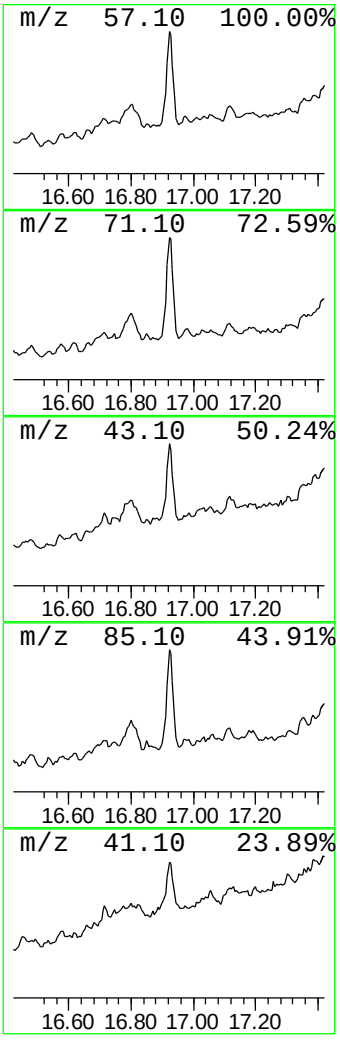
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	4.13 ng/ul	1058130	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83





Library Search Compound Report

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Data File : BM016945.D
Acq On : 02 Oct 2018 05:28
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Sample : J5125-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B78

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

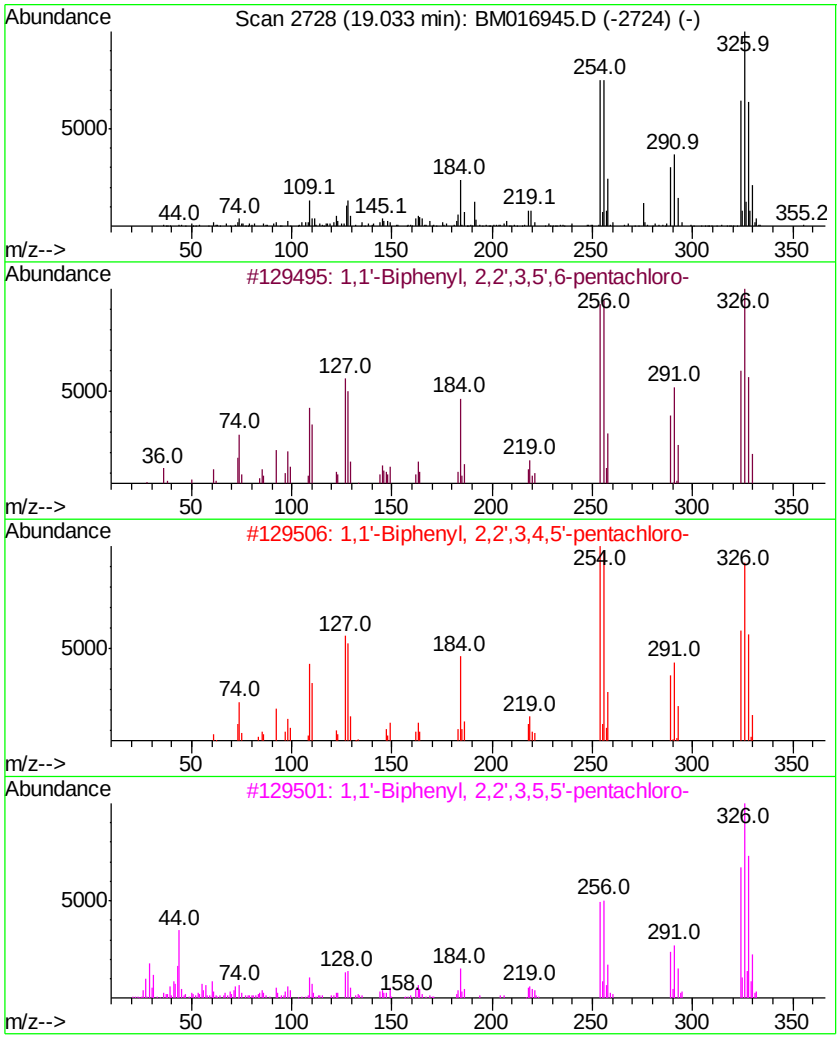
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

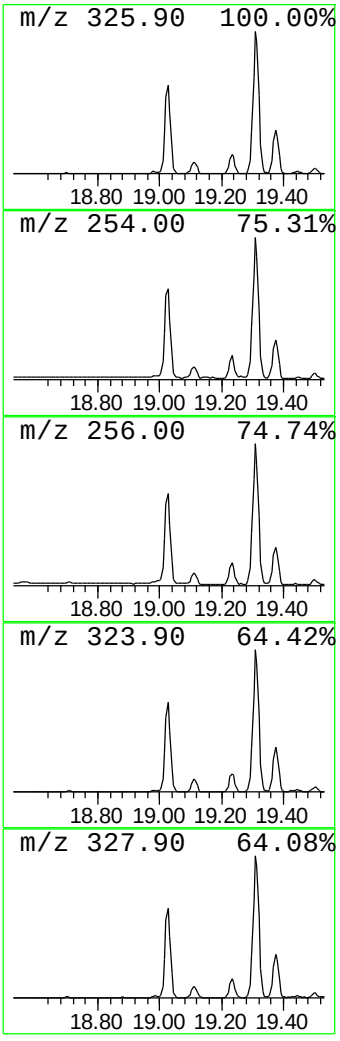
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	9.31 ng/ul	2384670	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
2	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99





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ALS Vial : 33 Sample Multiplier: 1

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

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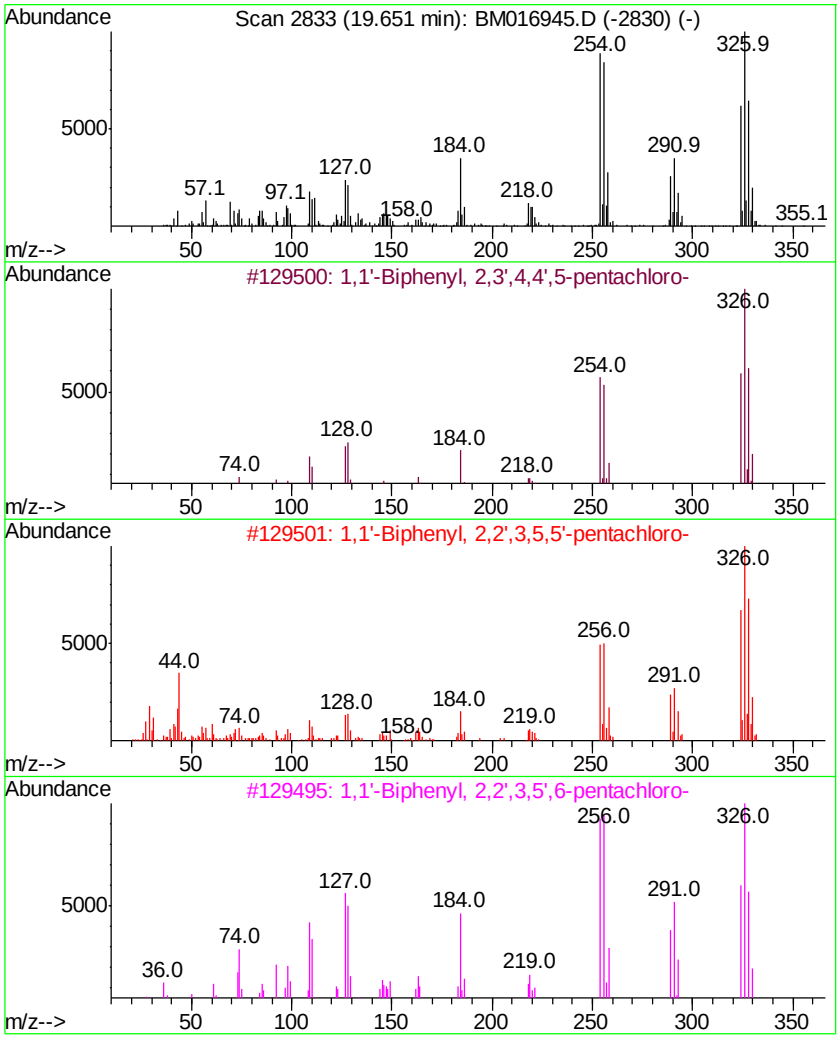
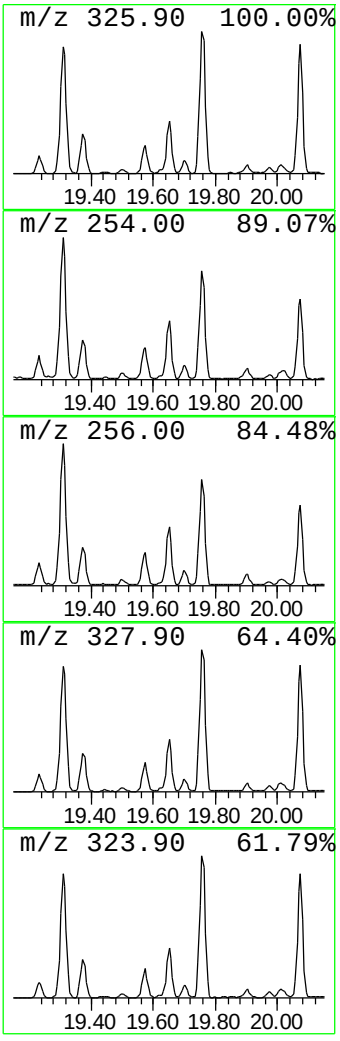
****

Peak Number 6 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	6.78 ng/ul	1430120	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
3	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
5	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99





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Instrument : BNA_M
ClientSampleId : C0B78

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Quant Title : SVOA CALIBRATION

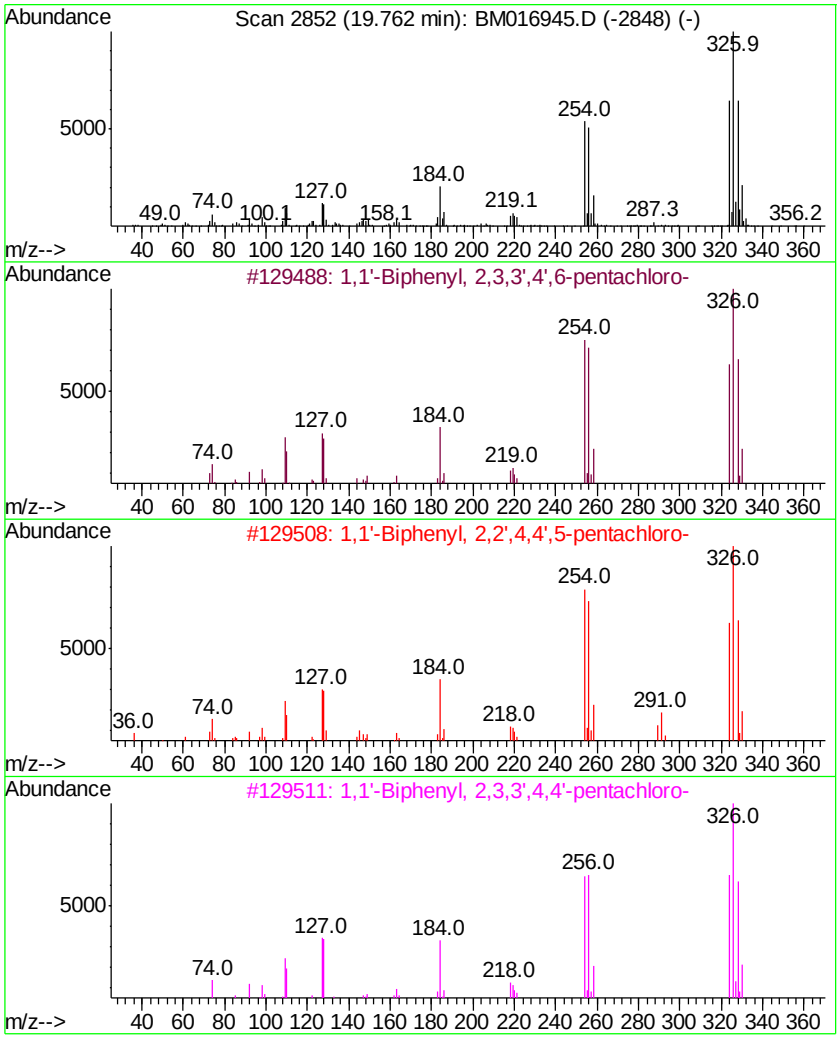
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

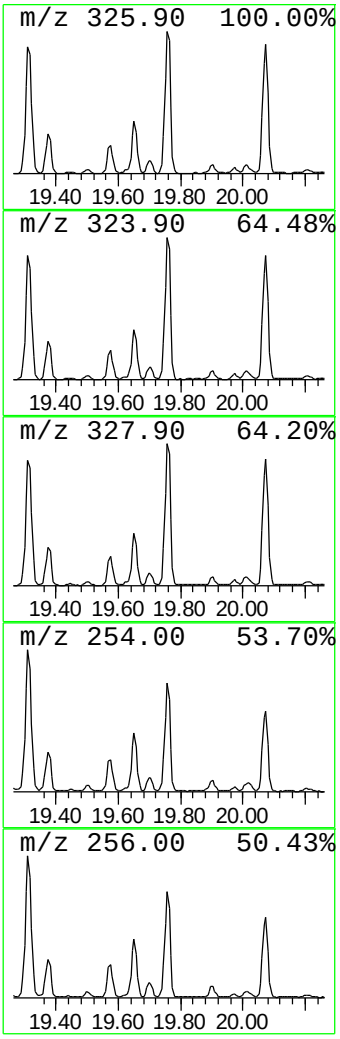
****

Peak Number 7 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	14.01 ng/ul	2954720	Chrysene-d12	21.29

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',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	98
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

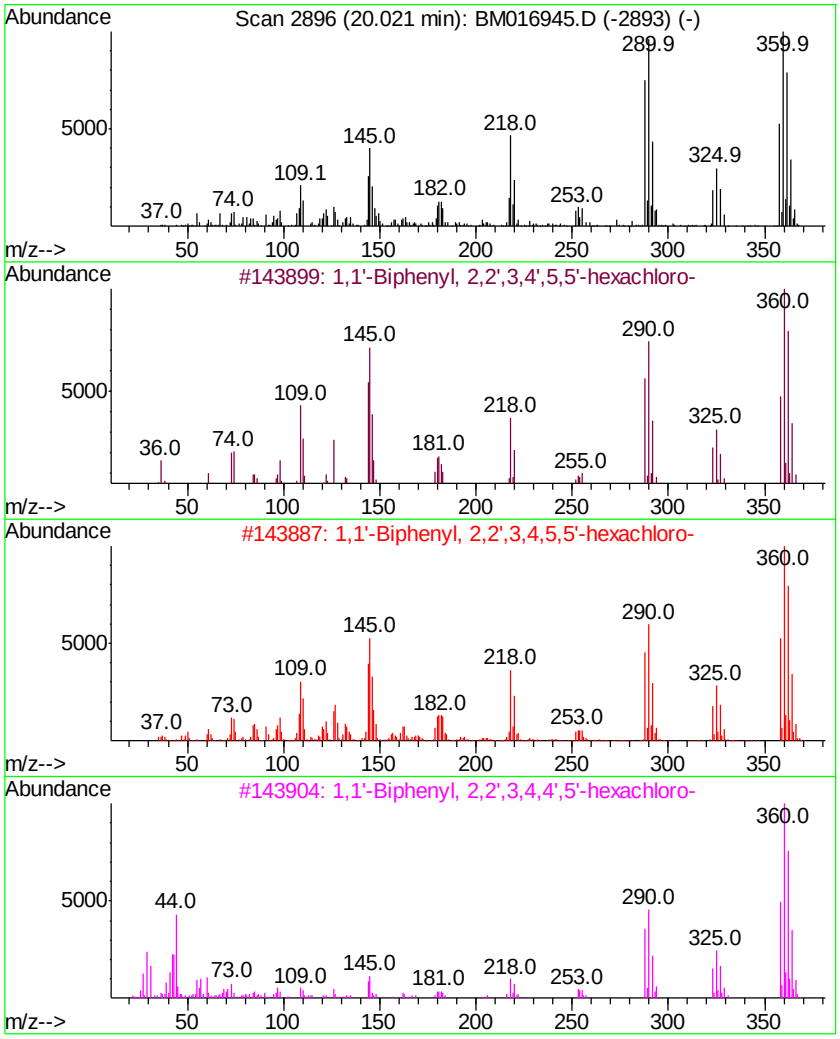
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

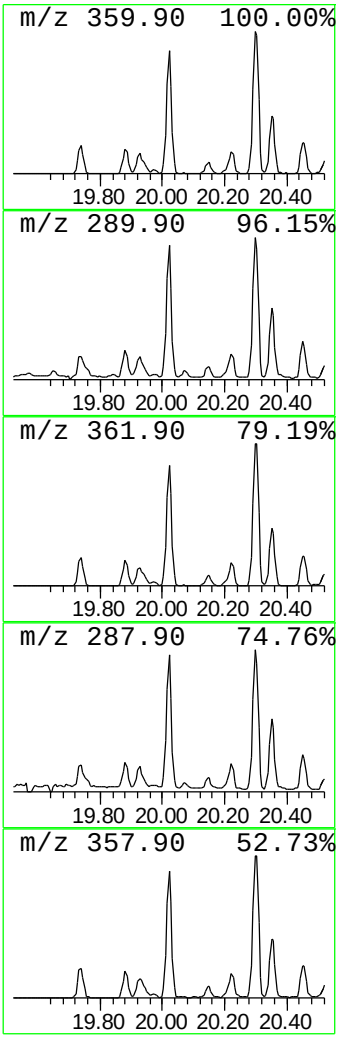
****

Peak Number 8 1,1'-Biphenyl, 2,2',3,4',5,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	7.56 ng/ul	1594980	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
2	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	97
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	97
5	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	95





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

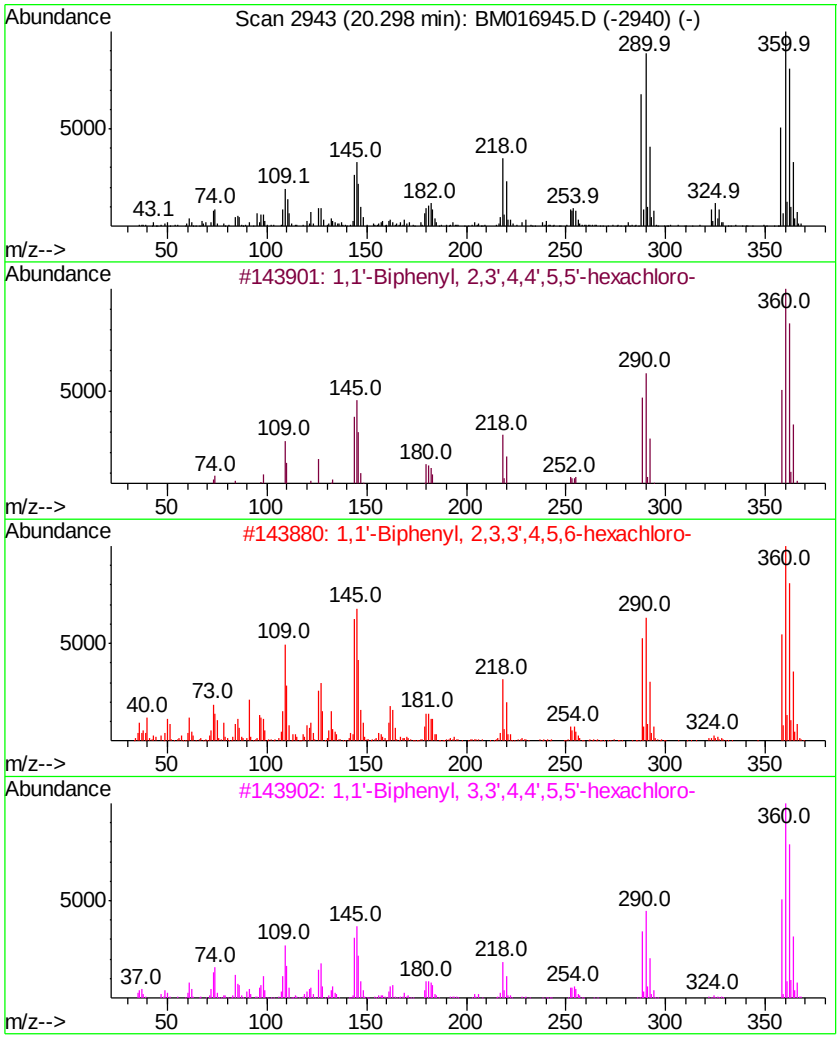
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

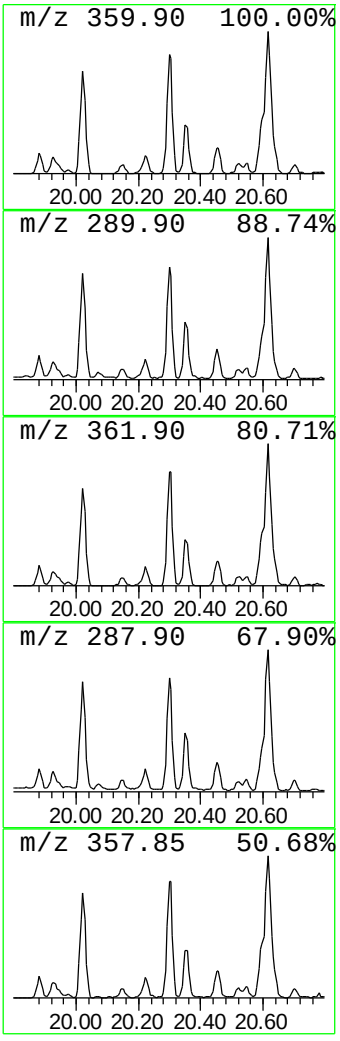
****

Peak Number 10 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	7.98 ng/ul	1684310	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, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	98
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016945.D
Acq On : 02 Oct 2018 05:28
Operator : MJ/SJ
Sample : J5125-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B78

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

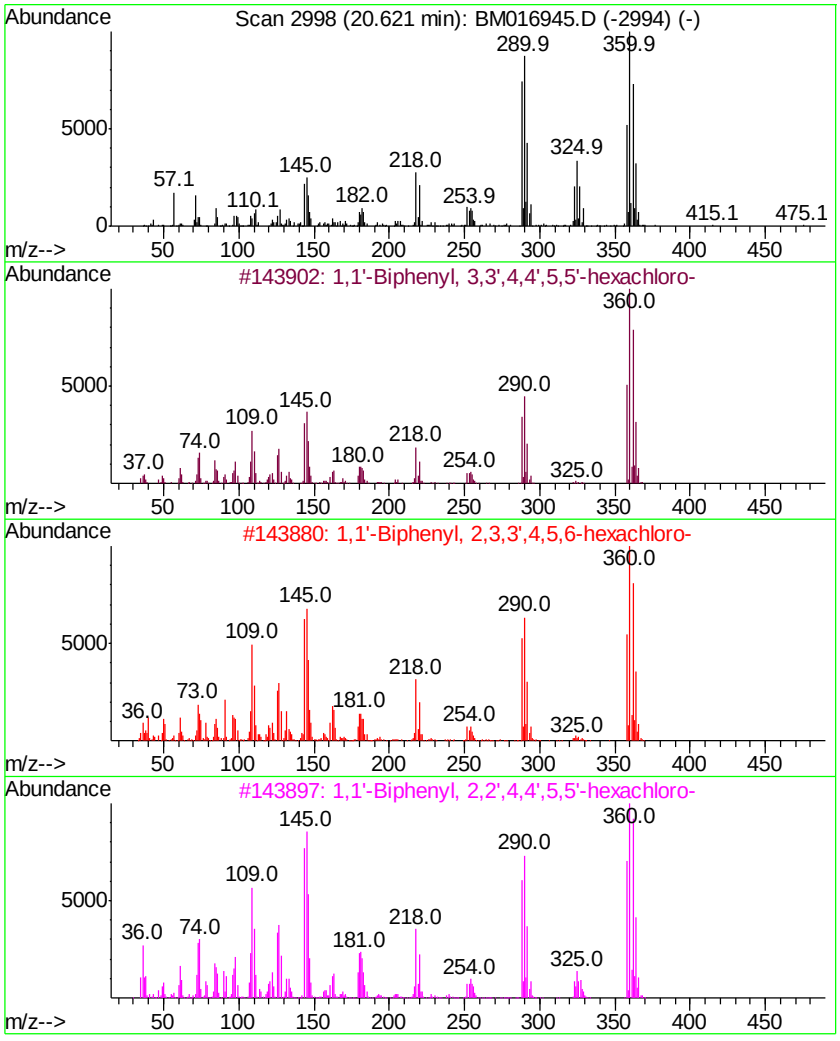
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

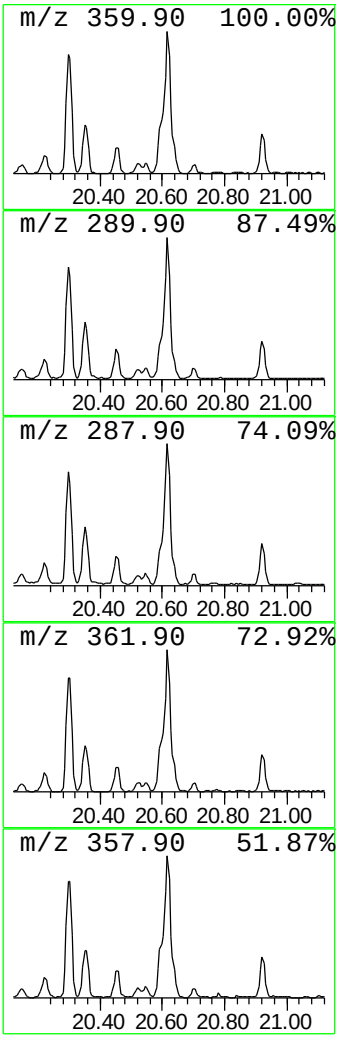
****

Peak Number 11 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	12.30 ng/ul	2595610	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, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
4	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
5	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016945.D
Acq On : 02 Oct 2018 05:28
Operator : MJ/SJ
Sample : J5125-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B78

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	10.5	ng/ul	1373620	1	7.71	2605770	20.0
(DEL) Alkane: Str...	16.10	5.1	ng/ul	1309740	4	17.10	5120530	20.0
(DEL) Alkane: Str...	16.92	4.1	ng/ul	1058130	4	17.10	5120530	20.0
1,1'-Biphenyl, 2,...	19.03	9.3	ng/ul	2384670	4	17.10	5120530	20.0
1,1'-Biphenyl, 2,...	19.65	6.8	ng/ul	1430120	5	21.29	4219330	20.0
1,1'-Biphenyl, 2,...	19.76	14.0	ng/ul	2954720	5	21.29	4219330	20.0
1,1'-Biphenyl, 2,...	20.02	7.6	ng/ul	1594980	5	21.29	4219330	20.0
1,1'-Biphenyl, 2,...	20.30	8.0	ng/ul	1684310	5	21.29	4219330	20.0
1,1'-Biphenyl, 3,...	20.62	12.3	ng/ul	2595610	5	21.29	4219330	20.0