LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016922.D
Acq On : 01 Oct 2018 14:37
Operator : MJ/SJ
Sample : J5127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BC1

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	42	rVB	1257062	1299367	35.51%	4.130%
2	6.810	647	650	654	rBV4	5940	8419	0.23%	0.027%
3	7.563	776	778	782	rVB4	3141	4790	0.13%	0.015%
4	7.710	796	803	811	rBV	1150617	1841028	50.31%	5.851%
5	8.034	854	858	861	rVB2	5001	6689	0.18%	0.021%
6	8.928	1005	1010	1015	rBV2	13738	22931	0.63%	0.073%
7	9.169	1047	1051	1058	rVB6	7673	16370	0.45%	0.052%
8	9.269	1065	1068	1075	rVB4	4300	8482	0.23%	0.027%
9	9.369	1083	1085	1092	rVB4	3134	5656	0.15%	0.018%
10	9.469	1098	1102	1104	rBV5	4190	5700	0.16%	0.018%
11	9.781	1149	1155	1158	rVB5	5702	7844	0.21%	0.025%
12	9.845	1162	1166	1169	rBV4	4502	6762	0.18%	0.021%
13	9.922	1174	1179	1182	rBV5	4484	6352	0.17%	0.020%
14	10.022	1194	1196	1201	rVB5	4311	6721	0.18%	0.021%
15	10.357	1248	1253	1259	rBV	55042	86907	2.37%	0.276%
16	10.492	1264	1276	1287	rVB	1610039	2729101	74.58%	8.674%
17	10.622	1292	1298	1301	rVV4	7914	13589	0.37%	0.043%
18	10.657	1301	1304	1308	rVB3	5172	7843	0.21%	0.025%
19	10.745	1315	1319	1324	rVB6	8132	12082	0.33%	0.038%
20	10.839	1332	1335	1337	rBV2	3438	4635	0.13%	0.015%
21	10.875	1337	1341	1345	rVV4	10013	18220	0.50%	0.058%
22	10.957	1351	1355	1361	rVB6	10831	18442	0.50%	0.059%
23	11.186	1387	1394	1400	rBV8	6680	15793	0.43%	0.050%
24	11.251	1400	1405	1408	rBV6	4348	6344	0.17%	0.020%
25	11.816	1495	1501	1504	rBV5	3760	6924	0.19%	0.022%
26	11.922	1512	1519	1524	rBV	24550	39419	1.08%	0.125%
27	12.063	1539	1543	1547	rVB4	4233	6480	0.18%	0.021%
28	12.527	1618	1622	1626	rBV5	5363	7836	0.21%	0.025%
29	12.616	1635	1637	1647	rVB6	5179	12800	0.35%	0.041%
30	12.698	1647	1651	1654	rBV5	4694	7548	0.21%	0.024%
31	12.751	1656	1660	1661	rBV3	6400	6642	0.18%	0.021%
32	12.786	1661	1666	1671	rVB7	8473	16798	0.46%	0.053%
33	12.839	1671	1675	1679	rBV5	9577	17138	0.47%	0.054%
34	12.886	1680	1683	1688	rBV4	10146	12120	0.33%	0.039%

LSC Area Percent Report

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Acq On : 01 Oct 2018 14:37
Operator : MJ/SJ
Sample : J5127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BC1

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	12.945	1689	1693	1695	rVB5	6433	8737	0.24%	0.028%
36	13.045	1707	1710	1712	rBV4	4285	4718	0.13%	0.015%
37	13.092	1715	1718	1720	rBV3	6001	7982	0.22%	0.025%
38	13.139	1720	1726	1731	rVV3	23940	56146	1.53%	0.178%
39	13.180	1731	1733	1737	rVB4	8868	13197	0.36%	0.042%
40	13.274	1746	1749	1754	rBV6	7394	15873	0.43%	0.050%
41	13.486	1783	1785	1789	rBV5	6763	8035	0.22%	0.026%
42	13.563	1795	1798	1803	rBV6	8868	15699	0.43%	0.050%
43	13.669	1812	1816	1818	rBV5	17568	25818	0.71%	0.082%
44	13.769	1829	1833	1837	rBV2	82532	109453	2.99%	0.348%
45	13.839	1842	1845	1850	rVV3	53629	81807	2.24%	0.260%
46	13.892	1850	1854	1861	rVB6	36424	73893	2.02%	0.235%
47	14.051	1879	1881	1883	rBV3	12435	12100	0.33%	0.038%
48	14.086	1883	1887	1892	rBV7	45317	97056	2.65%	0.308%
49	14.180	1899	1903	1911	rVB2	150482	246151	6.73%	0.782%
50	14.257	1912	1916	1921	rBV6	47824	84478	2.31%	0.268%
51	14.351	1922	1932	1942	rBV2	2170209	3604775	98.51%	11.457%
52	14.445	1943	1948	1952	rBV5	42661	87334	2.39%	0.278%
53	14.886	2019	2023	2030	rBV3	150588	260819	7.13%	0.829%
54	14.986	2036	2040	2041	rBV3	64977	90880	2.48%	0.289%
55	15.080	2051	2056	2061	rBV7	99027	227186	6.21%	0.722%
56	15.145	2062	2067	2072	rVV2	267235	428038	11.70%	1.360%
57	16.104	2223	2230	2235	rBV2	1089762	2037797	55.69%	6.477%
58	16.927	2367	2370	2377	rVB	946631	1331851	36.40%	4.233%
59	17.104	2396	2400	2407	rBV	2395783	3659258	100.00%	11.630%
60	20.021	2893	2896	2900	rVB2	1238854	1502791	41.07%	4.776%
61	20.297	2940	2943	2948	rVB	1340122	1694602	46.31%	5.386%
62	20.762	3020	3022	3028	rVB2	638118	770670	21.06%	2.449%
63	21.292	3108	3112	3115	rBV	2576850	3315496	90.61%	10.538%
64	21.321	3115	3117	3122	rVB2	1251157	1269530	34.69%	4.035%
65	21.627	3167	3169	3174	rVB	413176	490821	13.41%	1.560%
66	23.527	3486	3492	3501	rVB	1818896	3536574	96.65%	11.240%

Sum of corrected areas: 31463337

LSC Report - Integrated Chromatogram

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Acq On : 01 Oct 2018 14:37
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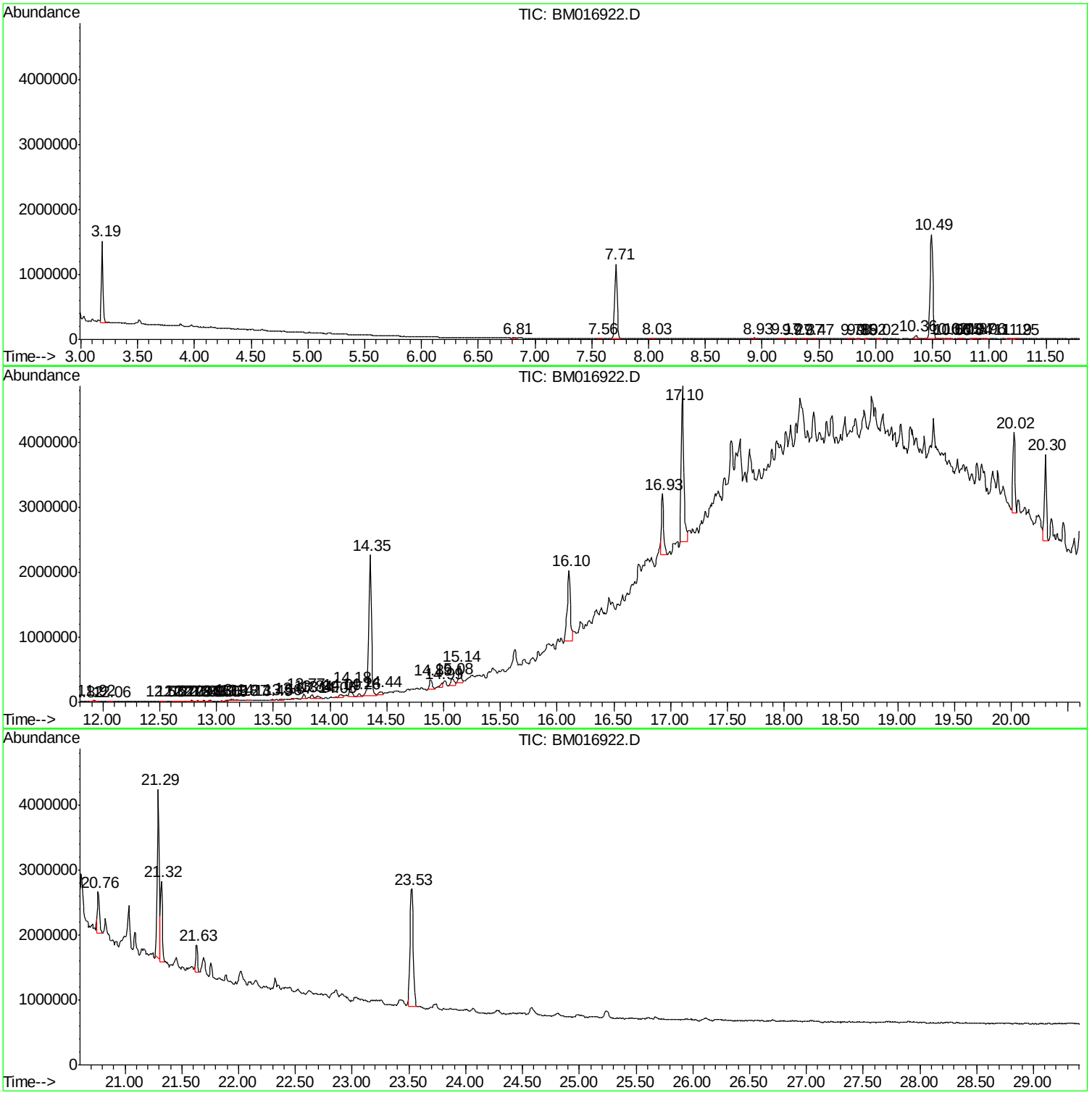
Sample : J5127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BC1

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 : BM016922.D
Acq On : 01 Oct 2018 14:37
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Sample : J5127-05
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Instrument : BNA_M
ClientSampleId : C0BC1

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

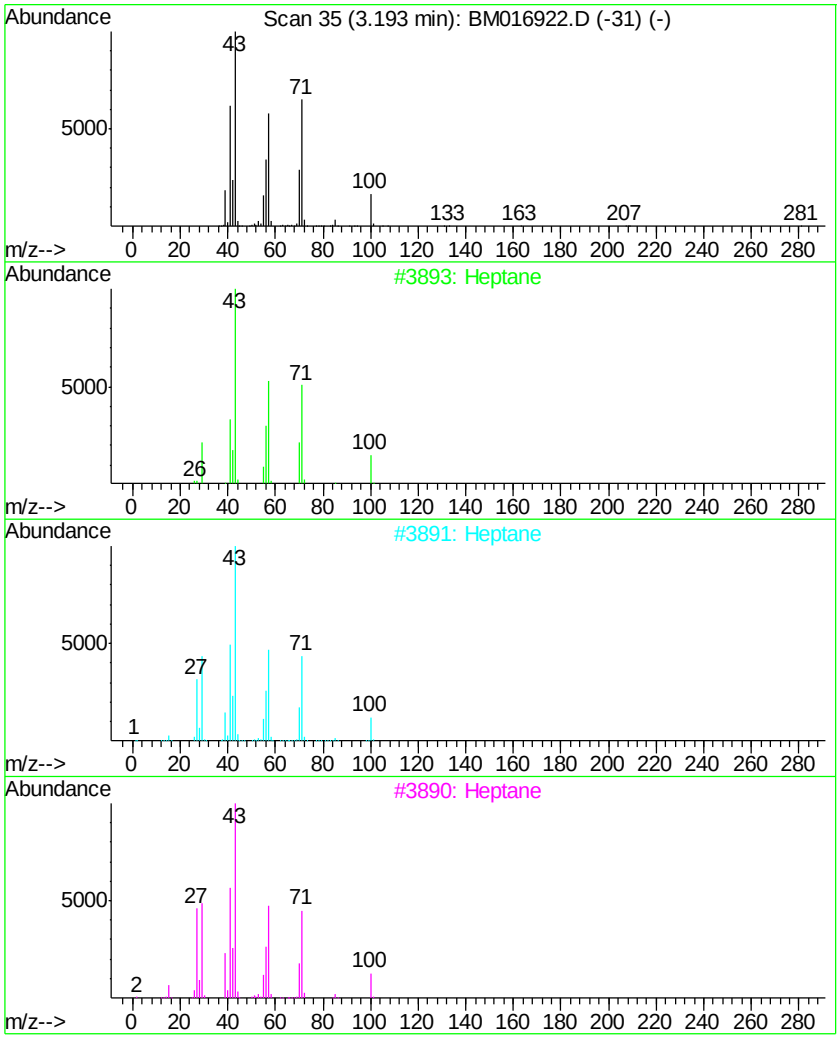
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

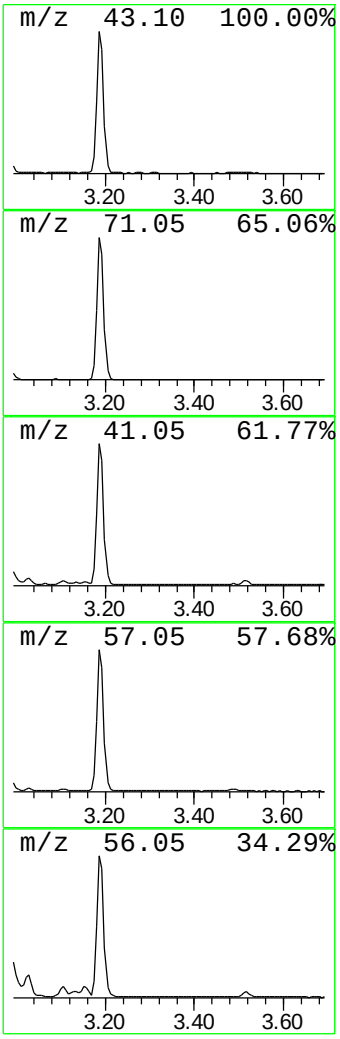
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	14.12 ng/ul	1299370	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	90
3	Heptane	100	C7H16	000142-82-5	90
4	Heptane	100	C7H16	000142-82-5	87
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016922.D
Acq On : 01 Oct 2018 14:37
Operator : MJ/SJ
Sample : J5127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BC1

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

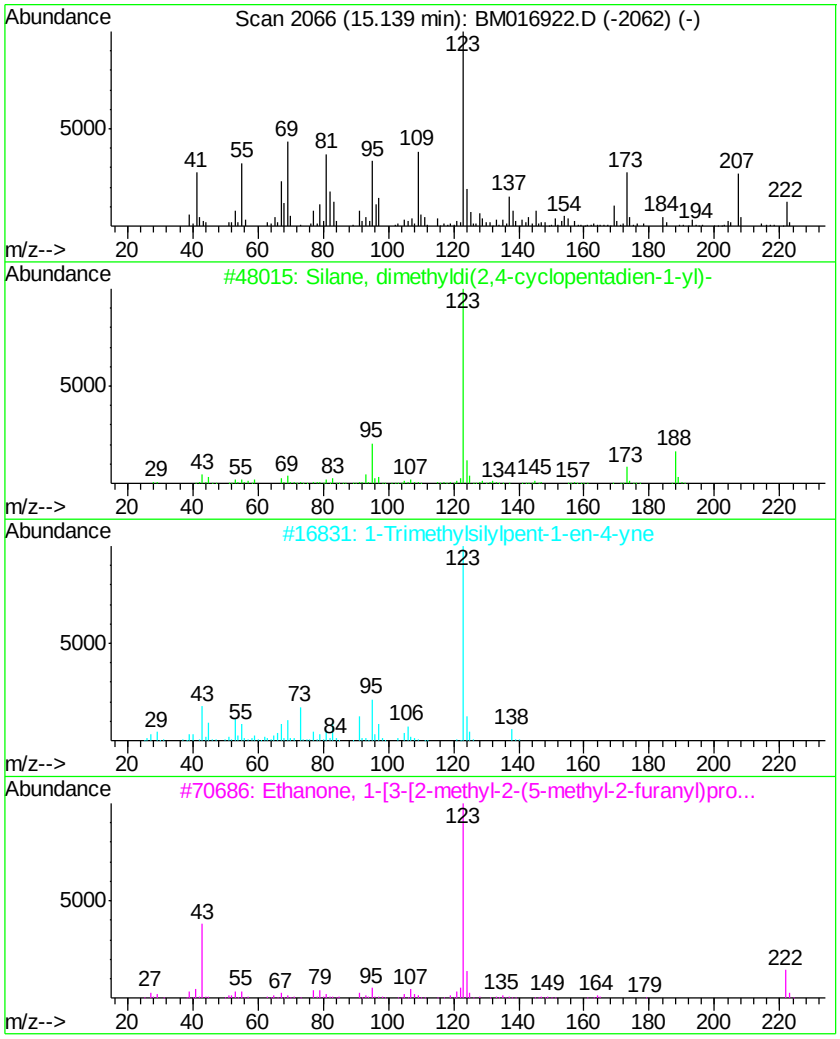
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

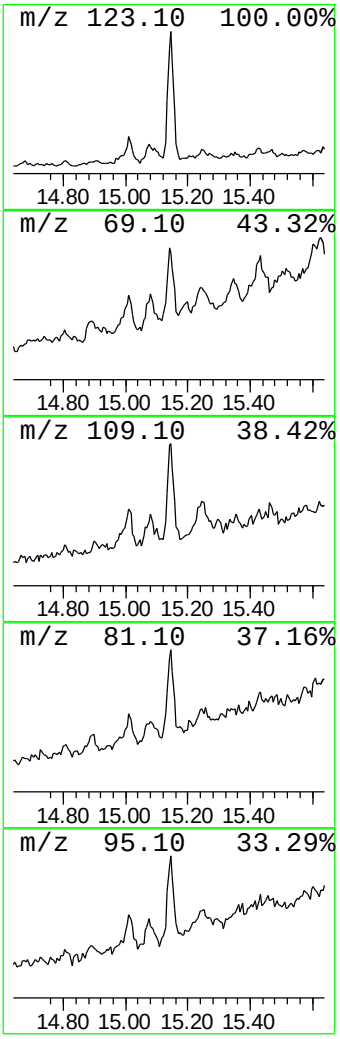
****

Peak Number 2 Silane, dimethyldi(2,4-cycl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	2.37 ng/ul	428038	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dimethyldi(2,4-cyclopent...	188	C12H16Si	018053-74-2	50
2	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	47
3	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	46
4	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	45
5	Pyridine, 1,2,3,6-tetrahydro-1-(...	153	C9H15NO	057150-46-6	43





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Sample : J5127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BC1

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

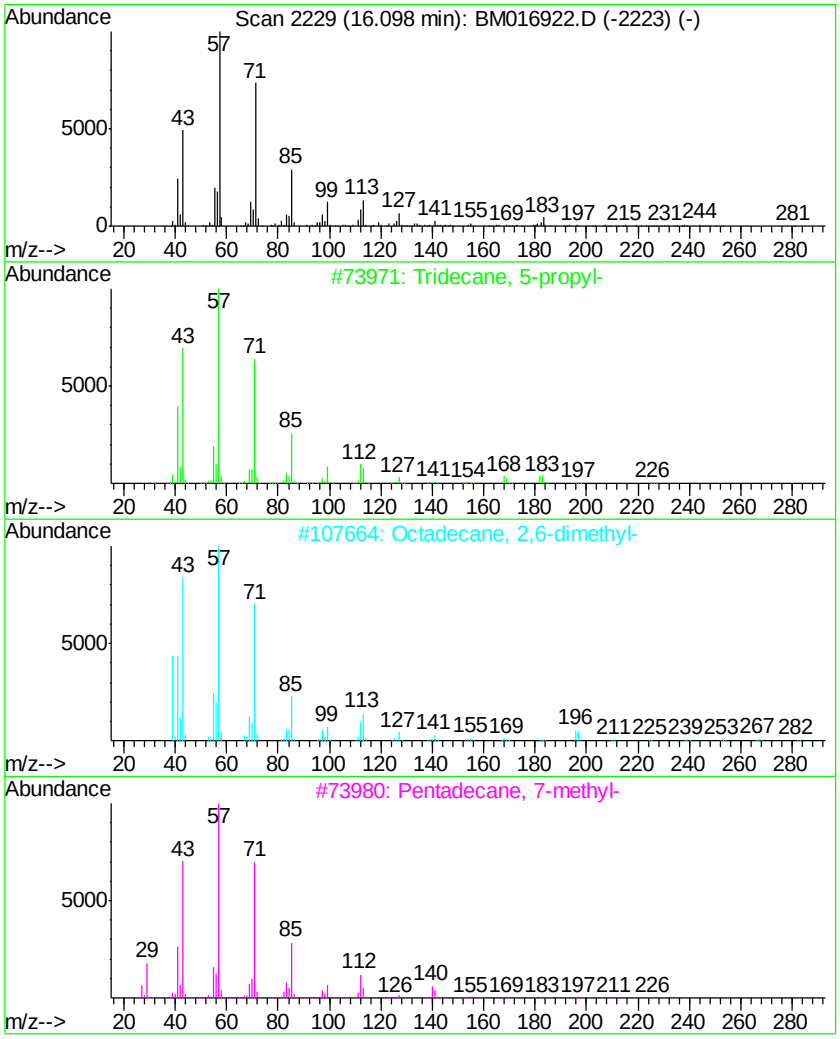
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

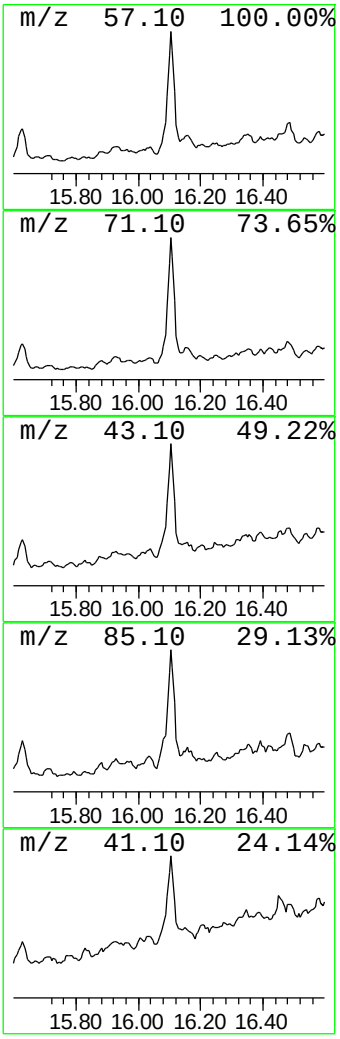
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	11.14 ng/ul	2037800	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	94
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	86
4	Heptacosane	380	C27H56	000593-49-7	86
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	78





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BC1

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

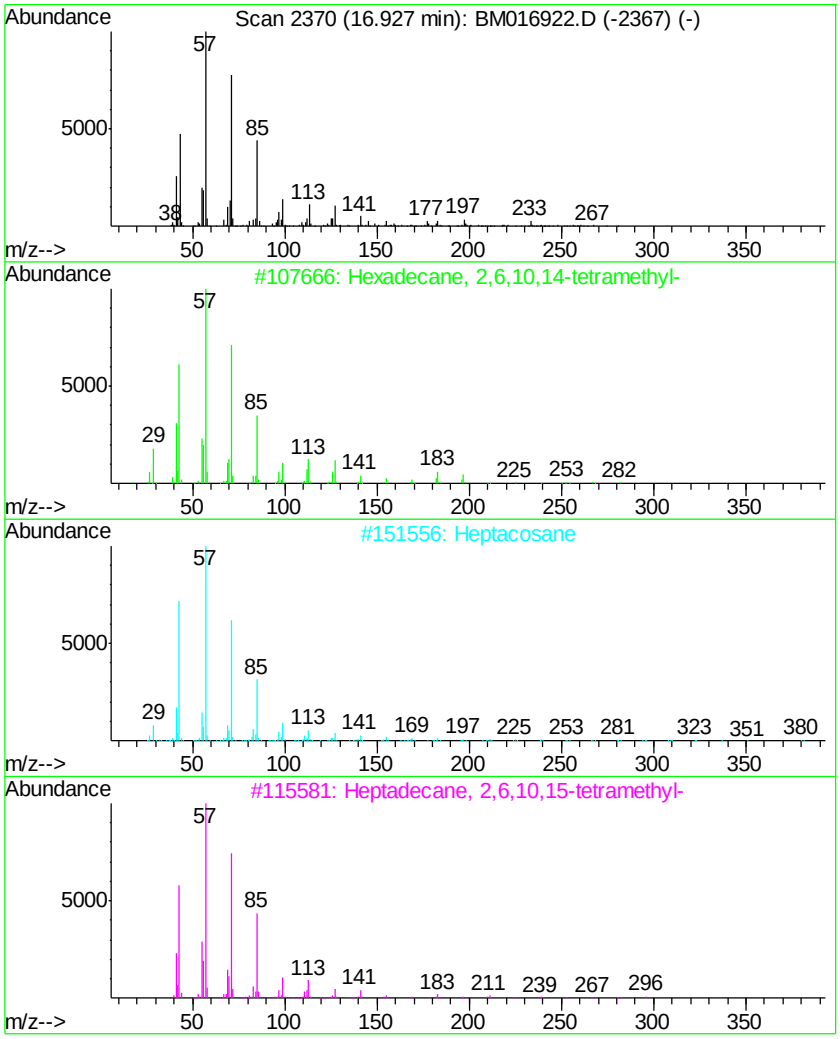
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

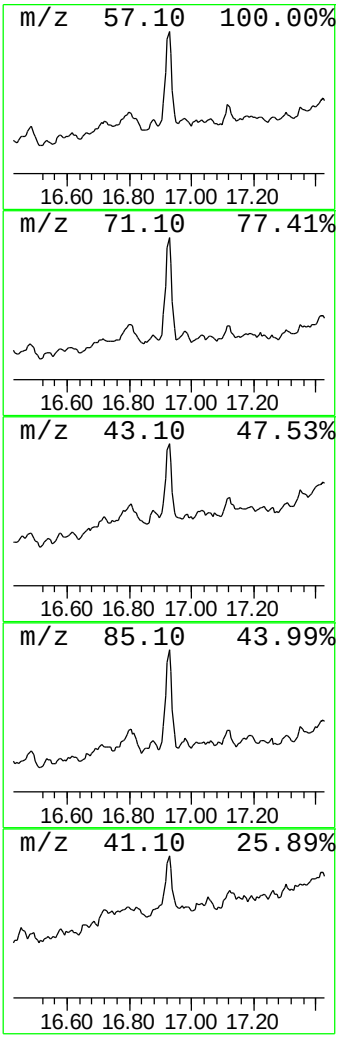
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	7.28 ng/ul	1331850	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	90
2	Heptacosane	380	C27H56	000593-49-7	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Library Search Compound Report

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

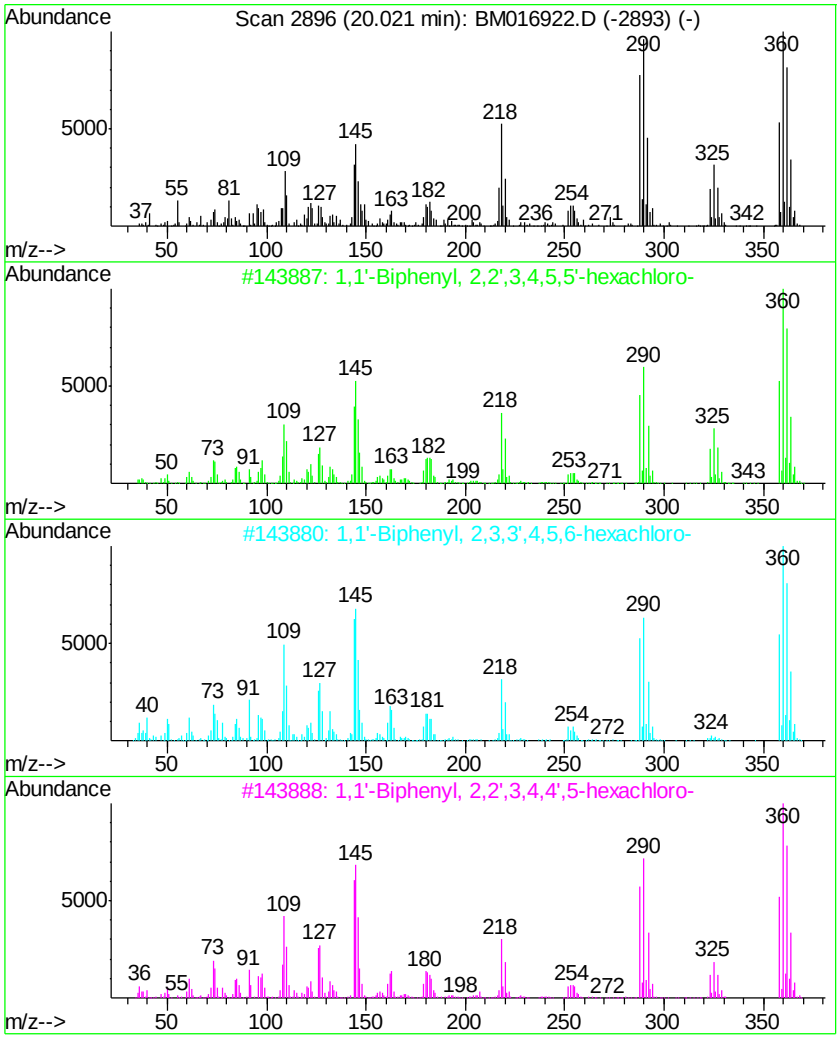
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

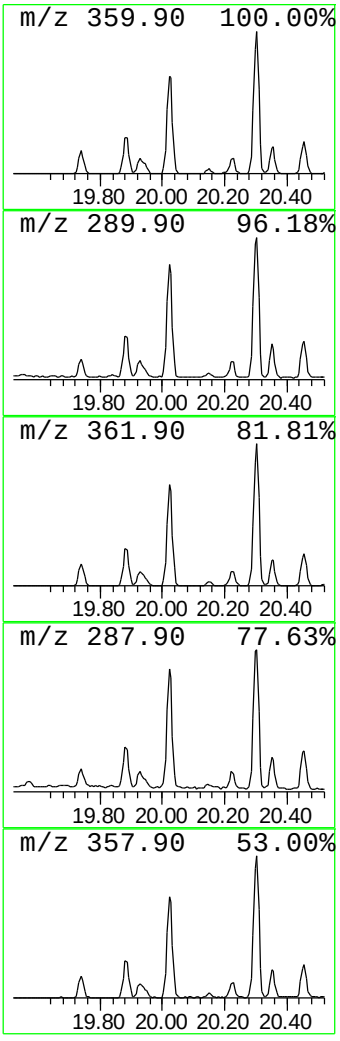
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	9.07 ng/ul	1502790	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',5-hex...	358	C12H4Cl6	035694-06-5	99
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99





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Quant Title : SVOA CALIBRATION

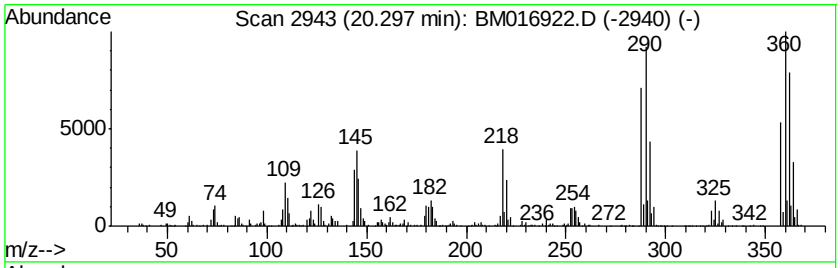
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

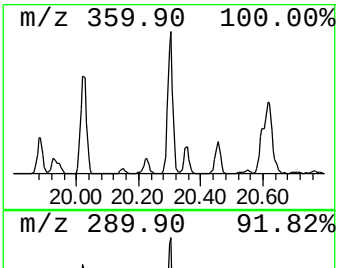
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	10.22 ng/ul	1694600	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, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016922.D
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

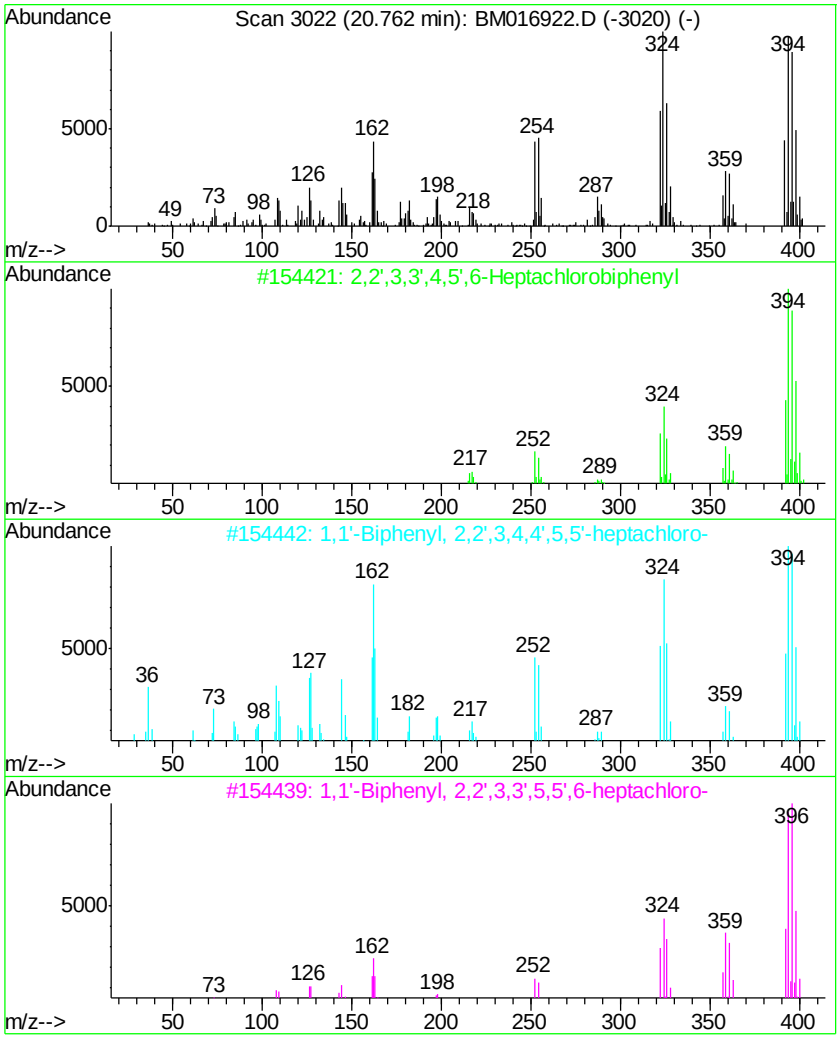
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

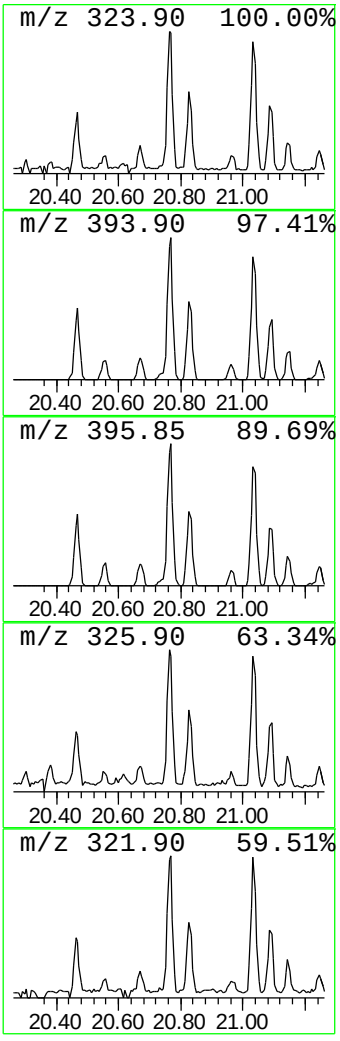
****

Peak Number 7 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	4.65 ng/ul	770670	Chrysene-d12	21.29

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',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
3	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016922.D
Acq On : 01 Oct 2018 14:37
Operator : MJ/SJ
Sample : J5127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BC1

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

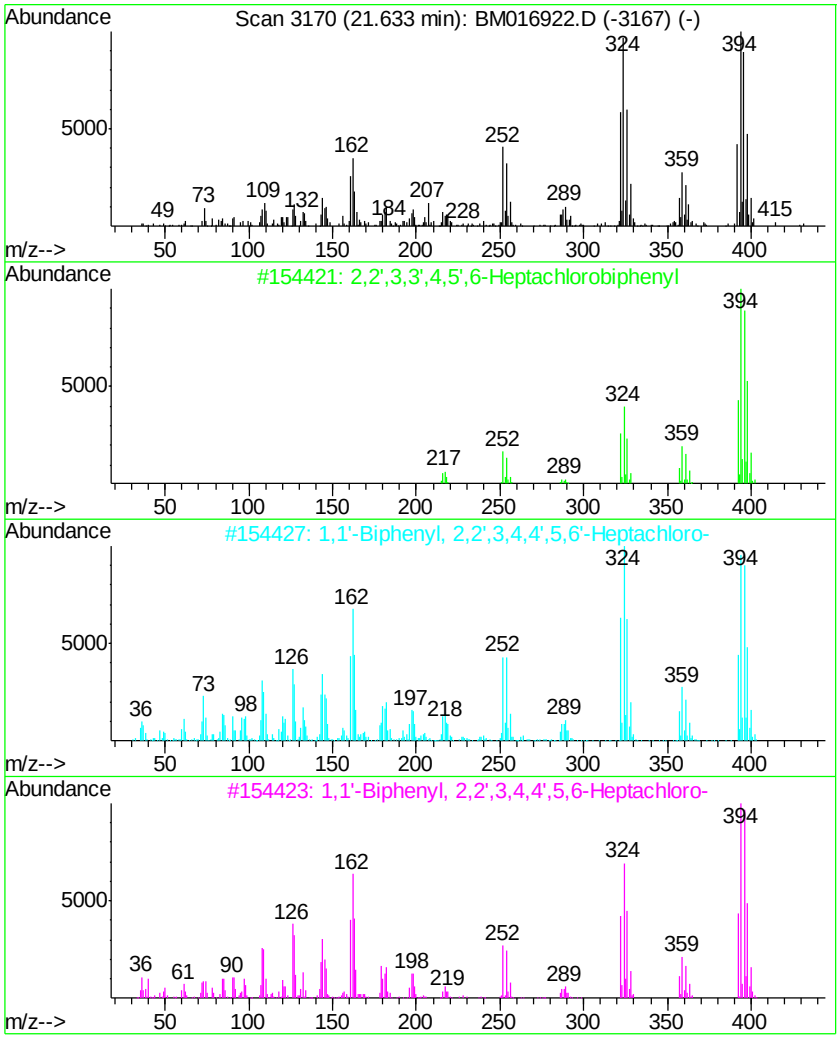
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

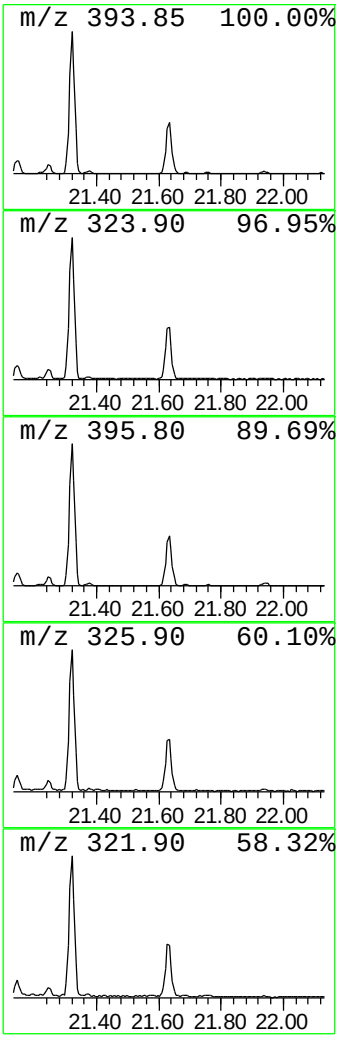
****

Peak Number 8 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	2.96 ng/ul	490821	Chrysene-d12	21.29

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',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6-H...	392	C12H3Cl7	074472-47-2	99
4	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	98





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016922.D
Acq On : 01 Oct 2018 14:37
Operator : MJ/SJ
Sample : J5127-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BC1

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	14.1	ng/ul	1299370	1	7.71	1841030	20.0
Silane, dimethyld...	15.14	2.4	ng/ul	428038	3	14.35	3604780	20.0
(DEL) Alkane: Str...	16.10	11.1	ng/ul	2037800	4	17.10	3659260	20.0
(DEL) Alkane: Str...	16.93	7.3	ng/ul	1331850	4	17.10	3659260	20.0
1,1'-Biphenyl, 2,...	20.02	9.1	ng/ul	1502790	5	21.29	3315500	20.0
1,1'-Biphenyl, 2,...	20.30	10.2	ng/ul	1694600	5	21.29	3315500	20.0
2,2',3,3',4,5',6-...	20.76	4.7	ng/ul	770670	5	21.29	3315500	20.0
2,2',3,3',4,5',6-...	21.63	3.0	ng/ul	490821	5	21.29	3315500	20.0