LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019821.D
Acq On : 09 Apr 2019 07:45
Operator : JU/SJ
Sample : K2188-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF651

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-BM032219MA.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	3.116	19	22	30	rVB	46467	64206	2.33%	0.273%
2	3.622	104	108	117	rVB	35265	50924	1.85%	0.216%
3	3.687	117	119	121	rBV3	4998	5123	0.19%	0.022%
4	3.810	138	140	149	rVB6	6865	11465	0.42%	0.049%
5	4.116	190	192	195	rBV3	2504	3194	0.12%	0.014%
6	4.205	205	207	210	rVB2	4413	3681	0.13%	0.016%
7	4.357	230	233	243	rVB5	4058	8658	0.31%	0.037%
8	4.710	290	293	297	rVB2	5023	7794	0.28%	0.033%
9	6.757	635	641	656	rBV	213847	481988	17.47%	2.047%
10	6.916	662	668	686	rBV	193545	367039	13.30%	1.559%
11	7.098	692	699	715	rVV	296604	521338	18.90%	2.214%
12	7.199	715	716	723	rVB6	2130	3893	0.14%	0.017%
13	7.557	769	777	785	rBV	602247	943333	34.19%	4.006%
14	8.281	894	900	916	rBV	282707	557904	20.22%	2.369%
15	8.404	919	921	926	rVB4	3035	4158	0.15%	0.018%
16	8.734	970	977	991	rBV	233428	446901	16.20%	1.898%
17	9.045	1025	1030	1036	rVB	17818	24851	0.90%	0.106%
18	9.445	1091	1098	1111	rBV	184868	358037	12.98%	1.520%
19	9.739	1140	1148	1150	rBV5	4944	10473	0.38%	0.044%
20	9.981	1180	1189	1206	rBV	244843	563492	20.43%	2.393%
21	10.116	1209	1212	1215	rVB4	3204	4033	0.15%	0.017%
22	10.198	1224	1226	1230	rVB4	3442	3796	0.14%	0.016%
23	10.275	1236	1239	1243	rVB4	6776	8933	0.32%	0.038%
24	10.339	1243	1250	1262	rBV	710863	1218537	44.17%	5.175%
25	10.469	1267	1272	1274	rBV3	6095	8291	0.30%	0.035%
26	10.516	1274	1280	1296	rBV	115113	311430	11.29%	1.323%
27	10.722	1312	1315	1319	rVB3	5519	7826	0.28%	0.033%
28	10.787	1321	1326	1331	rVB4	15305	22801	0.83%	0.097%
29	10.916	1342	1348	1350	rBV6	1887	3349	0.12%	0.014%
30	10.969	1354	1357	1359	rBV2	3326	3841	0.14%	0.016%
31	11.051	1366	1371	1372	rBV4	3690	5855	0.21%	0.025%
32	11.069	1372	1374	1380	rVB4	3850	4706	0.17%	0.020%
33	11.134	1380	1385	1389	rBV7	6049	11497	0.42%	0.049%
34	11.216	1396	1399	1406	rVB6	4713	7582	0.27%	0.032%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019821.D
Acq On : 09 Apr 2019 07:45
Operator : JU/SJ
Sample : K2188-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF651

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-BM032219MA.M
Title : SVOA CALIBRATION

35	11.286	1407	1411	1413	rBV4	3005	3633	0.13%	0.015%
36	11.322	1413	1417	1420	rBV3	17859	28517	1.03%	0.121%
37	11.492	1443	1446	1454	rVB7	7040	12502	0.45%	0.053%
38	11.581	1454	1461	1466	rBV3	24815	44469	1.61%	0.189%
39	11.622	1466	1468	1473	rVB6	3997	5536	0.20%	0.024%
40	11.733	1483	1487	1493	rBV5	19839	37762	1.37%	0.160%
41	11.928	1518	1520	1522	rBV3	3785	3886	0.14%	0.017%
42	11.957	1522	1525	1530	rVB3	14809	24433	0.89%	0.104%
43	12.004	1530	1533	1534	rBV2	4139	3637	0.13%	0.015%
44	12.051	1536	1541	1547	rBV7	11880	26722	0.97%	0.113%
45	12.139	1553	1556	1561	rVB6	9693	13617	0.49%	0.058%
46	12.175	1561	1562	1563	rBV	5548	3625	0.13%	0.015%
47	12.228	1569	1571	1572	rBV2	4705	4087	0.15%	0.017%
48	12.339	1589	1590	1593	rBV3	5185	5311	0.19%	0.023%
49	12.386	1593	1598	1601	rVV5	17965	28770	1.04%	0.122%
50	12.522	1618	1621	1625	rBV6	10750	15910	0.58%	0.068%
51	12.610	1632	1636	1640	rVB3	24106	35207	1.28%	0.150%
52	12.657	1641	1644	1648	rBV5	10691	18070	0.65%	0.077%
53	12.710	1649	1653	1658	rVB	52951	76635	2.78%	0.325%
54	12.769	1661	1663	1667	rBV4	10424	16565	0.60%	0.070%
55	12.951	1688	1694	1697	rBV3	48816	86496	3.14%	0.367%
56	13.010	1701	1704	1709	rVB	35213	54556	1.98%	0.232%
57	13.245	1740	1744	1750	rBV9	15115	36460	1.32%	0.155%
58	13.398	1766	1770	1774	rBV6	23149	40983	1.49%	0.174%
59	13.439	1774	1777	1781	rBV5	19867	33549	1.22%	0.142%
60	13.604	1800	1805	1807	rBV2	90167	126742	4.59%	0.538%
61	13.639	1807	1811	1816	rBV	539161	754232	27.34%	3.203%
62	13.916	1852	1858	1866	rBV	723958	1157681	41.96%	4.916%
63	14.022	1872	1876	1882	rVB2	148759	239048	8.66%	1.015%
64	14.098	1883	1889	1893	rBV3	87630	159693	5.79%	0.678%
65	14.157	1895	1899	1903	rVV2	77099	128025	4.64%	0.544%
66	14.222	1904	1910	1916	rVB2	1009877	1536044	55.68%	6.523%
67	14.510	1955	1959	1961	rBV2	78063	125930	4.56%	0.535%
68	14.722	1992	1995	1996	rBV2	39411	42456	1.54%	0.180%
69	14.916	2024	2028	2035	rBV2	55553	132530	4.80%	0.563%
70	14.986	2036	2040	2044	rVV	179805	236126	8.56%	1.003%
71	15.222	2076	2080	2086	rBV	816686	1185356	42.97%	5.034%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019821.D
Acq On : 09 Apr 2019 07:45
Operator : JU/SJ
Sample : K2188-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF651

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-BM032219MA.M
Title : SVOA CALIBRATION

72	15.945	2198	2203	2208	rBV2	183416	302085	10.95%	1.283%
73	16.986	2375	2380	2385	rBV	1277329	1652334	59.89%	7.017%
74	17.086	2392	2397	2404	rBV	965373	1323100	47.96%	5.619%
75	19.392	2785	2789	2794	rBV2	998525	1485661	53.85%	6.309%
76	19.904	2873	2876	2884	rVB2	427188	631980	22.91%	2.684%
77	20.186	2921	2924	2928	rVB	439451	493971	17.91%	2.098%
78	21.198	3091	3096	3101	rBV	1956559	2758814	100.00%	11.716%
79	23.403	3466	3471	3477	rVB	1436597	2353951	85.32%	9.997%

Sum of corrected areas: 23547626

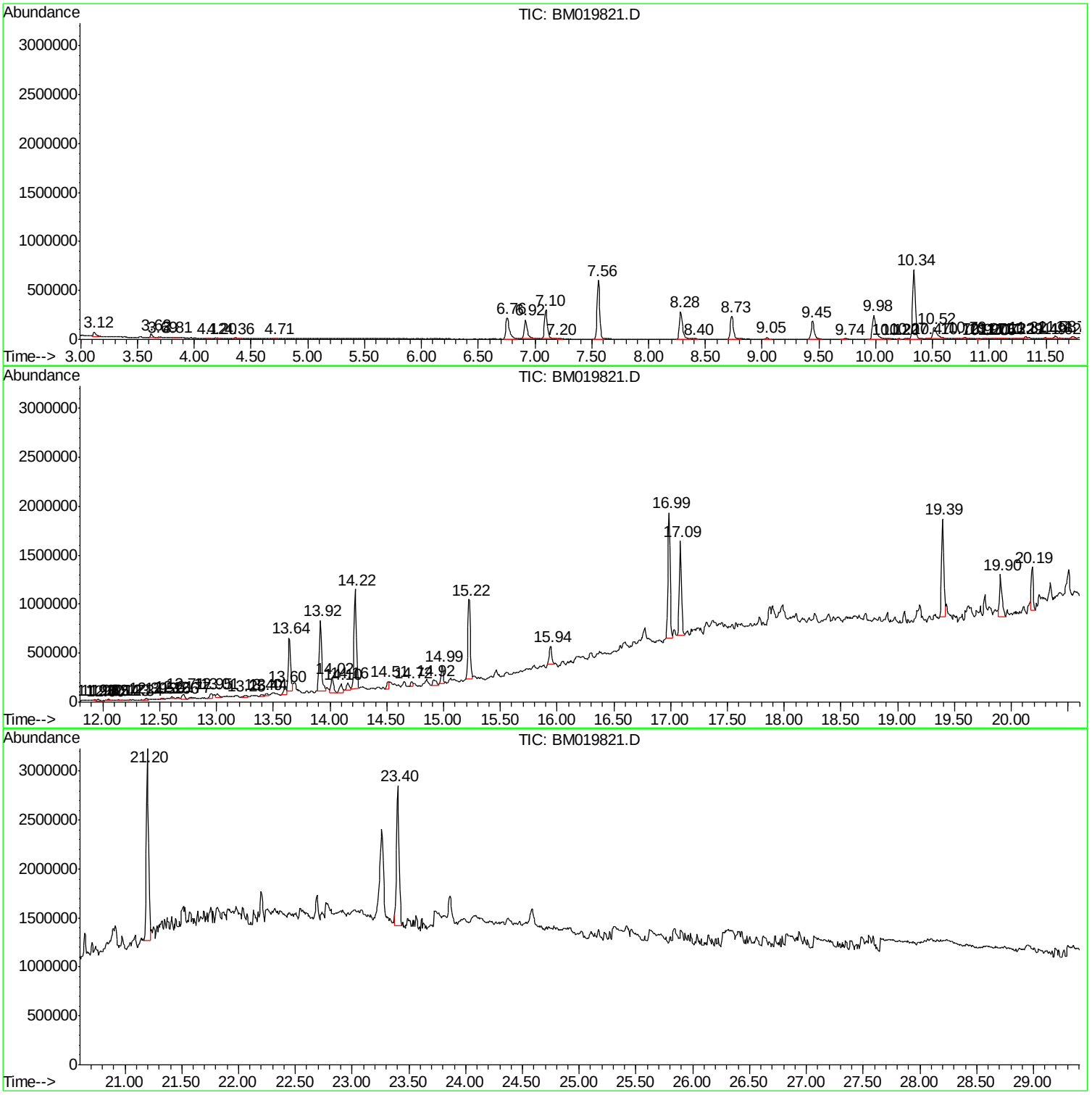
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019821.D
Acq On : 09 Apr 2019 07:45
Operator : JU/SJ
Sample : K2188-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019821.D
Acq On : 09 Apr 2019 07:45
Operator : JU/SJ
Sample : K2188-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

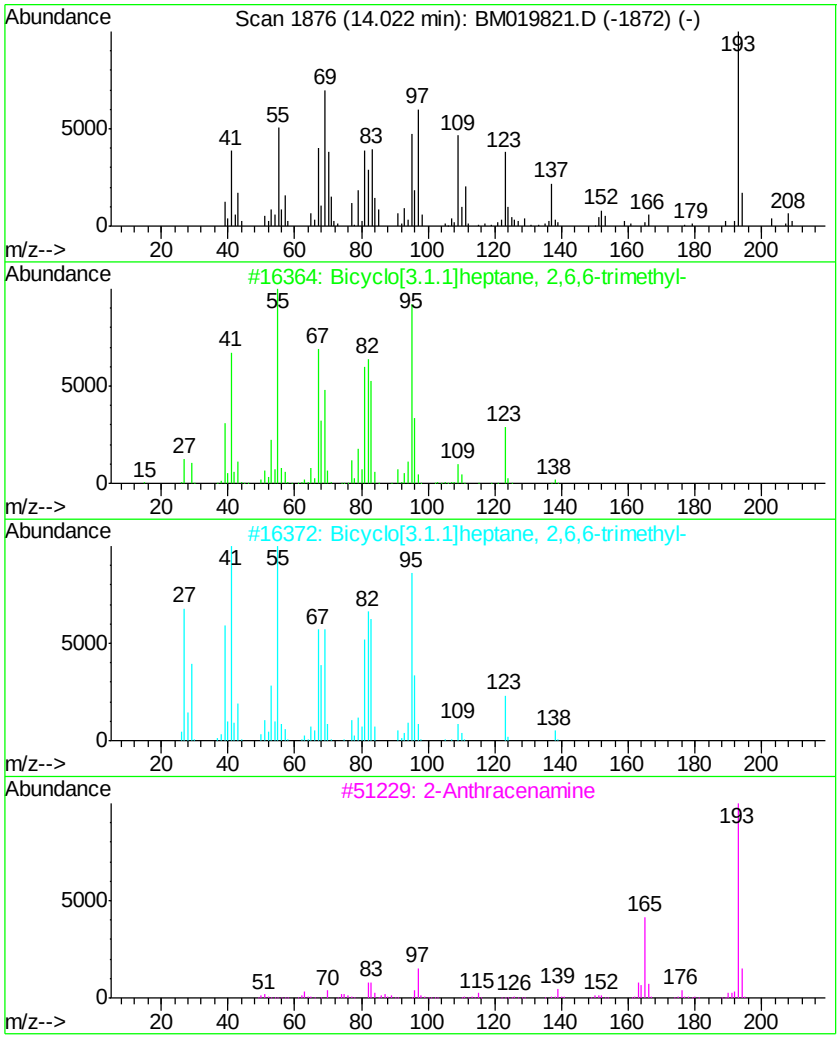
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

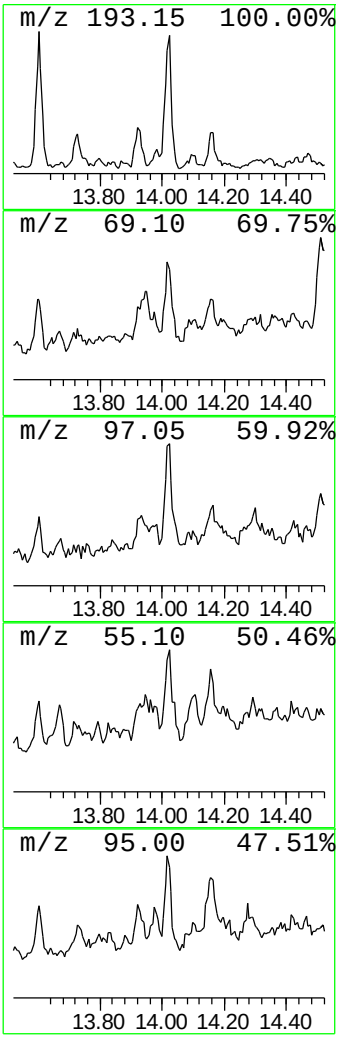
****

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	3.11 ng/ul	239048	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	22
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	22
3	2-Anthracenamine	193	C14H11N	000613-13-8	22
4	1-Hexyl-1-nitrocyclohexane	213	C12H23NO2	118252-09-8	14
5	Cyclohexanecarboxylic acid, 4-pe...	368	C22H28N2O3	133856-87-8	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019821.D
Acq On : 09 Apr 2019 07:45
Operator : JU/SJ
Sample : K2188-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

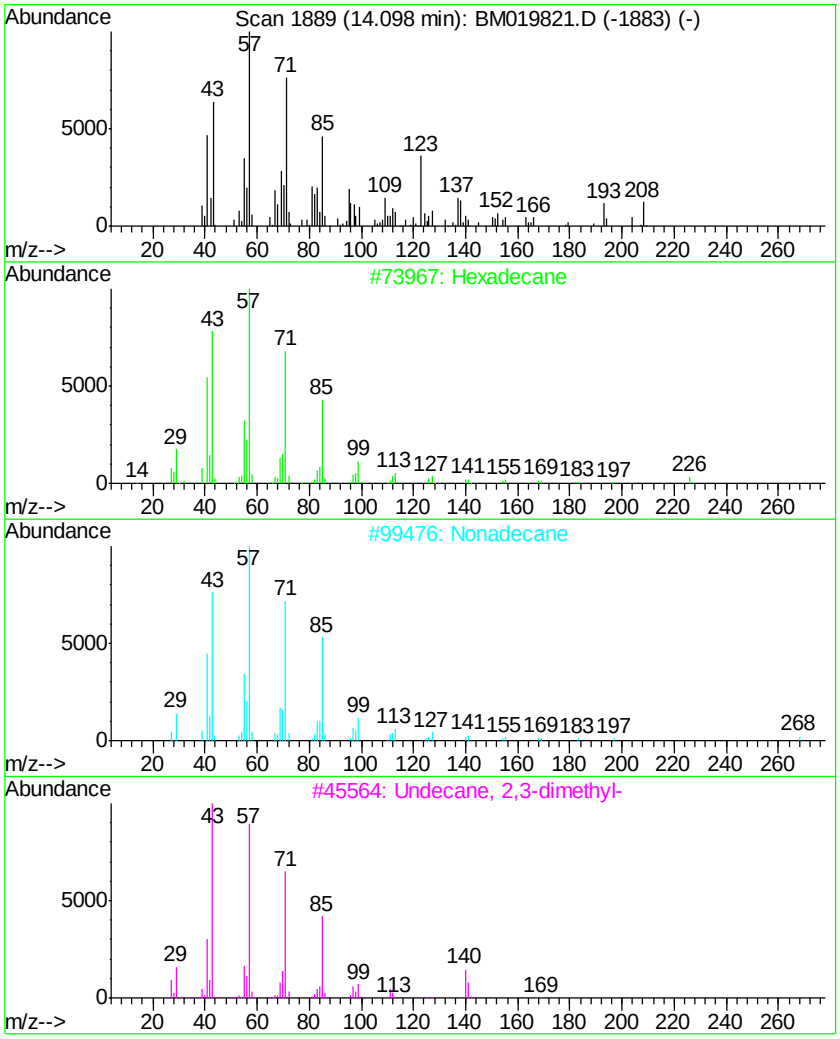
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

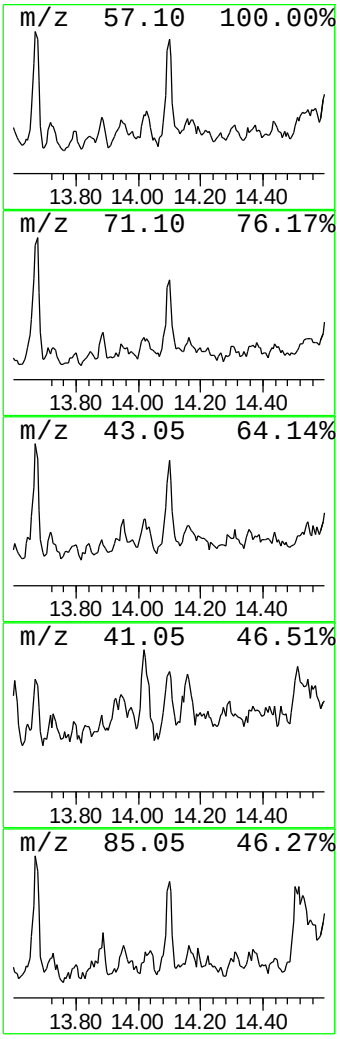
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	2.08 ng/ul	159693	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	47
2	Nonadecane	268	C19H40	000629-92-5	47
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	47
4	Pentadecane	212	C15H32	000629-62-9	47
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019821.D
Acq On : 09 Apr 2019 07:45
Operator : JU/SJ
Sample : K2188-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

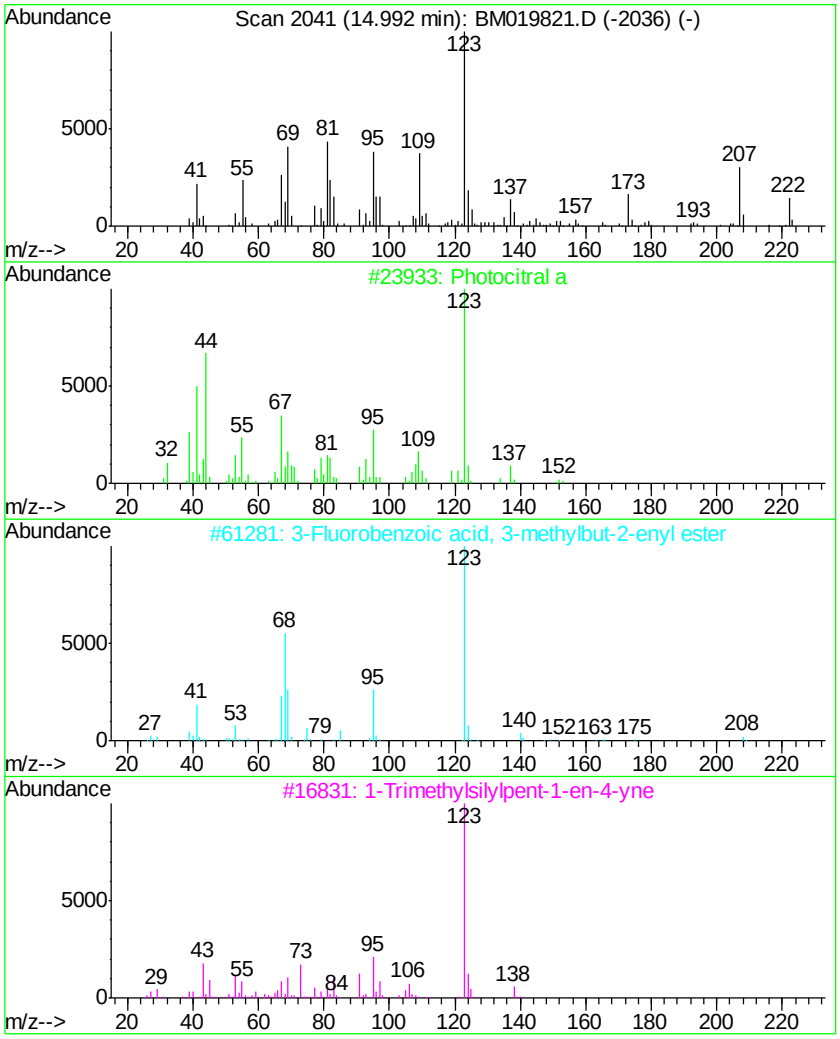
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

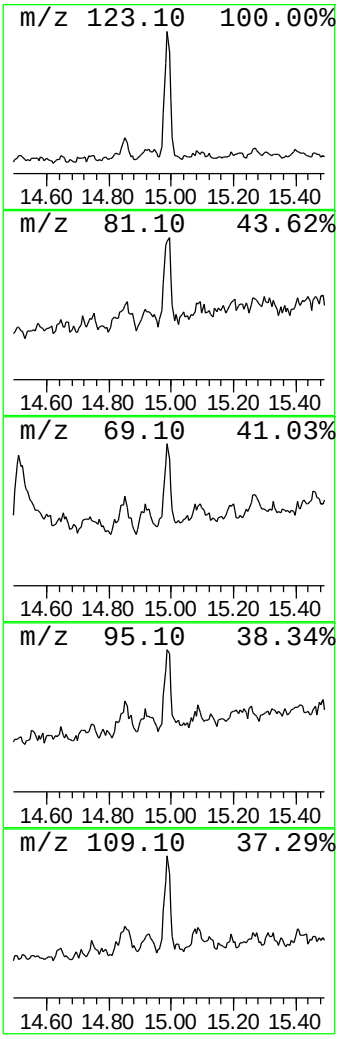
****

Peak Number 3 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	3.07 ng/ul	236126	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Photocitral a	152	C10H16O	1000292-85-0	46
2	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	43
3	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	38
4	4-Fluorobenzoic acid, 4-pentadec...	350	C22H35FO2	1000280-68-5	38
5	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019821.D
Acq On : 09 Apr 2019 07:45
Operator : JU/SJ
Sample : K2188-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

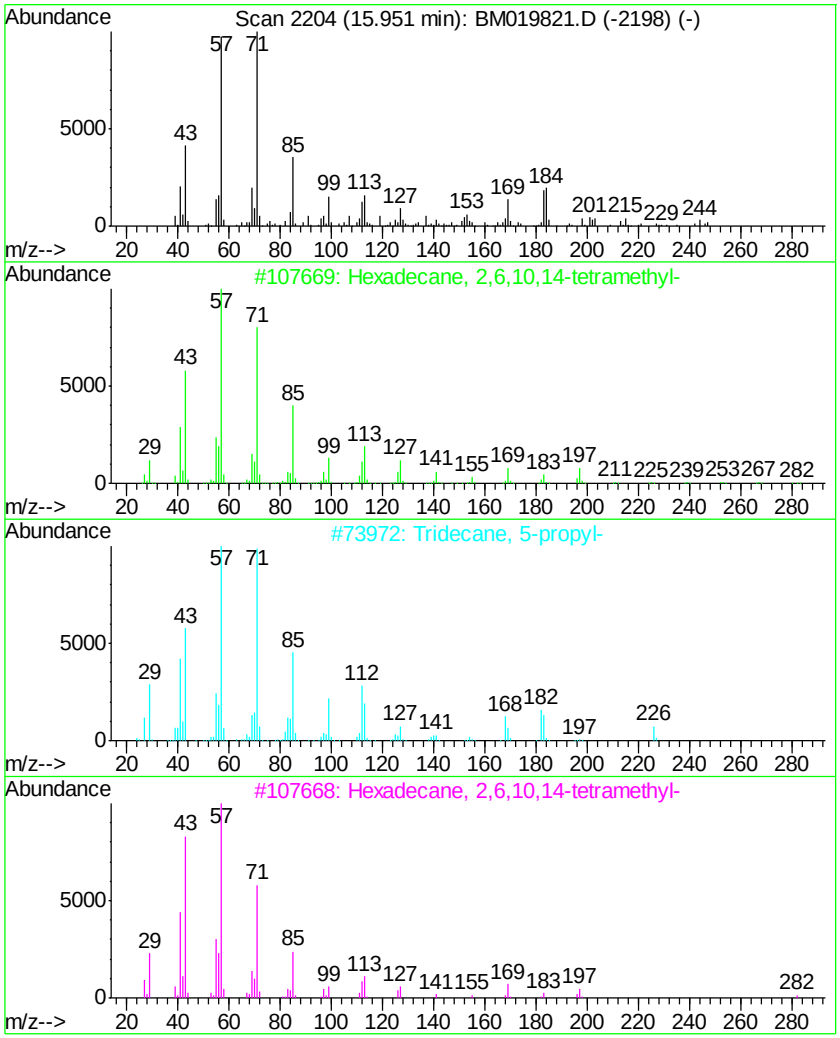
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

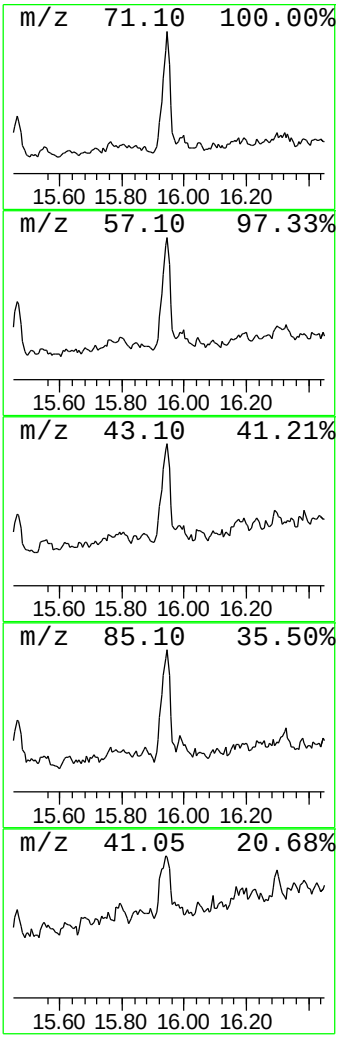
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	3.66 ng/ul	302085	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
4	7-Methyl-octadecane	268	C19H40	1000192-63-3	52
5	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019821.D
Acq On : 09 Apr 2019 07:45
Operator : JU/SJ
Sample : K2188-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

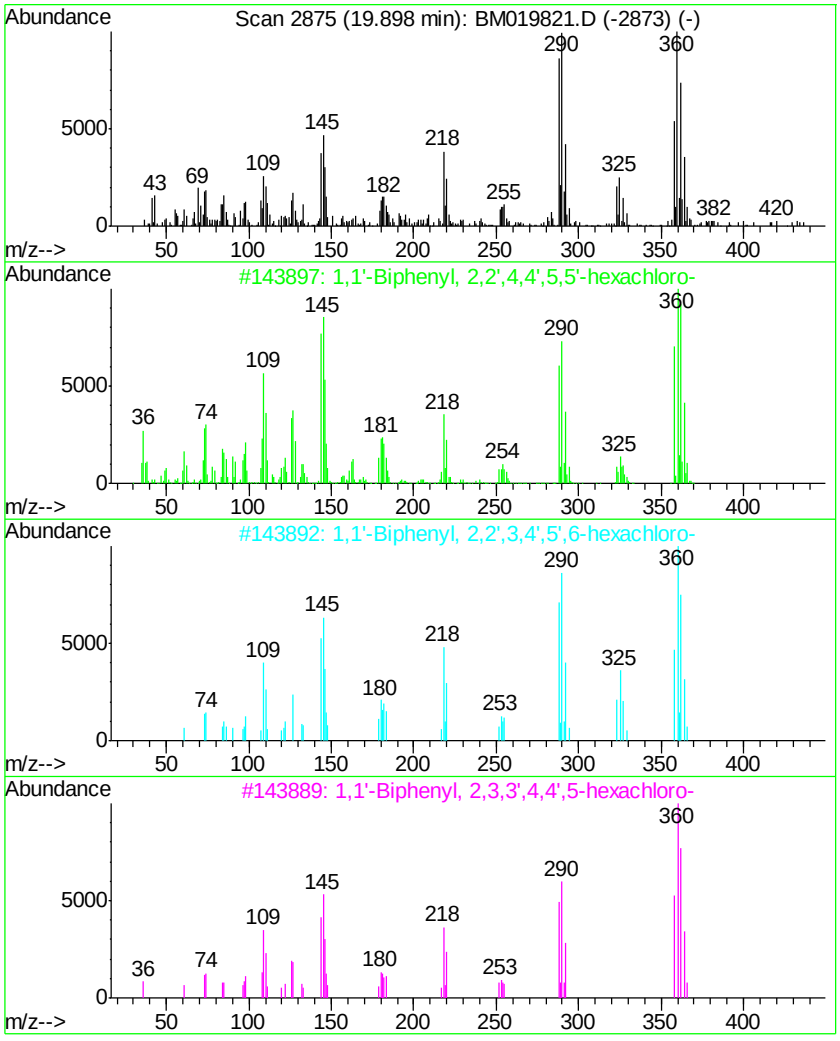
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

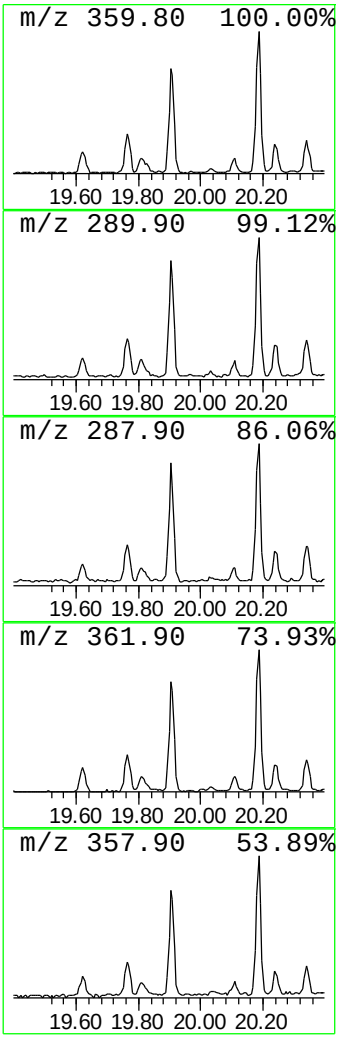
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	4.58 ng/ul	631980	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
2	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
5	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019821.D
Acq On : 09 Apr 2019 07:45
Operator : JU/SJ
Sample : K2188-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

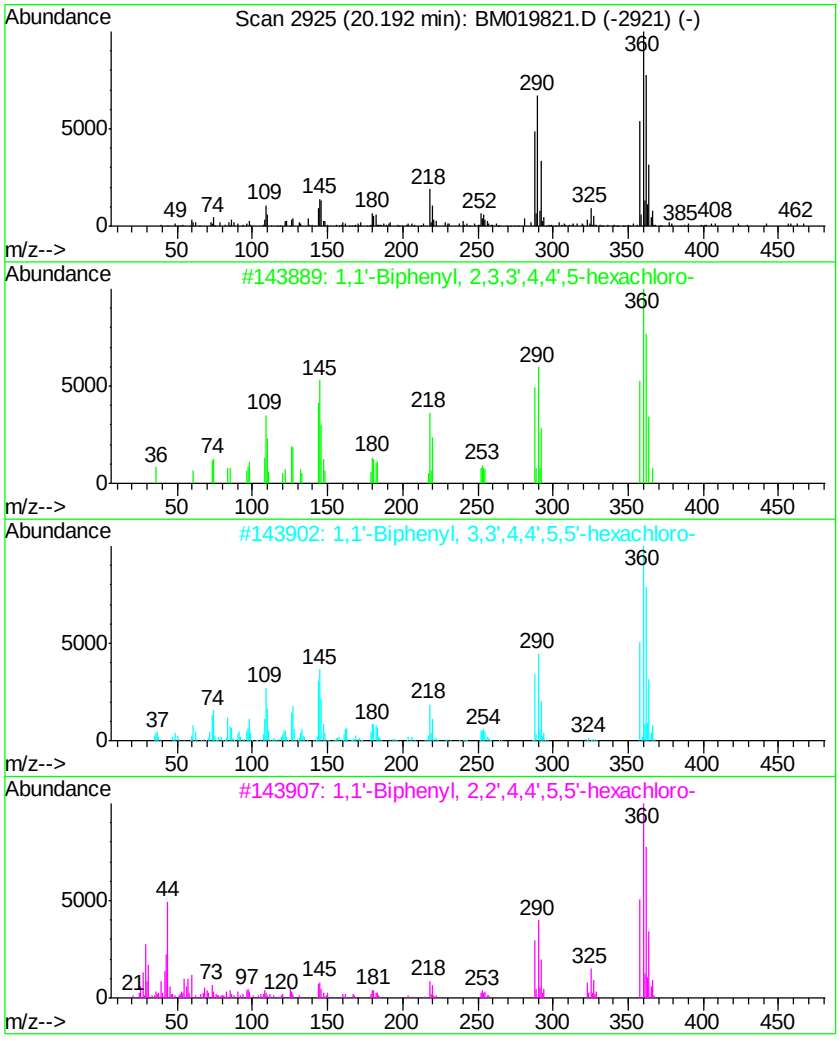
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

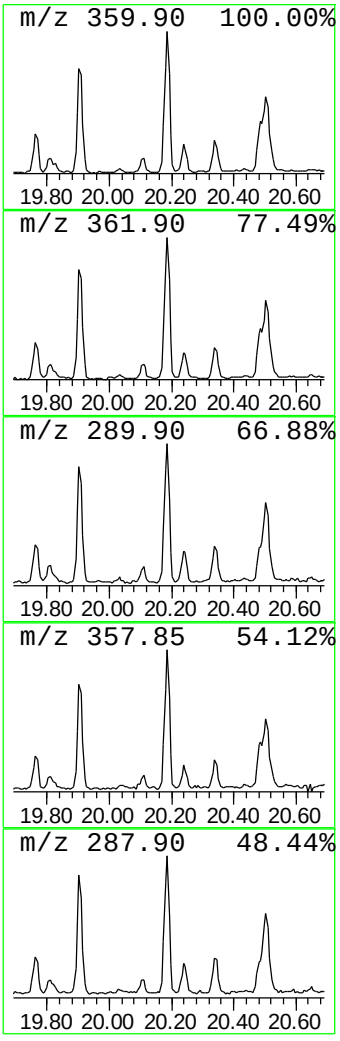
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	3.58 ng/ul	493971	Chrysene-d12	21.20

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, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	98
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	95
4	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	94
5	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019821.D
Acq On : 09 Apr 2019 07:45
Operator : JU/SJ
Sample : K2188-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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
unknown-01	14.02	3.1	ng/ul	239048	3	14.22	1536040	20.0
(DEL) Alkane: Str...	14.10	2.1	ng/ul	159693	3	14.22	1536040	20.0
unknown-02	14.99	3.1	ng/ul	236126	3	14.22	1536040	20.0
(DEL) Alkane: Str...	15.95	3.7	ng/ul	302085	4	16.99	1652330	20.0
1,1'-Biphenyl, 2,...	19.90	4.6	ng/ul	631980	5	21.20	2758810	20.0
1,1'-Biphenyl, 2,...	20.19	3.6	ng/ul	493971	5	21.20	2758810	20.0