LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\
Data File : BM016750.D
Acq On : 14 Sep 2018 13:10
Operator : SJ/JU
Sample : J4860-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41S8

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	3.034	6	8	16	rVB	147476	169197	5.34%	0.765%
2	3.116	16	22	24	rBV2	68104	79305	2.50%	0.358%
3	3.140	24	26	28	rVV	35308	33880	1.07%	0.153%
4	3.163	28	30	32	rVV	53428	51372	1.62%	0.232%
5	3.199	32	36	41	rVB	2498519	2505381	79.01%	11.320%
6	3.499	83	87	89	rBV	24669	28510	0.90%	0.129%
7	3.528	89	92	96	rVB	101603	109334	3.45%	0.494%
8	3.893	151	154	161	rVB5	10958	16158	0.51%	0.073%
9	3.987	165	170	174	rBV3	14272	17978	0.57%	0.081%
10	4.416	240	243	247	rBV2	11202	14022	0.44%	0.063%
11	4.616	272	277	282	rVB	19926	25955	0.82%	0.117%
12	4.716	289	294	302	rVV4	12596	19163	0.60%	0.087%
13	4.810	305	310	316	rVB	22485	29574	0.93%	0.134%
14	5.216	374	379	383	rBV5	10072	20613	0.65%	0.093%
15	5.352	395	402	408	rBV4	4981	10199	0.32%	0.046%
16	6.734	634	637	643	rVB5	4007	8107	0.26%	0.037%
17	6.798	643	648	653	rBV4	3723	8989	0.28%	0.041%
18	6.951	671	674	679	rBV3	6396	10392	0.33%	0.047%
19	7.116	698	702	707	rVB2	19670	26781	0.84%	0.121%
20	7.304	729	734	738	rVB6	4713	8423	0.27%	0.038%
21	7.581	776	781	787	rBV4	7503	12598	0.40%	0.057%
22	7.728	799	806	814	rVB	1053671	1664783	52.50%	7.522%
23	8.010	847	854	858	rVV4	14857	25536	0.81%	0.115%
24	8.651	958	963	969	rVB2	18676	30414	0.96%	0.137%
25	9.434	1089	1096	1103	rVV7	3474	9199	0.29%	0.042%
26	9.810	1152	1160	1164	rBV2	13514	30115	0.95%	0.136%
27	9.869	1164	1170	1176	rVB3	16204	35471	1.12%	0.160%
28	9.951	1176	1184	1191	rBV2	20312	39883	1.26%	0.180%
29	10.057	1198	1202	1204	rBV2	11107	16391	0.52%	0.074%
30	10.081	1204	1206	1209	rVV3	7554	10950	0.35%	0.049%
31	10.116	1209	1212	1216	rVB4	8026	12442	0.39%	0.056%
32	10.175	1216	1222	1224	rBV4	5775	8823	0.28%	0.040%
33	10.216	1224	1229	1233	rVB5	5425	10056	0.32%	0.045%
34	10.345	1246	1251	1253	rVV4	17650	30647	0.97%	0.138%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\
Data File : BM016750.D
Acq On : 14 Sep 2018 13:10
Operator : SJ/JU
Sample : J4860-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41S8

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	10.375	1253	1256	1261	rVV3	30838	60318	1.90%	0.273%
36	10.428	1261	1265	1269	rVV2	31613	49742	1.57%	0.225%
37	10.510	1269	1279	1286	rVV	1353223	2291269	72.26%	10.353%
38	10.569	1286	1289	1294	rVB3	24503	33124	1.04%	0.150%
39	10.716	1310	1314	1317	rVV3	7907	10358	0.33%	0.047%
40	11.257	1400	1406	1408	rVV2	15915	24058	0.76%	0.109%
41	11.286	1408	1411	1419	rVB8	12198	26114	0.82%	0.118%
42	11.363	1419	1424	1429	rVB3	10604	16454	0.52%	0.074%
43	11.445	1433	1438	1444	rBV5	16106	27784	0.88%	0.126%
44	11.545	1451	1455	1459	rVB4	16014	24146	0.76%	0.109%
45	11.575	1459	1460	1465	rVB4	7686	9212	0.29%	0.042%
46	11.628	1465	1469	1473	rBV3	7198	10477	0.33%	0.047%
47	11.675	1473	1477	1482	rVB5	6206	10261	0.32%	0.046%
48	11.804	1490	1499	1502	rBV4	28311	62014	1.96%	0.280%
49	11.886	1509	1513	1517	rVB2	32118	46022	1.45%	0.208%
50	11.922	1517	1519	1525	rVB4	6800	8904	0.28%	0.040%
51	12.010	1530	1534	1540	rVB2	32911	47168	1.49%	0.213%
52	12.157	1553	1559	1566	rBV5	13691	25982	0.82%	0.117%
53	12.592	1628	1633	1636	rVV4	7593	13412	0.42%	0.061%
54	12.639	1636	1641	1648	rVB6	7459	16055	0.51%	0.073%
55	12.780	1661	1665	1666	rBV2	6761	9702	0.31%	0.044%
56	12.804	1666	1669	1672	rVV4	7427	10909	0.34%	0.049%
57	12.857	1674	1678	1681	rVV5	5846	10380	0.33%	0.047%
58	12.922	1685	1689	1695	rVV6	7999	13990	0.44%	0.063%
59	13.086	1710	1717	1720	rBV3	63672	118614	3.74%	0.536%
60	13.145	1725	1727	1731	rVB4	15521	19274	0.61%	0.087%
61	13.210	1733	1738	1740	rVV	42356	60529	1.91%	0.273%
62	13.239	1740	1743	1750	rVB	81329	122307	3.86%	0.553%
63	13.375	1764	1766	1771	rVB3	6696	10728	0.34%	0.048%
64	13.869	1845	1850	1854	rVV3	9428	13259	0.42%	0.060%
65	14.192	1898	1905	1908	rBV3	102724	175875	5.55%	0.795%
66	14.310	1920	1925	1926	rBV	66707	90105	2.84%	0.407%
67	14.327	1926	1928	1930	rVV	109531	124078	3.91%	0.561%
68	14.369	1930	1935	1944	rVB2	1859826	2839734	89.56%	12.831%
69	14.498	1950	1957	1963	rBV	121588	167475	5.28%	0.757%
70	14.798	2003	2008	2015	rVB4	16090	22870	0.72%	0.103%
71	15.169	2065	2071	2081	rBV4	54793	118032	3.72%	0.533%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\
Data File : BM016750.D
Acq On : 14 Sep 2018 13:10
Operator : SJ/JU
Sample : J4860-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41S8

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

72	15.292	2085	2092	2102	rVV5	41965	98289	3.10%	0.444%
73	15.580	2139	2141	2145	rVV	8157	9896	0.31%	0.045%
74	15.633	2145	2150	2156	rVV	303275	431317	13.60%	1.949%
75	15.680	2156	2158	2163	rVB2	7490	8830	0.28%	0.040%
76	15.892	2190	2194	2197	rVV	10759	15037	0.47%	0.068%
77	16.133	2232	2235	2240	rVB3	13041	17759	0.56%	0.080%
78	16.239	2246	2253	2259	rVB2	28299	54592	1.72%	0.247%
79	16.357	2268	2273	2280	rVV	227873	322935	10.18%	1.459%
80	16.416	2280	2283	2287	rVB	13104	14644	0.46%	0.066%
81	16.527	2296	2302	2311	rBV3	18168	30882	0.97%	0.140%
82	16.657	2319	2324	2327	rBV2	44795	59540	1.88%	0.269%
83	16.727	2330	2336	2341	rVV3	14573	23557	0.74%	0.106%
84	16.898	2362	2365	2370	rBV	9915	14185	0.45%	0.064%
85	16.951	2370	2374	2380	rBV5	9061	15465	0.49%	0.070%
86	17.004	2380	2383	2385	rVV2	16761	20594	0.65%	0.093%
87	17.033	2385	2388	2395	rVB	80161	105863	3.34%	0.478%
88	17.115	2395	2402	2413	rBV2	2269635	3170896	100.00%	14.328%
89	17.298	2429	2433	2438	rBV2	45811	59008	1.86%	0.267%
90	17.574	2477	2480	2483	rBV3	15949	18935	0.60%	0.086%
91	17.604	2483	2485	2488	rVB2	14489	12007	0.38%	0.054%
92	17.715	2499	2504	2510	rBV3	33922	66089	2.08%	0.299%
93	17.839	2522	2525	2529	rBV5	9170	11627	0.37%	0.053%
94	18.027	2553	2557	2563	rBV3	41487	57974	1.83%	0.262%
95	18.186	2581	2584	2590	rVV7	12688	22768	0.72%	0.103%
96	18.251	2592	2595	2599	rVV5	13690	18958	0.60%	0.086%
97	18.298	2599	2603	2607	rVB6	16283	21452	0.68%	0.097%
98	19.309	2772	2775	2780	rBV7	19691	25651	0.81%	0.116%
99	21.303	3109	3114	3121	rBV	2431696	2932248	92.47%	13.249%
100	23.544	3488	3495	3503	rVB	1349051	2599021	81.96%	11.744%

Sum of corrected areas: 22131395

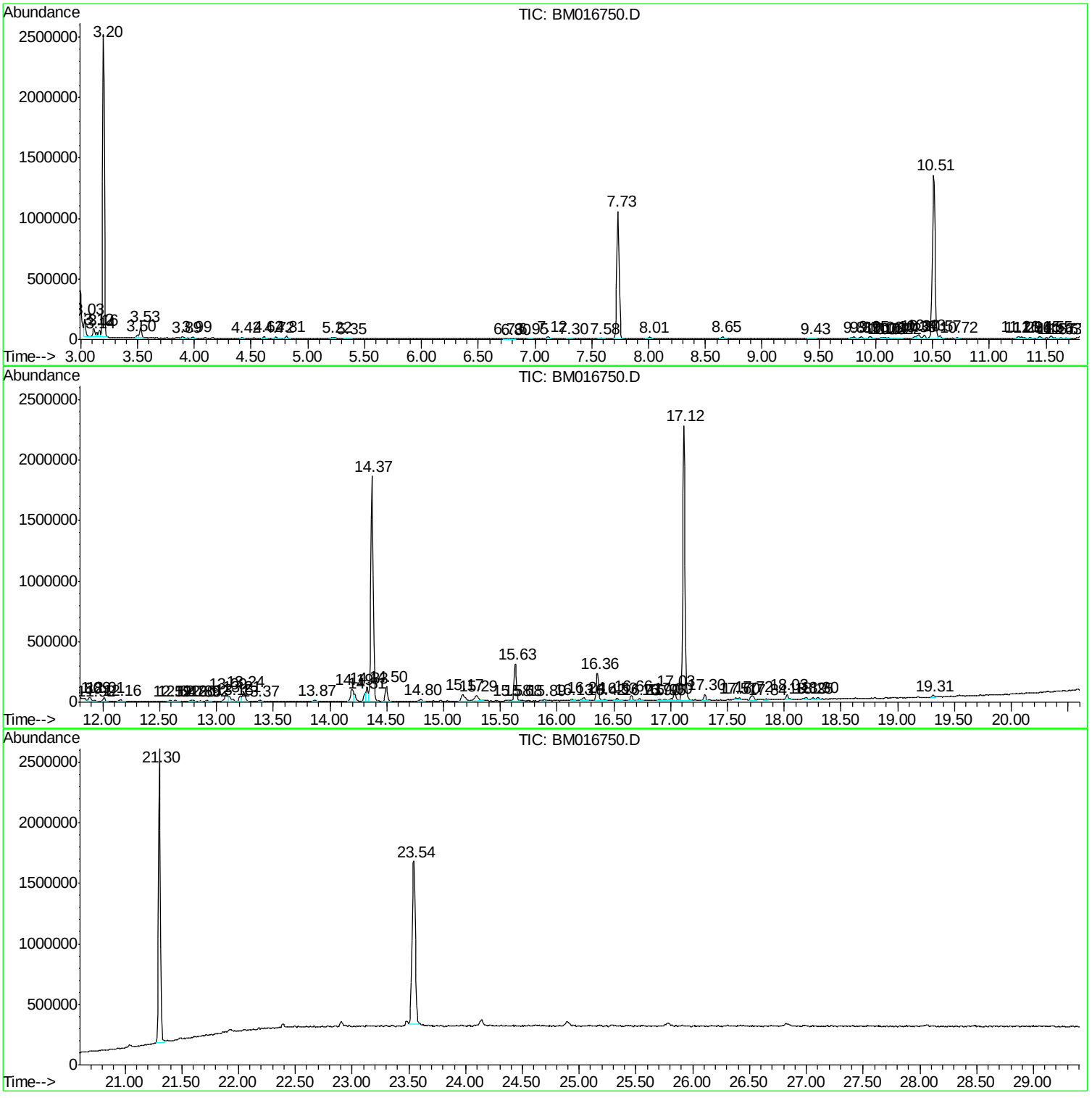
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\
Data File : BM016750.D
Acq On : 14 Sep 2018 13:10
Operator : SJ/JU
Sample : J4860-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41S8

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\BM091418\
Data File : BM016750.D
Acq On : 14 Sep 2018 13:10
Operator : SJ/JU
Sample : J4860-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41S8

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

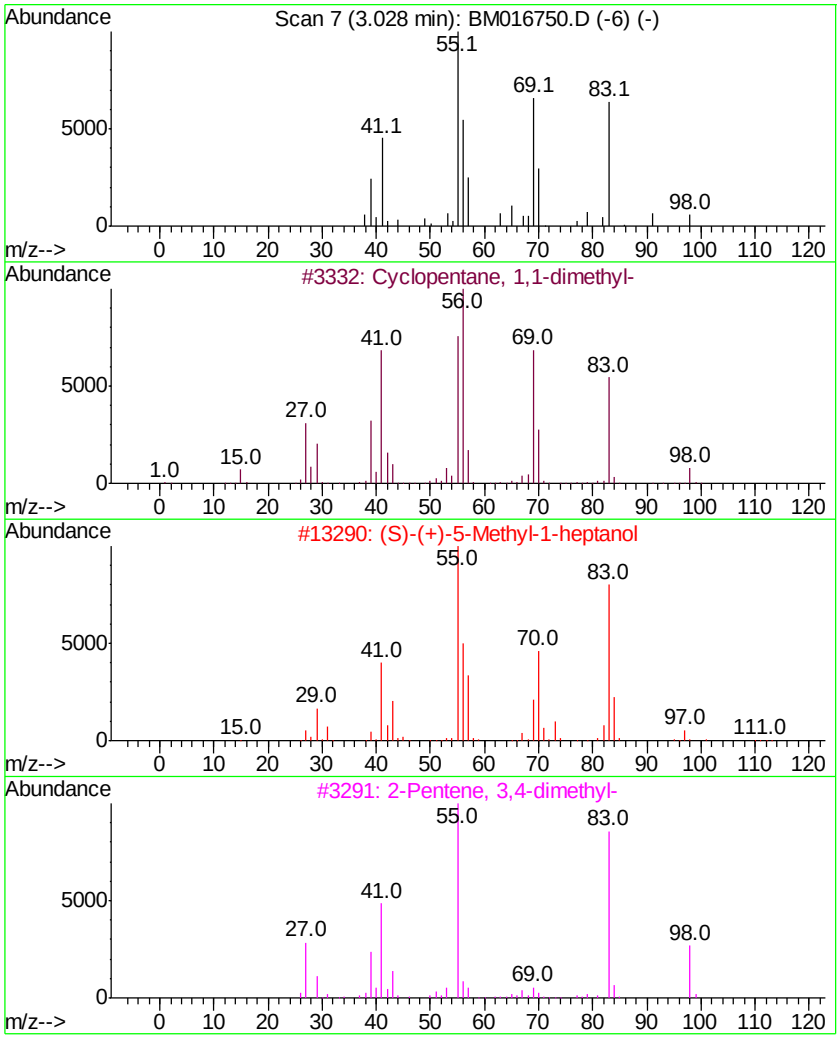
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

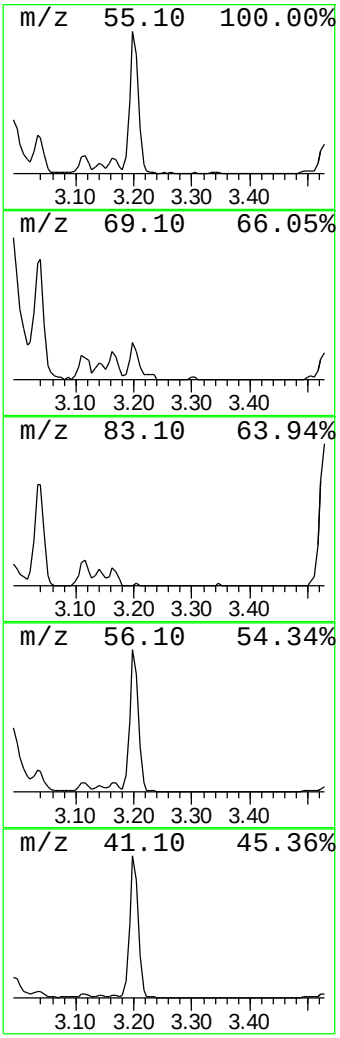
****

Peak Number 1 (DEL) Alkane: Cyclic3.03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	2.03 ng/ul	169197	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	43
2	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	42
3	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	38
4	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	38
5	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\
Data File : BM016750.D
Acq On : 14 Sep 2018 13:10
Operator : SJ/JU
Sample : J4860-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41S8

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

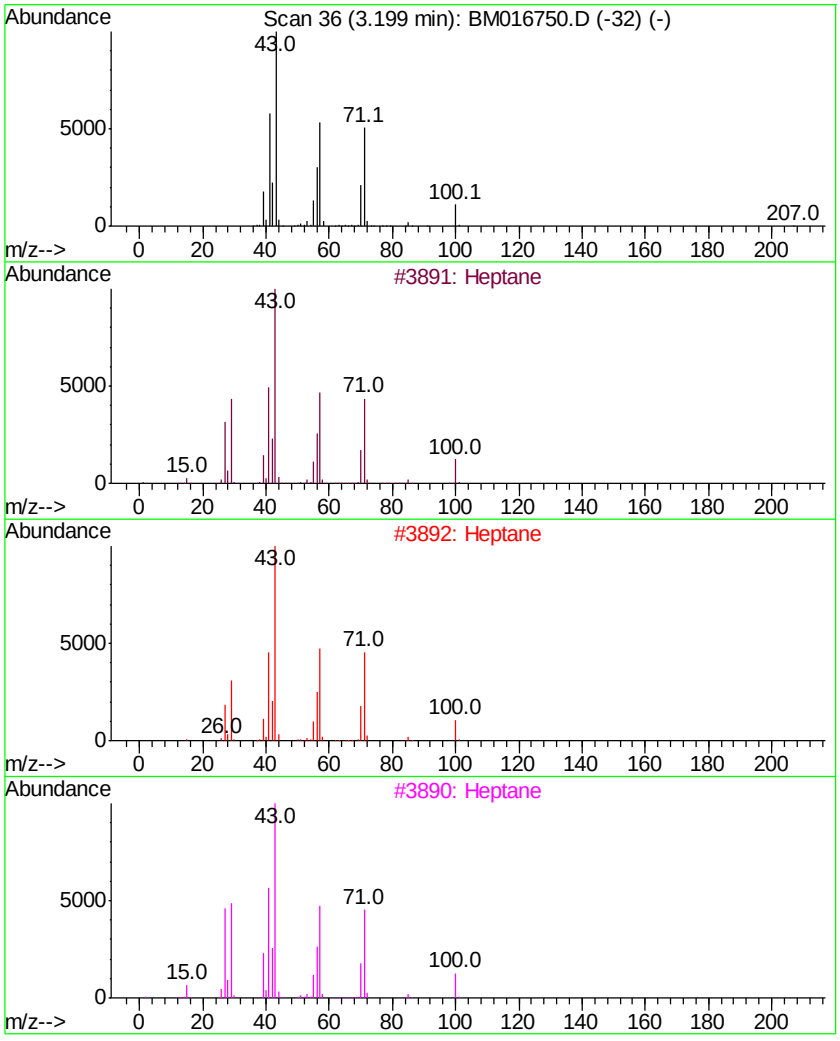
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

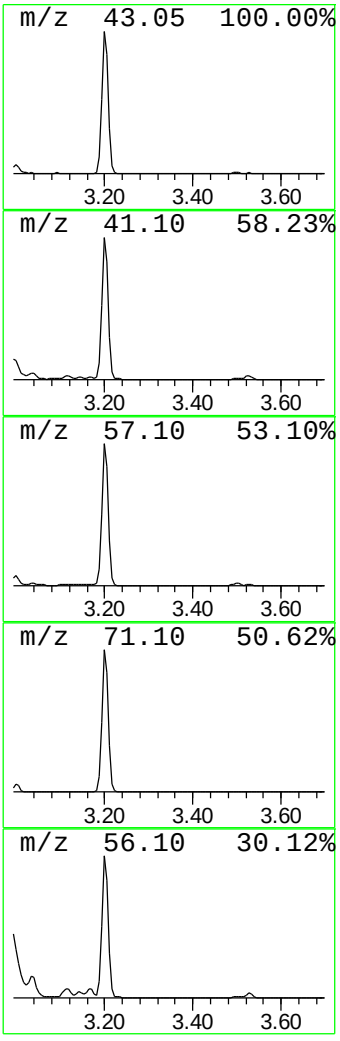
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	30.10 ng/ul	2505380	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Heptane	100	C7H16	000142-82-5	94
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	83
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\
Data File : BM016750.D
Acq On : 14 Sep 2018 13:10
Operator : SJ/JU
Sample : J4860-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41S8

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

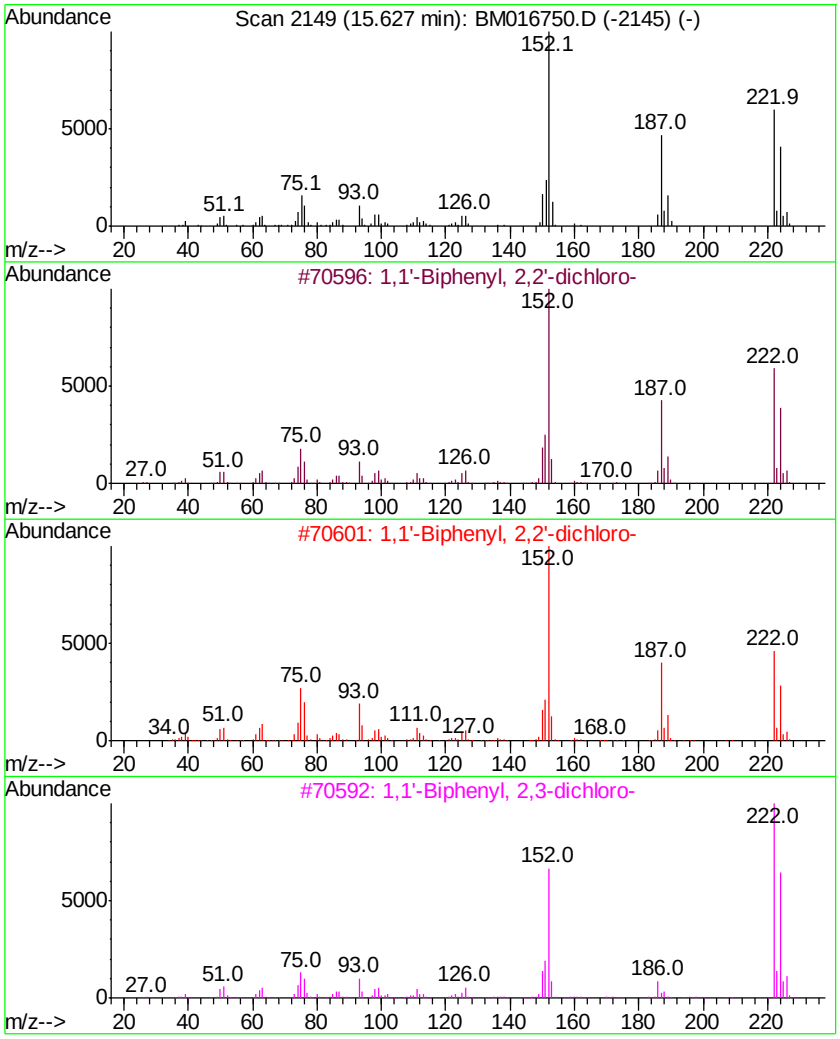
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

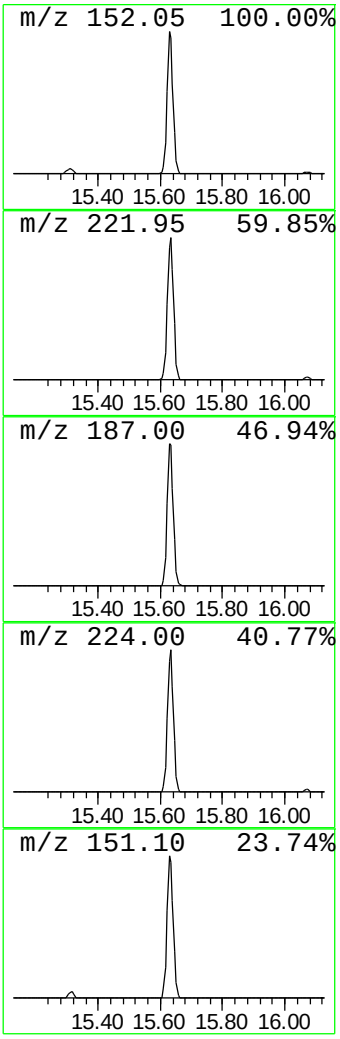
****

Peak Number 3 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	3.04 ng/ul	431317	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
3	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	95
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	92
5	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\
Data File : BM016750.D
Acq On : 14 Sep 2018 13:10
Operator : SJ/JU
Sample : J4860-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41S8

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

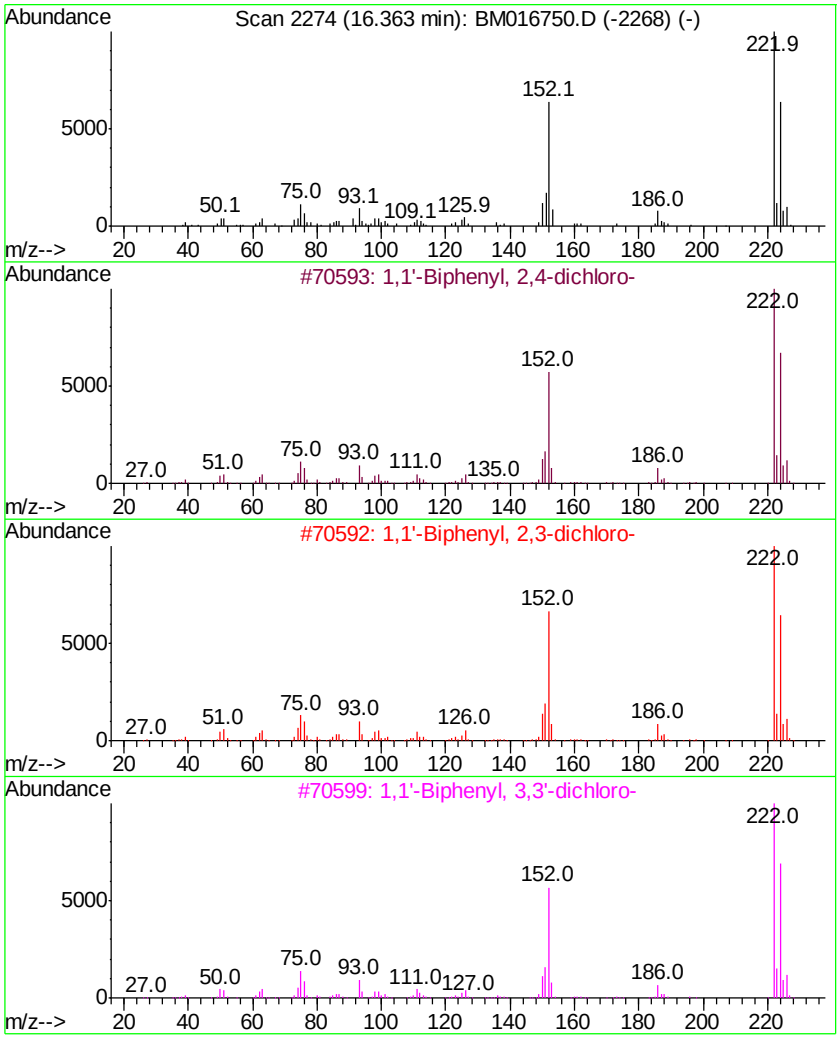
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

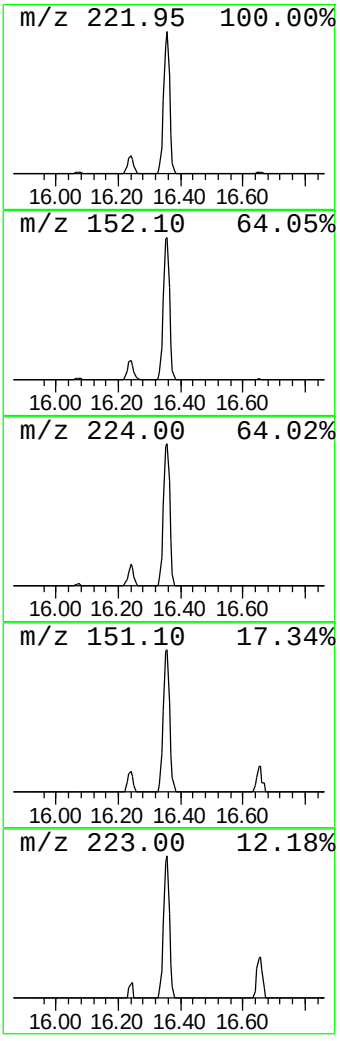
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	2.04 ng/ul	322935	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
2	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	98
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091418\
Data File : BM016750.D
Acq On : 14 Sep 2018 13:10
Operator : SJ/JU
Sample : J4860-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41S8

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: Cyc...	3.03	2.0	ng/ul	169197	1	7.73	1664780	20.0
(DEL) Alkane: Str...	3.20	30.1	ng/ul	2505380	1	7.73	1664780	20.0
1,1'-Biphenyl, 2,...	15.63	3.0	ng/ul	431317	3	14.37	2839730	20.0
1,1'-Biphenyl, 2,...	16.36	2.0	ng/ul	322935	4	17.12	3170900	20.0