LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018051.D
Acq On : 11 Dec 2018 11:18
Operator : JU/SJ
Sample : J6155-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4131

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-BM111918MA.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	3.157	25	29	33	rBV	44520	59620	1.34%	0.045%
2	3.193	33	35	39	rVB3	10200	12640	0.28%	0.009%
3	3.469	78	82	87	rVB	25079	32897	0.74%	0.025%
4	3.752	125	130	134	rVB2	10714	17423	0.39%	0.013%
5	3.840	141	145	148	rBV3	7465	8641	0.19%	0.006%
6	3.957	161	165	171	rVB7	7942	14104	0.32%	0.011%
7	4.340	227	230	236	rVB6	8081	11319	0.25%	0.008%
8	4.740	291	298	308	rVB2	68842	121458	2.72%	0.091%
9	5.804	471	479	485	rBV3	4840	14553	0.33%	0.011%
10	5.987	504	510	516	rVB4	10273	13501	0.30%	0.010%
11	6.322	563	567	571	rVB4	6220	8978	0.20%	0.007%
12	6.745	632	639	659	rBV2	868686	2192753	49.19%	1.637%
13	6.904	659	666	675	rVV	654447	989217	22.19%	0.739%
14	6.998	675	682	691	rVV	1101040	1640237	36.79%	1.225%
15	7.092	691	698	710	rVB	960383	1513138	33.94%	1.130%
16	7.551	767	776	789	rVB	604995	941720	21.13%	0.703%
17	7.998	845	852	865	rBV	1920656	3079517	69.08%	2.300%
18	8.269	890	898	903	rBV	1092555	1831152	41.08%	1.367%
19	8.328	903	908	912	rVV	2041695	3439977	77.17%	2.569%
20	8.369	912	915	929	rVB	1283714	2017002	45.25%	1.506%
21	8.604	948	955	962	rVB	951519	1507787	33.82%	1.126%
22	8.704	965	972	983	rVV	791929	1312226	29.44%	0.980%
23	8.969	1010	1017	1023	rVB6	6799	12365	0.28%	0.009%
24	9.092	1033	1038	1040	rBV3	3472	4593	0.10%	0.003%
25	9.269	1060	1068	1086	rBV	1276128	2100975	47.13%	1.569%
26	9.416	1086	1093	1103	rBV	697537	1192838	26.76%	0.891%
27	9.516	1103	1110	1129	rVB	1695936	2761875	61.96%	2.062%
28	9.751	1143	1150	1163	rVV	1209199	1824436	40.93%	1.362%
29	9.951	1177	1184	1203	rBV2	1127515	2740909	61.49%	2.047%
30	10.316	1235	1246	1250	rBV	849991	1425503	31.98%	1.064%
31	10.369	1250	1255	1262	rVV	1010763	1672019	37.51%	1.249%
32	10.475	1266	1273	1290	rVV	601010	1196045	26.83%	0.893%
33	10.586	1290	1292	1295	rVV2	17401	24632	0.55%	0.018%
34	10.639	1295	1301	1309	rVB	2043103	3157673	70.83%	2.358%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018051.D
Acq On : 11 Dec 2018 11:18
Operator : JU/SJ
Sample : J6155-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4131

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-BM111918MA.M
Title : SVOA CALIBRATION

35	11.028	1362	1367	1372	rBV3	13469	22168	0.50%	0.017%
36	11.092	1372	1378	1383	rVB2	22926	36283	0.81%	0.027%
37	11.286	1403	1411	1435	rBV	393992	1247019	27.97%	0.931%
38	11.857	1501	1508	1516	rBV	679253	1113565	24.98%	0.832%
39	11.992	1526	1531	1537	rVB2	15750	22615	0.51%	0.017%
40	12.127	1548	1554	1560	rBV2	149588	273038	6.12%	0.204%
41	12.210	1561	1568	1582	rVV	2443642	3888936	87.24%	2.904%
42	12.333	1582	1589	1591	rVV	938582	1465652	32.88%	1.094%
43	12.363	1591	1594	1607	rVB	1612457	2497890	56.03%	1.865%
44	12.698	1644	1651	1668	rBV	1237493	2247667	50.42%	1.678%
45	13.063	1703	1713	1725	rVV	972851	1547816	34.72%	1.156%
46	13.157	1725	1729	1733	rVB3	3213	5235	0.12%	0.004%
47	13.304	1751	1754	1759	rVB3	4648	4947	0.11%	0.004%
48	13.621	1801	1808	1812	rBV	1836100	2592837	58.16%	1.936%
49	13.669	1812	1816	1826	rVB	1030452	1415408	31.75%	1.057%
50	13.892	1846	1854	1857	rBV	2144599	3578953	80.29%	2.673%
51	13.916	1857	1858	1866	rVB	1291543	1440928	32.32%	1.076%
52	14.133	1888	1895	1901	rBV	1295852	2048103	45.94%	1.529%
53	14.198	1901	1906	1912	rVV2	1178996	1877020	42.11%	1.402%
54	14.263	1912	1917	1926	rVV	2287236	3316578	74.40%	2.477%
55	14.351	1926	1932	1942	rVV	818978	1401247	31.43%	1.046%
56	14.439	1942	1947	1954	rVV	663538	1115255	25.02%	0.833%
57	14.510	1954	1959	1969	rVV	714375	1133376	25.42%	0.846%
58	14.604	1969	1975	1986	rVB	1191296	1681577	37.72%	1.256%
59	15.045	2047	2050	2053	rBV3	5316	7096	0.16%	0.005%
60	15.086	2053	2057	2064	rVB	40461	56528	1.27%	0.042%
61	15.204	2070	2077	2082	rBV	2583504	3739671	83.89%	2.793%
62	15.257	2082	2086	2090	rVV	2416639	3270328	73.36%	2.442%
63	15.310	2090	2095	2099	rVV	1508272	2463007	55.25%	1.839%
64	15.363	2099	2104	2114	rVV2	2182413	3963381	88.91%	2.960%
65	15.445	2114	2118	2126	rVB2	41773	77688	1.74%	0.058%
66	16.615	2310	2317	2334	rBV	3118885	4457807	100.00%	3.329%
67	16.962	2369	2376	2382	rBV	1418424	1997682	44.81%	1.492%
68	17.062	2386	2393	2396	rVV	2617744	4096060	91.89%	3.059%
69	17.092	2396	2398	2412	rVB	2532645	3156233	70.80%	2.357%
70	17.239	2421	2423	2428	rVB3	3545	4563	0.10%	0.003%
71	17.374	2439	2446	2462	rBV	2367100	3491760	78.33%	2.607%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018051.D
Acq On : 11 Dec 2018 11:18
Operator : JU/SJ
Sample : J6155-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4131

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-BM111918MA.M
Title : SVOA CALIBRATION

72	17.533	2470	2473	2475	rVV4	4830	5403	0.12%	0.004%
73	17.580	2477	2481	2485	rVB3	18857	25017	0.56%	0.019%
74	17.880	2528	2532	2536	rBV6	9210	18288	0.41%	0.014%
75	17.927	2536	2540	2549	rVV3	25402	49705	1.12%	0.037%
76	18.192	2578	2585	2590	rBV	92440	111733	2.51%	0.083%
77	18.404	2613	2621	2624	rBV3	23467	38903	0.87%	0.029%
78	18.627	2657	2659	2664	rVB3	5009	5785	0.13%	0.004%
79	19.027	2716	2727	2741	rBV	1439870	2013978	45.18%	1.504%
80	19.168	2747	2751	2753	rBV4	13643	14070	0.32%	0.011%
81	19.256	2762	2766	2771	rBV	15917	21570	0.48%	0.016%
82	19.315	2773	2776	2779	rBV5	11527	12046	0.27%	0.009%
83	19.368	2779	2785	2798	rBV	2668568	3720601	83.46%	2.778%
84	20.315	2941	2946	2952	rBV	1650666	1847187	41.44%	1.379%
85	21.097	3074	3079	3084	rBV	1928034	2100087	47.11%	1.568%
86	21.174	3087	3092	3095	rVV	1292745	1775069	39.82%	1.326%
87	21.209	3095	3098	3109	rVB	2328923	2976518	66.77%	2.223%
88	21.915	3214	3218	3224	rVB	345546	415767	9.33%	0.310%
89	22.744	3353	3359	3369	rVB	2199173	3439017	77.15%	2.568%
90	23.215	3432	3439	3442	rBV2	1699703	3181206	71.36%	2.376%
91	23.256	3442	3446	3455	rVV	1955429	3398097	76.23%	2.538%
92	23.350	3456	3462	3470	rVB	862258	1633622	36.65%	1.220%
93	25.503	3821	3828	3839	rVB	519500	1461372	32.78%	1.091%

Sum of corrected areas: 133914681

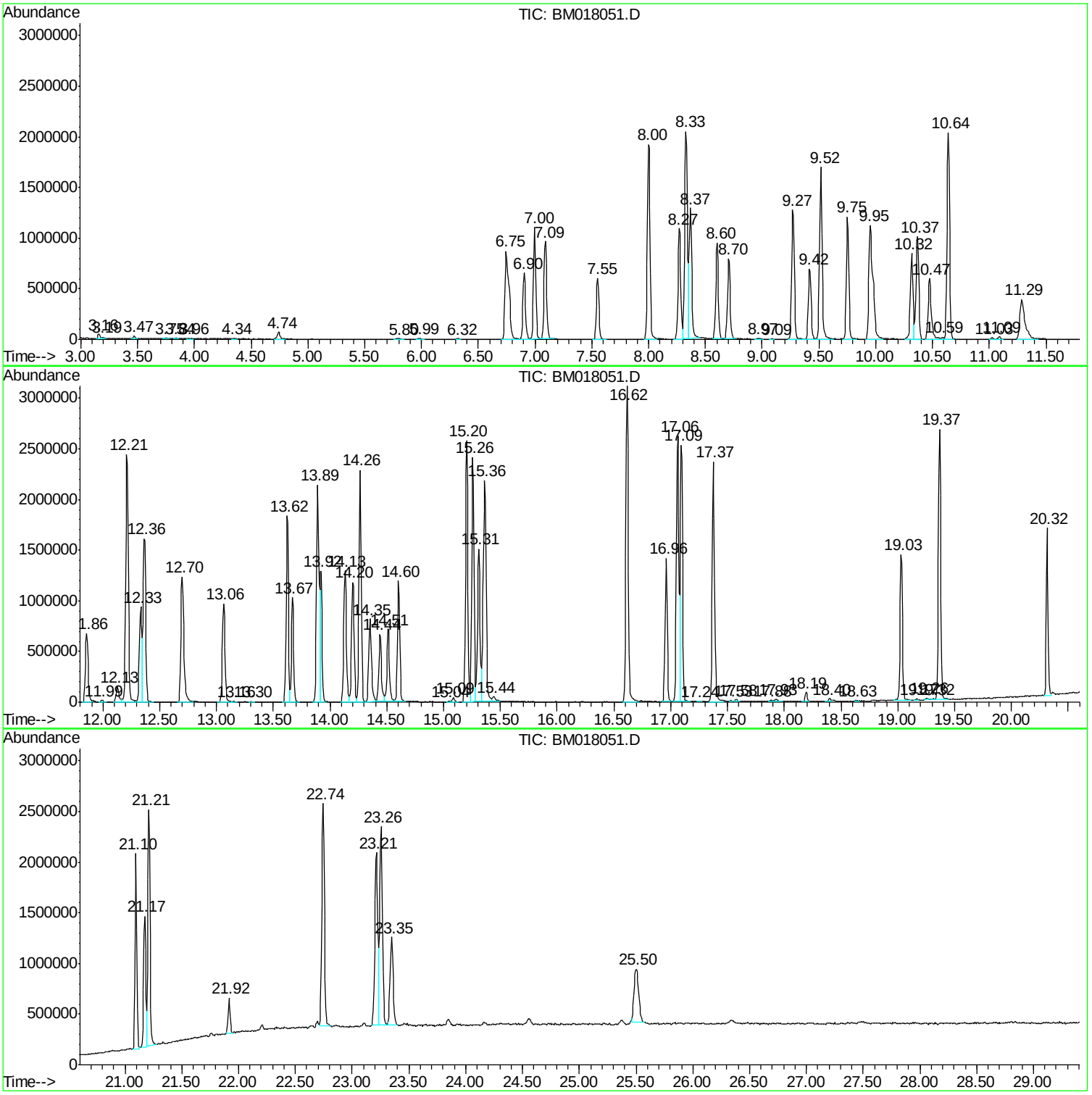
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018051.D
Acq On : 11 Dec 2018 11:18
Operator : JU/SJ
Sample : J6155-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4131

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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\BM121118\
Data File : BM018051.D
Acq On : 11 Dec 2018 11:18
Operator : JU/SJ
Sample : J6155-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4131

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

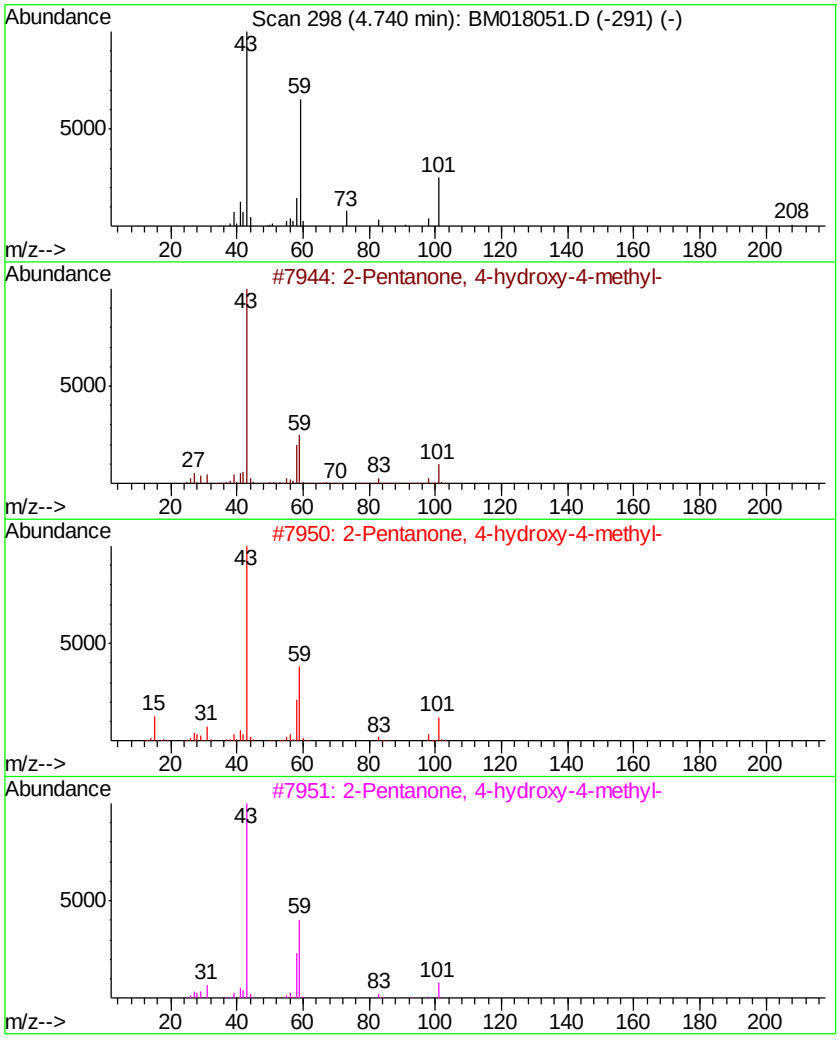
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

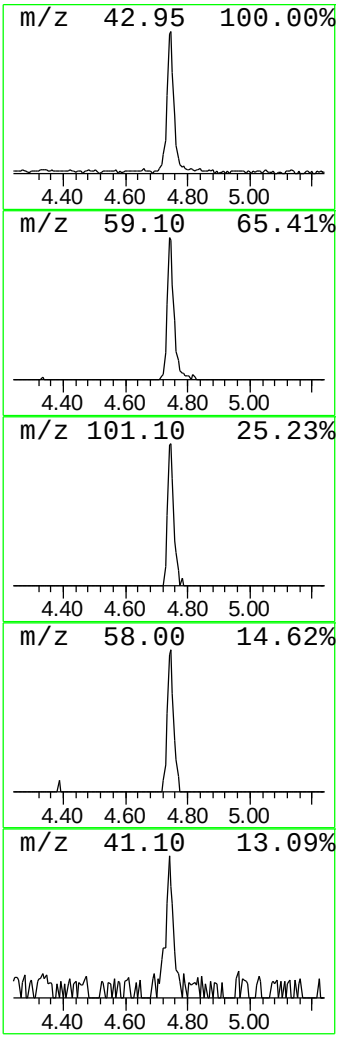
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	2.58 ng/ul	121458	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	37
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018051.D
Acq On : 11 Dec 2018 11:18
Operator : JU/SJ
Sample : J6155-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4131

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

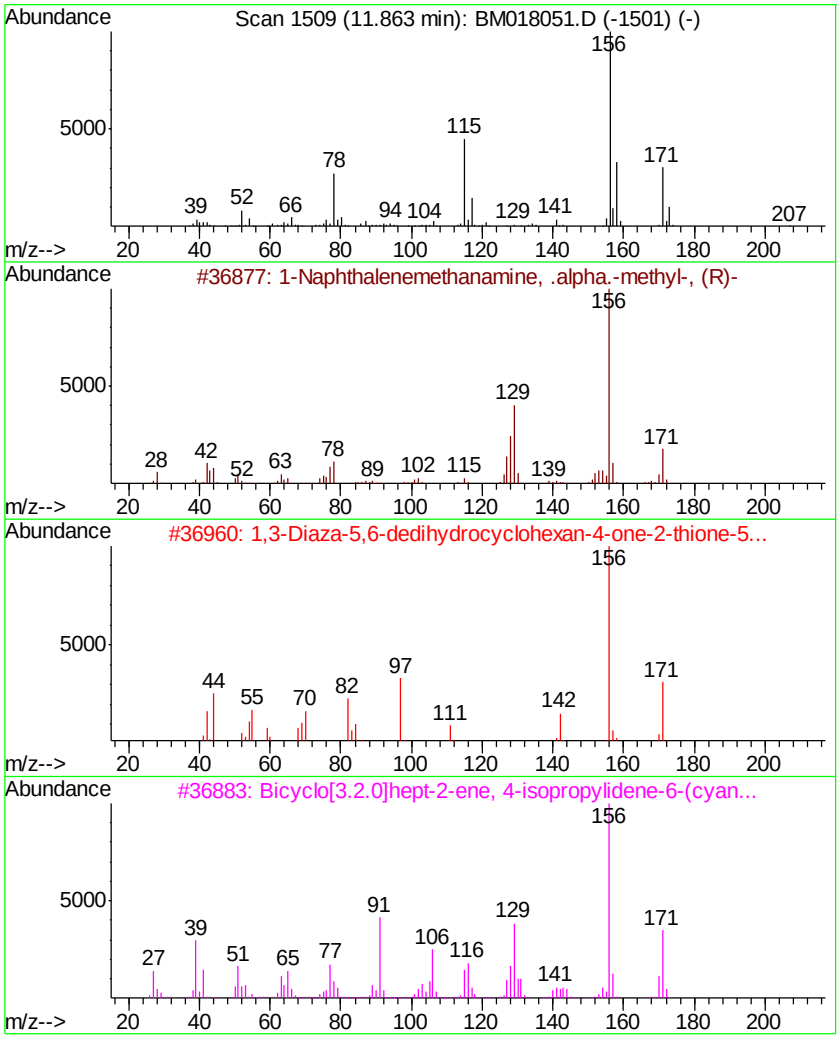
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

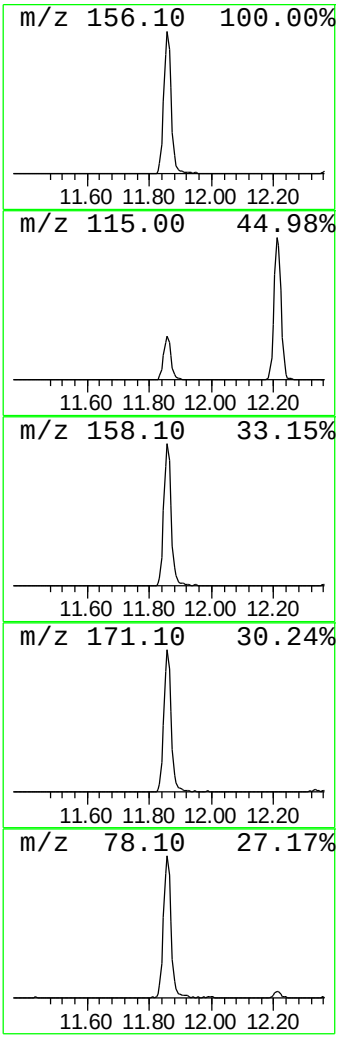
****

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	15.62 ng/ul	1113570	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenemethanamine, .alpha...	171	C12H13N	003886-70-2	47
2	1,3-Diaza-5,6-dedihydrocyclohexa...	171	C6H9N3OS	021263-85-4	38
3	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32
4	6-Isopropylquinoline	171	C12H13N	000135-79-5	32
5	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018051.D
Acq On : 11 Dec 2018 11:18
Operator : JU/SJ
Sample : J6155-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4131

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

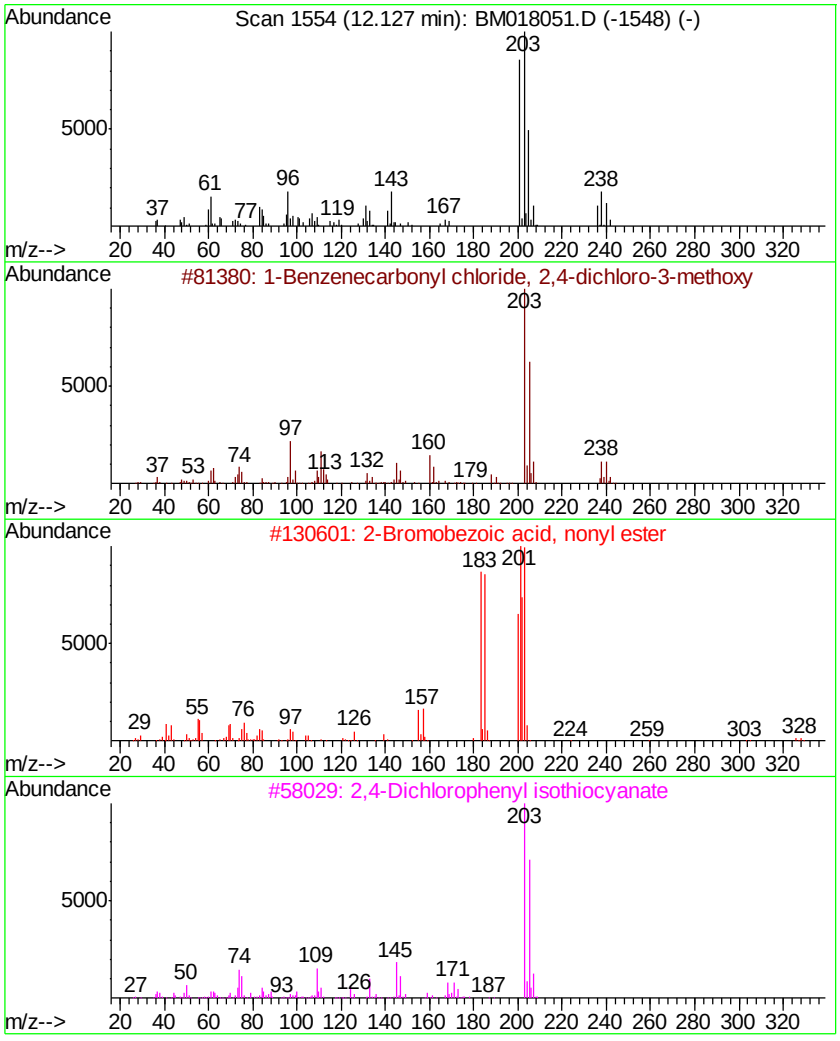
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

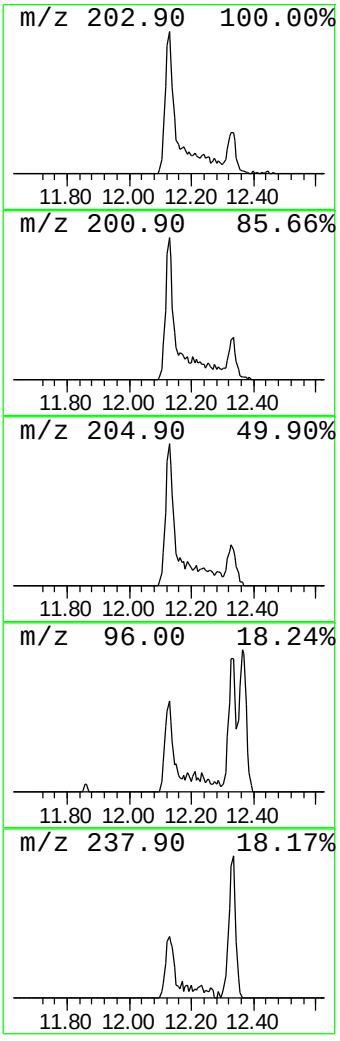
****

Peak Number 3 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	3.83 ng/ul	273038	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Benzenecarbonyl chloride, 2,4-...	238	C8H5Cl3O2	1000196-85-1	49
2	2-Bromobezoic acid, nonyl ester	326	C16H23BrO2	1000282-80-5	47
3	2,4-Dichlorophenyl isothiocyanate	203	C7H3Cl2NS	006590-96-1	43
4	Imidazo[4,5-b]pyridin-2(3H)-one,...	203	C6H3Cl2N3O	1000269-62-7	38
5	Benzothiazole, 2,6-dichloro-	203	C7H3Cl2NS	003622-23-9	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018051.D
Acq On : 11 Dec 2018 11:18
Operator : JU/SJ
Sample : J6155-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4131

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

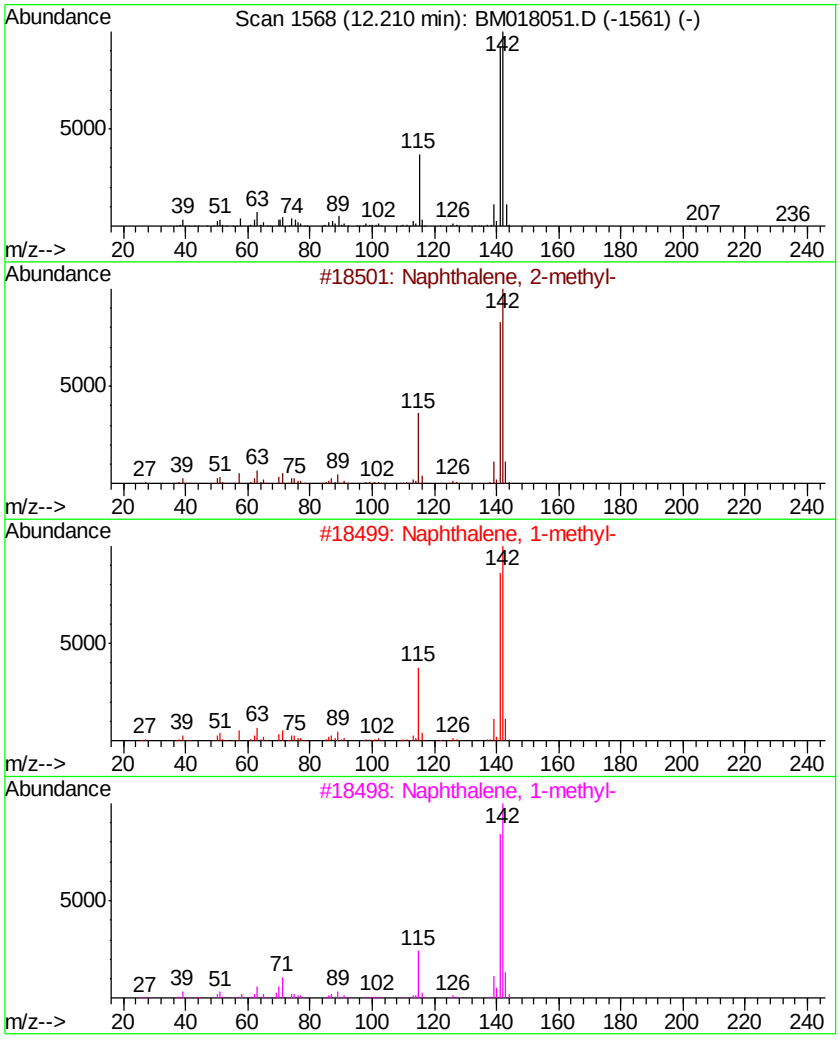
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

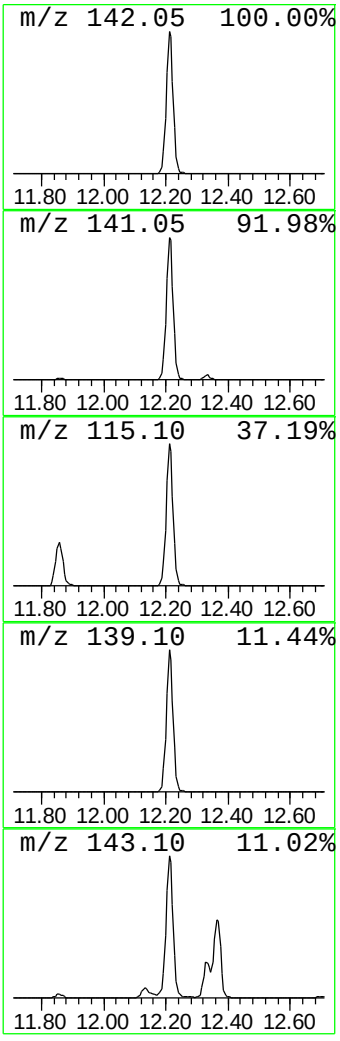
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	54.56 ng/ul	3888940	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018051.D
Acq On : 11 Dec 2018 11:18
Operator : JU/SJ
Sample : J6155-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4131

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

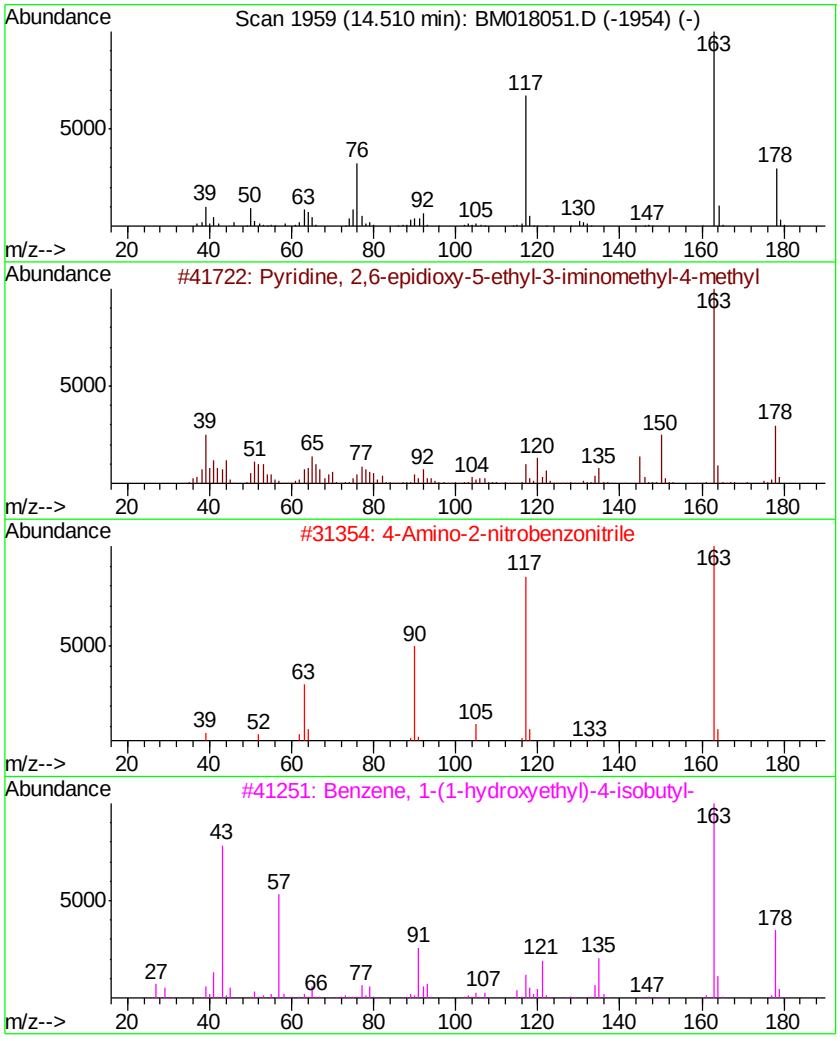
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

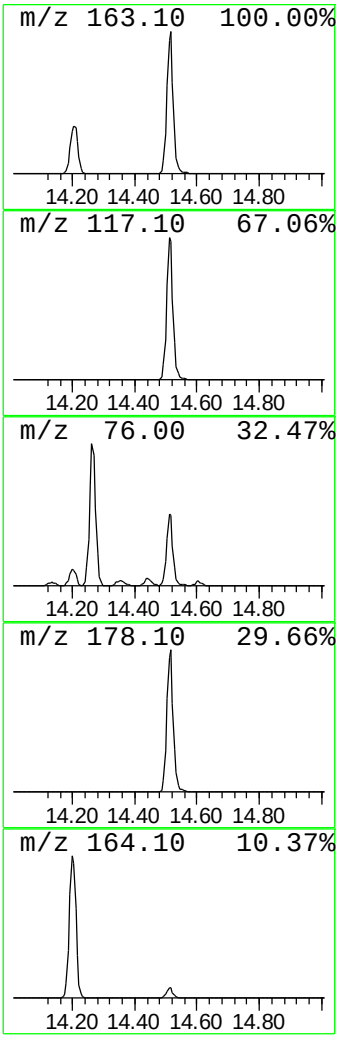
****

Peak Number 5 Pyridine, 2,6-epidioxy-5-et... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	12.08 ng/ul	1133380	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,6-epidioxy-5-ethyl-3...	178	C9H10N2O2	1000263-31-1	53
2	4-Amino-2-nitrobenzonitrile	163	C7H5N3O2	072115-07-2	53
3	Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	53
4	Propofol	178	C12H18O	002078-54-8	50
5	Propofol	178	C12H18O	002078-54-8	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018051.D
Acq On : 11 Dec 2018 11:18
Operator : JU/SJ
Sample : J6155-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4131

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

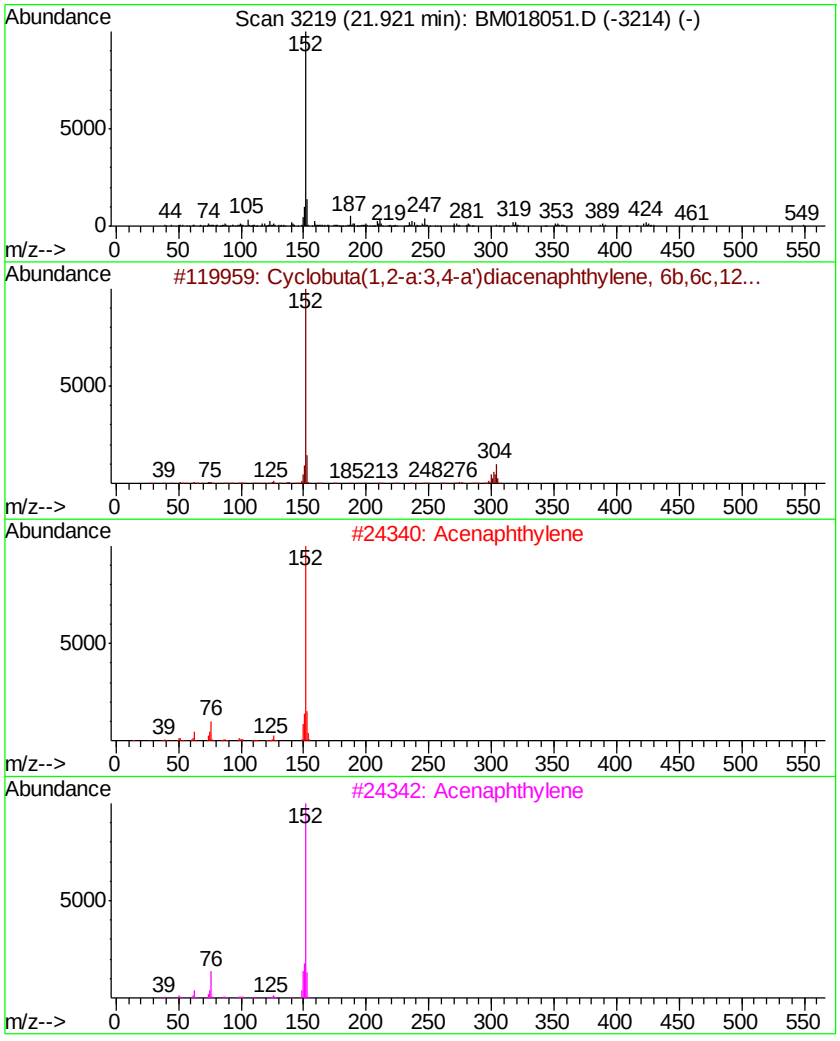
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

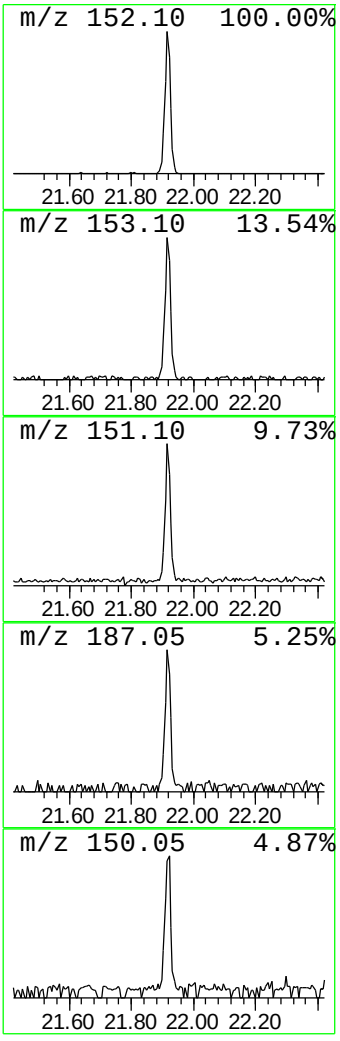
****

Peak Number 6 Cyclobuta(1,2-a:3,4-a')diac... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	4.68 ng/ul	415767	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobuta(1,2-a:3,4-a')diacenaph...	304	C24H16	007259-03-2	72
2	Acenaphthylene	152	C12H8	000208-96-8	56
3	Acenaphthylene	152	C12H8	000208-96-8	45
4	Acenaphthylene	152	C12H8	000208-96-8	45
5	Pyridine-3-carboxylic acid, 2-me...	259	C9H10ClN3O2S	252914-63-9	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121118\
Data File : BM018051.D
Acq On : 11 Dec 2018 11:18
Operator : JU/SJ
Sample : J6155-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4131

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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
2-Pentanone, 4-hy...	4.74	2.6	ng/ul	121458	1	7.55	941720	20.0
unknown-01	11.86	15.6	ng/ul	1113570	2	10.32	1425500	20.0
unknown-02	12.13	3.8	ng/ul	273038	2	10.32	1425500	20.0
Naphthalene, 1-me...	12.21	54.6	ng/ul	3888940	2	10.32	1425500	20.0
Pyridine, 2,6-epi...	14.51	12.1	ng/ul	1133380	3	14.20	1877020	20.0
Cyclobuta(1,2-a:3...	21.92	4.7	ng/ul	415767	5	21.17	1775070	20.0