Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Time: May 18 02:54:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	72236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	265214	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.39	164	172528	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	327071	20.00	ng/ul	0.01
77) Chrysene-d12	21.34	240	338677	20.00	ng/ul	0.01
85) Perylene-d12	23.47	264	612129	20.00	ng/ul	-0.12
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	11866	6.06	ng/uL	0.00
5) Phenol-d5	6.90	99	179933	31.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	122456	33.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	140843	33.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	126509	30.15	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	66035	38.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	69673	36.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	136341	33.88	ng/ul	0.01
29) 4-Chloroaniline-d4	10.68	131	114478	27.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	400565	32.27	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	502228	32.34	ng/ul	0.02
51) 4-Nitrophenol-d4	14.60	143	26236	14.56	ng/ul	0.00
57) Fluorene-d10	15.39	176	349593	31.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	181	0.10	ng/ul	0.00
70) Anthracene-d10	17.25	188	515095	36.72	ng/ul	0.02
78) Pyrene-d10	19.54	212	577422	35.40	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.47	264	602527	21.66	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.87	77	21427	4.340	ng/ul#	1
11) 2-Methylphenol	8.27	108	4679	1.136	ng/ul#	17
17) Hexachloroethane	8.82	117	91335	44.840	ng/ul#	1
30) 4-Chloroaniline	10.63	127	5227973	1229.867	ng/ul#	15
32) Caprolactam	11.52	113	10313	9.230	ng/ul#	49
34) 2-Methylnaphthalene	12.23	142	14964788	1696.203	ng/ul	96
40) 1,1'-Biphenyl	13.22	154	1756581	142.218	ng/ul	99
44) Dimethylphthalate	13.85	163	47930	3.903	ng/ul	98
47) Acenaphthylene	14.13	152	10713306	731.694	ng/ul	97
49) Acenaphthene	14.46	153	638305	63.413	ng/ul	98
53) Dibenzofuran	14.79	168	645400	42.341	ng/ul	96
54) 2,4-Dinitrotoluene	14.74	165	36525	11.135	ng/ul#	45
58) Fluorene	15.45	166	4793221	392.531	ng/ul	99
60) 4-Nitroaniline	15.45	138	51463	26.272	ng/ul#	8
64) N-Nitrosodiphenylamine	15.64	169	43035	5.318	ng/ul#	1
69) Phenanthrene	17.29	178	4603770	295.415	ng/ul	99
71) Anthracene	17.29	178	4603770	290.414	ng/ul	100
74) Carbazole	17.55	167	61836	4.596	ng/ul#	82
76) Fluoranthene	19.22	202	7715025	391.908	ng/ul	97
79) Pyrene	19.48	202	401013	19.727	ng/ul	97
82) Benzo(a)anthracene	21.38	228	3315989	162.674	ng/ul	95
84) Chrysene	21.38	228	3317154	170.283	ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	2535259	72.569	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Time: May 18 02:54:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(k)fluoranthene	22.93	252	2535259	73.881	ng/ul	98
90) Benzo(a)pyrene	23.53	252	2977969	90.577	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.67	276	120924	3.228	ng/ul	96
92) Dibenzo(a,h)anthracene	25.61	278	153315	4.786	ng/ul	95
93) Benzo(g,h,i)perylene	26.64	276	797942	25.731	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
Data File : BM020359.D
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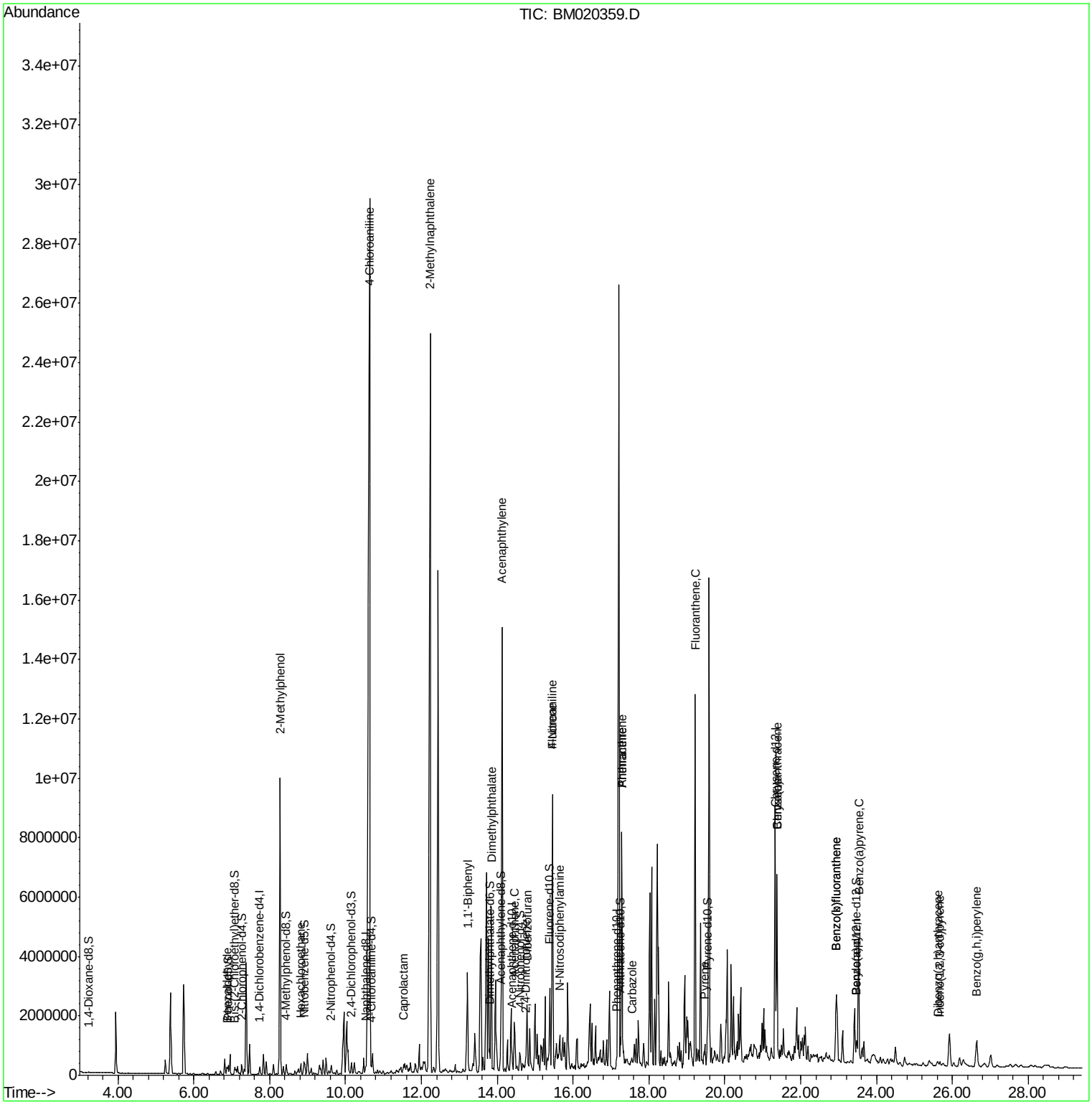
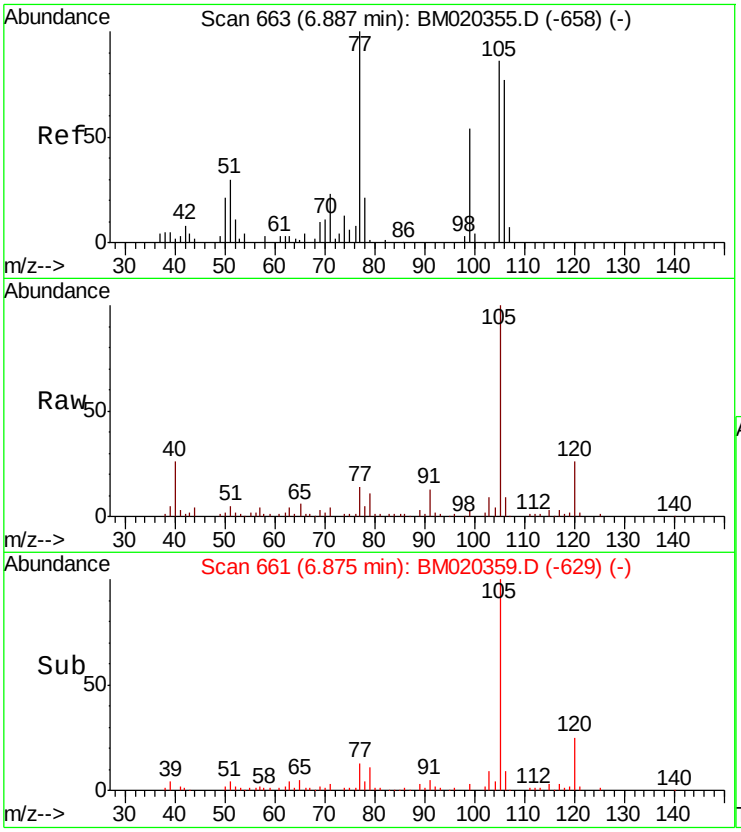
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Quant Time: May 18 02:54:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration



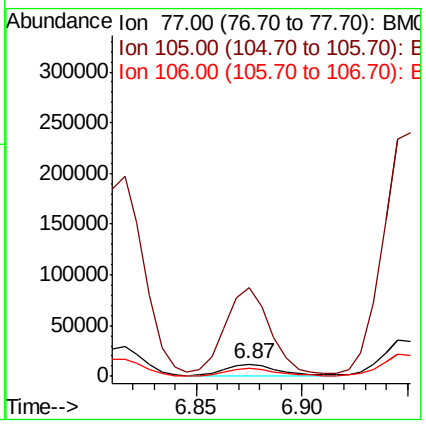


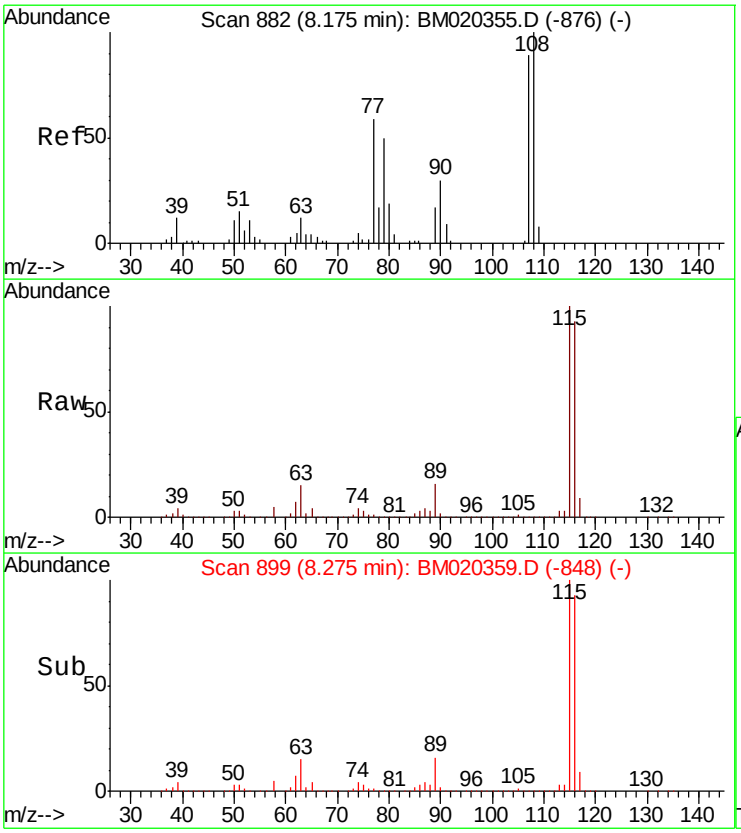
#4
Benzaldehyde
Concen: 4.340 ng/ul
RT: 6.87 min Scan# 661
Delta R.T. -0.01 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
GAJ91ME

Tgt Ion: 77 Resp: 21427

Ion	Ratio	Lower	Upper
77	100		
105	726.7	67.4	101.0#
106	66.3	64.8	97.2

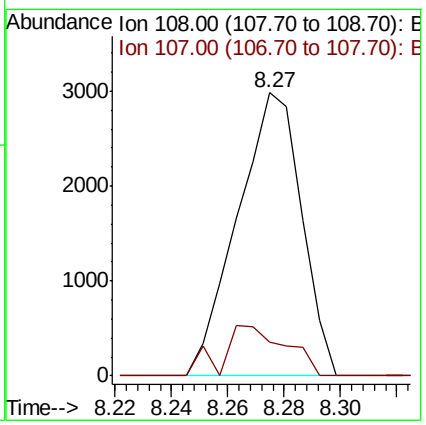


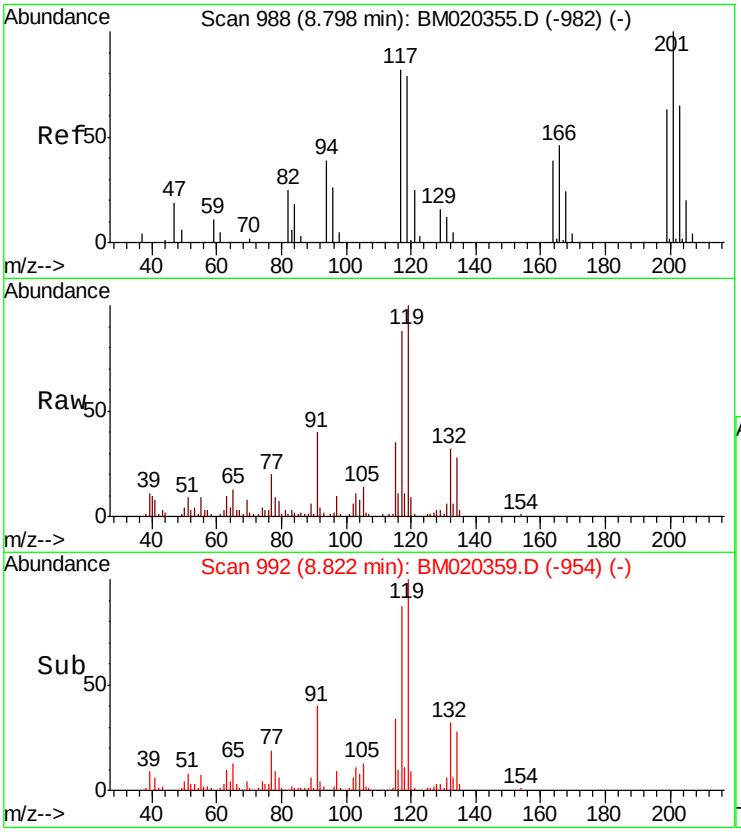


#11
2-Methylphenol
Concen: 1.136 ng/ul
RT: 8.27 min Scan# 899
Delta R.T. 0.10 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Tgt Ion:108 Resp: 4679

Ion	Ratio	Lower	Upper
108	100		
107	12.0	72.0	108.0#



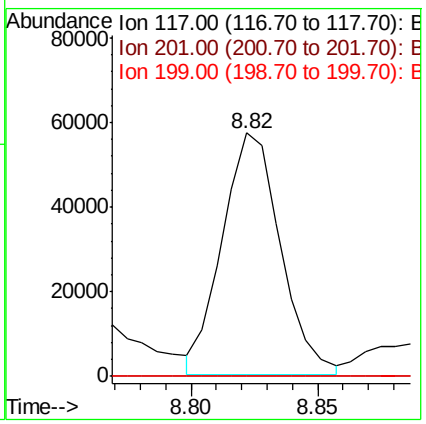


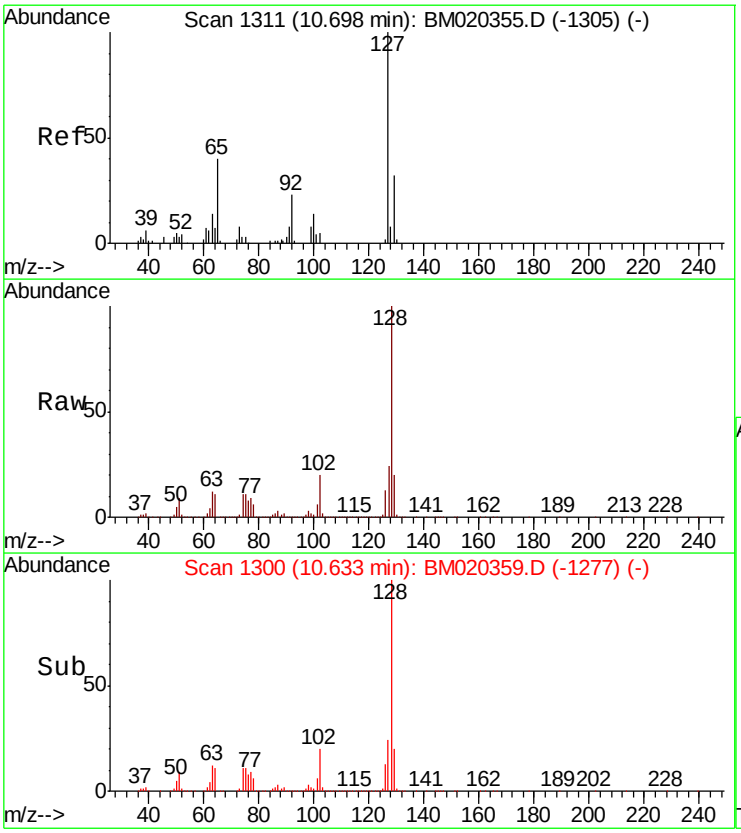
#17
Hexachloroethane
Concen: 44.840 ng/ul
RT: 8.82 min Scan# 992
Delta R.T. 0.02 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
GAJ91ME

Tgt Ion:117 Resp: 91335

Ion	Ratio	Lower	Upper
117	100		
201	0.0	102.4	153.6#
199	0.0	63.3	94.9#

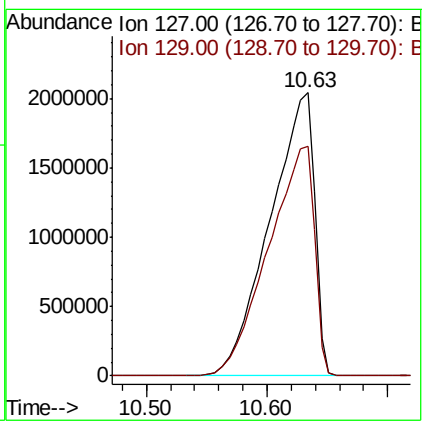


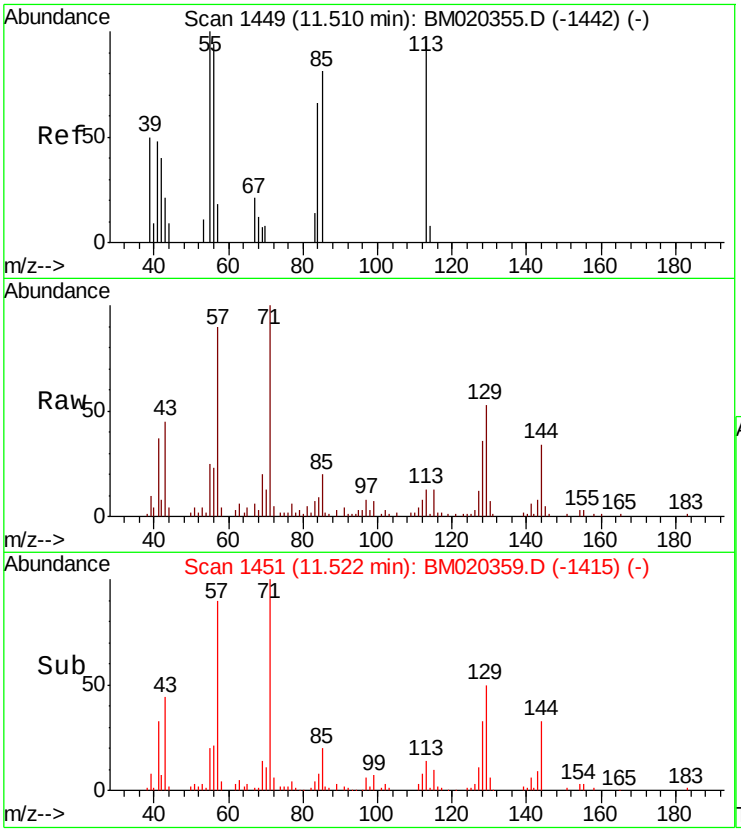


#30
4-Chloroaniline
Concen: 1229.867 ng/ul
RT: 10.63 min Scan# 1300
Delta R.T. -0.06 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Tgt Ion:127 Resp: 5227973

Ion	Ratio	Lower	Upper
127	100		
129	81.3	26.5	39.7#



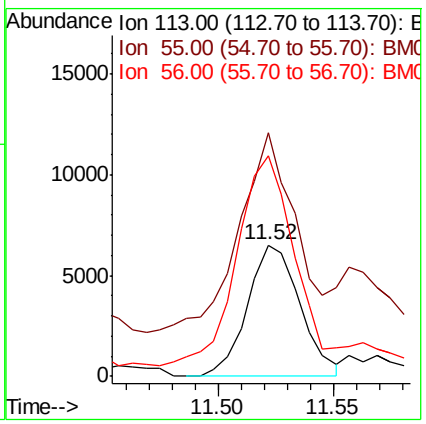


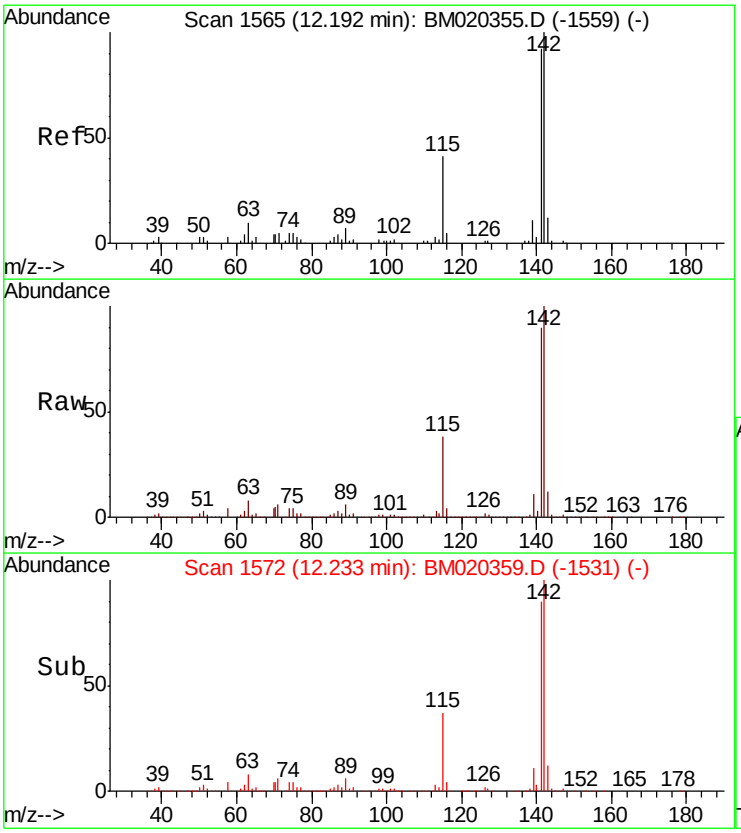
#32
Caprolactam
Concen: 9.230 ng/ul
RT: 11.52 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
GAJ91ME

Tgt Ion:113 Resp: 10313

Ion	Ratio	Lower	Upper
113	100		
55	185.6	104.6	156.8#
56	168.5	88.4	132.6#

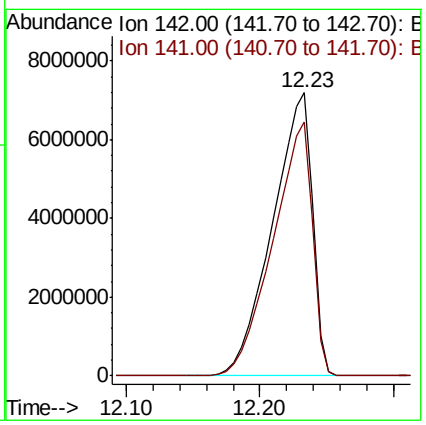


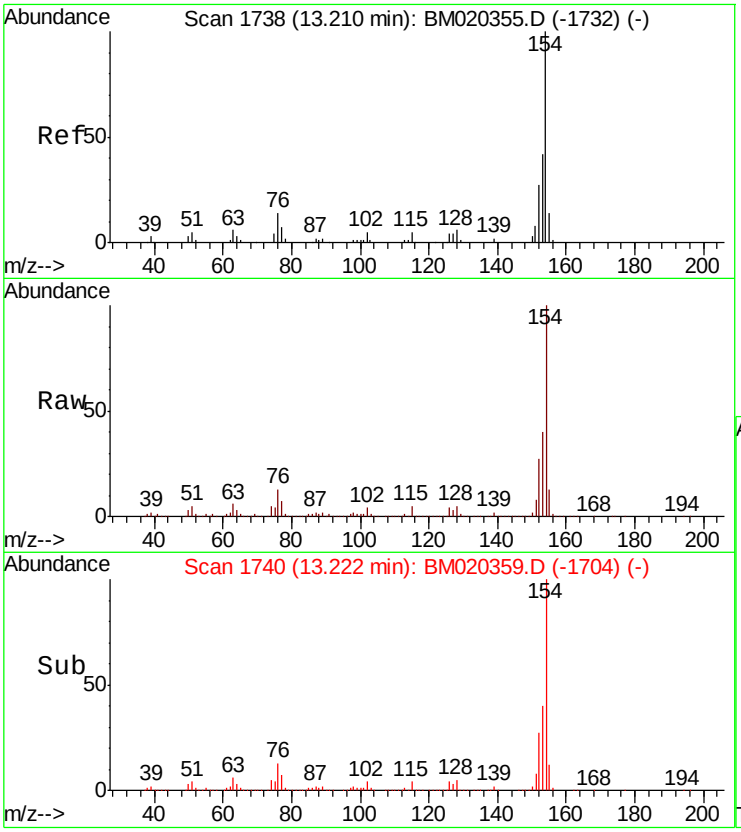


#34
2-Methylnaphthalene
Concen: 1696.203 ng/ul
RT: 12.23 min Scan# 1572
Delta R.T. 0.04 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Tgt Ion:142 Resp:14964788

Ion	Ratio	Lower	Upper
142	100		
141	89.7	68.6	102.8



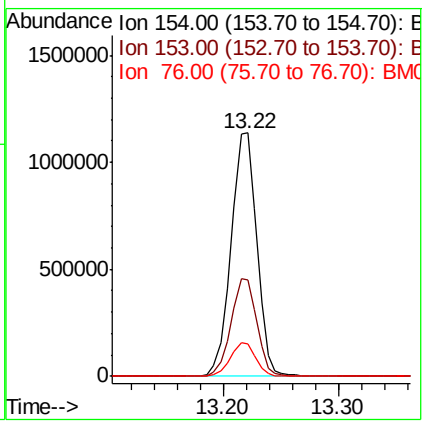


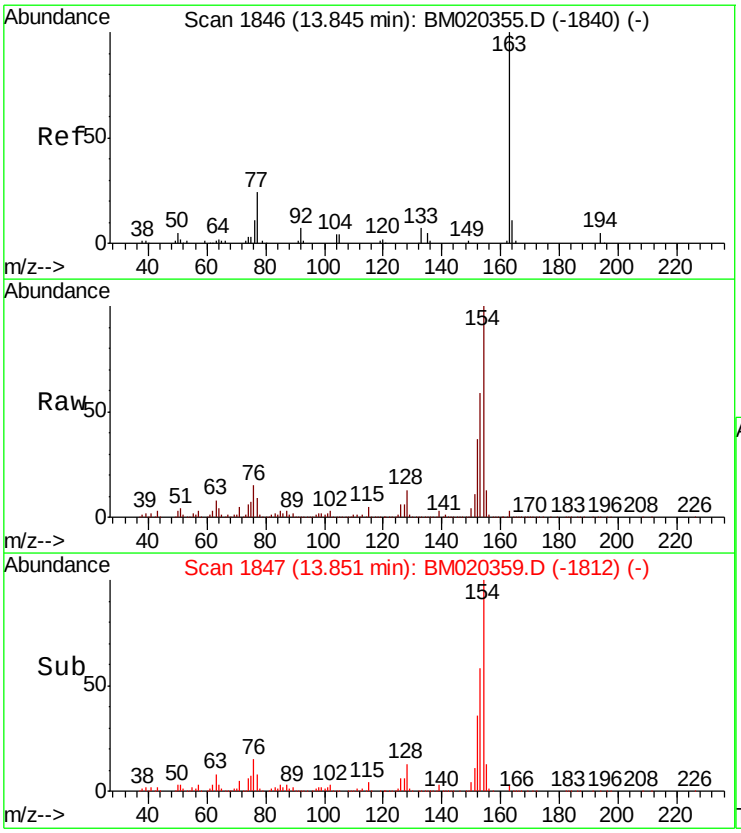
#40
1,1'-Biphenyl
Concen: 142.218 ng/ul
RT: 13.22 min Scan# 1740
Delta R.T. 0.01 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
GAJ91ME

Tgt Ion:154 Resp: 1756581

Ion	Ratio	Lower	Upper
154	100		
153	39.9	32.2	48.4
76	13.1	11.0	16.4

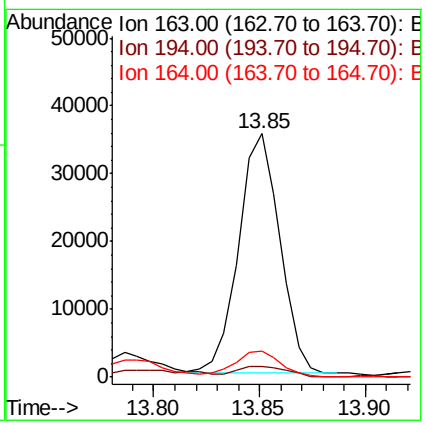


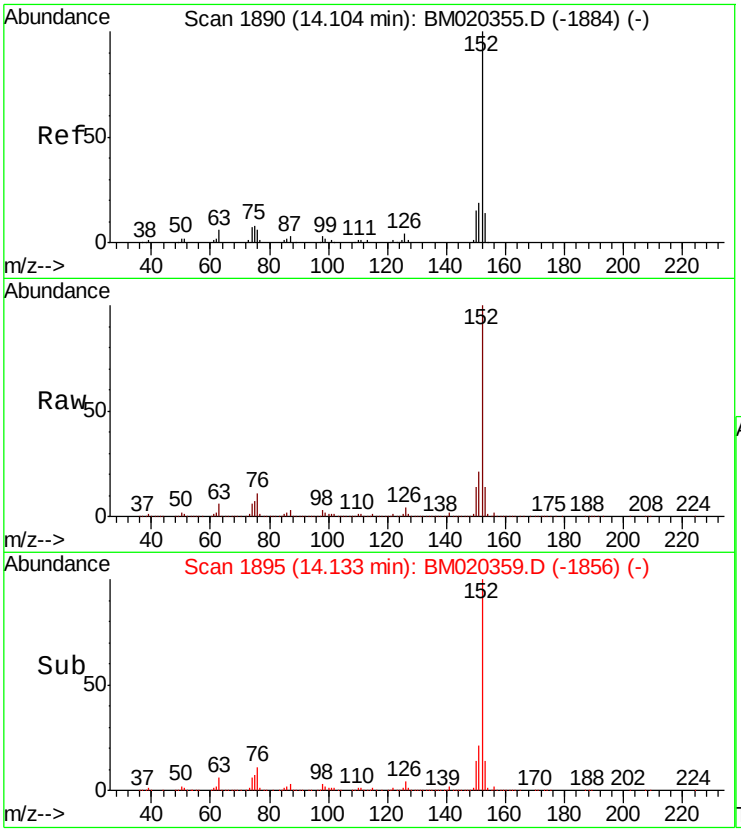


#44
Dimethylphthalate
Concen: 3.903 ng/ul
RT: 13.85 min Scan# 1847
Delta R.T. 0.01 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Tgt Ion:163 Resp: 47930

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.8	8.0	12.0



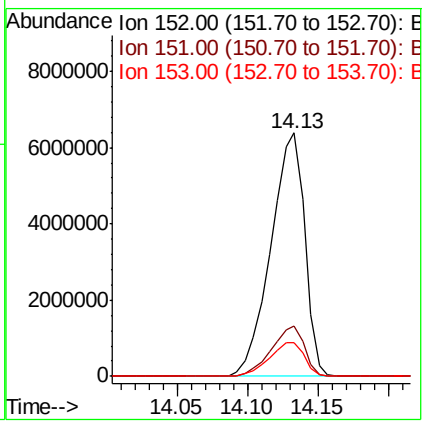


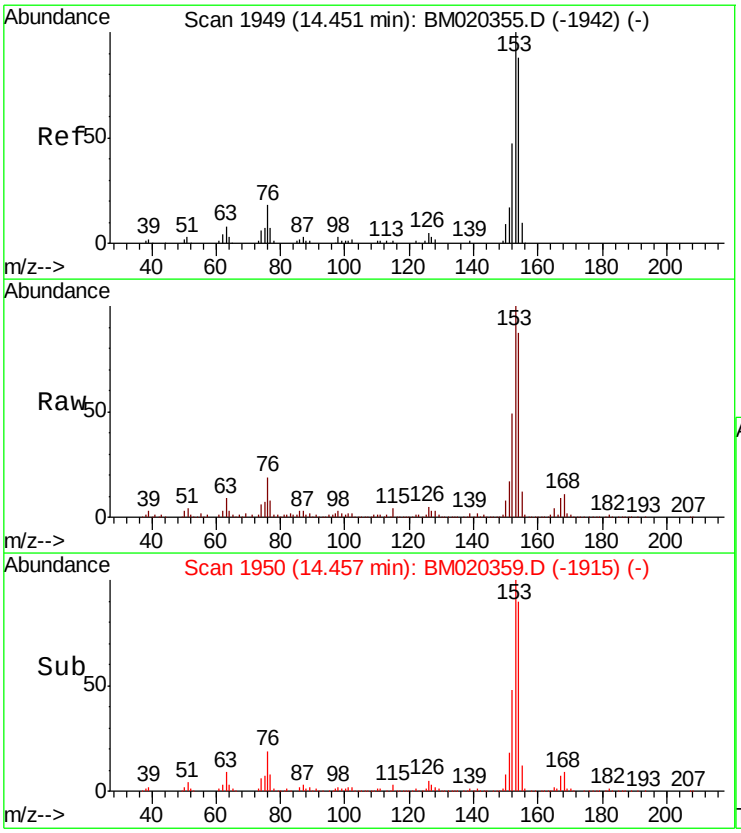
#47
Acenaphthylene
Concen: 731.694 ng/ul
RT: 14.13 min Scan# 1895
Delta R.T. 0.03 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
GAJ91ME

Tgt Ion:152 Resp:10713306

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.4	23.0
153	14.0	10.3	15.5

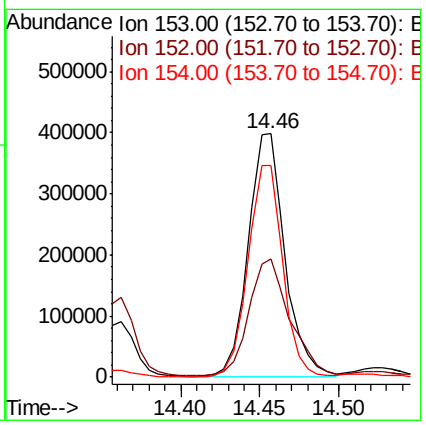


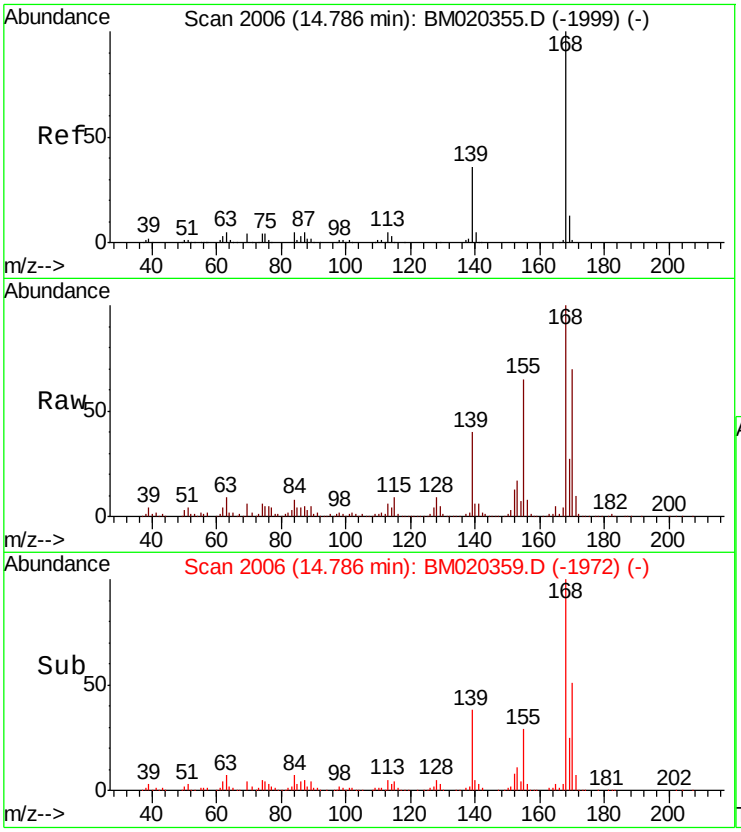


#49
Acenaphthene
Concen: 63.413 ng/ul
RT: 14.46 min Scan# 1950
Delta R.T. 0.01 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Tgt Ion:153 Resp: 638305

Ion	Ratio	Lower	Upper
153	100		
152	48.6	37.9	56.9
154	86.9	71.2	106.8



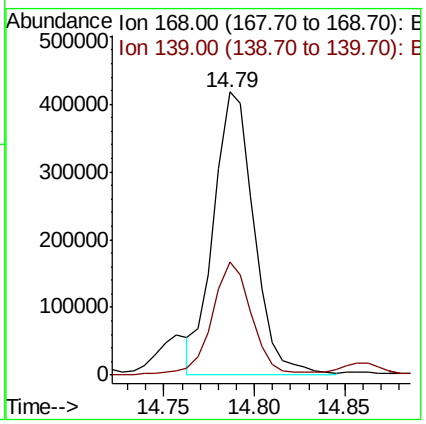


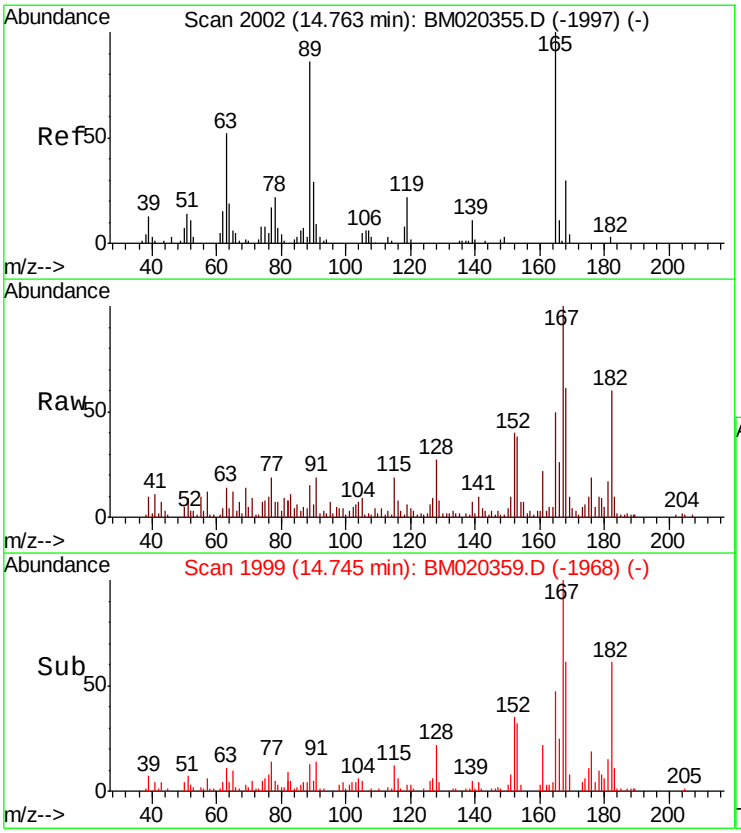
#53
Dibenzofuran
Concen: 42.341 ng/ul
RT: 14.79 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
GAJ91ME

Tgt Ion:168 Resp: 645400

Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.1	45.1

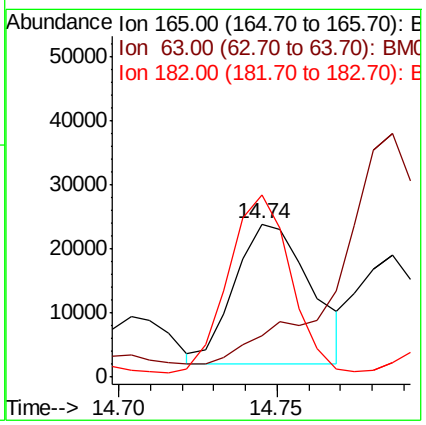


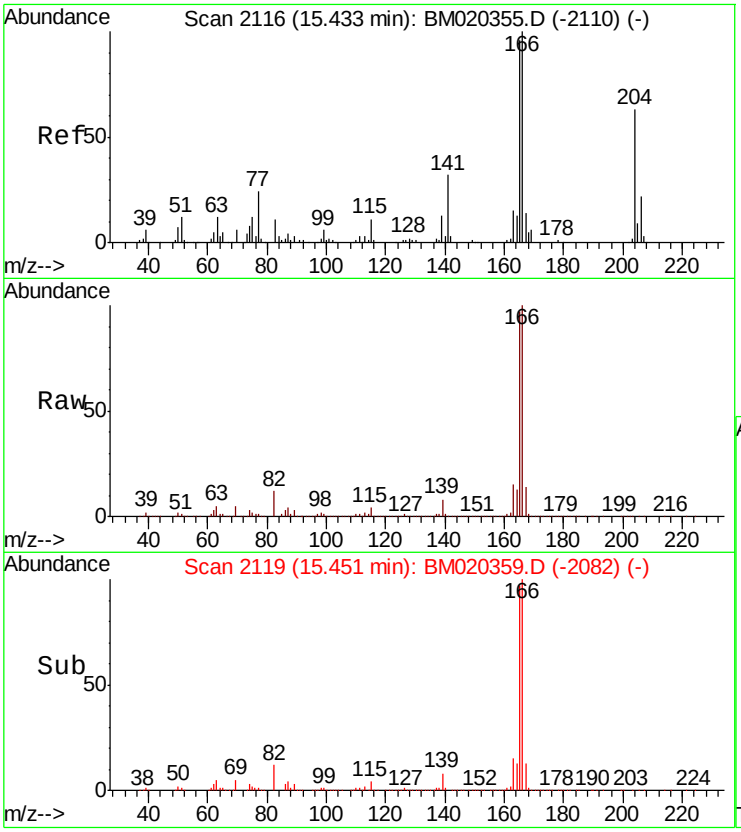


#54
2,4-Dinitrotoluene
Concen: 11.135 ng/ul
RT: 14.74 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Tgt Ion:165 Resp: 36525

Ion	Ratio	Lower	Upper
165	100		
63	27.4	43.2	64.8#
182	118.8	2.6	4.0#



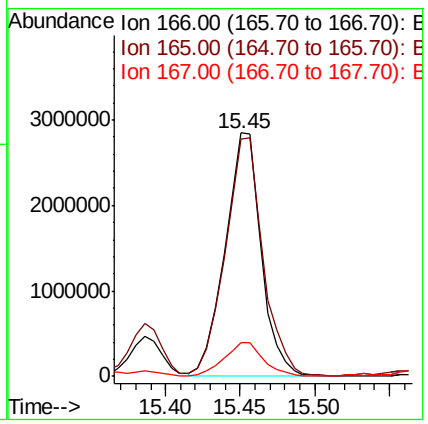


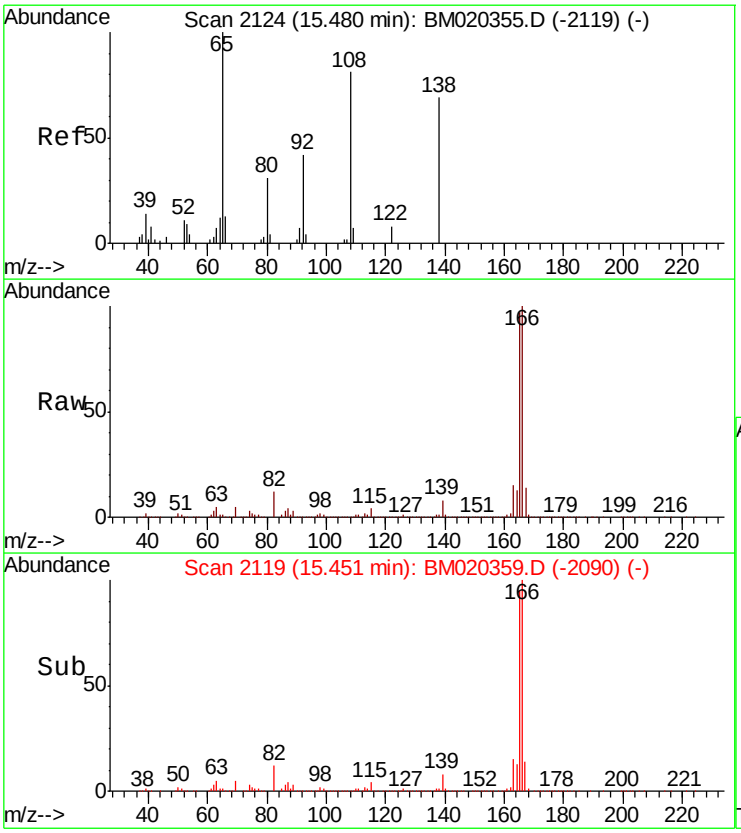
#58
Fluorene
Concen: 392.531 ng/ul
RT: 15.45 min Scan# 2119
Delta R.T. 0.02 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
GAJ91ME

Tgt Ion:166 Resp: 4793221

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.1	115.7
167	13.8	11.1	16.7

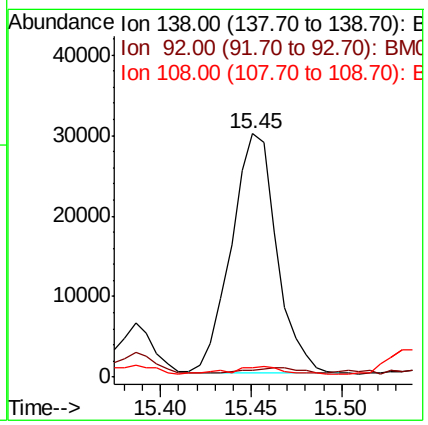


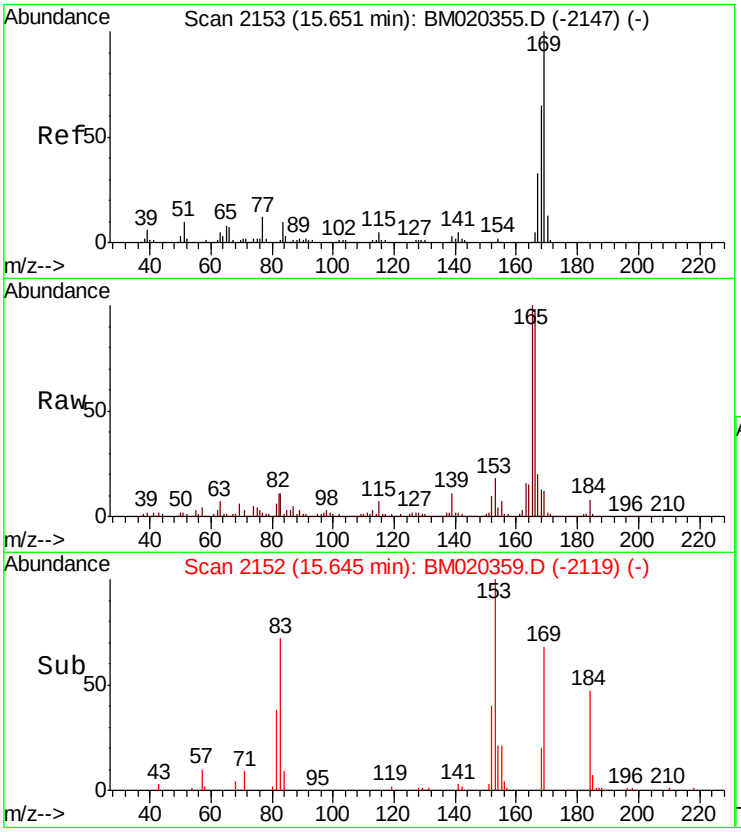


#60
4-Nitroaniline
Concen: 26.272 ng/ul
RT: 15.45 min Scan# 2119
Delta R.T. -0.03 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Tgt Ion:138 Resp: 51463

Ion	Ratio	Lower	Upper
138	100		
92	2.8	52.2	78.4#
108	4.0	86.6	130.0#



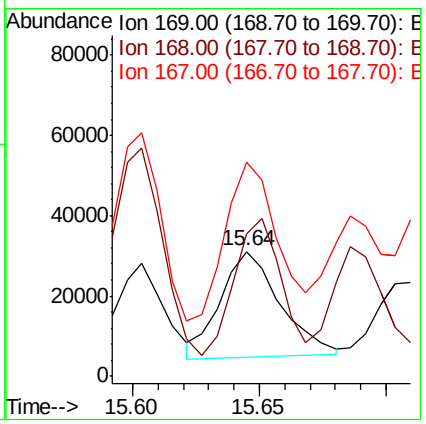


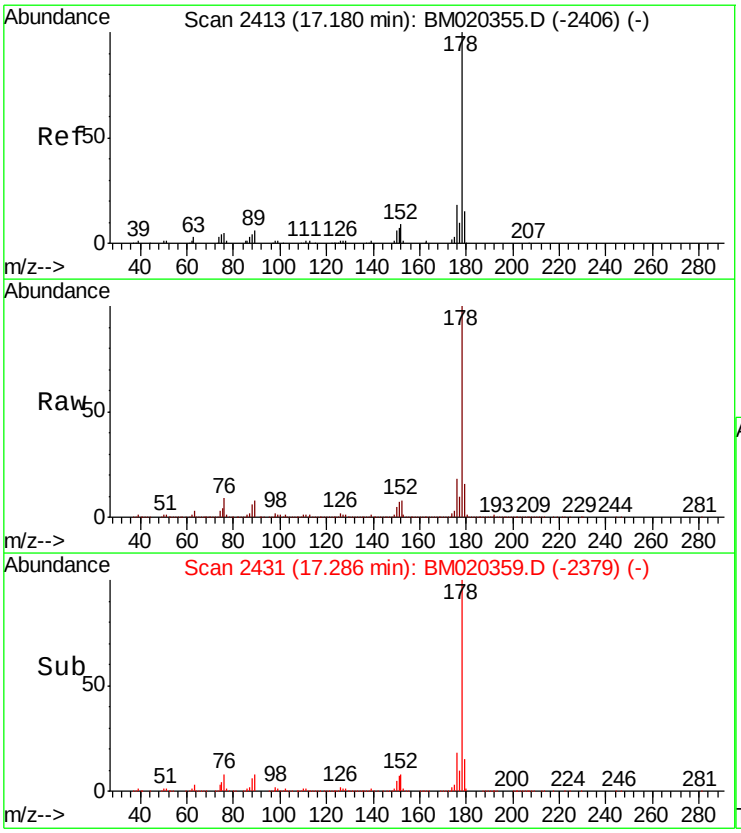
#64
N-Nitrosodiphenylamine
Concen: 5.318 ng/ul
RT: 15.64 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
GAJ91ME

Tgt Ion:169 Resp: 43035

Ion	Ratio	Lower	Upper
169	100		
168	114.0	53.2	79.8#
167	171.4	28.2	42.2#

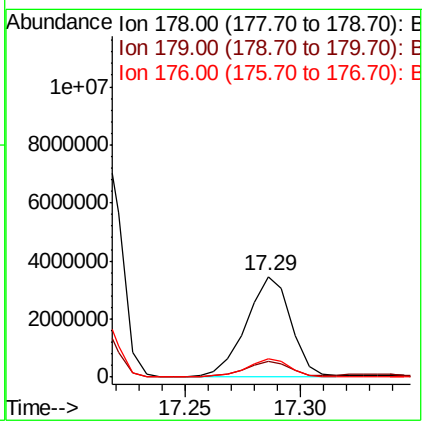


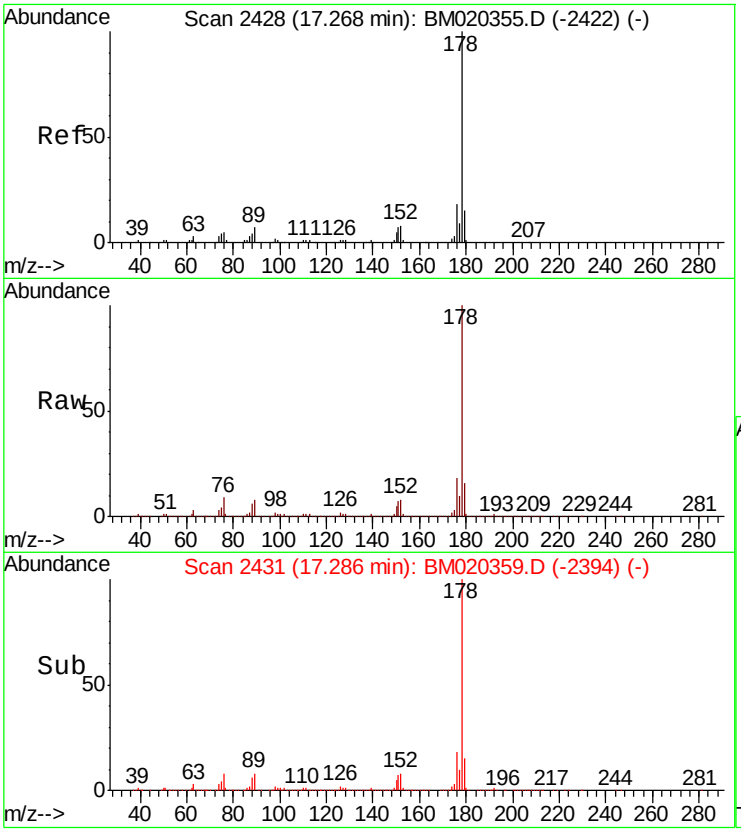


#69
Phenanthrene
Concen: 295.415 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.11 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Tgt Ion:178 Resp: 4603770

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.9	17.9
176	18.0	14.6	22.0



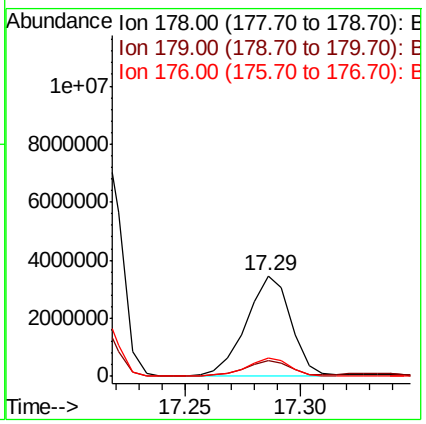


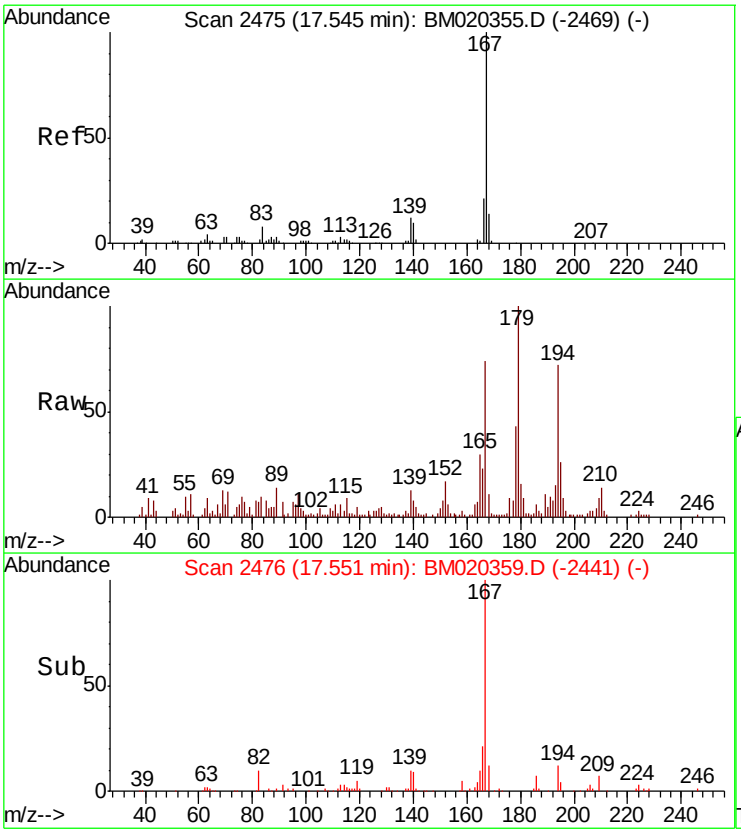
#71
Anthracene
Concen: 290.414 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.02 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
GAJ91ME

Tgt Ion:178 Resp: 4603770

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	18.0	14.4	21.6

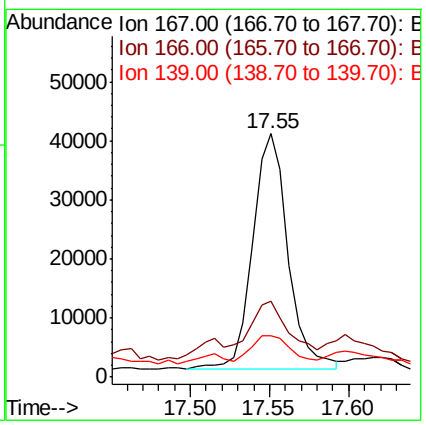


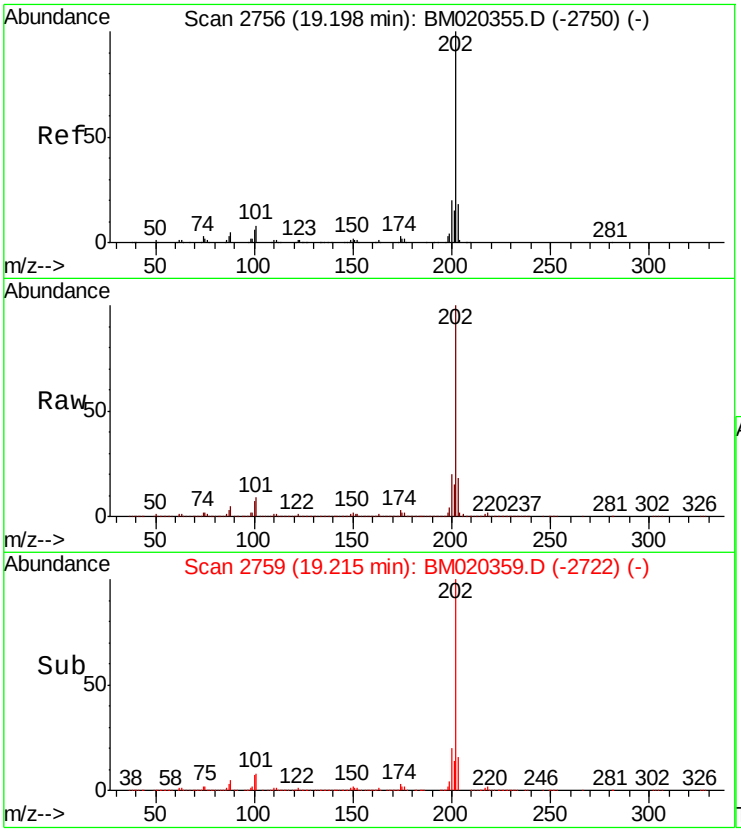


#74
Carbazole
Concen: 4.596 ng/ul
RT: 17.55 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Tgt Ion:167 Resp: 61836

Ion	Ratio	Lower	Upper
167	100		
166	31.1	16.6	24.8#
139	16.9	9.8	14.8#



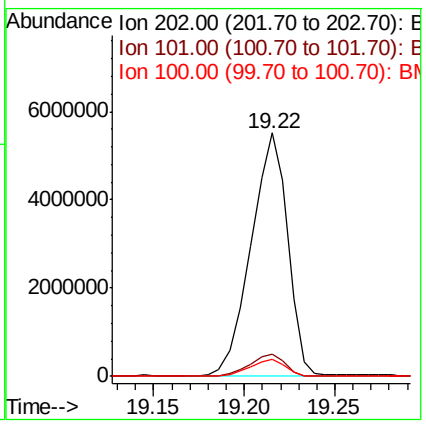


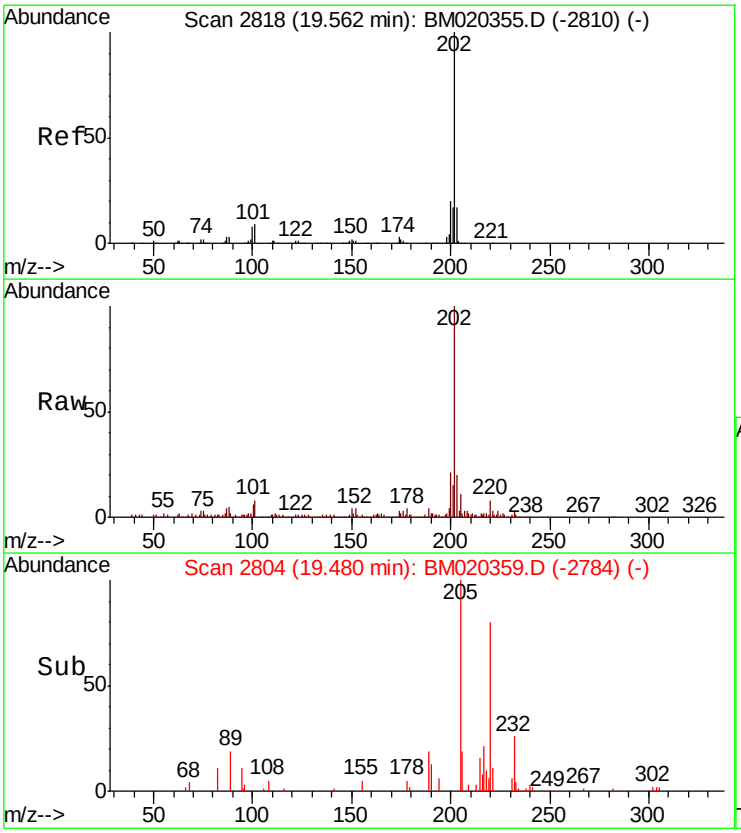
#76
Fluoranthene
Concen: 391.908 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. 0.02 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
GAJ91ME

Tgt Ion:202 Resp: 7715025

Ion	Ratio	Lower	Upper
202	100		
101	9.1	6.4	9.6
100	7.2	5.2	7.8

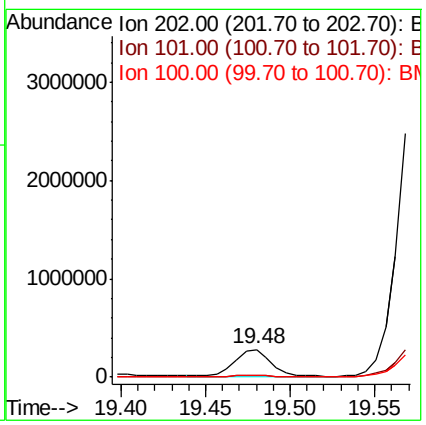


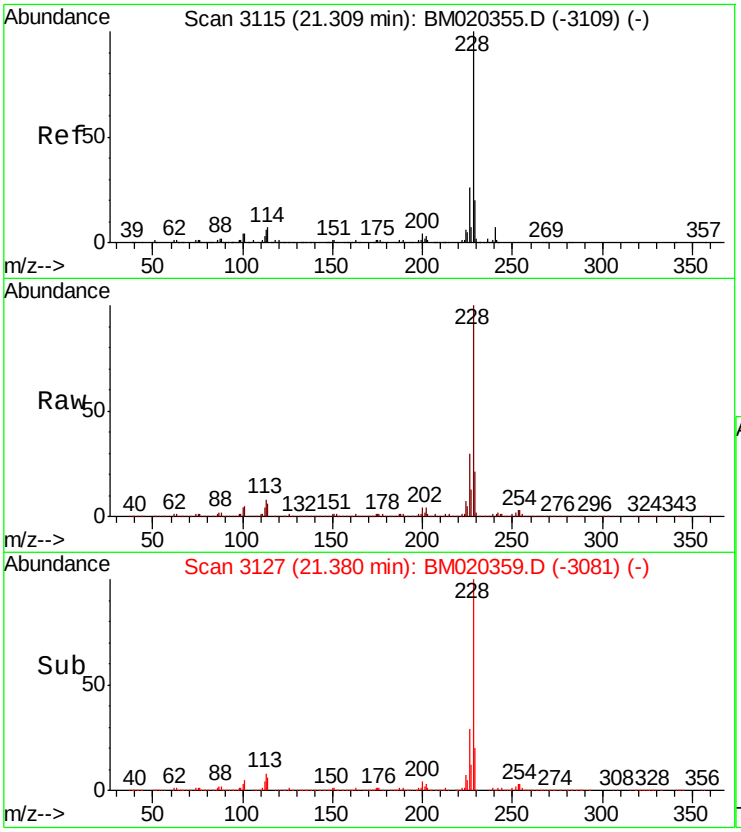


#79
Pyrene
Concen: 19.727 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. -0.08 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Tgt Ion:202 Resp: 401013

Ion	Ratio	Lower	Upper
202	100		
101	8.1	7.1	10.7
100	6.0	5.9	8.9



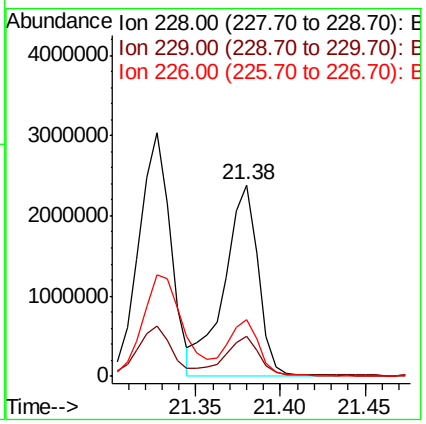


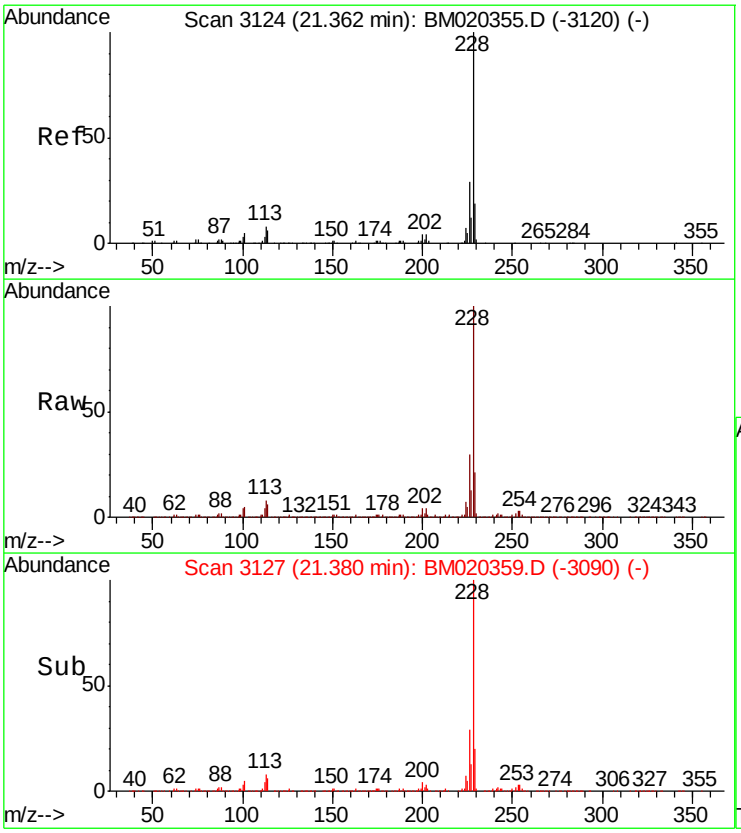
#82
Benzo(a)anthracene
Concen: 162.674 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. 0.07 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
GAJ91ME

Tgt Ion:228 Resp: 3315989

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.8
226	29.6	20.6	30.8

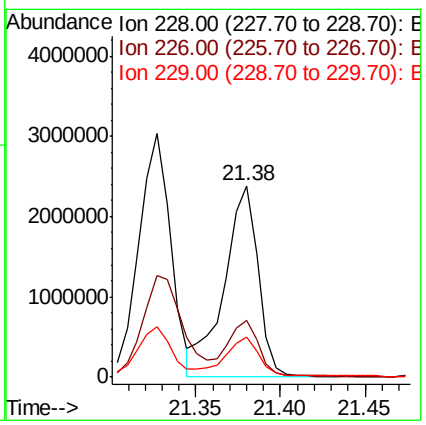


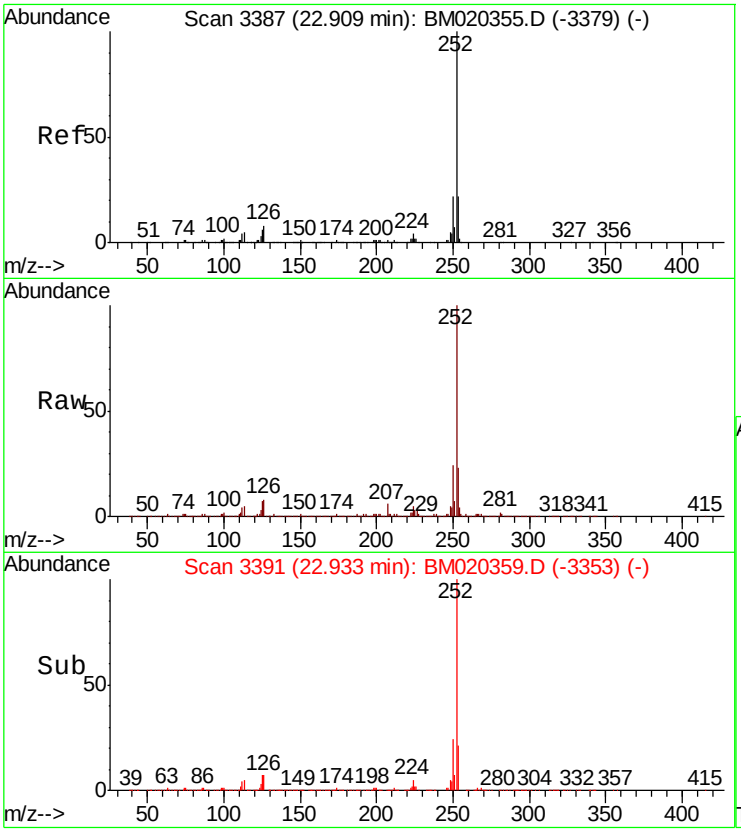


#84
Chrysene
Concen: 170.283 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. 0.02 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Tgt Ion:228 Resp: 3317154

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.2	33.4
229	20.8	15.4	23.2



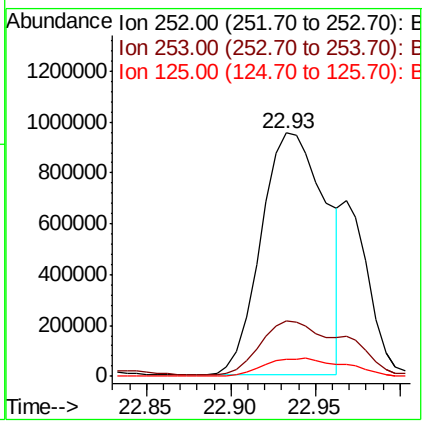


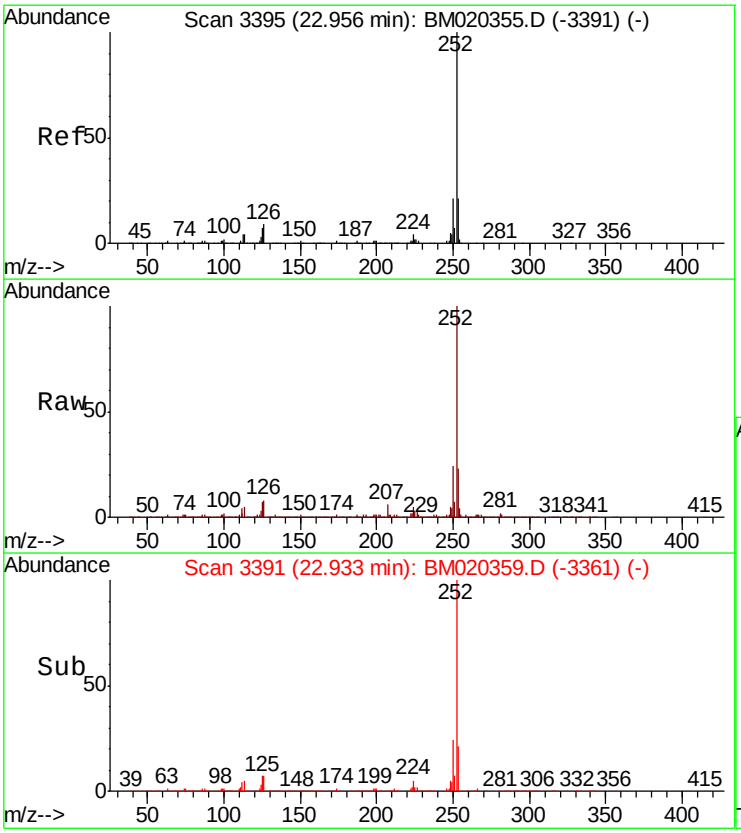
#87
Benzo(b)fluoranthene
Concen: 72.569 ng/ul
RT: 22.93 min Scan# 3391
Delta R.T. 0.02 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
GAJ91ME

Tgt Ion:252 Resp: 2535259

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	7.1	5.0	7.4

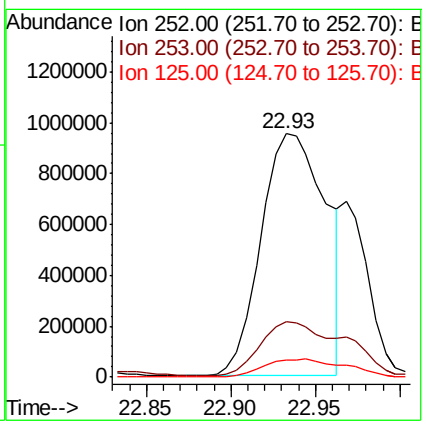


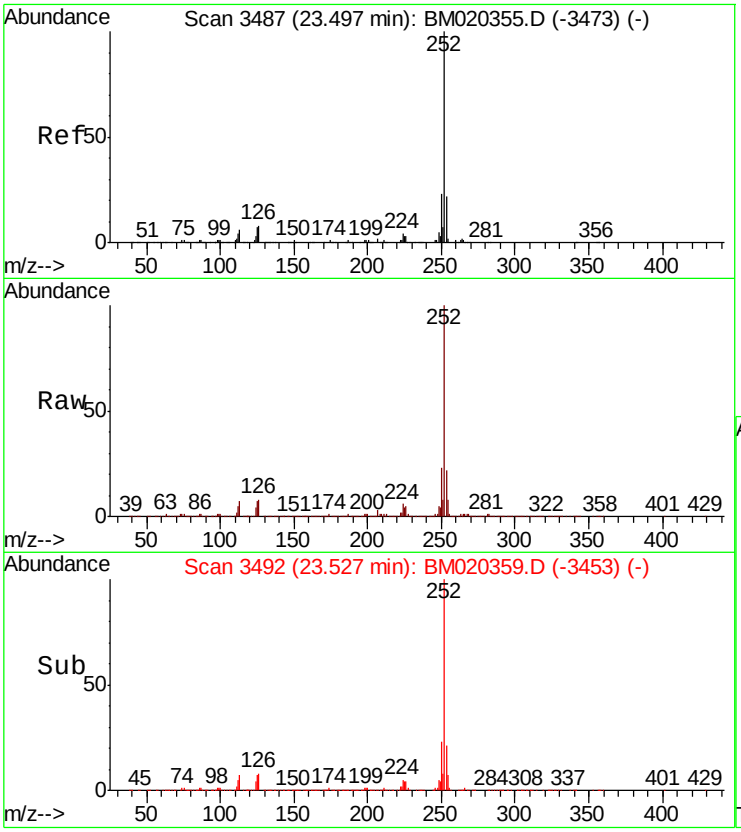


#88
Benzo(k)fluoranthene
Concen: 73.881 ng/ul
RT: 22.93 min Scan# 3391
Delta R.T. -0.02 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Tgt Ion:252 Resp: 2535259

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	7.1	5.0	7.6



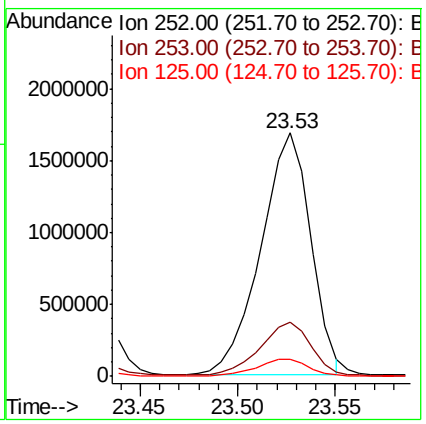


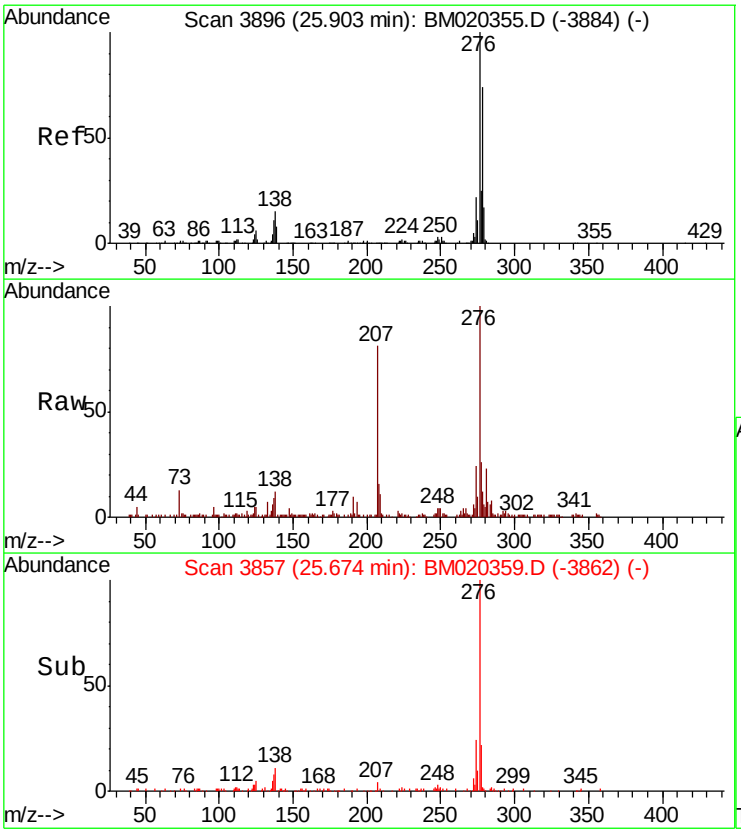
#90
Benzo(a)pyrene
Concen: 90.577 ng/ul
RT: 23.53 min Scan# 3492
Delta R.T. 0.03 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
GAJ91ME

Tgt Ion:252 Resp: 2977969

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	6.8	5.4	8.2

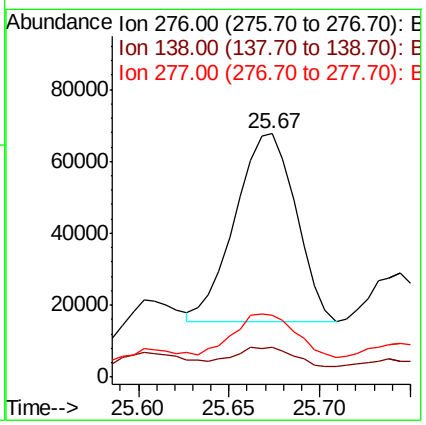


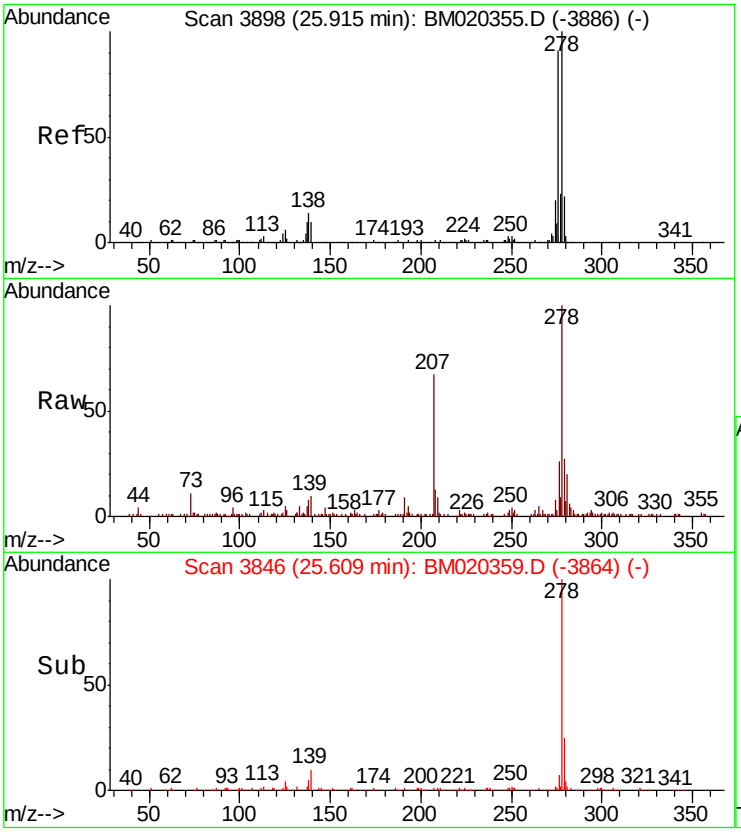


#91
Indeno(1,2,3-cd)pyrene
Concen: 3.228 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. -0.23 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Tgt Ion:276 Resp: 120924

Ion	Ratio	Lower	Upper
276	100		
138	12.4	12.3	18.5
277	25.7	20.0	30.0



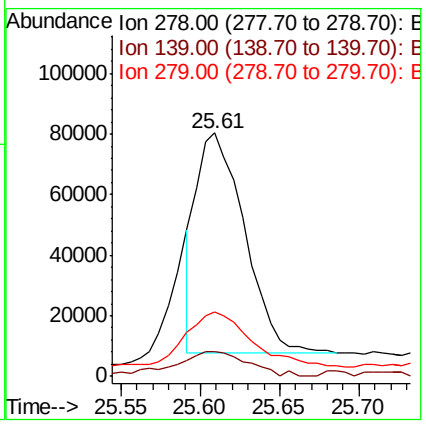


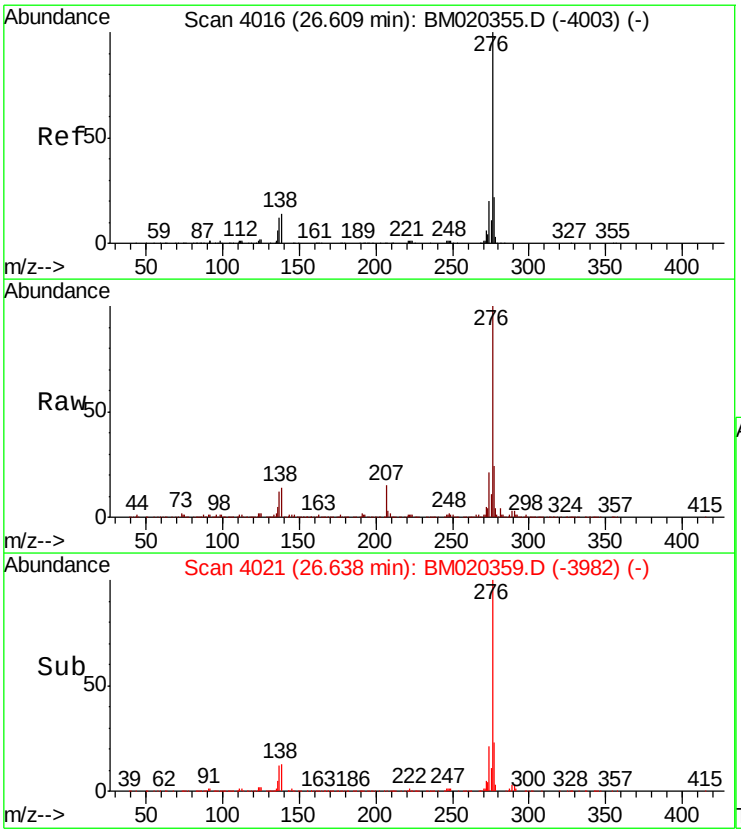
#92
Dibenzo(a,h)anthracene
Concen: 4.786 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. -0.31 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
GAJ91ME

Tgt Ion:278 Resp: 153315

Ion	Ratio	Lower	Upper
278	100		
139	10.3	8.1	12.1
279	26.7	18.7	28.1





#93
Benzo(g,h,i)perylene
Concen: 25.731 ng/ul
RT: 26.64 min Scan# 4021
Delta R.T. 0.03 min
Lab File: BM020359.D
Acq: 17 May 2019 11:34

Tgt Ion:276 Resp: 797942

Ion	Ratio	Lower	Upper
276	100		
138	13.6	10.0	15.0
277	23.7	18.2	27.4