Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026168.D
Acq On : 28 May 2020 22:56
Operator : MA/SJ
Sample : L2785-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 29 01:28:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 28 11:12:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	154416	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	641086	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	378705	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	788260	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	841366	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	890257	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	25534	4.99	ng/uL	0.00
5) Phenol-d5	6.67	99	492573	35.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	333753	34.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	372982	34.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	375914	35.61	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	188200	36.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	196891	38.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	349932	33.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	482212	45.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	1042363	34.32	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	1258585	34.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	175120	32.56	ng/ul	0.00
58) Fluorene-d10	15.13	176	912243	34.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	146504	31.88	ng/ul	0.00
71) Anthracene-d10	16.97	188	1375088	35.40	ng/ul	0.00
79) Pyrene-d10	19.27	212	1626162	37.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1770900	37.37	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.64	77	10075	1.105	ng/ul	88
28) Naphthalene	10.29	128	40230	1.026	ng/ul#	95
45) Dimethylphthalate	13.59	163	147177	4.616	ng/ul	99
48) Acenaphthylene	13.84	152	44290	1.121	ng/ul	97
50) Acenaphthene	14.19	153	54251	1.947	ng/ul	96
54) Dibenzofuran	14.53	168	53398	1.364	ng/ul	98
59) Fluorene	15.18	166	60123	1.898	ng/ul	96
70) Phenanthrene	16.92	178	1238732	24.948	ng/ul	99
72) Anthracene	17.00	178	248741	4.993	ng/ul	99
75) Carbazole	17.28	167	119835	2.908	ng/ul	98
77) Fluoranthene	18.94	202	1972299	37.868	ng/ul	99
80) Pyrene	19.30	202	1697822	28.745	ng/ul	98
83) Benzo(a)anthracene	21.06	228	964740	16.636	ng/ul	98
85) Chrysene	21.11	228	916272	15.896	ng/ul	99
88) Benzo(b)fluoranthene	22.57	252	1266229	21.028	ng/ul	99
89) Benzo(k)fluoranthene	22.57	252	1266229	21.052	ng/ul	98
91) Benzo(a)pyrene	23.10	252	795767	15.016	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.26	276	560851	8.155	ng/ul	93
93) Dibenzo(a,h)anthracene	25.27	278	159919	2.746	ng/ul#	82
94) Benzo(g,h,i)perylene	25.89	276	309721	5.395	ng/ul	96

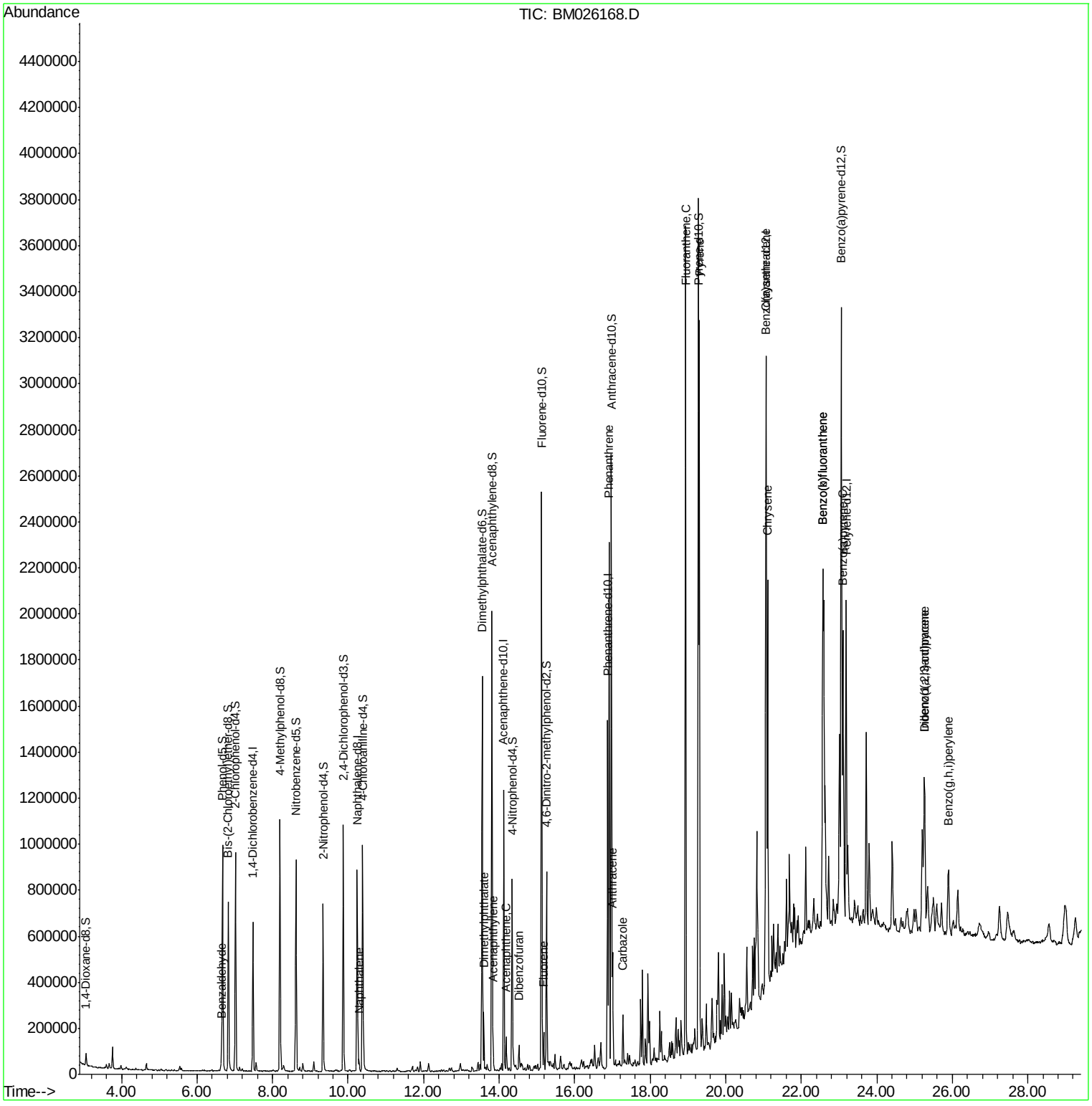
(#) = qualifier out of range (m) = manual integration (+) = signals summed

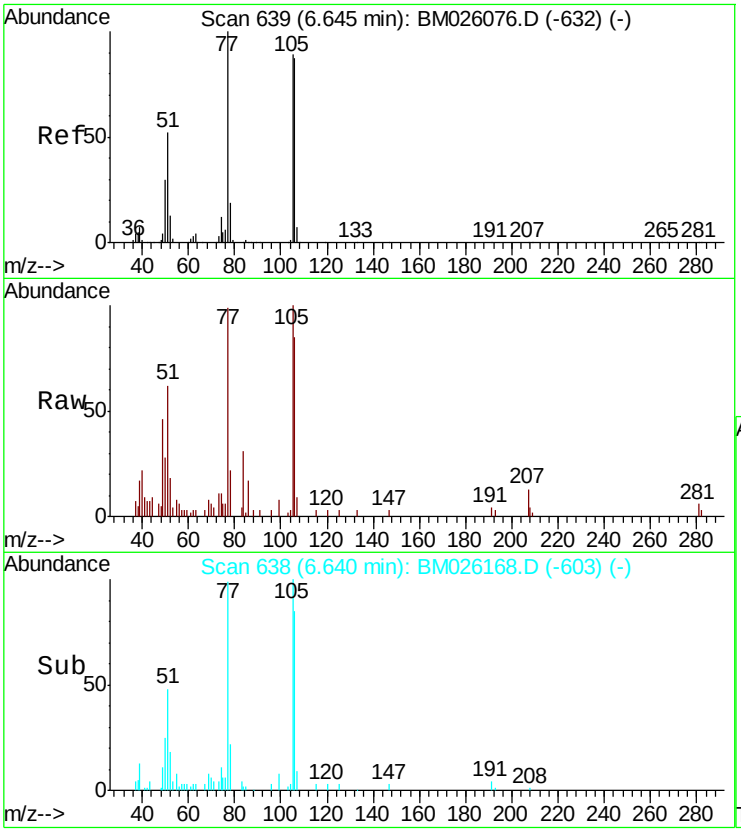
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026168.D
Acq On : 28 May 2020 22:56
Operator : MA/SJ
Sample : L2785-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 29 01:28:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 28 11:12:05 2020
Response via : Initial Calibration



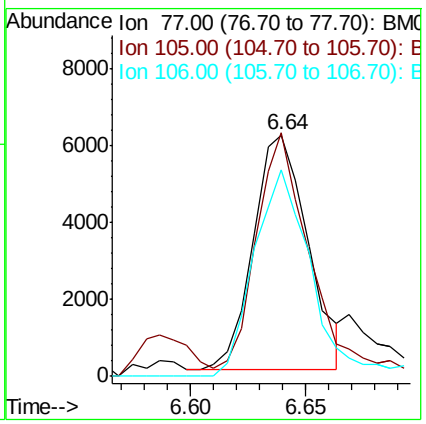


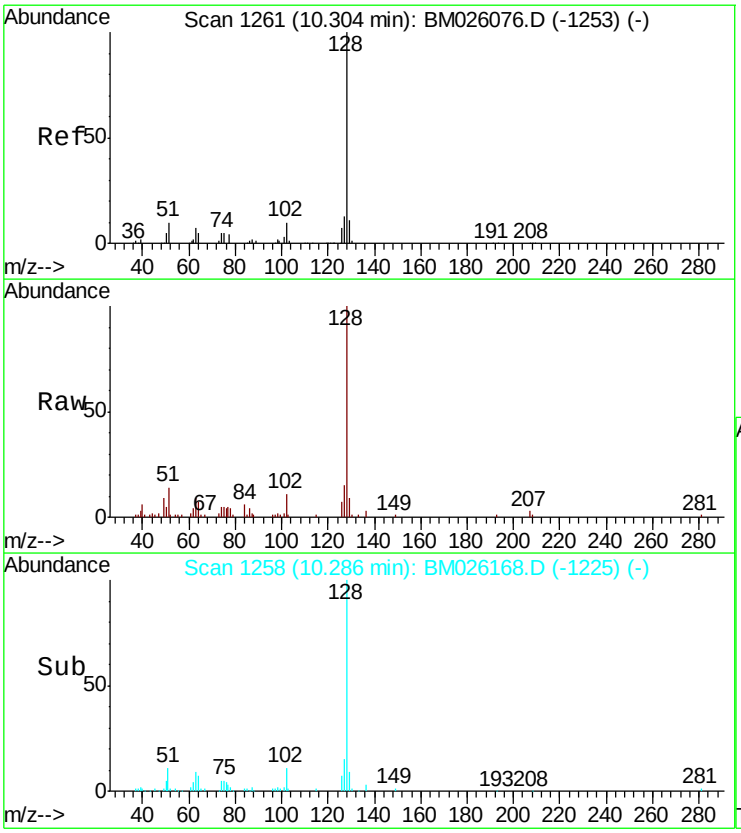
#4
Benzaldehyde
Concen: 1.105 ng/ul
RT: 6.64 min Scan# 638
Delta R.T. 0.01 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 10075

Ion	Ratio	Lower	Upper
77	100		
105	100.9	68.6	102.8
106	85.6	63.4	95.0

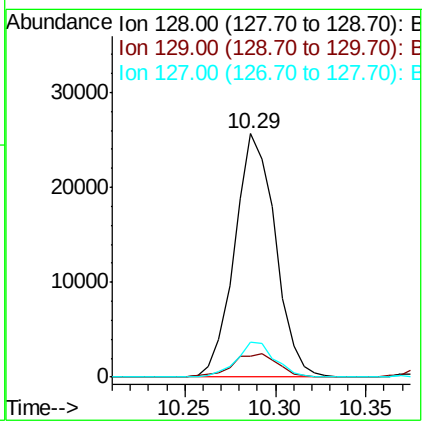


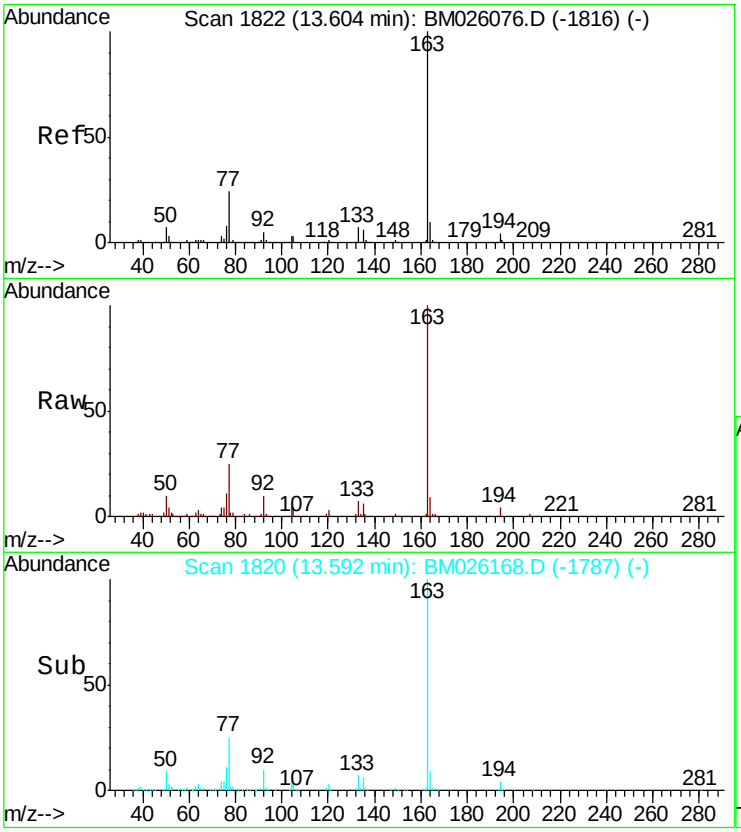


#28
Naphthalene
Concen: 1.026 ng/ul
RT: 10.29 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Tgt Ion:128 Resp: 40230

Ion	Ratio	Lower	Upper
128	100		
129	8.6	9.0	13.4#
127	14.5	10.6	15.8



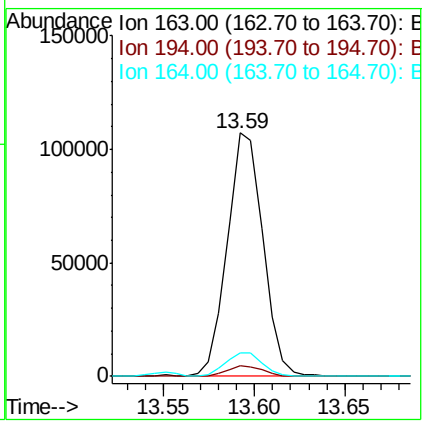


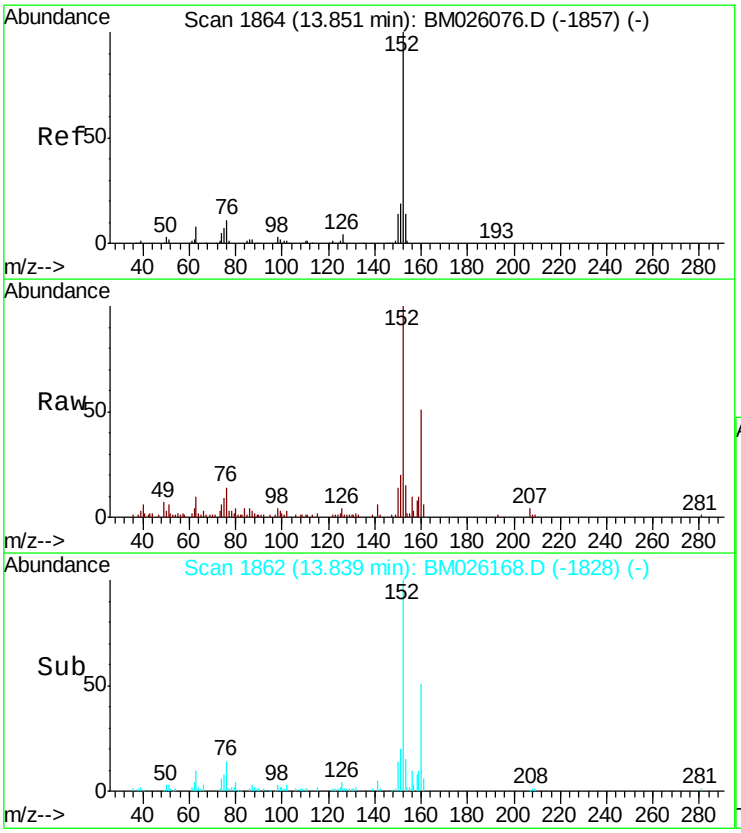
#45
Dimethylphthalate
Concen: 4.616 ng/ul
RT: 13.59 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 147177

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	9.5	8.0	12.0

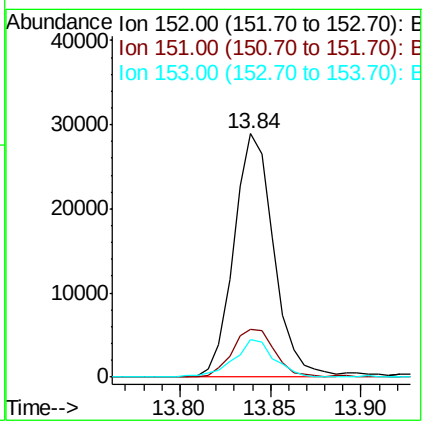


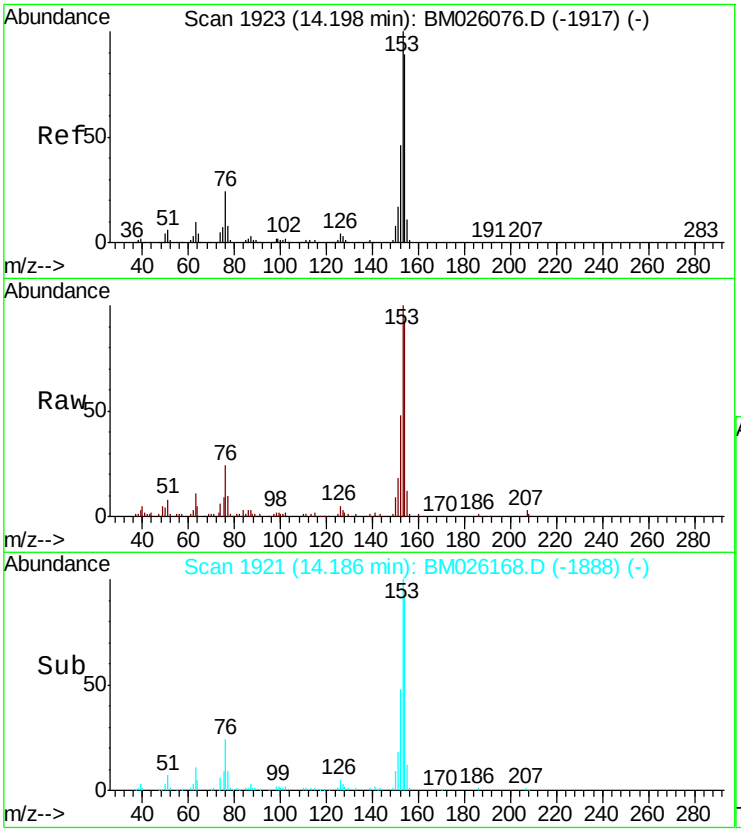


#48
Acenaphthylene
Concen: 1.121 ng/ul
RT: 13.84 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Tgt Ion:152 Resp: 44290

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	15.2	10.2	15.2



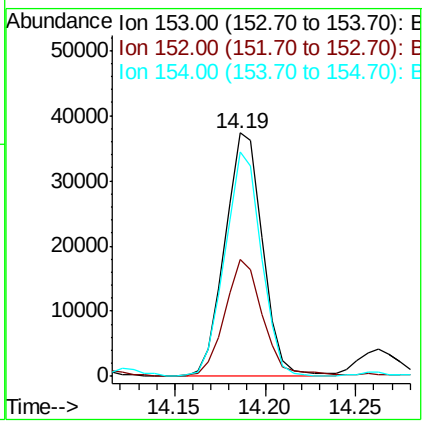


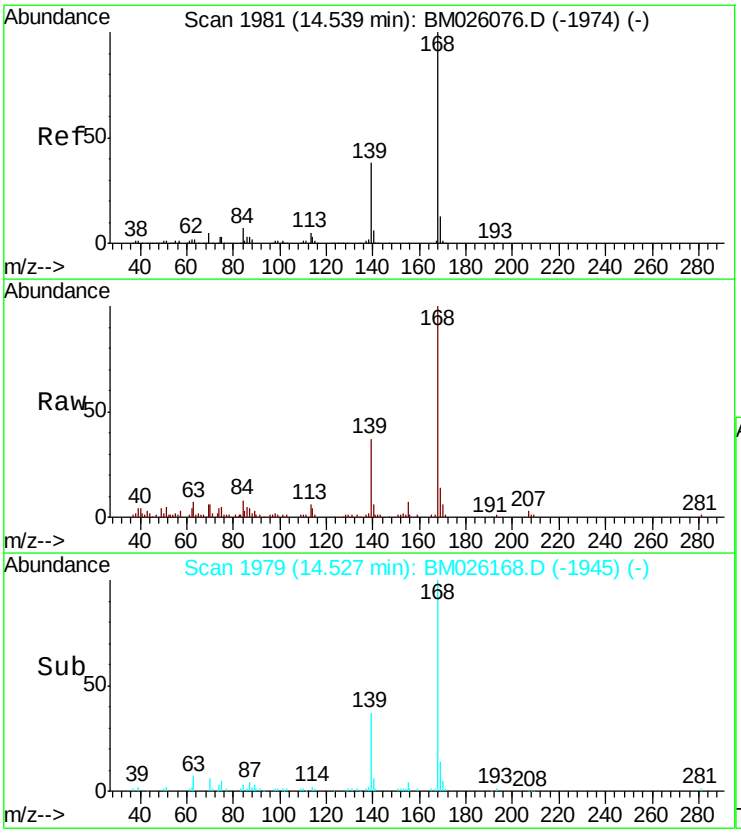
#50
Acenaphthene
Concen: 1.947 ng/ul
RT: 14.19 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 54251

Ion	Ratio	Lower	Upper
153	100		
152	48.0	37.2	55.8
154	92.0	69.8	104.8

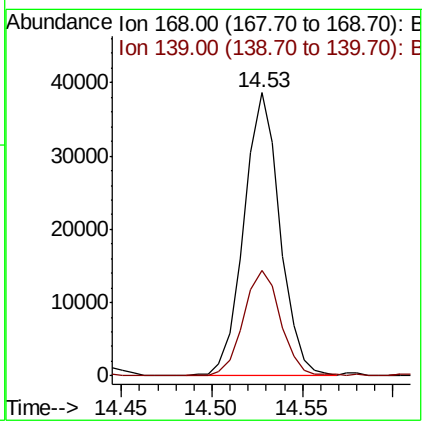


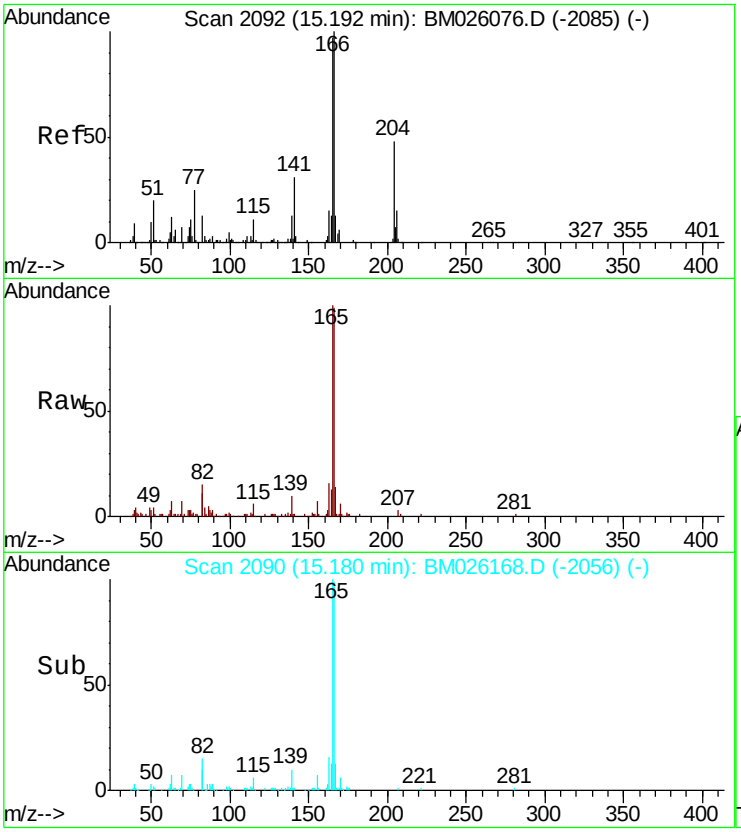


#54
Dibenzofuran
Concen: 1.364 ng/ul
RT: 14.53 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Tgt Ion:168 Resp: 53398

Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.7	46.1



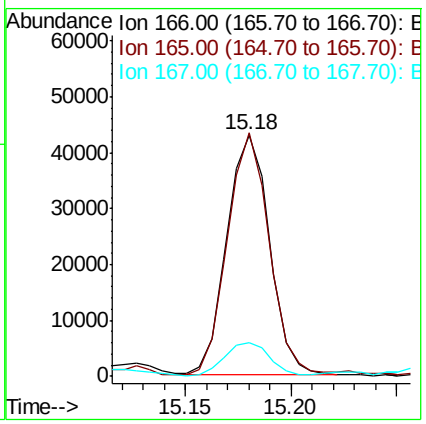


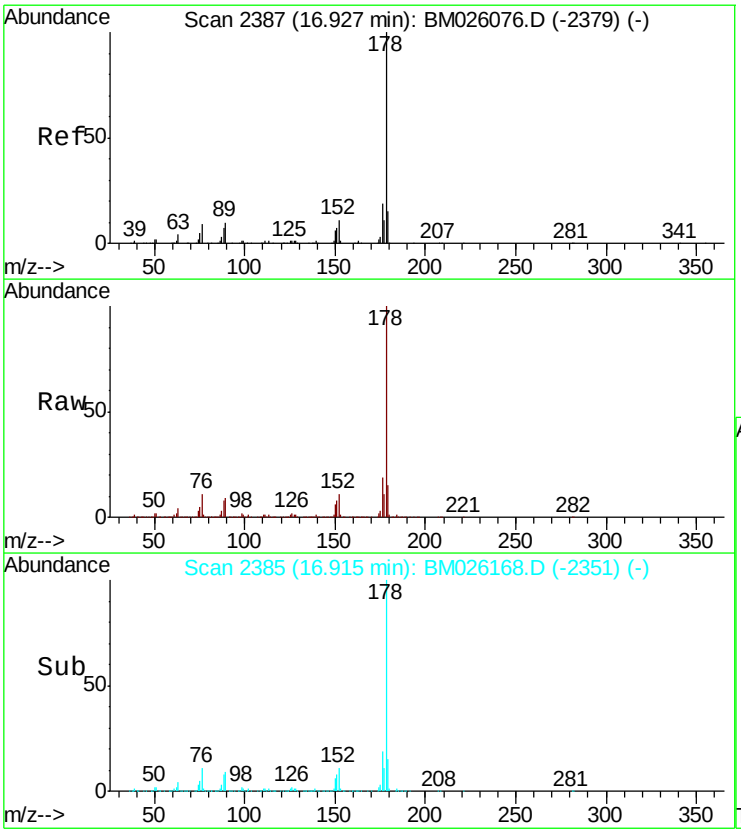
#59
Fluorene
Concen: 1.898 ng/ul
RT: 15.18 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 60123

Ion	Ratio	Lower	Upper
166	100		
165	100.9	77.3	115.9
167	14.0	10.6	16.0

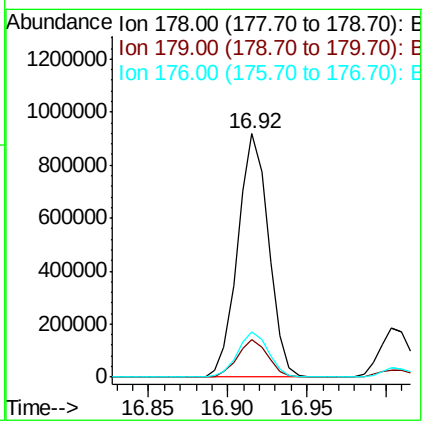


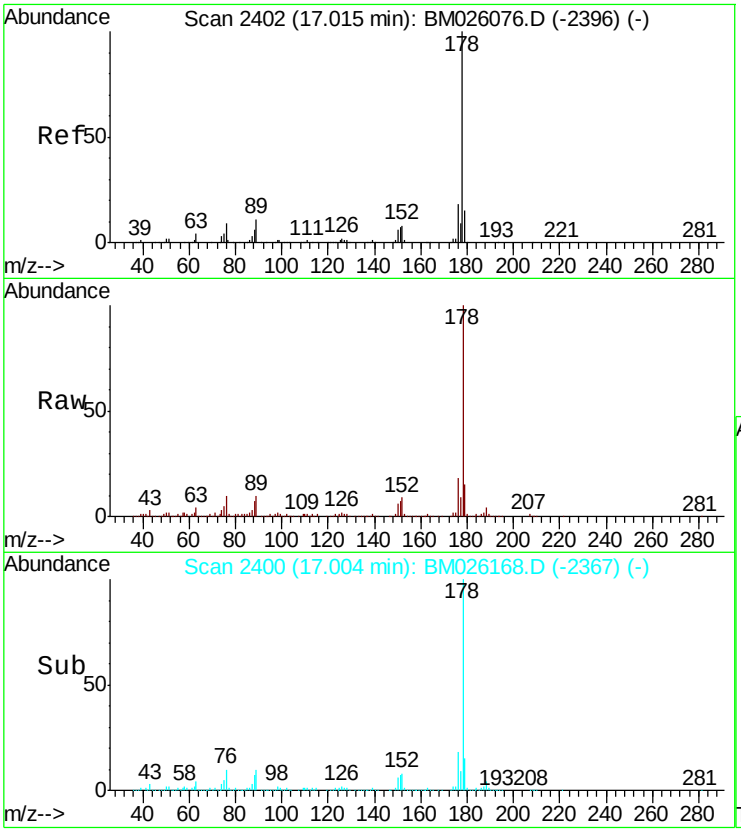


#70
Phenanthrene
Concen: 24.948 ng/ul
RT: 16.92 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Tgt Ion:178 Resp: 1238732

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.9	17.9
176	18.5	14.9	22.3



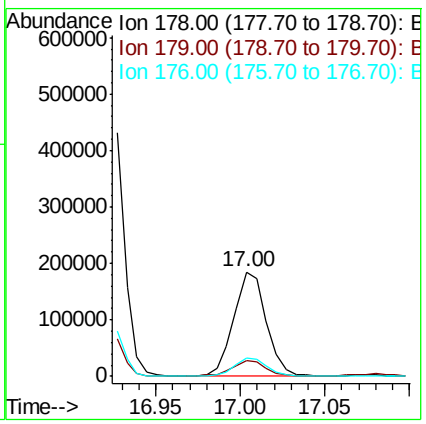


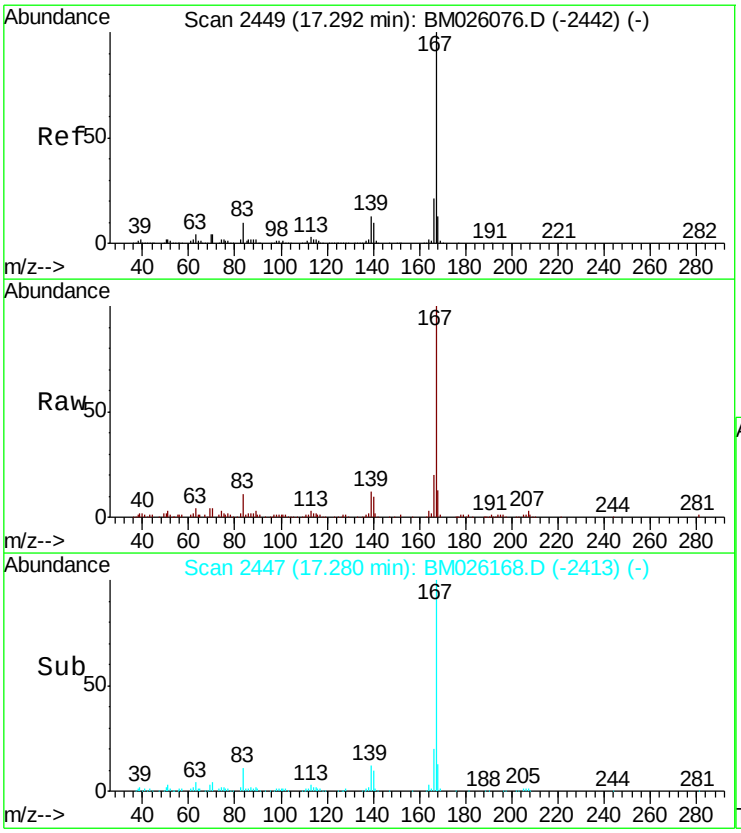
#72
Anthracene
Concen: 4.993 ng/ul
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 248741

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.4
176	18.0	14.9	22.3

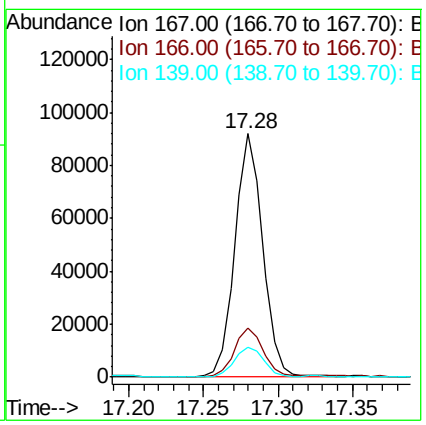


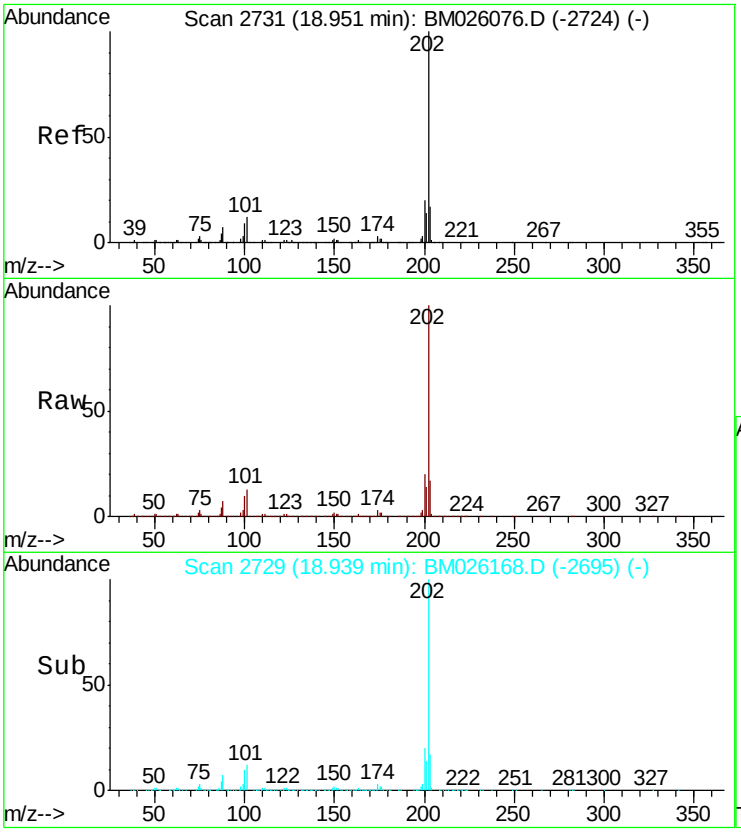


#75
Carbazole
Concen: 2.908 ng/ul
RT: 17.28 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Tgt Ion:167 Resp: 119835

Ion	Ratio	Lower	Upper
167	100		
166	20.0	16.6	25.0
139	12.4	10.8	16.2



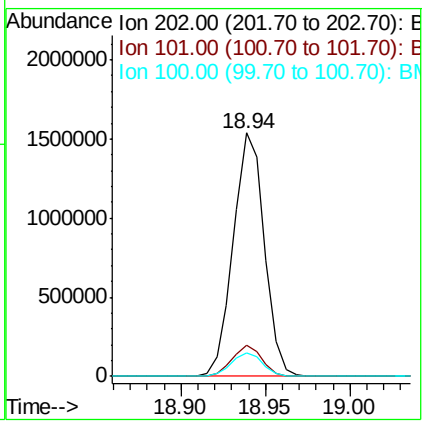


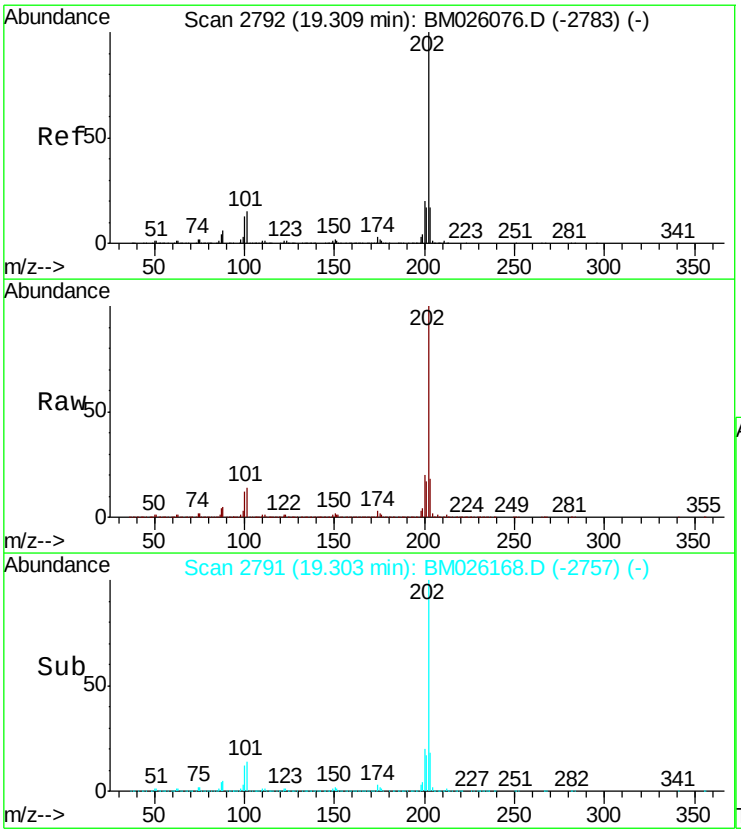
#77
Fluoranthene
Concen: 37.868 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1972299

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.5	14.3
100	9.9	7.6	11.4

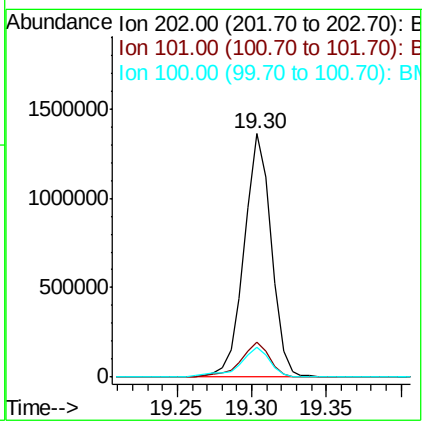


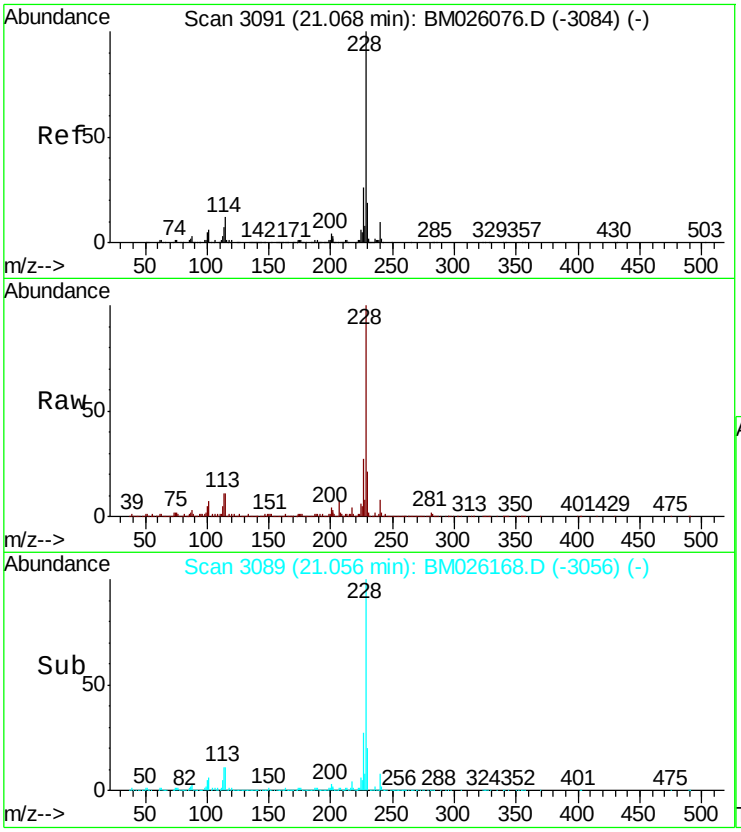


#80
Pyrene
Concen: 28.745 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Tgt Ion:202 Resp: 1697822

Ion	Ratio	Lower	Upper
202	100		
101	14.5	12.2	18.4
100	12.0	10.2	15.4



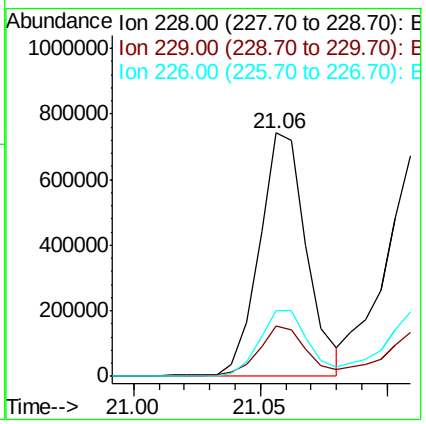


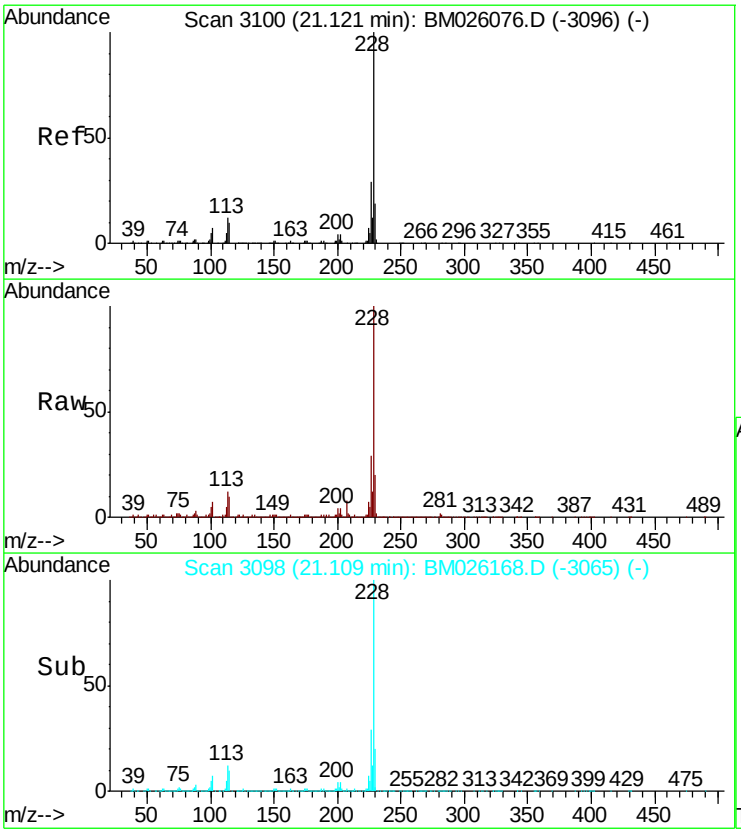
#83
Benzo(a)anthracene
Concen: 16.636 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 964740

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.5	23.3
226	27.0	21.2	31.8

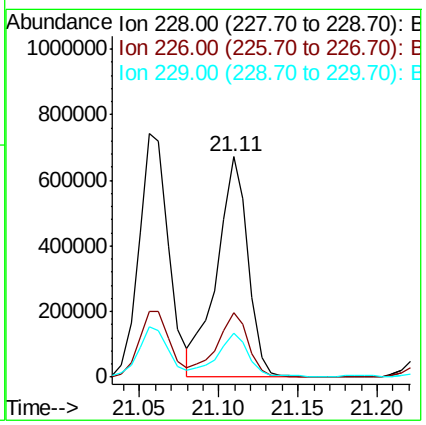


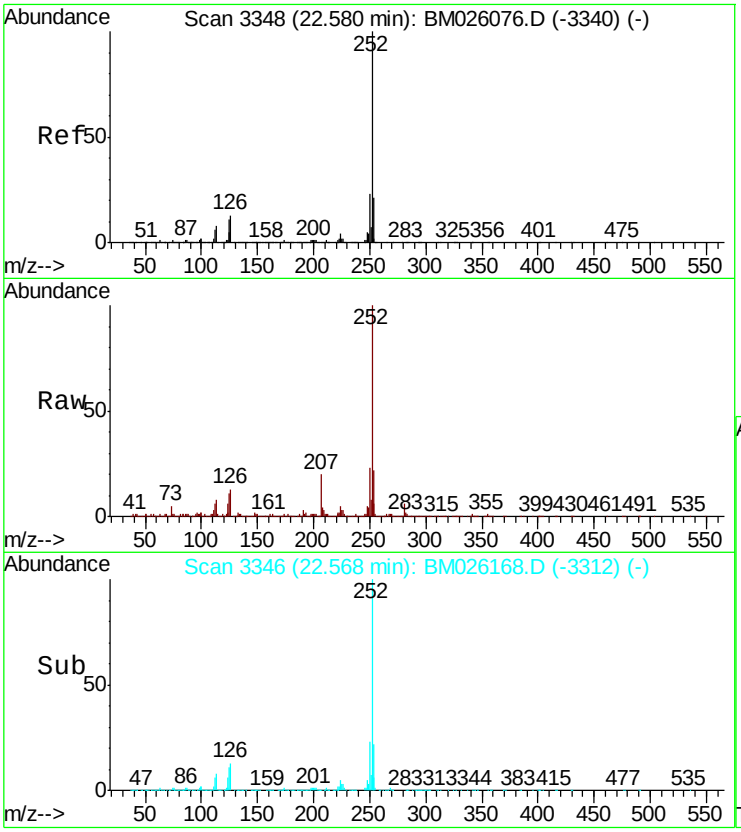


#85
Chrysene
Concen: 15.896 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Tgt Ion:228 Resp: 916272

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.6
229	19.8	15.5	23.3



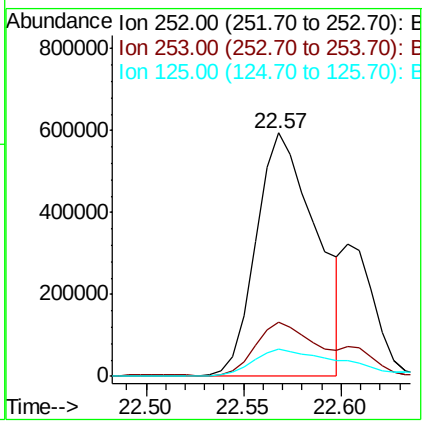


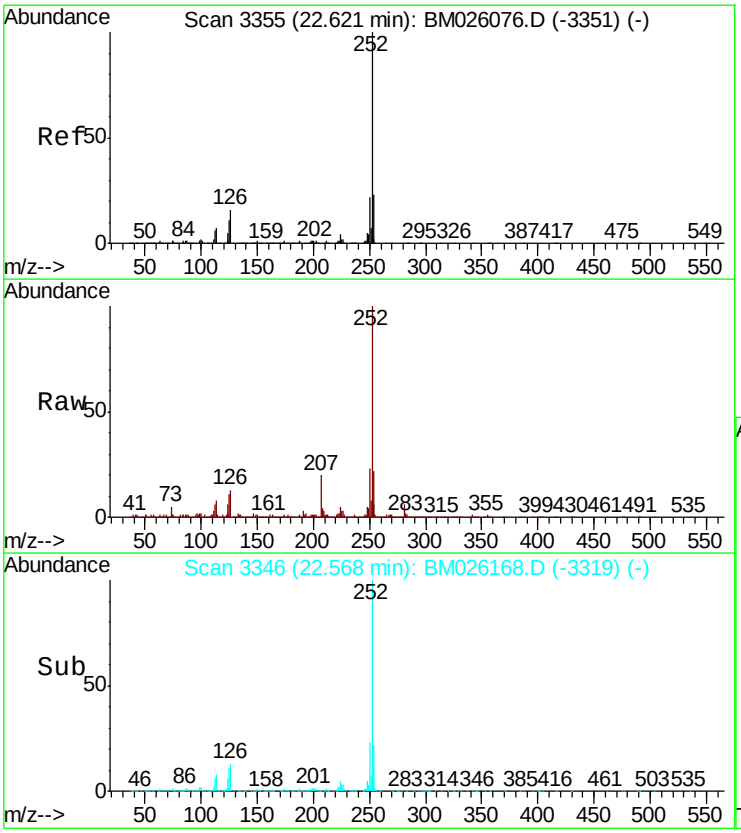
#88
Benzo(b)fluoranthene
Concen: 21.028 ng/ul
RT: 22.57 min Scan# 3346
Delta R.T. -0.00 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1266229

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	11.2	8.9	13.3

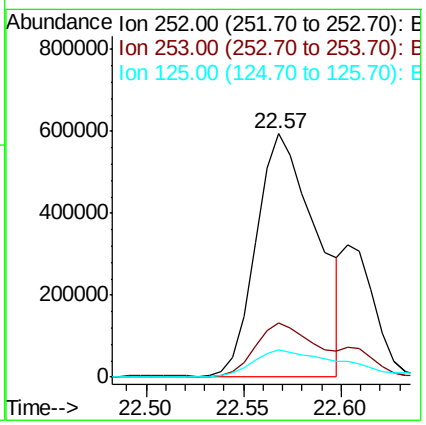


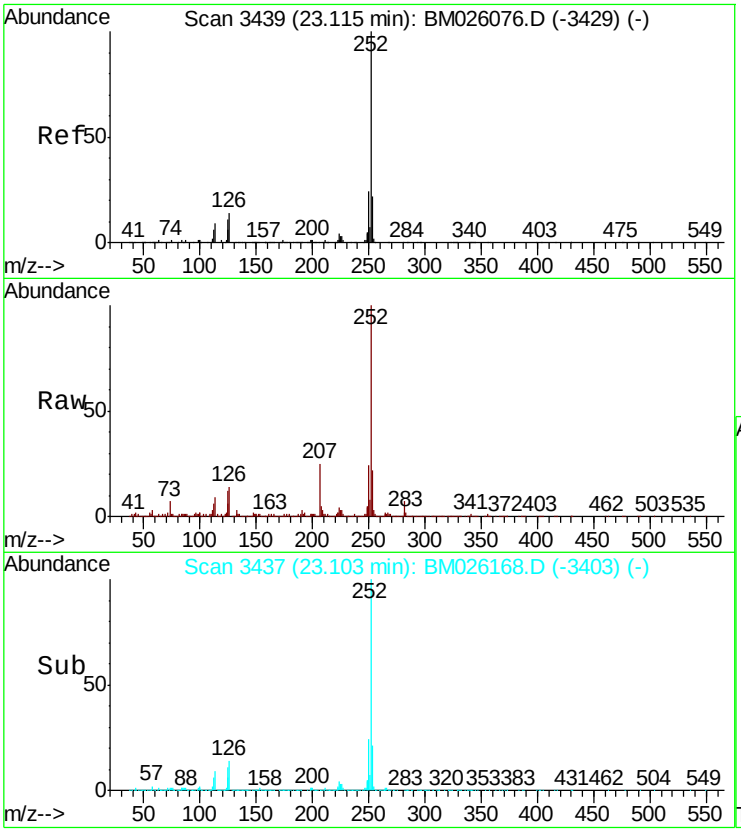


#89
Benzo(k)fluoranthene
Concen: 21.052 ng/ul
RT: 22.57 min Scan# 3346
Delta R.T. -0.04 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Tgt Ion:252 Resp: 1266229

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	11.2	8.6	13.0



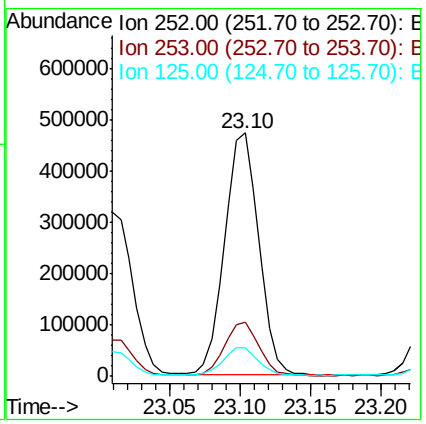


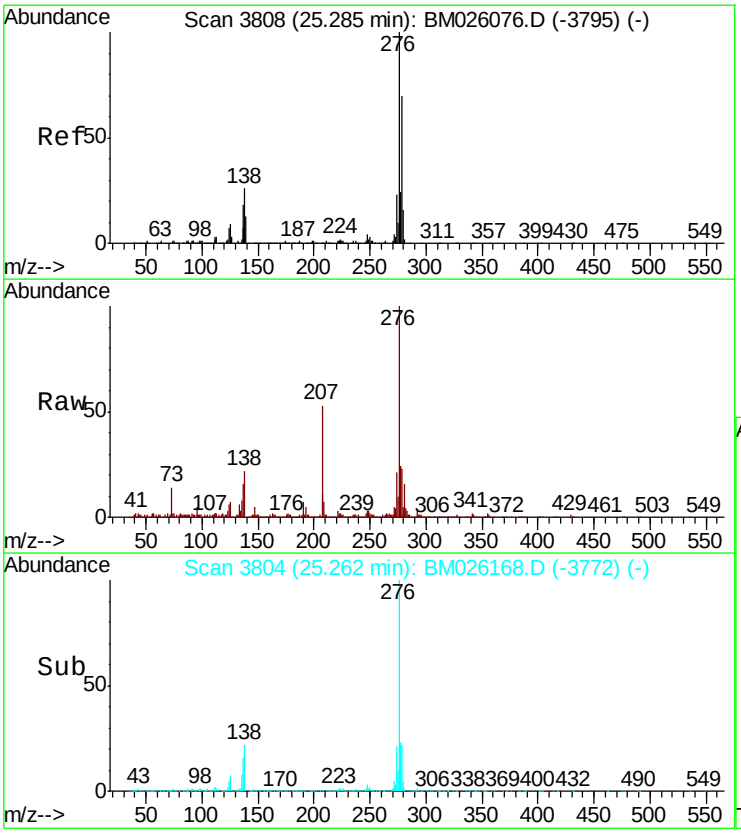
#91
Benzo(a)pyrene
Concen: 15.016 ng/ul
RT: 23.10 min Scan# 3437
Delta R.T. -0.00 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 795767

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	11.7	9.8	14.6

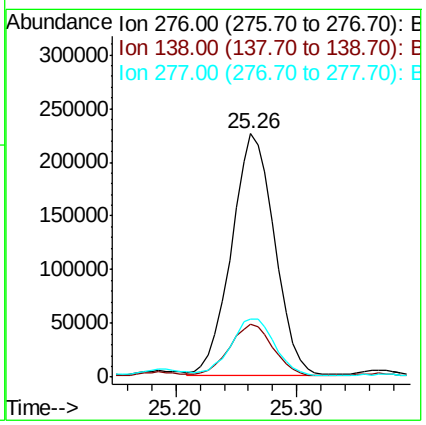


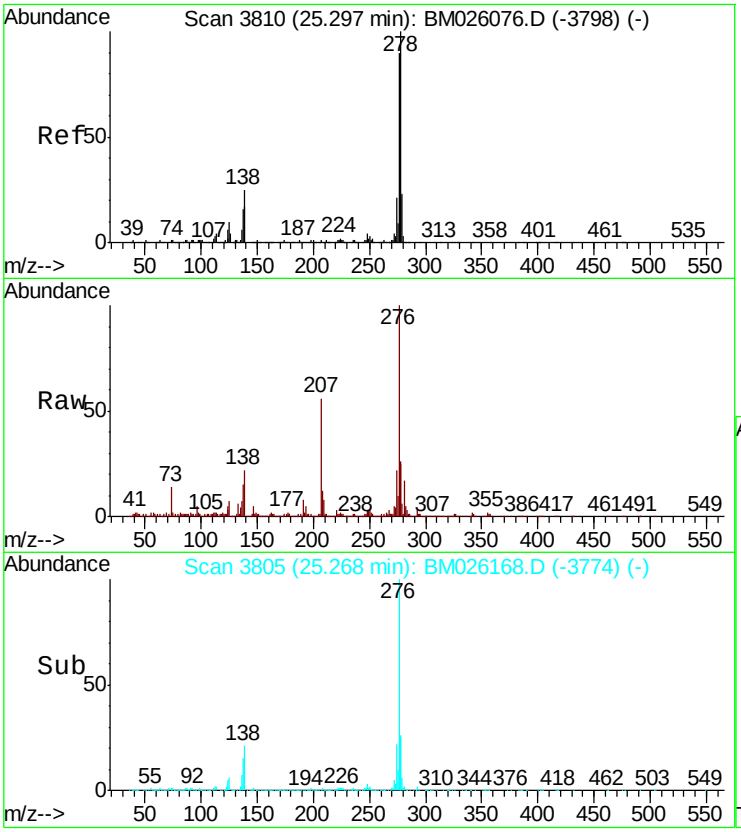


#92
Indeno(1,2,3-cd)pyrene
Concen: 8.155 ng/ul
RT: 25.26 min Scan# 3804
Delta R.T. -0.01 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Tgt Ion:276 Resp: 560851

Ion	Ratio	Lower	Upper
276	100		
138	21.7	21.6	32.4
277	23.6	20.3	30.5



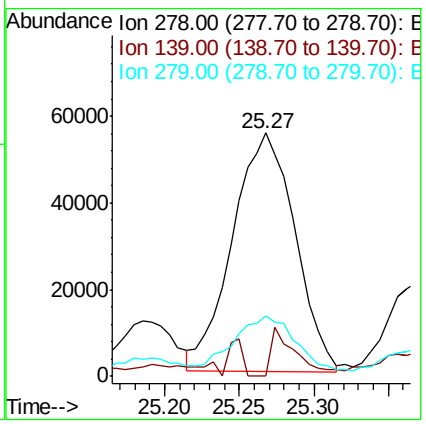


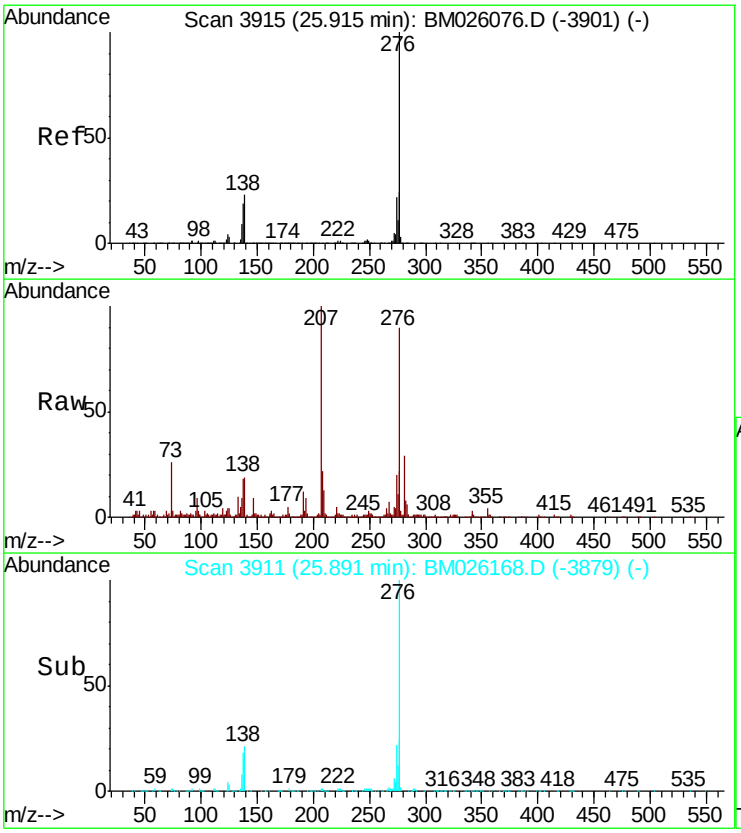
#93
Dibenzo(a,h)anthracene
Concen: 2.746 ng/ul
RT: 25.27 min Scan# 3805
Delta R.T. -0.02 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 159919

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.5	20.3#
279	25.1	18.8	28.2





#94
Benzo(g,h,i)perylene
Concen: 5.395 ng/ul
RT: 25.89 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BM026168.D
Acq: 28 May 2020 22:56

Tgt Ion:276 Resp: 309721

Ion	Ratio	Lower	Upper
276	100		
138	21.1	18.7	28.1
277	24.6	18.8	28.2