Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026966.D
Acq On : 31 Jul 2020 19:54
Operator : JU/CG
Sample : L3424-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 00:47:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 00:45:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	111148	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	433028	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	265630	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	539007	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	544361	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	540557	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	1145	0.47	ng/uL	0.00
5) Phenol-d5	6.84	99	37628	3.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	26557	4.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	28841	3.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	30043	4.01	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	14405	4.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	13474	4.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	29986	4.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	17467	1.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	86970	4.18	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	112603	4.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	8898	2.53	ng/ul	0.00
58) Fluorene-d10	15.29	176	76221	4.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	7812	3.25	ng/ul	0.00
71) Anthracene-d10	17.13	188	118169	4.39	ng/ul	0.00
79) Pyrene-d10	19.43	212	121067	4.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	122931	4.03	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.48	128	229459	9.485	ng/ul	97
30) 4-Chloroaniline	10.48	127	29438	3.321	ng/ul#	1
34) 2-Methylnaphthalene	12.10	142	57766	3.377	ng/ul	99
35) 1-Methylnaphthalene	12.32	142	22476	1.345	ng/ul	98
48) Acenaphthylene	14.01	152	552743	20.525	ng/ul	99
50) Acenaphthene	14.35	153	33446	1.803	ng/ul	97
54) Dibenzofuran	14.69	168	92118	3.582	ng/ul	98
59) Fluorene	15.34	166	30537	1.410	ng/ul	96
70) Phenanthrene	17.08	178	324345	9.913	ng/ul	100
72) Anthracene	17.17	178	862245	25.640	ng/ul	99
75) Carbazole	17.44	167	104361	3.511	ng/ul	97
77) Fluoranthene	19.10	202	1786755	46.251	ng/ul	98
80) Pyrene	19.46	202	2414554	60.966	ng/ul	98
83) Benzo(a)anthracene	21.27	228	2105839	56.125	ng/ul	94
85) Chrysene	21.27	228	2105839	57.553	ng/ul	97
88) Benzo(b)fluoranthene	22.81	252	6609313	170.919	ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	2388545	64.370	ng/ul	98
91) Benzo(a)pyrene	23.35	252	2071928	59.379	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.68	276	2965624	68.510	ng/ul	95
93) Dibenzo(a,h)anthracene	25.76	278	189982	5.189	ng/ul	97
94) Benzo(g,h,i)perylene	26.34	276	1023586	28.597	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026966.D
Acq On : 31 Jul 2020 19:54
Operator : JU/CG
Sample : L3424-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 01 00:47:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 00:45:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026966.D
Acq On : 31 Jul 2020 19:54
Operator : JU/CG
Sample : L3424-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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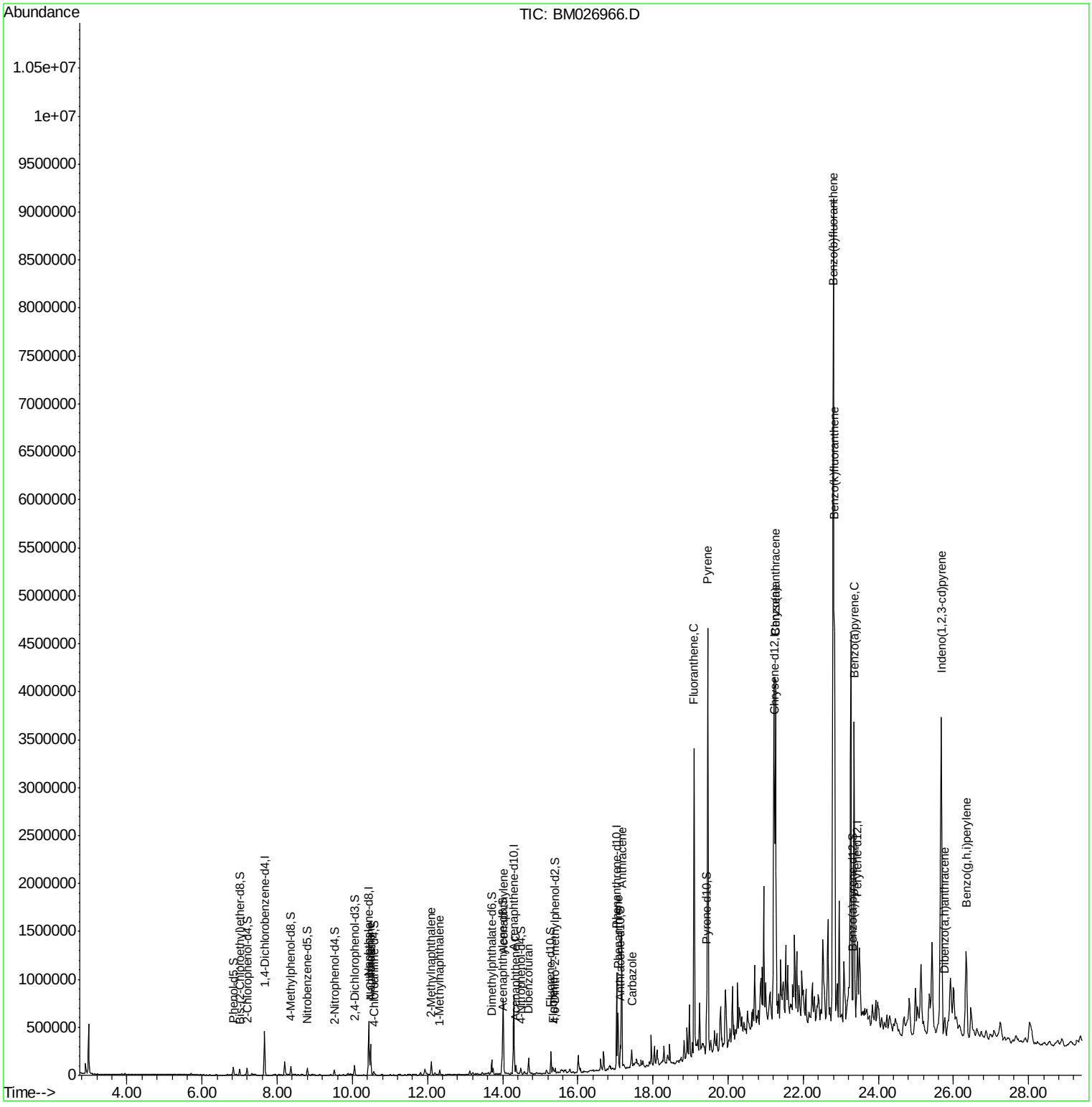
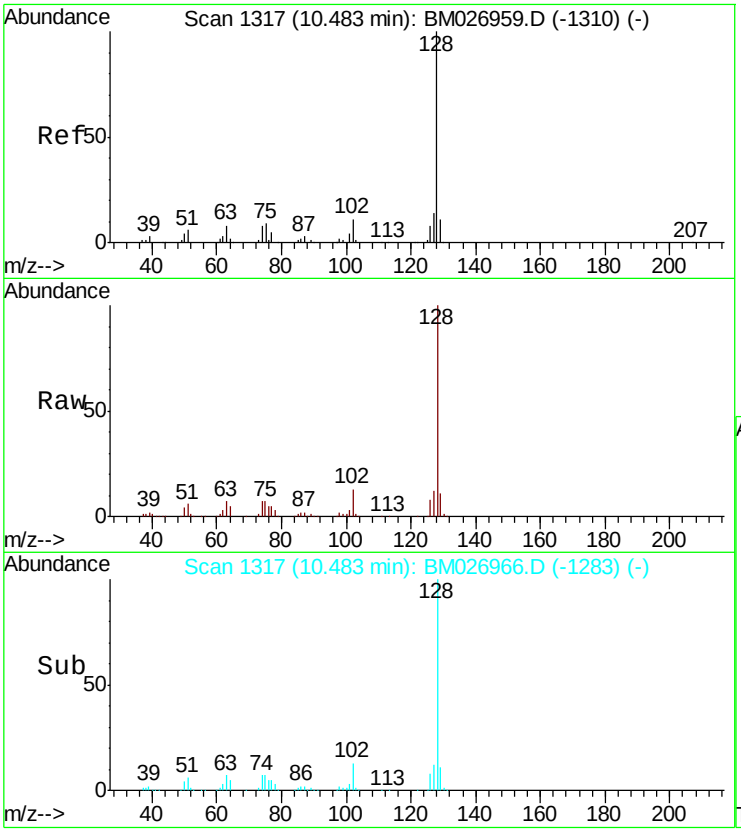
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 00:45:52 2020
Response via : Initial Calibration



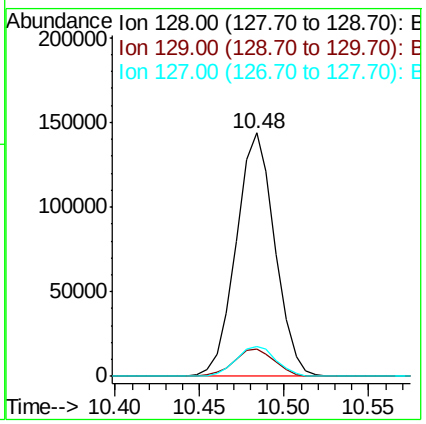


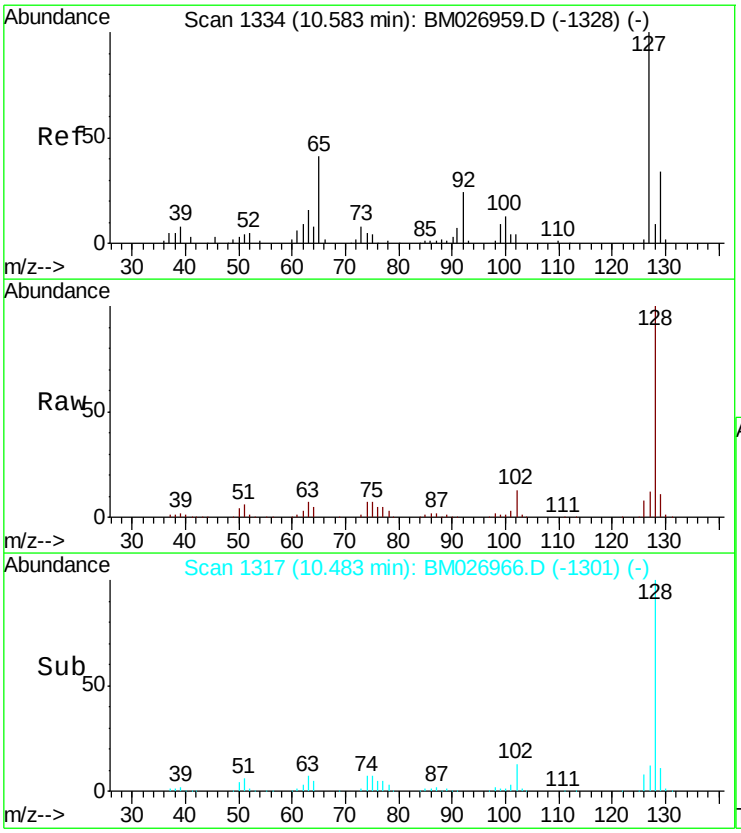
#28
Naphthalene
Concen: 9.485 ng/ul
RT: 10.48 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 229459

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.3	12.5
127	12.2	11.0	16.6

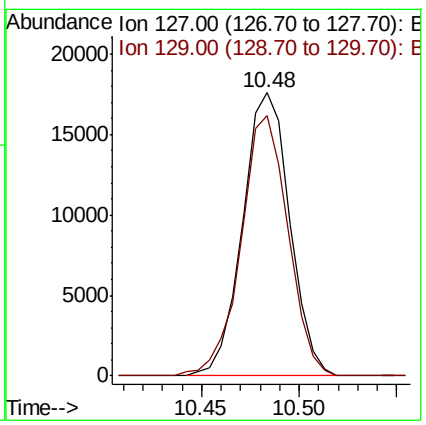


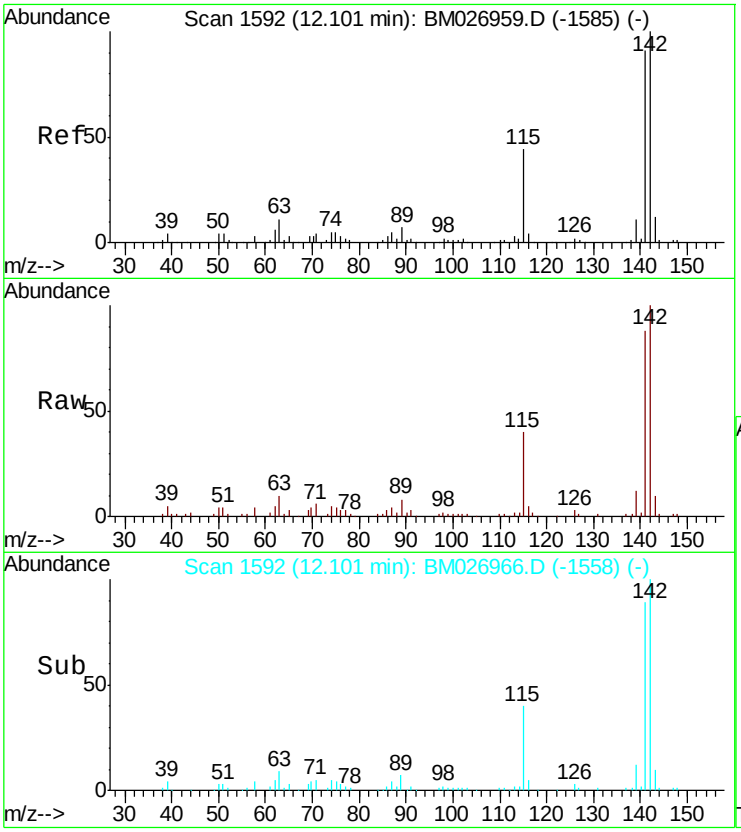


#30
4-Chloroaniline
Concen: 3.321 ng/ul
RT: 10.48 min Scan# 1317
Delta R.T. -0.11 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Tgt Ion:127 Resp: 29438

Ion	Ratio	Lower	Upper
127	100		
129	92.1	24.3	36.5#



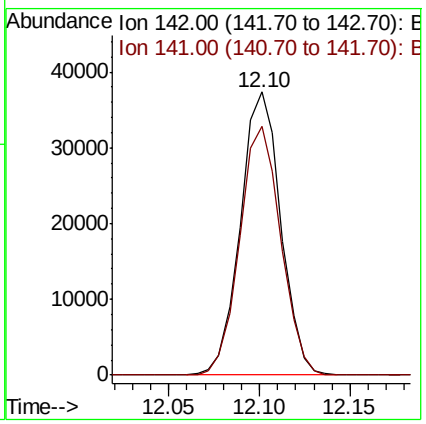


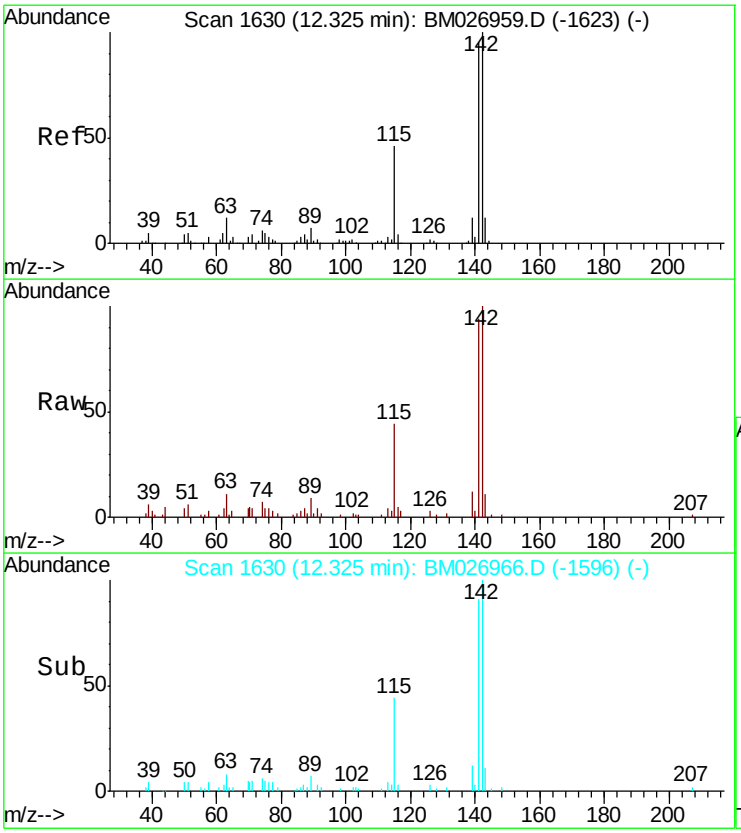
#34
2-Methylnaphthalene
Concen: 3.377 ng/ul
RT: 12.10 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 57766

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.1	106.7

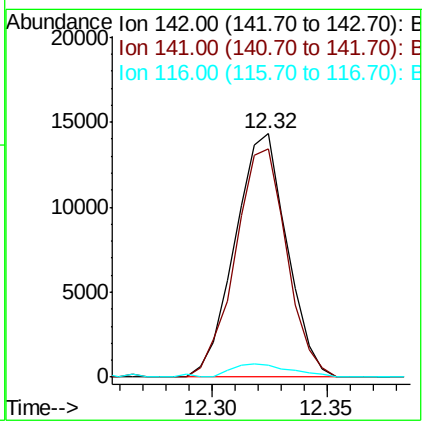


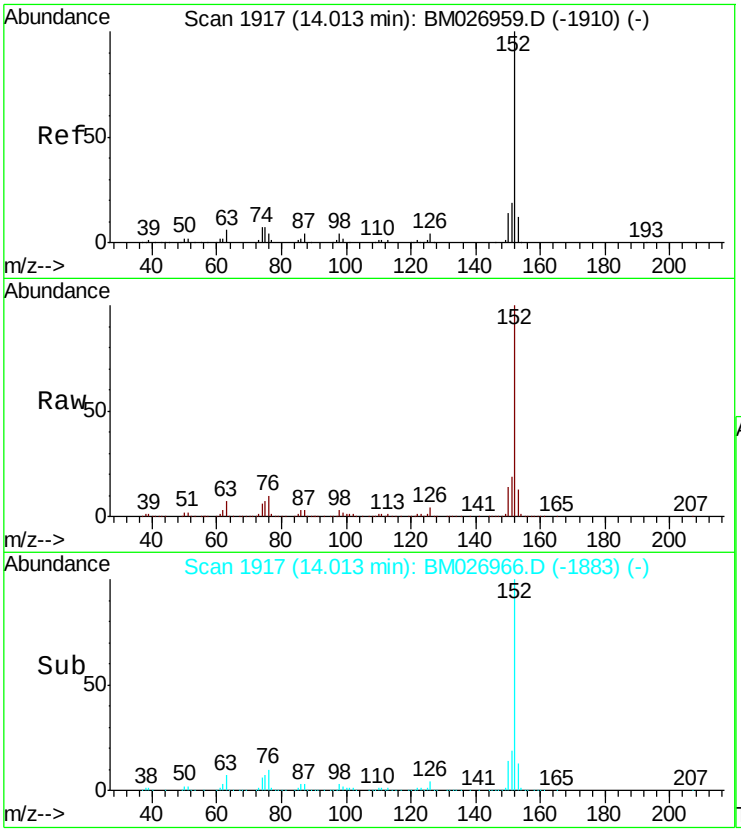


#35
1-Methylnaphthalene
Concen: 1.345 ng/ul
RT: 12.32 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Tgt Ion:142 Resp: 22476

Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.3	109.9
116	4.8	3.4	5.0



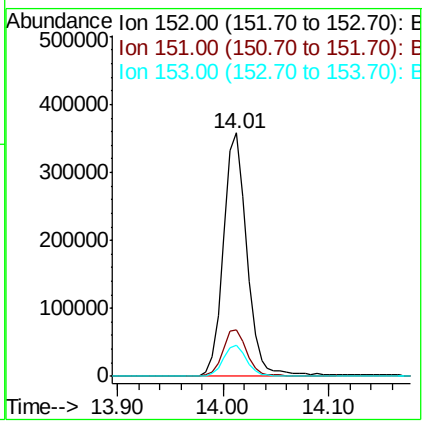


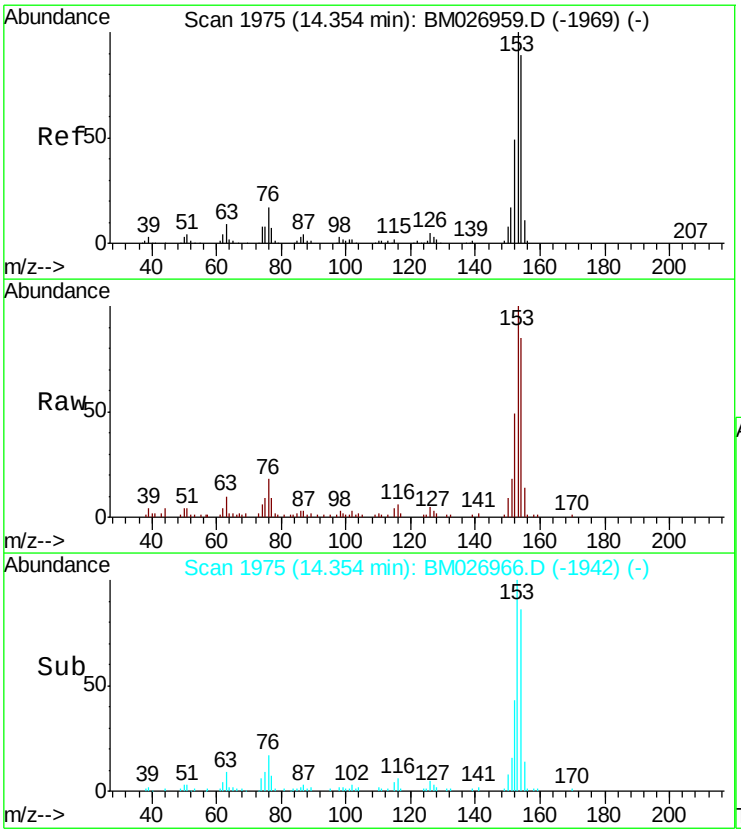
#48
Acenaphthylene
Concen: 20.525 ng/ul
RT: 14.01 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 552743

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.6
153	13.0	10.7	16.1

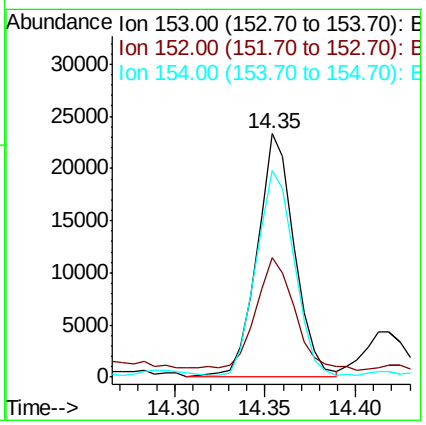


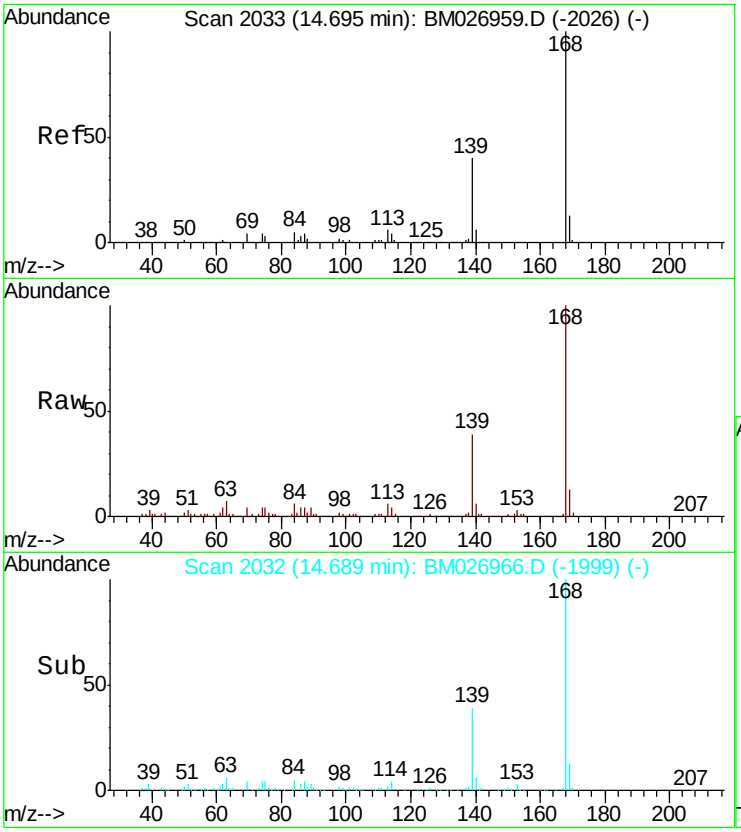


#50
Acenaphthene
Concen: 1.803 ng/ul
RT: 14.35 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Tgt Ion:153 Resp: 33446

Ion	Ratio	Lower	Upper
153	100		
152	49.2	37.8	56.6
154	84.9	70.5	105.7



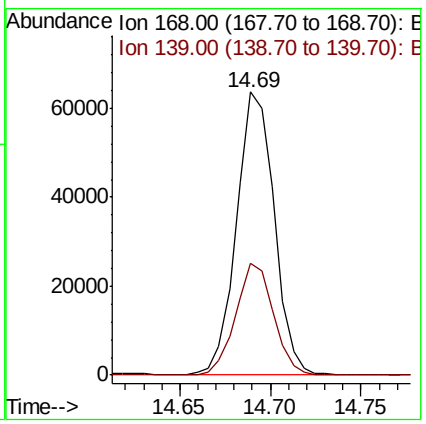


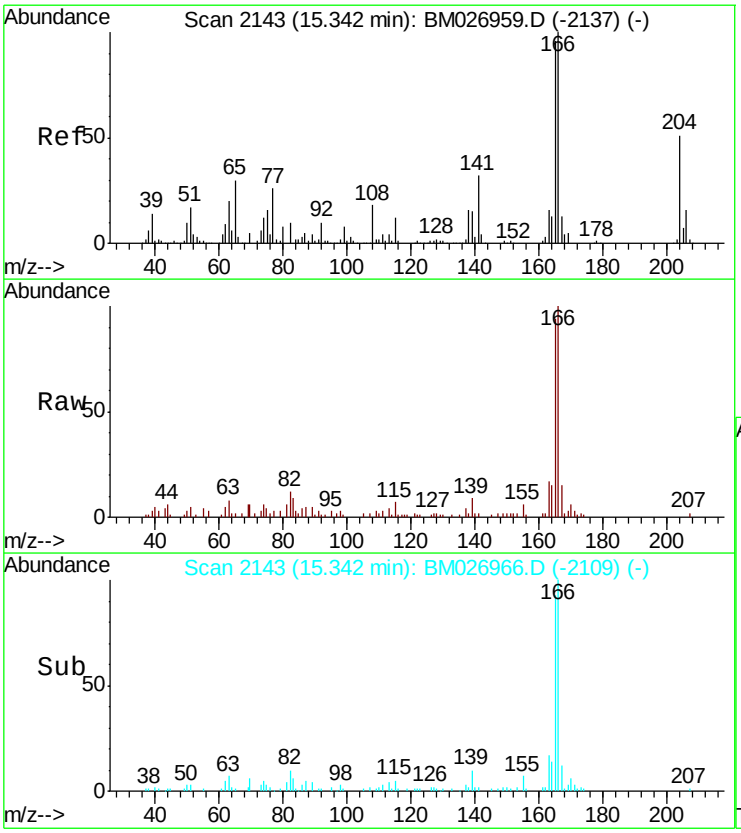
#54
Dibenzofuran
Concen: 3.582 ng/ul
RT: 14.69 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 92118

Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.8	46.2

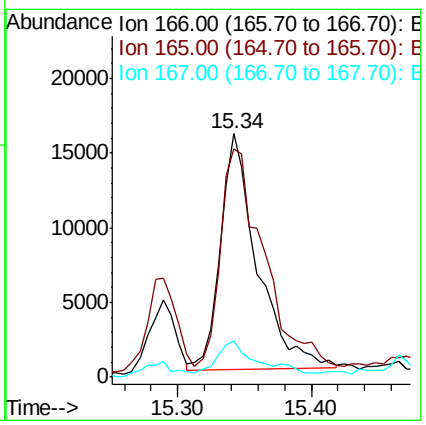


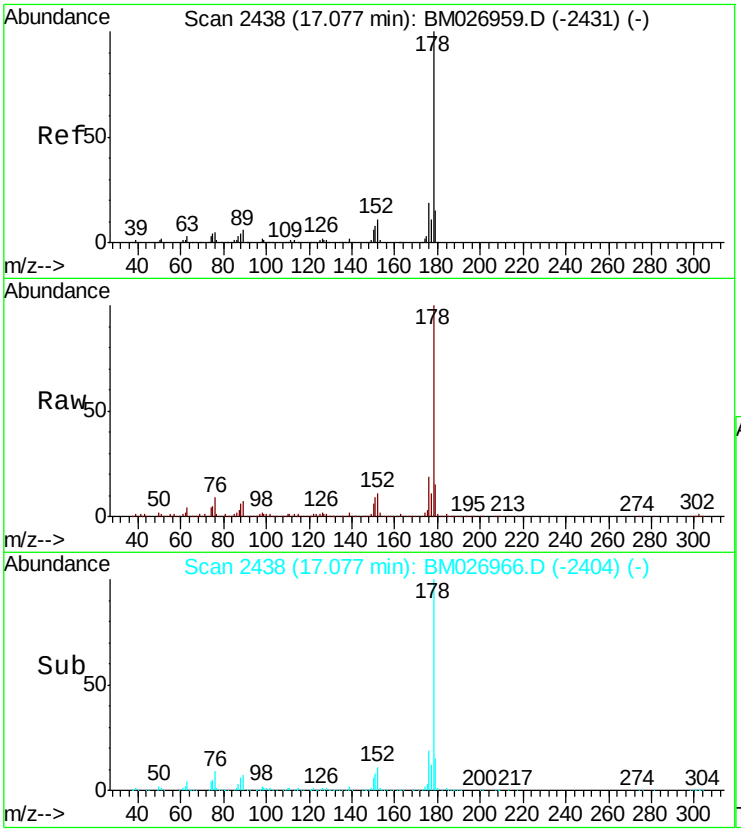


#59
Fluorene
Concen: 1.410 ng/ul
RT: 15.34 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Tgt Ion:166 Resp: 30537

Ion	Ratio	Lower	Upper
166	100		
165	93.9	78.2	117.2
167	14.7	10.3	15.5



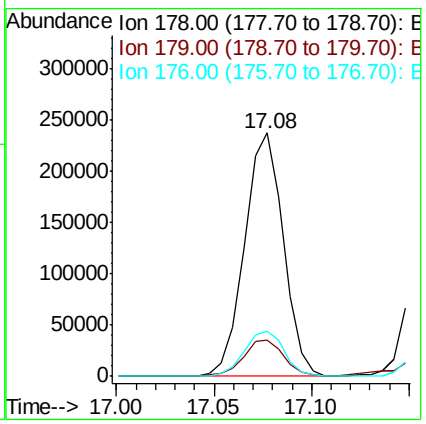


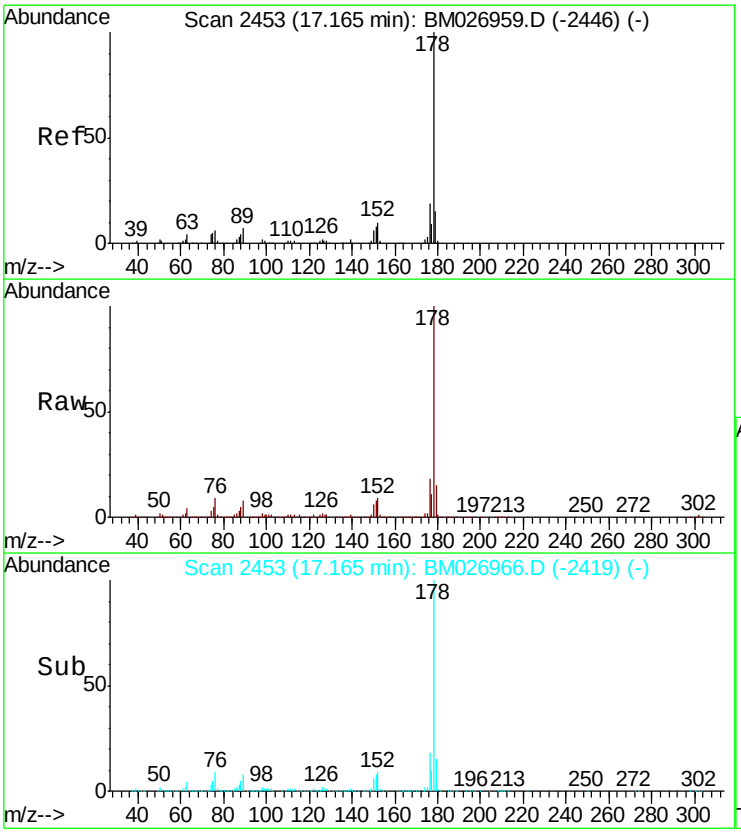
#70
Phenanthrene
Concen: 9.913 ng/ul
RT: 17.08 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 324345

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.0	18.0
176	18.6	14.7	22.1

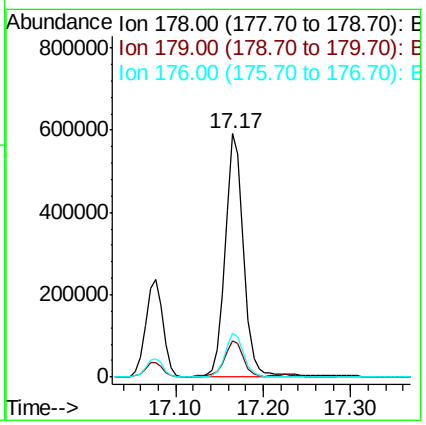


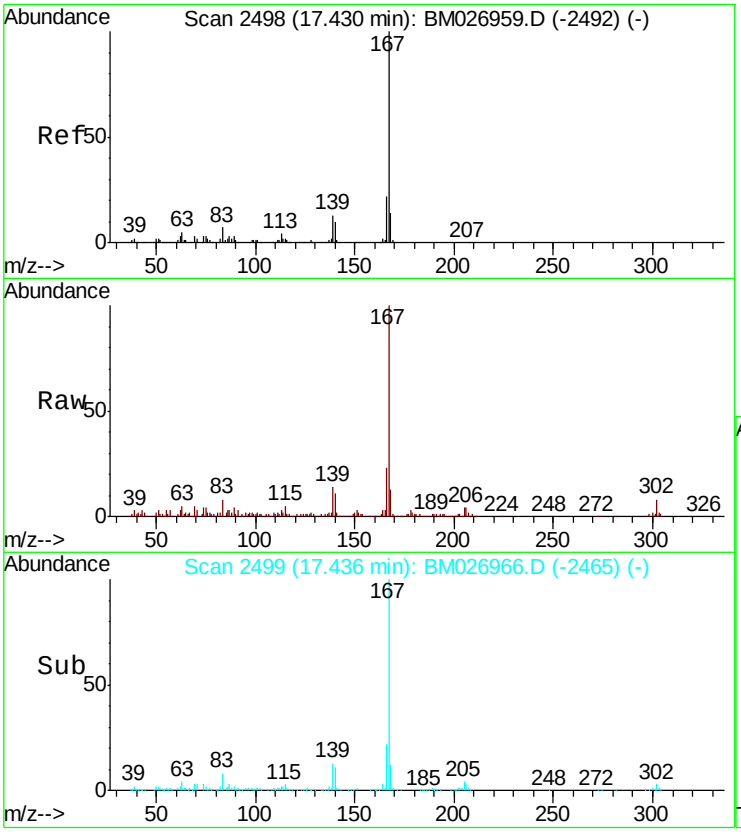


#72
Anthracene
Concen: 25.640 ng/ul
RT: 17.17 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Tgt Ion:178 Resp: 862245

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.8	17.6
176	18.0	15.0	22.6



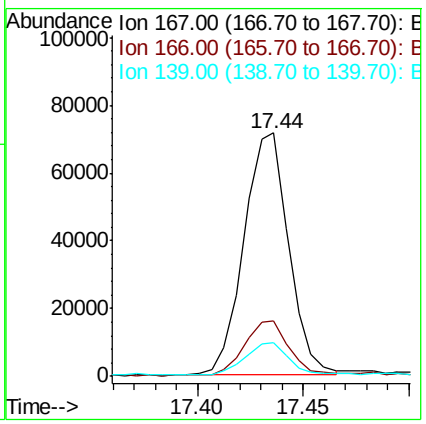


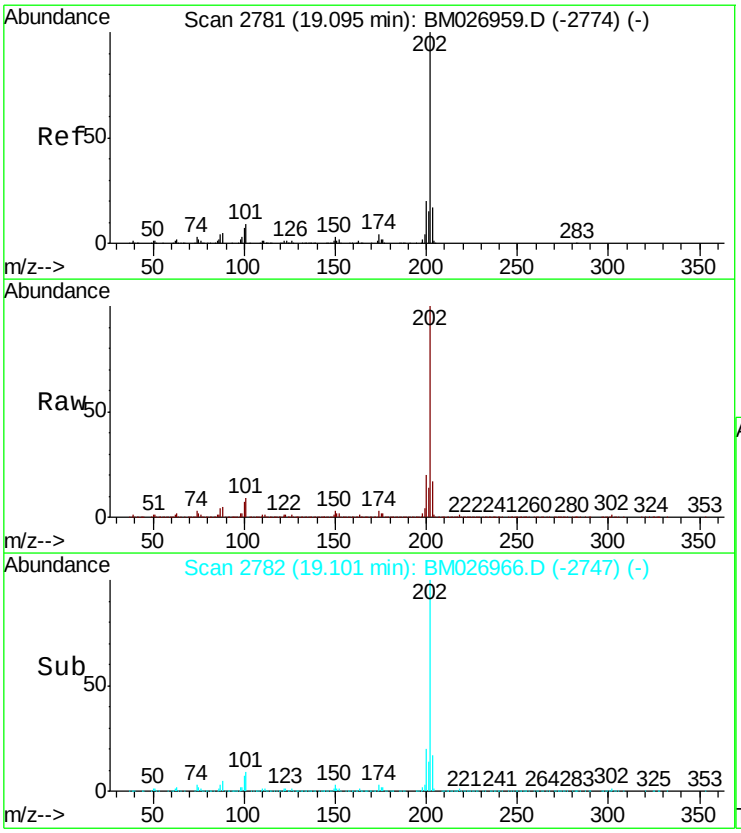
#75
Carbazole
Concen: 3.511 ng/ul
RT: 17.44 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 104361

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.1	25.7
139	13.9	10.1	15.1

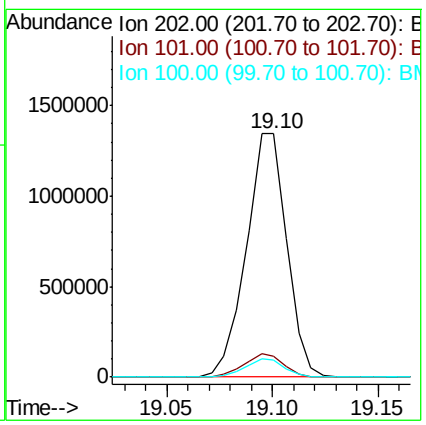


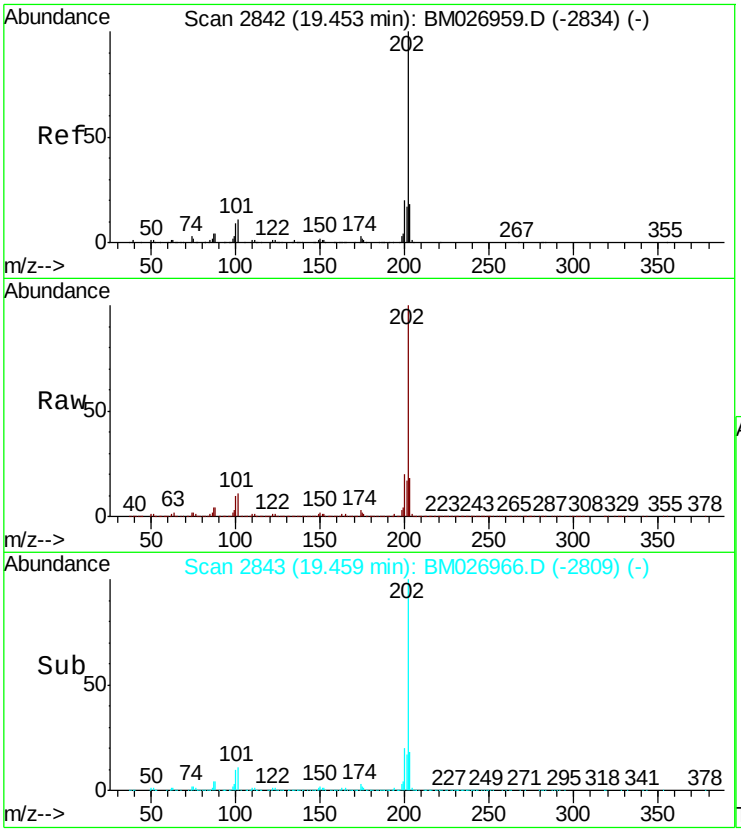


#77
Fluoranthene
Concen: 46.251 ng/ul
RT: 19.10 min Scan# 2782
Delta R.T. 0.01 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Tgt Ion:202 Resp: 1786755

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.7	11.5
100	6.9	6.2	9.4



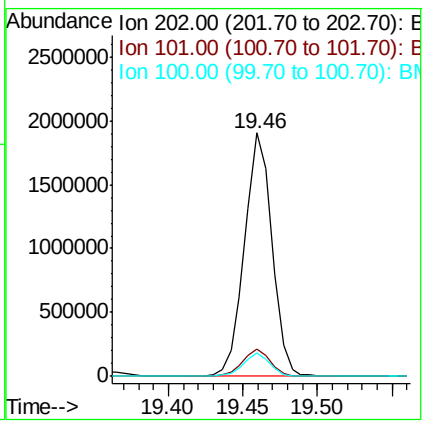


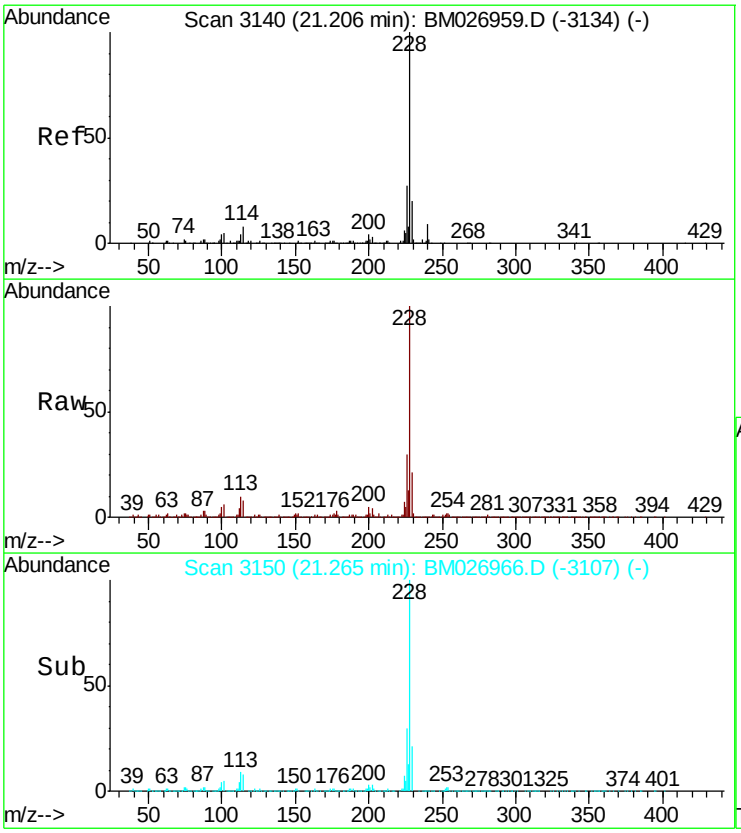
#80
Pyrene
Concen: 60.966 ng/ul
RT: 19.46 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2414554

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.4	14.2
100	9.6	8.2	12.4

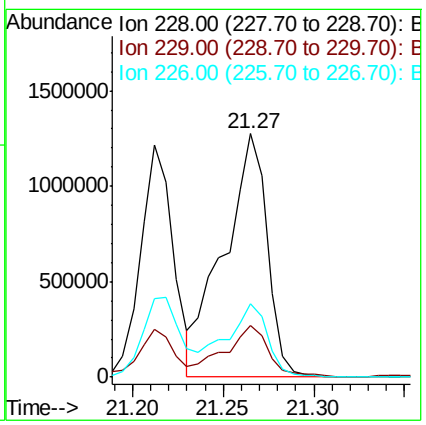


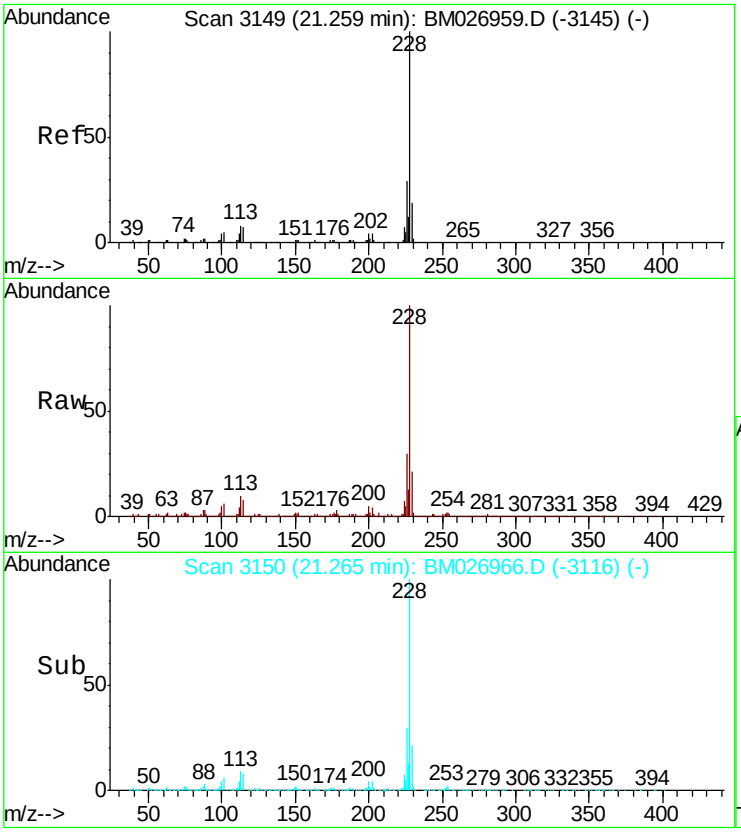


#83
Benzo(a)anthracene
Concen: 56.125 ng/ul
RT: 21.27 min Scan# 3150
Delta R.T. 0.05 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Tgt Ion:228 Resp: 2105839

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.4	23.2
226	30.0	20.9	31.3



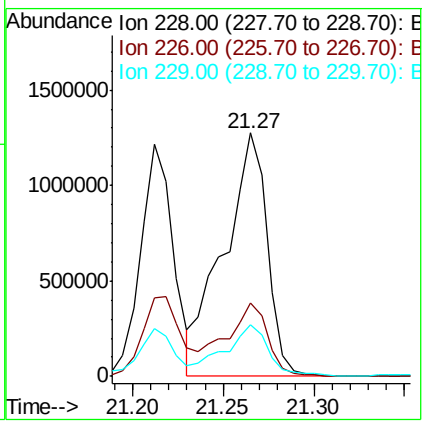


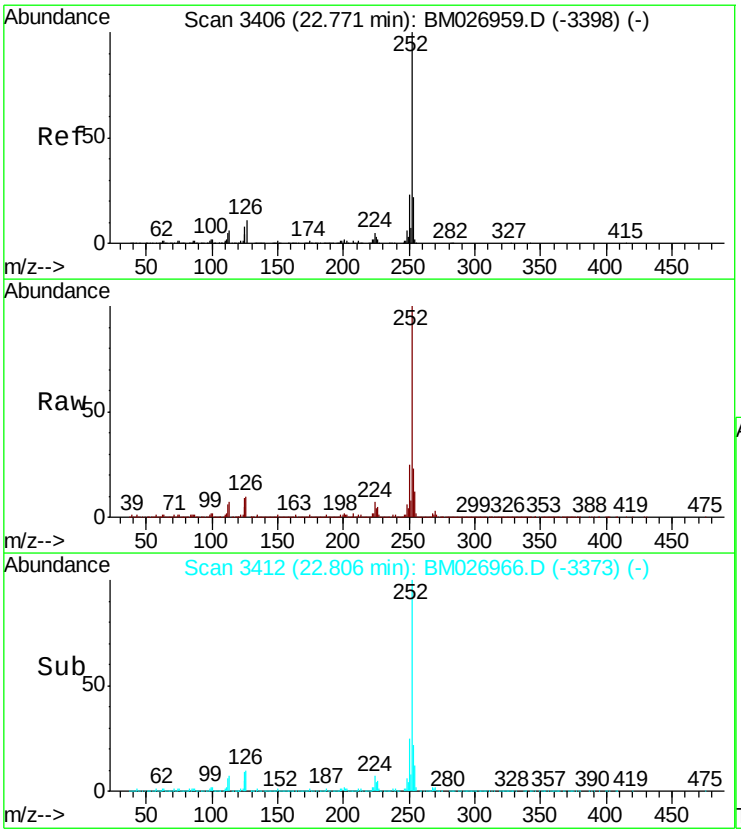
#85
Chrysene
Concen: 57.553 ng/ul
RT: 21.27 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2105839

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.2	34.8
229	21.3	15.5	23.3

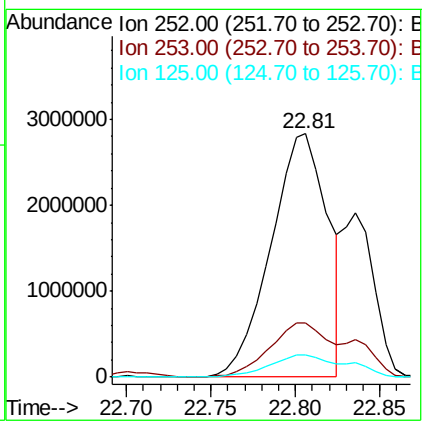


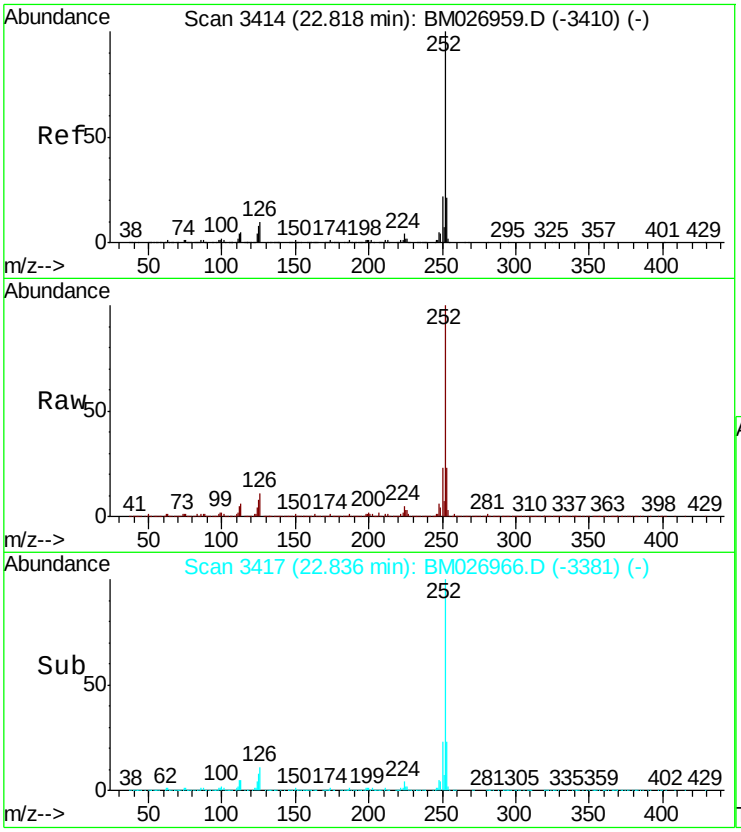


#88
Benzo(b)fluoranthene
Concen: 170.919 ng/ul
RT: 22.81 min Scan# 3412
Delta R.T. 0.03 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Tgt Ion:252 Resp: 6609313

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	9.1	6.6	10.0



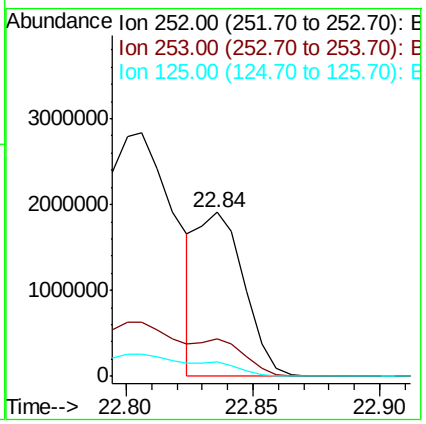


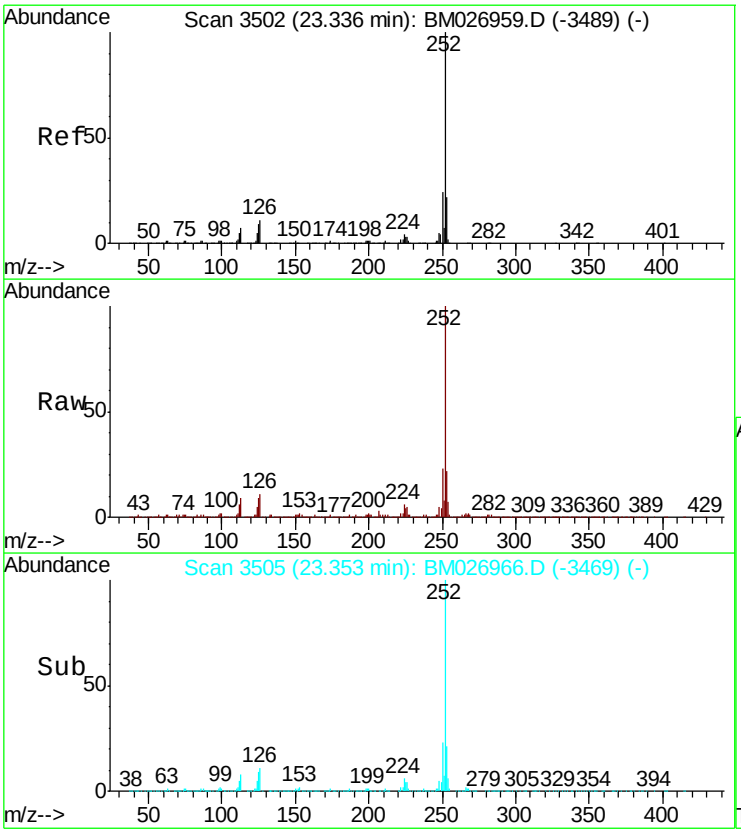
#89
Benzo(k)fluoranthene
Concen: 64.370 ng/ul
RT: 22.84 min Scan# 3417
Delta R.T. 0.01 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2388545

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	8.5	7.3	10.9

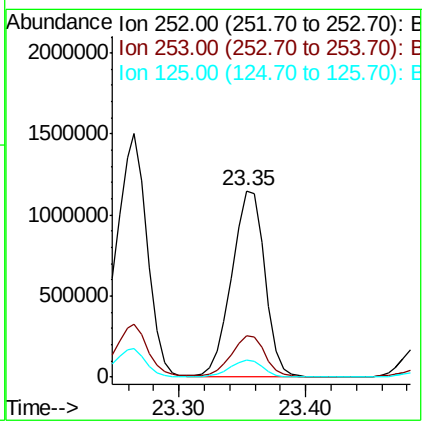


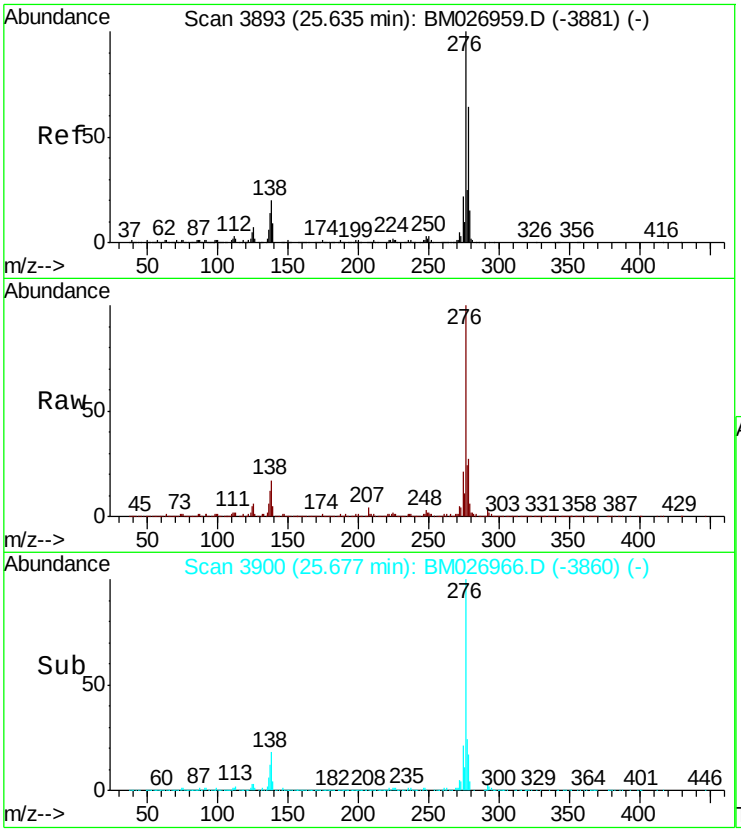


#91
Benzo(a)pyrene
Concen: 59.379 ng/ul
RT: 23.35 min Scan# 3505
Delta R.T. 0.01 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Tgt Ion:252 Resp: 2071928

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.4	8.2	12.2



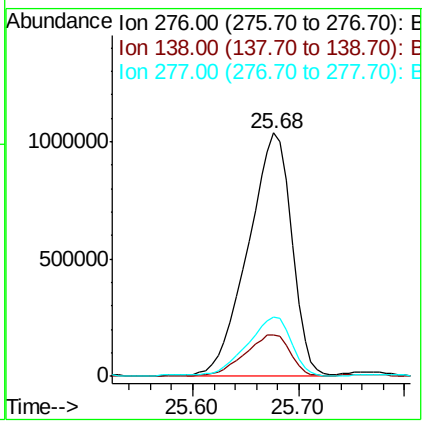


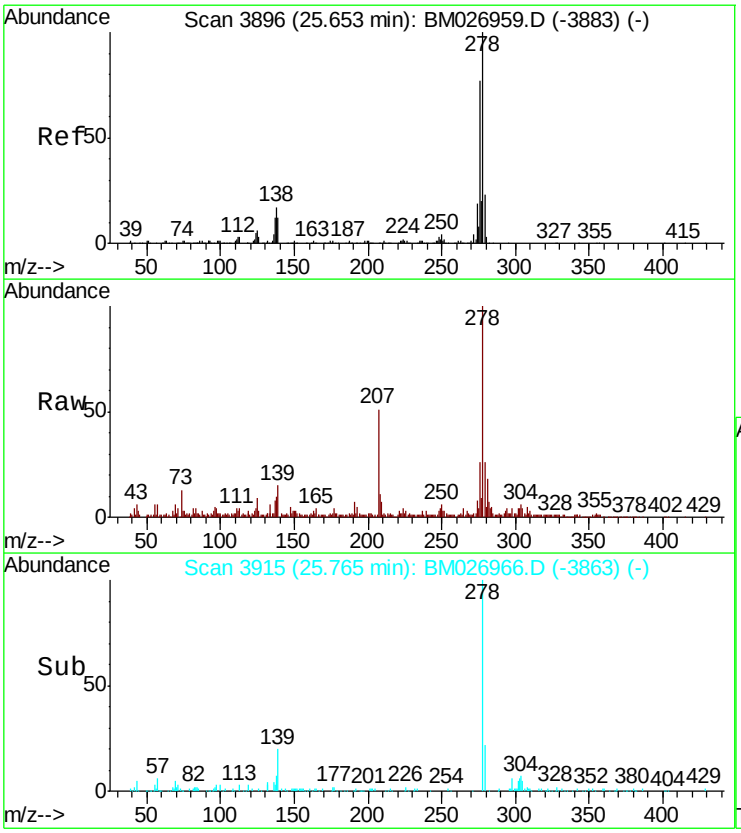
#92
Indeno(1,2,3-cd)pyrene
Concen: 68.510 ng/ul
RT: 25.68 min Scan# 3900
Delta R.T. 0.04 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 2965624

Ion	Ratio	Lower	Upper
276	100		
138	17.1	17.0	25.4
277	24.3	20.6	30.8

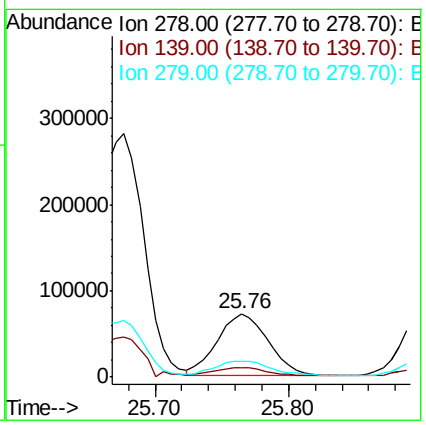


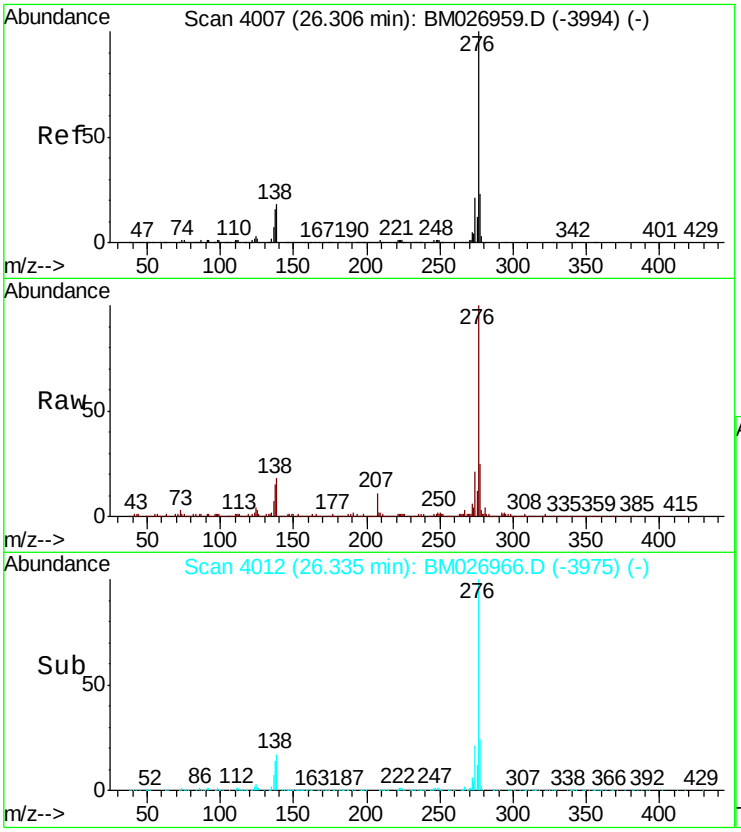


#93
Dibenzo(a,h)anthracene
Concen: 5.189 ng/ul
RT: 25.76 min Scan# 3915
Delta R.T. 0.11 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Tgt Ion:278 Resp: 189982

Ion	Ratio	Lower	Upper
278	100		
139	14.7	10.9	16.3
279	25.9	19.4	29.2





#94
Benzo(g,h,i)perylene
Concen: 28.597 ng/ul
RT: 26.34 min Scan# 4012
Delta R.T. 0.02 min
Lab File: BM026966.D
Acq: 31 Jul 2020 19:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1023586

Ion	Ratio	Lower	Upper
276	100		
138	17.5	14.9	22.3
277	24.8	19.1	28.7