Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038190.D
Acq On : 22 Dec 2022 09:59
Operator : CG/JU
Sample : SSTD0.110
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 22 23:18:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:18:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	4919	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	14034	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	6851	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	12352	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	7661	0.400	ng/ul	0.00
23) Perylene-d12	24.021	264	7940	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	569	0.085	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	2018	0.099	ng/ul	0.00
18) Fluoranthene-d10	19.427	212	2876	0.104	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	504	0.083	ng/ul#	73
5) Naphthalene	10.906	128	4087	0.096	ng/ul	97
7) 2-Methylnaphthalene	12.506	142	2496	0.096	ng/ul	100
8) 1-Methylnaphthalene	12.726	142	2555	0.096	ng/ul	98
10) Acenaphthylene	14.389	152	3790	0.106	ng/ul	96
11) Acenaphthene	14.726	153	2678	0.098	ng/ul	97
12) Fluorene	15.712	166	2924	0.097	ng/ul	97
14) Pentachlorophenol	17.063	266	518	0.101	ng/ul	99
15) Phenanthrene	17.447	178	4200	0.101	ng/ul	95
16) Anthracene	17.540	178	3924	0.102	ng/ul	96
19) Fluoranthene	19.455	202	4264	0.108	ng/ul#	94
20) Pyrene	19.817	202	4383	0.109	ng/ul	96
21) Benzo(a)anthracene	21.556	228	3496	0.106	ng/ul	96
22) Chrysene	21.612	228	3482	0.104	ng/ul	96
24) Benzo(b)fluoranthene	23.272	252	3789	0.101	ng/ul#	65
25) Benzo(k)fluoranthene	23.319	252	3499	0.096	ng/ul#	64
26) Benzo(a)pyrene	23.909	252	3240	0.102	ng/ul#	57
27) Indeno(1,2,3-cd)pyrene	26.579	276	4544	0.114	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.592	278	3494	0.113	ng/ul#	71
29) Benzo(g,h,i)perylene	27.370	276	3815	0.113	ng/ul#	85

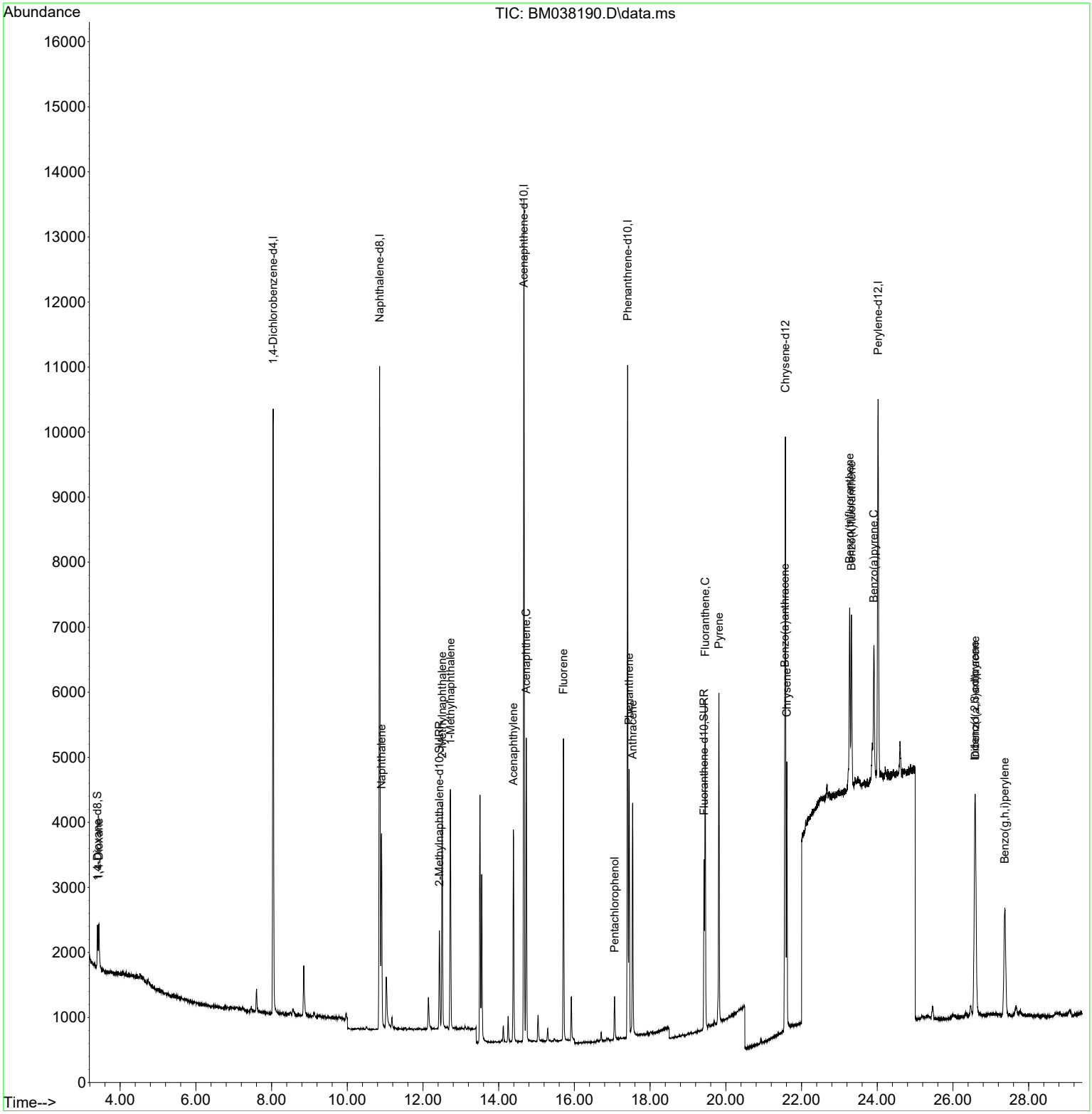
(#) = qualifier out of range (m) = manual integration (+) = signals summed

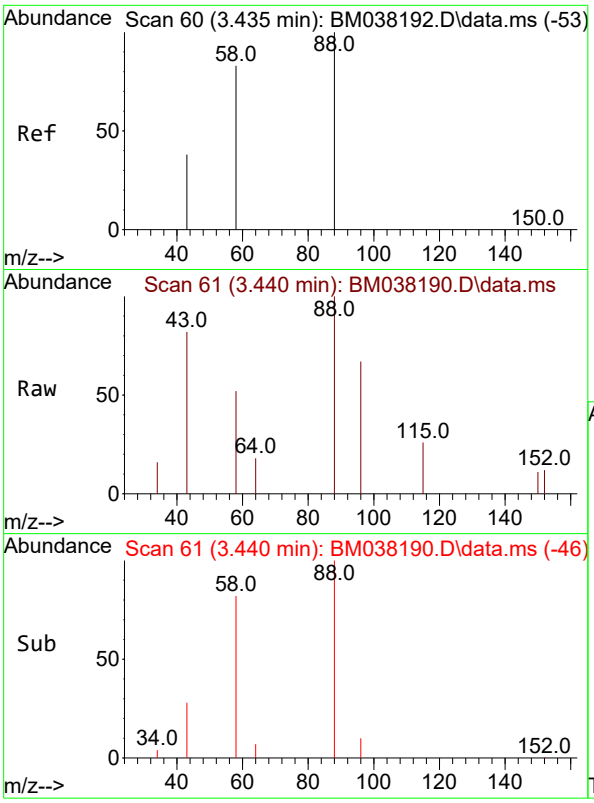
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038190.D
Acq On : 22 Dec 2022 09:59
Operator : CG/JU
Sample : SSTD0.110
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 22 23:18:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:18:00 2022
Response via : Initial Calibration



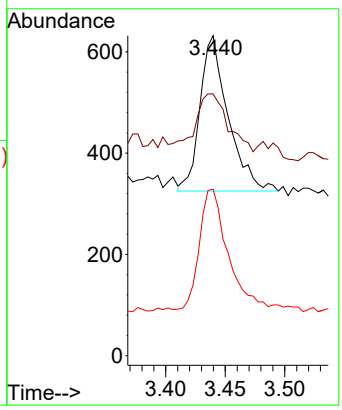


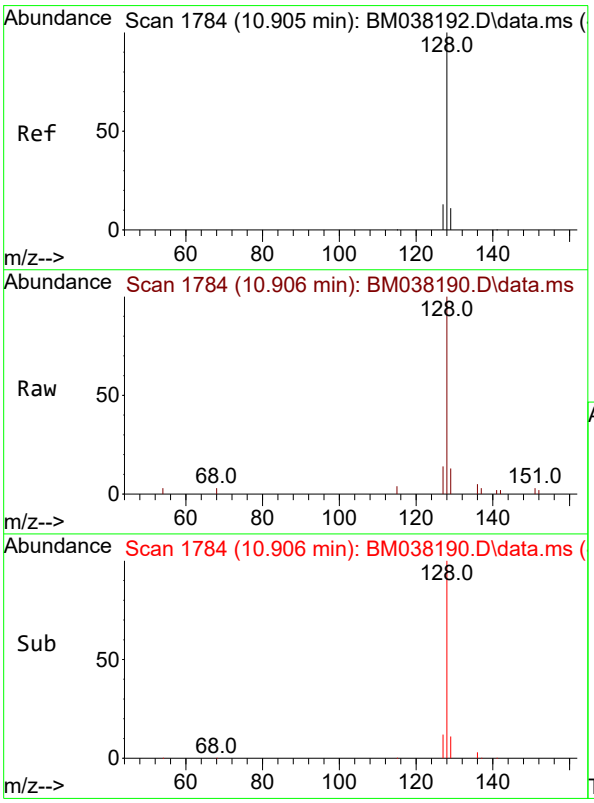
#2
1,4-Dioxane
Concen: 0.083 ng/ul
RT: 3.440 min Scan# 6
Delta R.T. 0.004 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 504

Ion	Ratio	Lower	Upper
88	100		
43	81.8	46.4	69.6#
58	52.1	56.9	85.3#

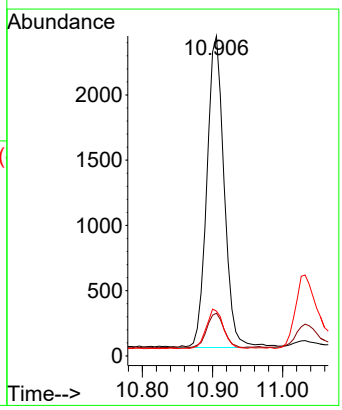


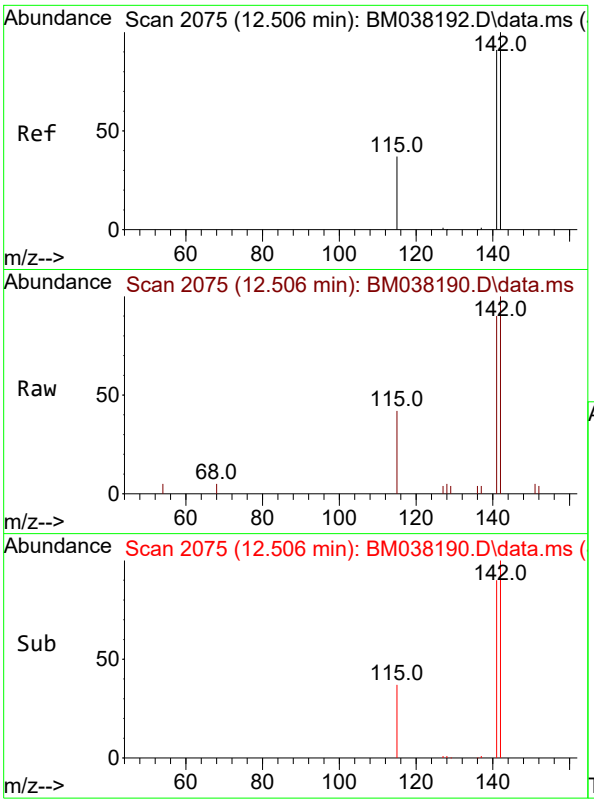


#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.906 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Tgt Ion:128 Resp: 4087

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.4	14.0
127	14.0	10.7	16.1



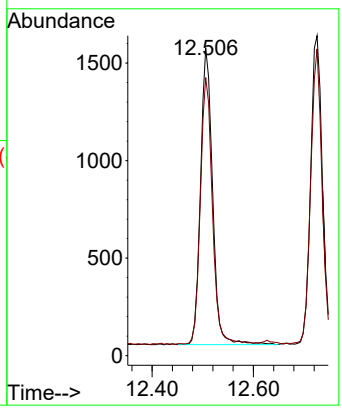


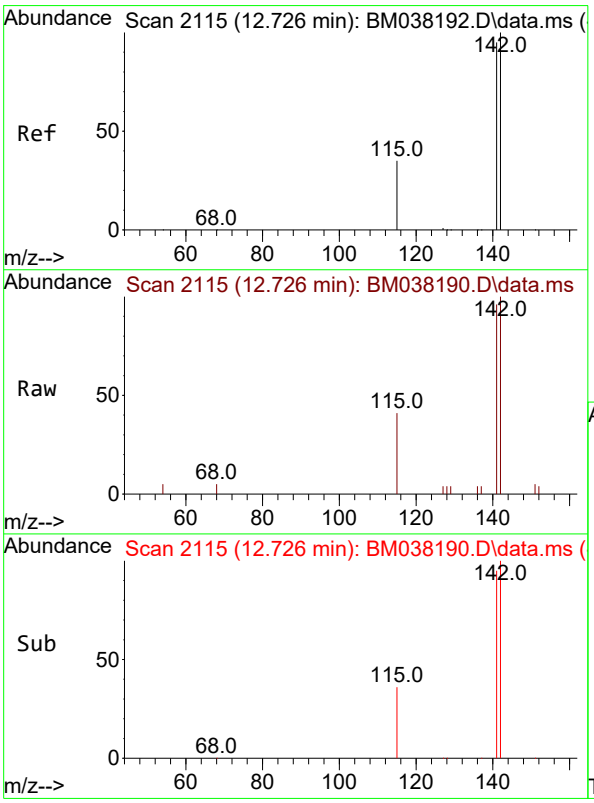
#7
2-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.506 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 2496

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.9	107.9

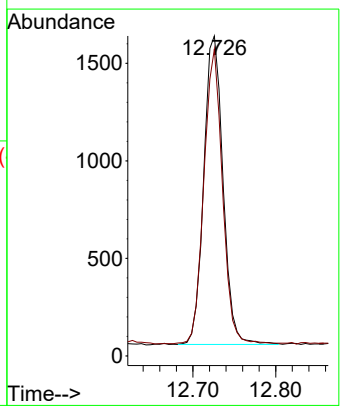


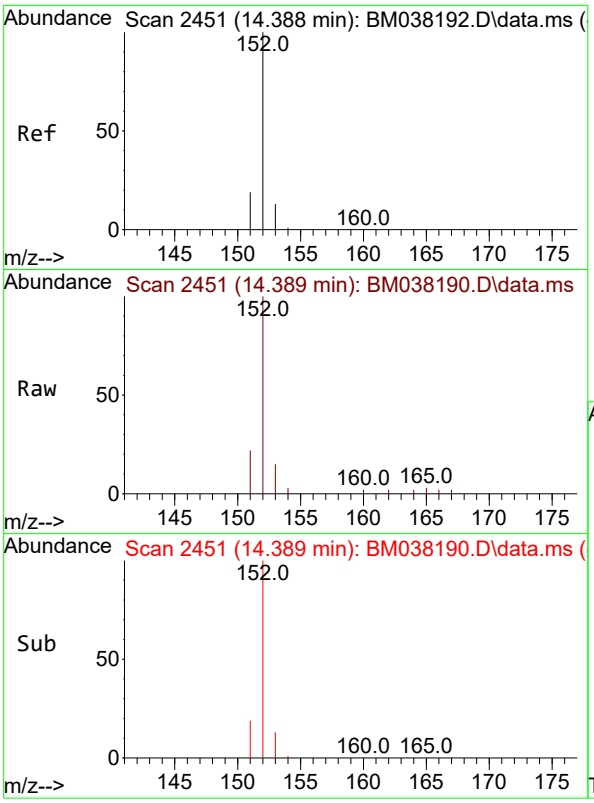


#8
1-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.726 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Tgt Ion:142 Resp: 2555

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.7	112.1



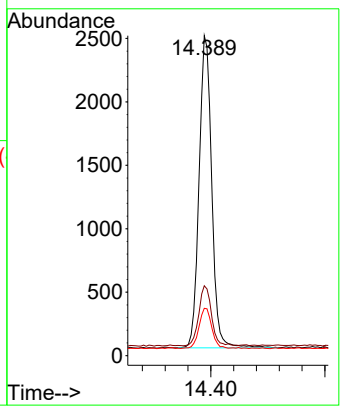


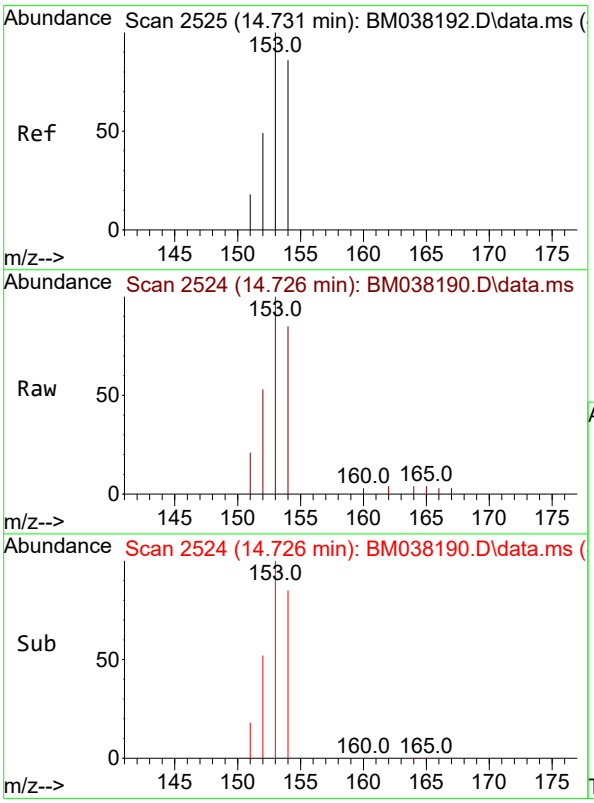
#10
Acenaphthylene
Concen: 0.106 ng/ul
RT: 14.389 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 3790

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.2	24.2
153	14.8	10.7	16.1

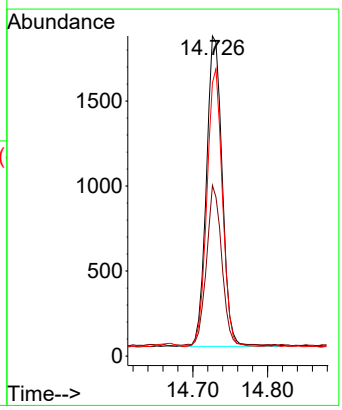


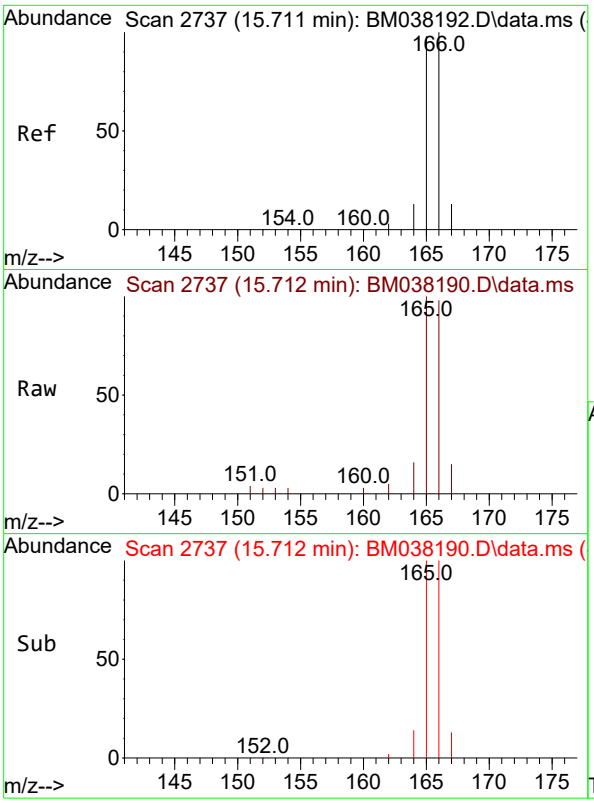


#11
Acenaphthene
Concen: 0.098 ng/ul
RT: 14.726 min Scan# 2524
Delta R.T. -0.004 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Tgt Ion:153 Resp: 2678

Ion	Ratio	Lower	Upper
153	100		
152	53.3	39.4	59.0
154	85.3	69.0	103.4



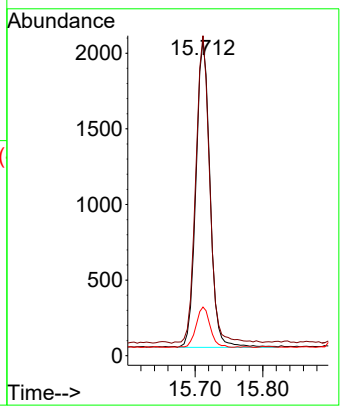


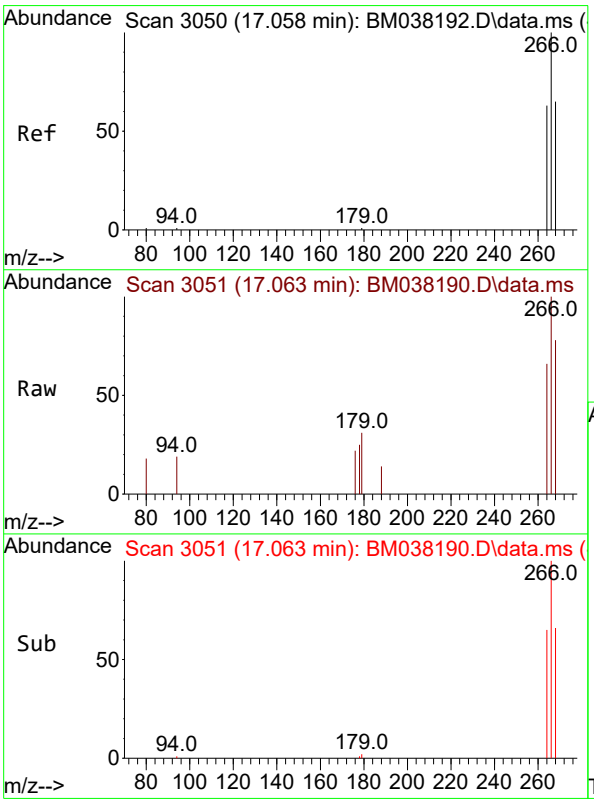
#12
Fluorene
Concen: 0.097 ng/ul
RT: 15.712 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 2924

Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.0	118.6
167	15.5	11.0	16.6

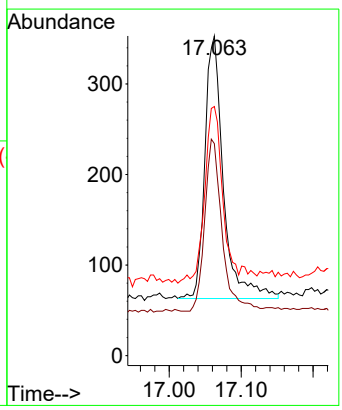


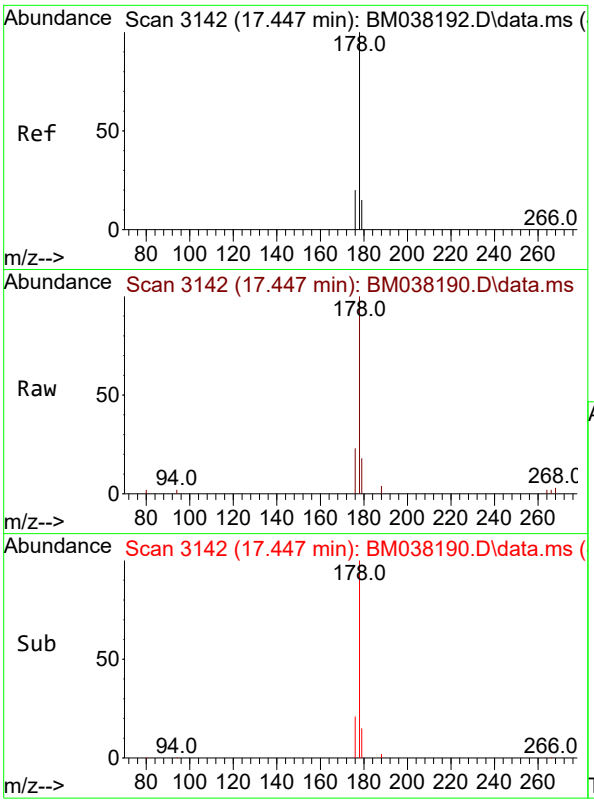


#14
Pentachlorophenol
Concen: 0.101 ng/ul
RT: 17.063 min Scan# 3051
Delta R.T. 0.004 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Tgt Ion:266 Resp: 518

Ion	Ratio	Lower	Upper
266	100		
264	61.4	49.9	74.9
268	64.7	51.2	76.8



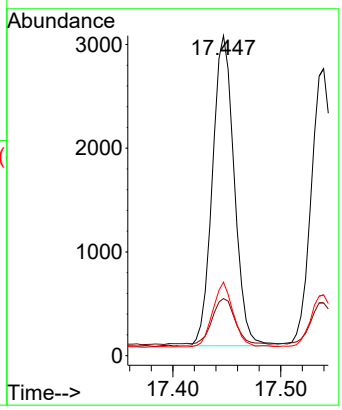


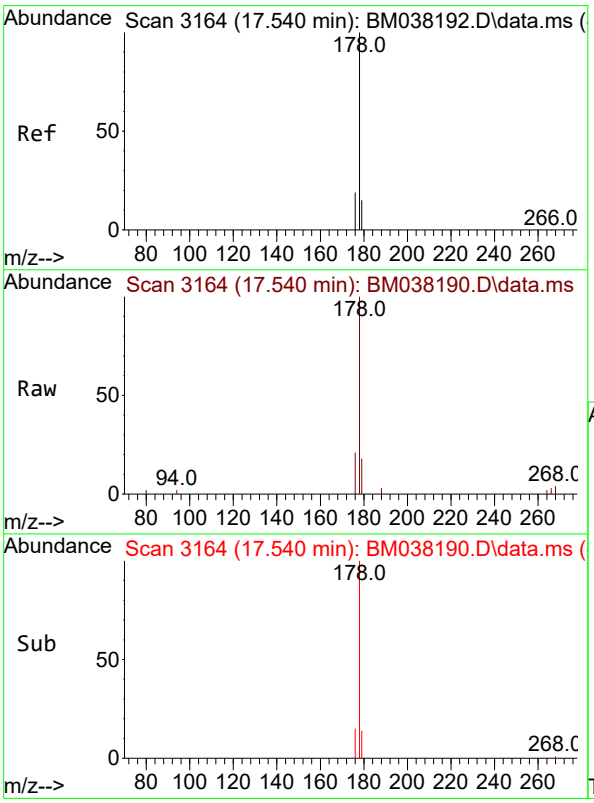
#15
Phenanthrene
Concen: 0.101 ng/ul
RT: 17.447 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 4200

Ion	Ratio	Lower	Upper
178	100		
179	17.9	13.0	19.4
176	23.0	16.2	24.4

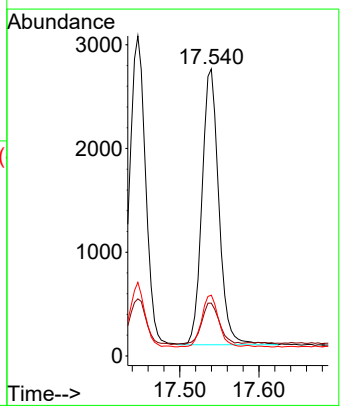


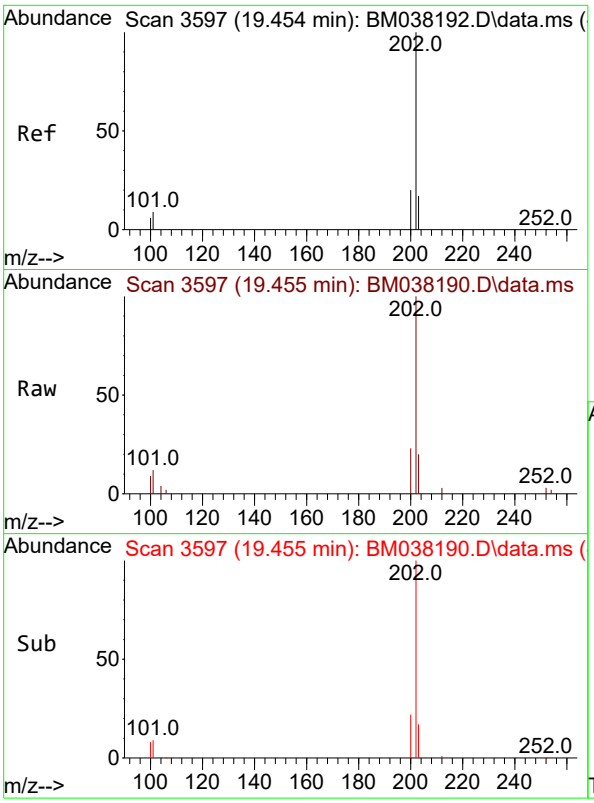


#16
Anthracene
Concen: 0.102 ng/ul
RT: 17.540 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Tgt Ion:178 Resp: 3924

Ion	Ratio	Lower	Upper
178	100		
179	18.4	13.0	19.6
176	21.2	15.6	23.4



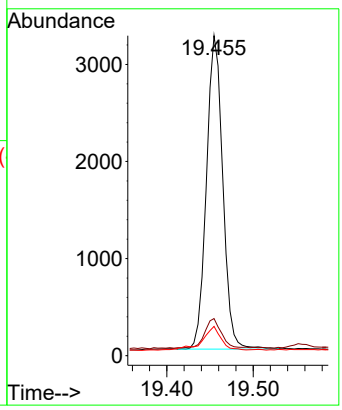


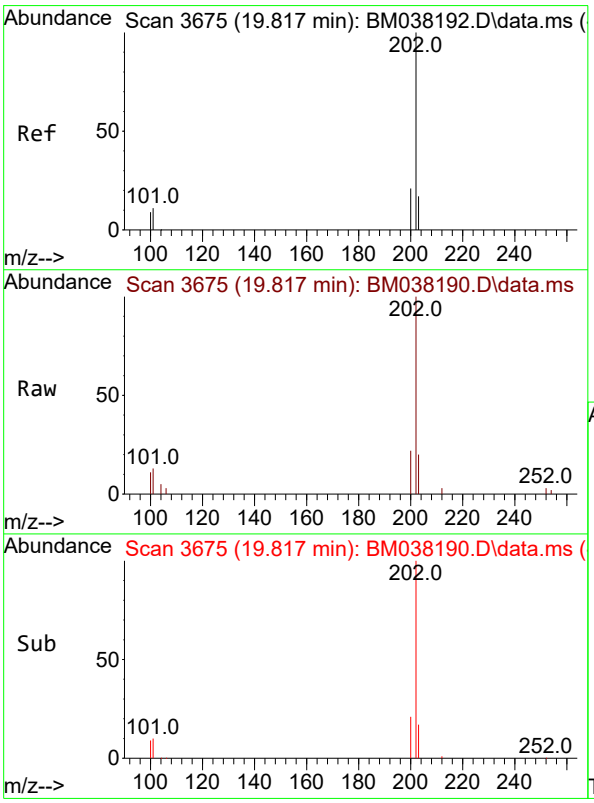
#19
Fluoranthene
Concen: 0.108 ng/ul
RT: 19.455 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 4264

Ion	Ratio	Lower	Upper
202	100		
101	11.6	7.5	11.3#
100	9.2	5.6	8.4#

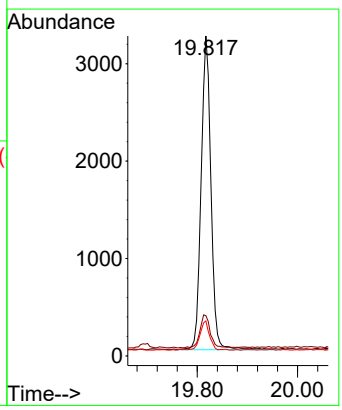


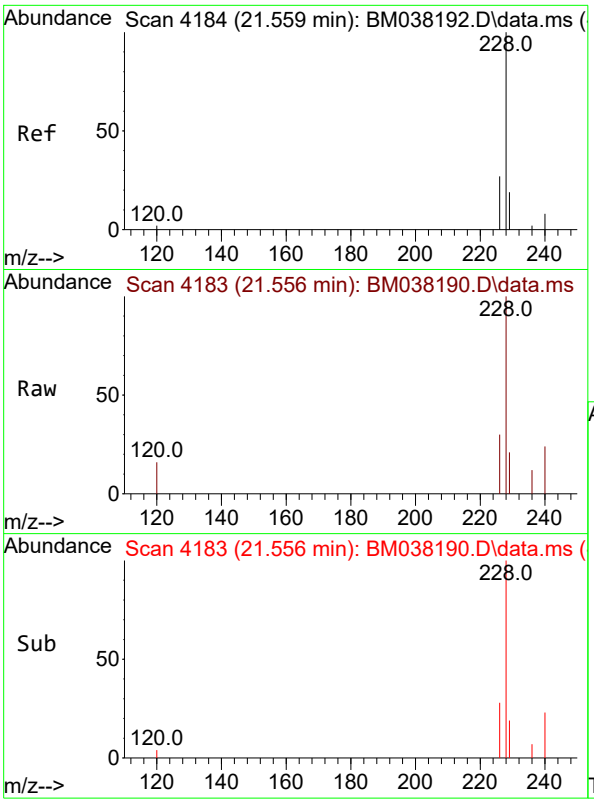


#20
Pyrene
Concen: 0.109 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Tgt Ion:202 Resp: 4383

Ion	Ratio	Lower	Upper
202	100		
101	12.6	8.9	13.3
100	10.9	7.4	11.0



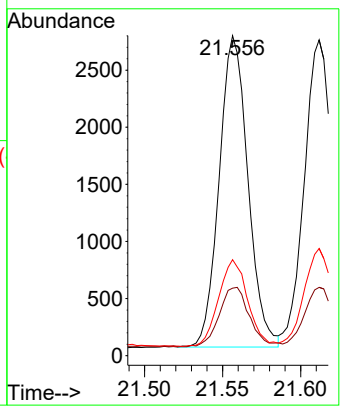


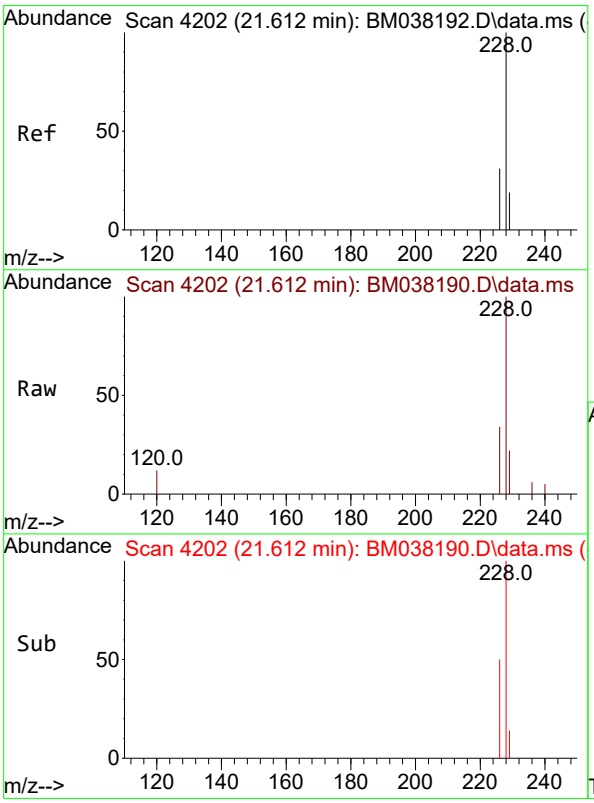
#21
Benzo(a)anthracene
Concen: 0.106 ng/ul
RT: 21.556 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 3496

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.5	23.3
226	30.0	22.2	33.2

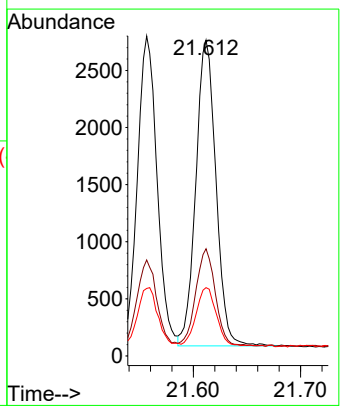


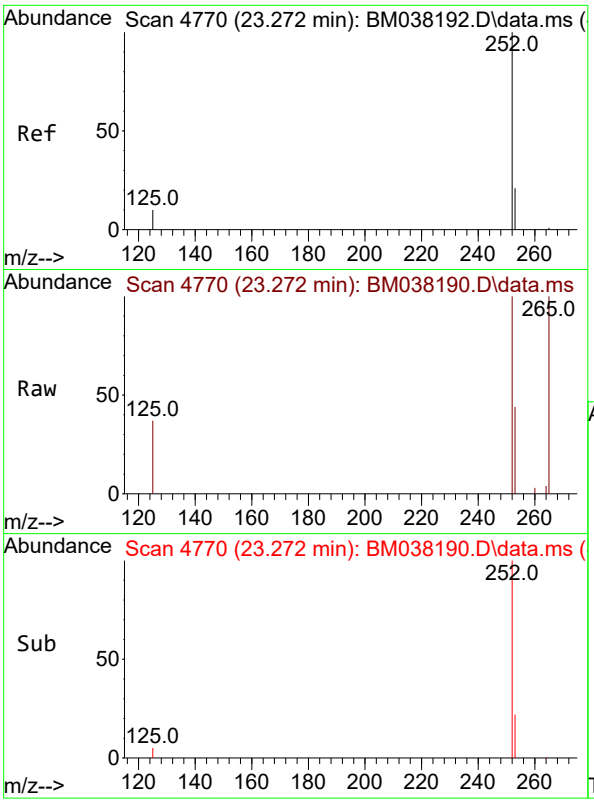


#22
Chrysene
Concen: 0.104 ng/ul
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Tgt Ion:228 Resp: 3482

Ion	Ratio	Lower	Upper
228	100		
226	33.9	25.0	37.4
229	21.6	16.0	24.0



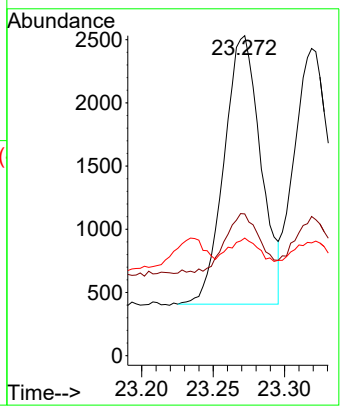


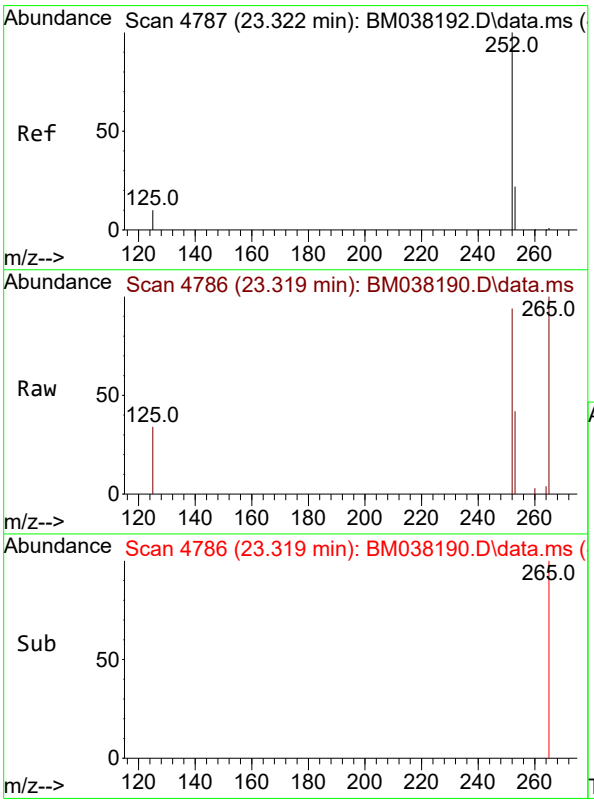
#24
Benzo(b)fluoranthene
Concen: 0.101 ng/ul
RT: 23.272 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3789

Ion	Ratio	Lower	Upper
252	100		
253	44.3	0.0	56.0
125	36.7	0.0	36.6#

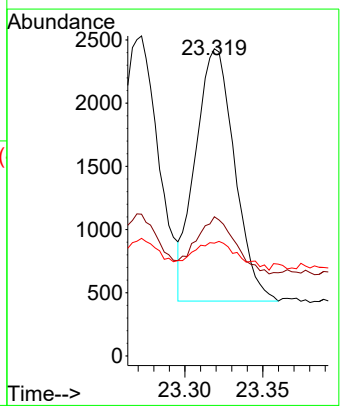


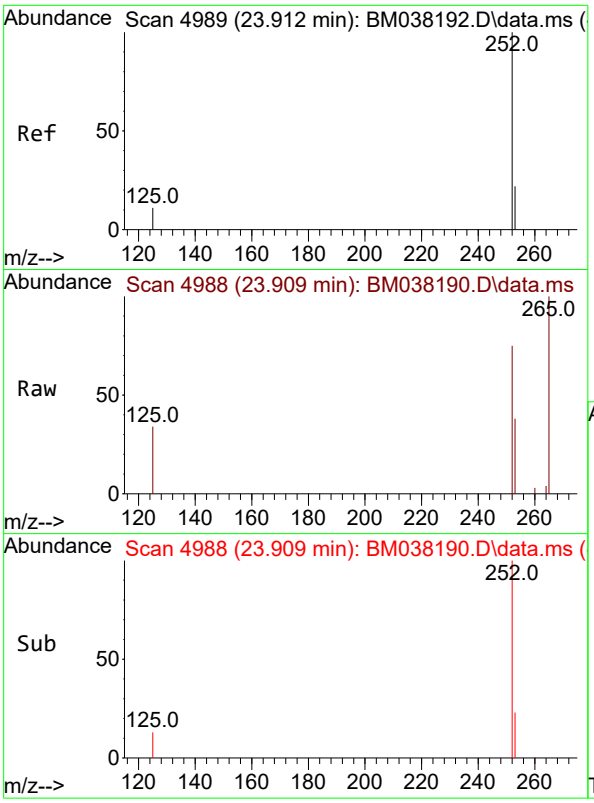


#25
Benzo(k)fluoranthene
Concen: 0.096 ng/ul
RT: 23.319 min Scan# 4786
Delta R.T. -0.003 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Tgt Ion:252 Resp: 3499

Ion	Ratio	Lower	Upper
252	100		
253	45.3	22.5	33.7#
125	36.7	14.4	21.6#



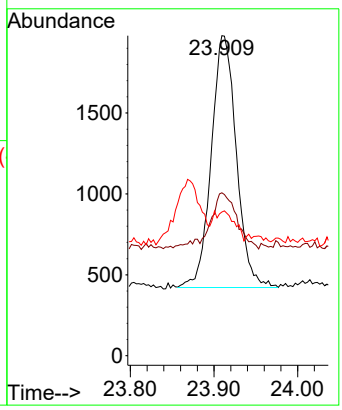


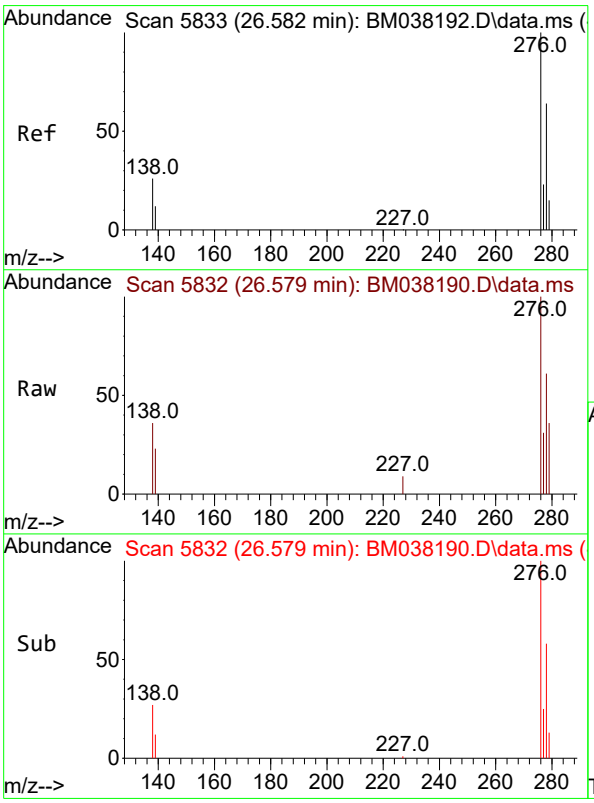
#26
Benzo(a)pyrene
Concen: 0.102 ng/ul
RT: 23.909 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3240

Ion	Ratio	Lower	Upper
252	100		
253	50.9	24.2	36.4#
125	44.9	17.3	25.9#

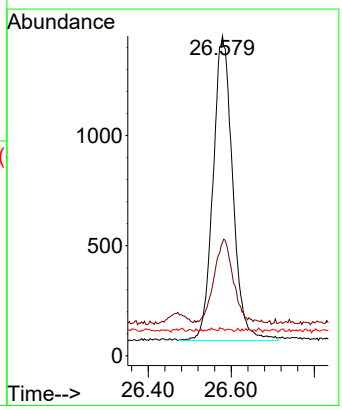


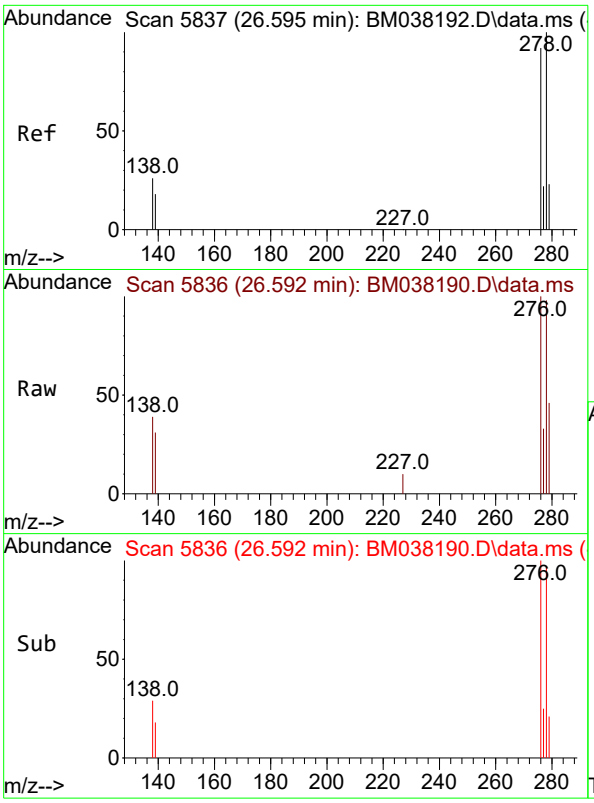


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.114 ng/ul
RT: 26.579 min Scan# 5832
Delta R.T. -0.003 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Tgt Ion:276 Resp: 4544

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.7	32.5
227	0.2	0.0	0.0#



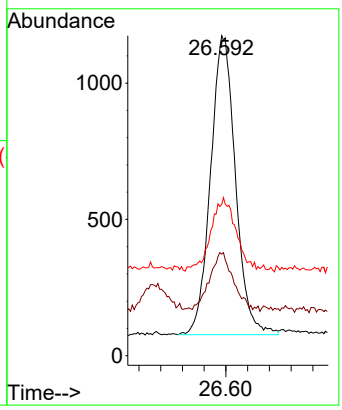


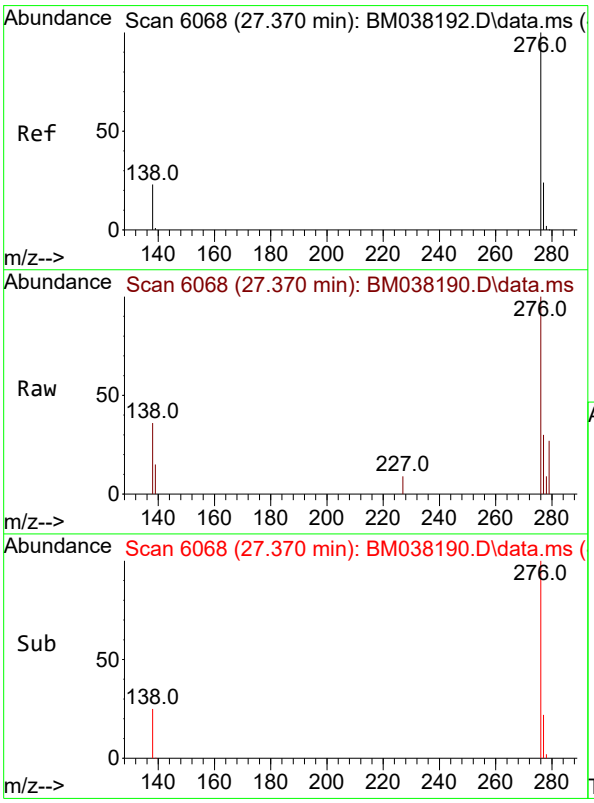
#28
Dibenzo(a,h)anthracene
Concen: 0.113 ng/ul
RT: 26.592 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 3494

Ion	Ratio	Lower	Upper
278	100		
139	31.8	16.8	25.2#
279	47.3	23.4	35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.113 ng/ul
RT: 27.370 min Scan# 6068
Delta R.T. 0.000 min
Lab File: BM038190.D
Acq: 22 Dec 2022 09:59

Tgt Ion:276 Resp: 3815

Ion	Ratio	Lower	Upper
276	100		
138	36.3	20.8	31.2#
277	30.3	20.5	30.7