Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049188.D
Acq On : 24 Dec 2024 17:06
Operator : RC/JU
Sample : P5302-05MSD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 21:41:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	6615	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	20634	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.186	164	12050	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.937	188	25790	0.400	ng/ul	-0.01
17) Chrysene-d12	21.137	240	23388	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	25476	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	3377	0.443	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.909	152	8609	0.310	ng/ul	-0.02
18) Fluoranthene-d10	18.973	212	21922	0.330	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	9909	1.111	ng/ul#	80
5) Naphthalene	10.363	128	15549	0.301	ng/ul	100
7) 2-Methylnaphthalene	11.986	142	10204	0.312	ng/ul	98
8) 1-Methylnaphthalene	12.206	142	10250	0.306	ng/ul	99
10) Acenaphthylene	13.904	152	16439	0.329	ng/ul	99
11) Acenaphthene	14.251	153	11062	0.303	ng/ul	99
12) Fluorene	15.241	166	12829	0.312	ng/ul	99
14) Pentachlorophenol	16.600	266	169	0.024	ng/ul#	87
15) Phenanthrene	16.975	178	25746	0.382	ng/ul	100
16) Anthracene	17.068	178	19775	0.320	ng/ul	99
19) Fluoranthene	19.001	202	43802	0.518	ng/ul	99
20) Pyrene	19.363	202	42693	0.473	ng/ul	99
21) Benzo(a)anthracene	21.123	228	32303	0.397	ng/ul	100
22) Chrysene	21.172	228	34938	0.400	ng/ul	99
24) Benzo(b)fluoranthene	22.651	252	38802	0.477	ng/ul	95
25) Benzo(k)fluoranthene	22.692	252	32830	0.368	ng/ul	98
26) Benzo(a)pyrene	23.198	252	31028	0.398	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.420	276	39679	0.359	ng/ul	99
28) Dibenzo(a,h)anthracene	25.437	278	27172	0.317	ng/ul	98
29) Benzo(g,h,i)perylene	26.074	276	33453	0.377	ng/ul	98

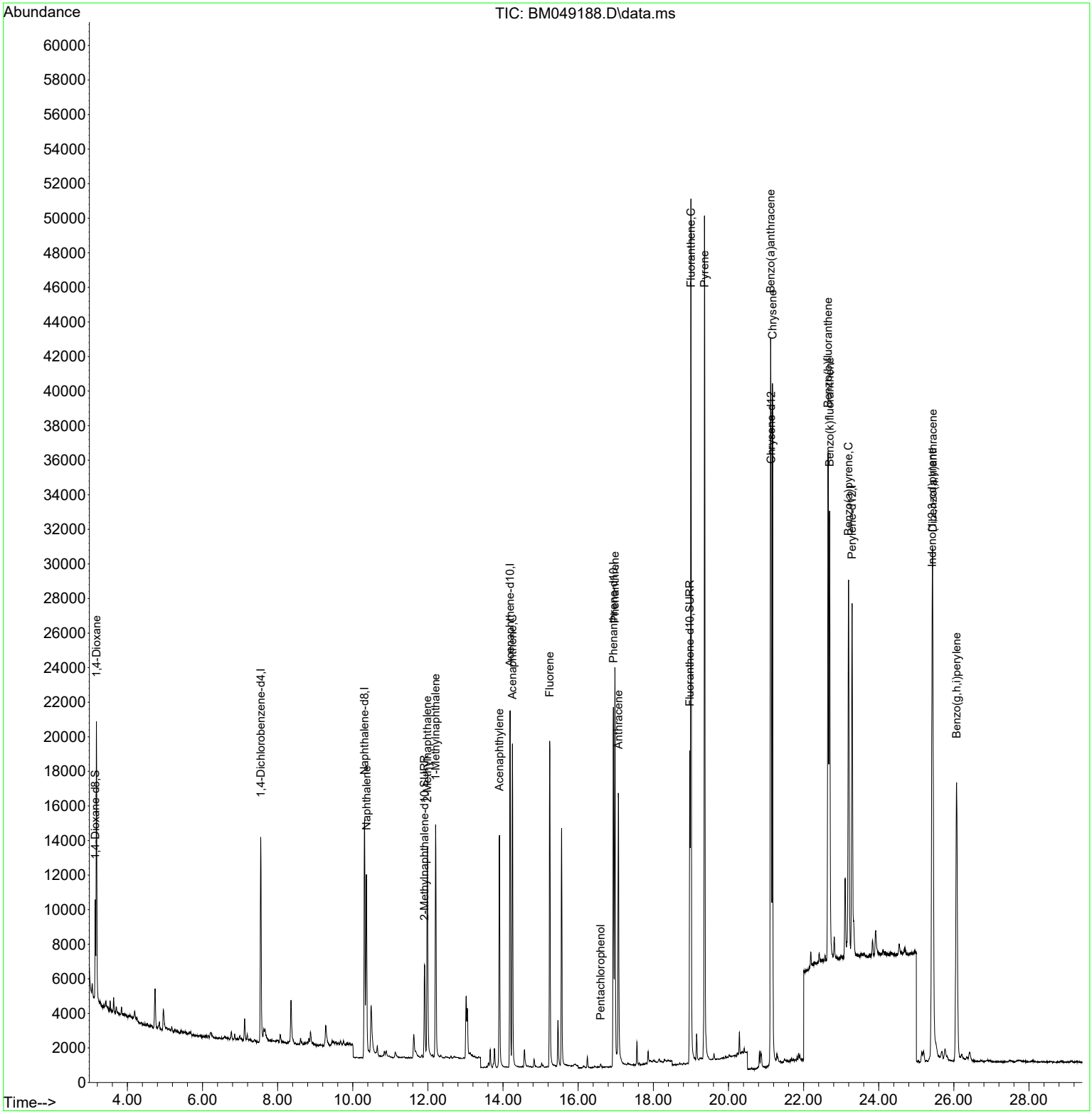
(#) = qualifier out of range (m) = manual integration (+) = signals summed

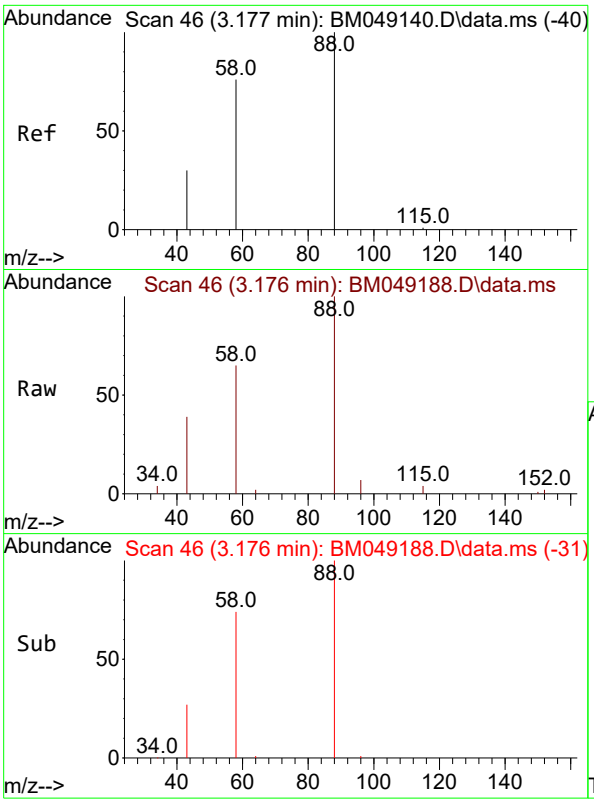
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049188.D
Acq On : 24 Dec 2024 17:06
Operator : RC/JU
Sample : P5302-05MSD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 21:41:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration



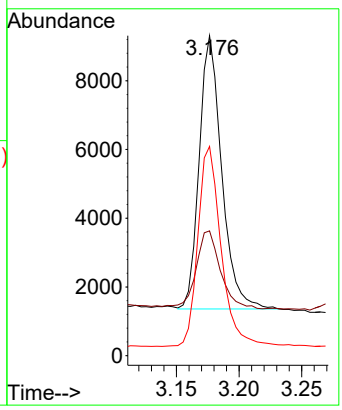


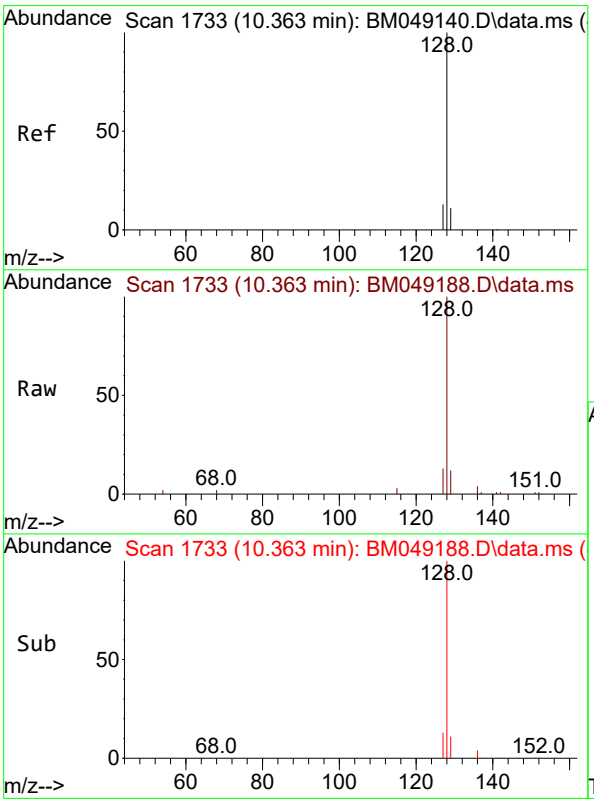
#2
1,4-Dioxane
Concen: 1.111 ng/ul
RT: 3.176 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 9909

Ion	Ratio	Lower	Upper
88	100		
43	39.0	45.4	68.2#
58	65.4	43.6	65.4#

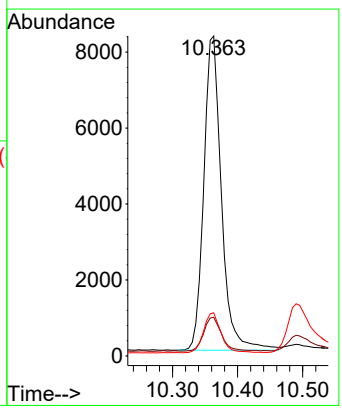


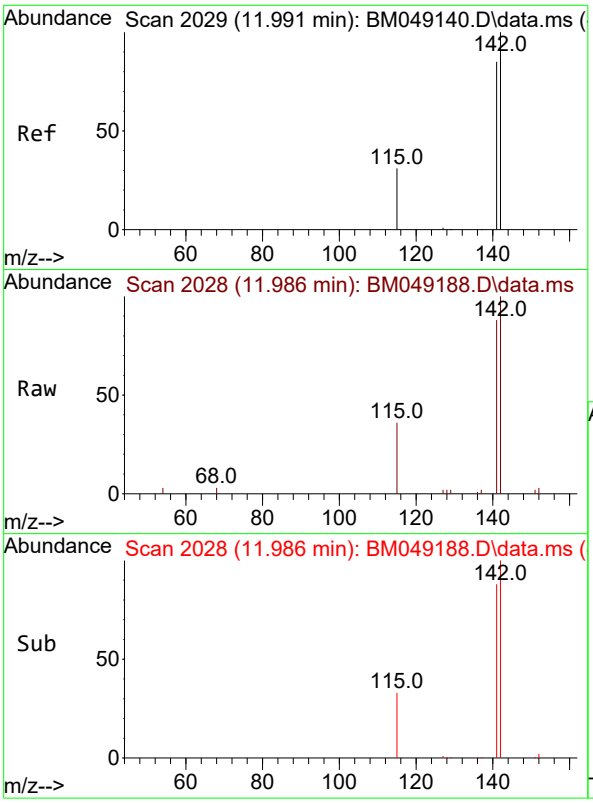


#5
Naphthalene
Concen: 0.301 ng/ul
RT: 10.363 min Scan# 1733
Delta R.T. -0.016 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Tgt Ion:128 Resp: 15549

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.7	14.5
127	13.5	10.6	16.0



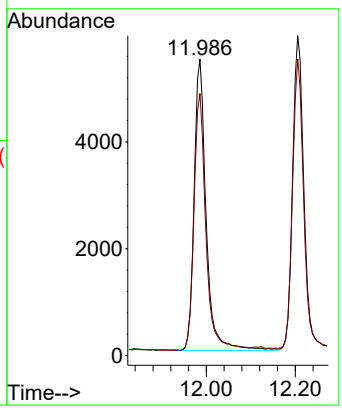


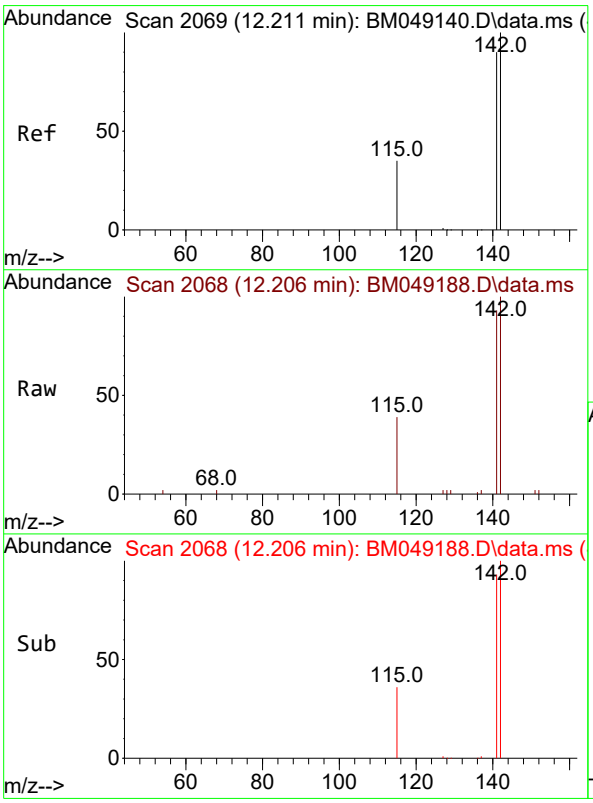
#7
2-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 11.986 min Scan# 2
Delta R.T. -0.016 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 10204

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.7	107.5

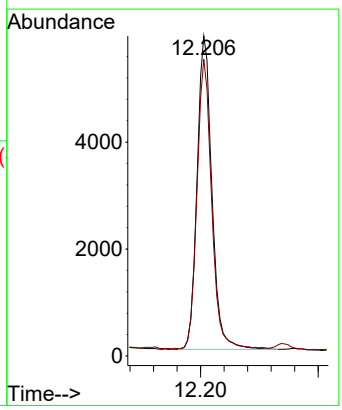


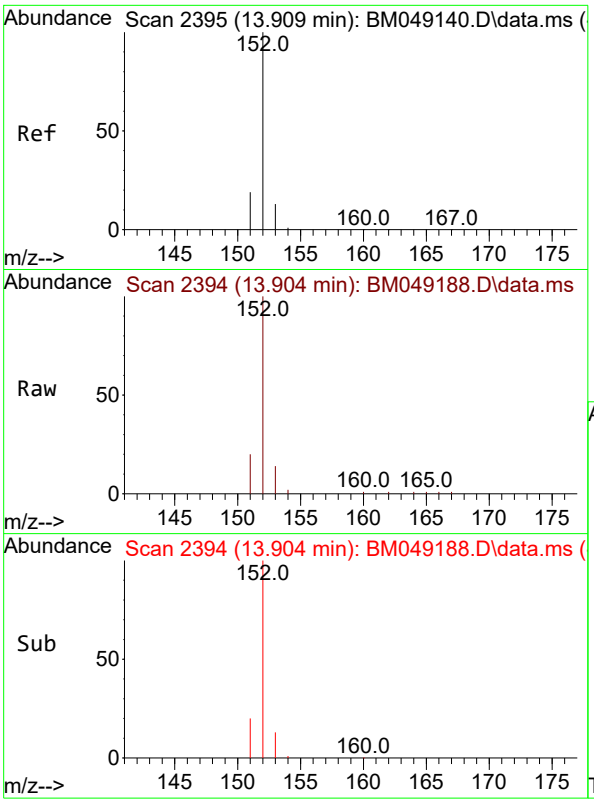


#8
1-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.206 min Scan# 2068
Delta R.T. -0.016 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Tgt Ion:142 Resp: 10250

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.7	109.1



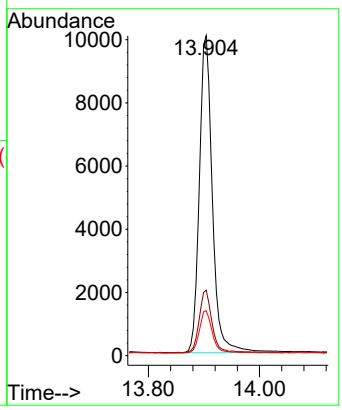


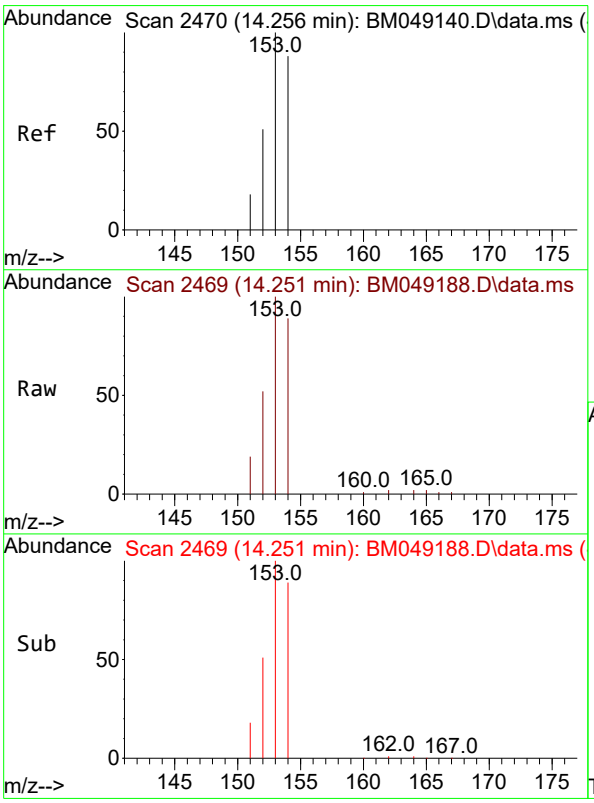
#10
Acenaphthylene
Concen: 0.329 ng/ul
RT: 13.904 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 16439

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.0	24.0
153	14.0	11.0	16.6

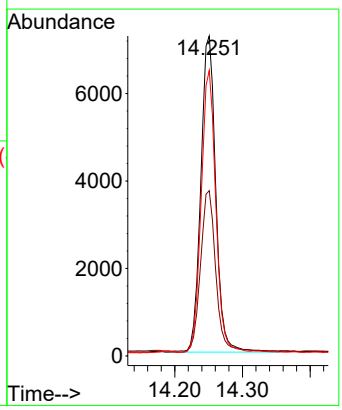


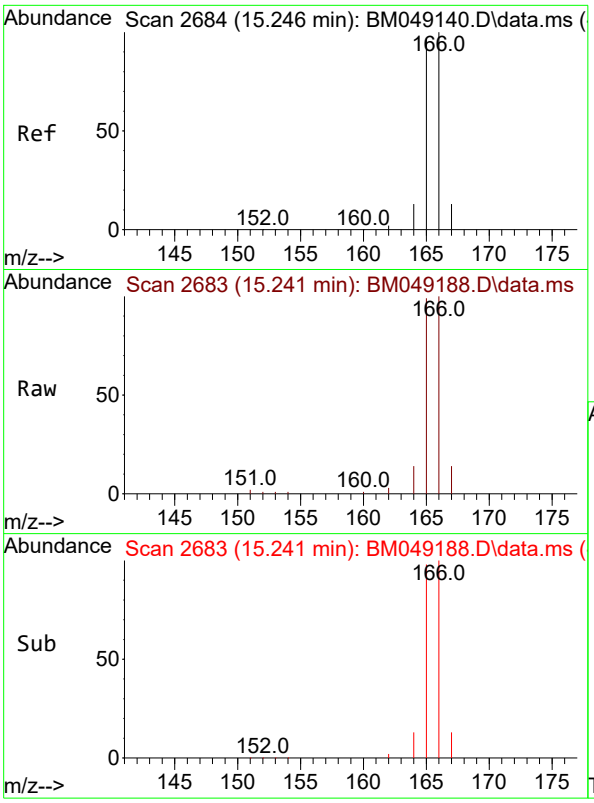


#11
Acenaphthene
Concen: 0.303 ng/ul
RT: 14.251 min Scan# 2469
Delta R.T. -0.014 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Tgt Ion:153 Resp: 11062

Ion	Ratio	Lower	Upper
153	100		
152	51.6	40.7	61.1
154	89.2	70.8	106.2



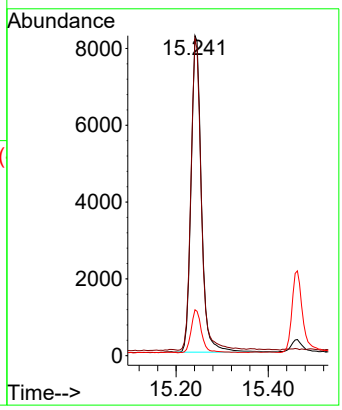


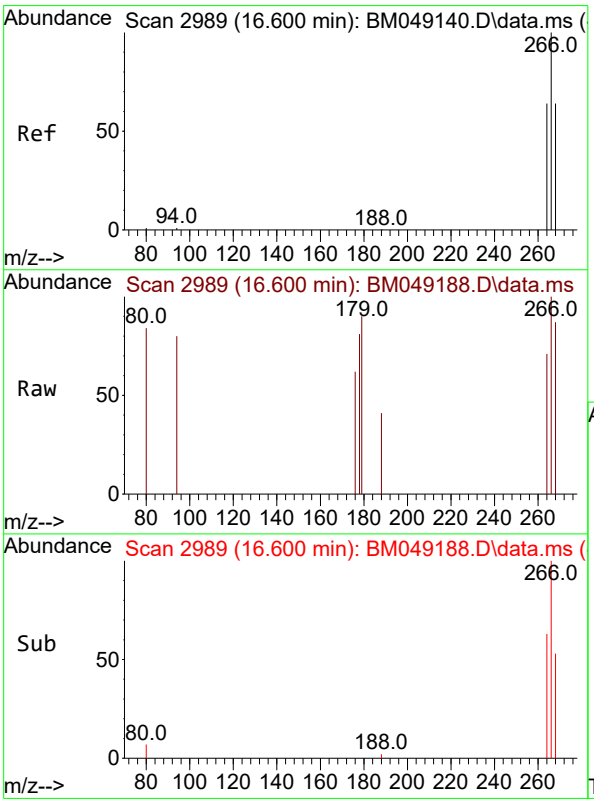
#12
Fluorene
Concen: 0.312 ng/ul
RT: 15.241 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 12829

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.7	119.5
167	14.3	11.4	17.0

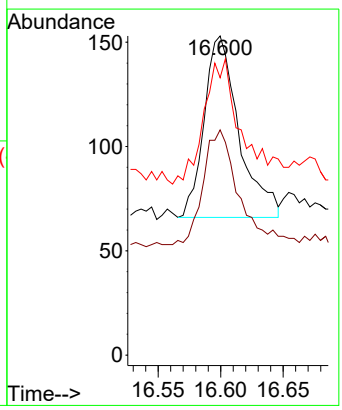


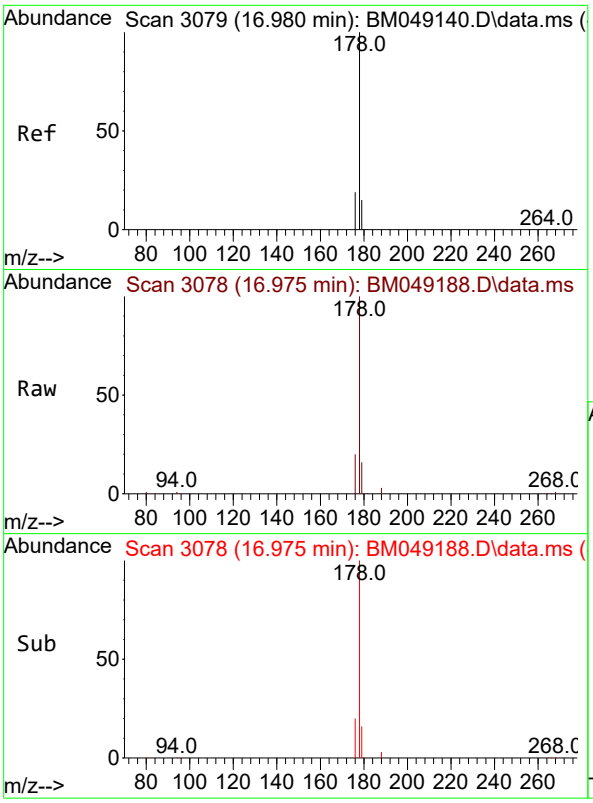


#14
Pentachlorophenol
Concen: 0.024 ng/ul
RT: 16.600 min Scan# 2989
Delta R.T. -0.008 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Tgt Ion:266 Resp: 169

Ion	Ratio	Lower	Upper
266	100		
264	63.9	48.3	72.5
268	75.7	47.5	71.3#



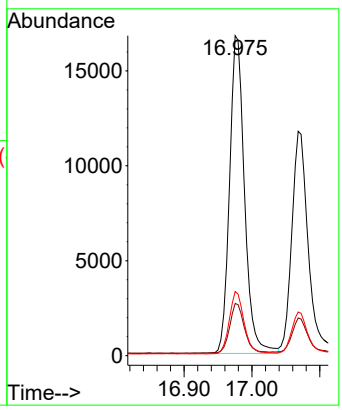


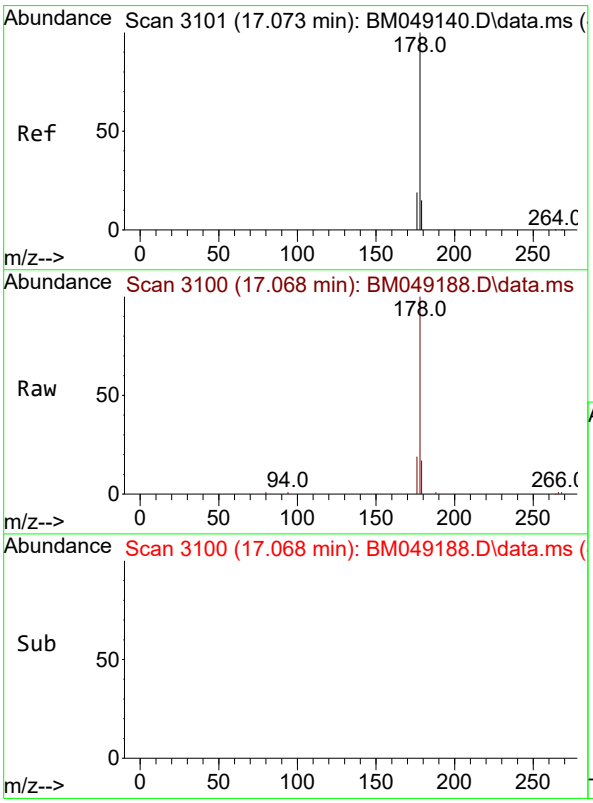
#15
Phenanthrene
Concen: 0.382 ng/ul
RT: 16.975 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 25746

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.4
176	20.1	16.2	24.2

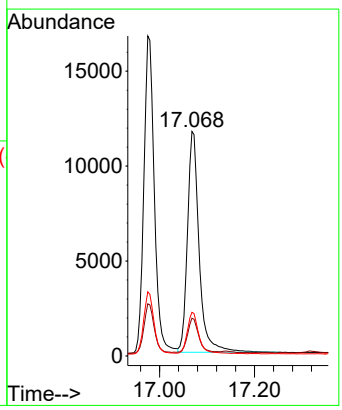


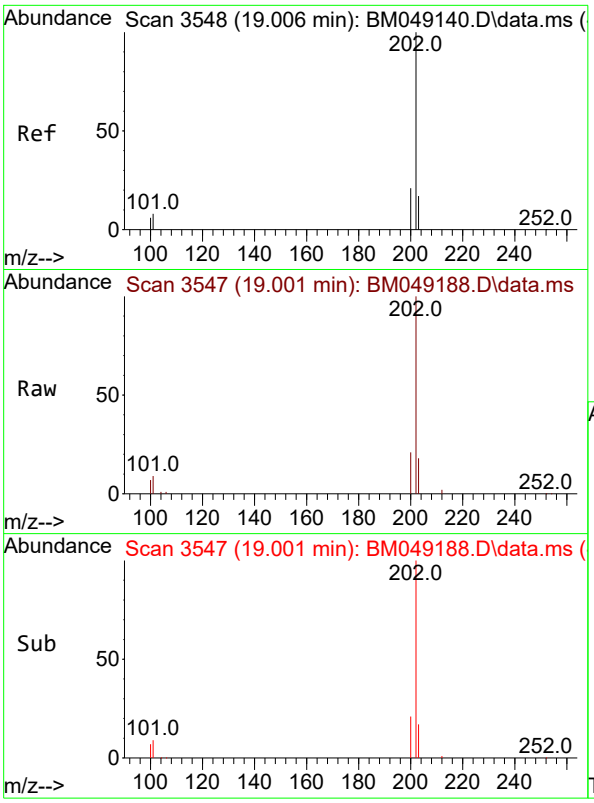


#16
Anthracene
Concen: 0.320 ng/ul
RT: 17.068 min Scan# 3100
Delta R.T. -0.017 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Tgt Ion:178 Resp: 19775

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.9	19.3
176	19.5	15.3	22.9



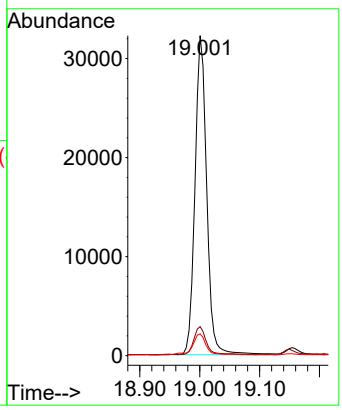


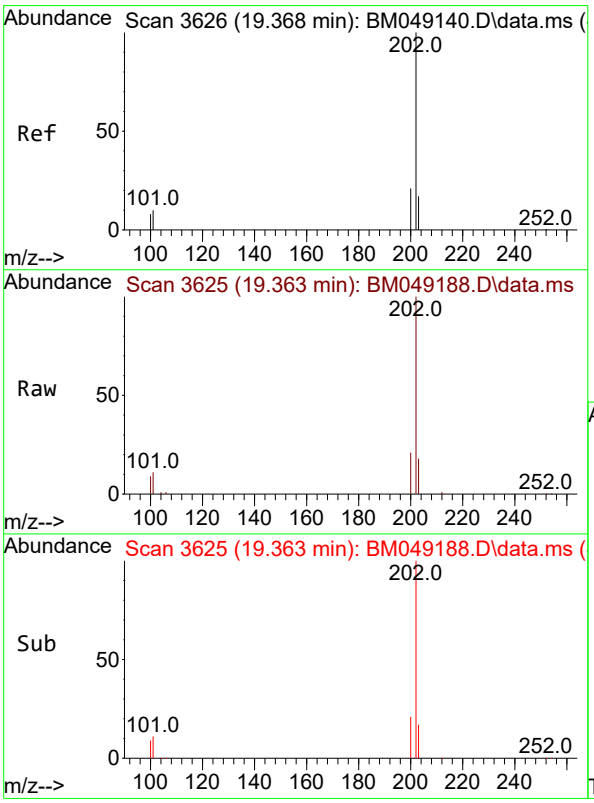
#19
Fluoranthene
Concen: 0.518 ng/ul
RT: 19.001 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 43802

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.6	11.4
100	6.8	5.5	8.3

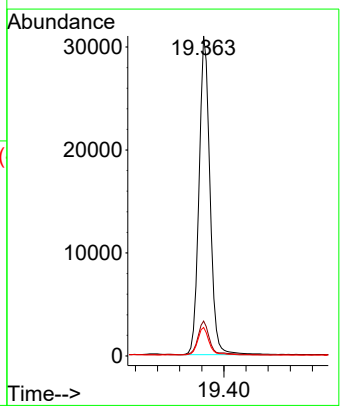


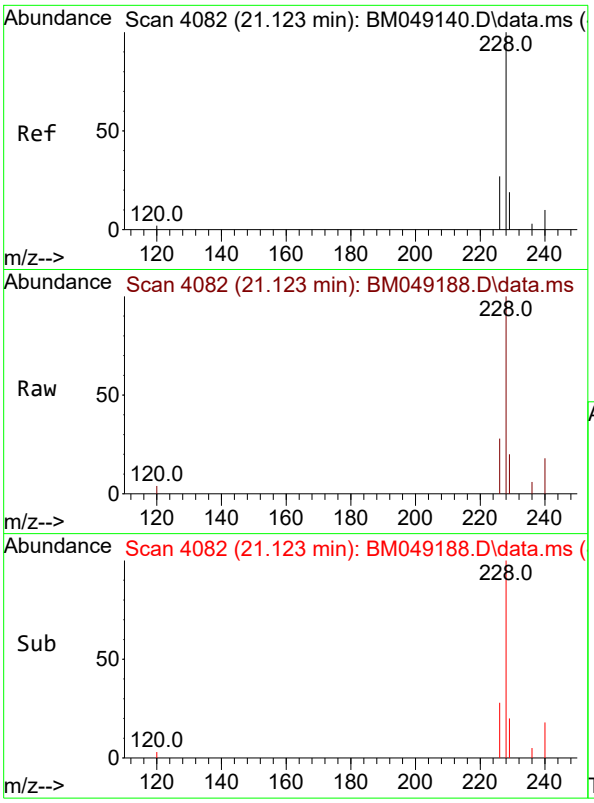


#20
Pyrene
Concen: 0.473 ng/ul
RT: 19.363 min Scan# 3625
Delta R.T. -0.014 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Tgt Ion:202 Resp: 42693

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
100	8.9	6.9	10.3



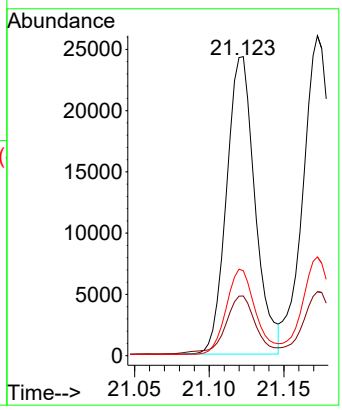


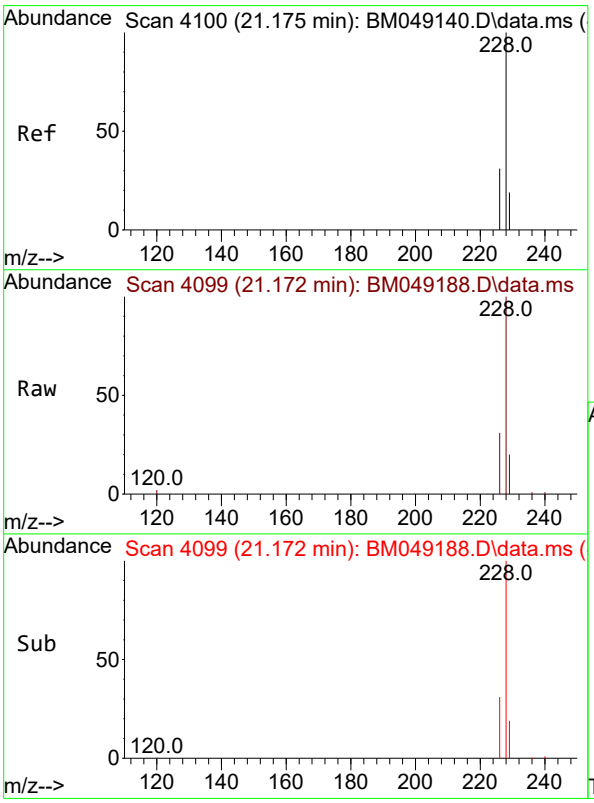
#21
Benzo(a)anthracene
Concen: 0.397 ng/ul
RT: 21.123 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 32303

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.9	23.9
226	28.4	22.6	34.0

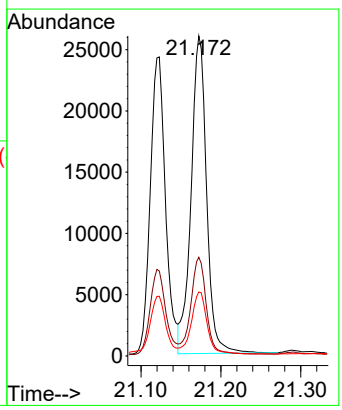


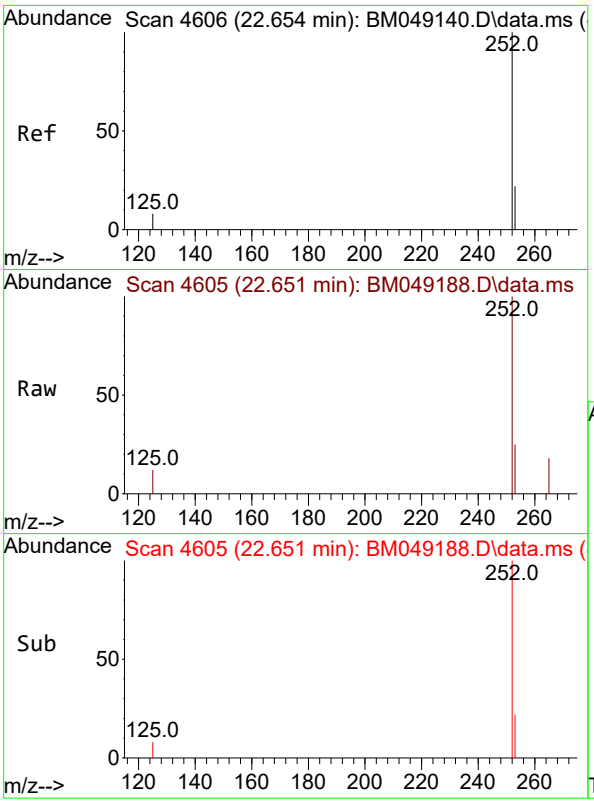


#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.012 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Tgt Ion:228 Resp: 34938

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.1	36.1
229	20.0	15.8	23.8



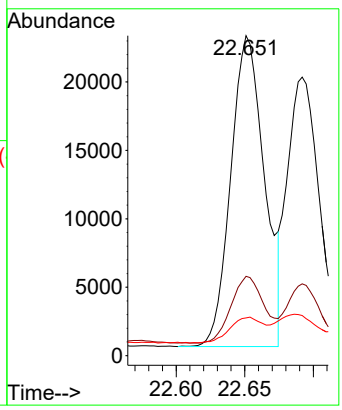


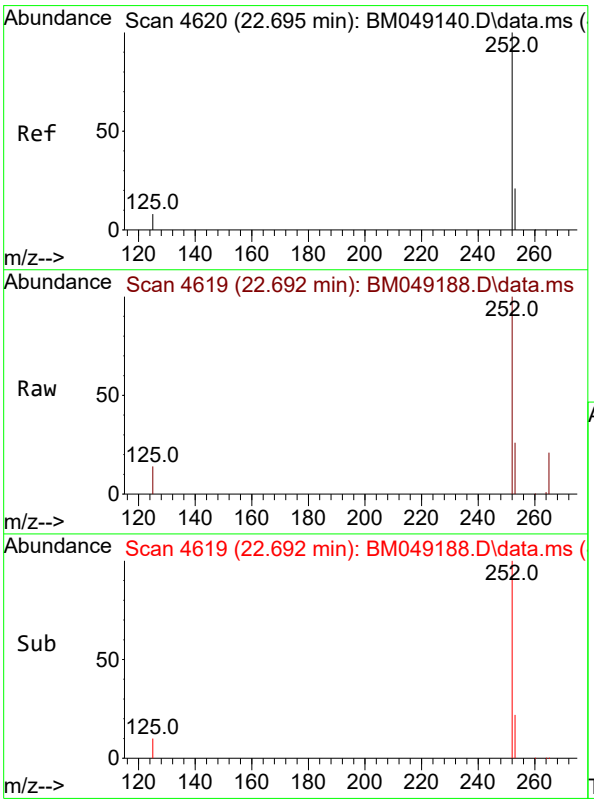
#24
Benzo(b)fluoranthene
Concen: 0.477 ng/ul
RT: 22.651 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 38802

Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	52.6
125	11.8	0.0	30.8

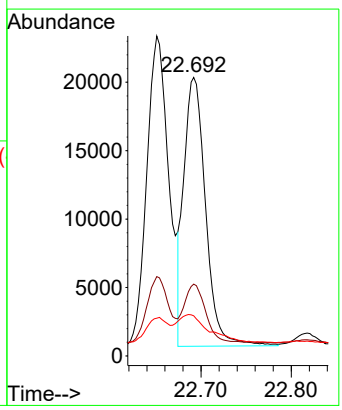


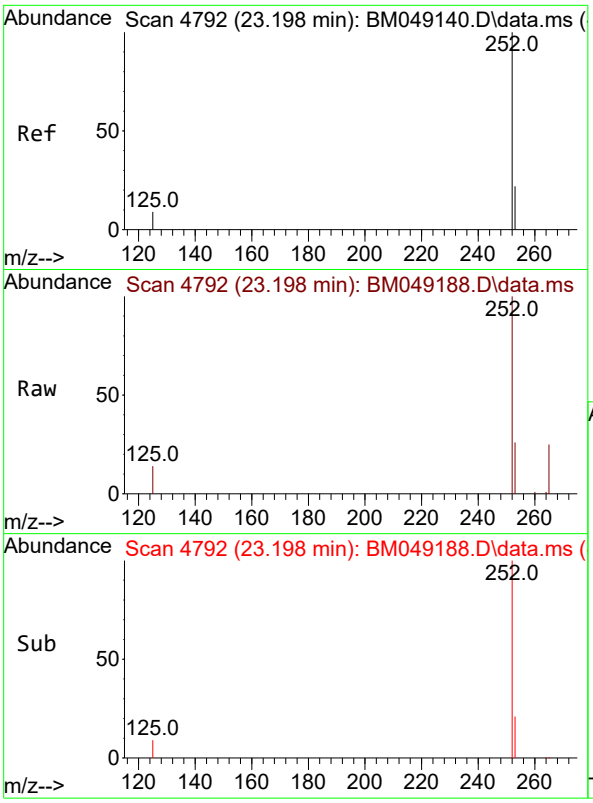


#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul
RT: 22.692 min Scan# 4619
Delta R.T. -0.015 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Tgt Ion:252 Resp: 32830

Ion	Ratio	Lower	Upper
252	100		
253	25.8	21.3	31.9
125	14.4	12.6	18.8



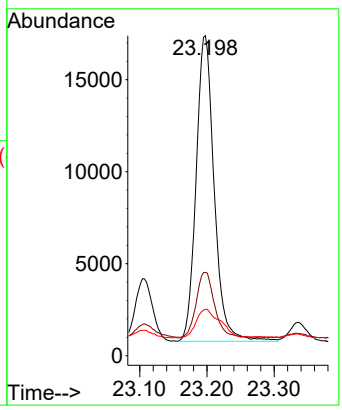


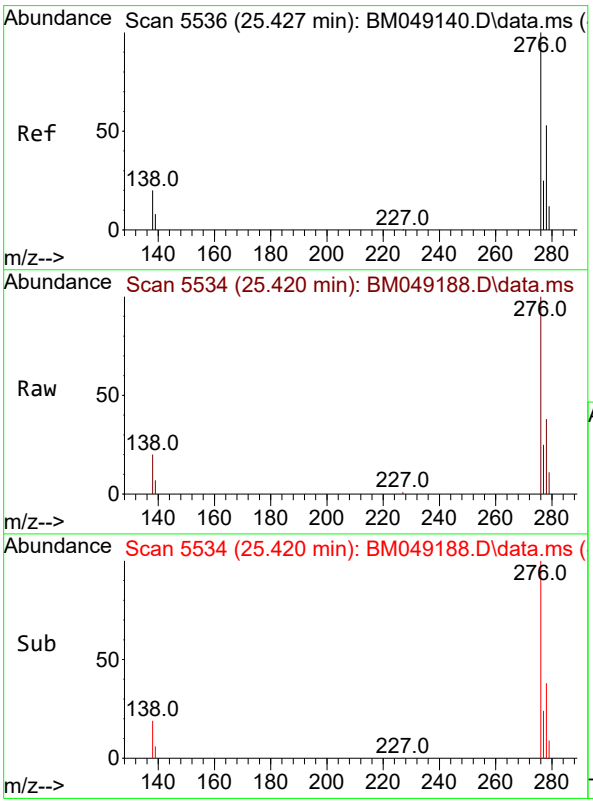
#26
Benzo(a)pyrene
Concen: 0.398 ng/ul
RT: 23.198 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 31028

Ion	Ratio	Lower	Upper
252	100		
253	26.1	22.4	33.6
125	14.4	14.8	22.2#

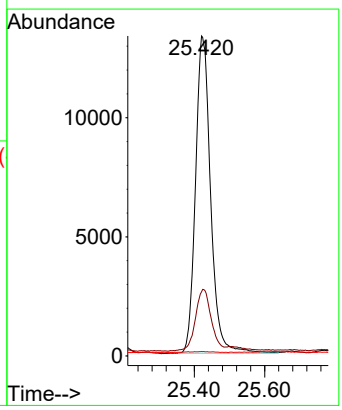


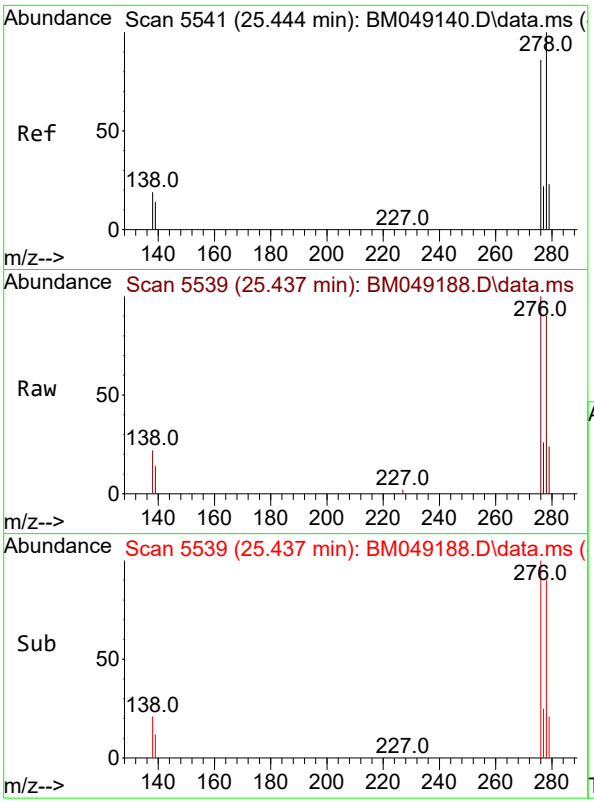


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng/ul
RT: 25.420 min Scan# 5534
Delta R.T. -0.027 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Tgt Ion:276 Resp: 39679

Ion	Ratio	Lower	Upper
276	100		
138	22.1	17.4	26.2
227	0.2	0.2	0.2



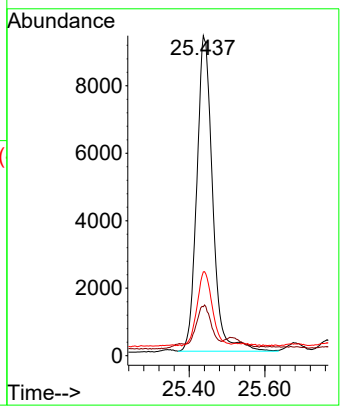


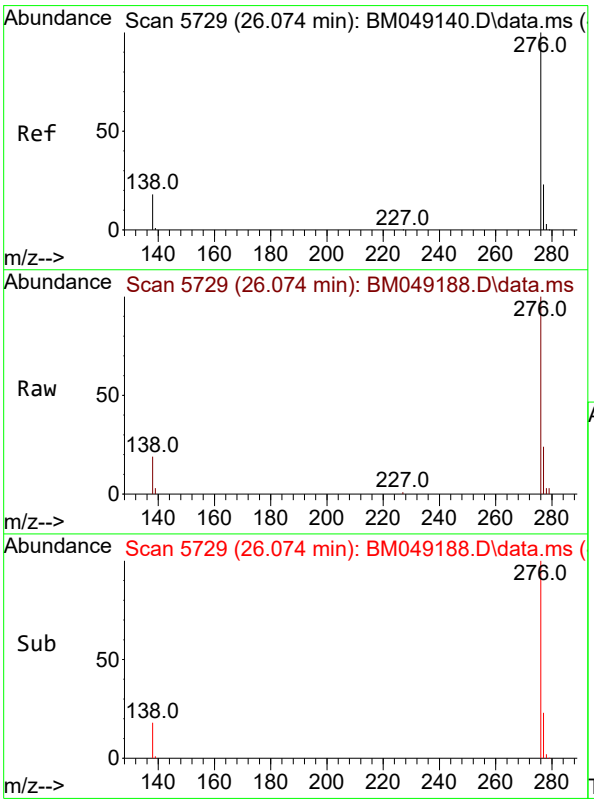
#28
Dibenzo(a,h)anthracene
Concen: 0.317 ng/ul
RT: 25.437 min Scan# 5
Delta R.T. -0.030 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 27172

Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.5	20.3
279	26.2	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 26.074 min Scan# 5729
Delta R.T. -0.020 min
Lab File: BM049188.D
Acq: 24 Dec 2024 17:06

Tgt Ion:276 Resp: 33453

Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.7	25.1
277	24.2	19.9	29.9