Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049137.D
Acq On : 21 Dec 2024 14:25
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

Quant Time: Dec 22 23:08:16 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	7.560	152	7919	0.400	ng/ul	0.00
4) Naphthalene-d8	10.320	136	25020	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.192	164	14410	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	29057	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	23212	0.400	ng/ul	0.00
23) Perylene-d12	23.299	264	24766	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	3584	0.392	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	13784	0.410	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	27603	0.419	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.185	88	3998	0.375	ng/ul#	84
5) Naphthalene	10.370	128	24823	0.396	ng/ul	99
7) 2-Methylnaphthalene	11.992	142	16103	0.406	ng/ul	98
8) 1-Methylnaphthalene	12.212	142	16455	0.405	ng/ul	100
10) Acenaphthylene	13.910	152	23726	0.397	ng/ul	100
11) Acenaphthene	14.257	153	17541	0.402	ng/ul	99
12) Fluorene	15.251	166	19560	0.398	ng/ul	96
14) Pentachlorophenol	16.605	266	2401	0.299	ng/ul	99
15) Phenanthrene	16.985	178	30113	0.397	ng/ul	99
16) Anthracene	17.078	178	27922	0.401	ng/ul	100
19) Fluoranthene	19.007	202	35167	0.419	ng/ul	99
20) Pyrene	19.369	202	36902	0.412	ng/ul	99
21) Benzo(a)anthracene	21.128	228	31887	0.395	ng/ul	99
22) Chrysene	21.181	228	34145	0.394	ng/ul	100
24) Benzo(b)fluoranthene	22.659	252	31791	0.402	ng/ul	97
25) Benzo(k)fluoranthene	22.703	252	35960	0.414	ng/ul	97
26) Benzo(a)pyrene	23.206	252	30690	0.404	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.437	276	41790	0.389	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.453	278	32362	0.388	ng/ul	98
29) Benzo(g,h,i)perylene	26.087	276	33631	0.389	ng/ul	98

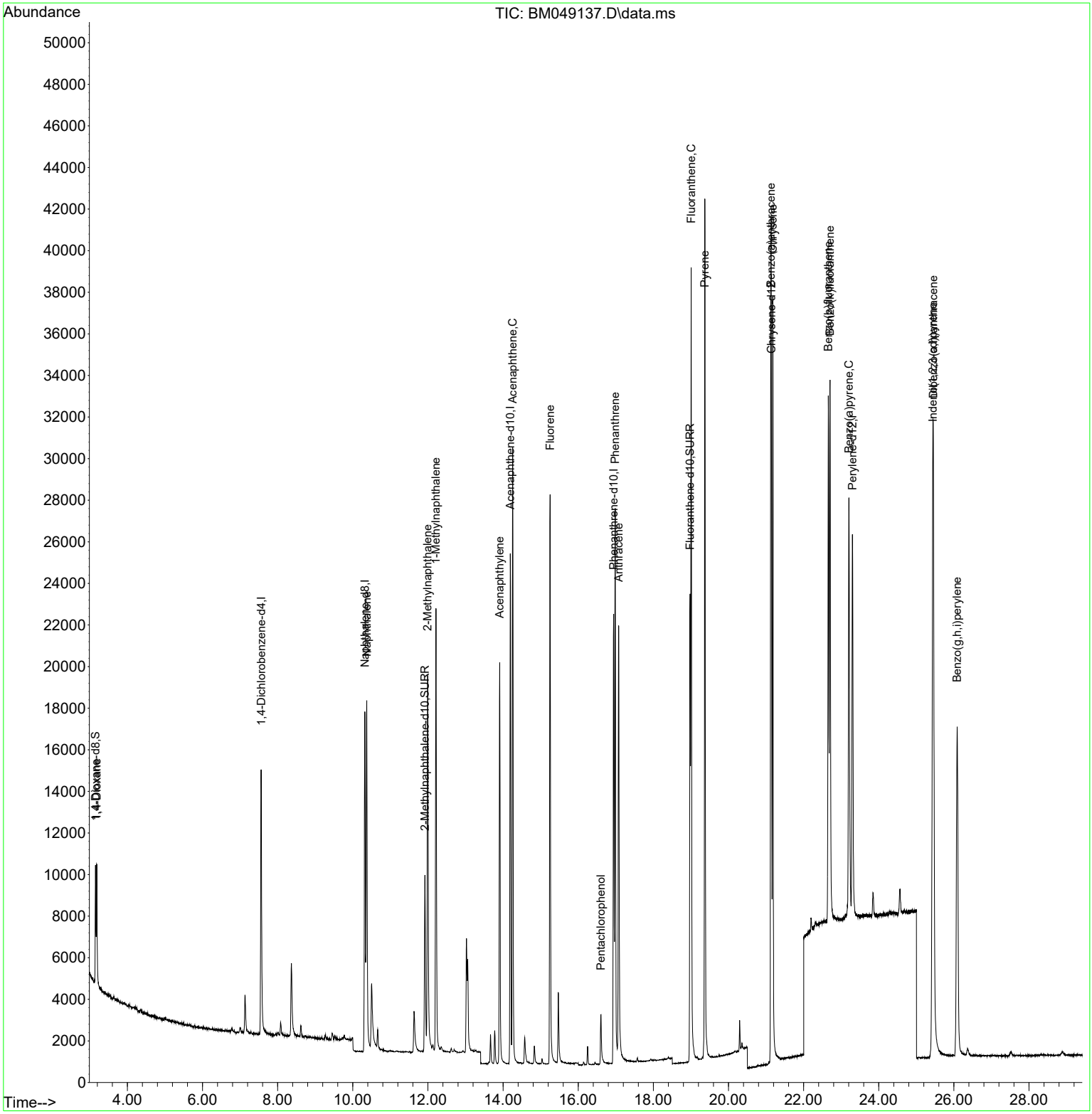
(#) = qualifier out of range (m) = manual integration (+) = signals summed

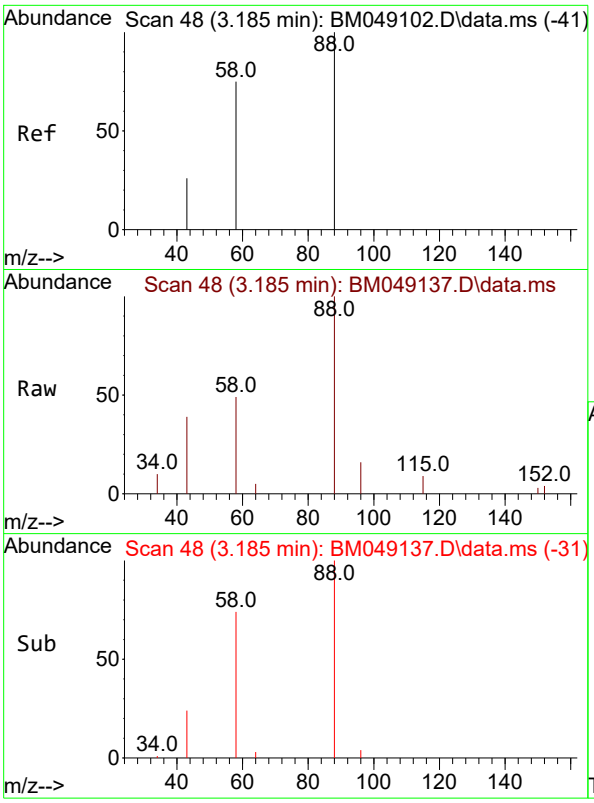
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049137.D
Acq On : 21 Dec 2024 14:25
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

Quant Time: Dec 22 23:08:16 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



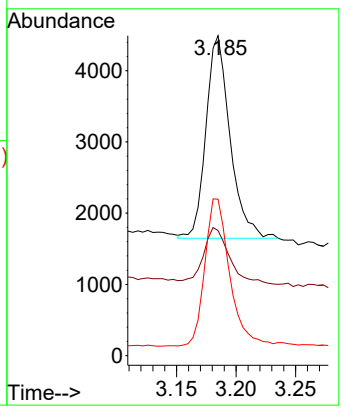


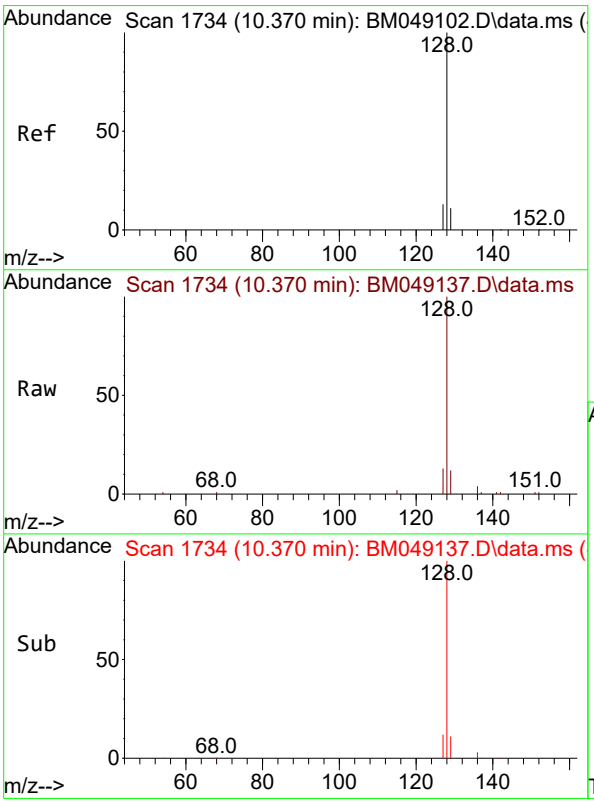
#2
1,4-Dioxane
Concen: 0.375 ng/ul
RT: 3.185 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

Tgt Ion: 88 Resp: 3998

Ion	Ratio	Lower	Upper
88	100		
43	39.1	45.4	68.2#
58	48.9	43.6	65.4

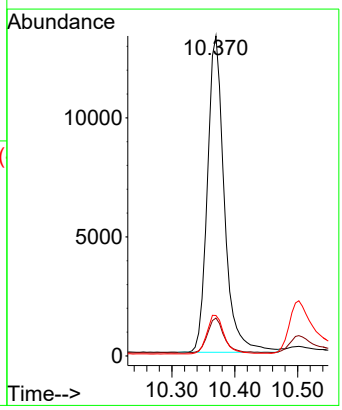


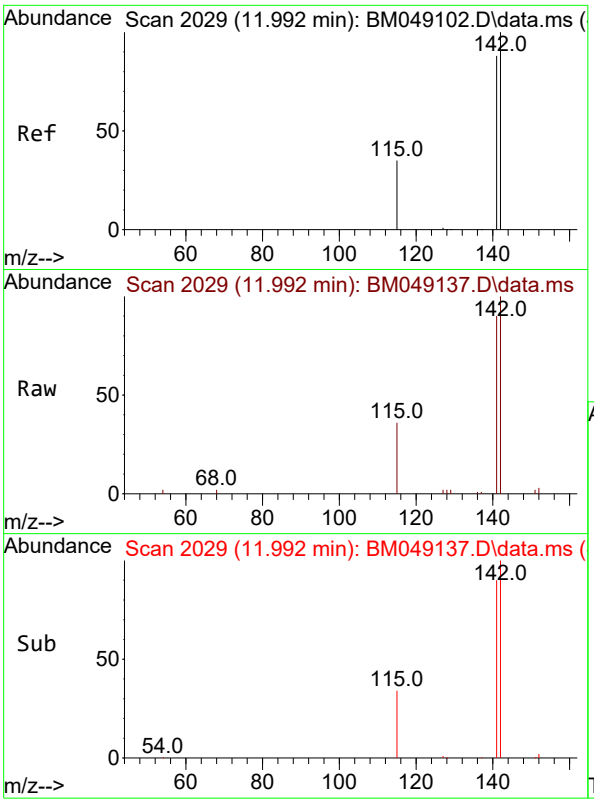


#5
Naphthalene
Concen: 0.396 ng/ul
RT: 10.370 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Tgt Ion:128 Resp: 24823

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.7	14.5
127	12.6	10.6	16.0



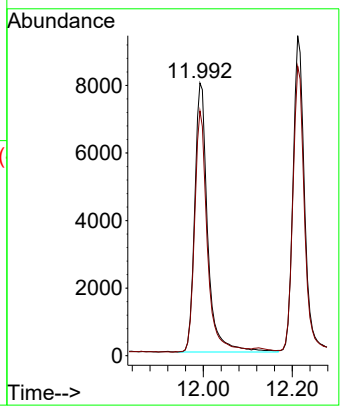


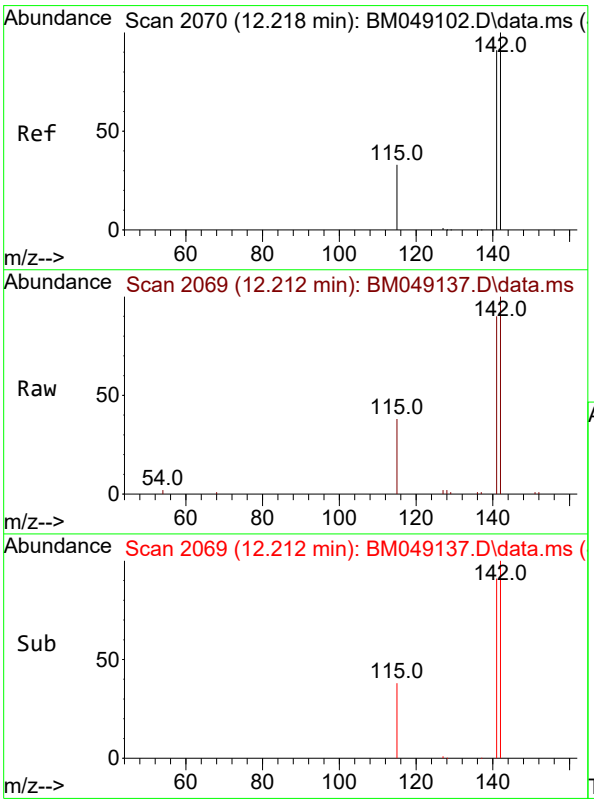
#7
2-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 11.992 min Scan# 2
Delta R.T. -0.010 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

Tgt Ion:142 Resp: 16103

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.7	107.5

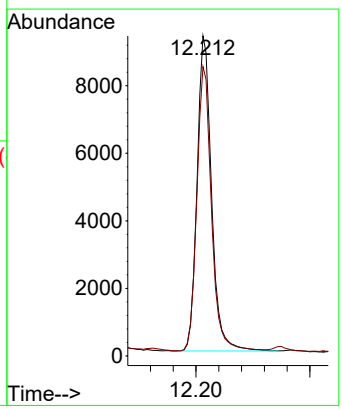


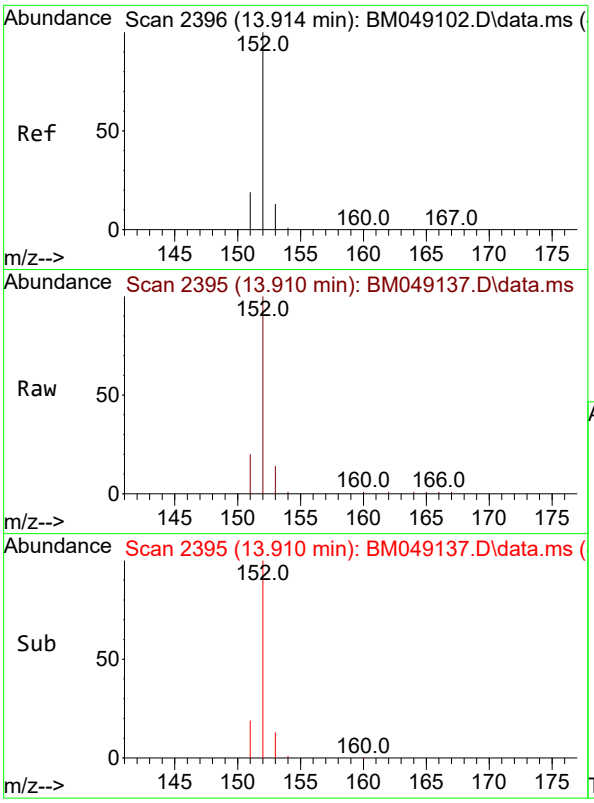


#8
1-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.212 min Scan# 2069
Delta R.T. -0.010 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Tgt Ion:142 Resp: 16455

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.7	109.1



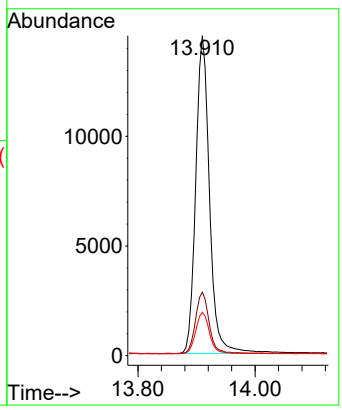


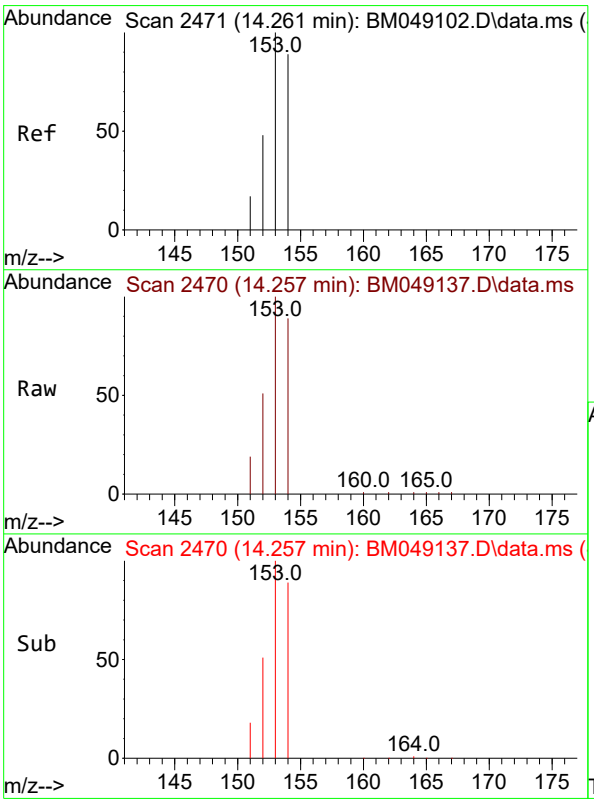
#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 13.910 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

Tgt Ion:152 Resp: 23726

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.5	11.0	16.6

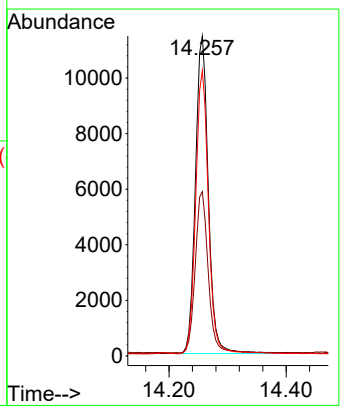


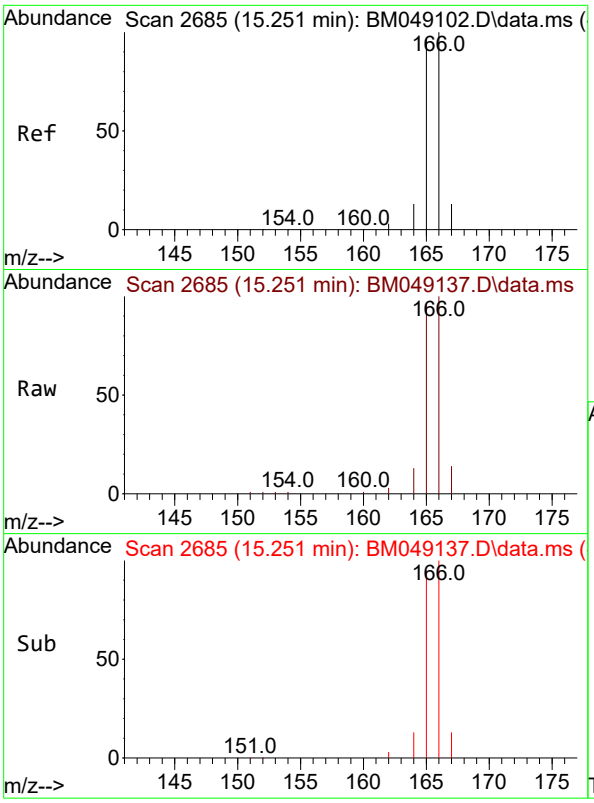


#11
Acenaphthene
Concen: 0.402 ng/ul
RT: 14.257 min Scan# 2470
Delta R.T. -0.008 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Tgt Ion:153 Resp: 17541

Ion	Ratio	Lower	Upper
153	100		
152	51.3	40.7	61.1
154	89.1	70.8	106.2



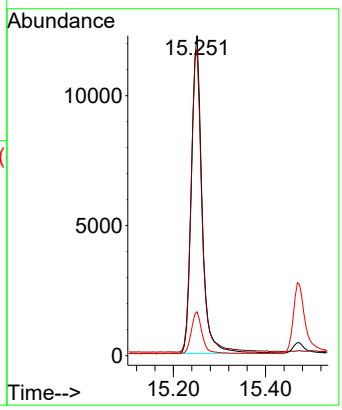


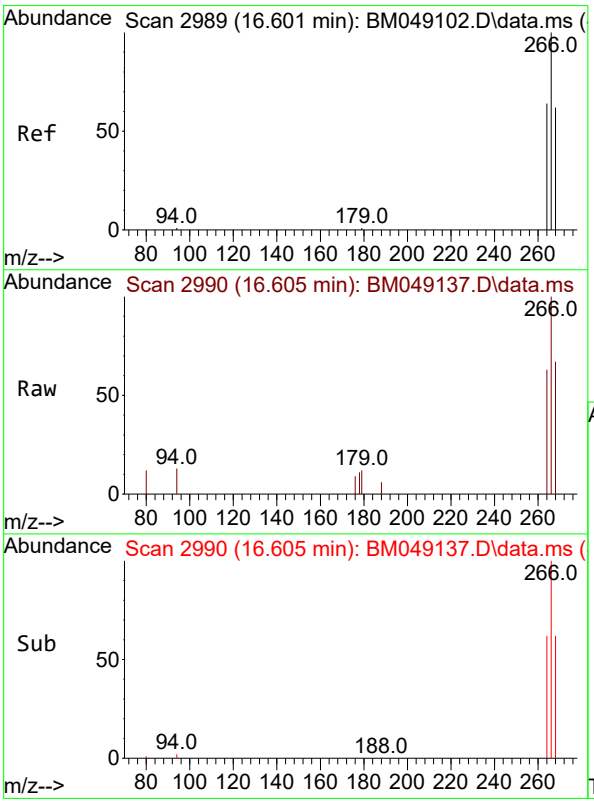
#12
Fluorene
Concen: 0.398 ng/ul
RT: 15.251 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

Tgt Ion:166 Resp: 19560

Ion	Ratio	Lower	Upper
166	100		
165	95.6	79.7	119.5
167	13.7	11.4	17.0

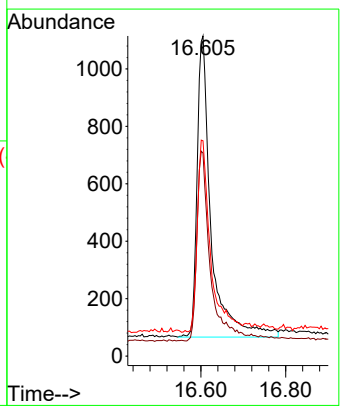


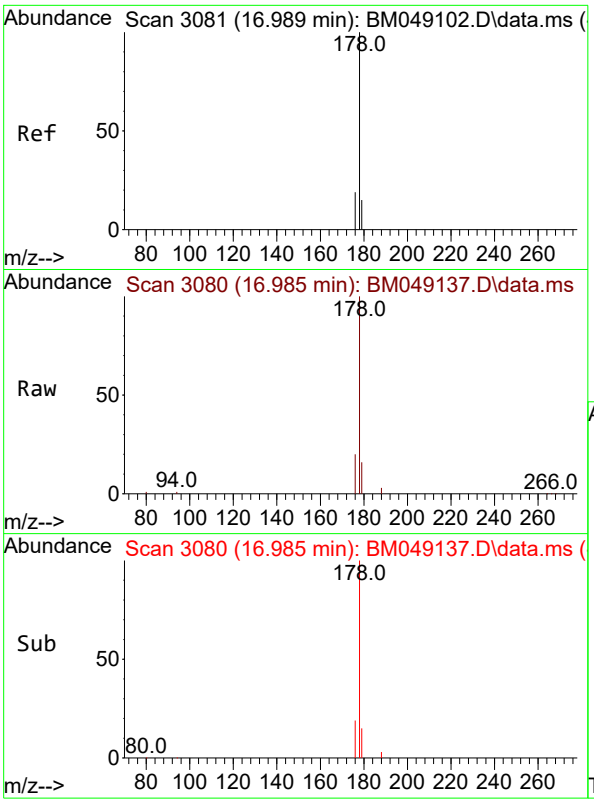


#14
Pentachlorophenol
Concen: 0.299 ng/ul
RT: 16.605 min Scan# 2990
Delta R.T. -0.003 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Tgt Ion:266 Resp: 2401

Ion	Ratio	Lower	Upper
266	100		
264	62.2	48.3	72.5
268	59.7	47.5	71.3



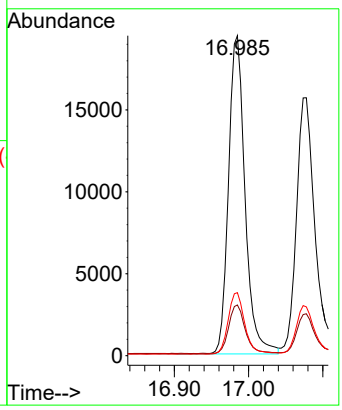


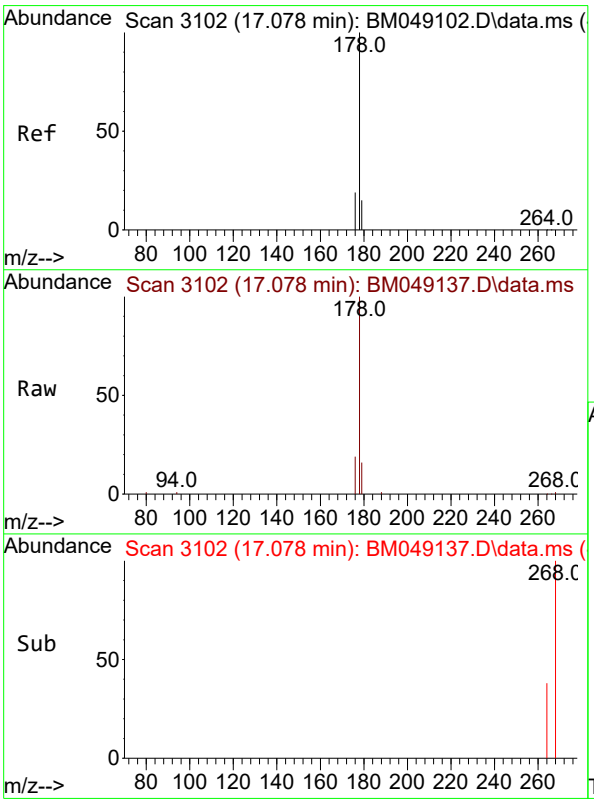
#15
Phenanthrene
Concen: 0.397 ng/ul
RT: 16.985 min Scan# 3
Delta R.T. -0.007 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

Tgt Ion:178 Resp: 30113

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.4
176	19.7	16.2	24.2

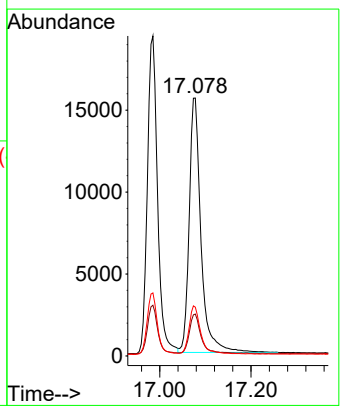


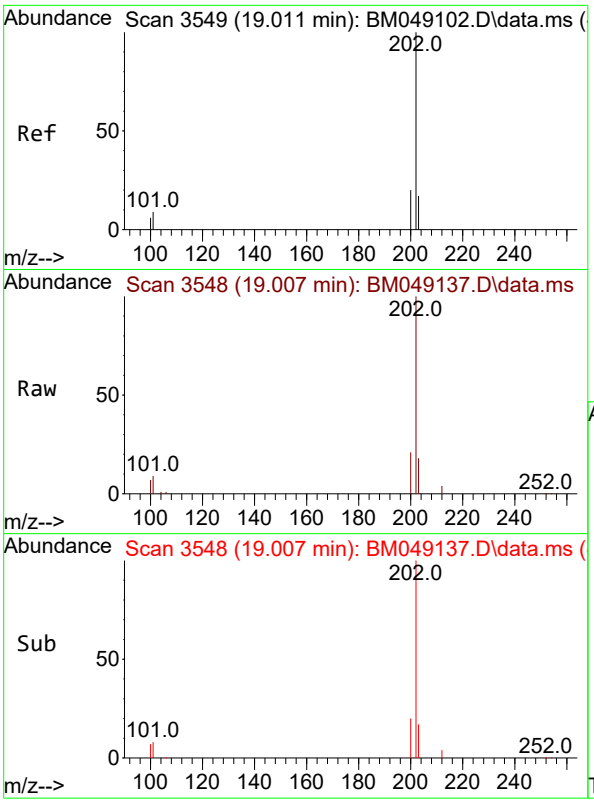


#16
Anthracene
Concen: 0.401 ng/ul
RT: 17.078 min Scan# 3102
Delta R.T. -0.007 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Tgt Ion:178 Resp: 27922

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	19.0	15.3	22.9



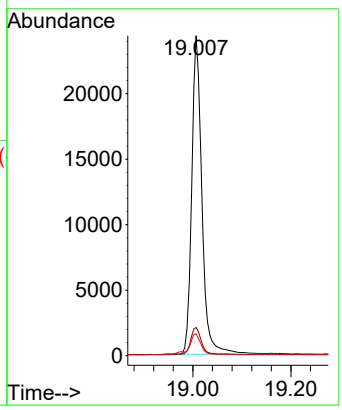


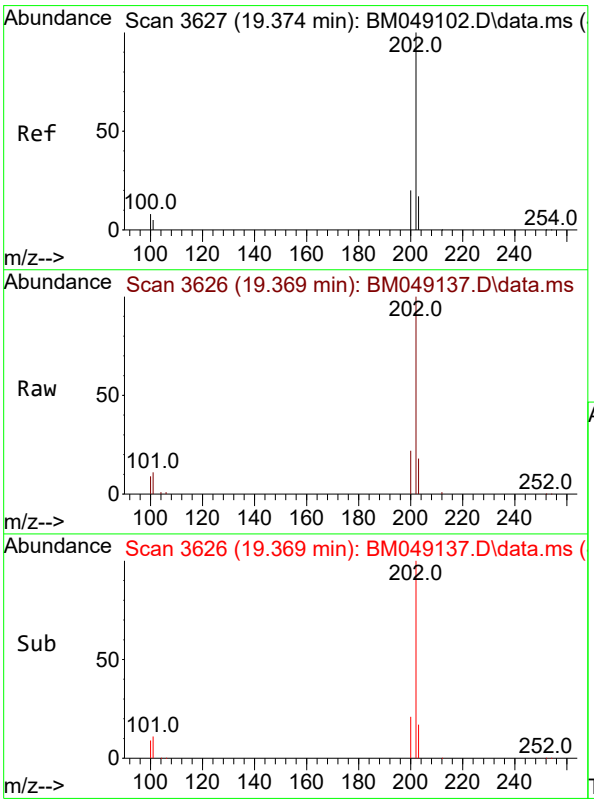
#19
Fluoranthene
Concen: 0.419 ng/ul
RT: 19.007 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

Tgt Ion:202 Resp: 35167

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.6	11.4
100	6.8	5.5	8.3

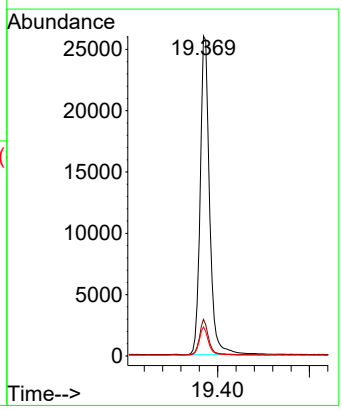


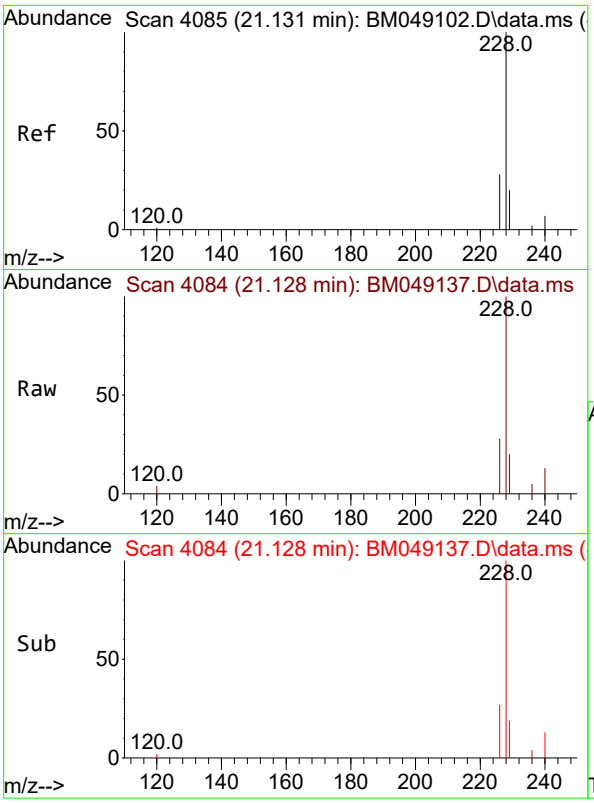


#20
Pyrene
Concen: 0.412 ng/ul
RT: 19.369 min Scan# 3626
Delta R.T. -0.008 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Tgt Ion:202 Resp: 36902

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.9	13.3
100	9.1	6.9	10.3



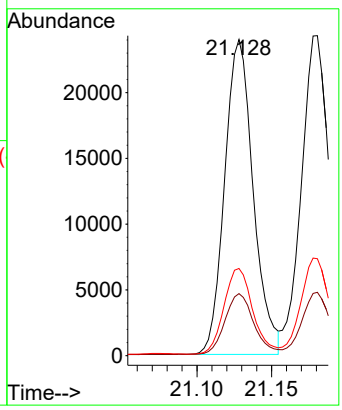


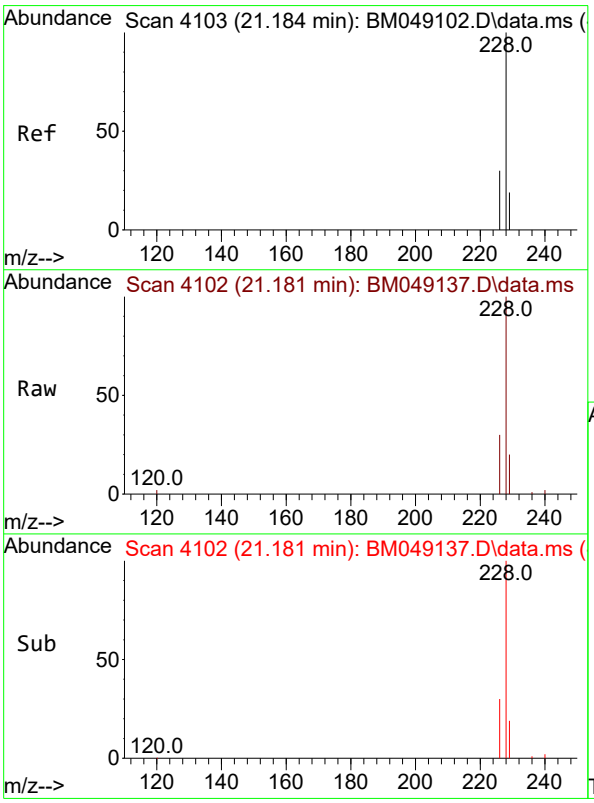
#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.128 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

Tgt Ion:228 Resp: 31887

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.9	23.9
226	27.6	22.6	34.0

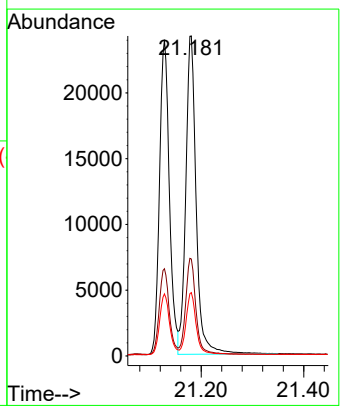


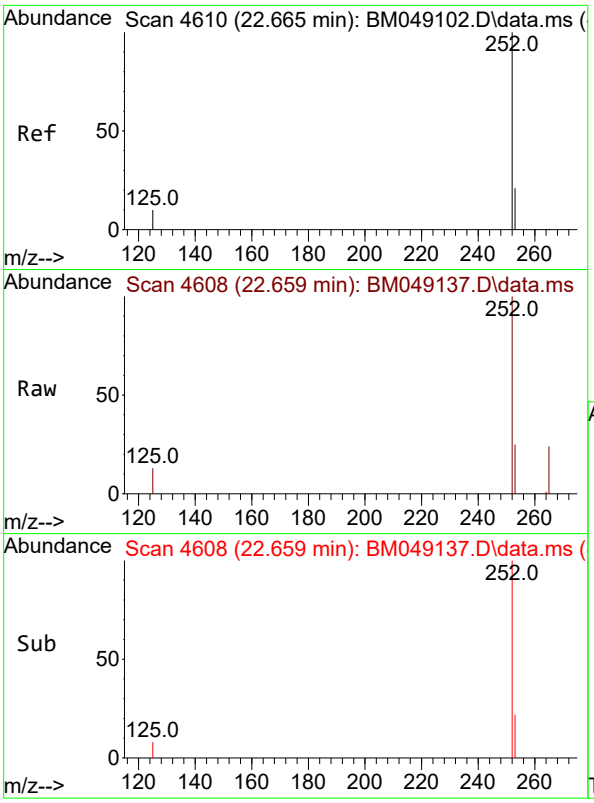


#22
Chrysene
Concen: 0.394 ng/ul
RT: 21.181 min Scan# 4102
Delta R.T. -0.003 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Tgt Ion:228 Resp: 34145

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.8	15.8	23.8



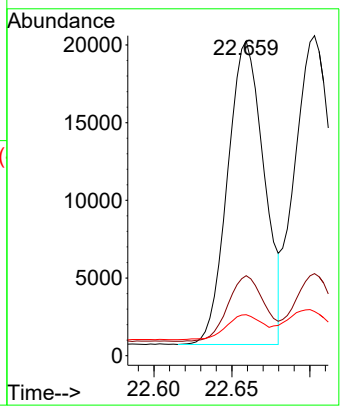


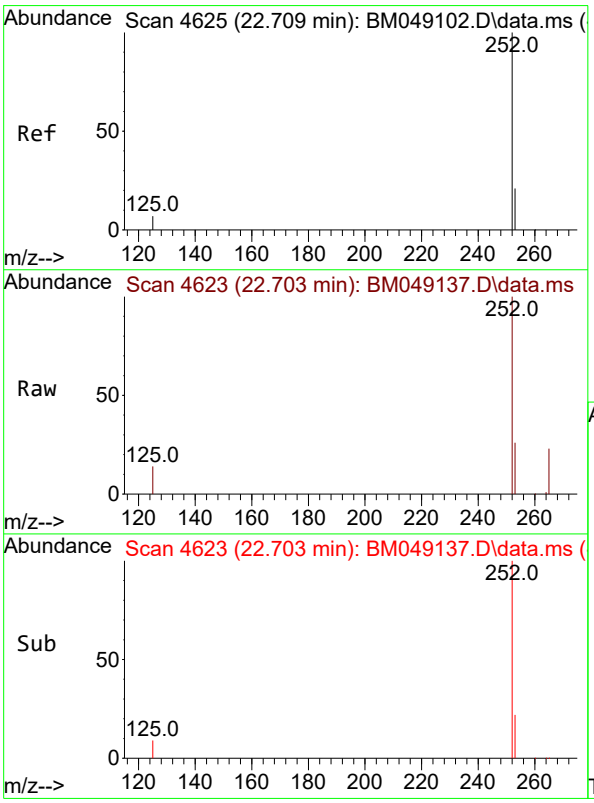
#24
Benzo(b)fluoranthene
Concen: 0.402 ng/ul
RT: 22.659 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

Tgt Ion:252 Resp: 31791

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	52.6
125	13.0	0.0	30.8

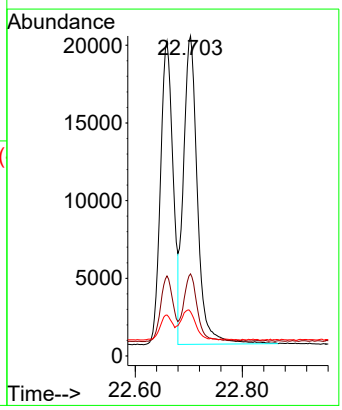


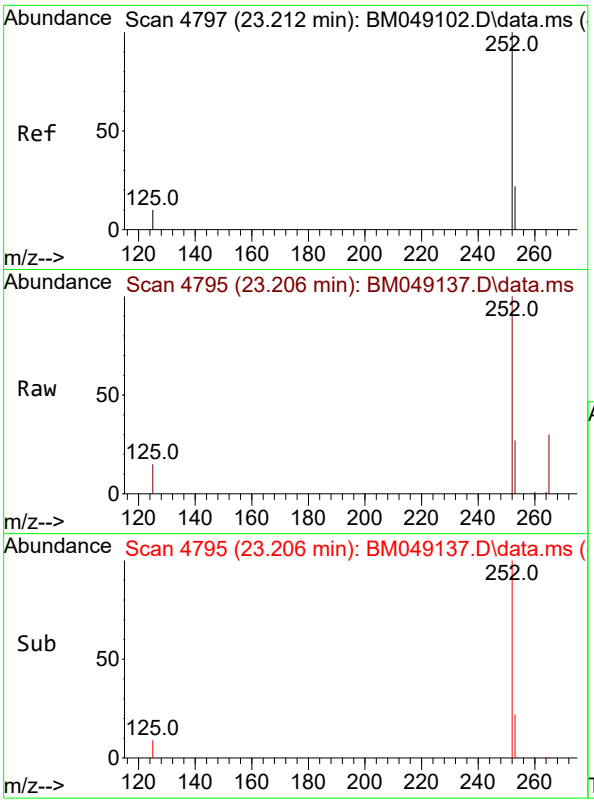


#25
Benzo(k)fluoranthene
Concen: 0.414 ng/ul
RT: 22.703 min Scan# 4623
Delta R.T. -0.003 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Tgt Ion:252 Resp: 35960

Ion	Ratio	Lower	Upper
252	100		
253	25.7	21.3	31.9
125	13.8	12.6	18.8



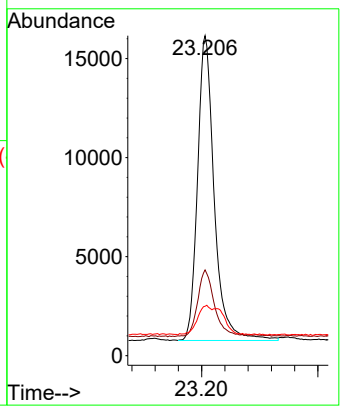


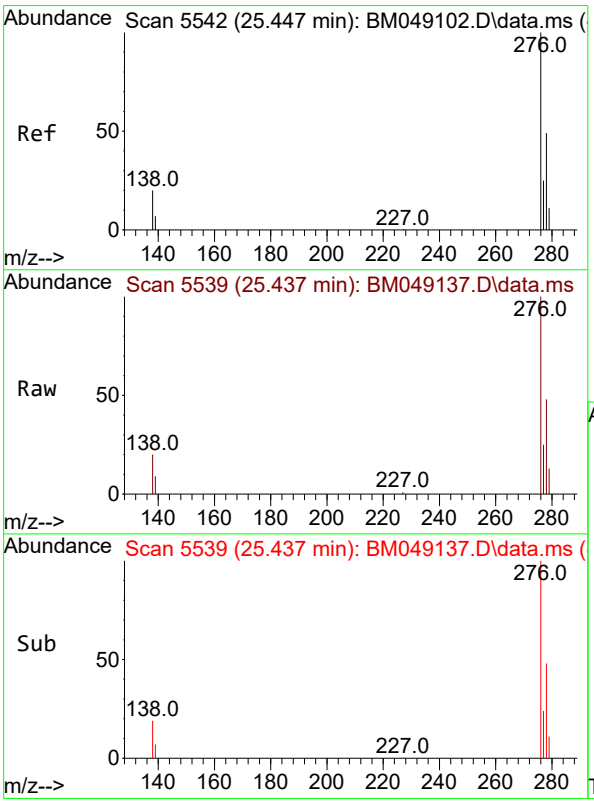
#26
Benzo(a)pyrene
Concen: 0.404 ng/ul
RT: 23.206 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

Tgt Ion:252 Resp: 30690

Ion	Ratio	Lower	Upper
252	100		
253	26.8	22.4	33.6
125	15.5	14.8	22.2

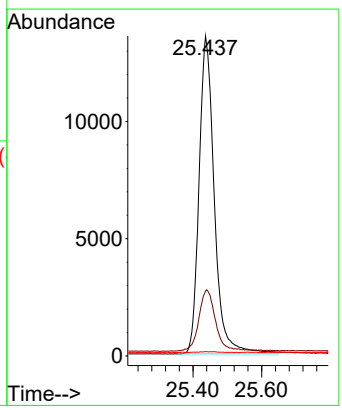


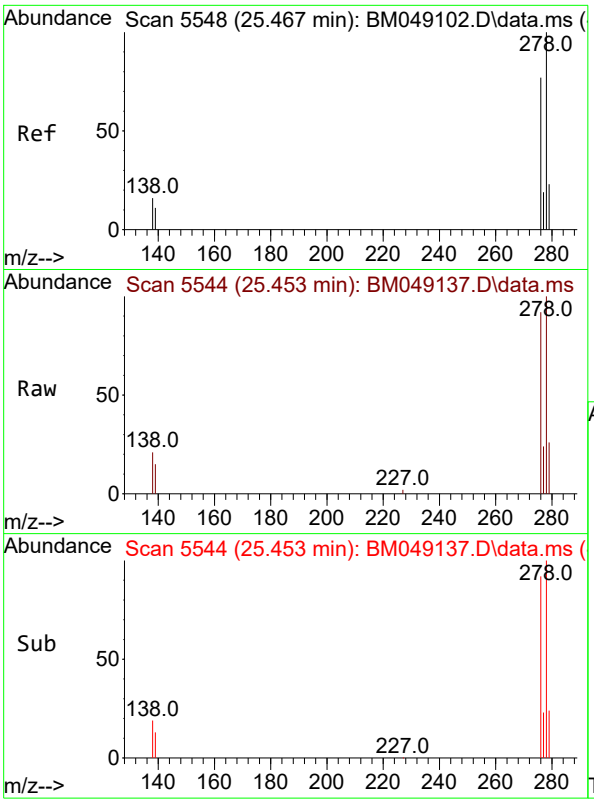


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 25.437 min Scan# 5539
Delta R.T. -0.011 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Tgt Ion:276 Resp: 41790

Ion	Ratio	Lower	Upper
276	100		
138	21.3	17.4	26.2
227	0.1	0.2	0.2#



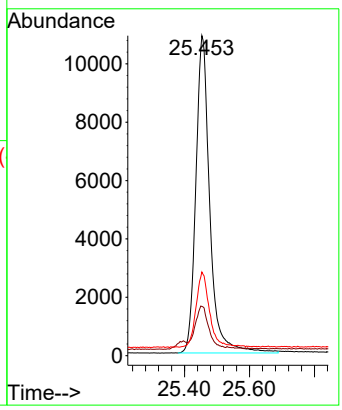


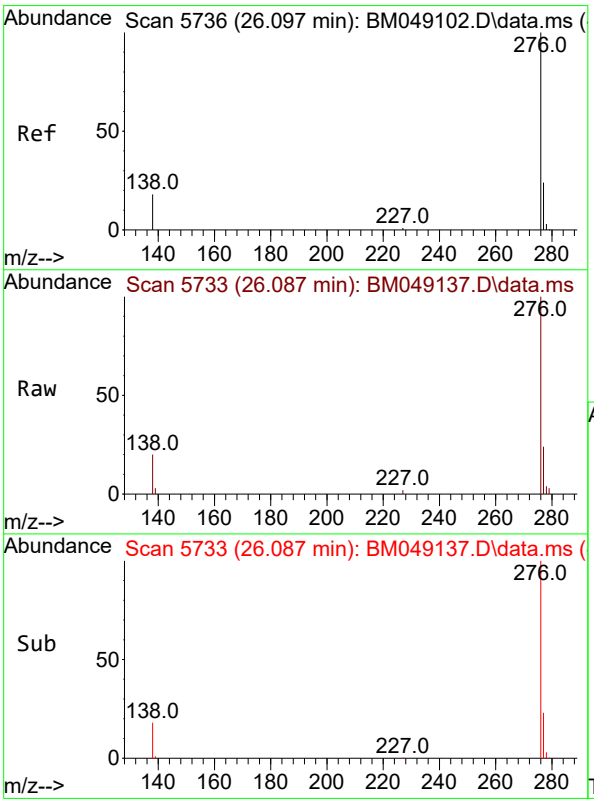
#28
Dibenzo(a,h)anthracene
Concen: 0.388 ng/ul
RT: 25.453 min Scan# 5
Delta R.T. -0.014 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

Tgt Ion:278 Resp: 32362

Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.5	20.3
279	26.2	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.389 ng/ul
RT: 26.087 min Scan# 5733
Delta R.T. -0.007 min
Lab File: BM049137.D
Acq: 21 Dec 2024 14:25

Tgt Ion:276 Resp: 33631

Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.7	25.1
277	24.4	19.9	29.9