Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049136.D
Acq On : 21 Dec 2024 13:13
Operator : RC/JU
Sample : PB165708BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS708

Quant Time: Dec 22 23:08:03 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	10029	0.400	ng/ul	0.00
4) Naphthalene-d8	10.319	136	32204	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.191	164	19025	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	38319	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	30497	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	32690	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	7060	0.610	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.919	152	16145	0.373	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	32972	0.381	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.185	88	19726	1.459	ng/ul#	75
5) Naphthalene	10.369	128	27078	0.336	ng/ul	99
7) 2-Methylnaphthalene	11.991	142	17747	0.347	ng/ul	97
8) 1-Methylnaphthalene	12.211	142	17905	0.342	ng/ul	100
10) Acenaphthylene	13.909	152	26256	0.333	ng/ul	100
11) Acenaphthene	14.255	153	19069	0.331	ng/ul	99
12) Fluorene	15.250	166	21432	0.330	ng/ul	98
14) Pentachlorophenol	16.599	266	6142	0.580	ng/ul	96
15) Phenanthrene	16.984	178	33282	0.333	ng/ul	99
16) Anthracene	17.077	178	31148	0.339	ng/ul	100
19) Fluoranthene	19.005	202	39650	0.360	ng/ul	100
20) Pyrene	19.372	202	42309	0.360	ng/ul	98
21) Benzo(a)anthracene	21.129	228	38746	0.365	ng/ul	99
22) Chrysene	21.178	228	40103	0.352	ng/ul	99
24) Benzo(b)fluoranthene	22.660	252	38223	0.366	ng/ul	97
25) Benzo(k)fluoranthene	22.701	252	41318	0.361	ng/ul	97
26) Benzo(a)pyrene	23.206	252	36115	0.361	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.440	276	48554	0.343	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.457	278	37693	0.342	ng/ul	98
29) Benzo(g,h,i)perylene	26.087	276	39036	0.342	ng/ul	99

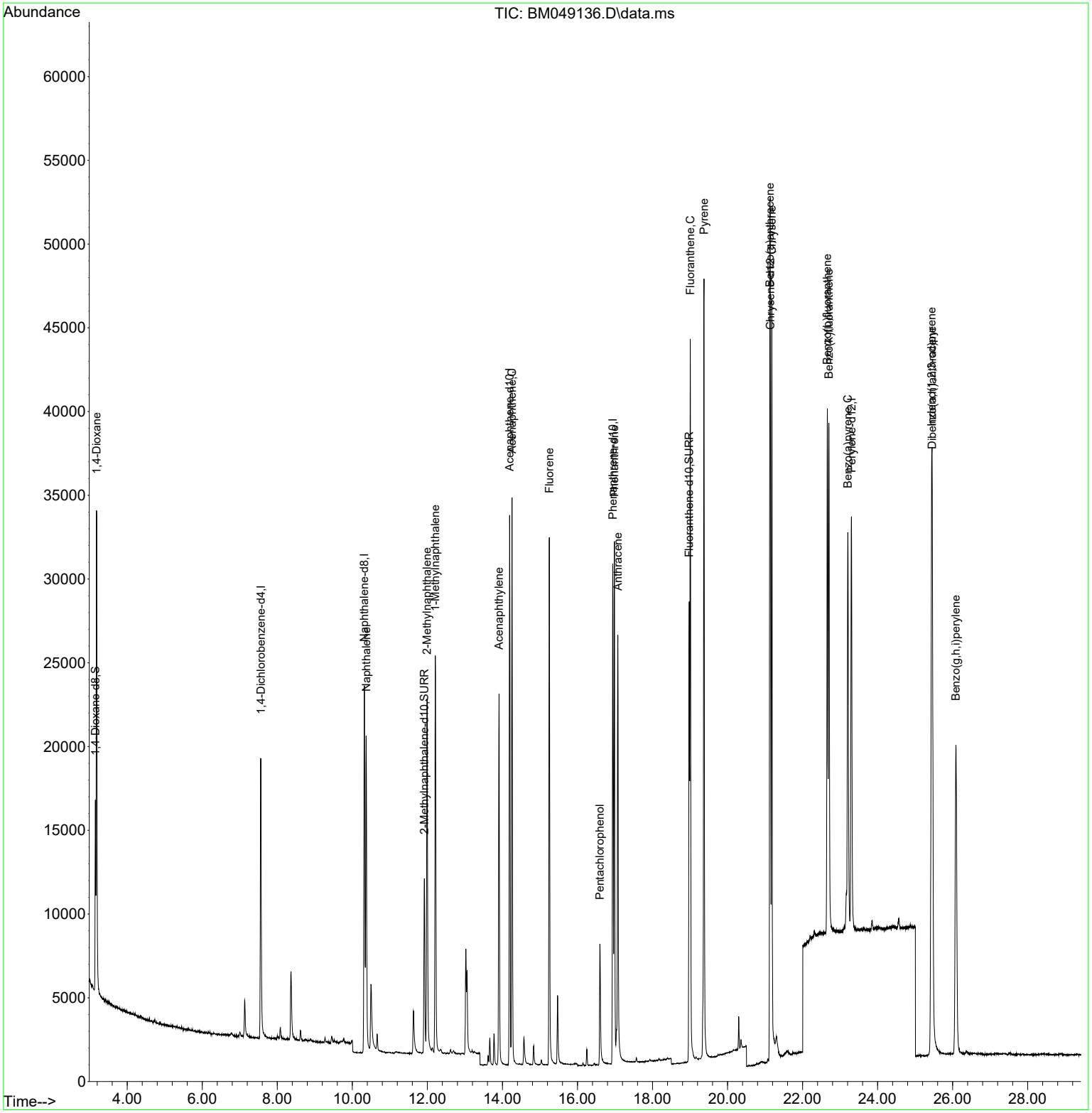
(#) = qualifier out of range (m) = manual integration (+) = signals summed

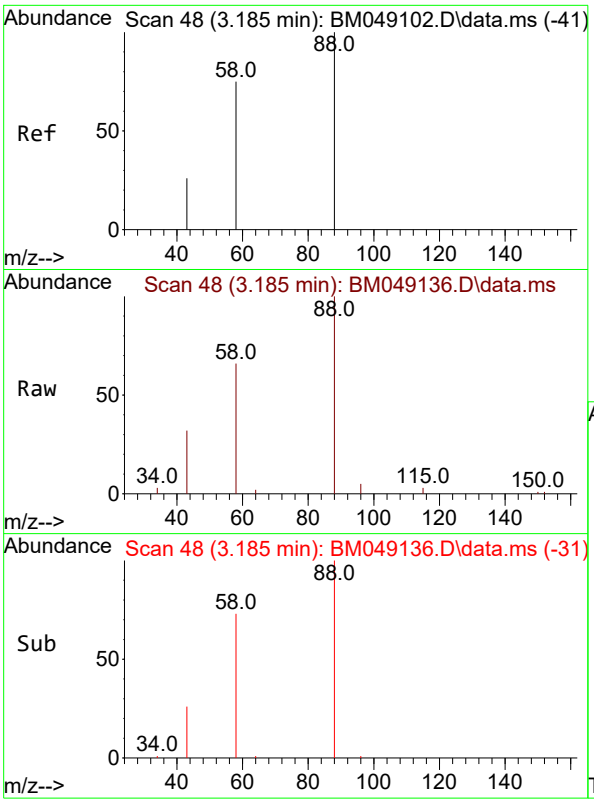
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049136.D
Acq On : 21 Dec 2024 13:13
Operator : RC/JU
Sample : PB165708BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS708

Quant Time: Dec 22 23:08:03 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



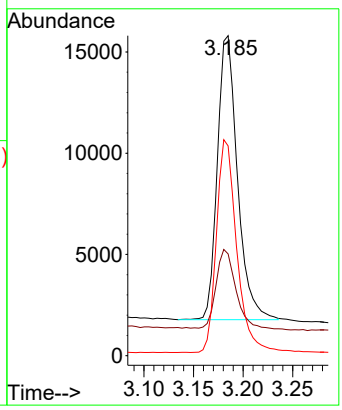


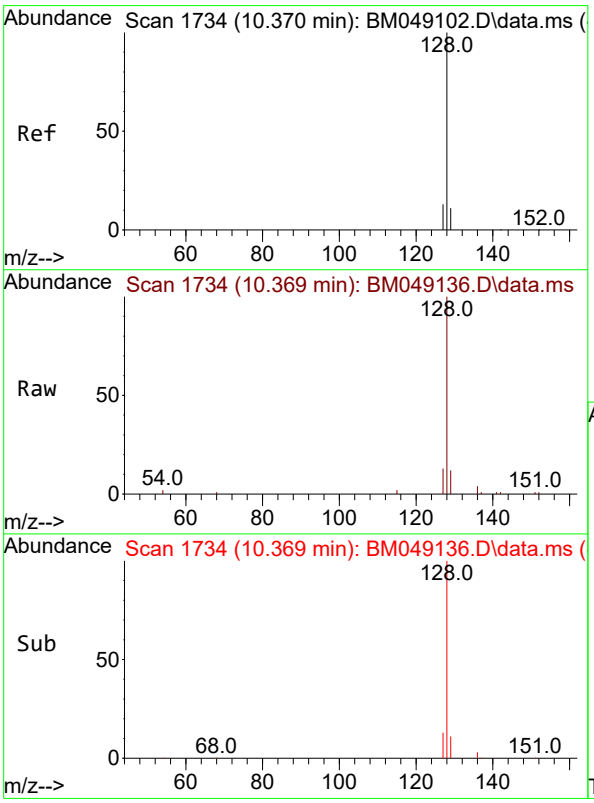
#2
1,4-Dioxane
Concen: 1.459 ng/ul
RT: 3.185 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Instrument :
BNA_M
ClientSampleId :
SLCS708

Tgt Ion: 88 Resp: 19726

Ion	Ratio	Lower	Upper
88	100		
43	31.8	45.4	68.2#
58	65.5	43.6	65.4#

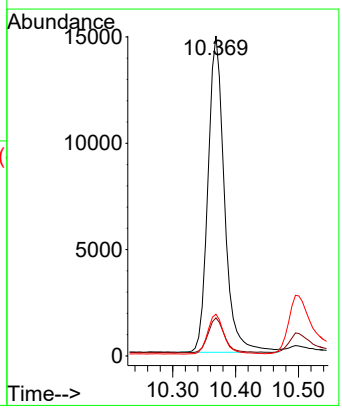


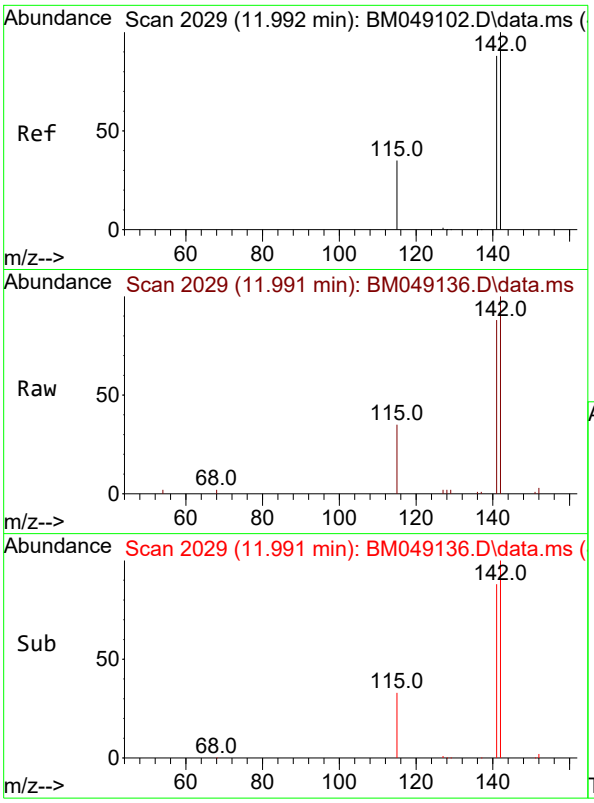


#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.369 min Scan# 1734
Delta R.T. -0.011 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Tgt Ion:128 Resp: 27078

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.7	14.5
127	13.1	10.6	16.0



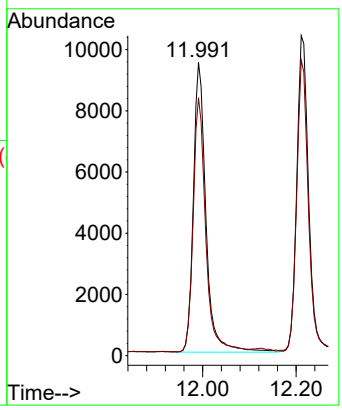


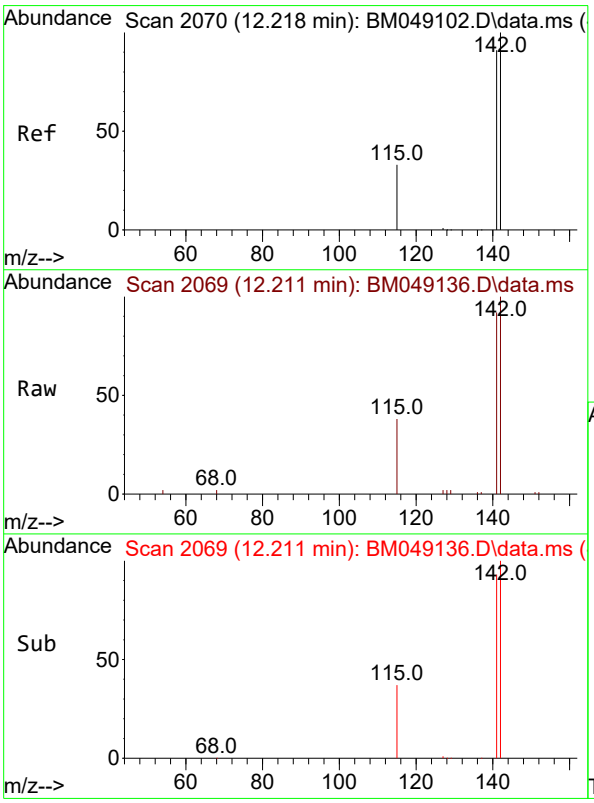
#7
2-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 11.991 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Instrument :
BNA_M
ClientSampleId :
SLCS708

Tgt Ion:142 Resp: 17747

Ion	Ratio	Lower	Upper
142	100		
141	86.9	71.7	107.5

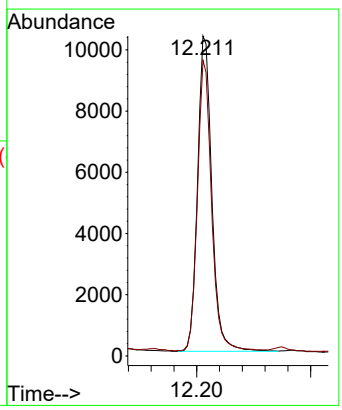


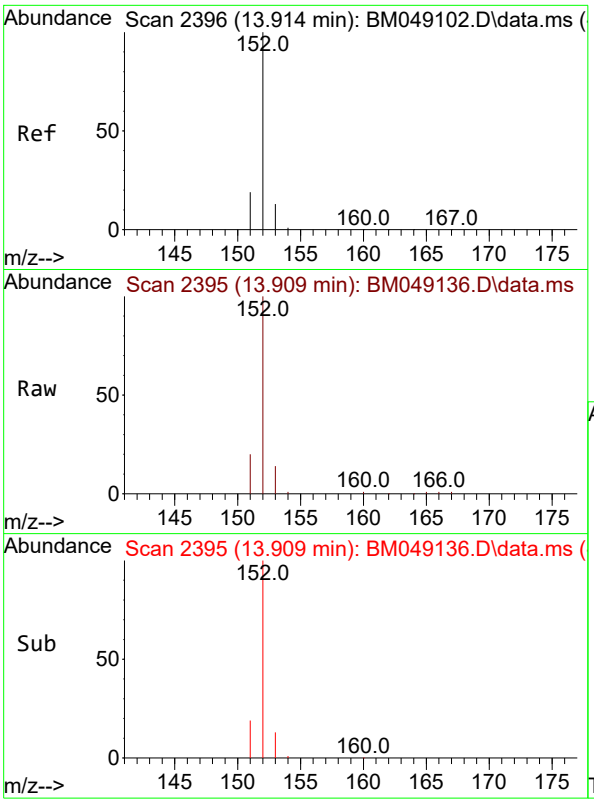


#8
1-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.211 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Tgt Ion:142 Resp: 17905

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.7	109.1



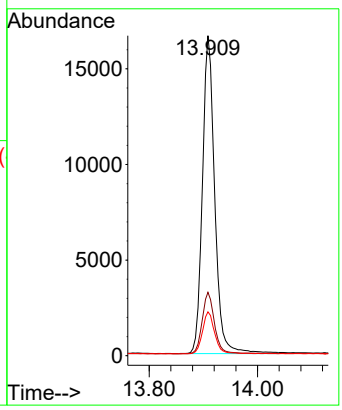


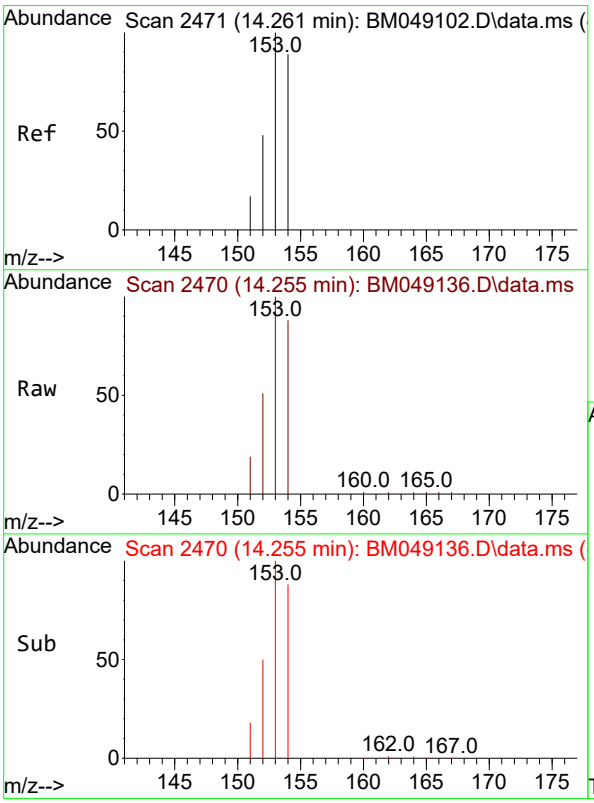
#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 13.909 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Instrument :
BNA_M
ClientSampleId :
SLCS708

Tgt Ion:152 Resp: 26256

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.7	11.0	16.6

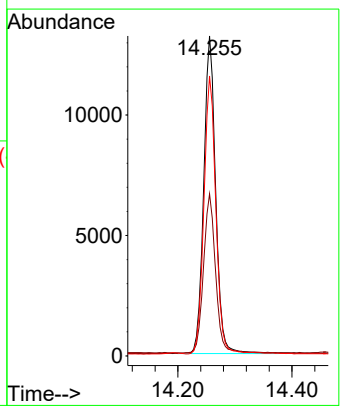


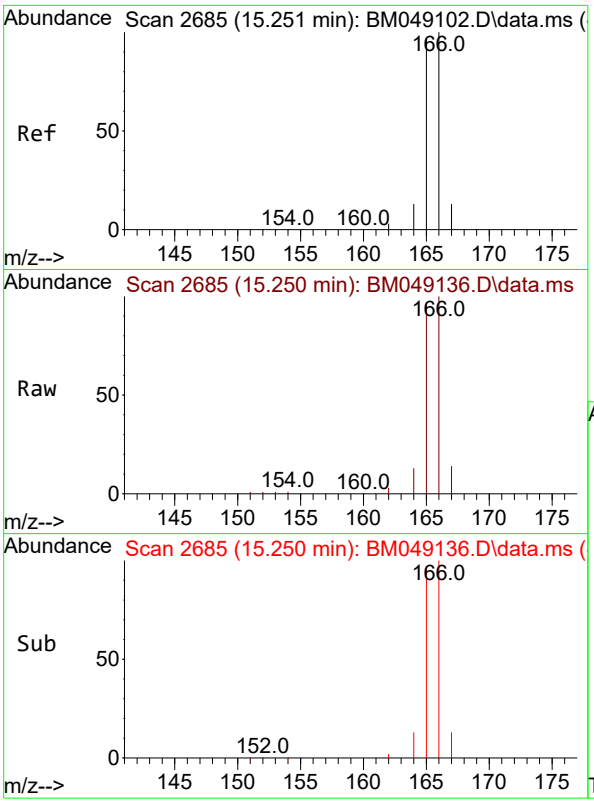


#11
Acenaphthene
Concen: 0.331 ng/ul
RT: 14.255 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Tgt Ion:153 Resp: 19069

Ion	Ratio	Lower	Upper
153	100		
152	50.7	40.7	61.1
154	87.5	70.8	106.2



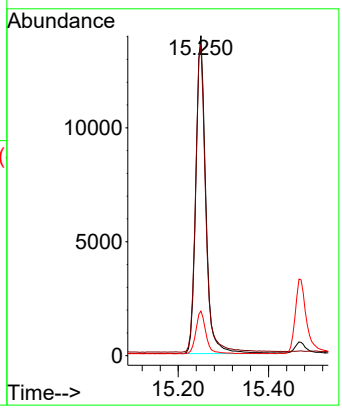


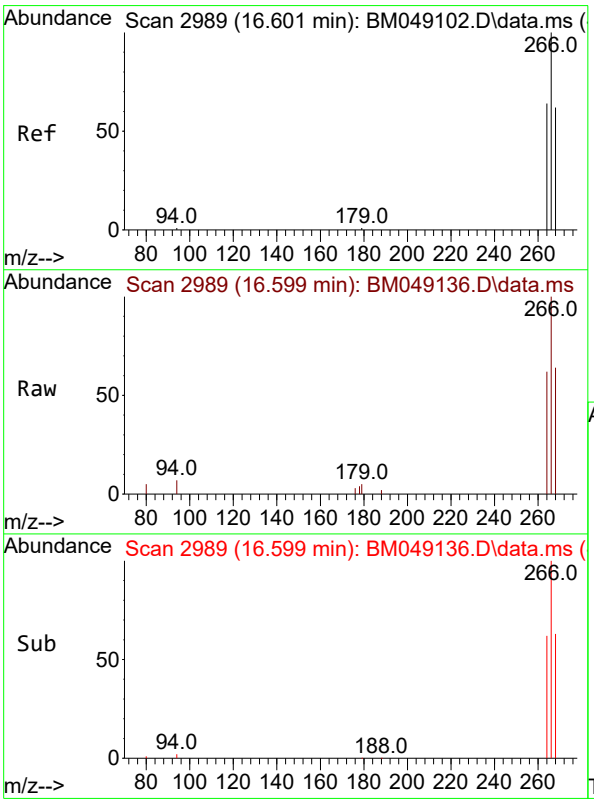
#12
Fluorene
Concen: 0.330 ng/ul
RT: 15.250 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Instrument :
BNA_M
ClientSampleId :
SLCS708

Tgt Ion:166 Resp: 21432

Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.7	119.5
167	13.9	11.4	17.0

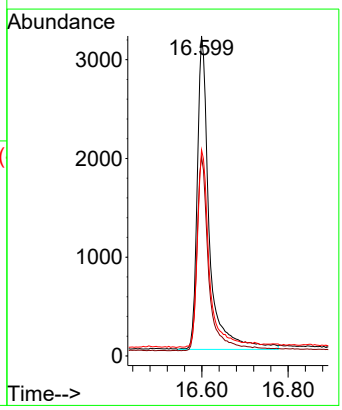


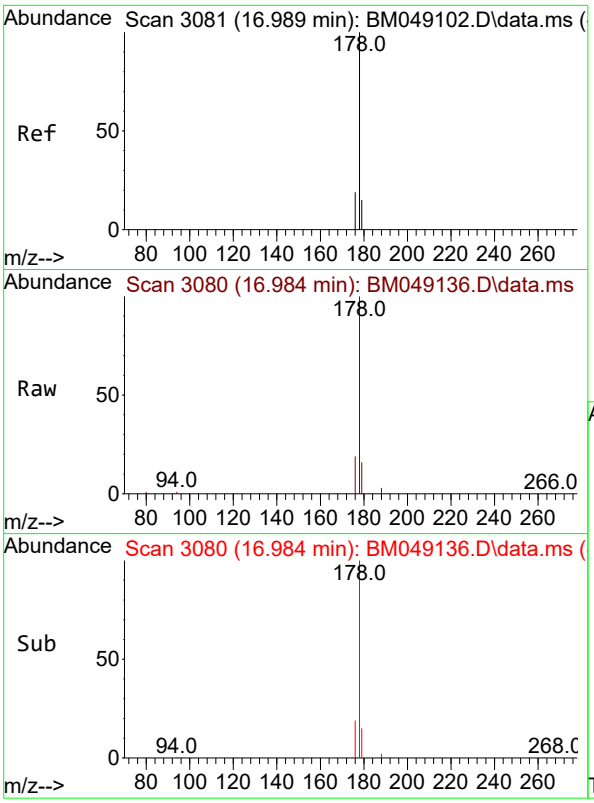


#14
Pentachlorophenol
Concen: 0.580 ng/ul
RT: 16.599 min Scan# 2989
Delta R.T. -0.008 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Tgt Ion:266 Resp: 6142

Ion	Ratio	Lower	Upper
266	100		
264	61.5	48.3	72.5
268	64.0	47.5	71.3



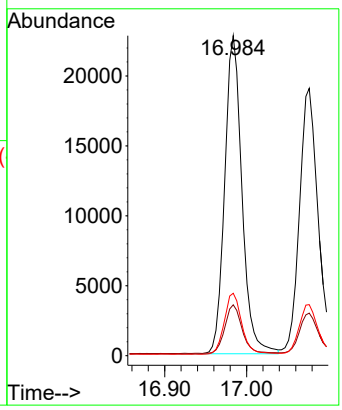


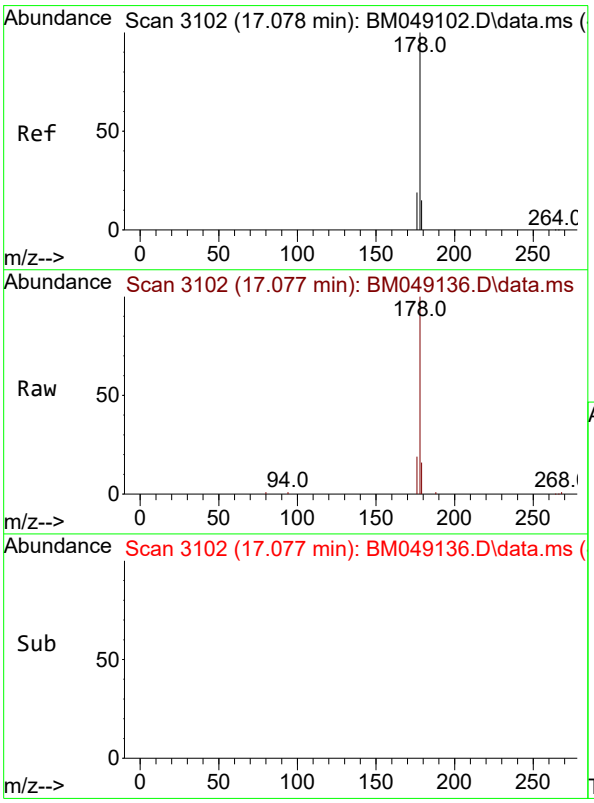
#15
Phenanthrene
Concen: 0.333 ng/ul
RT: 16.984 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Instrument :
BNA_M
ClientSampleId :
SLCS708

Tgt Ion:178 Resp: 33282

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.4
176	19.5	16.2	24.2

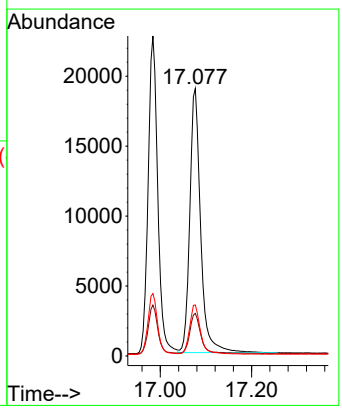


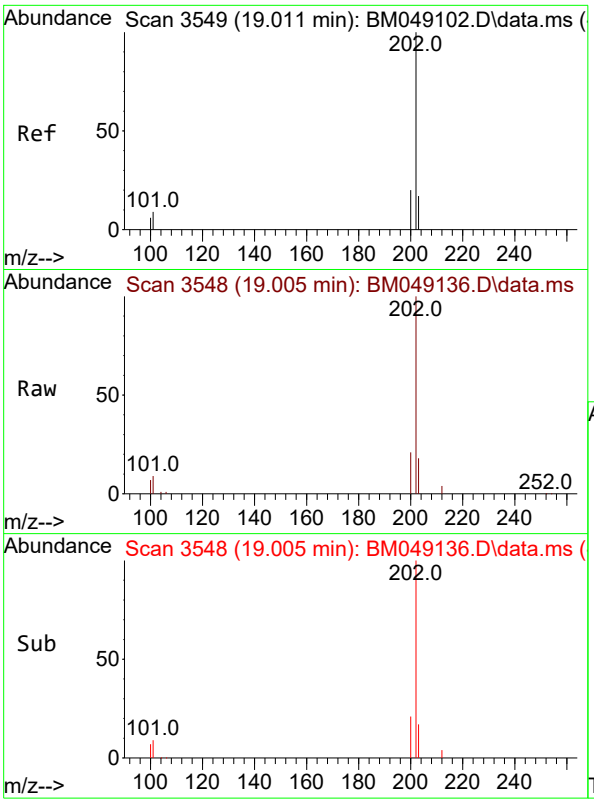


#16
Anthracene
Concen: 0.339 ng/ul
RT: 17.077 min Scan# 3102
Delta R.T. -0.008 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Tgt Ion:178 Resp: 31148

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.1	15.3	22.9



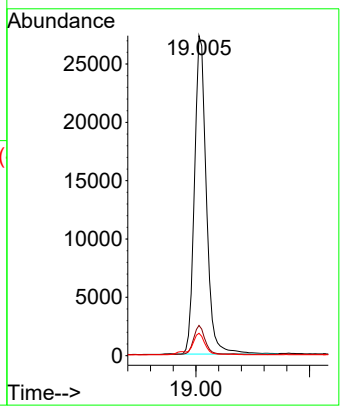


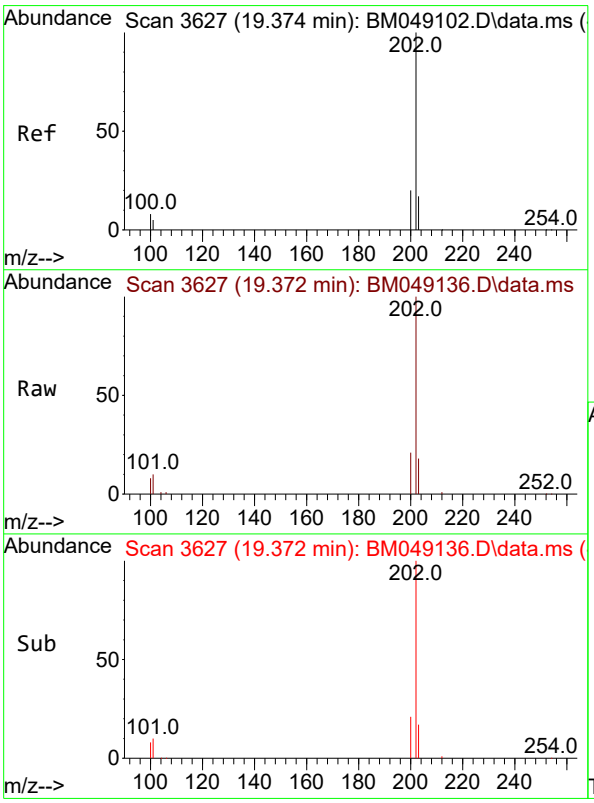
#19
Fluoranthene
Concen: 0.360 ng/ul
RT: 19.005 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Instrument :
BNA_M
ClientSampleId :
SLCS708

Tgt Ion:202 Resp: 39650

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.6	11.4
100	7.0	5.5	8.3

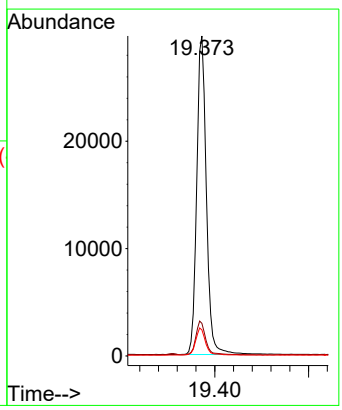


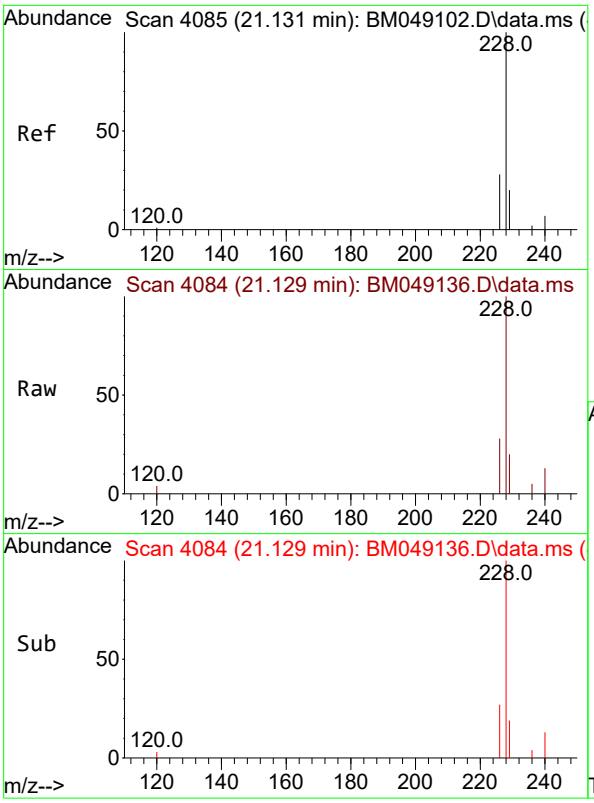


#20
Pyrene
Concen: 0.360 ng/ul
RT: 19.372 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Tgt Ion:202 Resp: 42309

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.9	13.3
100	8.2	6.9	10.3



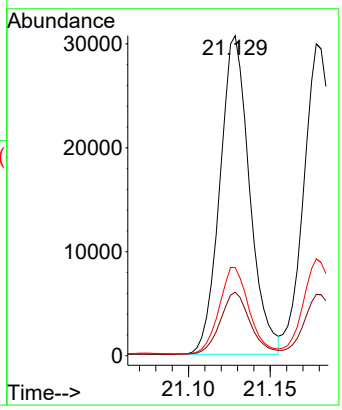


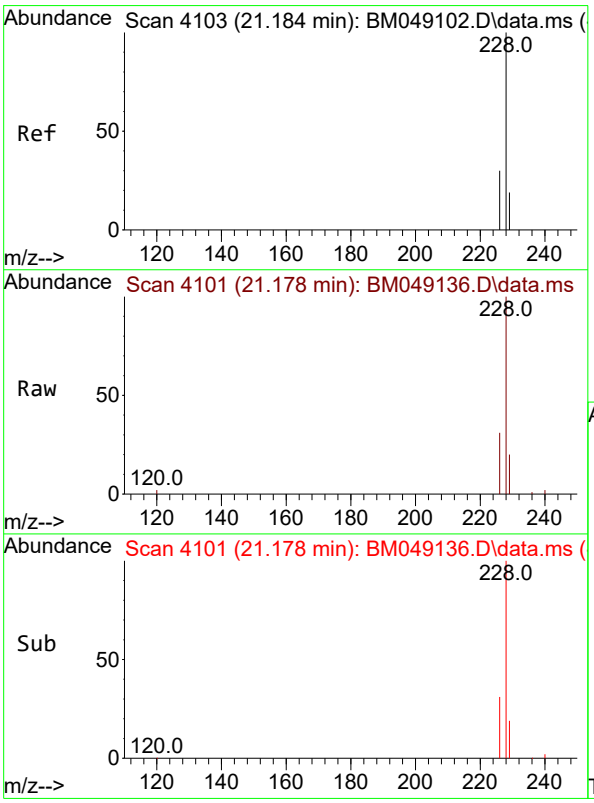
#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.129 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Instrument :
BNA_M
ClientSampleId :
SLCS708

Tgt Ion:228 Resp: 38746

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.9	23.9
226	27.5	22.6	34.0

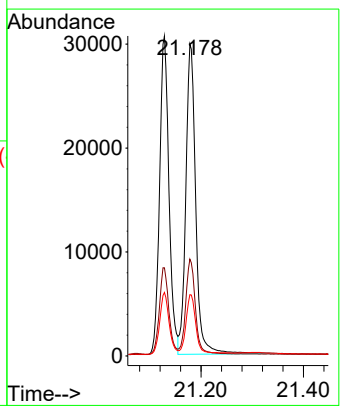


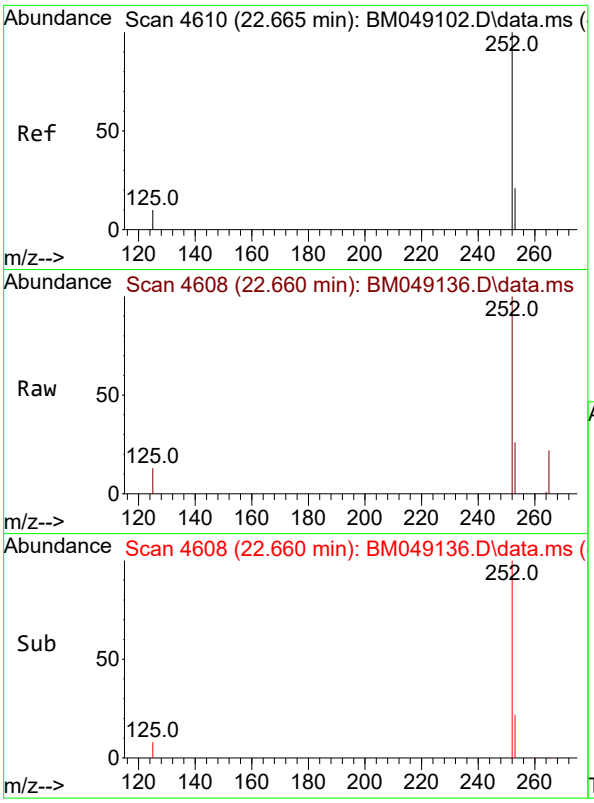


#22
Chrysene
Concen: 0.352 ng/ul
RT: 21.178 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Tgt Ion:228 Resp: 40103

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.1	36.1
229	19.7	15.8	23.8



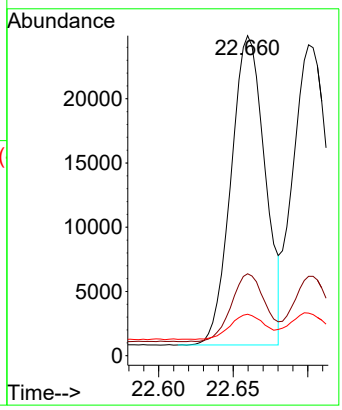


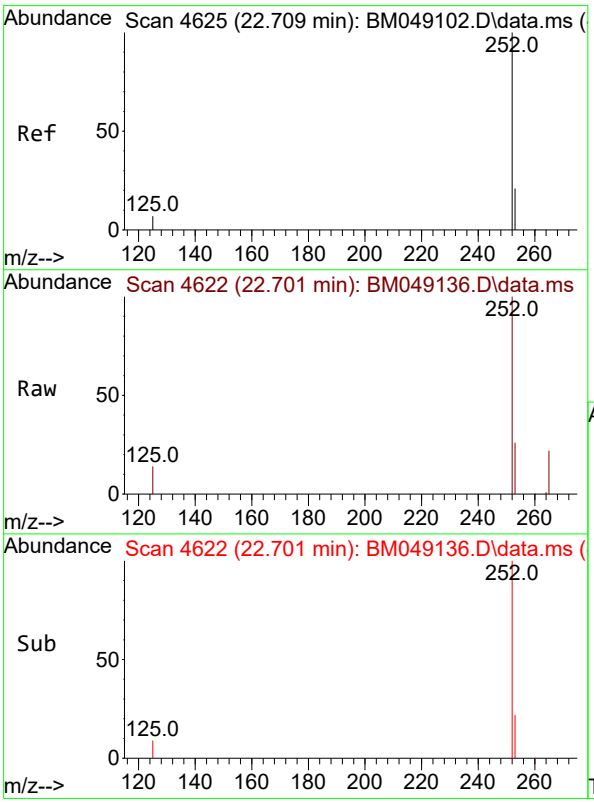
#24
Benzo(b)fluoranthene
Concen: 0.366 ng/ul
RT: 22.660 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Instrument :
BNA_M
ClientSampleId :
SLCS708

Tgt Ion:252 Resp: 38223

Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	52.6
125	12.9	0.0	30.8

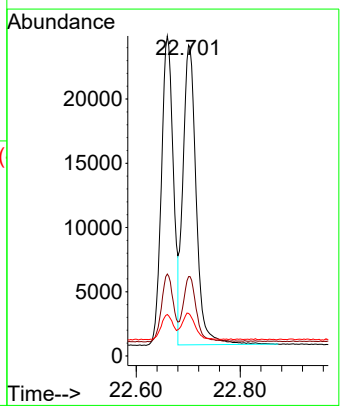


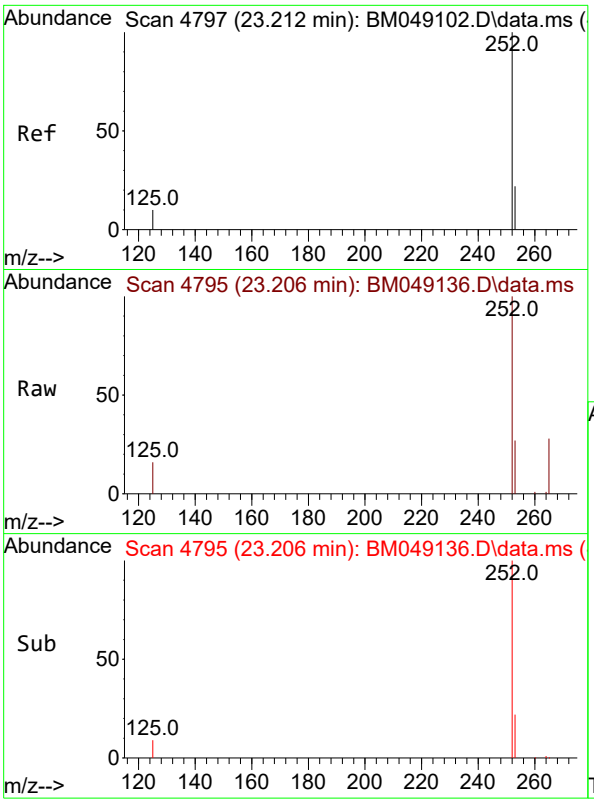


#25
Benzo(k)fluoranthene
Concen: 0.361 ng/ul
RT: 22.701 min Scan# 4622
Delta R.T. -0.006 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Tgt Ion:252 Resp: 41318

Ion	Ratio	Lower	Upper
252	100		
253	25.5	21.3	31.9
125	13.7	12.6	18.8



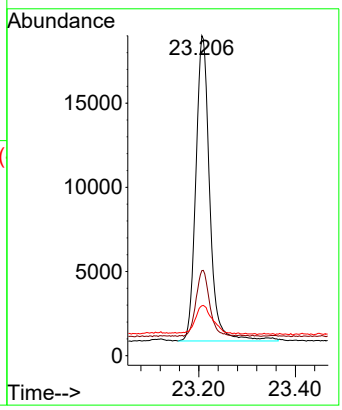


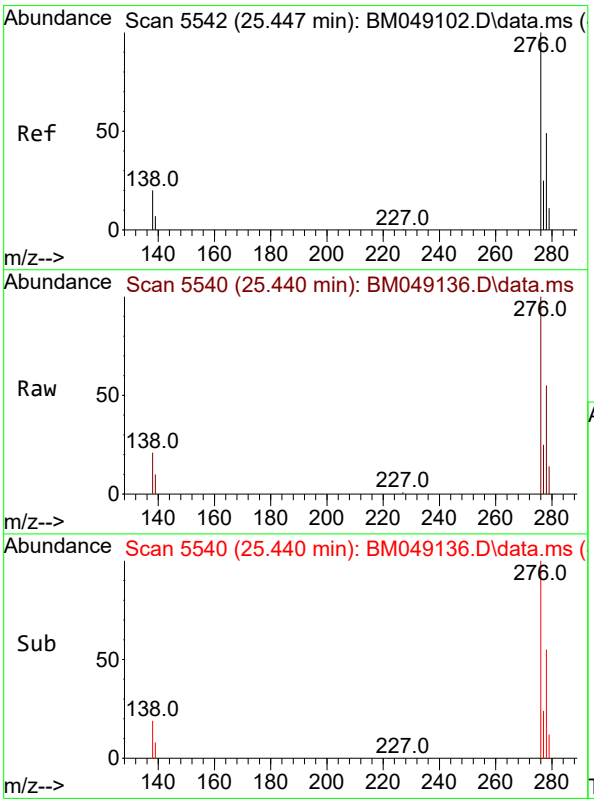
#26
Benzo(a)pyrene
Concen: 0.361 ng/ul
RT: 23.206 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Instrument :
BNA_M
ClientSampleId :
SLCS708

Tgt Ion:252 Resp: 36115

Ion	Ratio	Lower	Upper
252	100		
253	26.6	22.4	33.6
125	15.6	14.8	22.2

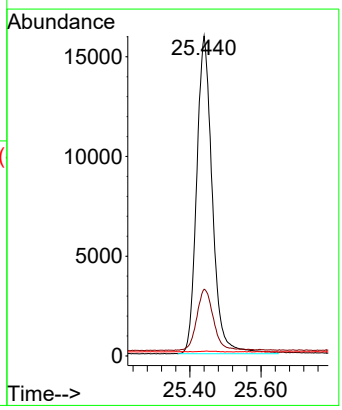


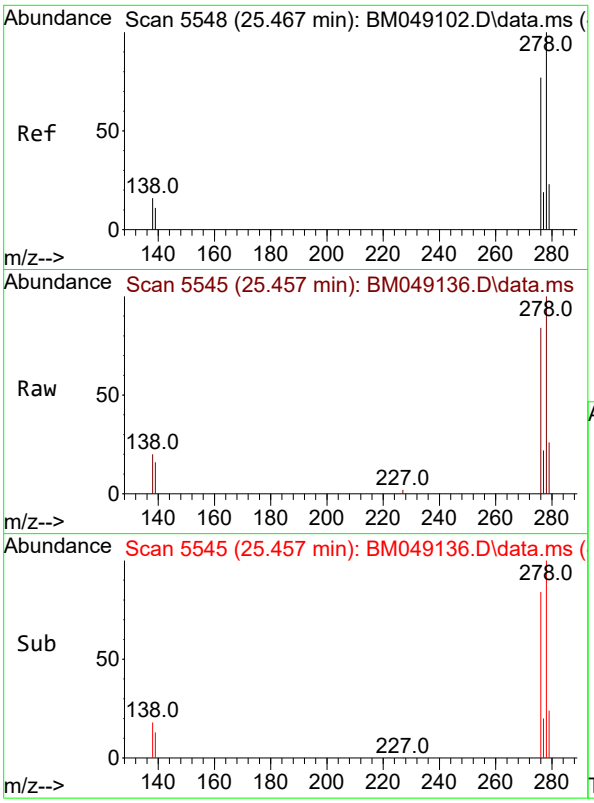


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.343 ng/ul
RT: 25.440 min Scan# 5540
Delta R.T. -0.007 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Tgt Ion:276 Resp: 48554

Ion	Ratio	Lower	Upper
276	100		
138	20.6	17.4	26.2
227	0.3	0.2	0.2#



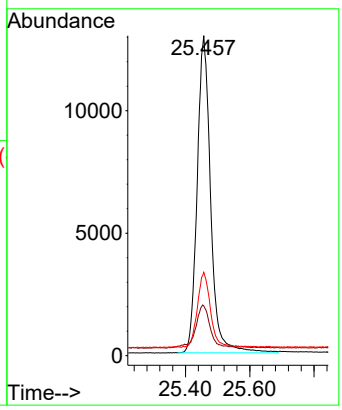


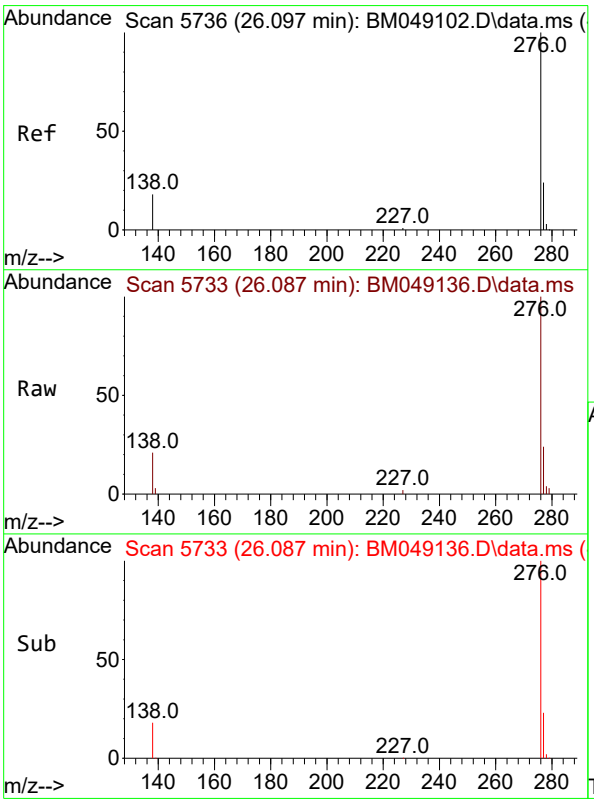
#28
Dibenzo(a,h)anthracene
Concen: 0.342 ng/ul
RT: 25.457 min Scan# 5
Delta R.T. -0.011 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Instrument :
BNA_M
ClientSampleId :
SLCS708

Tgt Ion:278 Resp: 37693

Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.5	20.3
279	26.0	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.342 ng/ul
RT: 26.087 min Scan# 5733
Delta R.T. -0.007 min
Lab File: BM049136.D
Acq: 21 Dec 2024 13:13

Tgt Ion:276 Resp: 39036

Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.7	25.1
277	24.2	19.9	29.9