Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121624\
Data File : BM049009.D
Acq On : 16 Dec 2024 17:45
Operator : RC/JU
Sample : PB165614BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS614

Quant Time: Dec 16 22:26:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:52:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.577	152	4526	0.400	ng/ul	0.00
4) Naphthalene-d8	10.337	136	12473	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.206	164	6574	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.956	188	12473	0.400	ng/ul	-0.01
17) Chrysene-d12	21.146	240	8490	0.400	ng/ul	-0.02
23) Perylene-d12	23.305	264	8684	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	3784	0.715	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.937	152	6244	0.393	ng/ul	0.00
18) Fluoranthene-d10	18.988	212	11041	0.435	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.185	88	10924	1.785	ng/ul#	80
5) Naphthalene	10.387	128	11678	0.365	ng/ul	99
7) 2-Methylnaphthalene	12.009	142	6768	0.347	ng/ul	98
8) 1-Methylnaphthalene	12.229	142	7015	0.353	ng/ul	100
10) Acenaphthylene	13.924	152	9635	0.347	ng/ul	98
11) Acenaphthene	14.271	153	7378	0.351	ng/ul	99
12) Fluorene	15.265	166	8157	0.350	ng/ul	99
14) Pentachlorophenol	16.609	266	1634	0.636	ng/ul	93
15) Phenanthrene	16.994	178	12215	0.357	ng/ul	99
16) Anthracene	17.091	178	10750	0.353	ng/ul	97
19) Fluoranthene	19.016	202	13417	0.381	ng/ul	99
20) Pyrene	19.379	202	13671	0.360	ng/ul	99
21) Benzo(a)anthracene	21.131	228	9993	0.334	ng/ul	99
22) Chrysene	21.184	228	12774	0.378	ng/ul	100
24) Benzo(b)fluoranthene	22.662	252	11360	0.379	ng/ul	99
25) Benzo(k)fluoranthene	22.706	252	13581	0.391	ng/ul	96
26) Benzo(a)pyrene	23.212	252	10273	0.370	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.447	276	14431	0.370	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.467	278	11018	0.363	ng/ul	95
29) Benzo(g,h,i)perylene	26.097	276	11991	0.382	ng/ul	98

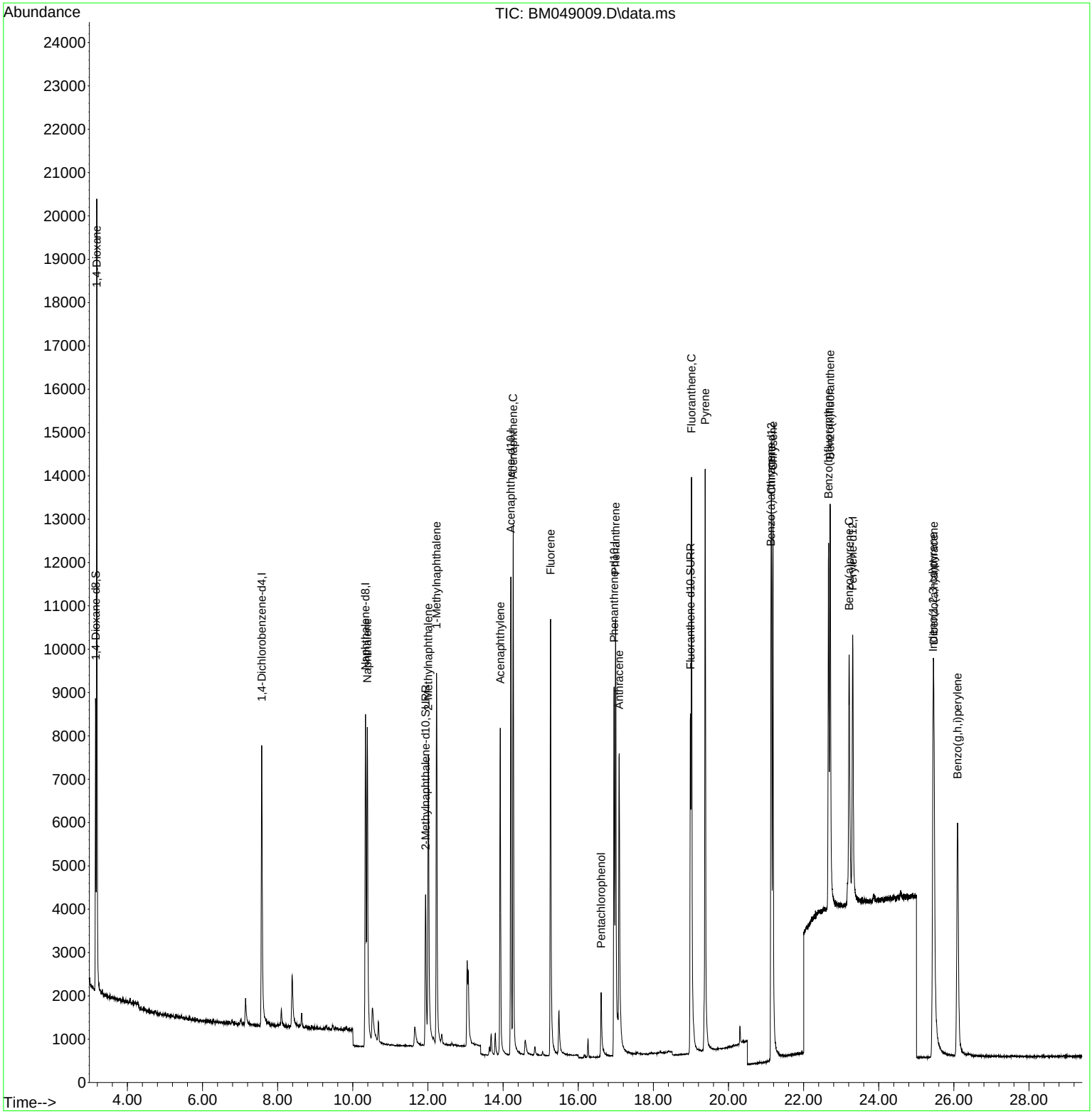
(#) = qualifier out of range (m) = manual integration (+) = signals summed

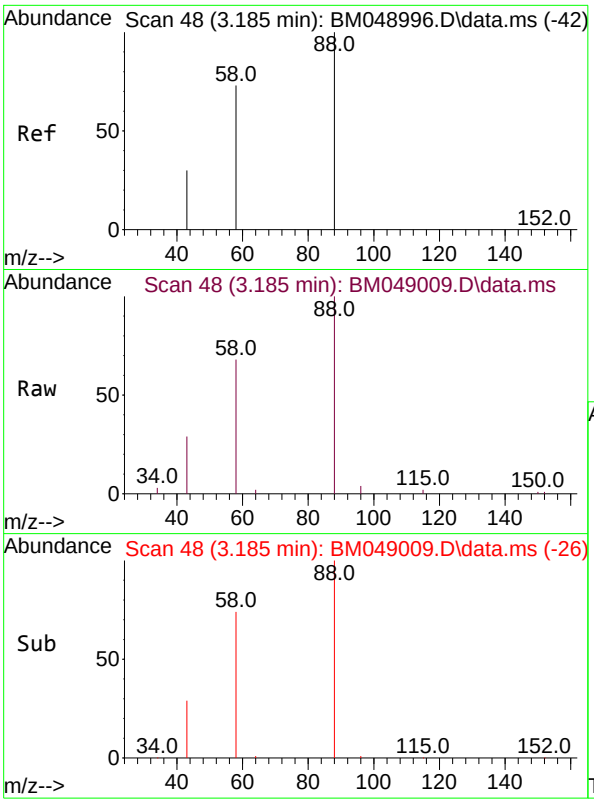
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121624\
Data File : BM049009.D
Acq On : 16 Dec 2024 17:45
Operator : RC/JU
Sample : PB165614BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS614

Quant Time: Dec 16 22:26:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:52:26 2024
Response via : Initial Calibration



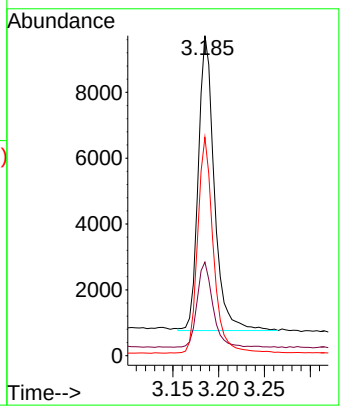


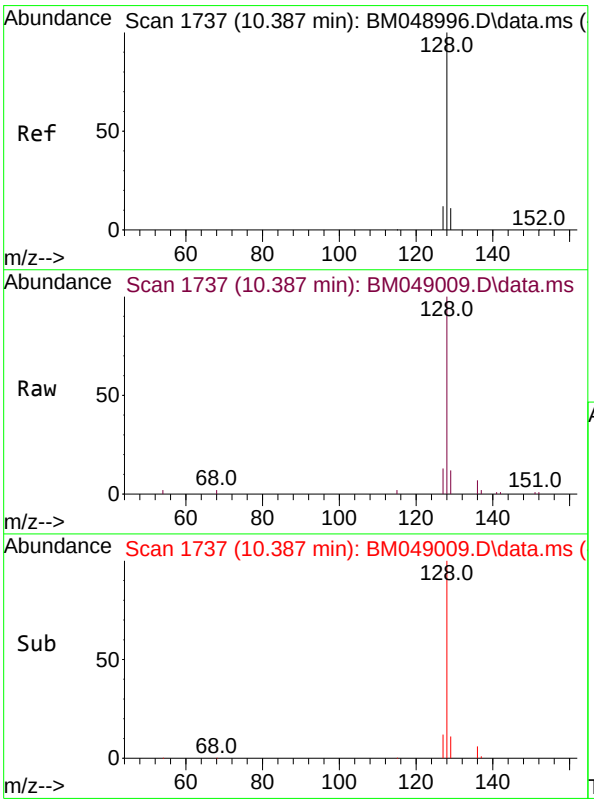
#2
1,4-Dioxane
Concen: 1.785 ng/ul
RT: 3.185 min Scan# 4
Delta R.T. -0.008 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Instrument :
BNA_M
ClientSampleId :
SLCS614

Tgt Ion: 88 Resp: 10924

Ion	Ratio	Lower	Upper
88	100		
43	29.3	32.3	48.5#
58	68.2	42.0	63.0#

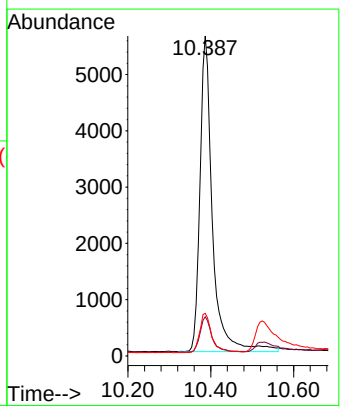


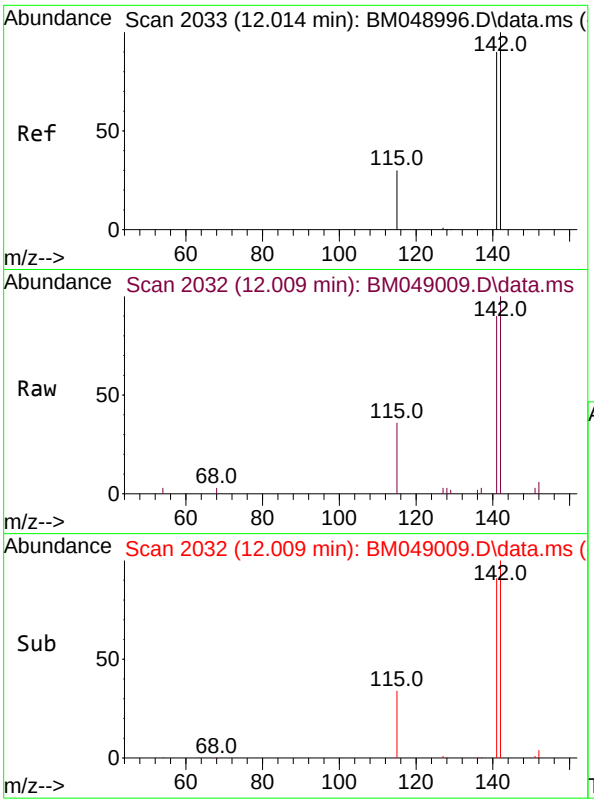


#5
Naphthalene
Concen: 0.365 ng/ul
RT: 10.387 min Scan# 1737
Delta R.T. -0.015 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Tgt Ion:128 Resp: 11678

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.4	14.2
127	13.3	10.6	16.0



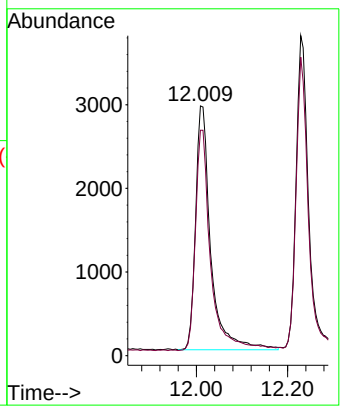


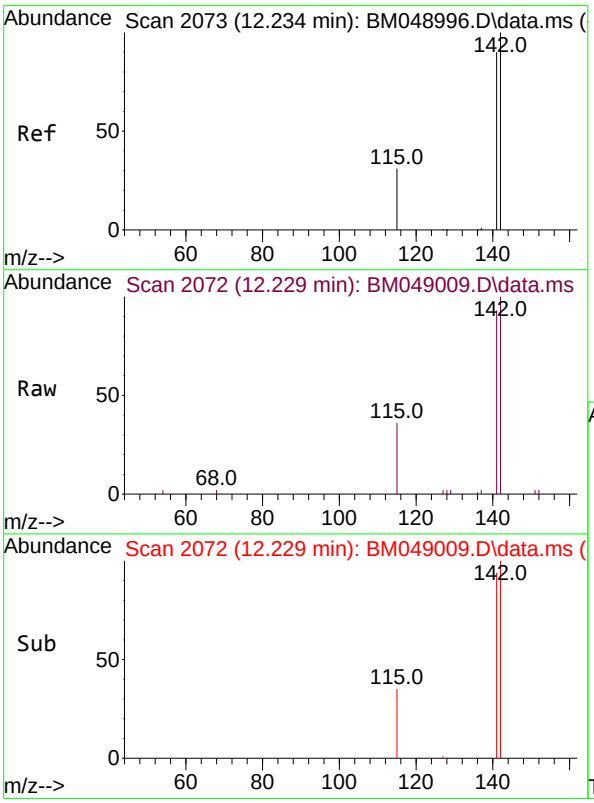
#7
2-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.009 min Scan# 2
Delta R.T. -0.015 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Instrument :
BNA_M
ClientSampleId :
SLCS614

Tgt Ion:142 Resp: 6768

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.2	106.8

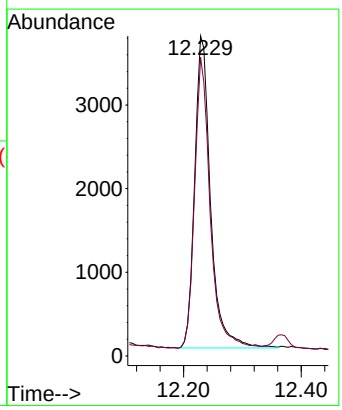


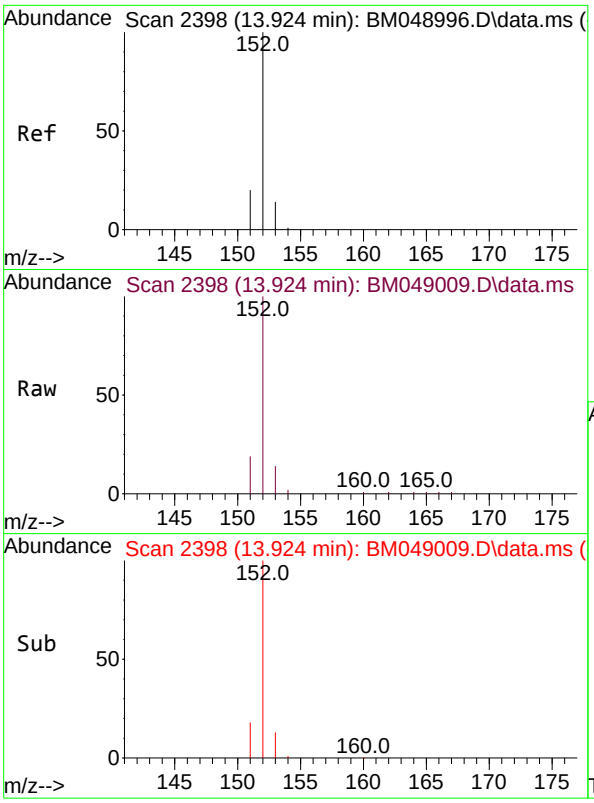


#8
1-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.229 min Scan# 2072
Delta R.T. -0.015 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Tgt Ion:142 Resp: 7015

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.8	109.2



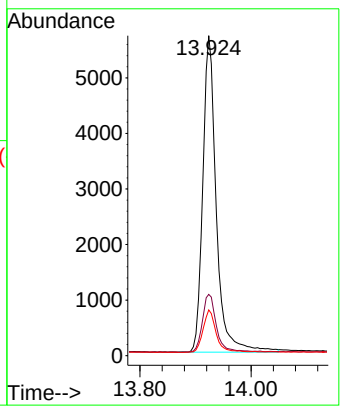


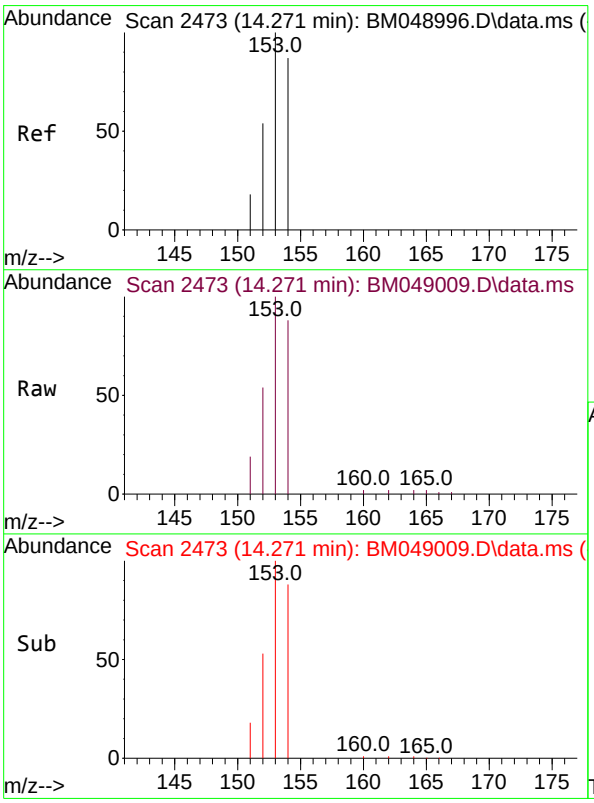
#10
Acenaphthylene
Concen: 0.347 ng/ul
RT: 13.924 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Instrument :
BNA_M
ClientSampleId :
SLCS614

Tgt Ion:152 Resp: 9635

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.3	24.5
153	14.3	11.2	16.8

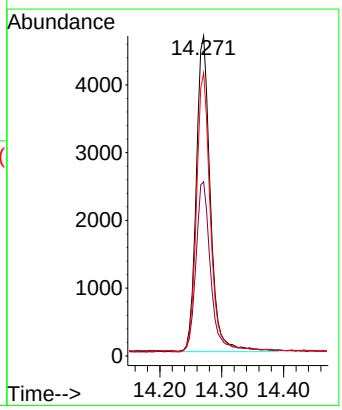


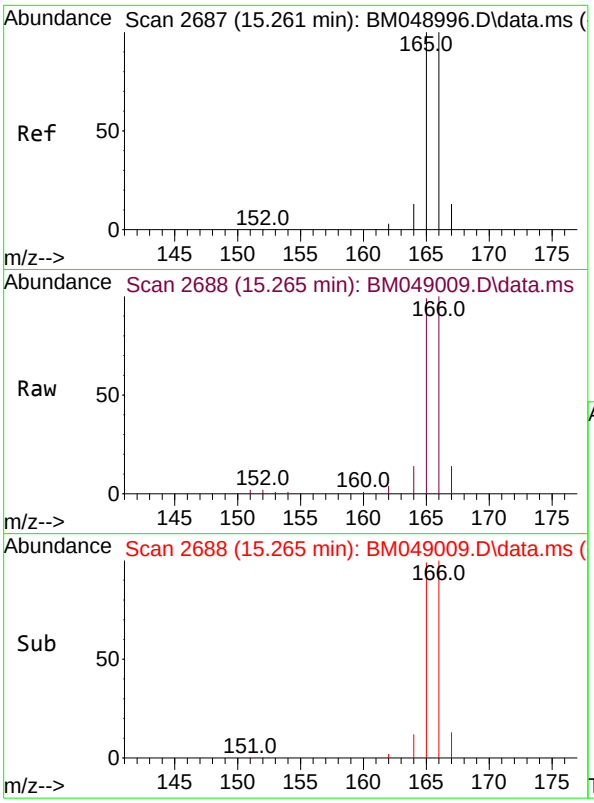


#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.271 min Scan# 2473
Delta R.T. -0.012 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Tgt Ion:153 Resp: 7378

Ion	Ratio	Lower	Upper
153	100		
152	54.4	43.5	65.3
154	88.4	69.5	104.3



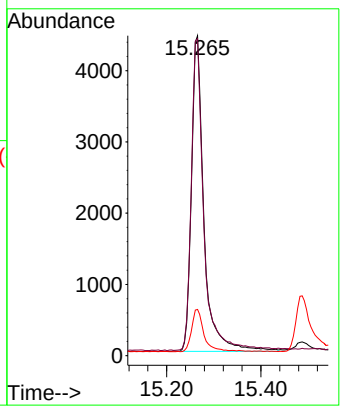


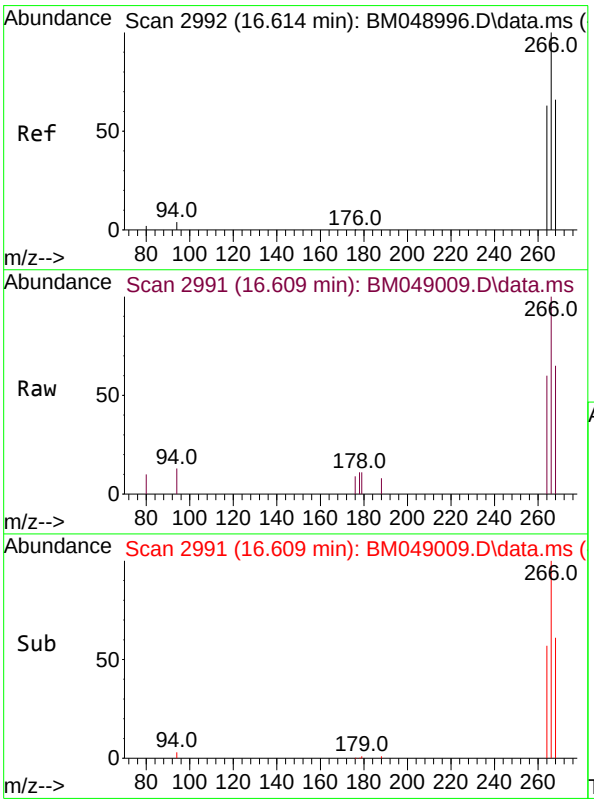
#12
Fluorene
Concen: 0.350 ng/ul
RT: 15.265 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Instrument :
BNA_M
ClientSampleId :
SLCS614

Tgt Ion:166 Resp: 8157

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.1	117.1
167	14.4	11.6	17.4

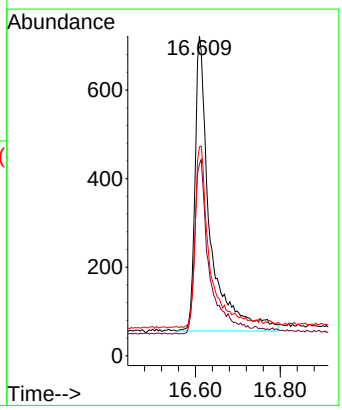


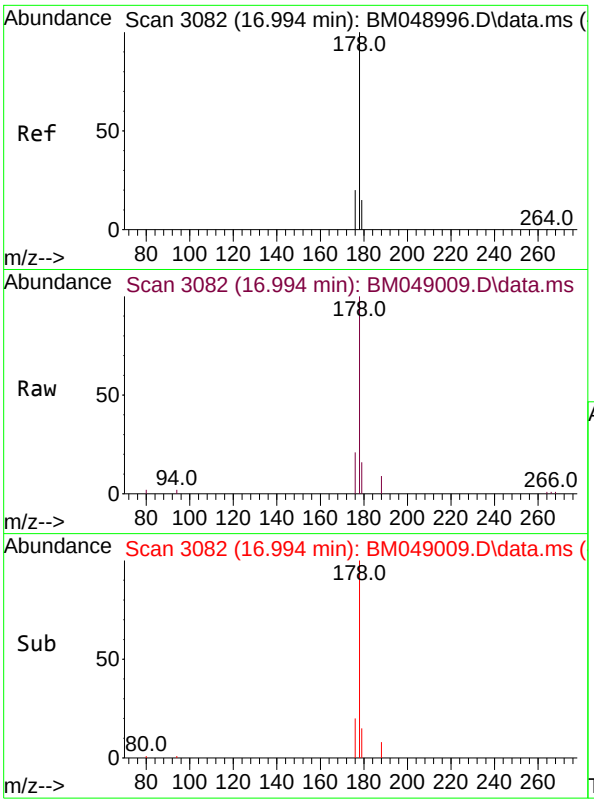


#14
Pentachlorophenol
Concen: 0.636 ng/ul
RT: 16.609 min Scan# 2991
Delta R.T. -0.015 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Tgt Ion:266 Resp: 1634

Ion	Ratio	Lower	Upper
266	100		
264	57.6	47.9	71.9
268	60.8	55.0	82.6



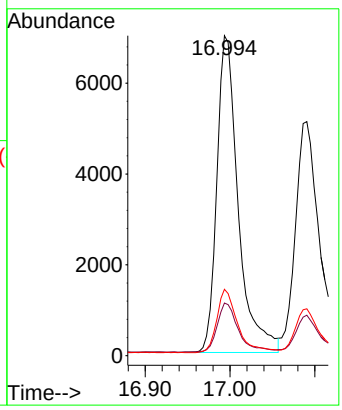


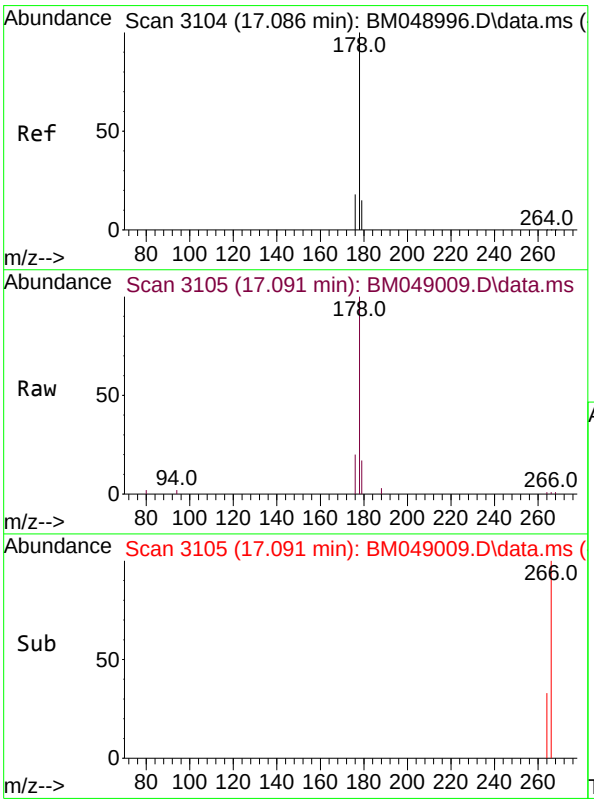
#15
Phenanthrene
Concen: 0.357 ng/ul
RT: 16.994 min Scan# 3
Delta R.T. -0.015 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Instrument :
BNA_M
ClientSampleId :
SLCS614

Tgt Ion:178 Resp: 12215

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.0	19.6
176	20.8	15.8	23.8

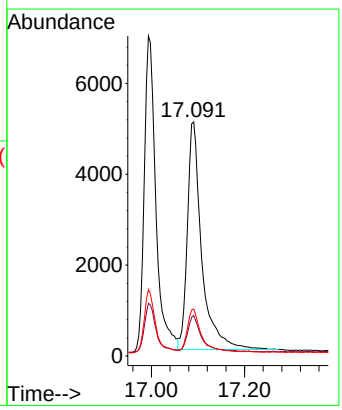


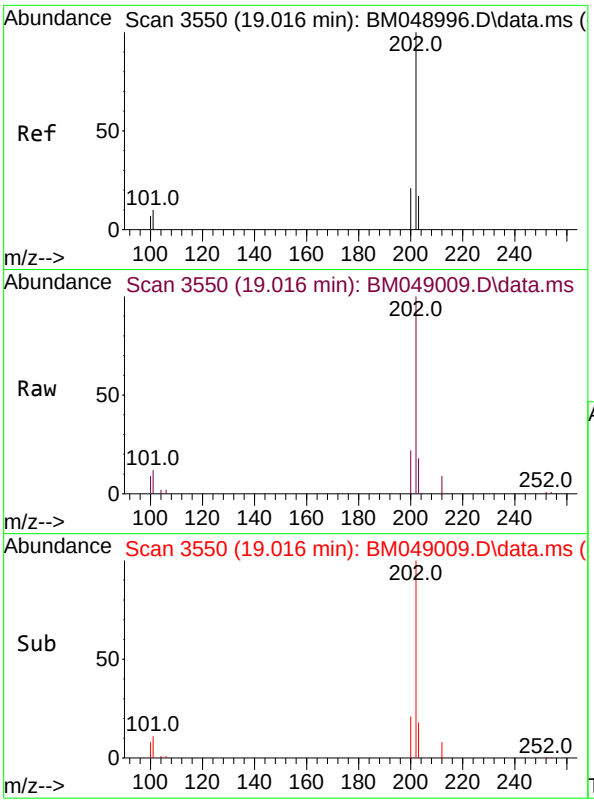


#16
Anthracene
Concen: 0.353 ng/ul
RT: 17.091 min Scan# 3105
Delta R.T. -0.011 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Tgt Ion:178 Resp: 10750

Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.0	19.4
176	20.1	15.0	22.6



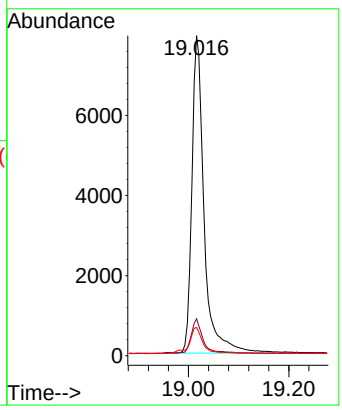


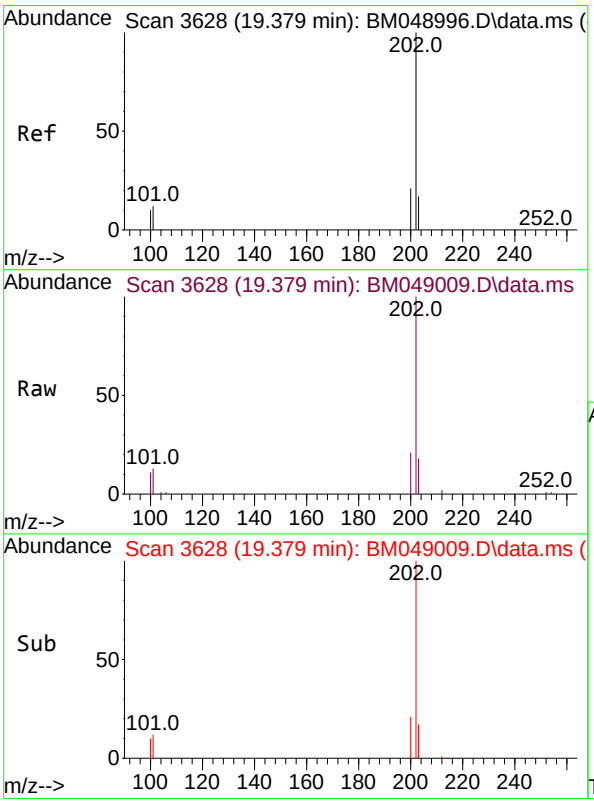
#19
Fluoranthene
Concen: 0.381 ng/ul
RT: 19.016 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Instrument :
BNA_M
ClientSampleId :
SLCS614

Tgt Ion:202 Resp: 13417

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.7	14.5
100	8.8	7.3	10.9

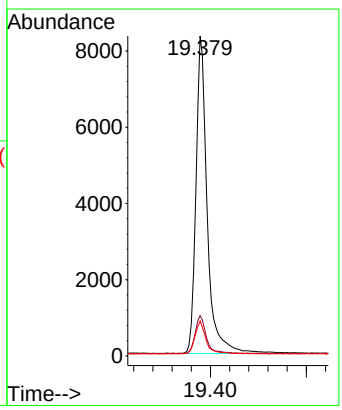


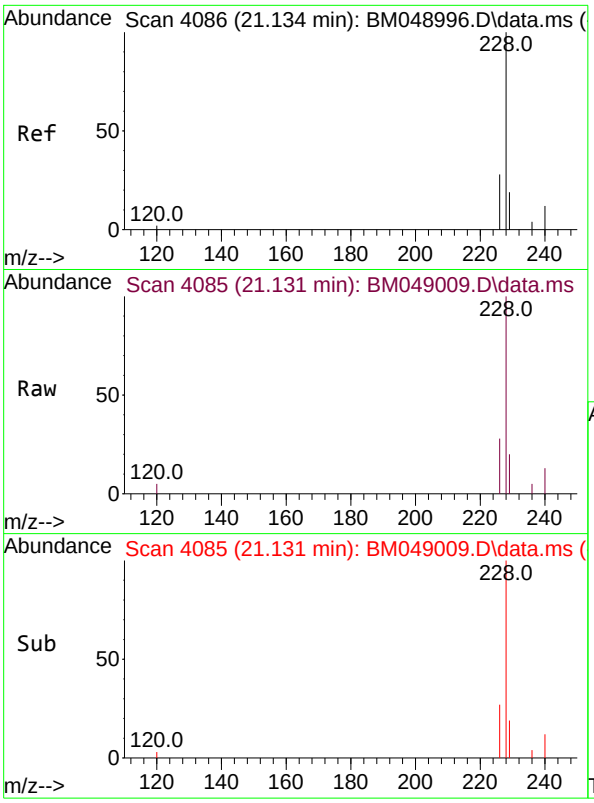


#20
Pyrene
Concen: 0.360 ng/ul
RT: 19.379 min Scan# 3628
Delta R.T. -0.017 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Tgt Ion:202 Resp: 13671

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.6	16.0
100	10.9	8.4	12.6



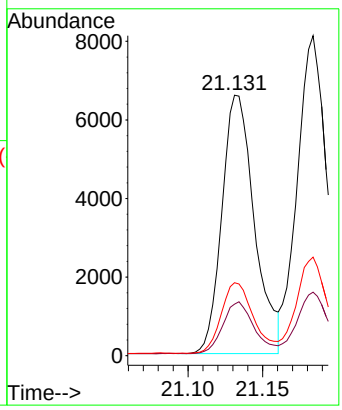


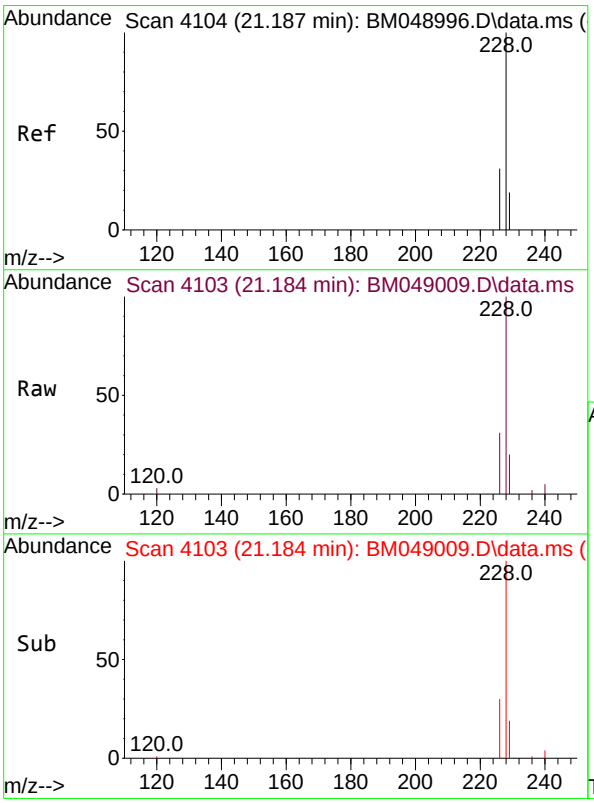
#21
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 21.131 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Instrument :
BNA_M
ClientSampleId :
SLCS614

Tgt Ion:228 Resp: 9993

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.7	23.5
226	28.0	23.0	34.4

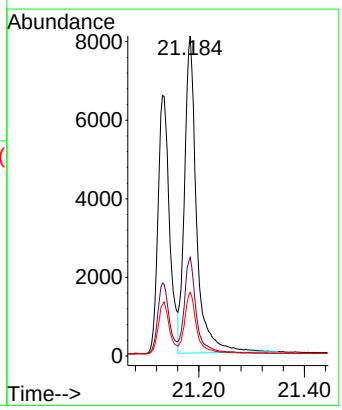


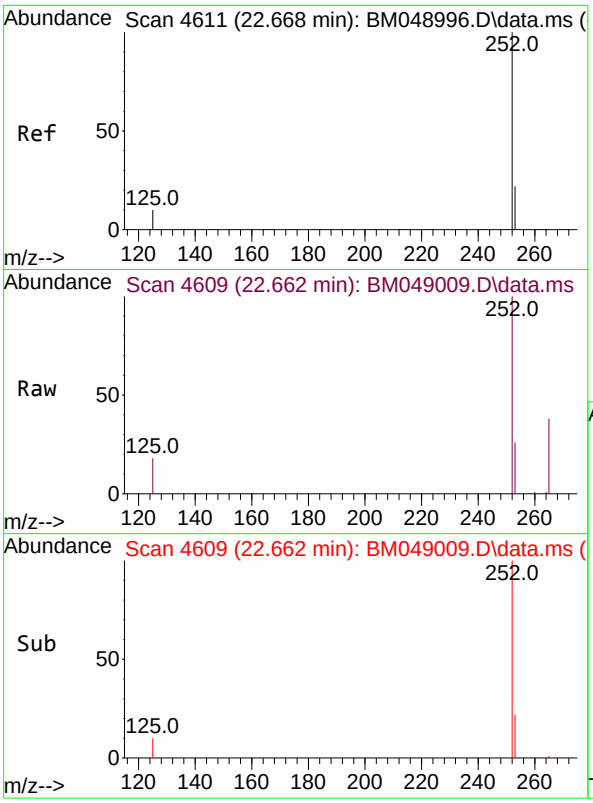


#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.184 min Scan# 4103
Delta R.T. -0.015 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Tgt Ion:228 Resp: 12774

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.8	37.2
229	19.8	16.0	24.0



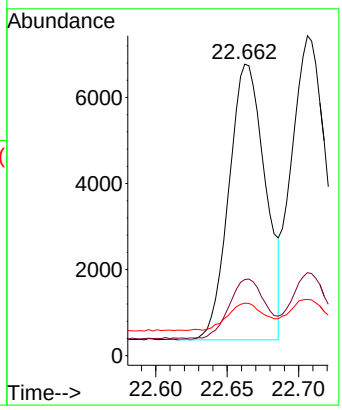


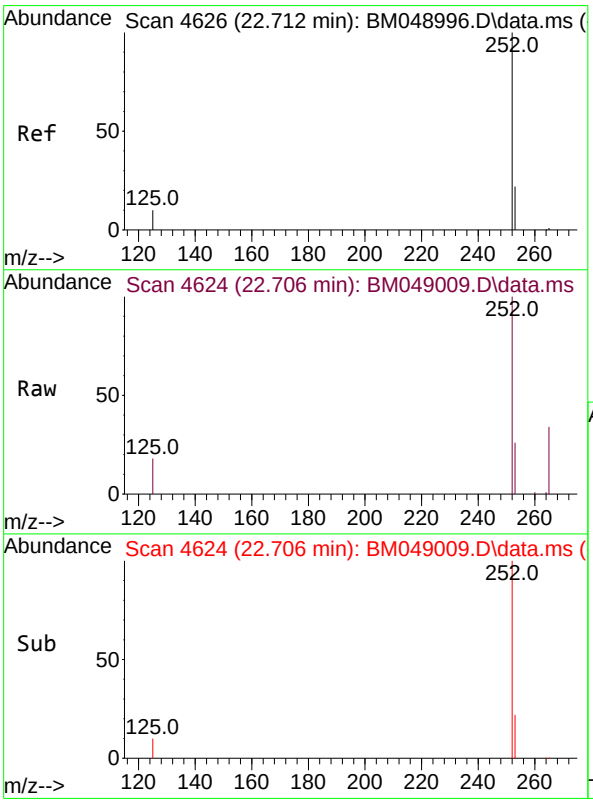
#24
Benzo(b)fluoranthene
Concen: 0.379 ng/ul
RT: 22.662 min Scan# 4
Delta R.T. -0.027 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Instrument :
BNA_M
ClientSampleId :
SLCS614

Tgt Ion:252 Resp: 11360

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	51.0
125	18.0	0.0	36.6

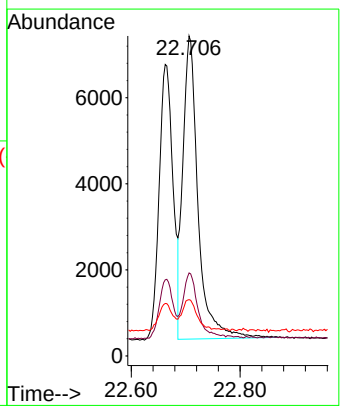


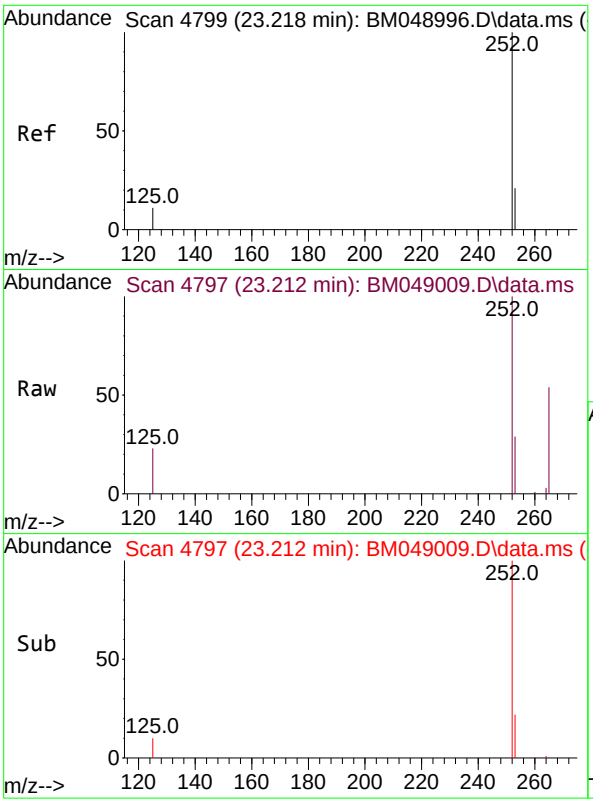


#25
Benzo(k)fluoranthene
Concen: 0.391 ng/ul
RT: 22.706 min Scan# 4624
Delta R.T. -0.027 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Tgt Ion:252 Resp: 13581

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.5	30.7
125	17.6	17.3	25.9



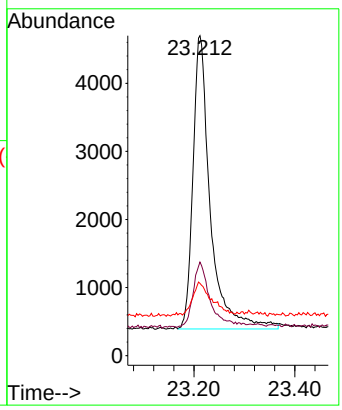


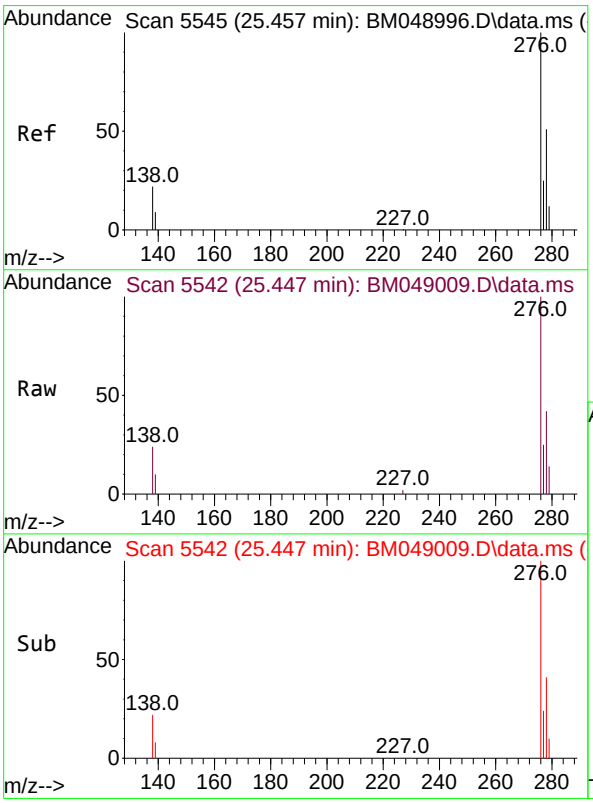
#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.212 min Scan# 4
Delta R.T. -0.030 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Instrument :
BNA_M
ClientSampleId :
SLCS614

Tgt Ion:252 Resp: 10273

Ion	Ratio	Lower	Upper
252	100		
253	29.3	21.8	32.8
125	22.6	18.6	27.8

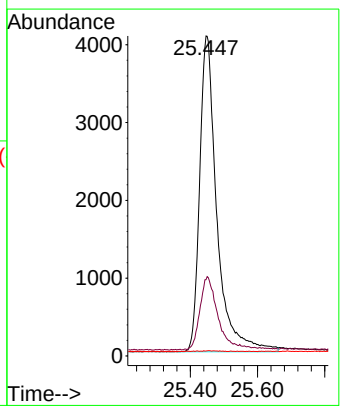


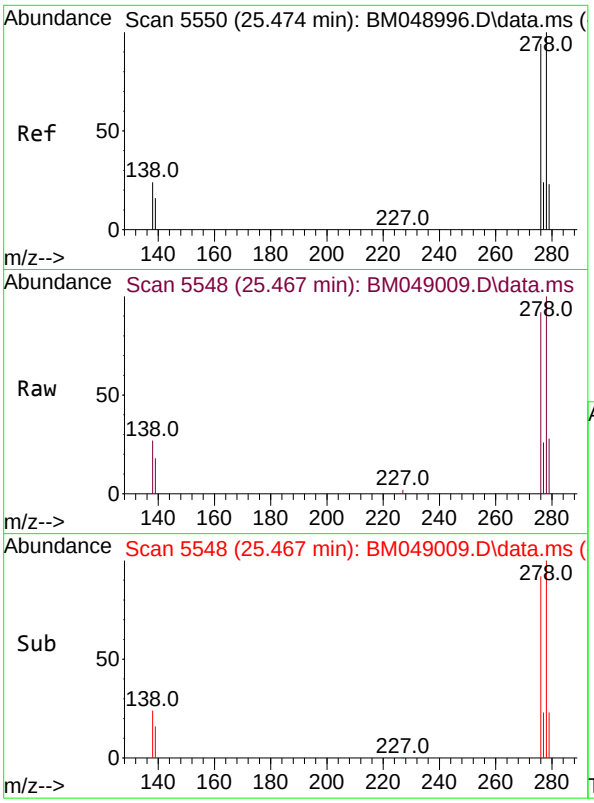


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng/ul
RT: 25.447 min Scan# 5542
Delta R.T. -0.044 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Tgt Ion:276 Resp: 14431

Ion	Ratio	Lower	Upper
276	100		
138	24.4	22.1	33.1
227	0.1	0.2	0.2#



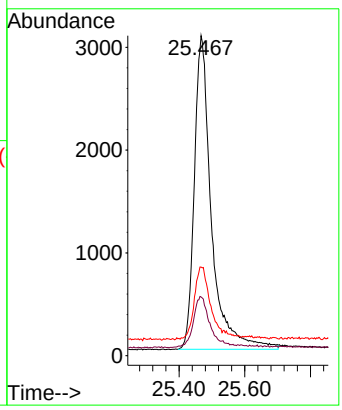


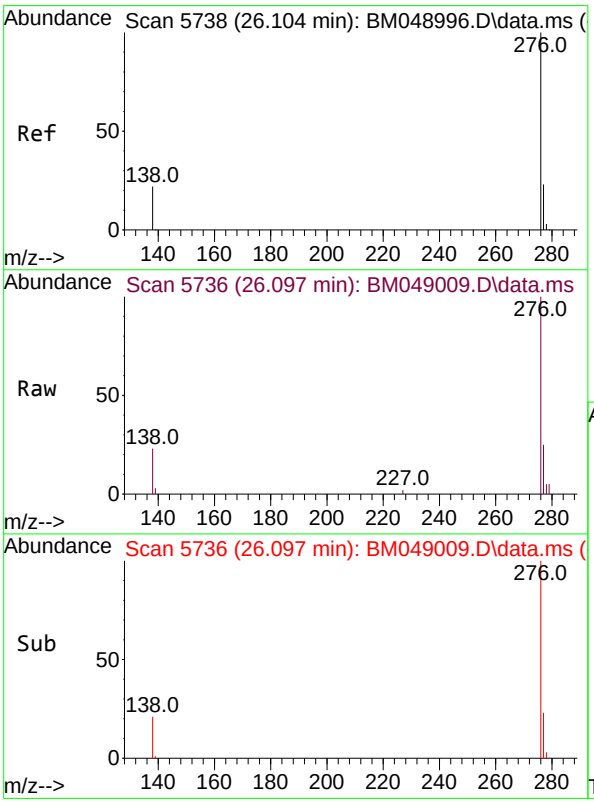
#28
Dibenzo(a,h)anthracene
Concen: 0.363 ng/ul
RT: 25.467 min Scan# 5
Delta R.T. -0.041 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Instrument :
BNA_M
ClientSampleId :
SLCS614

Tgt Ion:278 Resp: 11018

Ion	Ratio	Lower	Upper
278	100		
139	18.3	17.4	26.0
279	27.7	21.1	31.7





#29
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 26.097 min Scan# 5736
Delta R.T. -0.047 min
Lab File: BM049009.D
Acq: 16 Dec 2024 17:45

Tgt Ion:276 Resp: 11991

Ion	Ratio	Lower	Upper
276	100		
138	22.7	19.8	29.6
277	24.9	19.6	29.4