Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045926.D
Acq On : 08 Jun 2024 21:06
Operator : MA/JU
Sample : PB161252BS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS252

Quant Time: Jun 10 01:30:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	5288	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.242	136	17528	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	9060	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.861	188	15408	0.400	ng/ul	0.00
17) Chrysene-d12	21.050	240	10846	0.400	ng/ul	0.00
23) Perylene-d12	23.157	264	13706	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	4543	0.754	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.842	152	8733	0.346	ng/ul	0.00
18) Fluoranthene-d10	18.889	212	12545	0.386	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.092	88	12476	1.810	ng/ul#	57
5) Naphthalene	10.292	128	17129	0.374	ng/ul	99
7) 2-Methylnaphthalene	11.919	142	10429	0.357	ng/ul	99
8) 1-Methylnaphthalene	12.134	142	10317	0.325	ng/ul	100
10) Acenaphthylene	13.830	152	15948	0.387	ng/ul	99
11) Acenaphthene	14.177	153	11290	0.373	ng/ul	100
12) Fluorene	15.172	166	11814	0.349	ng/ul	98
14) Pentachlorophenol	16.545	266	2301	0.799	ng/ul	98
15) Phenanthrene	16.899	178	16007	0.370	ng/ul	99
16) Anthracene	16.992	178	13823	0.375	ng/ul	100
19) Fluoranthene	18.917	202	17350	0.401	ng/ul	99
20) Pyrene	19.284	202	18073	0.401	ng/ul	98
21) Benzo(a)anthracene	21.032	228	15458	0.388	ng/ul	99
22) Chrysene	21.085	228	17327	0.400	ng/ul	100
24) Benzo(b)fluoranthene	22.534	252	18327	0.403	ng/ul	99
25) Benzo(k)fluoranthene	22.575	252	19378	0.388	ng/ul	100
26) Benzo(a)pyrene	23.063	252	17626	0.390	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.222	276	24130	0.413	ng/ul	97
28) Dibenzo(a,h)anthracene	25.232	278	19259	0.412	ng/ul	98
29) Benzo(g,h,i)perylene	25.853	276	20991	0.416	ng/ul	99

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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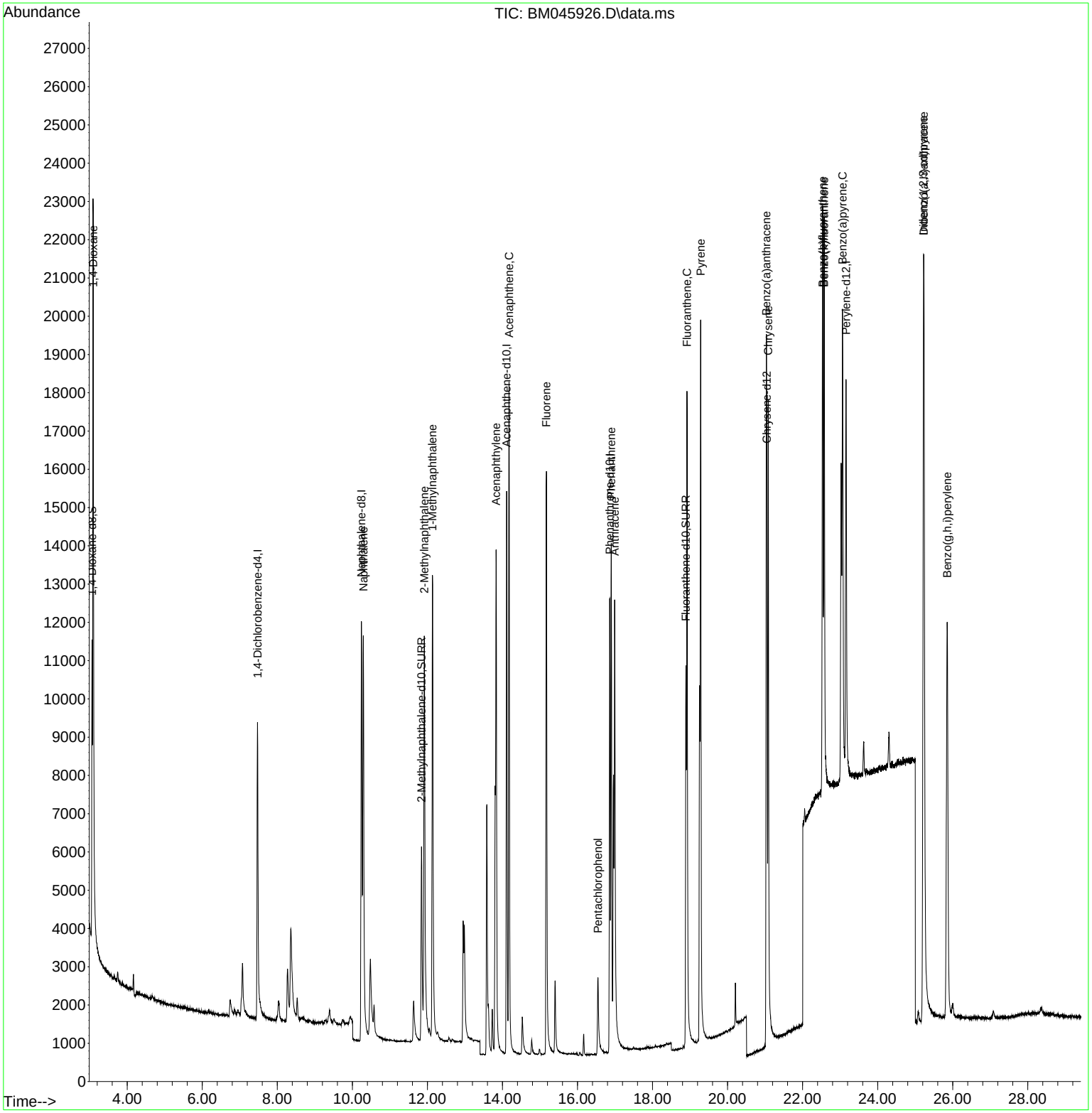
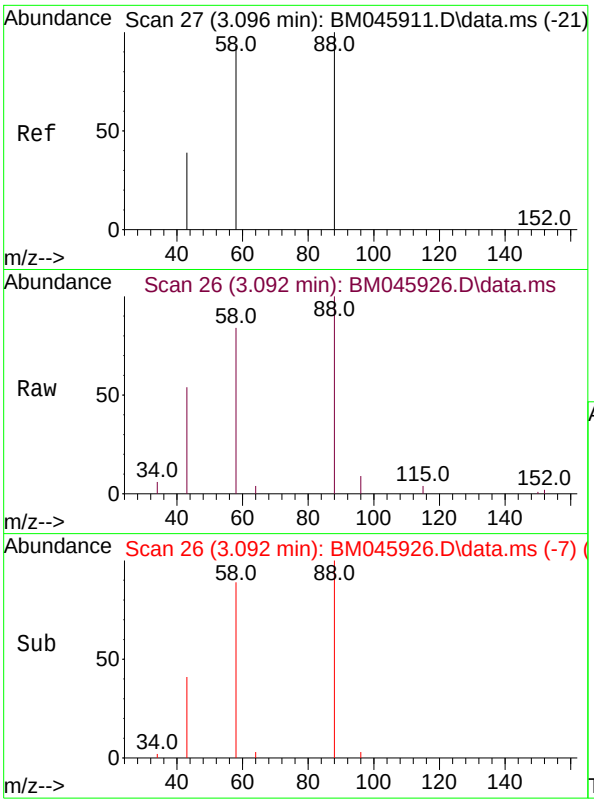


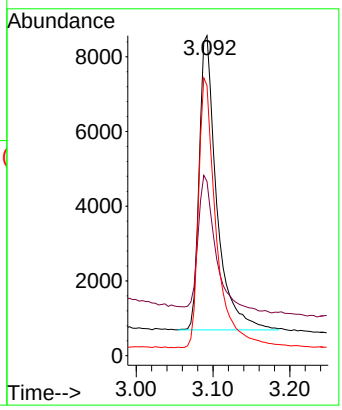


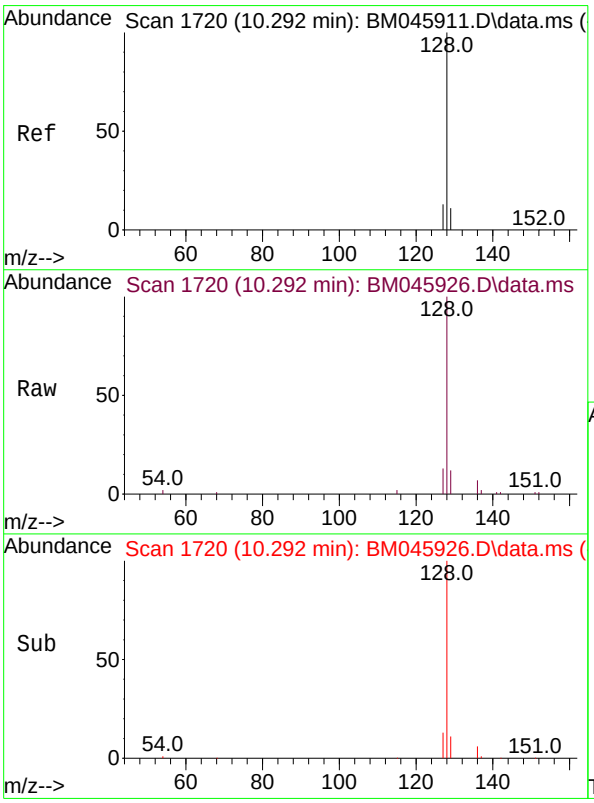
#2
1,4-Dioxane
Concen: 1.810 ng/ul
RT: 3.092 min Scan# 2
Delta R.T. -0.021 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Instrument :
BNA_M
ClientSampleId :
SLCS252

Tgt Ion: 88 Resp: 12476

Ion	Ratio	Lower	Upper
88	100		
43	54.4	87.4	131.2#
58	84.4	51.1	76.7#

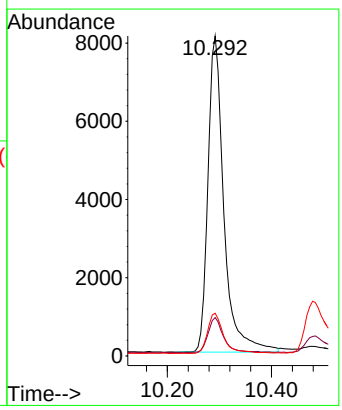


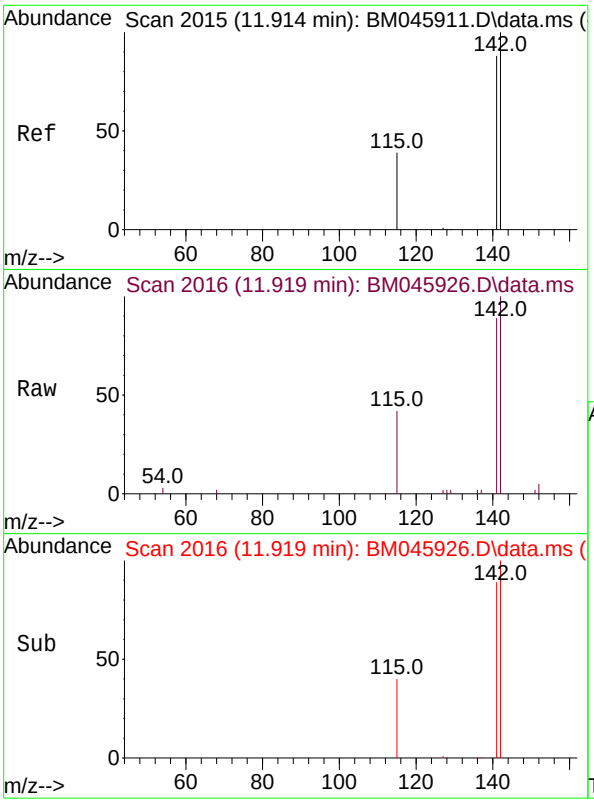


#5
Naphthalene
Concen: 0.374 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.011 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Tgt Ion:128 Resp: 17129

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.0
127	13.4	10.6	15.8



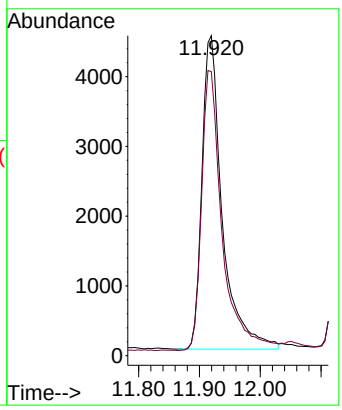


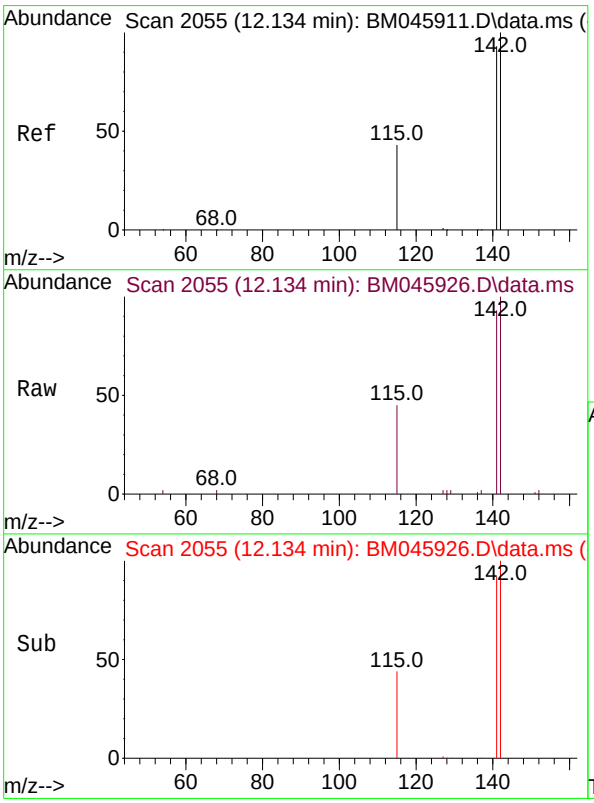
#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 11.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Instrument :
BNA_M
ClientSampleId :
SLCS252

Tgt Ion:142 Resp: 10429

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.2	108.4

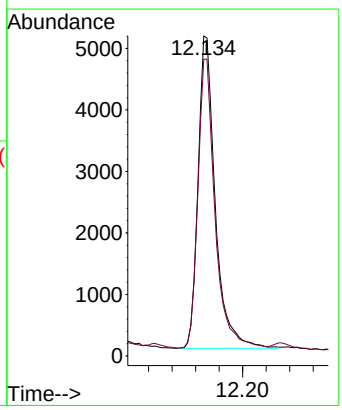


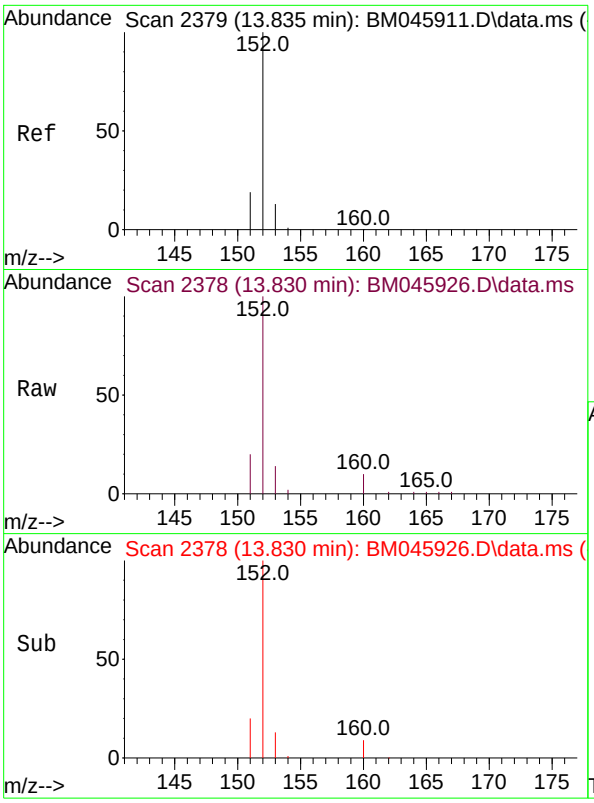


#8
1-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.134 min Scan# 2055
Delta R.T. -0.011 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Tgt Ion:142 Resp: 10317

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.5	110.3



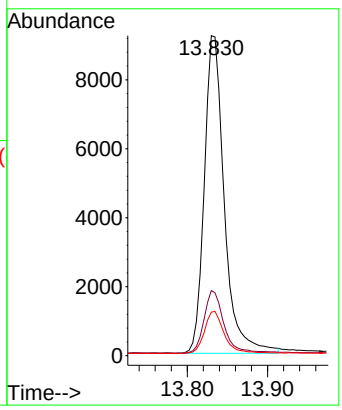


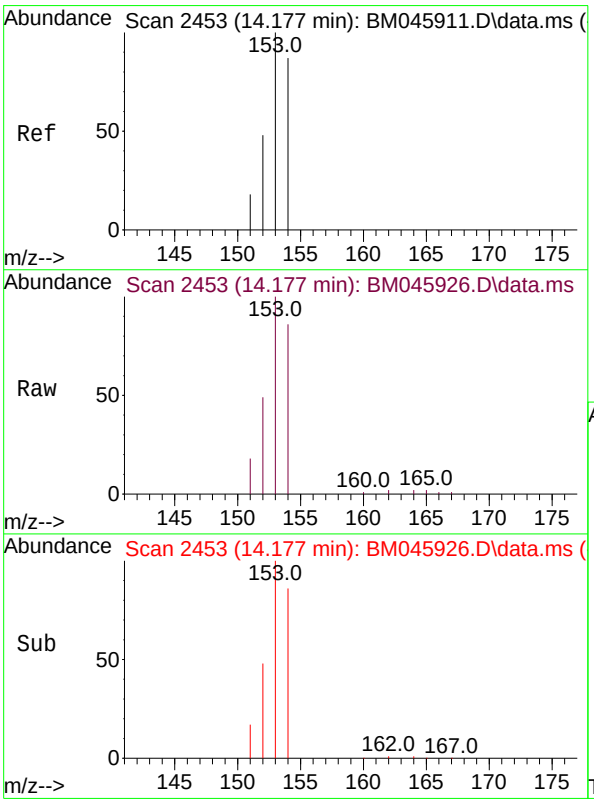
#10
Acenaphthylene
Concen: 0.387 ng/ul
RT: 13.830 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Instrument :
BNA_M
ClientSampleId :
SLCS252

Tgt Ion:152 Resp: 15948

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6
153	13.6	11.1	16.7

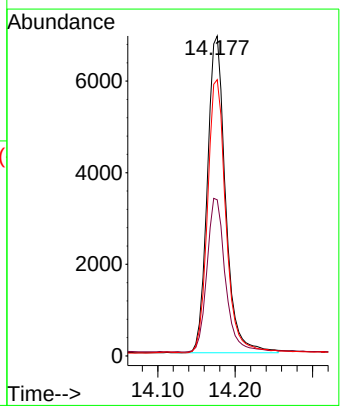


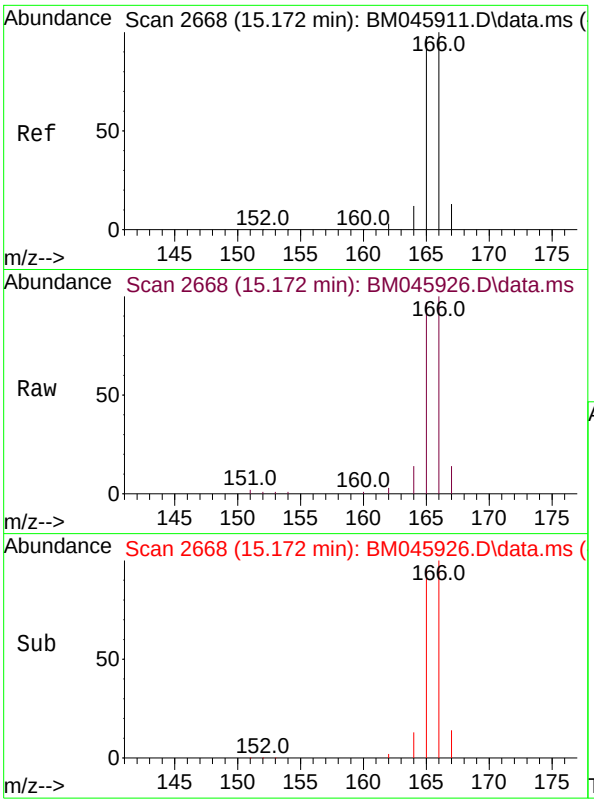


#11
Acenaphthene
Concen: 0.373 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Tgt Ion:153 Resp: 11290

Ion	Ratio	Lower	Upper
153	100		
152	48.8	39.0	58.4
154	86.4	69.4	104.2



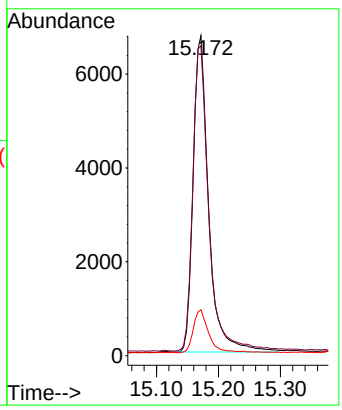


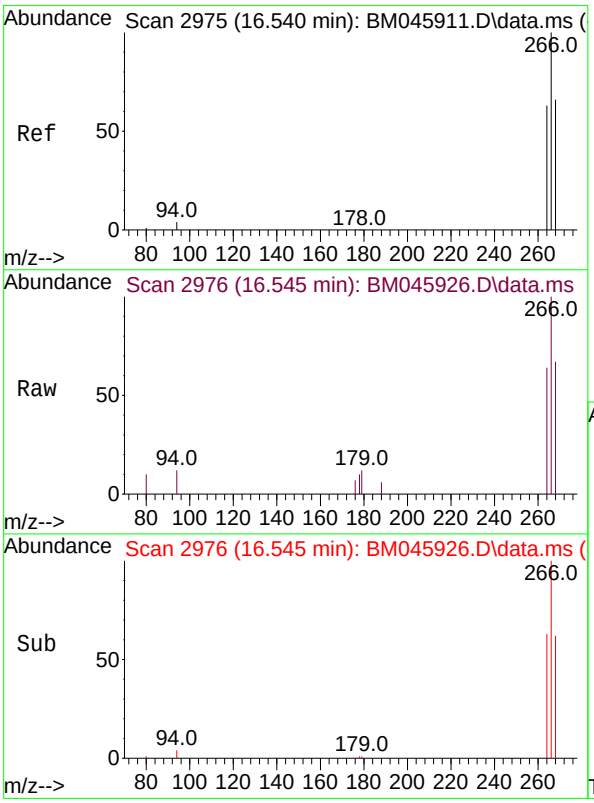
#12
Fluorene
Concen: 0.349 ng/ul
RT: 15.172 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Instrument :
BNA_M
ClientSampleId :
SLCS252

Tgt Ion:166 Resp: 11814

Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.7	119.5
167	14.4	11.3	16.9

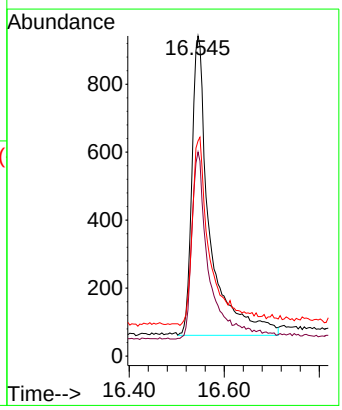


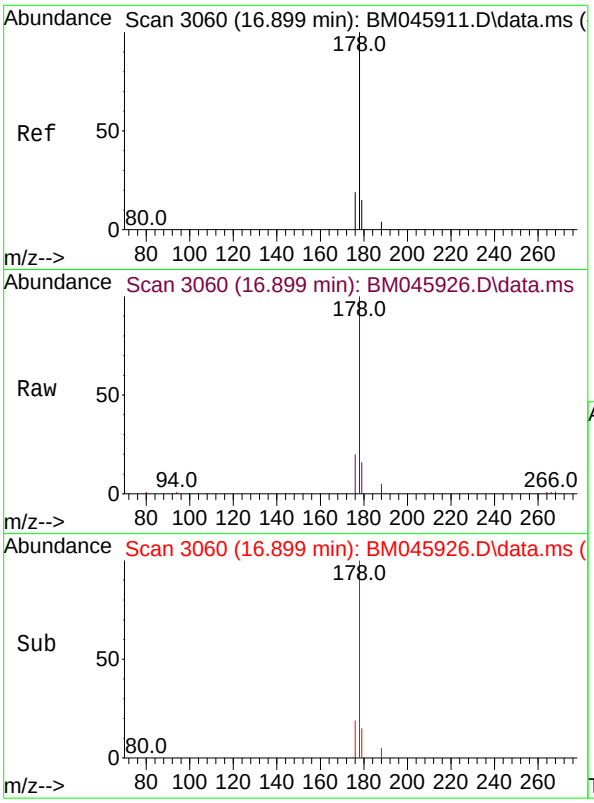


#14
Pentachlorophenol
Concen: 0.799 ng/ul
RT: 16.545 min Scan# 2976
Delta R.T. -0.009 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Tgt Ion:266 Resp: 2301

Ion	Ratio	Lower	Upper
266	100		
264	61.3	47.9	71.9
268	66.0	50.9	76.3



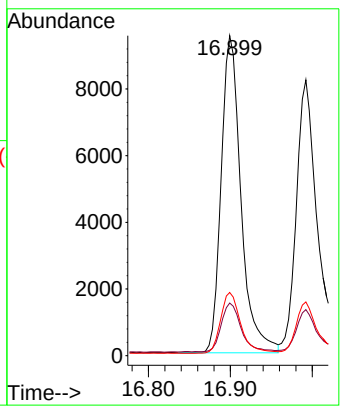


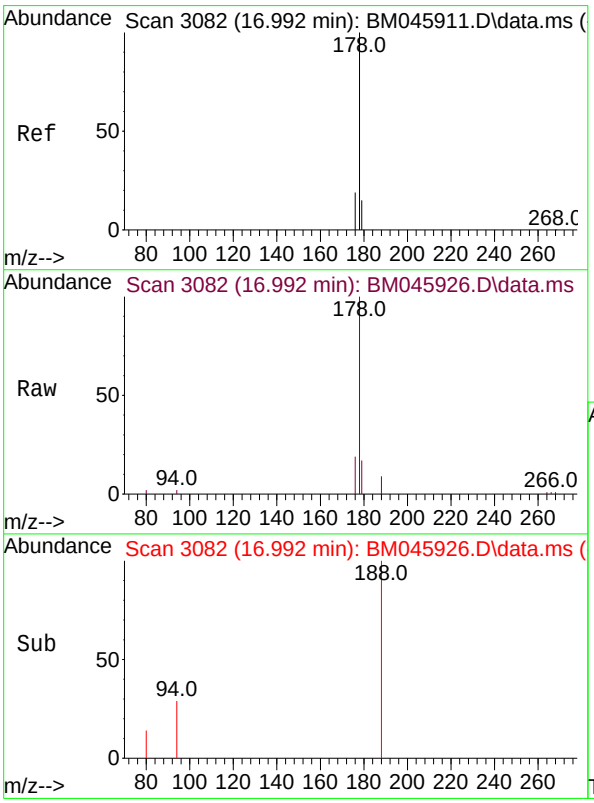
#15
Phenanthrene
Concen: 0.370 ng/ul
RT: 16.899 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Instrument :
BNA_M
ClientSampleId :
SLCS252

Tgt Ion:178 Resp: 16007

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.7	19.1
176	19.8	15.6	23.4

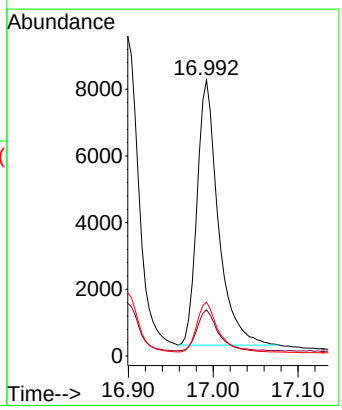


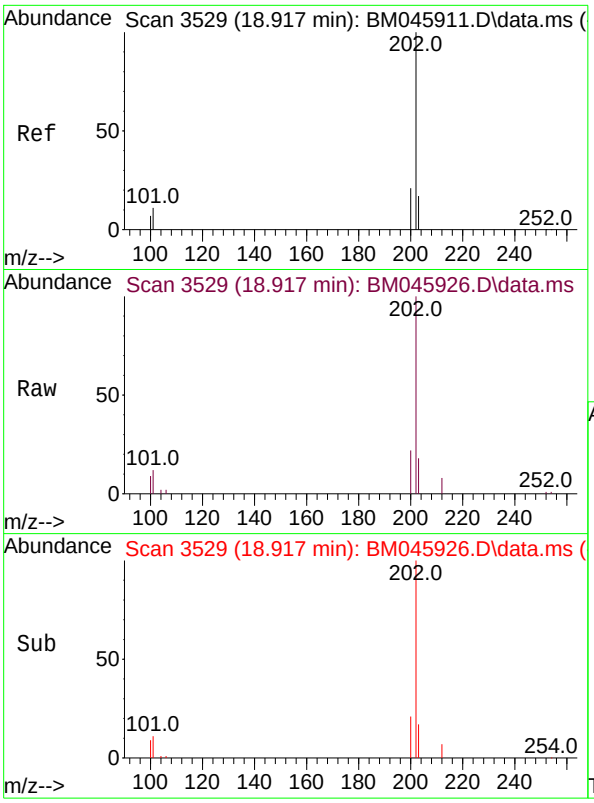


#16
Anthracene
Concen: 0.375 ng/ul
RT: 16.992 min Scan# 3082
Delta R.T. -0.004 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Tgt Ion:178 Resp: 13823

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.1	19.7
176	19.5	15.5	23.3



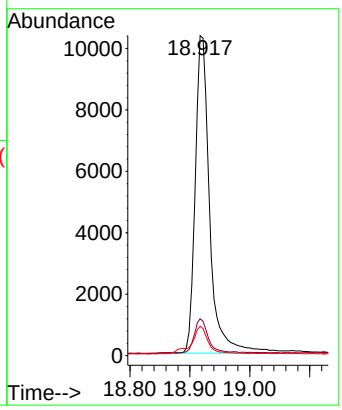


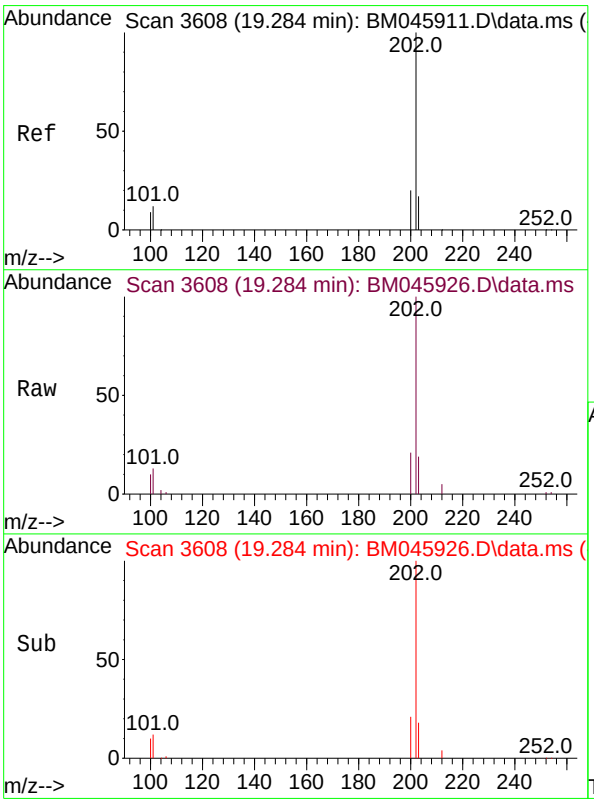
#19
Fluoranthene
Concen: 0.401 ng/ul
RT: 18.917 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Instrument :
BNA_M
ClientSampleId :
SLCS252

Tgt Ion:202 Resp: 17350

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.0	13.6
100	9.2	7.0	10.6

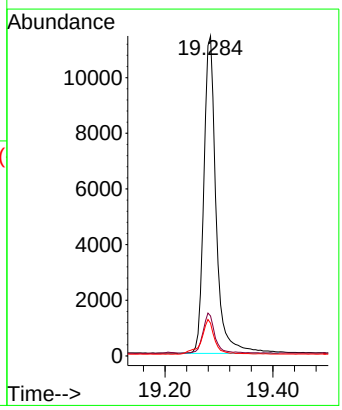


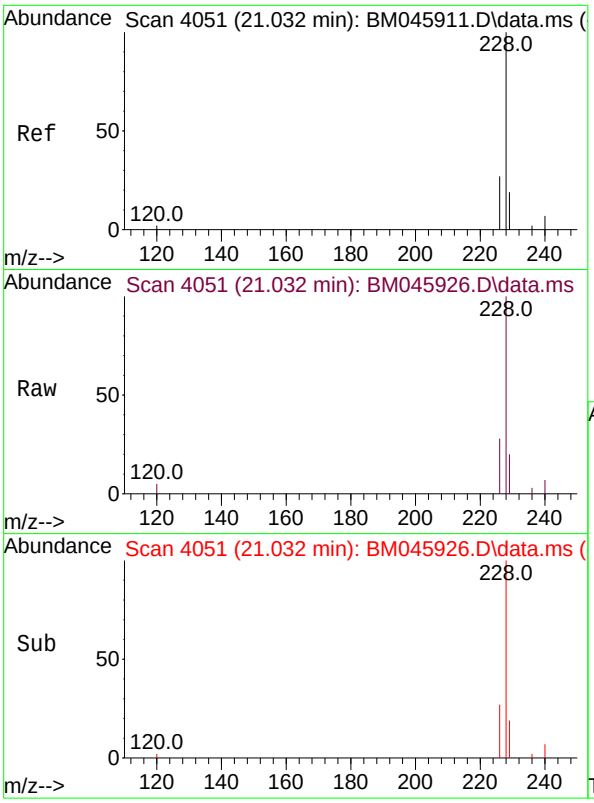


#20
Pyrene
Concen: 0.401 ng/ul
RT: 19.284 min Scan# 3608
Delta R.T. -0.000 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Tgt Ion:202 Resp: 18073

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.6	16.0
100	10.2	9.1	13.7



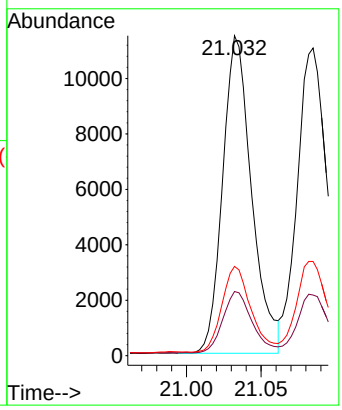


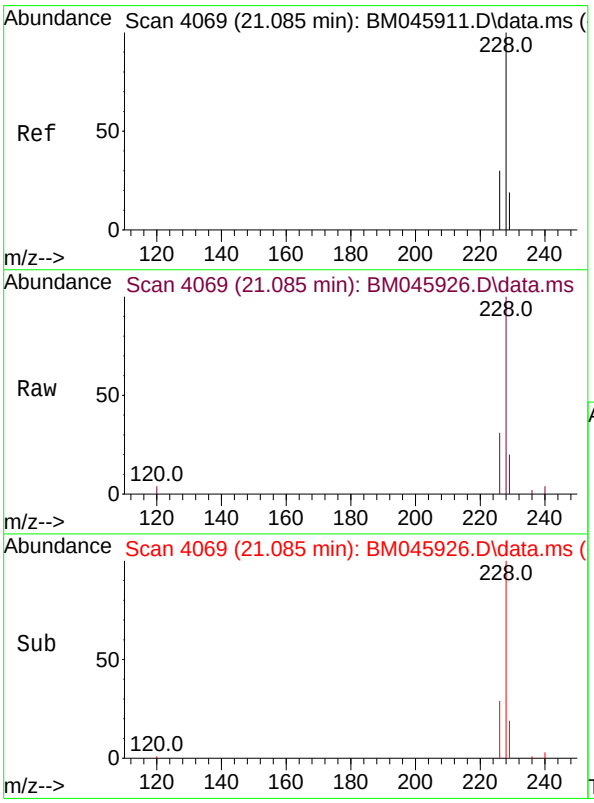
#21
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.032 min Scan# 4(
Delta R.T. -0.003 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Instrument :
BNA_M
ClientSampleId :
SLCS252

Tgt Ion:228 Resp: 15458

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.7	23.5
226	27.9	22.0	33.0

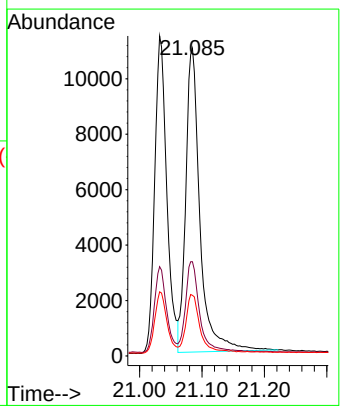


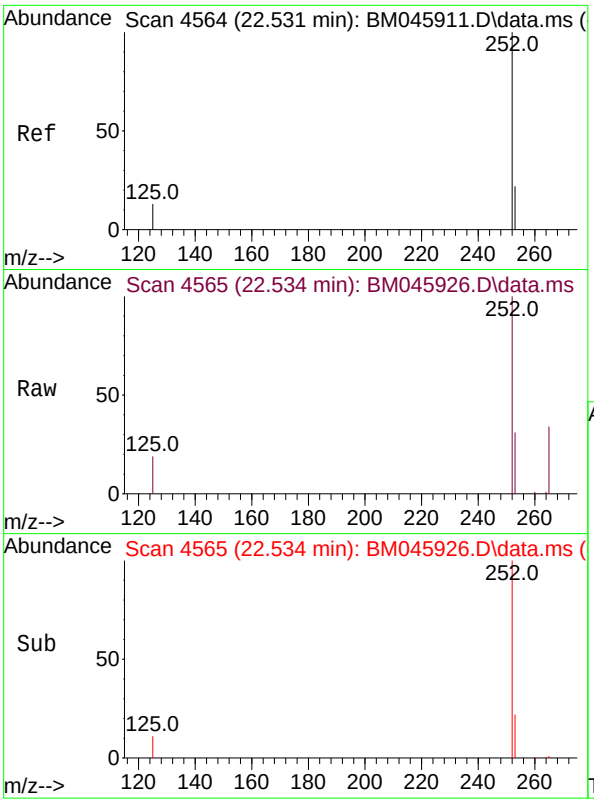


#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.085 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Tgt Ion:228 Resp: 17327

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	19.7	16.2	24.2



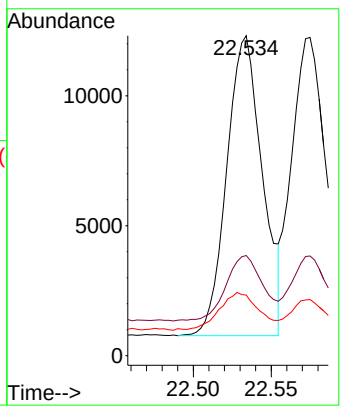


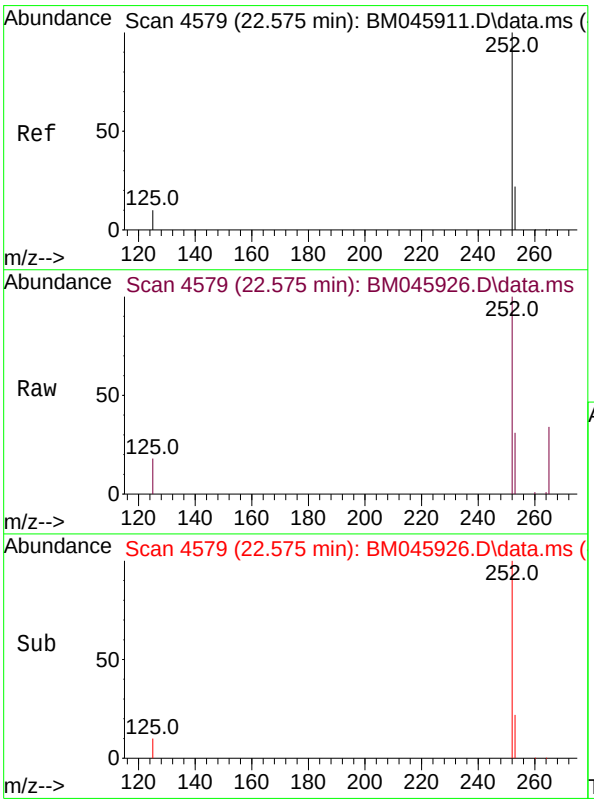
#24
Benzo(b)fluoranthene
Concen: 0.403 ng/ul
RT: 22.534 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Instrument :
BNA_M
ClientSampleId :
SLCS252

Tgt Ion:252 Resp: 18327

Ion	Ratio	Lower	Upper
252	100		
253	31.3	0.0	63.6
125	18.9	0.0	35.8

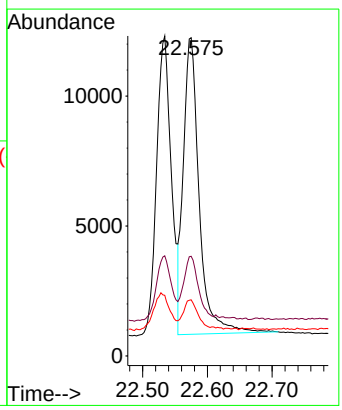


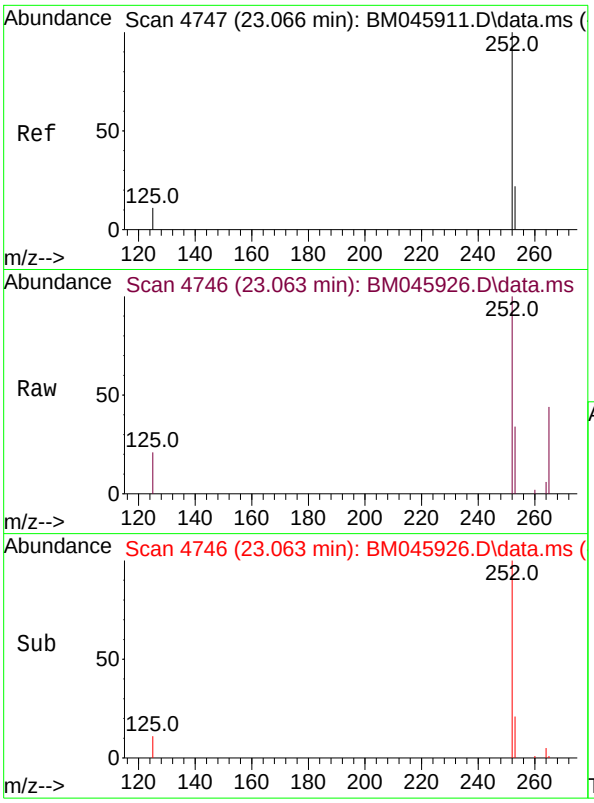


#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 22.575 min Scan# 4579
Delta R.T. -0.006 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Tgt Ion:252 Resp: 19378

Ion	Ratio	Lower	Upper
252	100		
253	31.3	25.0	37.6
125	17.7	14.2	21.2



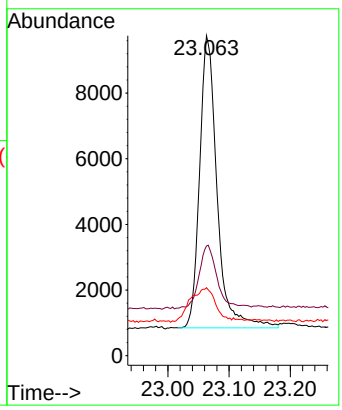


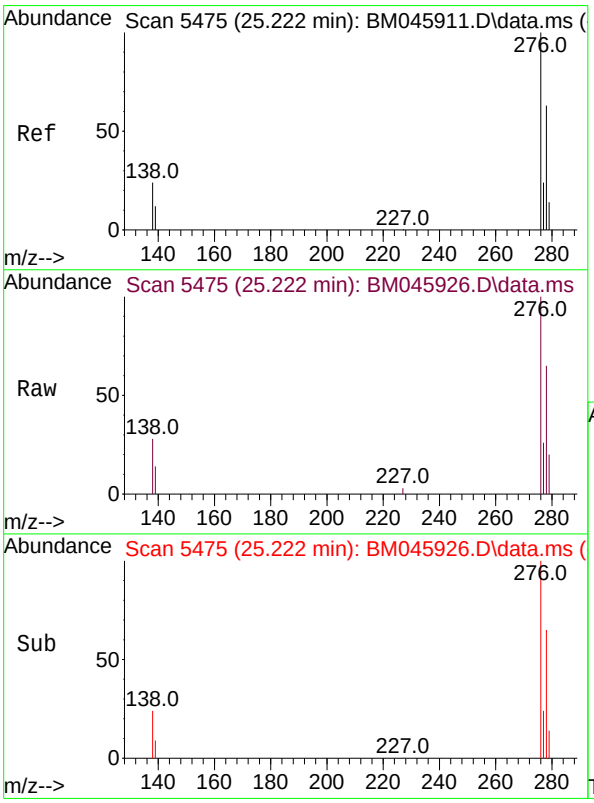
#26
Benzo(a)pyrene
Concen: 0.390 ng/ul
RT: 23.063 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Instrument :
BNA_M
ClientSampleId :
SLCS252

Tgt Ion:252 Resp: 17626

Ion	Ratio	Lower	Upper
252	100		
253	34.3	28.8	43.2
125	21.3	17.3	25.9

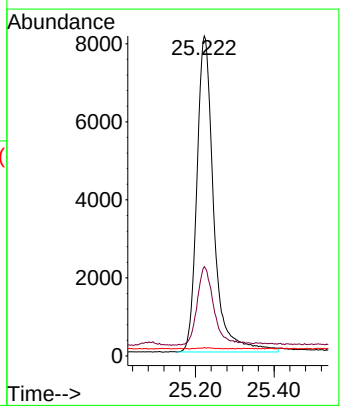


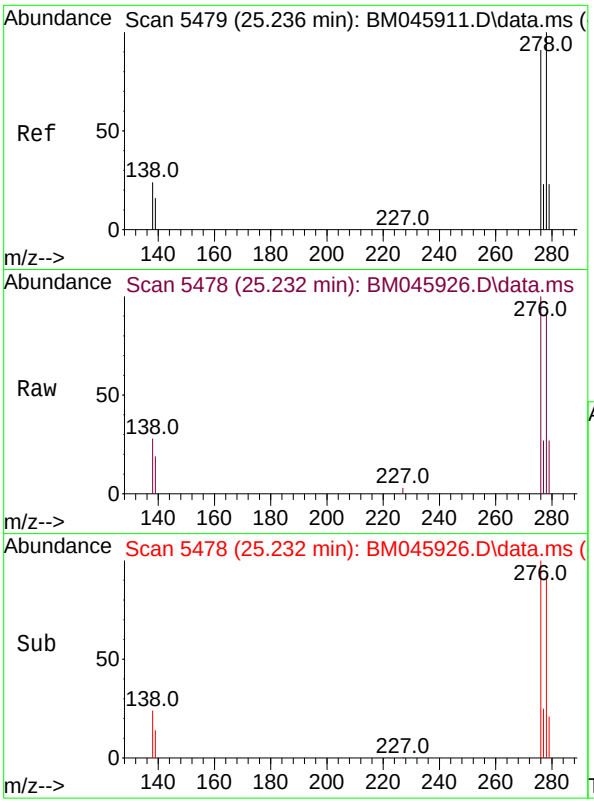


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng/ul
RT: 25.222 min Scan# 5475
Delta R.T. -0.010 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Tgt Ion:276 Resp: 24130

Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.7	31.1
227	0.2	0.2	0.2



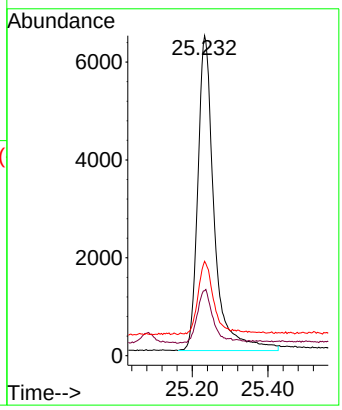


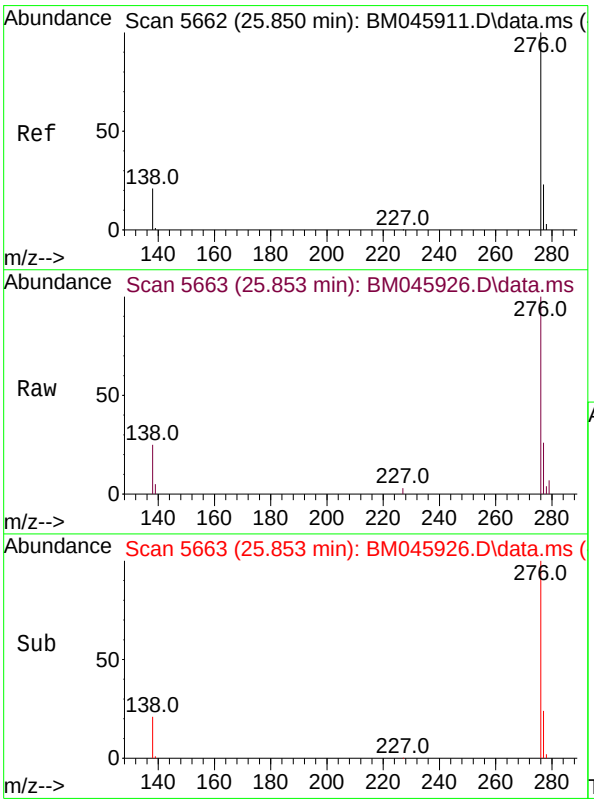
#28
Dibenzo(a,h)anthracene
Concen: 0.412 ng/ul
RT: 25.232 min Scan# 5
Delta R.T. -0.016 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Instrument :
BNA_M
ClientSampleId :
SLCS252

Tgt Ion:278 Resp: 19259

Ion	Ratio	Lower	Upper
278	100		
139	20.3	16.6	25.0
279	29.5	24.6	37.0





#29
Benzo(g,h,i)perylene
Concen: 0.416 ng/ul
RT: 25.853 min Scan# 5663
Delta R.T. -0.010 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Tgt Ion:276 Resp: 20991

Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.0	31.4
277	25.6	20.5	30.7