Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120324\
Data File : BM048812.D
Acq On : 02 Dec 2024 19:19
Operator : RC/JU
Sample : SSTD0.821
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8002

Quant Time: Dec 03 00:12:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 00:10:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	3238	0.400	ng/ul	0.00
4) Naphthalene-d8	10.374	136	9318	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.242	164	4929	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	9100	0.400	ng/ul	0.00
17) Chrysene-d12	21.187	240	6439	0.400	ng/ul	0.00
23) Perylene-d12	23.364	264	6941	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.177	96	3321	0.849	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.975	152	8869	0.728	ng/ul	0.00
18) Fluoranthene-d10	19.019	212	15156	0.706	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.206	88	3910	0.894	ng/ul	92
5) Naphthalene	10.424	128	18414	0.771	ng/ul	99
7) 2-Methylnaphthalene	12.046	142	10811	0.690	ng/ul	98
8) 1-Methylnaphthalene	12.266	142	11059	0.698	ng/ul	98
10) Acenaphthylene	13.955	152	17064	0.731	ng/ul	98
11) Acenaphthene	14.302	153	12338	0.776	ng/ul	99
12) Fluorene	15.297	166	13139	0.742	ng/ul	99
14) Pentachlorophenol	16.650	266	637	0.251	ng/ul#	8
15) Phenanthrene	17.030	178	18986	0.730	ng/ul	98
16) Anthracene	17.123	178	17178	0.662	ng/ul	96
19) Fluoranthene	19.052	202	21740	0.664	ng/ul	98
20) Pyrene	19.415	202	22178	0.634	ng/ul	98
21) Benzo(a)anthracene	21.173	228	14187	0.465	ng/ul	98
22) Chrysene	21.222	228	21313	0.733	ng/ul	100
24) Benzo(b)fluoranthene	22.718	252	16093	0.555	ng/ul	91
25) Benzo(k)fluoranthene	22.762	252	21524	0.745	ng/ul#	92
26) Benzo(a)pyrene	23.274	252	16105	0.601	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.538	276	21442	0.604	ng/ul	98
28) Dibenzo(a,h)anthracene	25.561	278	16293	0.616	ng/ul	94
29) Benzo(g,h,i)perylene	26.192	276	18532	0.657	ng/ul	95

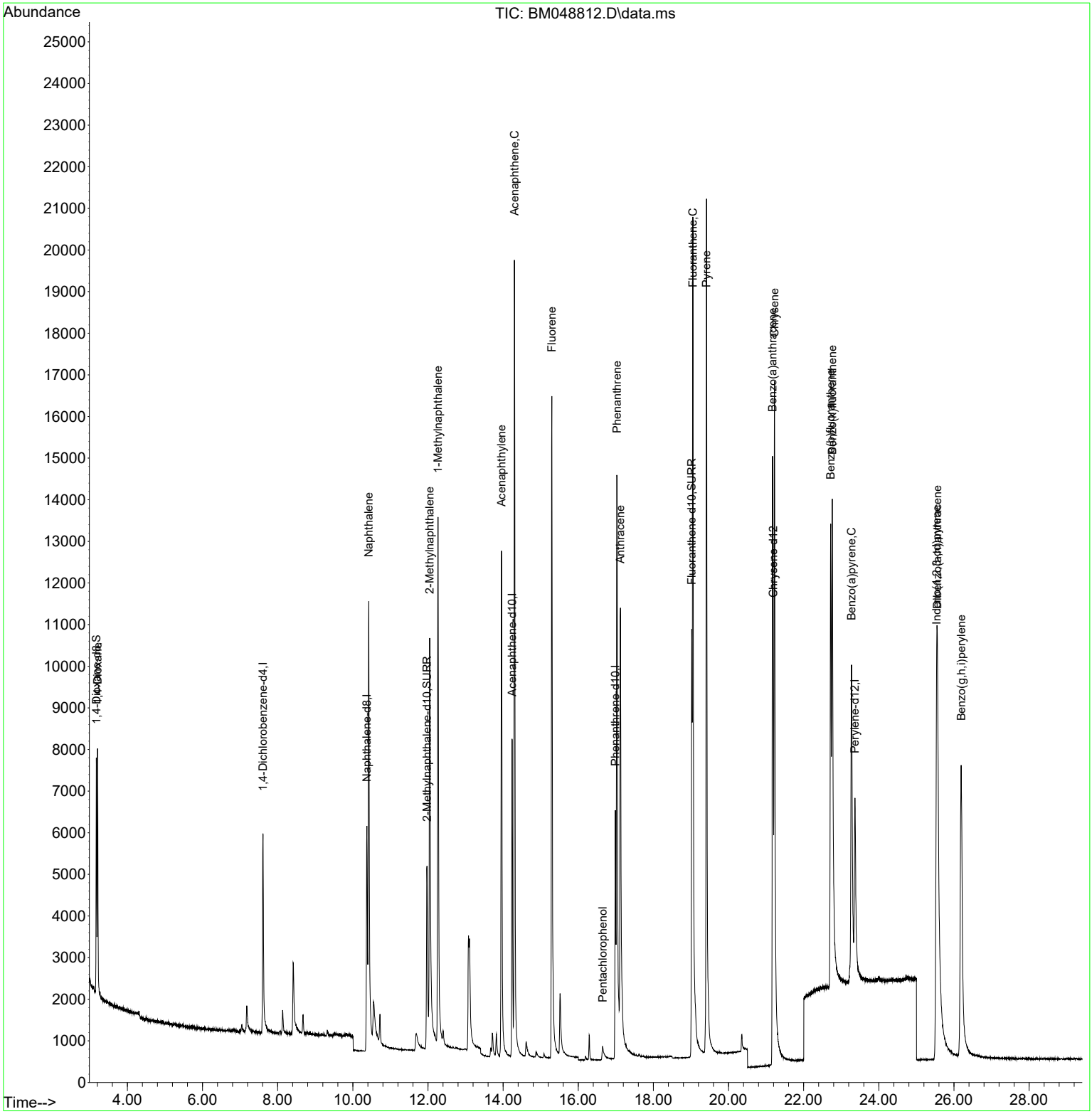
(#) = qualifier out of range (m) = manual integration (+) = signals summed

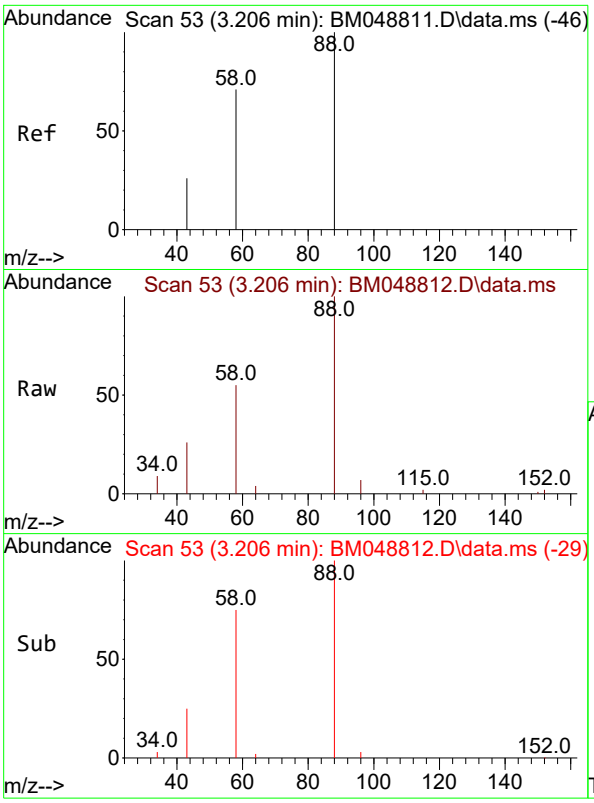
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120324\
Data File : BM048812.D
Acq On : 02 Dec 2024 19:19
Operator : RC/JU
Sample : SSTD0.821
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8002

Quant Time: Dec 03 00:12:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 00:10:10 2024
Response via : Initial Calibration



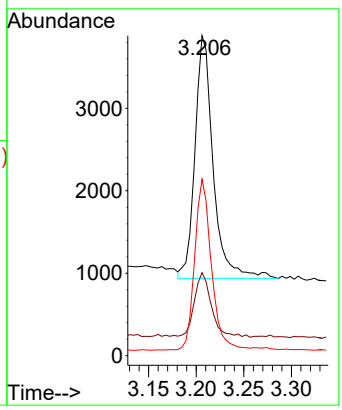


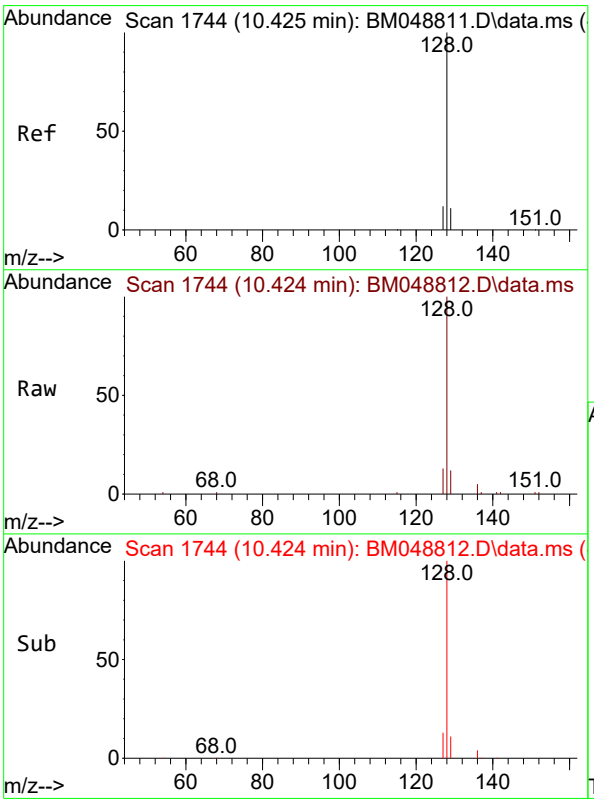
#2
1,4-Dioxane
Concen: 0.894 ng/ul
RT: 3.206 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.8002

Tgt Ion: 88 Resp: 3910

Ion	Ratio	Lower	Upper
88	100		
43	25.9	20.6	30.8
58	55.2	37.6	56.4

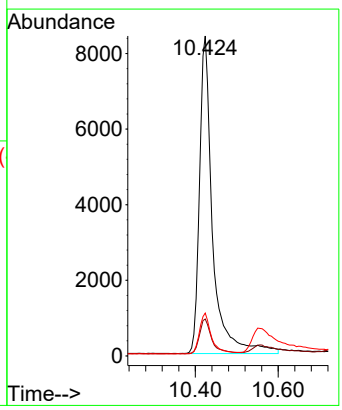


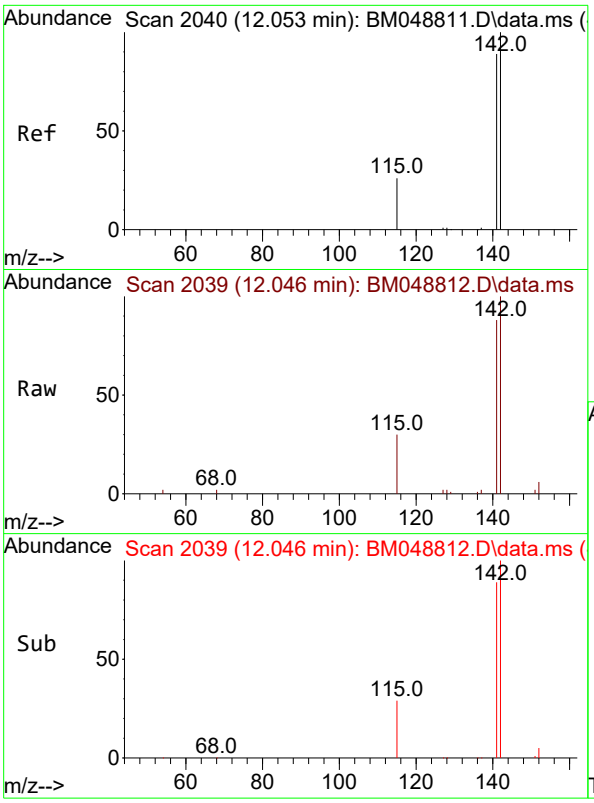


#5
Naphthalene
Concen: 0.771 ng/ul
RT: 10.424 min Scan# 1744
Delta R.T. -0.001 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Tgt Ion:128 Resp: 18414

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	13.4	10.7	16.1



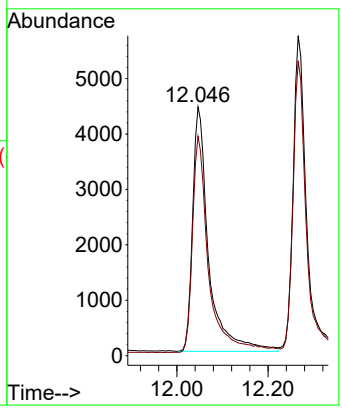


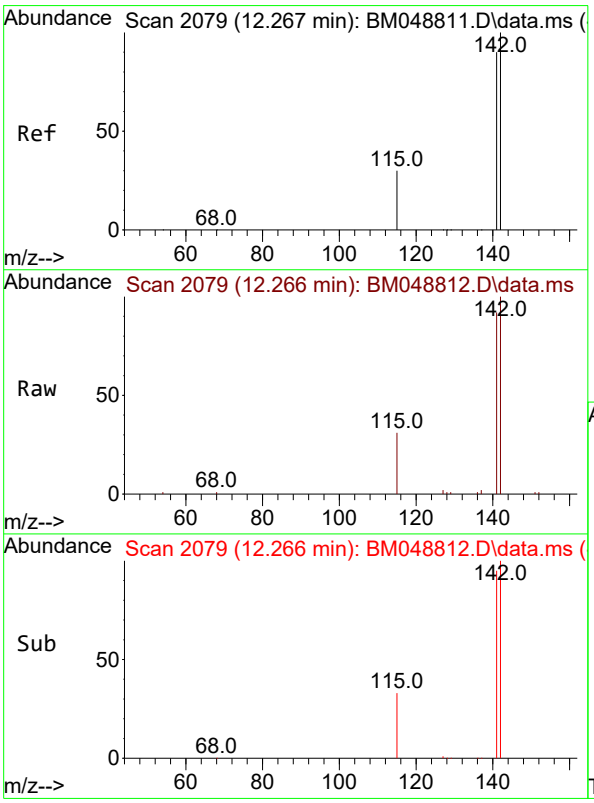
#7
2-Methylnaphthalene
Concen: 0.690 ng/ul
RT: 12.046 min Scan# 2
Delta R.T. -0.007 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.8002

Tgt Ion:142 Resp: 10811

Ion	Ratio	Lower	Upper
142	100		
141	89.2	73.0	109.6

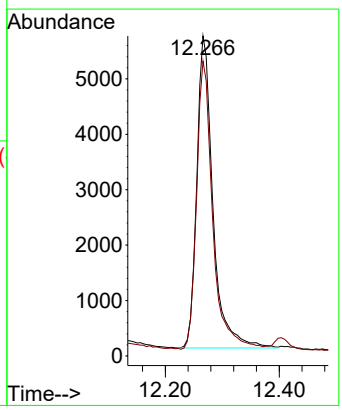


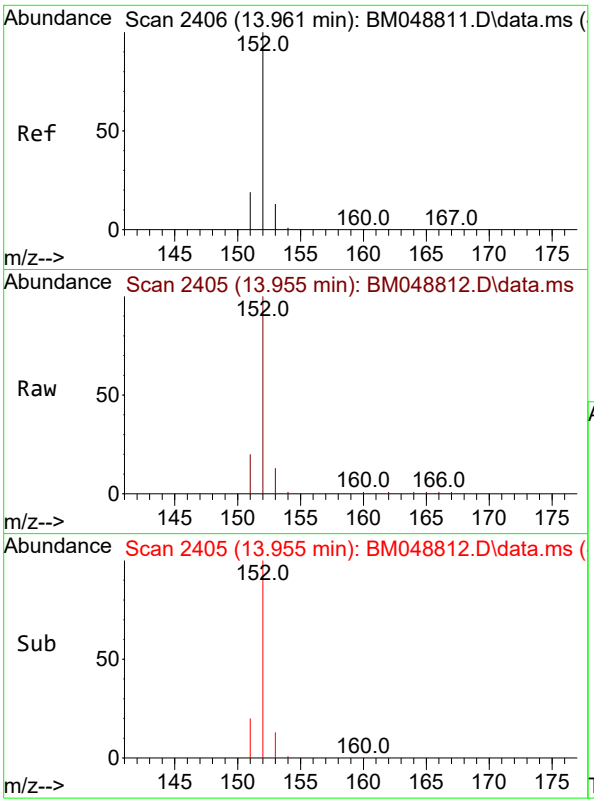


#8
1-Methylnaphthalene
Concen: 0.698 ng/ul
RT: 12.266 min Scan# 2079
Delta R.T. -0.001 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Tgt Ion:142 Resp: 11059

Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.5	108.7



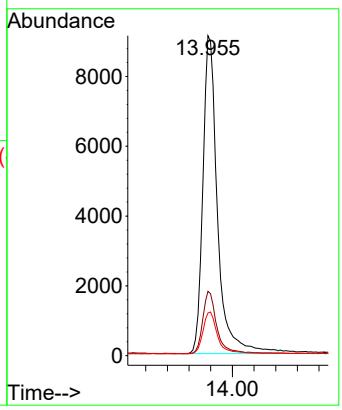


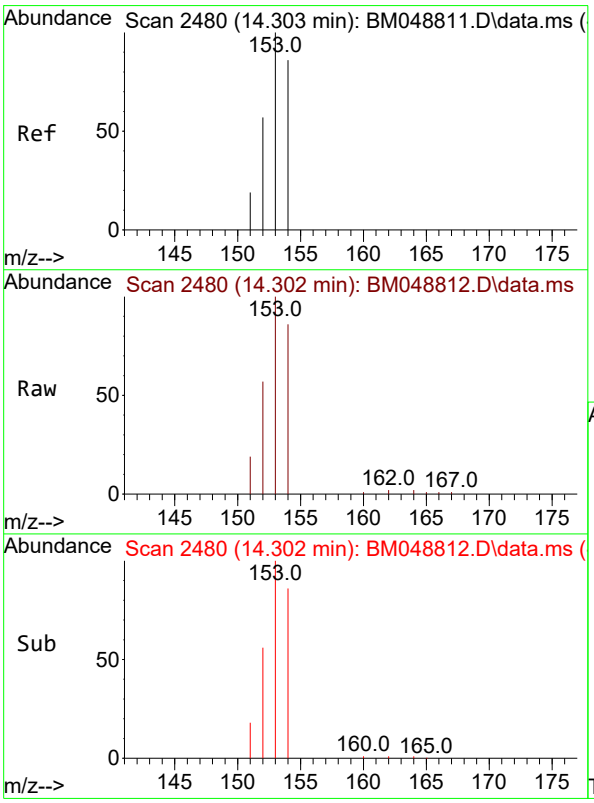
#10
Acenaphthylene
Concen: 0.731 ng/ul
RT: 13.955 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.8002

Tgt Ion:152 Resp: 17064

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.4	11.7	17.5

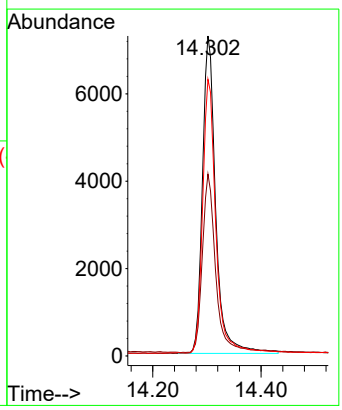


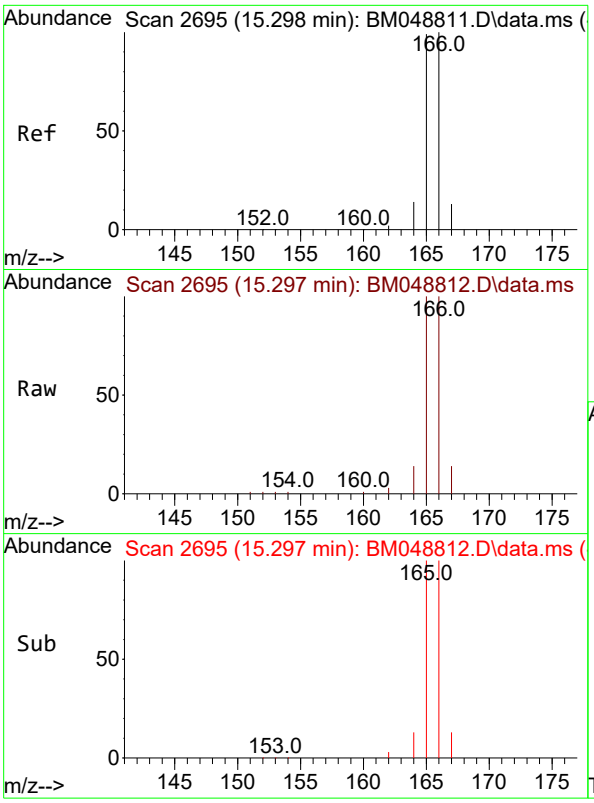


#11
Acenaphthene
Concen: 0.776 ng/ul
RT: 14.302 min Scan# 2480
Delta R.T. -0.001 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Tgt Ion:153 Resp: 12338

Ion	Ratio	Lower	Upper
153	100		
152	56.9	46.5	69.7
154	86.4	68.7	103.1



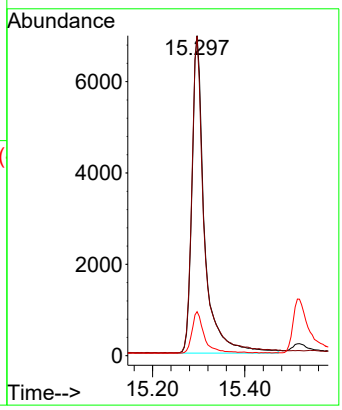


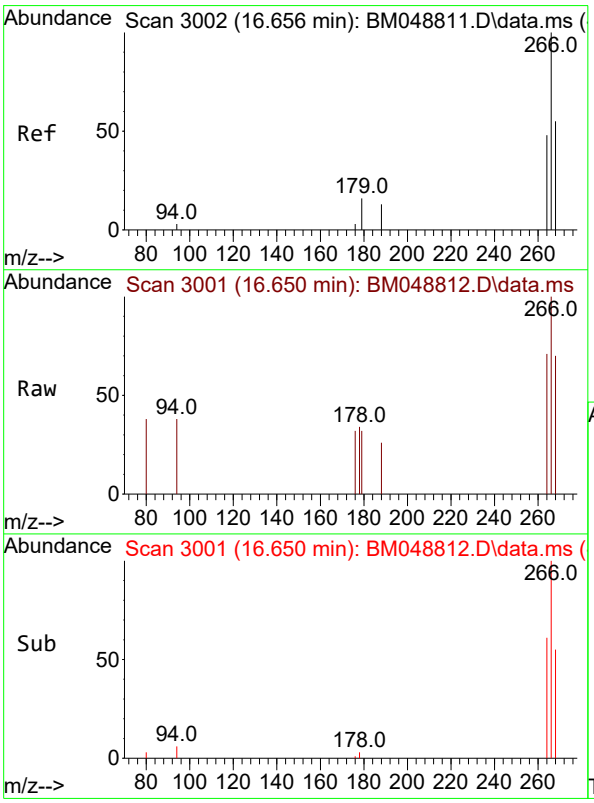
#12
Fluorene
Concen: 0.742 ng/ul
RT: 15.297 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.8002

Tgt Ion:166 Resp: 13139

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.8	119.6
167	13.7	12.2	18.2

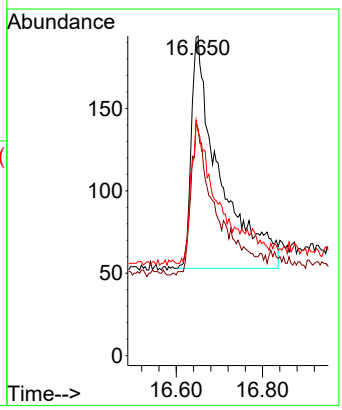


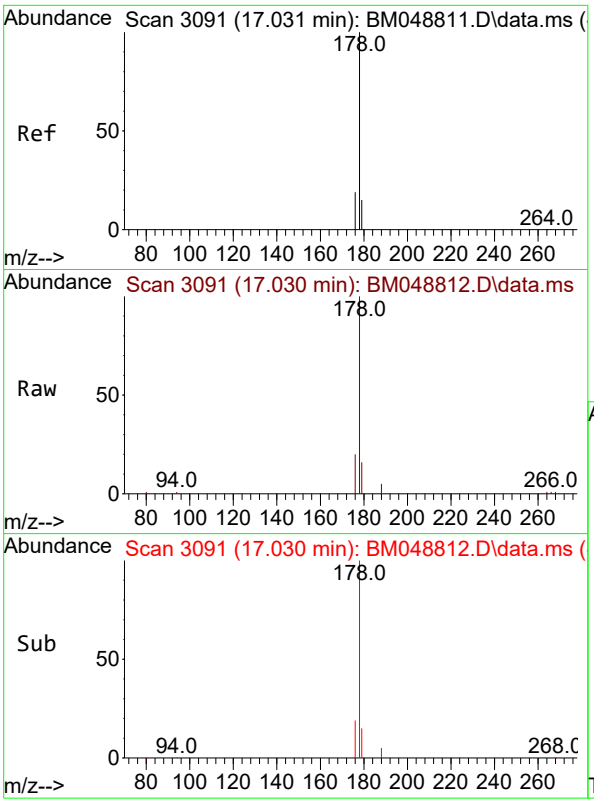


#14
Pentachlorophenol
Concen: 0.251 ng/ul
RT: 16.650 min Scan# 3001
Delta R.T. -0.005 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Tgt Ion:266 Resp: 637

Ion	Ratio	Lower	Upper
266	100		
264	60.8	15.3	22.9#
268	61.5	0.0	0.0#



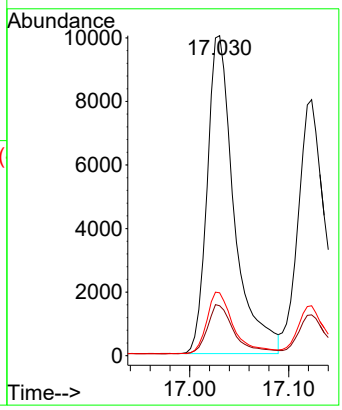


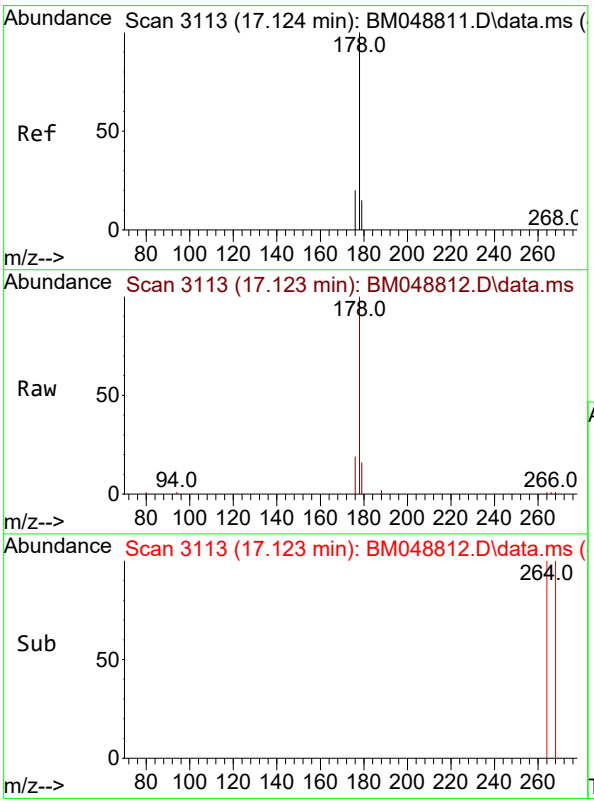
#15
Phenanthrene
Concen: 0.730 ng/ul
RT: 17.030 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.8002

Tgt Ion:178 Resp: 18986

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.0
176	19.7	16.2	24.4

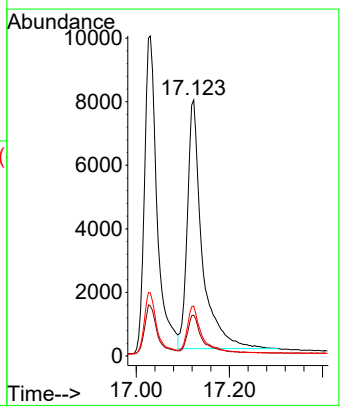


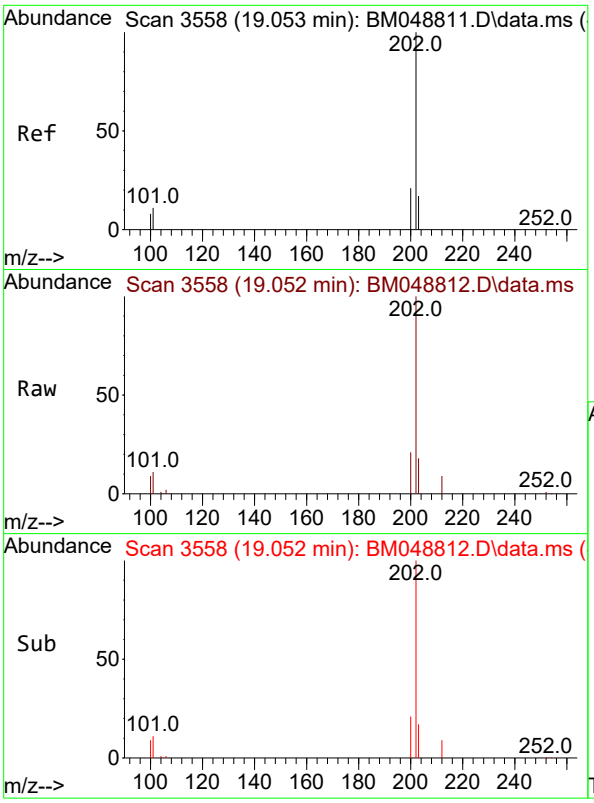


#16
Anthracene
Concen: 0.662 ng/ul
RT: 17.123 min Scan# 3113
Delta R.T. -0.001 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Tgt Ion:178 Resp: 17178

Ion	Ratio	Lower	Upper
178	100		
179	15.9	14.0	21.0
176	19.5	17.0	25.4



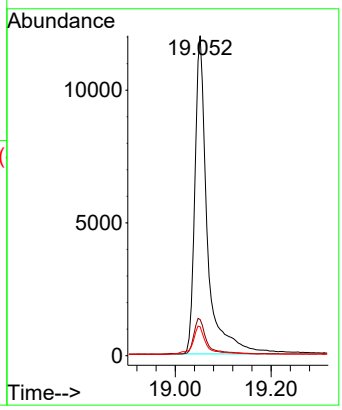


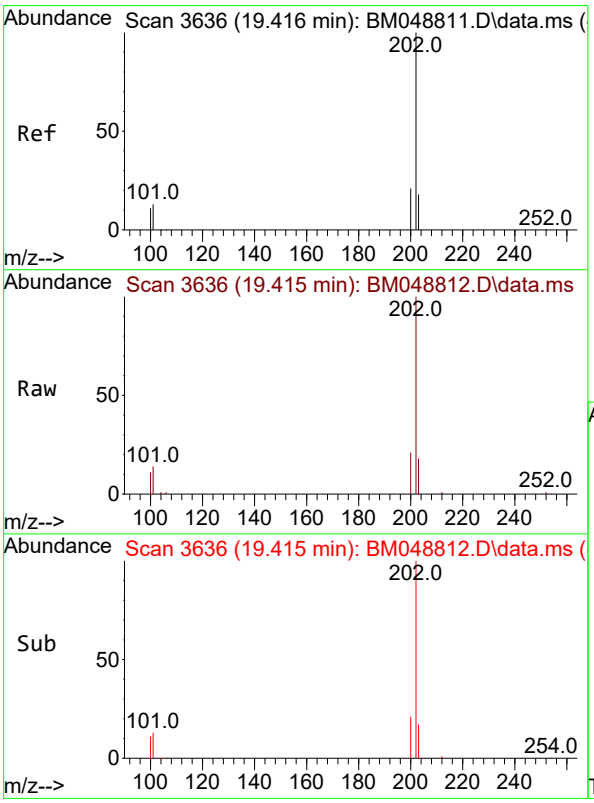
#19
Fluoranthene
Concen: 0.664 ng/ul
RT: 19.052 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.8002

Tgt Ion:202 Resp: 21740

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.7	14.5
100	9.0	7.5	11.3

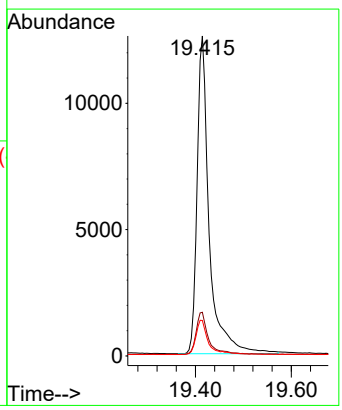


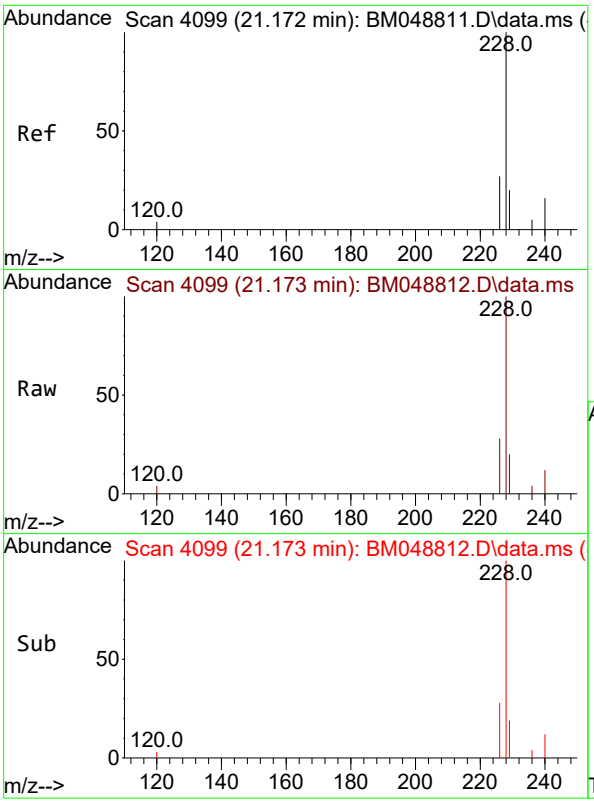


#20
Pyrene
Concen: 0.634 ng/ul
RT: 19.415 min Scan# 3636
Delta R.T. -0.001 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Tgt Ion:202 Resp: 22178

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.6	17.4
100	11.1	9.4	14.0



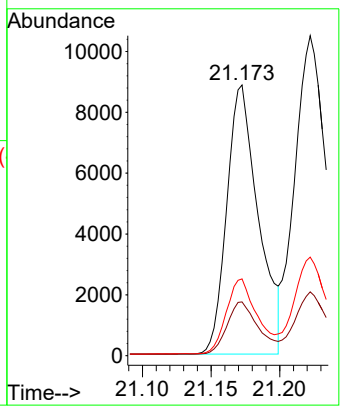


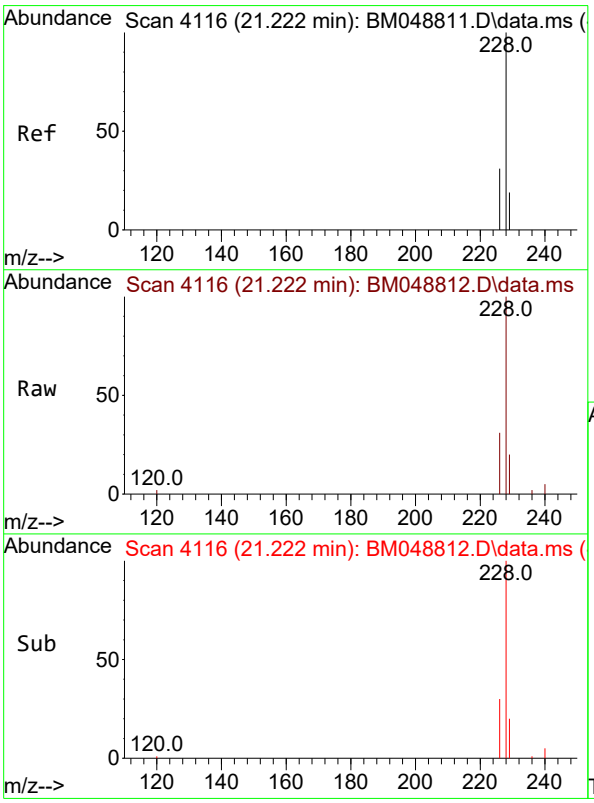
#21
Benzo(a)anthracene
Concen: 0.465 ng/ul
RT: 21.173 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.8002

Tgt Ion:228 Resp: 14187

Ion	Ratio	Lower	Upper
228	100		
229	19.8	17.0	25.6
226	28.4	22.5	33.7

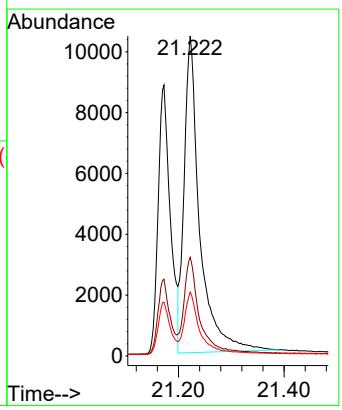


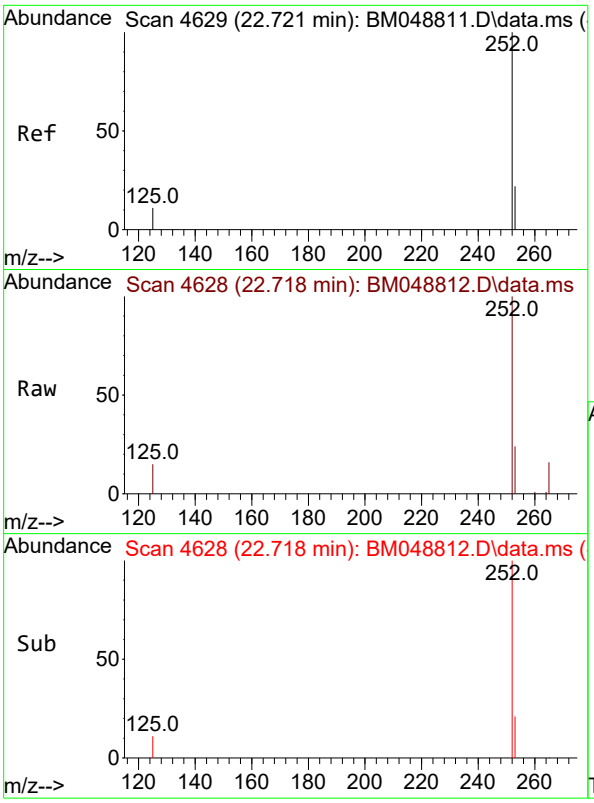


#22
Chrysene
Concen: 0.733 ng/ul
RT: 21.222 min Scan# 4116
Delta R.T. 0.001 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Tgt Ion:228 Resp: 21313

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	19.9	16.1	24.1



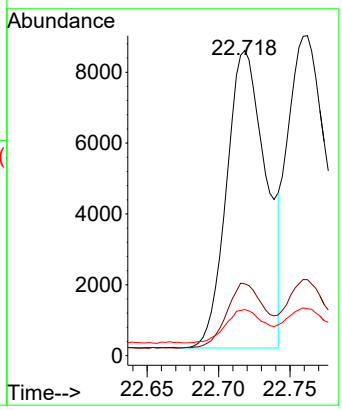


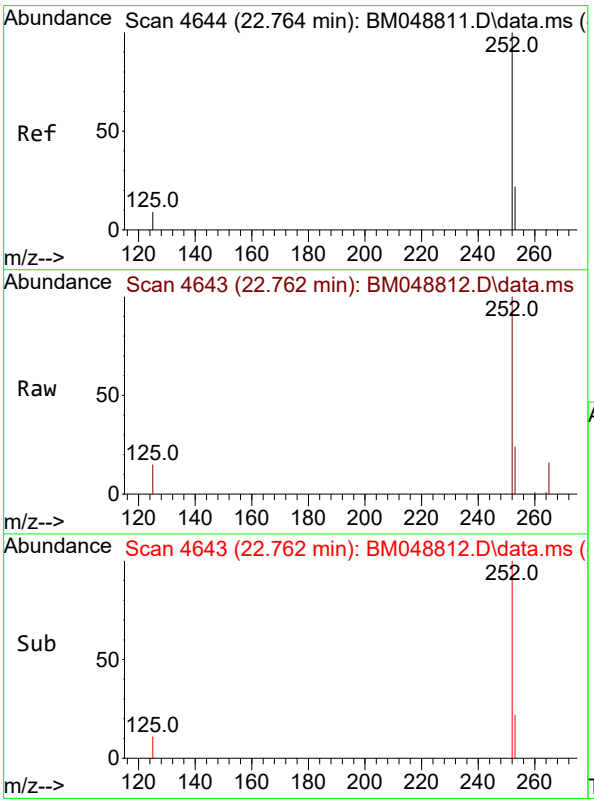
#24
Benzo(b)fluoranthene
Concen: 0.555 ng/ul
RT: 22.718 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.8002

Tgt Ion:252 Resp: 16093

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	54.2
125	15.1	0.0	41.4

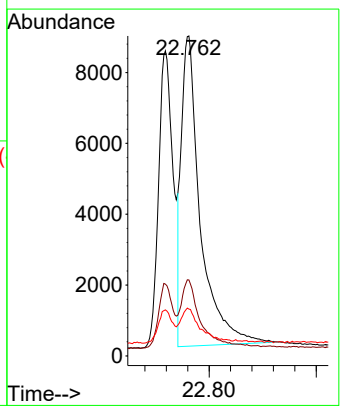


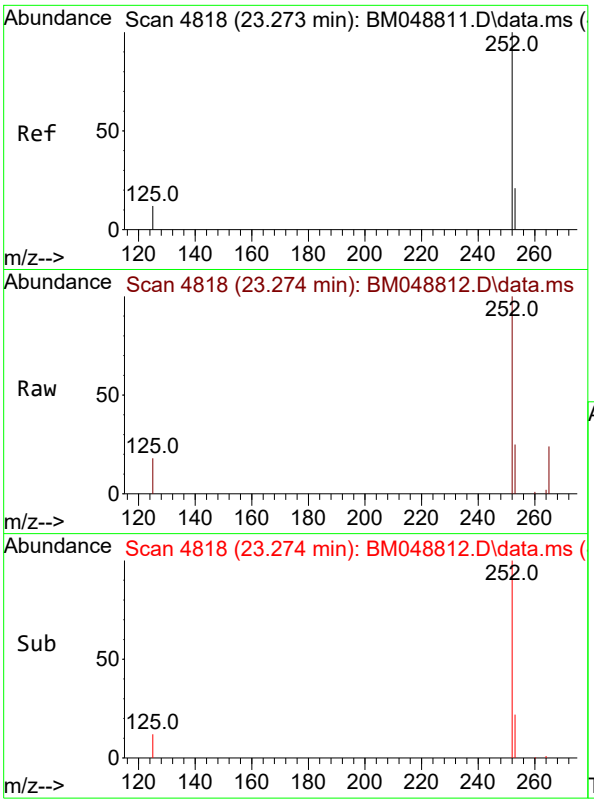


#25
Benzo(k)fluoranthene
Concen: 0.745 ng/ul
RT: 22.762 min Scan# 4643
Delta R.T. -0.002 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Tgt Ion:252 Resp: 21524

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.8	31.2
125	14.6	16.2	24.4#



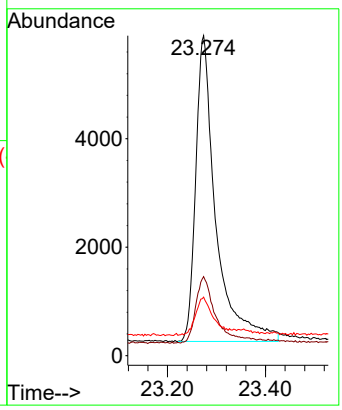


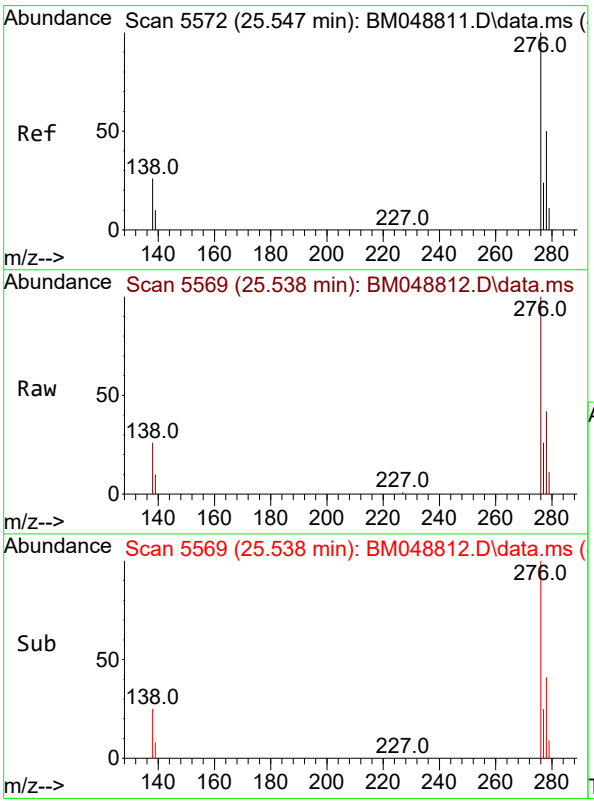
#26
Benzo(a)pyrene
Concen: 0.601 ng/ul
RT: 23.274 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.8002

Tgt Ion:252 Resp: 16105

Ion	Ratio	Lower	Upper
252	100		
253	24.7	22.5	33.7
125	18.3	20.6	30.8#

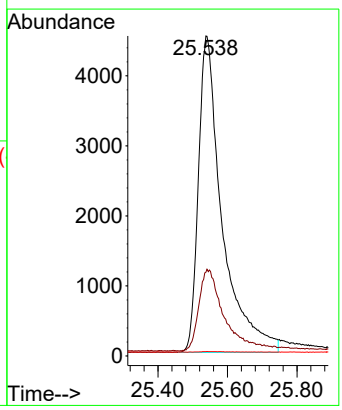


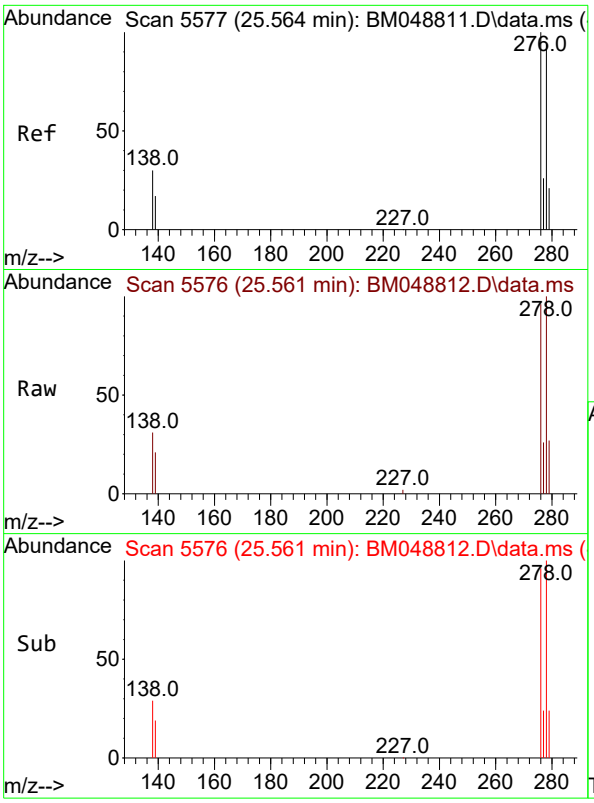


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.604 ng/ul
RT: 25.538 min Scan# 5569
Delta R.T. -0.009 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Tgt Ion:276 Resp: 21442

Ion	Ratio	Lower	Upper
276	100		
138	27.8	23.3	34.9
227	0.1	0.1	0.1



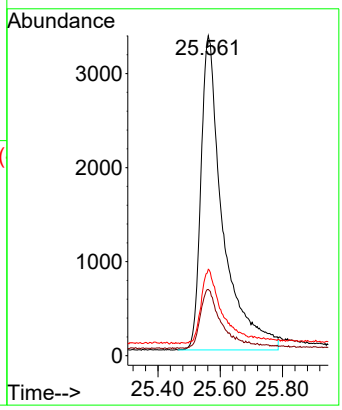


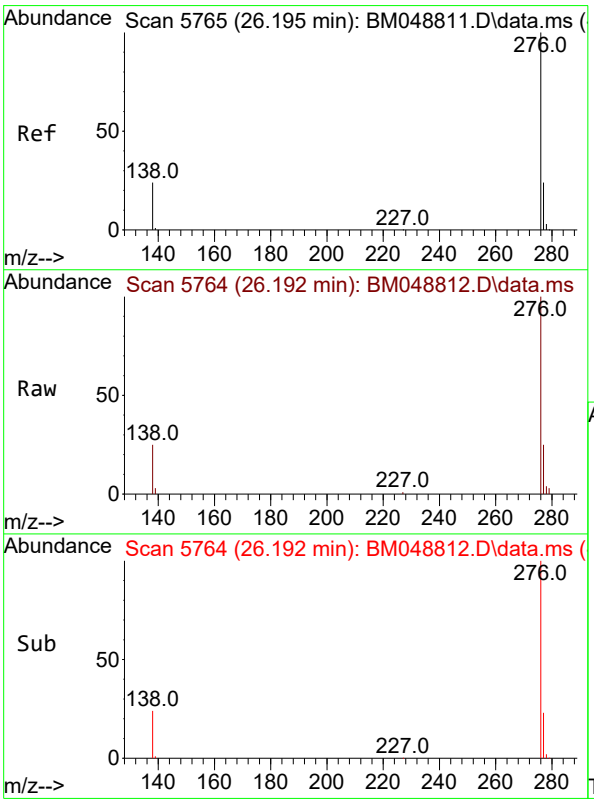
#28
Dibenzo(a,h)anthracene
Concen: 0.616 ng/ul
RT: 25.561 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.8002

Tgt Ion:278 Resp: 16293

Ion	Ratio	Lower	Upper
278	100		
139	20.7	18.6	27.8
279	27.0	24.7	37.1





#29
Benzo(g,h,i)perylene
Concen: 0.657 ng/ul
RT: 26.192 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM048812.D
Acq: 02 Dec 2024 19:19

Tgt Ion:276 Resp: 18532

Ion	Ratio	Lower	Upper
276	100		
138	25.4	22.2	33.2
277	24.6	21.8	32.6