Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101824\
Data File : BM048145.D
Acq On : 18 Oct 2024 20:57
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV028

Quant Time: Oct 19 00:49:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 19 00:48:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.788	152	5936	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.585	136	18177	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.414	164	10613	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	18765	0.400	ng/ul	-0.01
17) Chrysene-d12	21.336	240	17594	0.400	ng/ul	0.00
23) Perylene-d12	23.595	264	17402	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	3270	0.405	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	9618	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.183	212	20358	0.398	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.273	88	3607	0.381	ng/ul	99
5) Naphthalene	10.634	128	19840	0.402	ng/ul	99
7) 2-Methylnaphthalene	12.278	142	11628	0.411	ng/ul	99
8) 1-Methylnaphthalene	12.476	142	12059	0.371	ng/ul	99
10) Acenaphthylene	14.141	152	19911	0.406	ng/ul	98
11) Acenaphthene	14.479	153	13948	0.398	ng/ul	99
12) Fluorene	15.474	166	15297	0.408	ng/ul	99
14) Pentachlorophenol	16.837	266	2435	0.386	ng/ul	98
15) Phenanthrene	17.205	178	21031	0.443	ng/ul	100
16) Anthracene	17.306	178	20189	0.450	ng/ul	99
19) Fluoranthene	19.211	202	27373	0.396	ng/ul	99
20) Pyrene	19.574	202	29618	0.399	ng/ul	99
21) Benzo(a)anthracene	21.324	228	19934	0.368	ng/ul	99
22) Chrysene	21.368	228	31325	0.380	ng/ul	99
24) Benzo(b)fluoranthene	22.911	252	23759	0.356	ng/ul	96
25) Benzo(k)fluoranthene	22.955	252	30000	0.372	ng/ul	97
26) Benzo(a)pyrene	23.496	252	23640	0.426	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.910	276	30560	0.367	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.923	278	23088	0.363	ng/ul	98
29) Benzo(g,h,i)perylene	26.607	276	25957	0.373	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101824\
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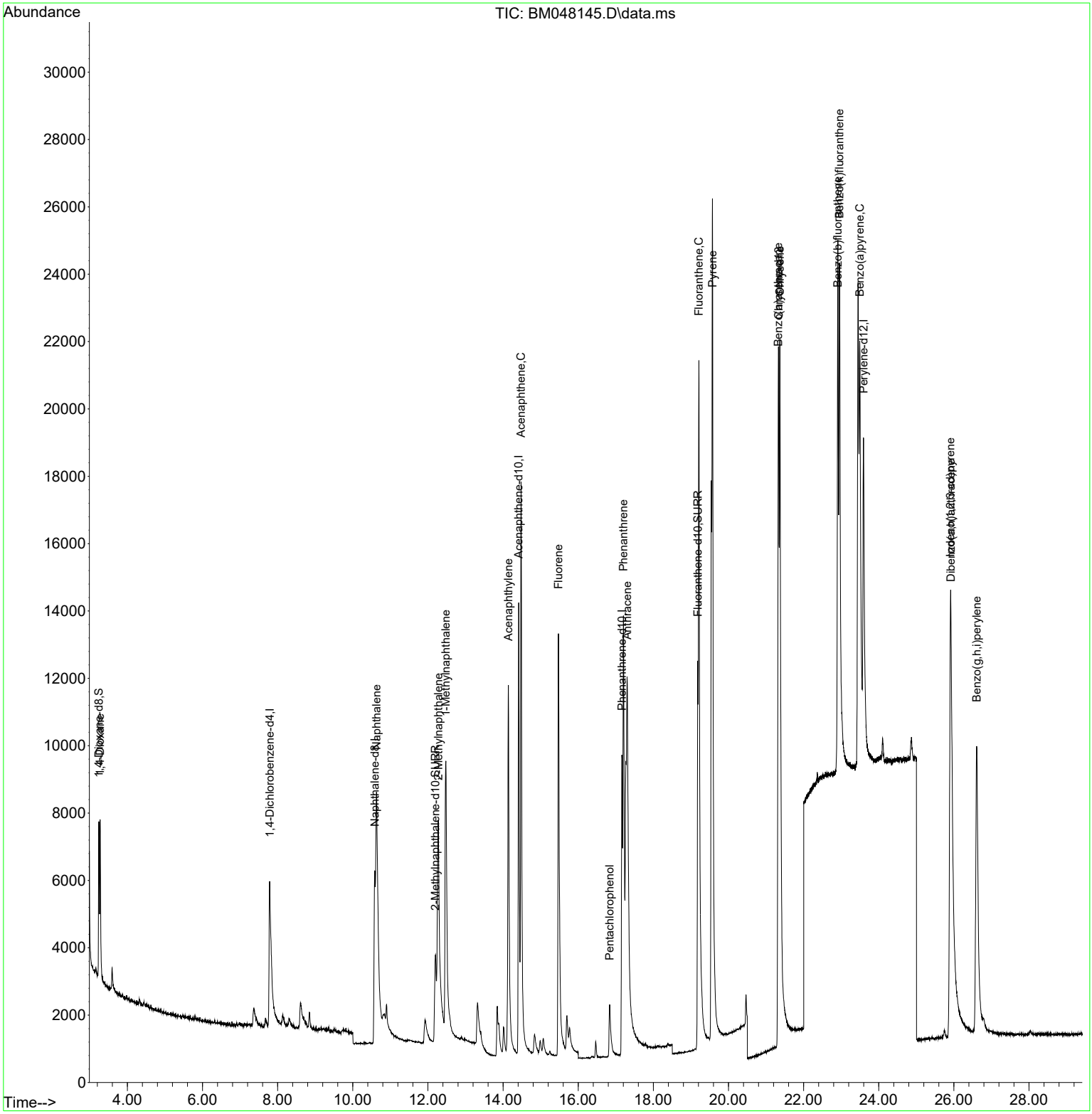
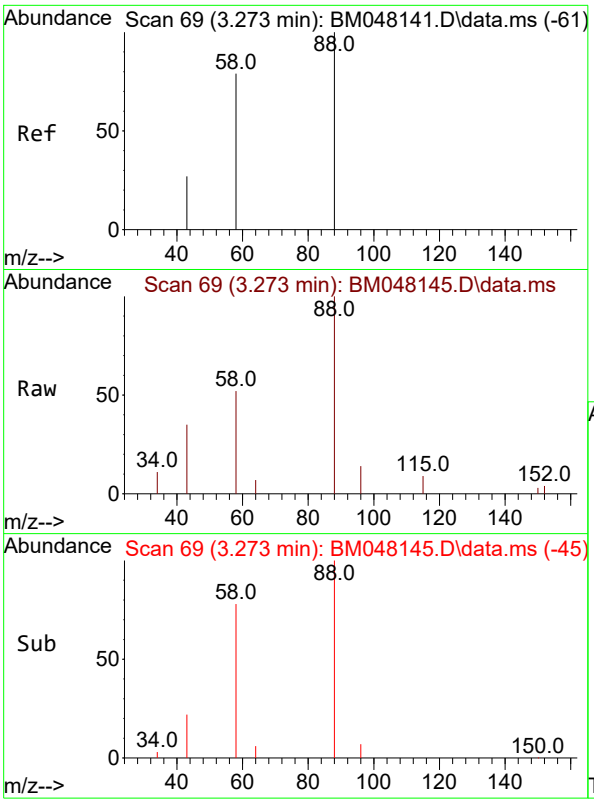


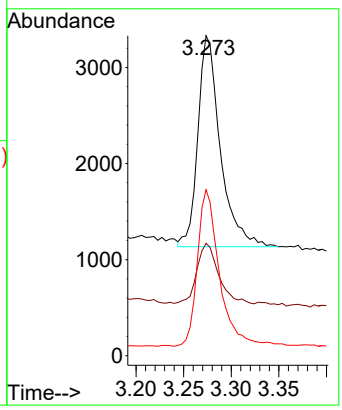


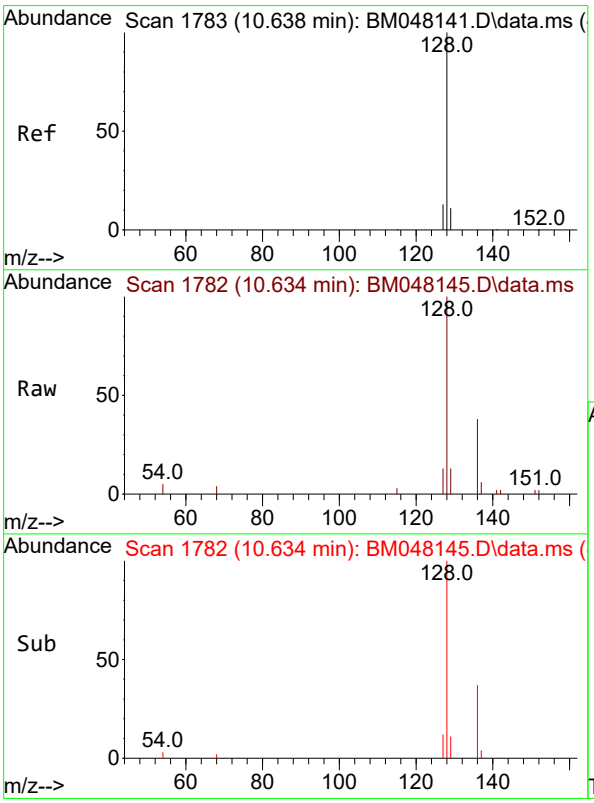
#2
1,4-Dioxane
Concen: 0.381 ng/ul
RT: 3.273 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion: 88 Resp: 3607

Ion	Ratio	Lower	Upper
88	100		
43	35.1	27.7	41.5
58	51.8	42.5	63.7

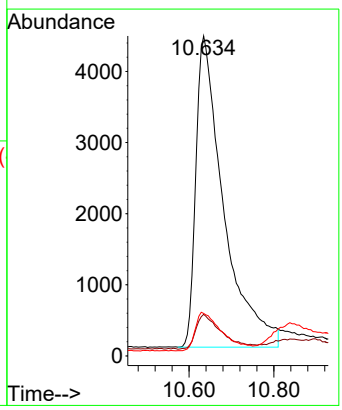


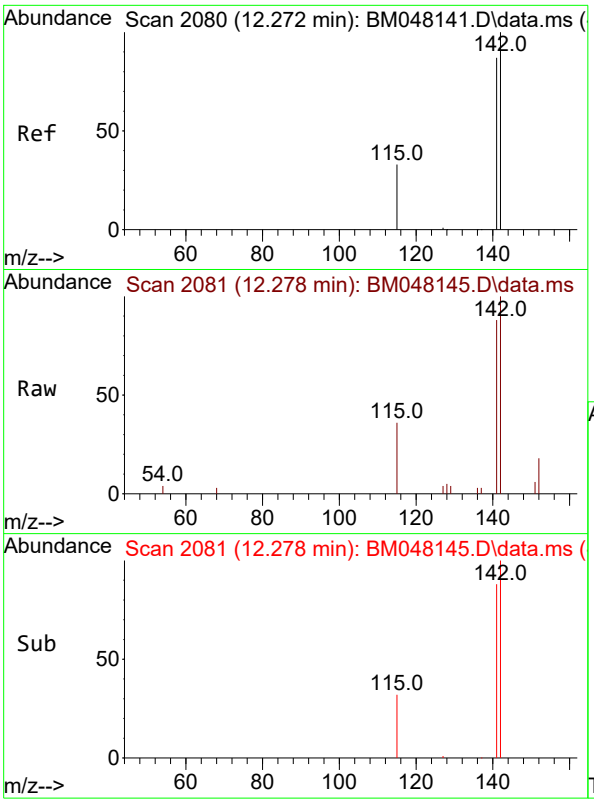


#5
Naphthalene
Concen: 0.402 ng/ul
RT: 10.634 min Scan# 1782
Delta R.T. -0.004 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Tgt Ion:128 Resp: 19840

Ion	Ratio	Lower	Upper
128	100		
129	13.0	10.6	15.8
127	13.3	11.3	16.9



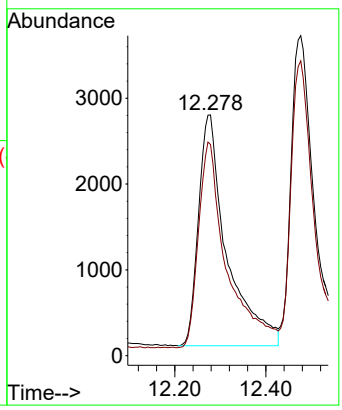


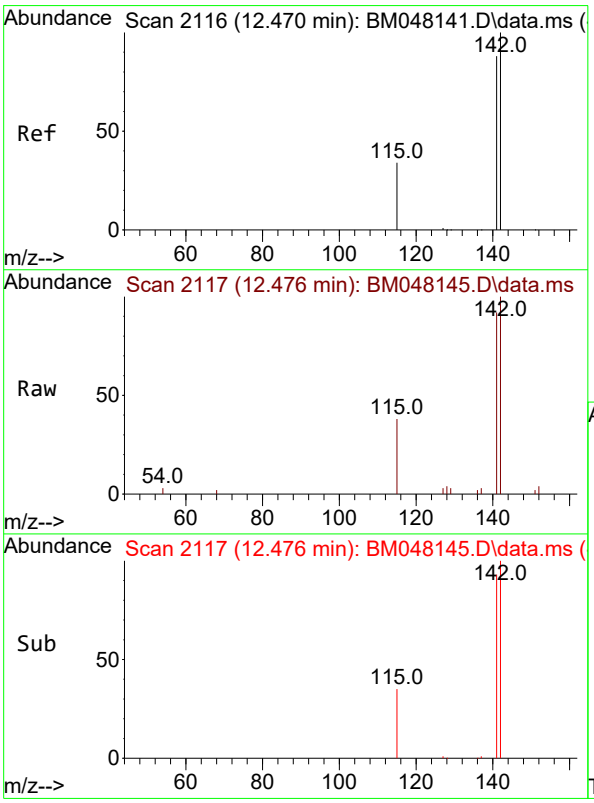
#7
2-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.278 min Scan# 2
Delta R.T. 0.007 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion:142 Resp: 11628

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.9	107.9

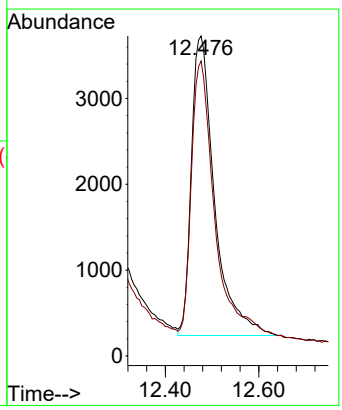


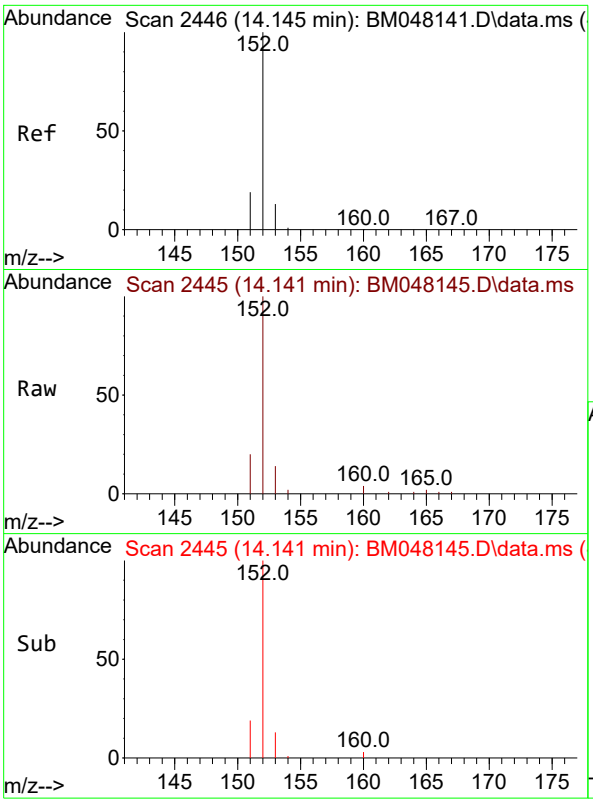


#8
1-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.476 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Tgt Ion:142 Resp: 12059

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.8	110.6



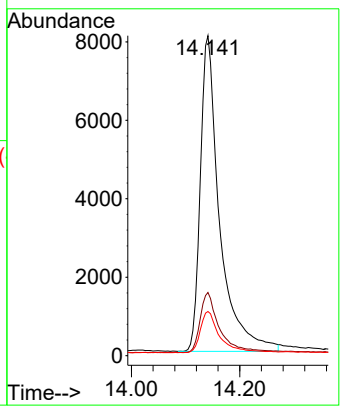


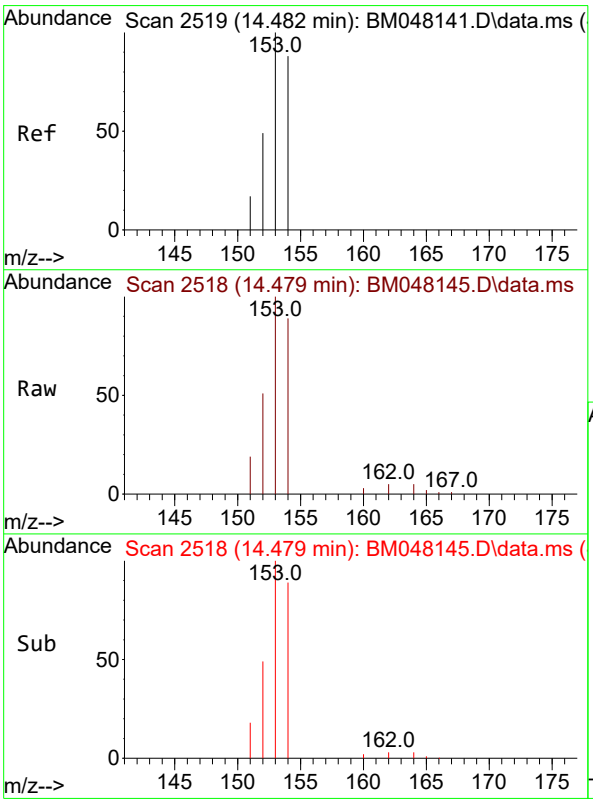
#10
Acenaphthylene
Concen: 0.406 ng/ul
RT: 14.141 min Scan# 24
Delta R.T. -0.003 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion:152 Resp: 19911

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	13.8	11.7	17.5

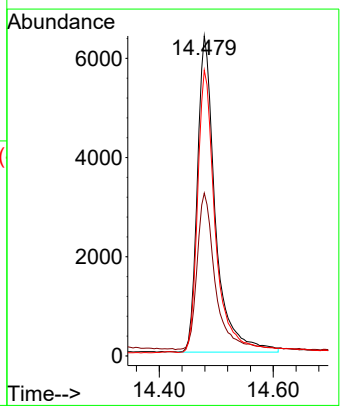


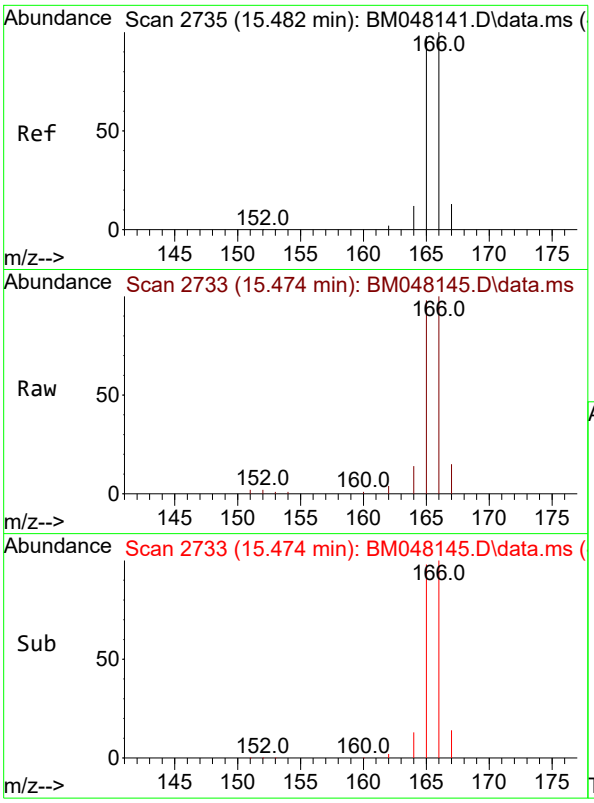


#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.479 min Scan# 2518
Delta R.T. -0.003 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Tgt Ion:153 Resp: 13948

Ion	Ratio	Lower	Upper
153	100		
152	50.9	40.9	61.3
154	89.3	71.0	106.4



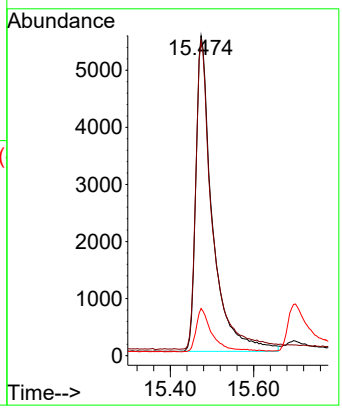


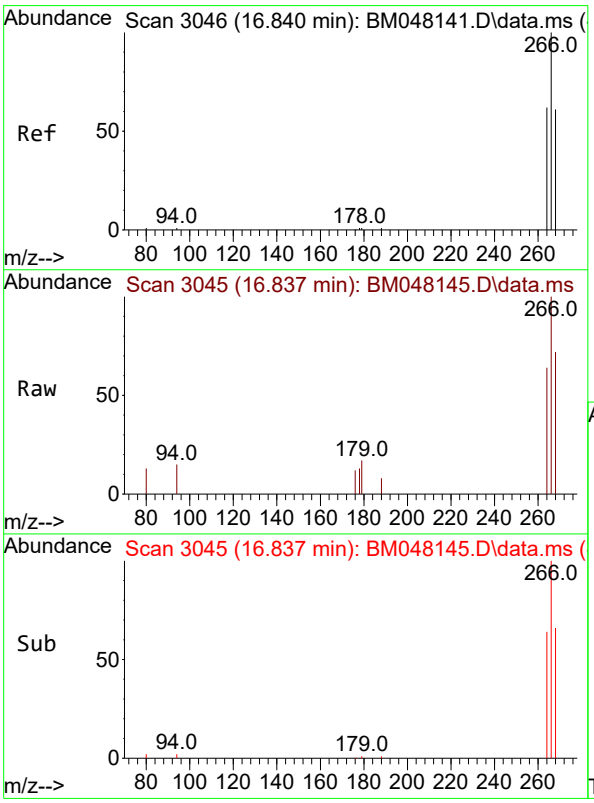
#12
Fluorene
Concen: 0.408 ng/ul
RT: 15.474 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion:166 Resp: 15297

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.1	118.7
167	14.7	12.0	18.0

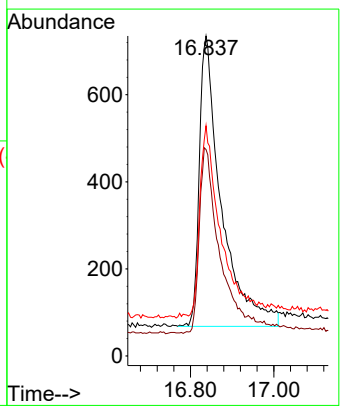


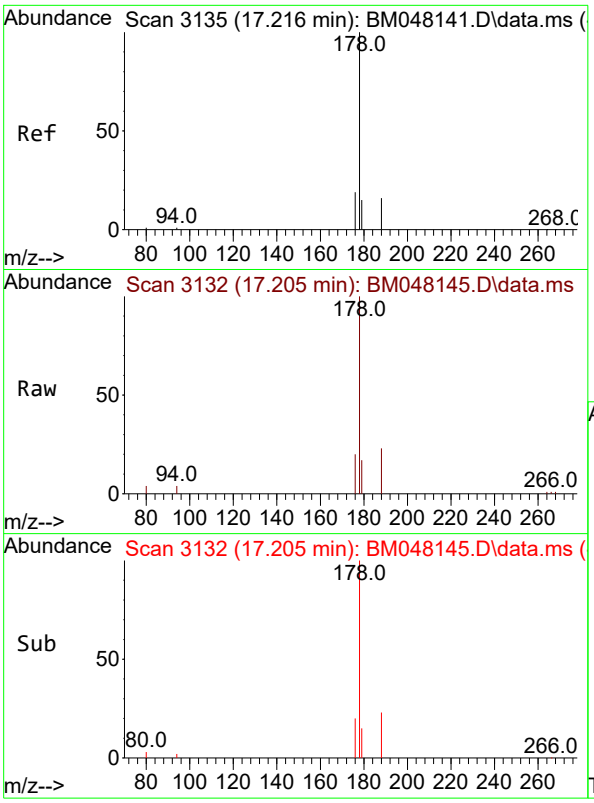


#14
Pentachlorophenol
Concen: 0.386 ng/ul
RT: 16.837 min Scan# 3045
Delta R.T. -0.003 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Tgt Ion:266 Resp: 2435

Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.2	75.2
268	62.2	51.8	77.6





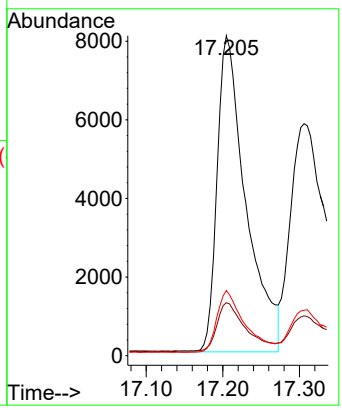
#15
Phenanthrene
Concen: 0.443 ng/ul
RT: 17.205 min Scan# 3

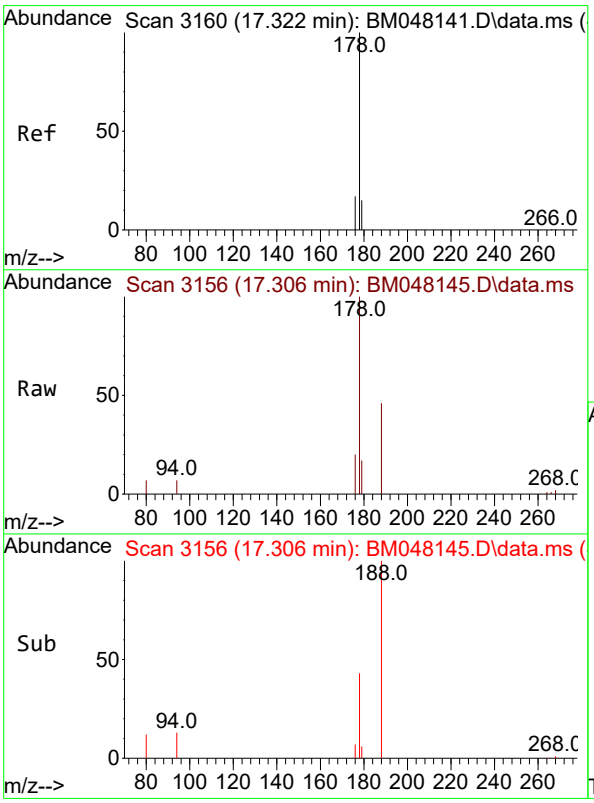
Instrument :
BNA_M
ClientSampleId :
SICV028

Delta R.T. -0.011 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Tgt Ion:178 Resp: 21031

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.2	19.8
176	20.4	16.0	24.0

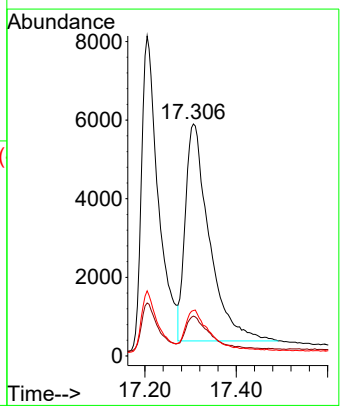


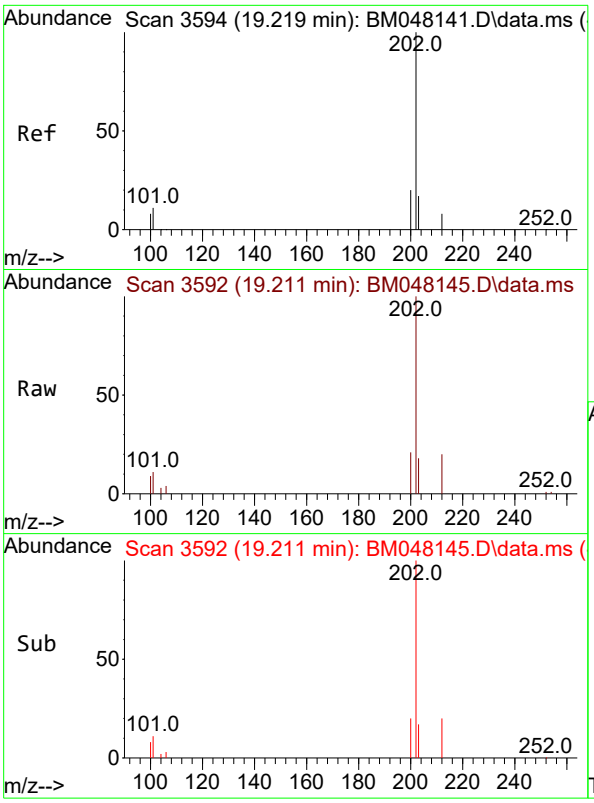


#16
Anthracene
Concen: 0.450 ng/ul
RT: 17.306 min Scan# 3156
Delta R.T. -0.016 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Tgt Ion:178 Resp: 20189

Ion	Ratio	Lower	Upper
178	100		
179	17.2	14.5	21.7
176	19.6	16.0	24.0



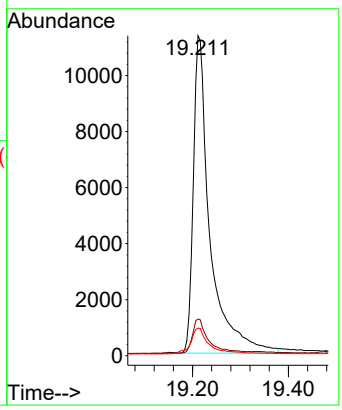


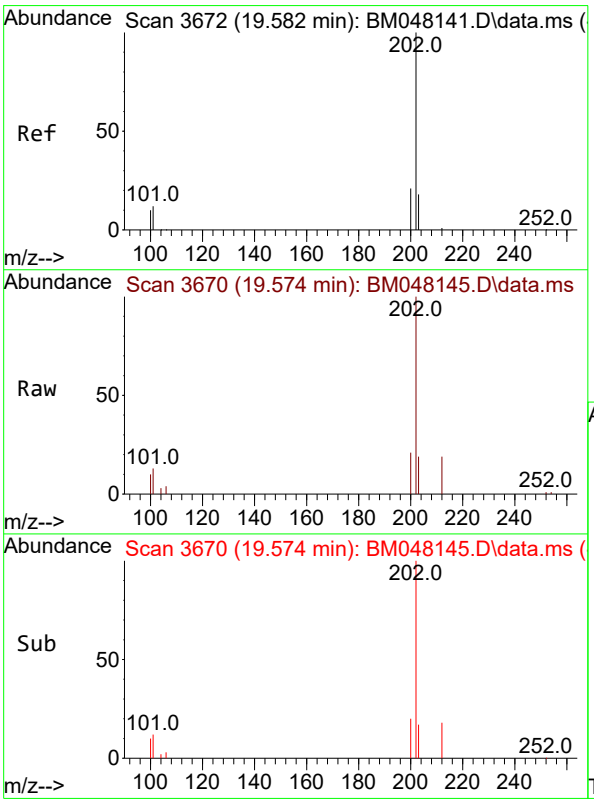
#19
Fluoranthene
Concen: 0.396 ng/ul
RT: 19.211 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion:202 Resp: 27373

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.3	13.9
100	8.6	7.1	10.7

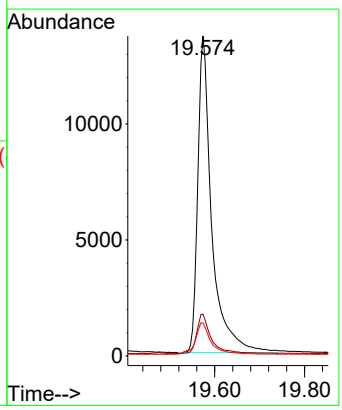


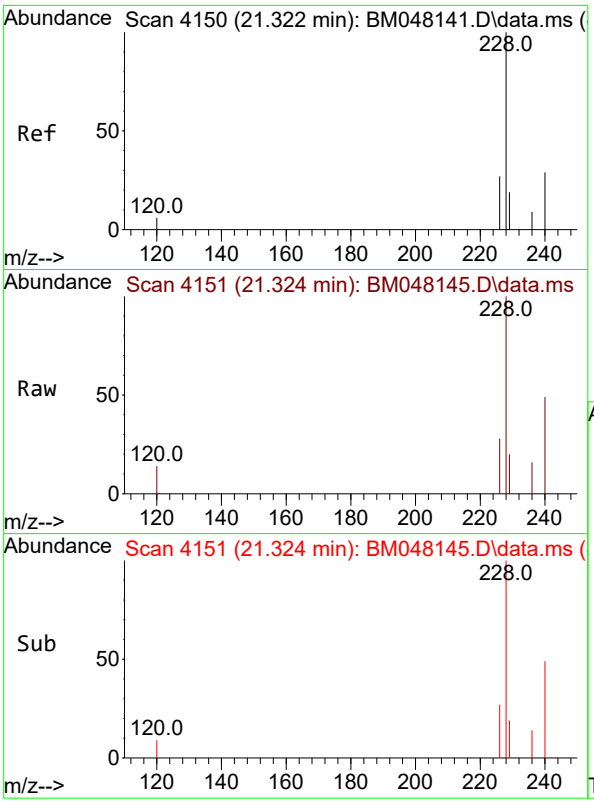


#20
Pyrene
Concen: 0.399 ng/ul
RT: 19.574 min Scan# 3670
Delta R.T. -0.008 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Tgt Ion:202 Resp: 29618

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.6	16.0
100	10.3	8.1	12.1



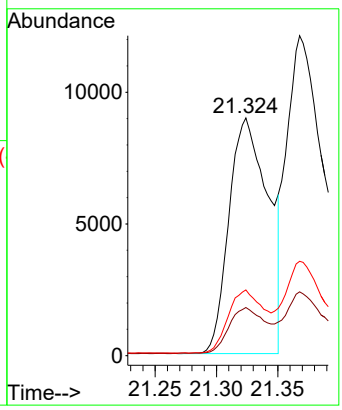


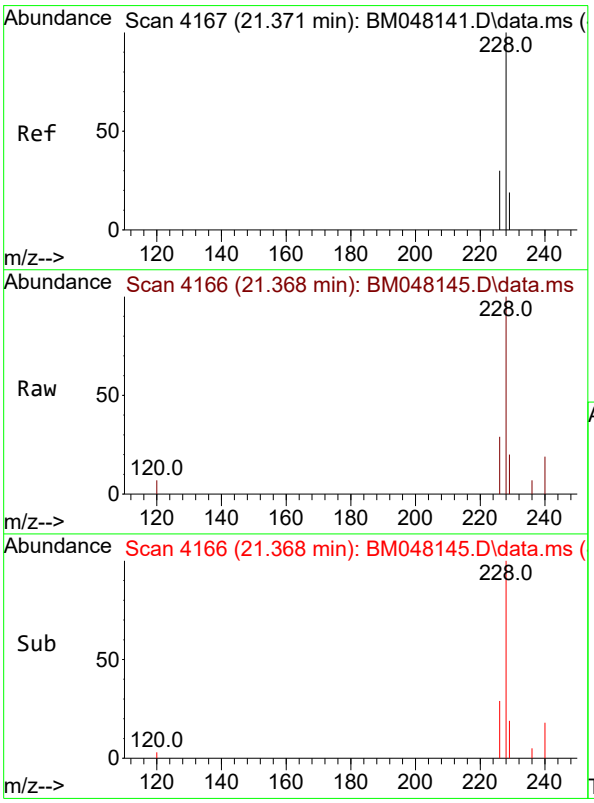
#21
Benzo(a)anthracene
Concen: 0.368 ng/ul
RT: 21.324 min Scan# 4
Delta R.T. 0.002 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion:228 Resp: 19934

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.4	24.6
226	27.7	22.5	33.7

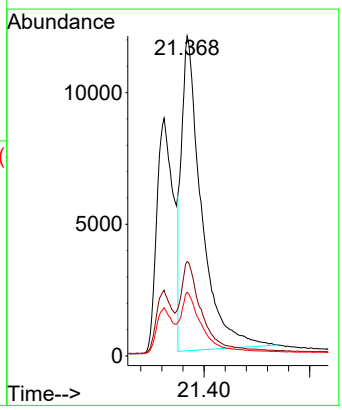


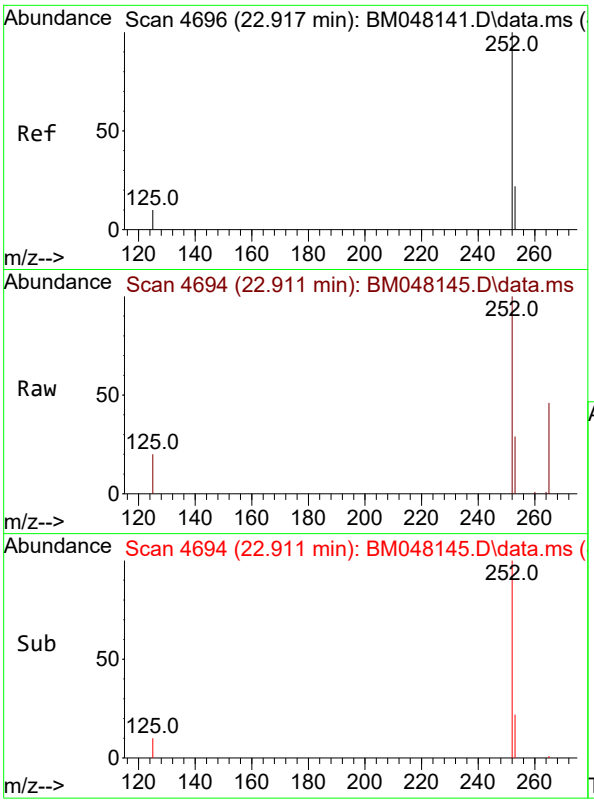


#22
Chrysene
Concen: 0.380 ng/ul
RT: 21.368 min Scan# 4166
Delta R.T. -0.003 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Tgt Ion:228 Resp: 31325

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	20.0	16.1	24.1



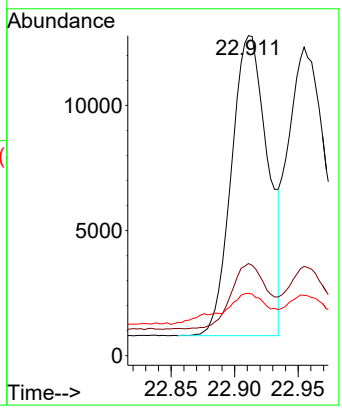


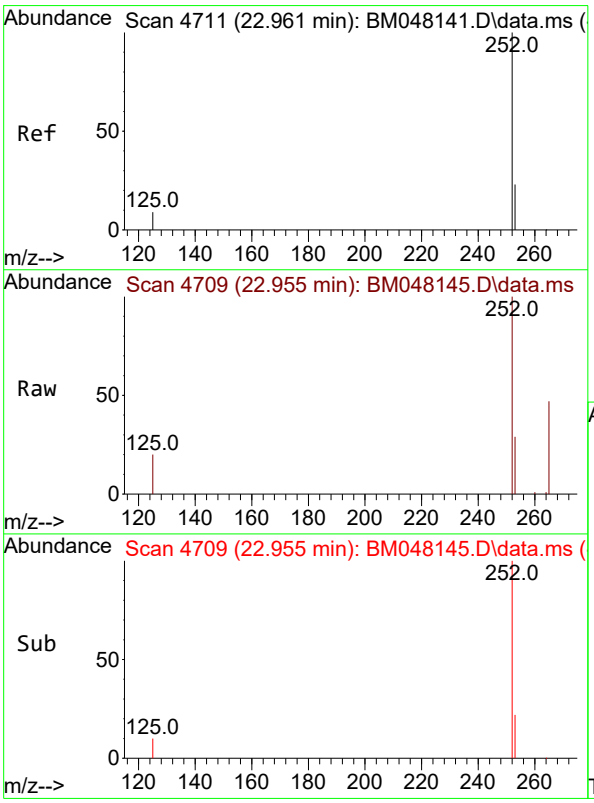
#24
Benzo(b)fluoranthene
Concen: 0.356 ng/ul
RT: 22.911 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion:252 Resp: 23759

Ion	Ratio	Lower	Upper
252	100		
253	28.8	0.0	61.6
125	19.5	0.0	42.8

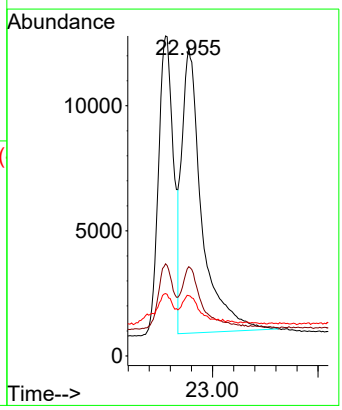


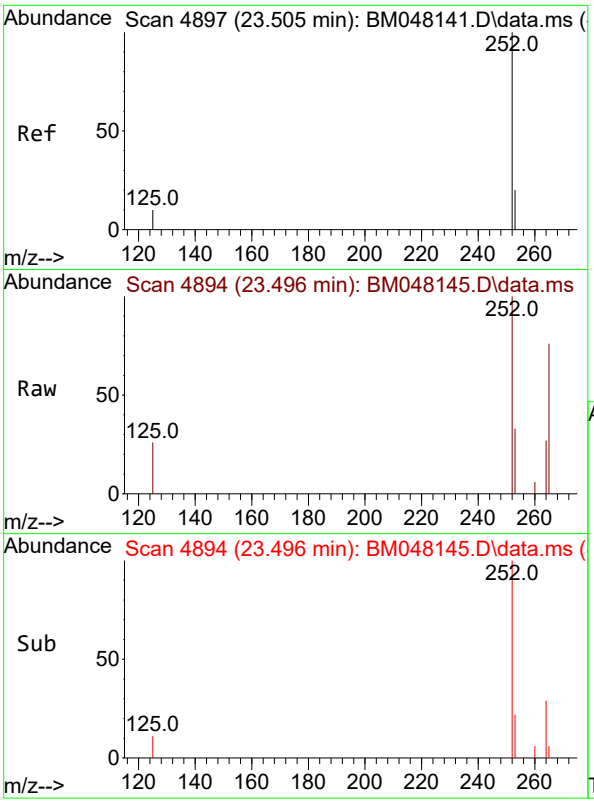


#25
Benzo(k)fluoranthene
Concen: 0.372 ng/ul
RT: 22.955 min Scan# 4709
Delta R.T. -0.006 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Tgt Ion:252 Resp: 30000

Ion	Ratio	Lower	Upper
252	100		
253	29.0	24.4	36.6
125	19.5	16.8	25.2



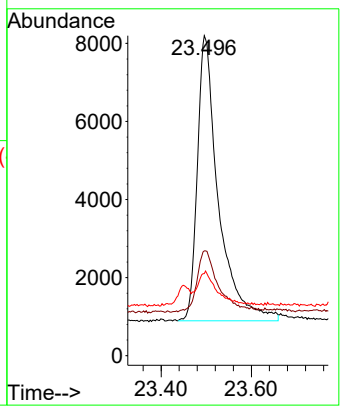


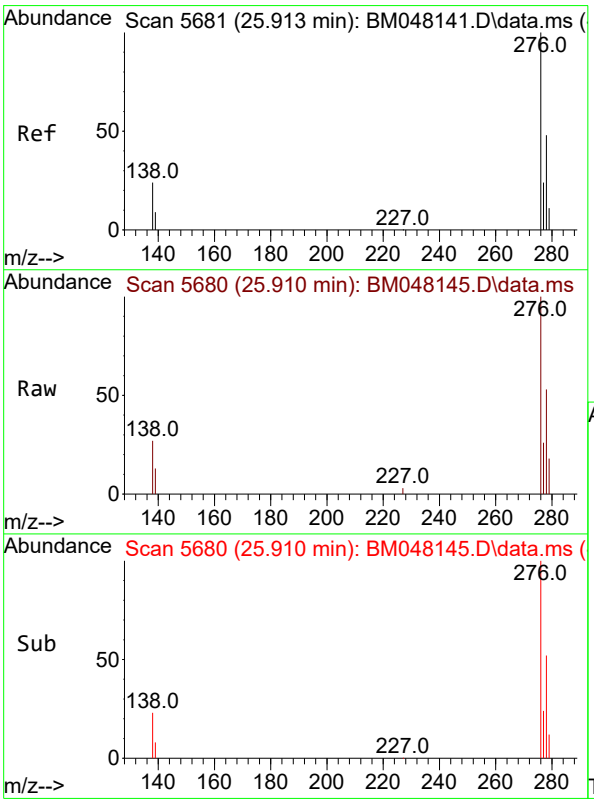
#26
Benzo(a)pyrene
Concen: 0.426 ng/ul
RT: 23.496 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion:252 Resp: 23640

Ion	Ratio	Lower	Upper
252	100		
253	32.8	29.0	43.4
125	25.7	24.4	36.6

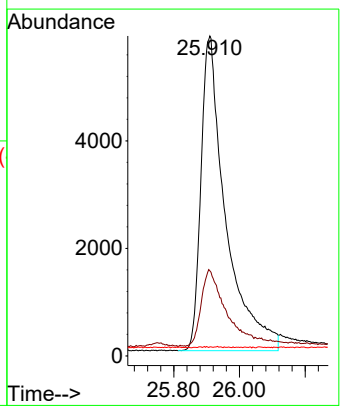


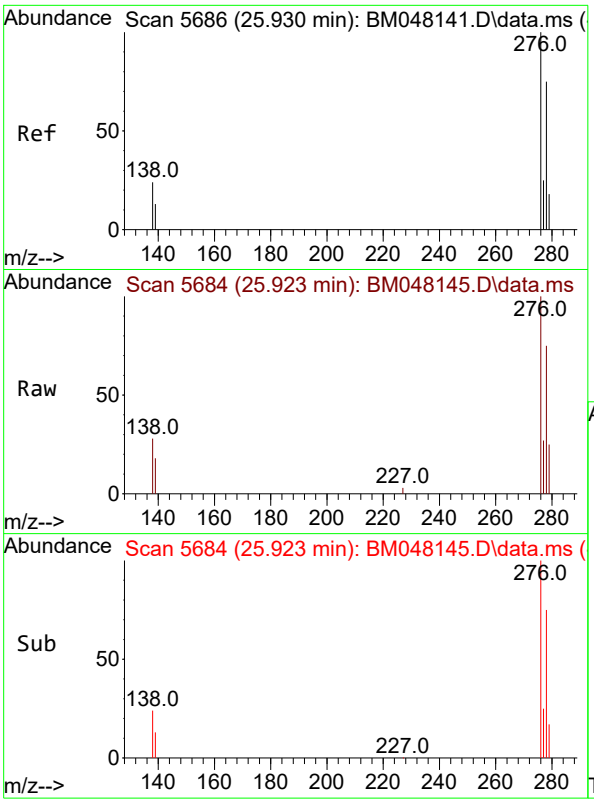


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng/ul
RT: 25.910 min Scan# 5680
Delta R.T. -0.004 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Tgt Ion:276 Resp: 30560

Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.2	30.2
227	0.0	0.0	0.0#



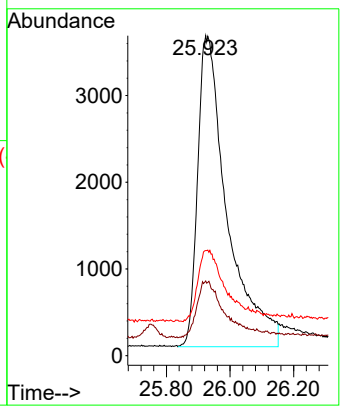


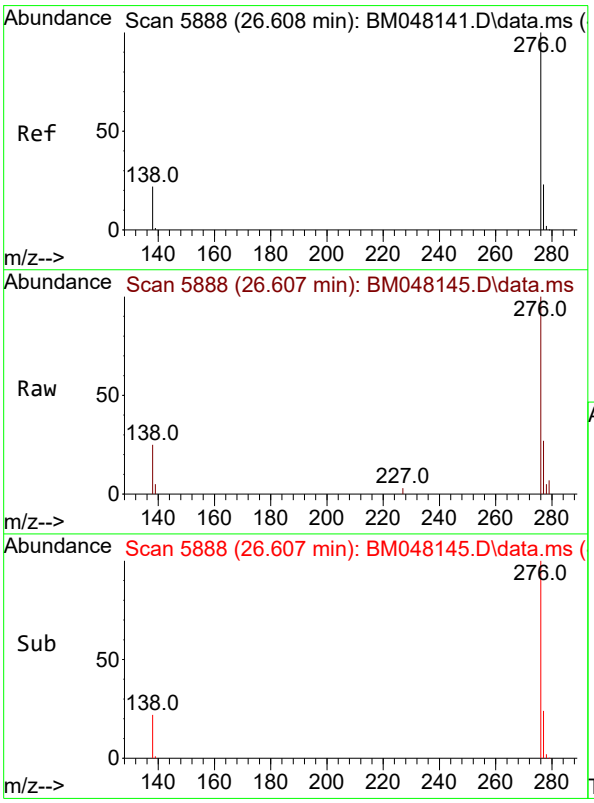
#28
Dibenzo(a,h)anthracene
Concen: 0.363 ng/ul
RT: 25.923 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion:278 Resp: 23088

Ion	Ratio	Lower	Upper
278	100		
139	23.4	18.9	28.3
279	32.9	27.6	41.4





#29
Benzo(g,h,i)perylene
Concen: 0.373 ng/ul
RT: 26.607 min Scan# 5888
Delta R.T. -0.000 min
Lab File: BM048145.D
Acq: 18 Oct 2024 20:57

Tgt Ion:276 Resp: 25957

Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.3	30.5
277	26.5	20.4	30.6