Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052824\
Data File : BM045773.D
Acq On : 28 May 2024 22:51
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV007

Quant Time: May 29 00:08:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM052824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 00:02:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	7343	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	22027	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.127	164	11331	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.871	188	22451	0.400	ng/ul	0.00
17) Chrysene-d12	21.061	240	15015	0.400	ng/ul	0.00
23) Perylene-d12	23.177	264	15393	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	3489	0.368	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	10928	0.359	ng/ul	0.00
18) Fluoranthene-d10	18.900	212	18214	0.352	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.101	88	3088	0.337	ng/ul	97
5) Naphthalene	10.304	128	21126	0.368	ng/ul	100
7) 2-Methylnaphthalene	11.926	142	13312	0.372	ng/ul	99
8) 1-Methylnaphthalene	12.152	142	12376	0.328	ng/ul	99
10) Acenaphthylene	13.850	152	19152	0.366	ng/ul	99
11) Acenaphthene	14.192	153	13306	0.351	ng/ul	99
12) Fluorene	15.182	166	15203	0.361	ng/ul	100
14) Pentachlorophenol	16.571	266	226	0.195	ng/ul	91
15) Phenanthrene	16.913	178	22556	0.356	ng/ul	100
16) Anthracene	17.002	178	21332	0.364	ng/ul	99
19) Fluoranthene	18.933	202	24632	0.354	ng/ul	100
20) Pyrene	19.295	202	25723	0.359	ng/ul	99
21) Benzo(a)anthracene	21.044	228	20538	0.354	ng/ul	99
22) Chrysene	21.096	228	22110	0.369	ng/ul	98
24) Benzo(b)fluoranthene	22.548	252	21374	0.379	ng/ul	95
25) Benzo(k)fluoranthene	22.589	252	22832	0.407	ng/ul	98
26) Benzo(a)pyrene	23.083	252	18743	0.393	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.249	276	24342	0.458	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.266	278	18082	0.465	ng/ul	93
29) Benzo(g,h,i)perylene	25.883	276	21192	0.401	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052824\
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Acq On : 28 May 2024 22:51
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Sample : SSTDICV0.4
Misc :
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Instrument :
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Quant Time: May 29 00:08:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM052824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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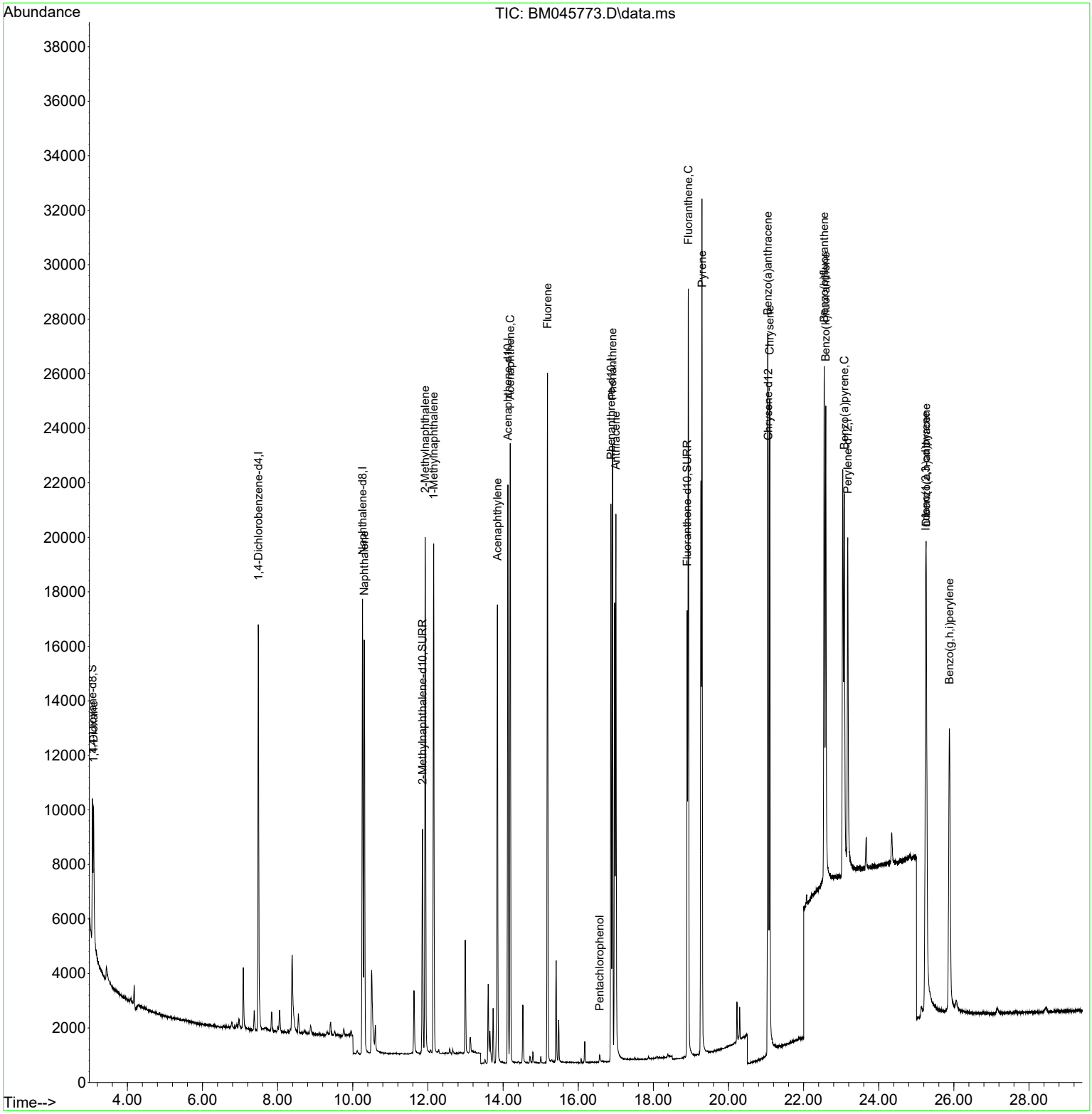
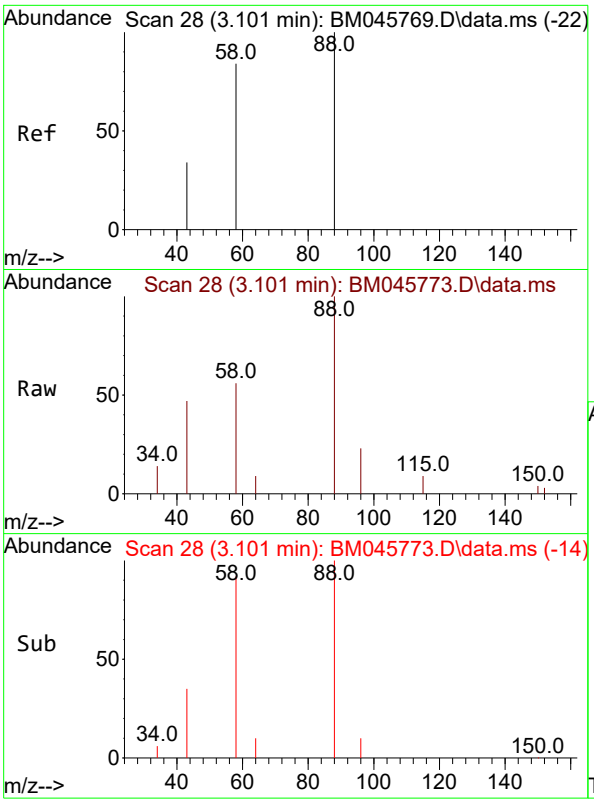
Response via : Initial Calibration



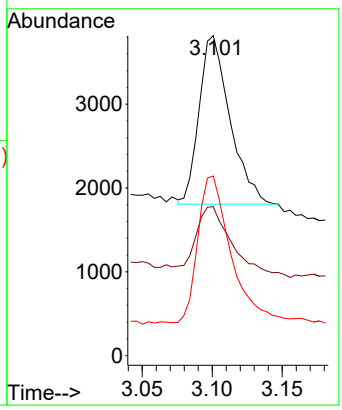


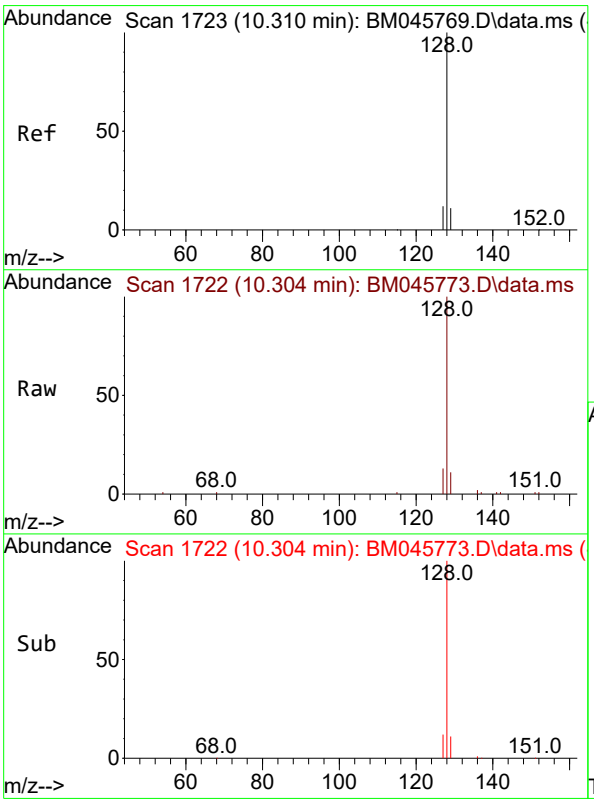
#2
1,4-Dioxane
Concen: 0.337 ng/ul
RT: 3.101 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Instrument :
BNA_M
ClientSampleId :
SICV007

Tgt Ion: 88 Resp: 3088

Ion	Ratio	Lower	Upper
88	100		
43	46.6	38.4	57.6
58	56.1	47.0	70.6

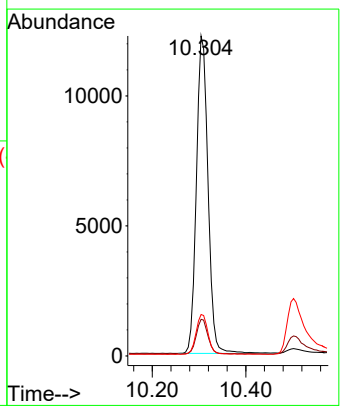


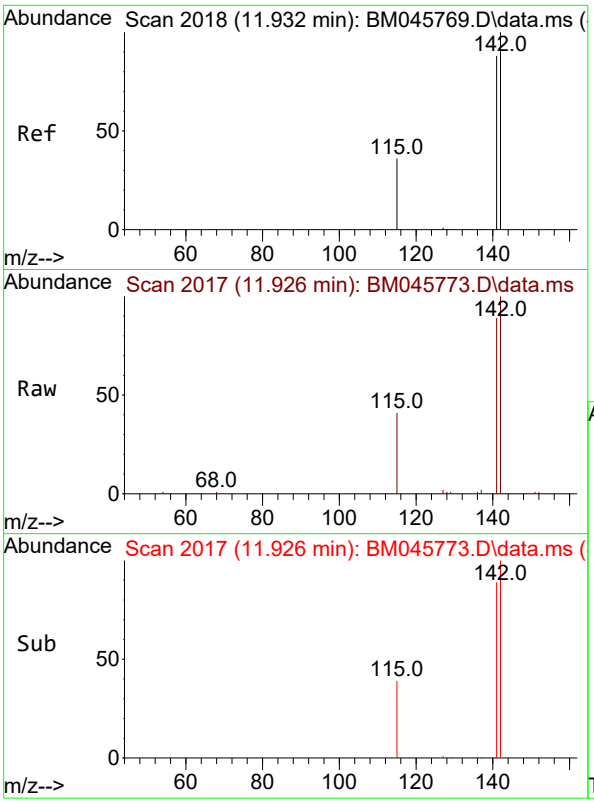


#5
Naphthalene
Concen: 0.368 ng/ul
RT: 10.304 min Scan# 1722
Delta R.T. -0.005 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Tgt Ion:128 Resp: 21126

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	12.9	10.3	15.5



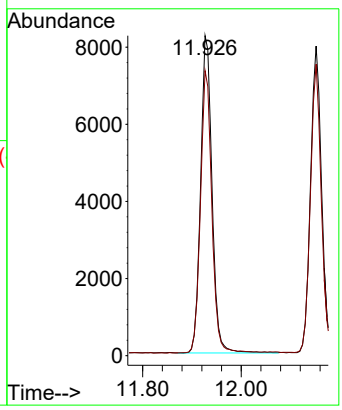


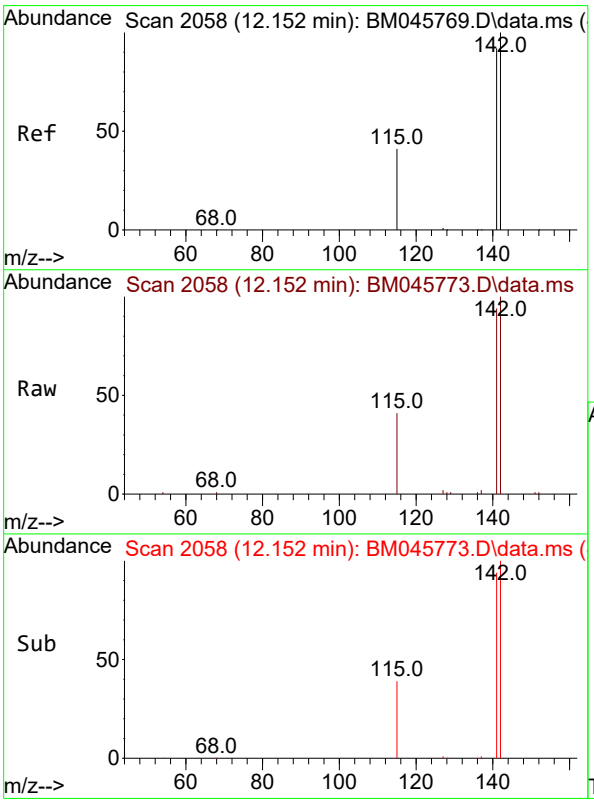
#7
2-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 11.926 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Instrument :
BNA_M
ClientSampleId :
SICV007

Tgt Ion:142 Resp: 13312

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.9	107.9

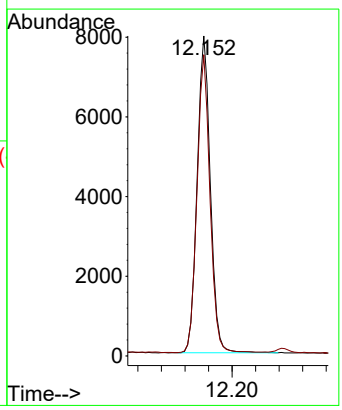


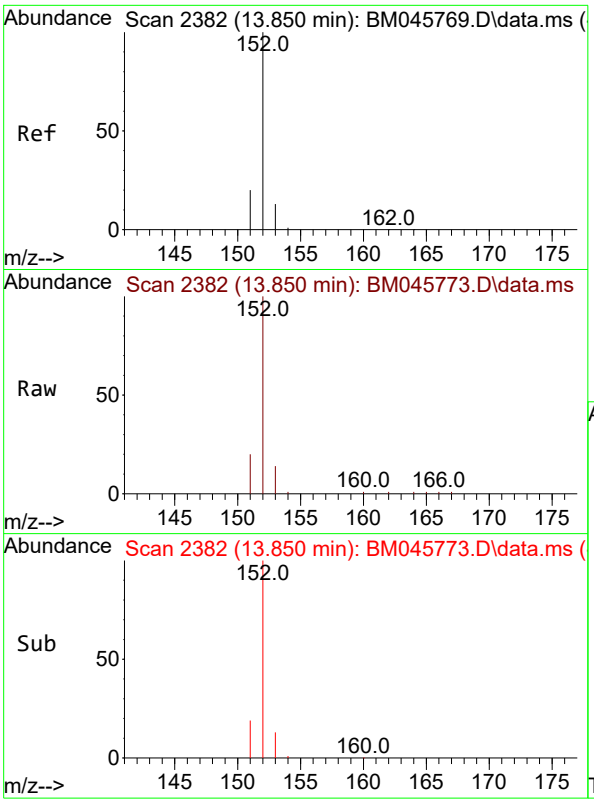


#8
1-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.152 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Tgt Ion:142 Resp: 12376

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.3	109.9



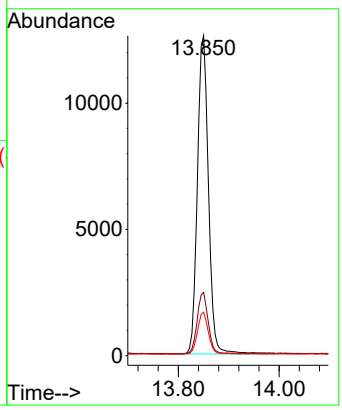


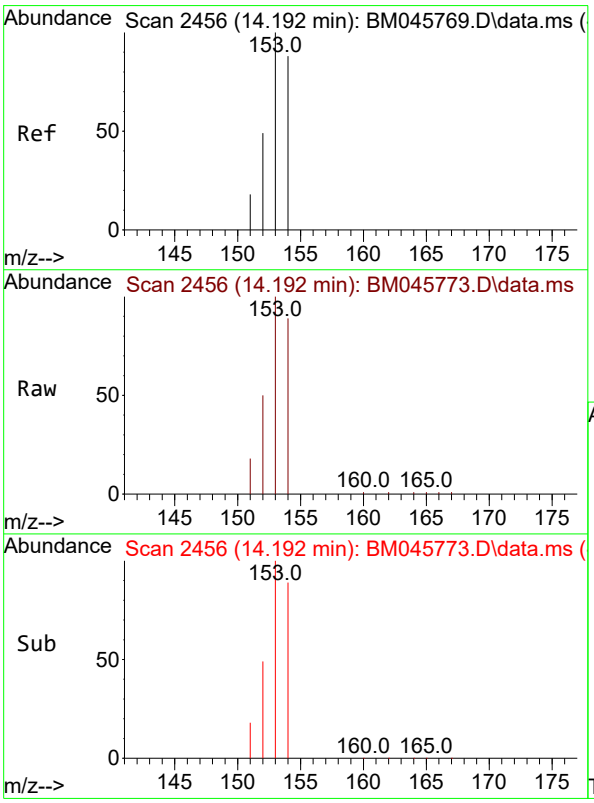
#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 13.850 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Instrument :
BNA_M
ClientSampleId :
SICV007

Tgt Ion:152 Resp: 19152

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	13.6	10.8	16.2

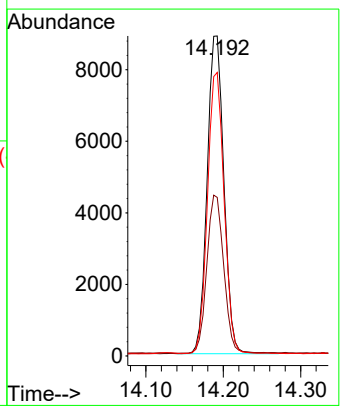


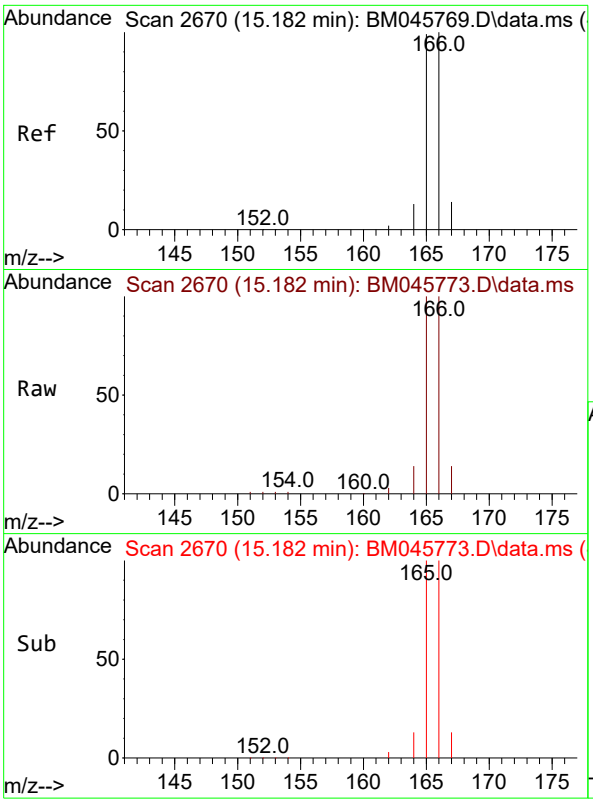


#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.192 min Scan# 2456
Delta R.T. 0.000 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Tgt Ion:153 Resp: 13306

Ion	Ratio	Lower	Upper
153	100		
152	49.6	39.7	59.5
154	88.6	70.2	105.4



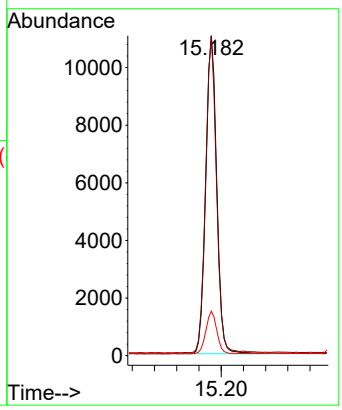


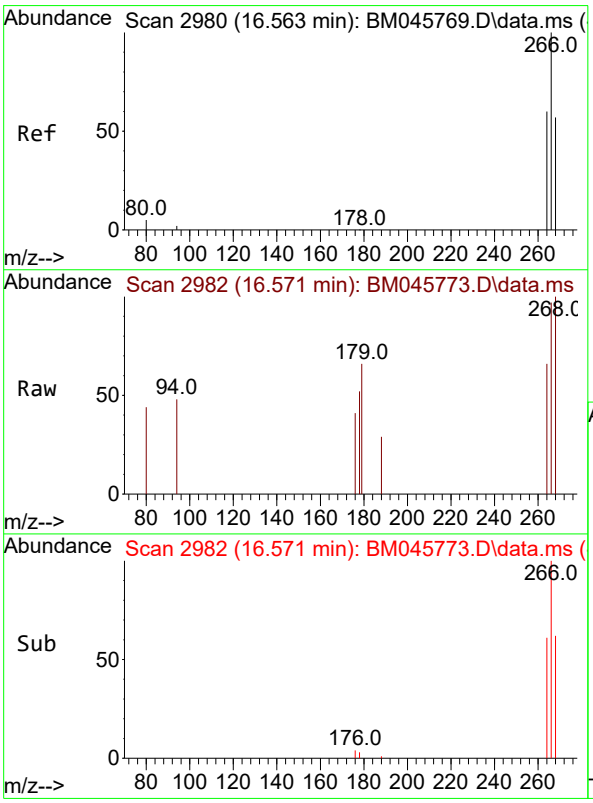
#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.182 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Instrument :
BNA_M
ClientSampleId :
SICV007

Tgt Ion:166 Resp: 15203

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.5	119.3
167	13.9	11.2	16.8

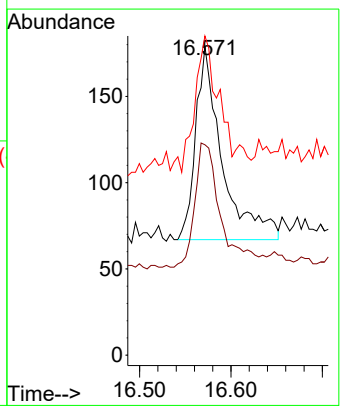


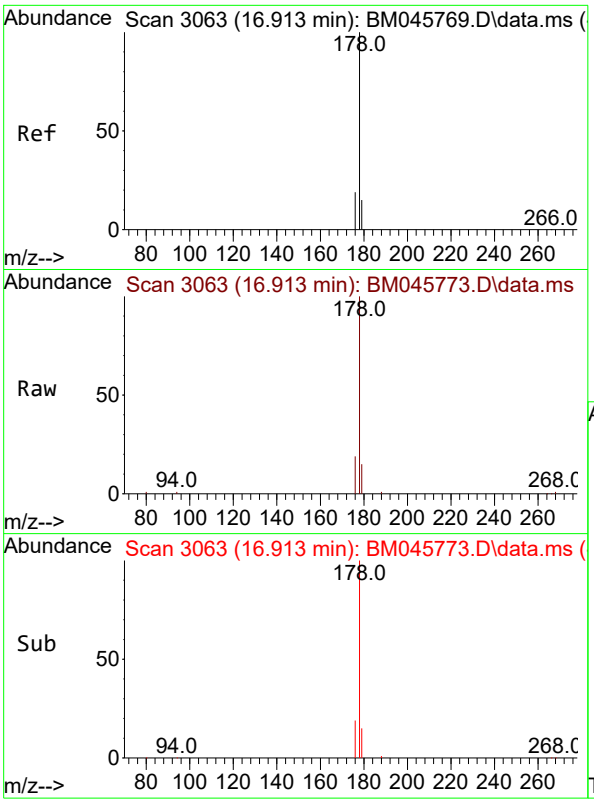


#14
Pentachlorophenol
Concen: 0.195 ng/ul
RT: 16.571 min Scan# 2982
Delta R.T. 0.008 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Tgt Ion:266 Resp: 226

Ion	Ratio	Lower	Upper
266	100		
264	68.6	48.1	72.1
268	57.5	50.2	75.2



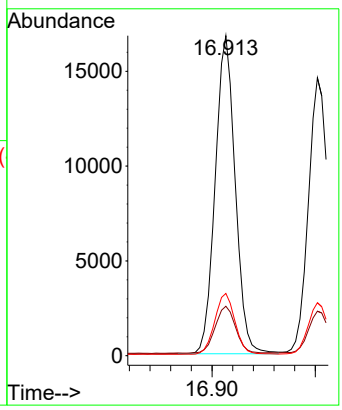


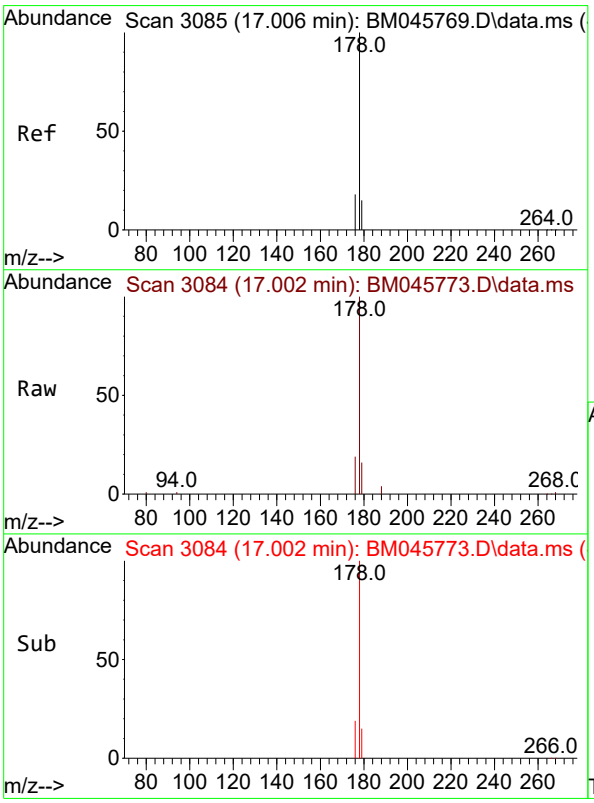
#15
Phenanthrene
Concen: 0.356 ng/ul
RT: 16.913 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Instrument :
BNA_M
ClientSampleId :
SICV007

Tgt Ion:178 Resp: 22556

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.4	15.6	23.4

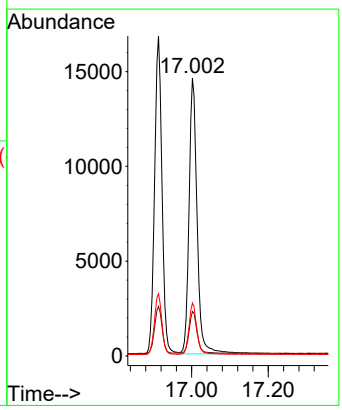


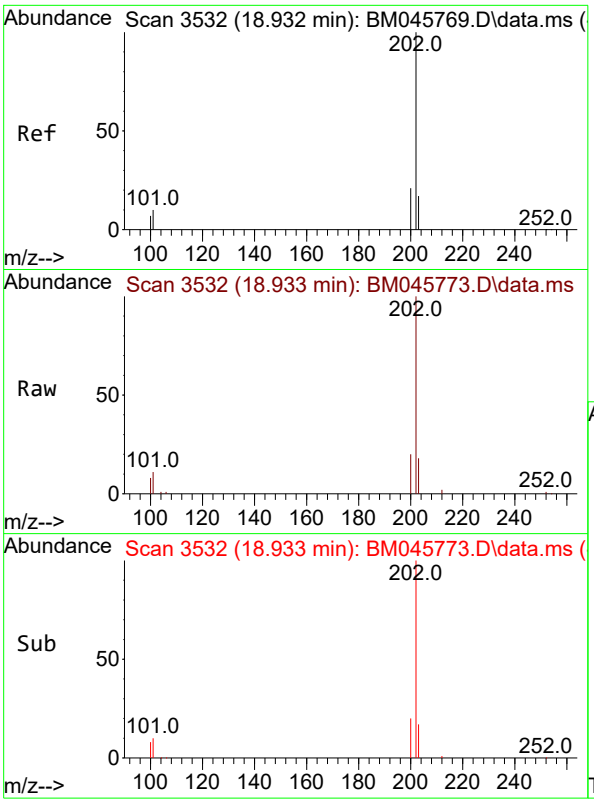


#16
Anthracene
Concen: 0.364 ng/ul
RT: 17.002 min Scan# 3084
Delta R.T. -0.004 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Tgt Ion:178 Resp: 21332

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	19.1	14.7	22.1



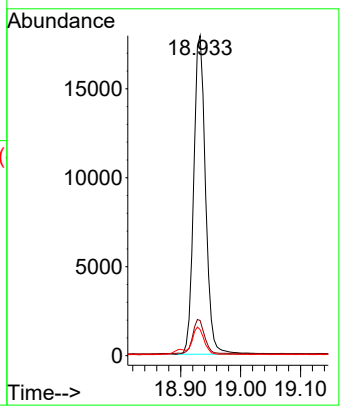


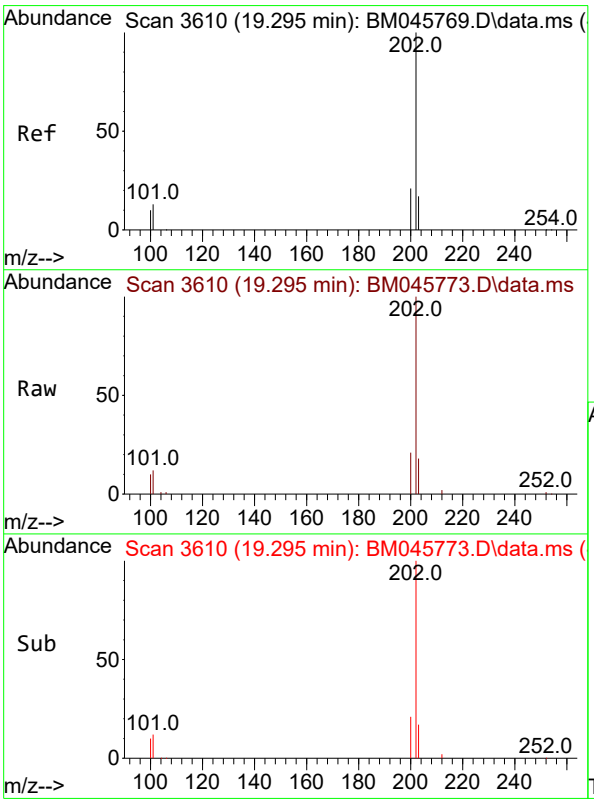
#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 18.933 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Instrument :
BNA_M
ClientSampleId :
SICV007

Tgt Ion:202 Resp: 24632

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.9	13.3
100	8.1	6.7	10.1

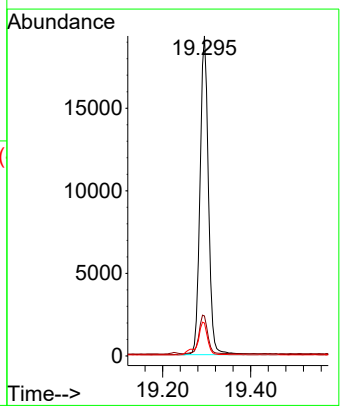


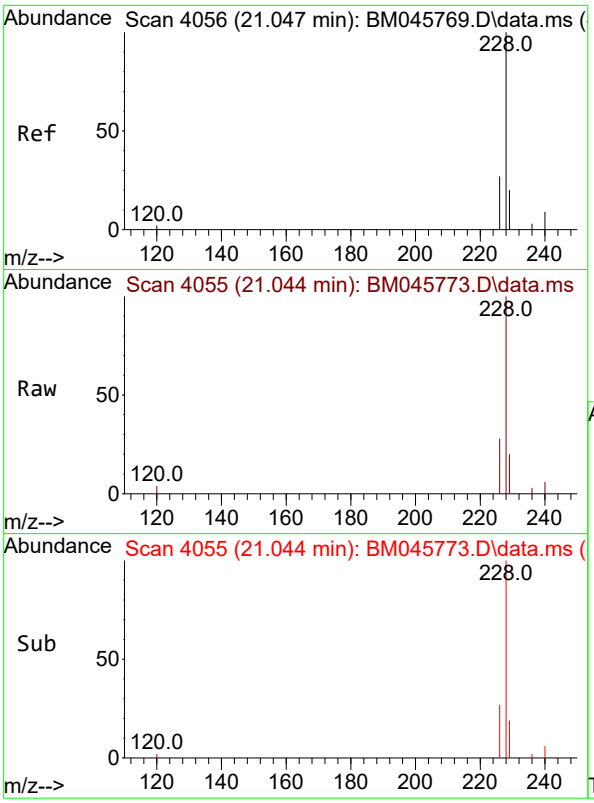


#20
Pyrene
Concen: 0.359 ng/ul
RT: 19.295 min Scan# 3610
Delta R.T. 0.000 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Tgt Ion:202 Resp: 25723

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.5	15.7
100	10.3	8.6	12.8



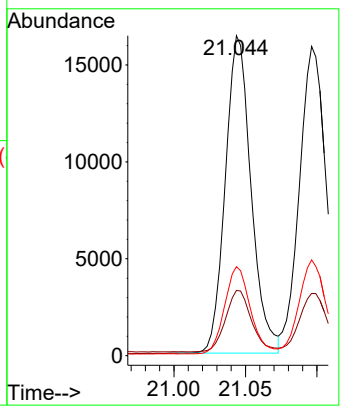


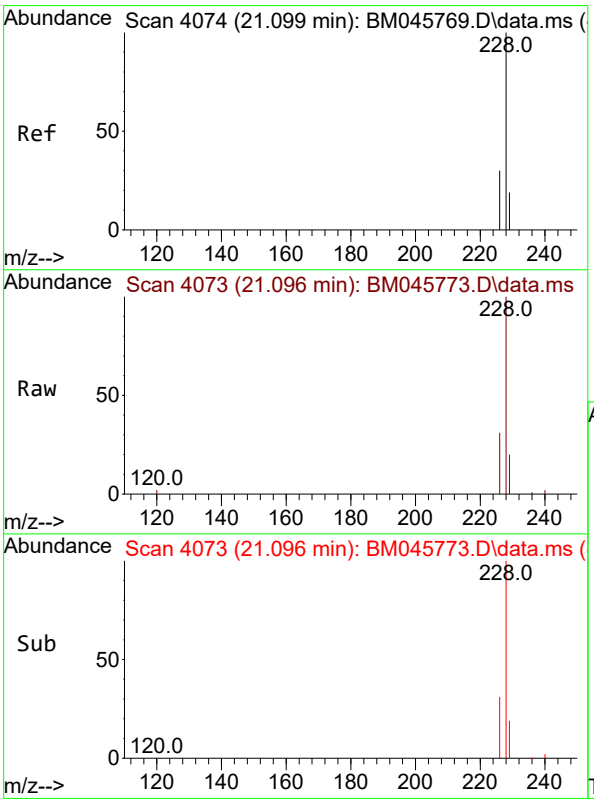
#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.044 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Instrument :
BNA_M
ClientSampleId :
SICV007

Tgt Ion:228 Resp: 20538

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.6	25.0
226	27.8	21.8	32.6

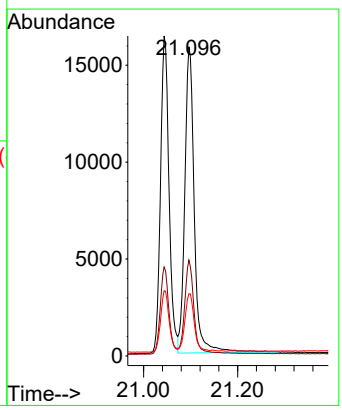


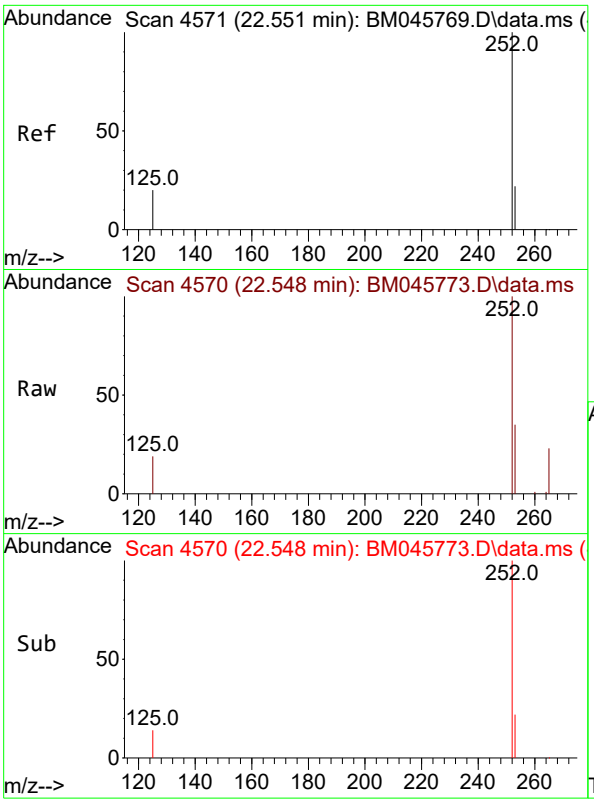


#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.096 min Scan# 4073
Delta R.T. -0.003 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Tgt Ion:228 Resp: 22110

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.8
229	20.1	16.3	24.5



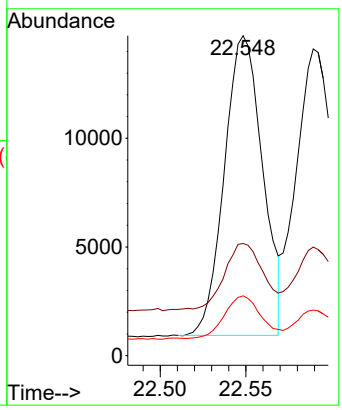


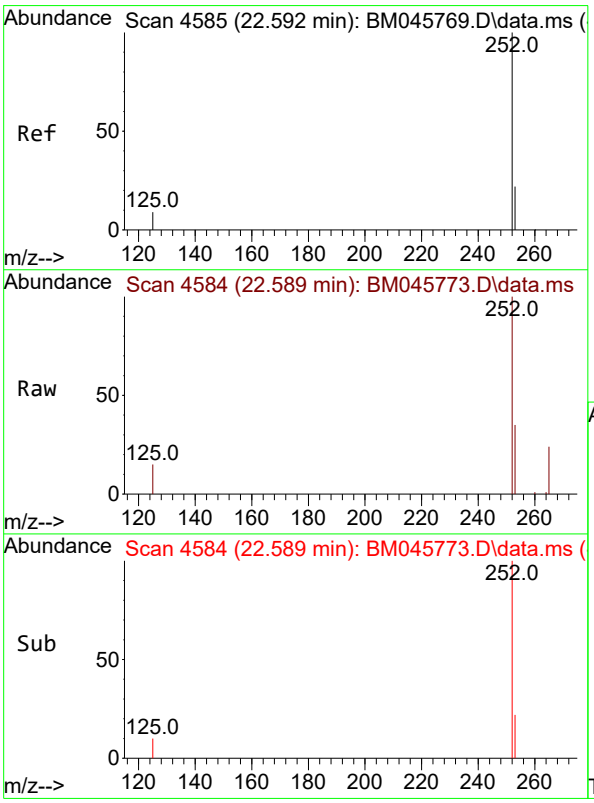
#24
Benzo(b)fluoranthene
Concen: 0.379 ng/ul
RT: 22.548 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Instrument :
BNA_M
ClientSampleId :
SICV007

Tgt Ion:252 Resp: 21374

Ion	Ratio	Lower	Upper
252	100		
253	35.1	0.0	71.4
125	18.7	0.0	49.2

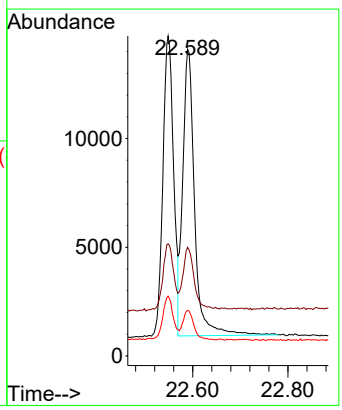


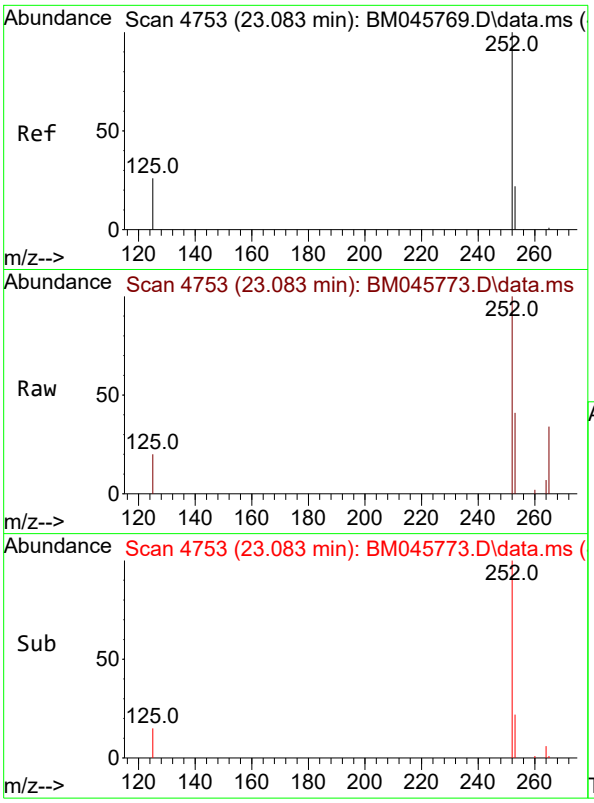


#25
Benzo(k)fluoranthene
Concen: 0.407 ng/ul
RT: 22.589 min Scan# 4584
Delta R.T. -0.003 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Tgt Ion:252 Resp: 22832

Ion	Ratio	Lower	Upper
252	100		
253	35.4	29.4	44.0
125	14.9	12.6	18.8



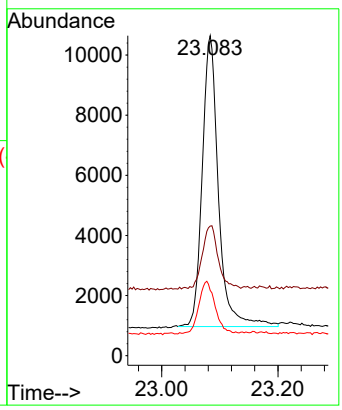


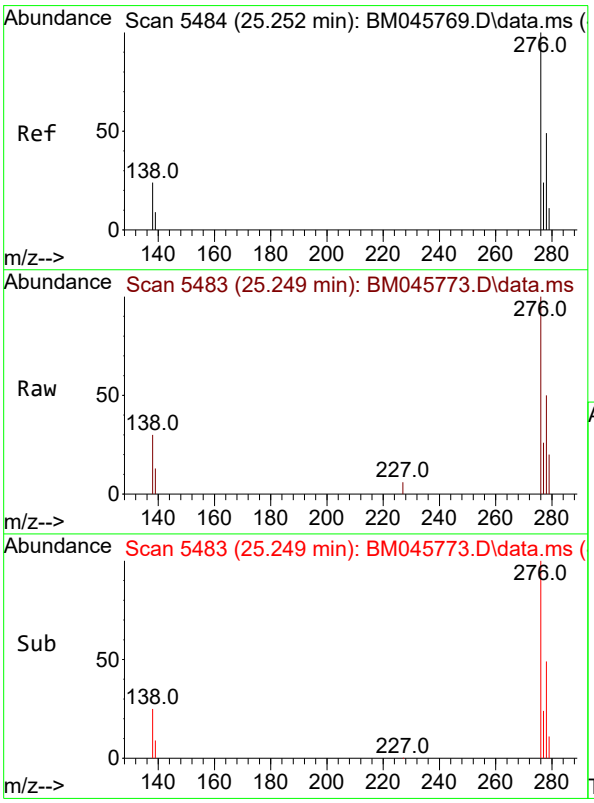
#26
Benzo(a)pyrene
Concen: 0.393 ng/ul
RT: 23.083 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Instrument :
BNA_M
ClientSampleId :
SICV007

Tgt Ion:252 Resp: 18743

Ion	Ratio	Lower	Upper
252	100		
253	40.5	34.3	51.5
125	20.4	25.7	38.5#

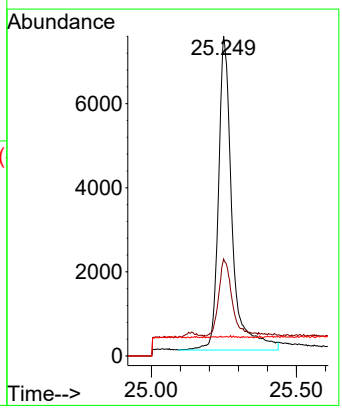


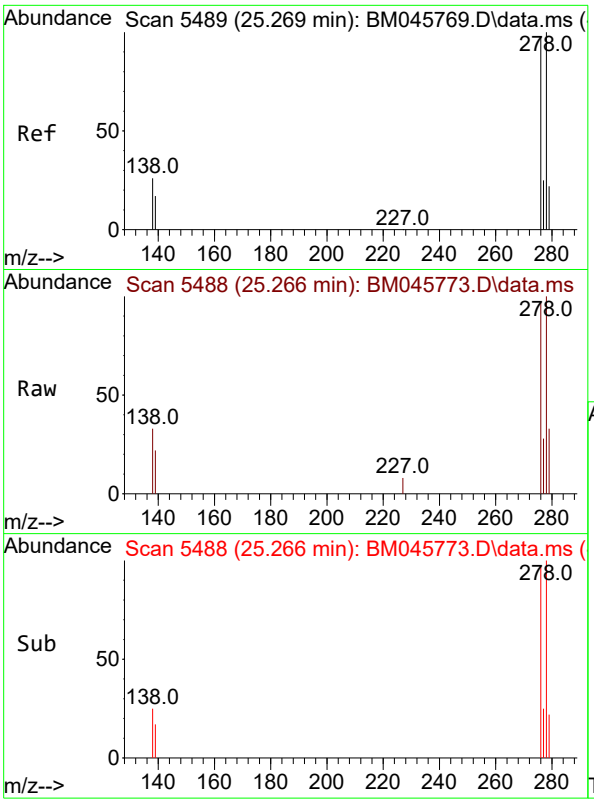


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.458 ng/ul
RT: 25.249 min Scan# 5483
Delta R.T. -0.003 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Tgt Ion:276 Resp: 24342

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.8	29.8
227	0.0	0.1	0.1#



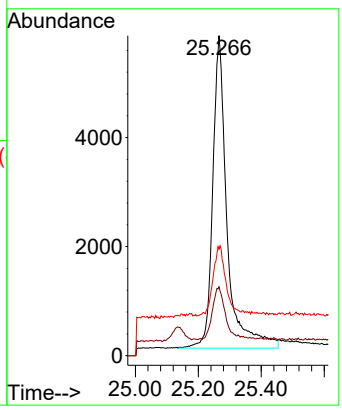


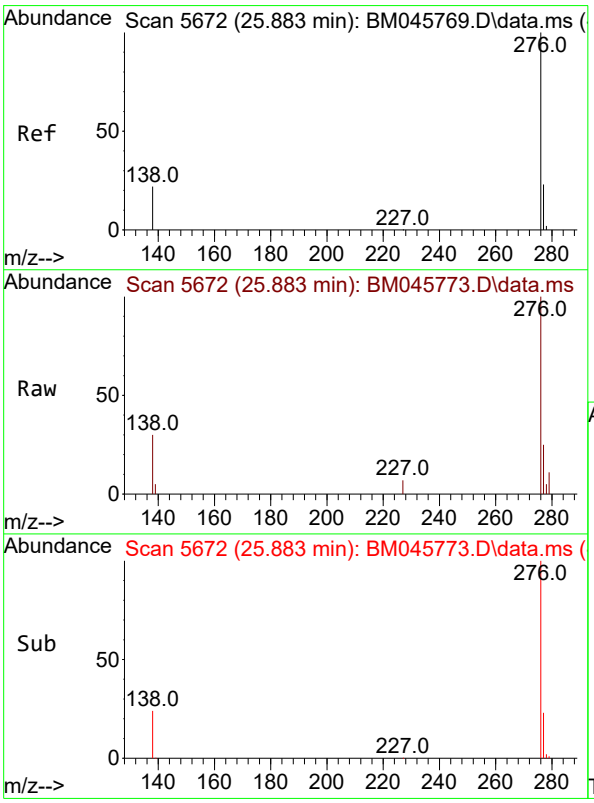
#28
Dibenzo(a,h)anthracene
Concen: 0.465 ng/ul
RT: 25.266 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Instrument :
BNA_M
ClientSampleId :
SICV007

Tgt Ion:278 Resp: 18082

Ion	Ratio	Lower	Upper
278	100		
139	21.6	18.7	28.1
279	33.3	31.0	46.6





#29
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 25.883 min Scan# 5672
Delta R.T. 0.000 min
Lab File: BM045773.D
Acq: 28 May 2024 22:51

Tgt Ion:276 Resp: 21192

Ion	Ratio	Lower	Upper
276	100		
138	29.6	23.4	35.0
277	25.4	21.0	31.4