Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045473.D
Acq On : 22 Apr 2024 10:44
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

Quant Time: Apr 23 01:45:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 02:01:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	675	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.363	136	2338	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.220	164	1281	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.002	188	2402	0.400	ng/ul	0.00
17) Chrysene-d12	21.213	240	1267	0.400	ng/ul	0.00
23) Perylene-d12	23.410	264	1766	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	478	0.528	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.975	152	1298	0.421	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	1808	0.453	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.209	88	430	0.494	ng/ul#	86
5) Naphthalene	10.418	128	2541	0.405	ng/ul	99
7) 2-Methylnaphthalene	12.052	142	1561	0.435	ng/ul	99
8) 1-Methylnaphthalene	12.250	142	1647	0.410	ng/ul	98
10) Acenaphthylene	13.947	152	2561	0.405	ng/ul	98
11) Acenaphthene	14.289	153	1918	0.409	ng/ul	99
12) Fluorene	15.307	166	2042	0.407	ng/ul	98
14) Pentachlorophenol	16.681	266	141	0.294	ng/ul#	89
15) Phenanthrene	17.048	178	2806	0.401	ng/ul	99
16) Anthracene	17.162	178	2666	0.407	ng/ul	99
19) Fluoranthene	19.072	202	2706	0.463	ng/ul	99
20) Pyrene	19.439	202	2761	0.459	ng/ul	97
21) Benzo(a)anthracene	21.210	228	1682	0.415	ng/ul	98
22) Chrysene	21.251	228	2603	0.418	ng/ul	98
24) Benzo(b)fluoranthene	22.756	252	2440	0.411	ng/ul	97
25) Benzo(k)fluoranthene	22.799	252	2917	0.389	ng/ul	96
26) Benzo(a)pyrene	23.334	252	2529	0.410	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.621	276	3604	0.402	ng/ul	96
28) Dibenzo(a,h)anthracene	25.648	278	2800	0.394	ng/ul	94
29) Benzo(g,h,i)perylene	26.278	276	3335	0.414	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045473.D
Acq On : 22 Apr 2024 10:44
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
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Instrument :
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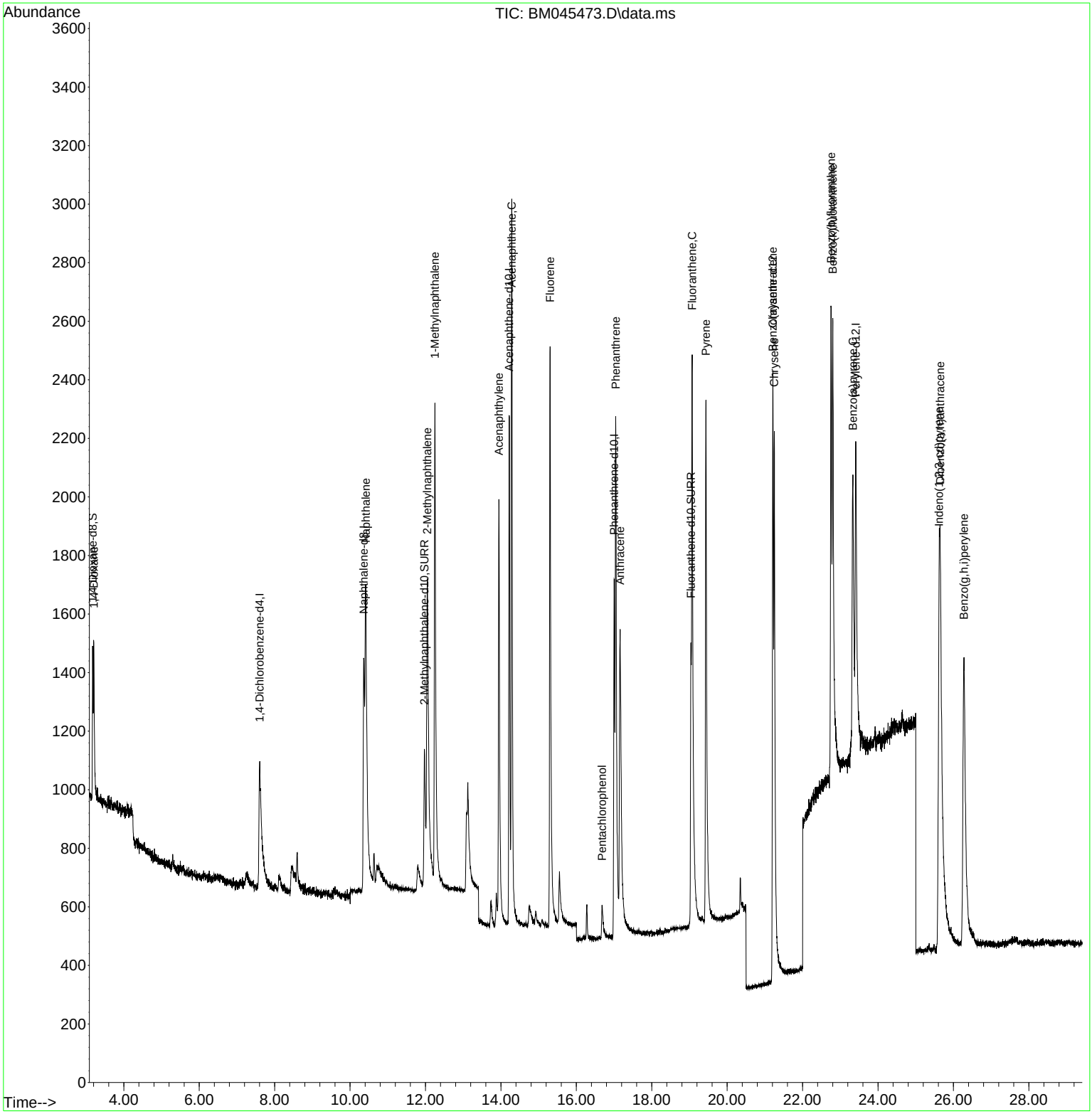
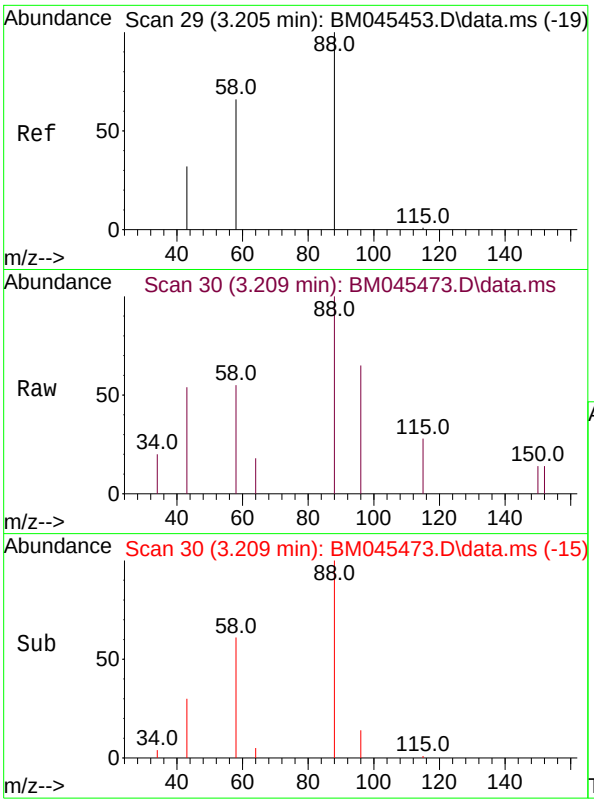
SSTD0.4086

Quant Time: Apr 23 01:45:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 02:01:19 2024
Response via : Initial Calibration



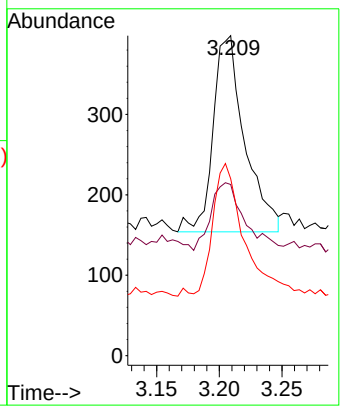


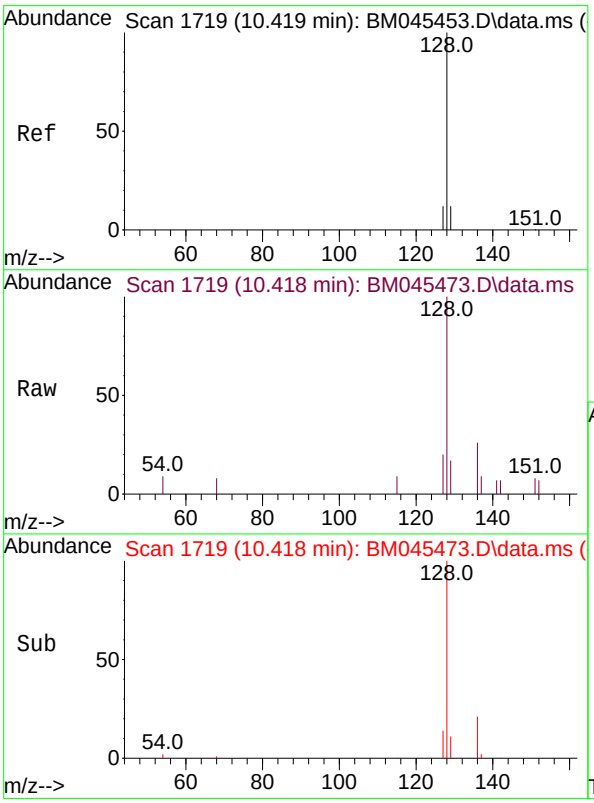
#2
1,4-Dioxane
Concen: 0.494 ng/ul
RT: 3.209 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

Tgt Ion: 88 Resp: 430

Ion	Ratio	Lower	Upper
88	100		
43	53.5	36.8	55.2
58	55.3	35.4	53.2#

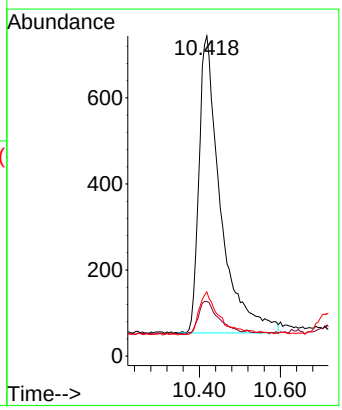


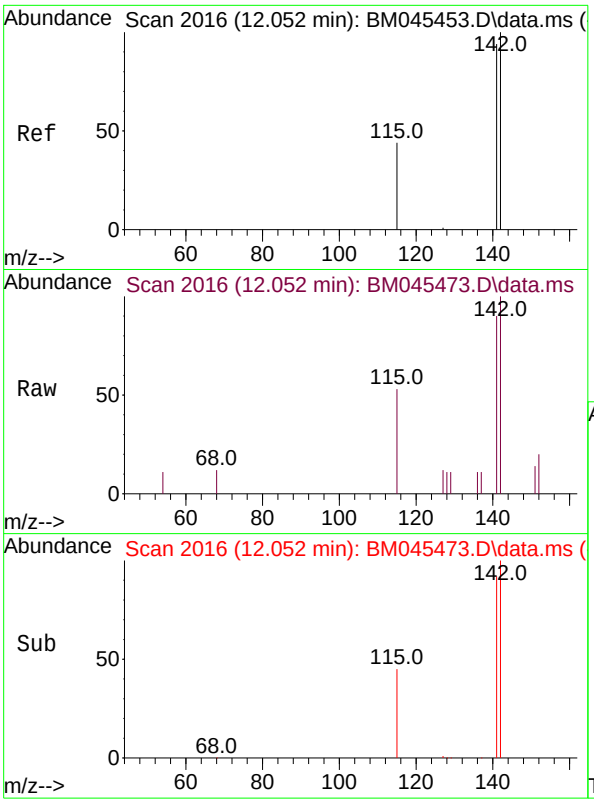


#5
Naphthalene
Concen: 0.405 ng/ul
RT: 10.418 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Tgt Ion:128 Resp: 2541

Ion	Ratio	Lower	Upper
128	100		
129	17.1	14.0	21.0
127	20.0	15.4	23.2



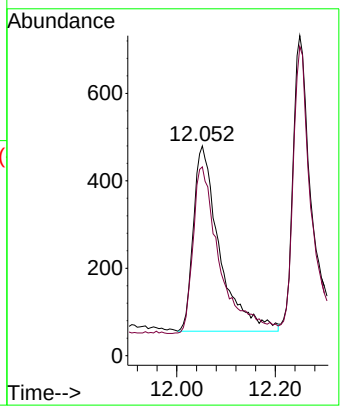


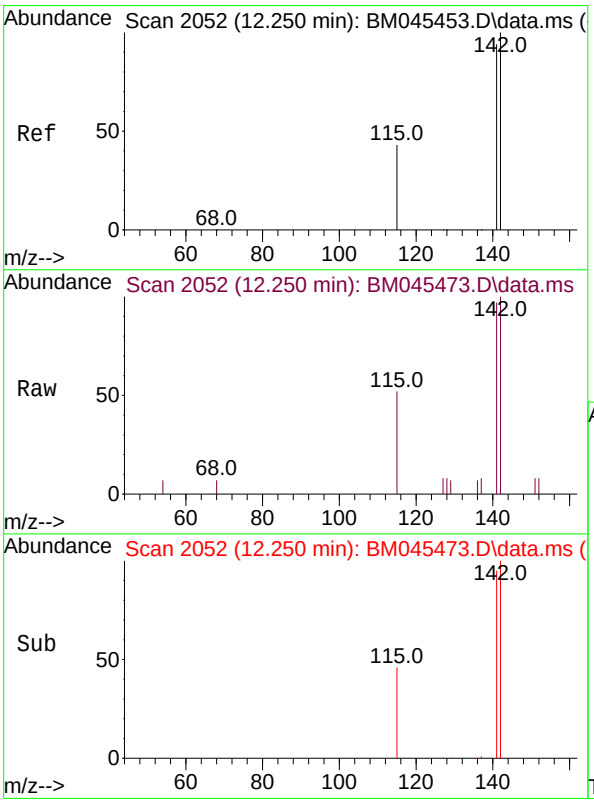
#7
2-Methylnaphthalene
Concen: 0.435 ng/ul
RT: 12.052 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

Tgt Ion:142 Resp: 1561

Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.6	111.8

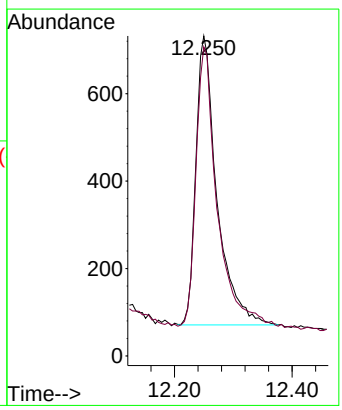


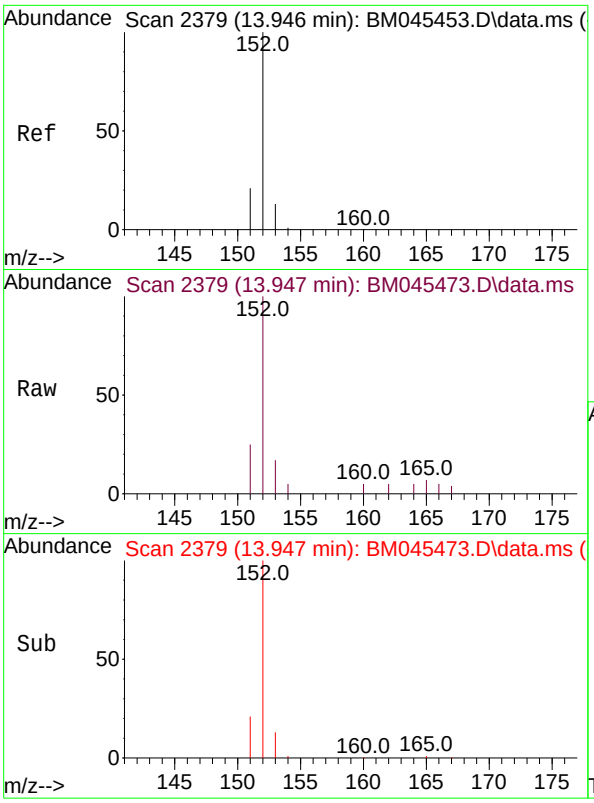


#8
1-Methylnaphthalene
Concen: 0.410 ng/ul
RT: 12.250 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Tgt Ion:142 Resp: 1647

Ion	Ratio	Lower	Upper
142	100		
141	97.0	76.1	114.1



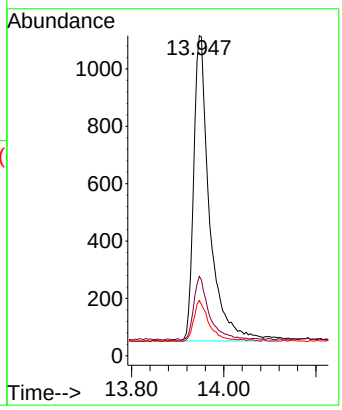


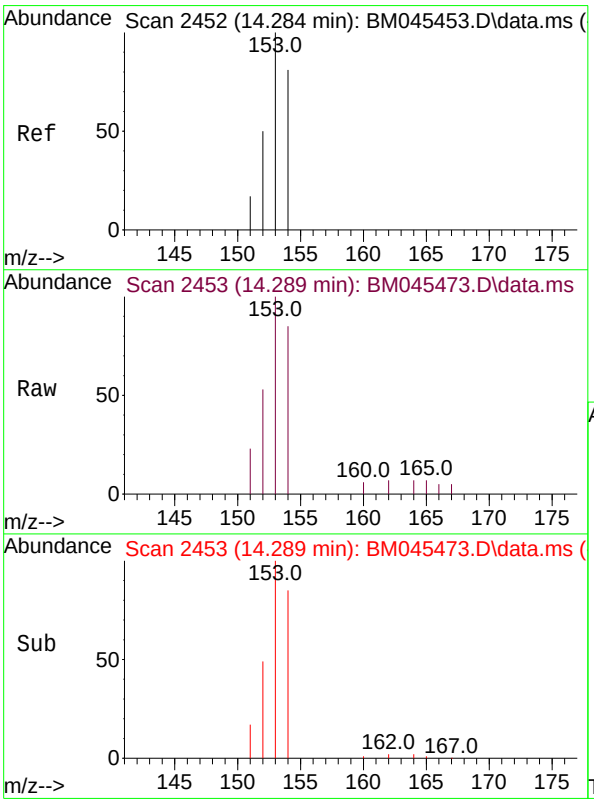
#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 13.947 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

Tgt Ion:152 Resp: 2561

Ion	Ratio	Lower	Upper
152	100		
151	24.8	18.6	28.0
153	17.3	14.1	21.1

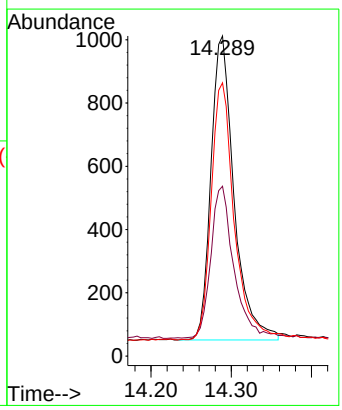


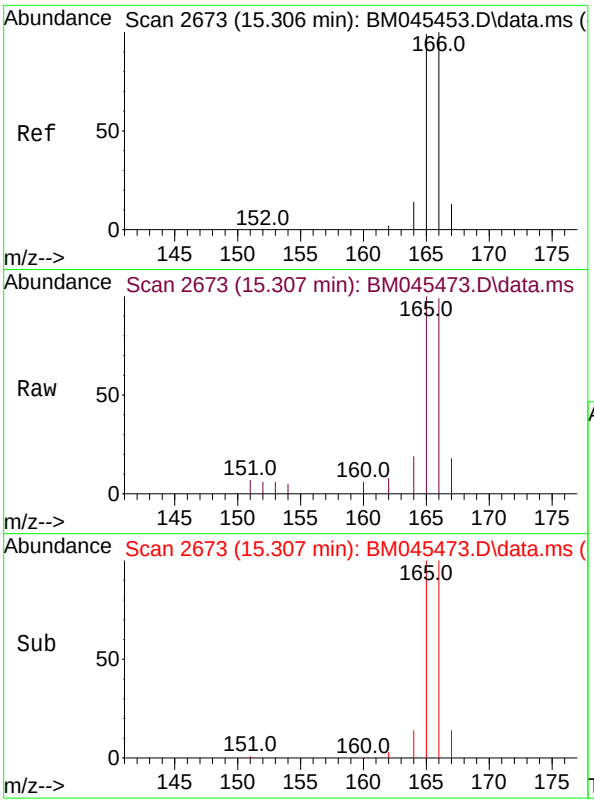


#11
Acenaphthene
Concen: 0.409 ng/ul
RT: 14.289 min Scan# 2453
Delta R.T. 0.005 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Tgt Ion:153 Resp: 1918

Ion	Ratio	Lower	Upper
153	100		
152	53.1	43.4	65.2
154	85.4	69.0	103.6



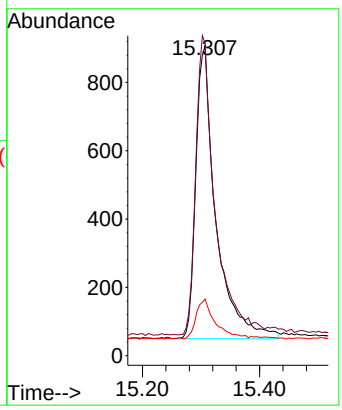


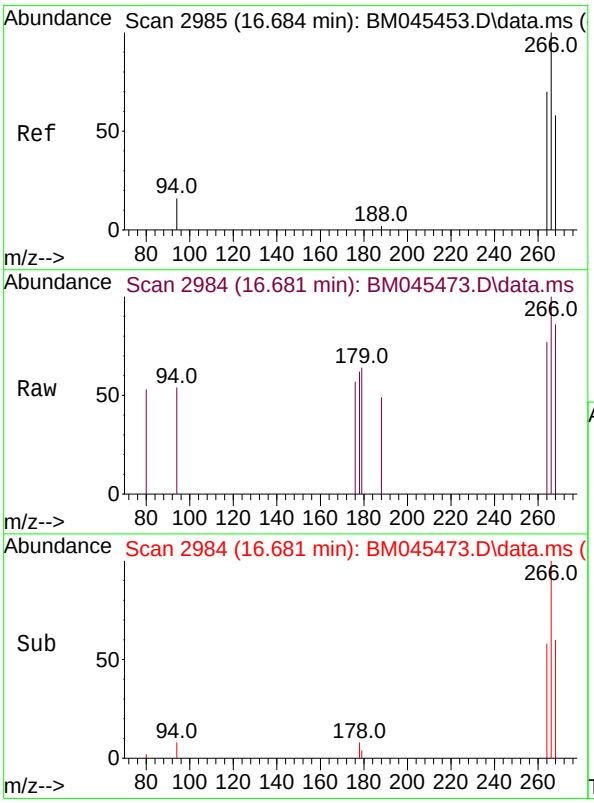
#12
Fluorene
Concen: 0.407 ng/ul
RT: 15.307 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

Tgt Ion:166 Resp: 2042

Ion	Ratio	Lower	Upper
166	100		
165	100.8	82.2	123.2
167	18.3	14.8	22.2

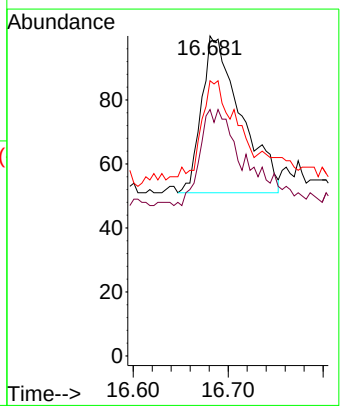


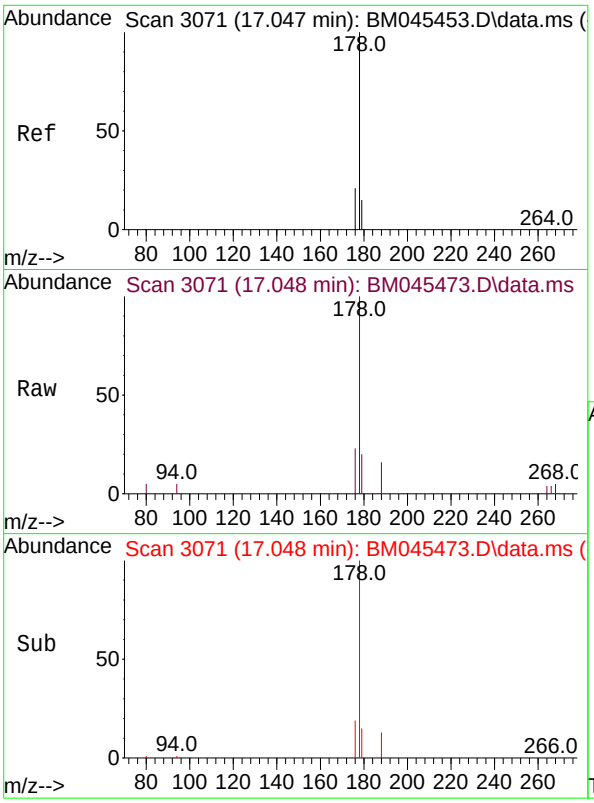


#14
Pentachlorophenol
Concen: 0.294 ng/ul
RT: 16.681 min Scan# 2984
Delta R.T. -0.003 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Tgt Ion:266 Resp: 141

Ion	Ratio	Lower	Upper
266	100		
264	72.3	45.5	68.3#
268	72.3	56.1	84.1



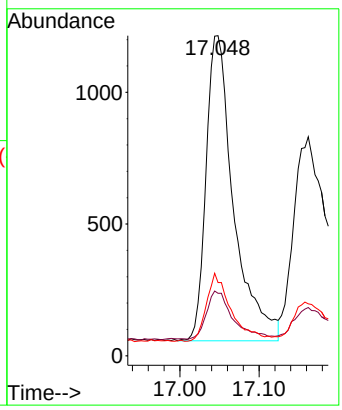


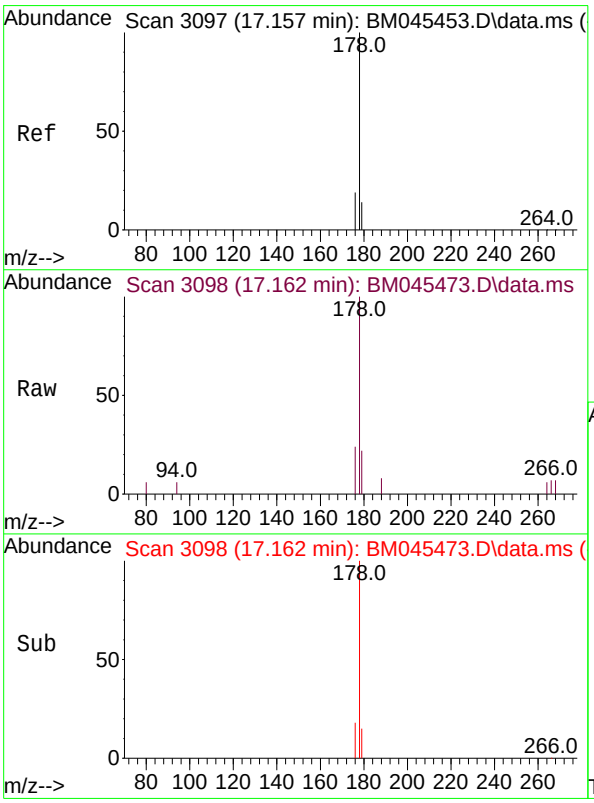
#15
Phenanthrene
Concen: 0.401 ng/ul
RT: 17.048 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

Tgt Ion:178 Resp: 2806

Ion	Ratio	Lower	Upper
178	100		
179	19.5	15.4	23.2
176	22.9	19.0	28.4

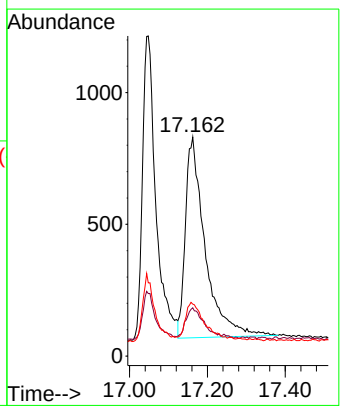


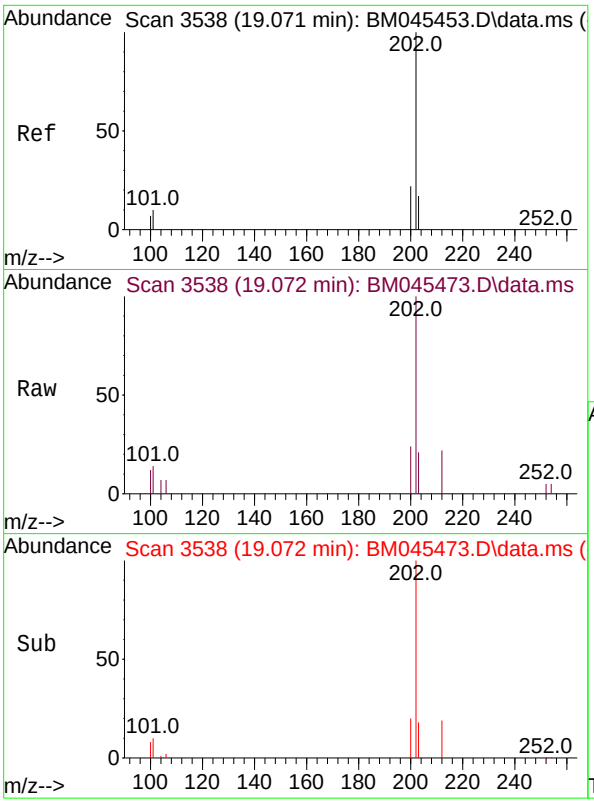


#16
Anthracene
Concen: 0.407 ng/ul
RT: 17.162 min Scan# 3098
Delta R.T. 0.005 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Tgt Ion:178 Resp: 2666

Ion	Ratio	Lower	Upper
178	100		
179	22.0	17.8	26.6
176	23.7	18.7	28.1



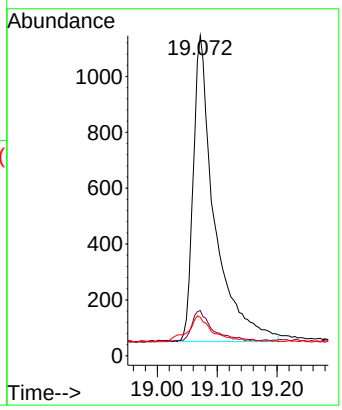


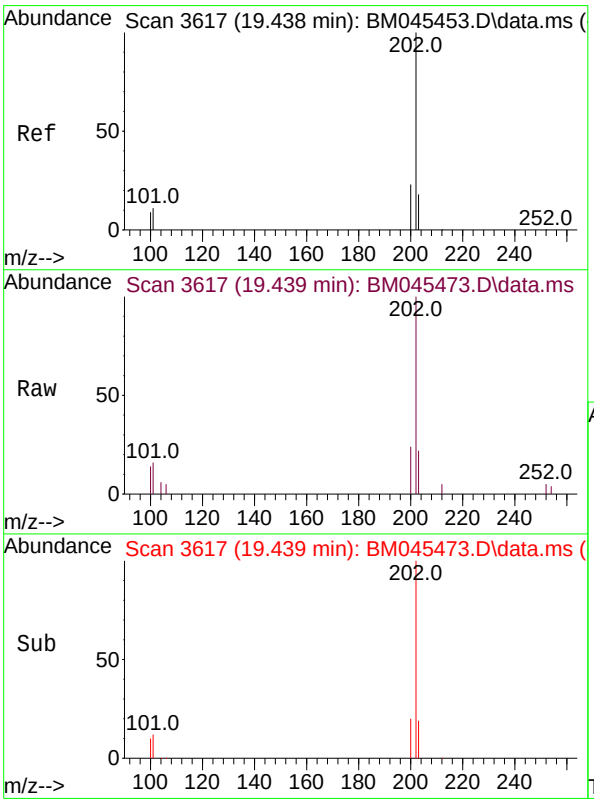
#19
Fluoranthene
Concen: 0.463 ng/ul
RT: 19.072 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

Tgt Ion:202 Resp: 2706

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.2	16.8
100	12.0	9.1	13.7

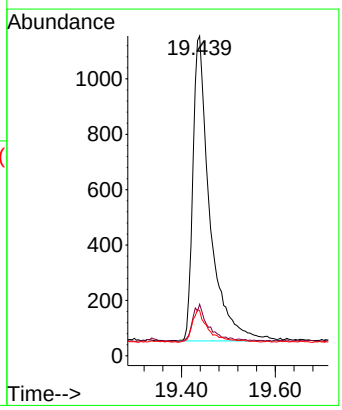


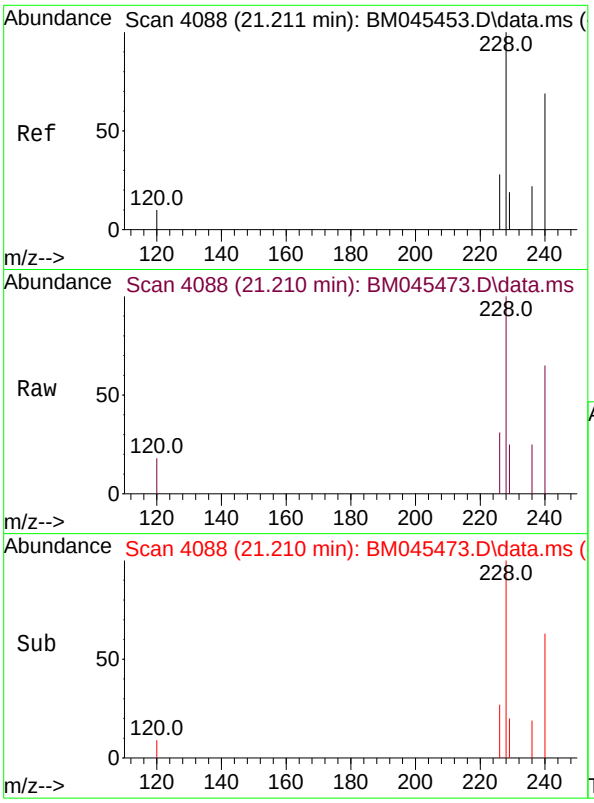


#20
Pyrene
Concen: 0.459 ng/ul
RT: 19.439 min Scan# 3617
Delta R.T. 0.001 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Tgt Ion:202 Resp: 2761

Ion	Ratio	Lower	Upper
202	100		
101	16.1	11.5	17.3
100	14.1	10.6	15.8



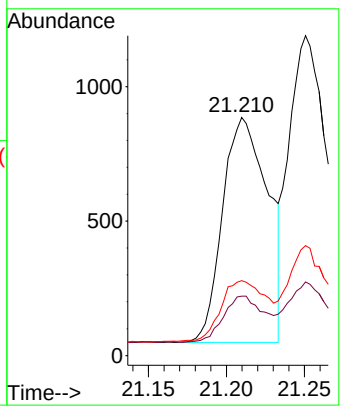


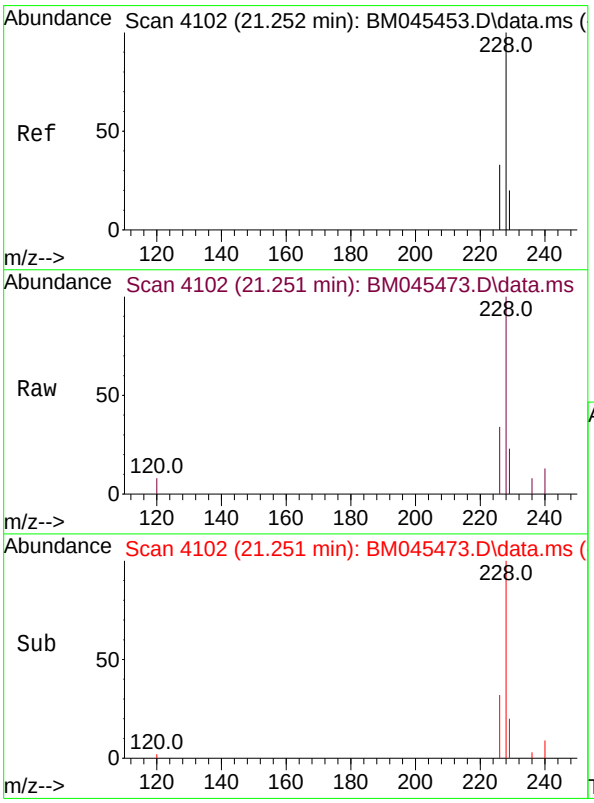
#21
Benzo(a)anthracene
Concen: 0.415 ng/ul
RT: 21.210 min Scan# 4(
Delta R.T. -0.001 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

Tgt Ion:228 Resp: 1682

Ion	Ratio	Lower	Upper
228	100		
229	24.9	19.4	29.2
226	31.5	26.3	39.5

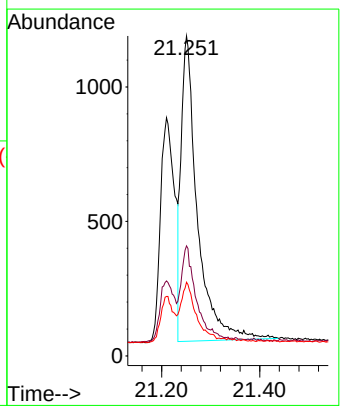


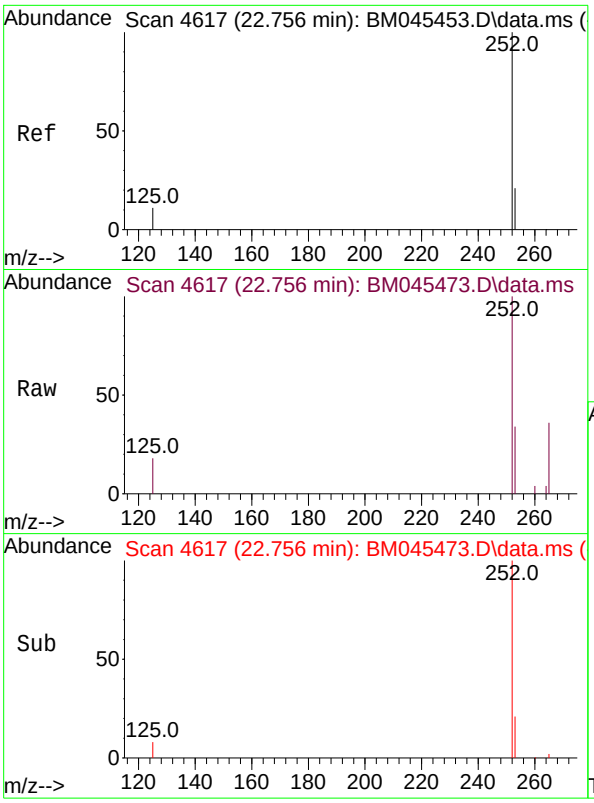


#22
Chrysene
Concen: 0.418 ng/ul
RT: 21.251 min Scan# 4102
Delta R.T. -0.001 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Tgt Ion:228 Resp: 2603

Ion	Ratio	Lower	Upper
228	100		
226	34.4	26.3	39.5
229	23.0	17.8	26.8



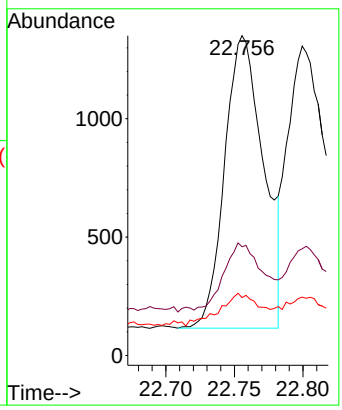


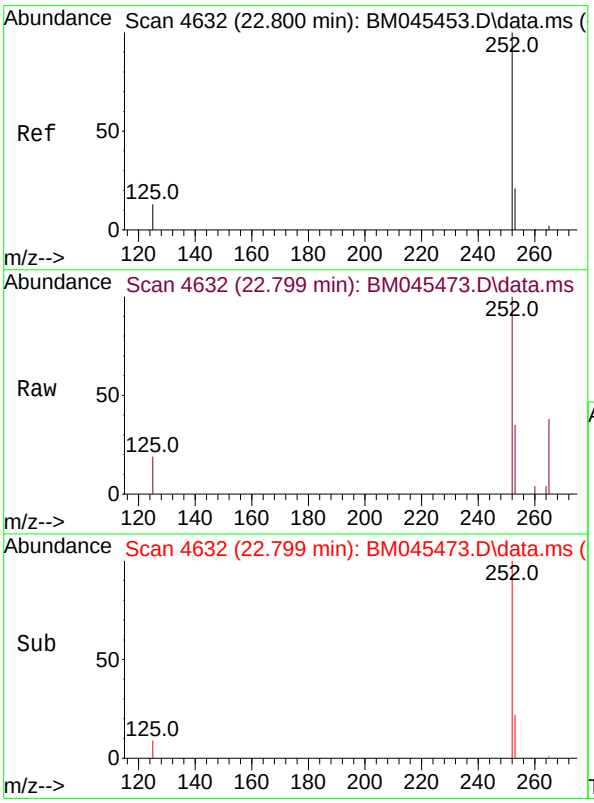
#24
Benzo(b)fluoranthene
Concen: 0.411 ng/ul
RT: 22.756 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

Tgt Ion:252 Resp: 2440

Ion	Ratio	Lower	Upper
252	100		
253	34.0	0.0	63.4
125	18.1	0.0	36.8

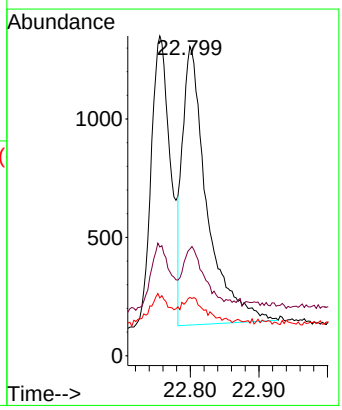


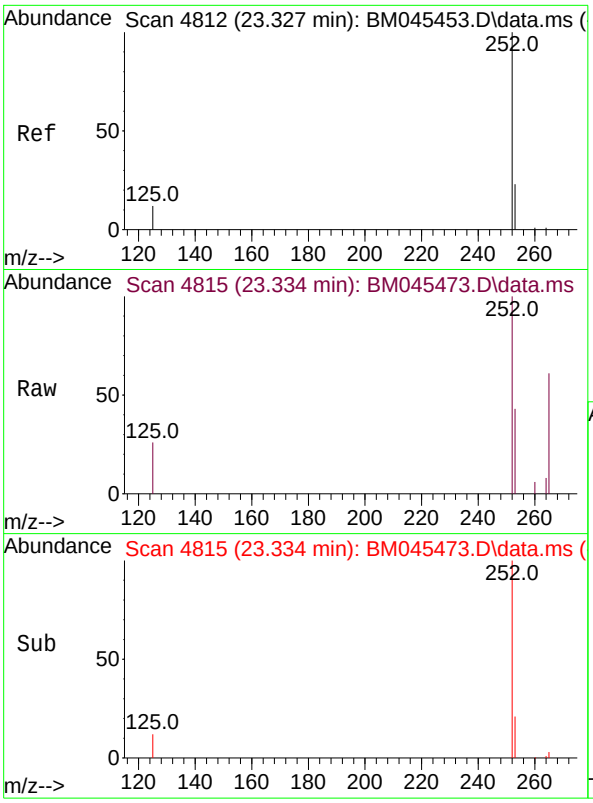


#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 22.799 min Scan# 4632
Delta R.T. -0.001 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Tgt Ion:252 Resp: 2917

Ion	Ratio	Lower	Upper
252	100		
253	34.5	25.4	38.0
125	18.9	14.8	22.2



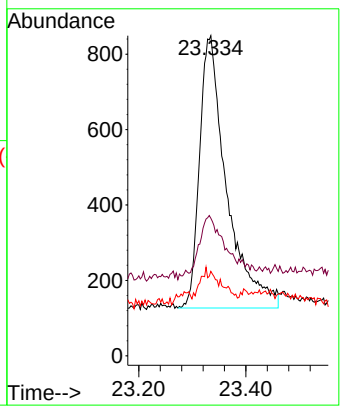


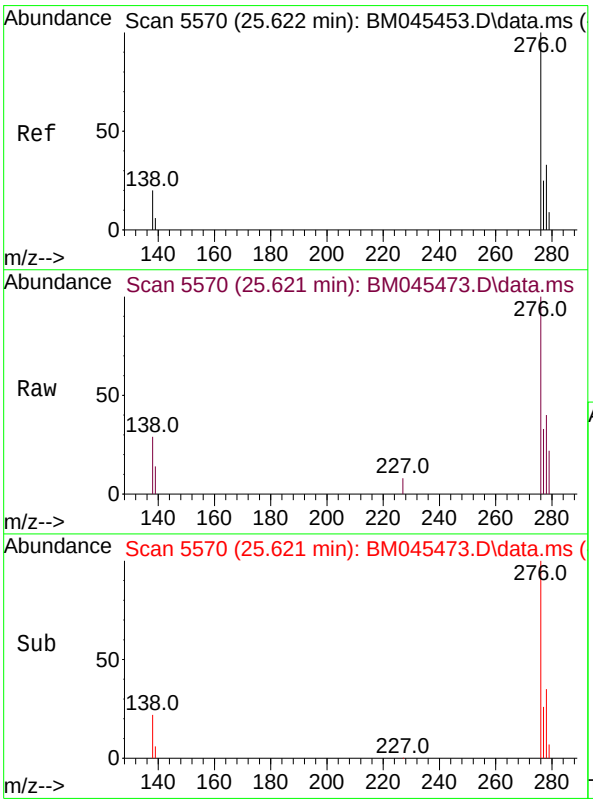
#26
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.334 min Scan# 4
Delta R.T. 0.008 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

Tgt Ion:252 Resp: 2529

Ion	Ratio	Lower	Upper
252	100		
253	43.0	31.6	47.4
125	26.4	19.5	29.3

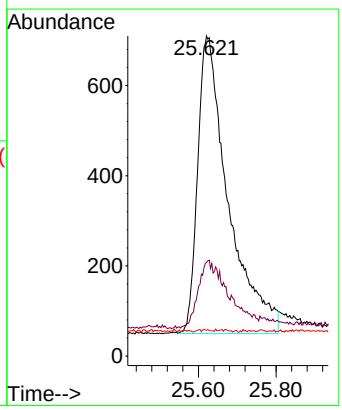


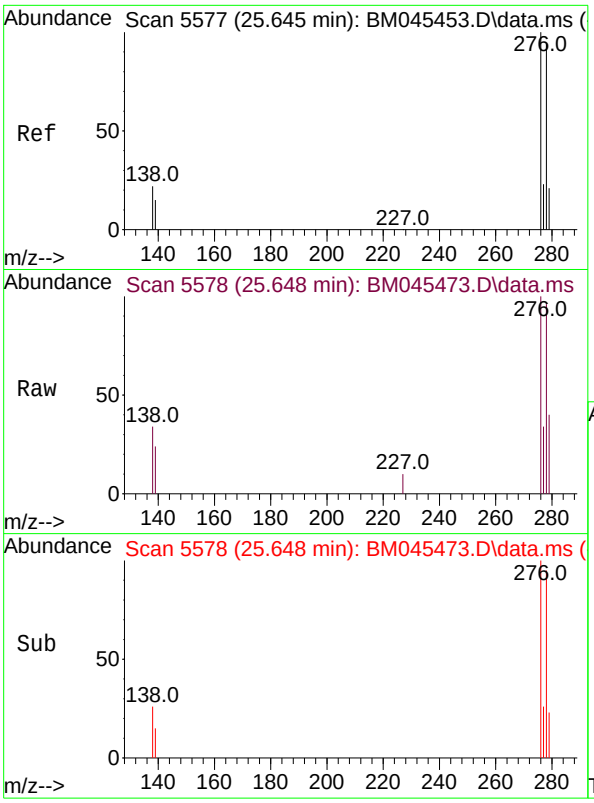


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng/ul
RT: 25.621 min Scan# 5570
Delta R.T. -0.001 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Tgt Ion:276 Resp: 3604

Ion	Ratio	Lower	Upper
276	100		
138	22.8	19.8	29.6
227	0.2	0.2	0.2



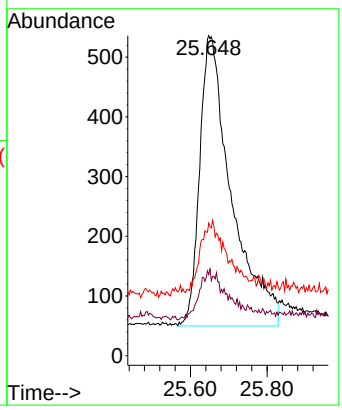


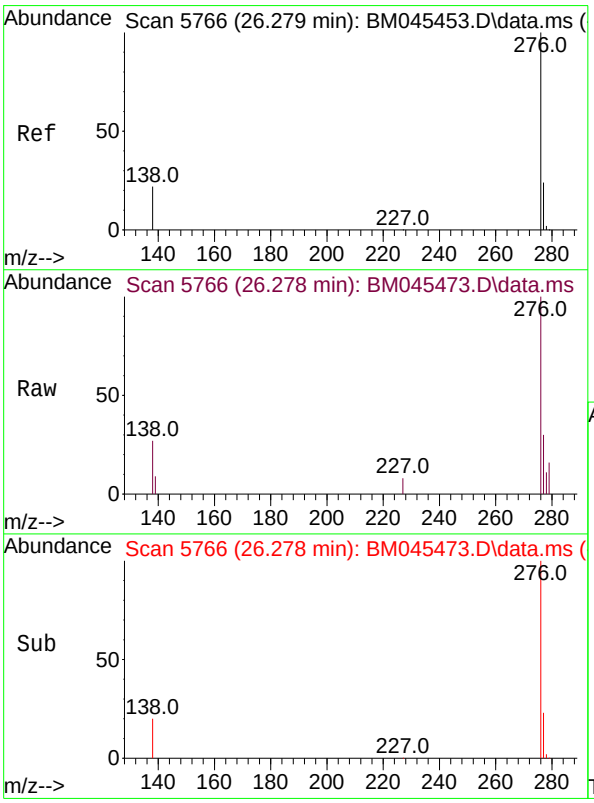
#28
Dibenzo(a,h)anthracene
Concen: 0.394 ng/ul
RT: 25.648 min Scan# 5
Delta R.T. 0.002 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

Tgt Ion:278 Resp: 2800

Ion	Ratio	Lower	Upper
278	100		
139	25.4	19.0	28.6
279	41.4	29.4	44.2





#29
Benzo(g,h,i)perylene
Concen: 0.414 ng/ul
RT: 26.278 min Scan# 5766
Delta R.T. -0.001 min
Lab File: BM045473.D
Acq: 22 Apr 2024 10:44

Tgt Ion:276 Resp: 3335

Ion	Ratio	Lower	Upper
276	100		
138	27.0	20.8	31.2
277	29.8	21.8	32.8