Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
Data File : BM045469.D
Acq On : 21 Apr 2024 19:22
Operator : MA/JU
Sample : P160317BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 22 02:05:26 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	7.589	152	747	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.353	136	2431	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.219	164	1493	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	3033	0.400	ng/ul	-0.02
17) Chrysene-d12	21.202	240	1752	0.400	ng/ul	-0.01
23) Perylene-d12	23.397	264	2169	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	870	0.869	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.958	152	1622	0.506	ng/ul	-0.02
18) Fluoranthene-d10	19.029	212	2924	0.530	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.201	88	2572	2.670	ng/ul#	82
5) Naphthalene	10.402	128	3341	0.512	ng/ul	95
7) 2-Methylnaphthalene	12.035	142	2092	0.561	ng/ul	99
8) 1-Methylnaphthalene	12.239	142	2214	0.530	ng/ul	99
10) Acenaphthylene	13.941	152	3727	0.506	ng/ul	97
11) Acenaphthene	14.279	153	2834	0.518	ng/ul	99
12) Fluorene	15.292	166	3062	0.524	ng/ul	97
14) Pentachlorophenol	16.655	266	730	1.207	ng/ul	92
15) Phenanthrene	17.031	178	4359	0.493	ng/ul	98
16) Anthracene	17.136	178	4417	0.534	ng/ul	96
19) Fluoranthene	19.057	202	4623	0.572	ng/ul	96
20) Pyrene	19.424	202	4728	0.569	ng/ul	98
21) Benzo(a)anthracene	21.193	228	3246	0.580	ng/ul	95
22) Chrysene	21.240	228	3985	0.463	ng/ul	99
24) Benzo(b)fluoranthene	22.742	252	3998	0.548	ng/ul	99
25) Benzo(k)fluoranthene	22.789	252	4563	0.495	ng/ul	98
26) Benzo(a)pyrene	23.312	252	4116	0.544	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.598	276	5923	0.539	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.615	278	4753	0.545	ng/ul	95
29) Benzo(g,h,i)perylene	26.266	276	5086	0.515	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
Data File : BM045469.D
Acq On : 21 Apr 2024 19:22
Operator : MA/JU
Sample : P160317BS
Misc :
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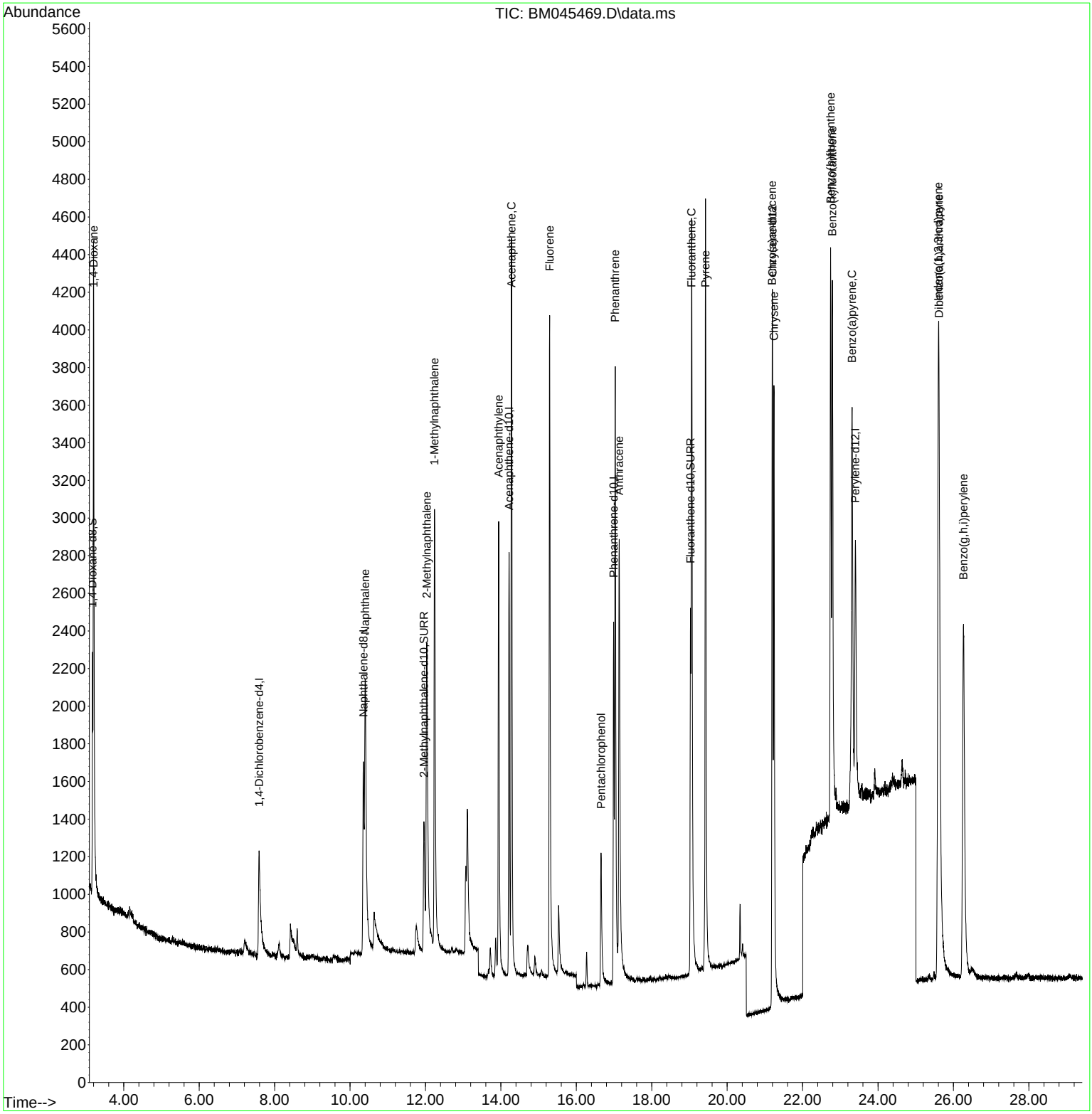
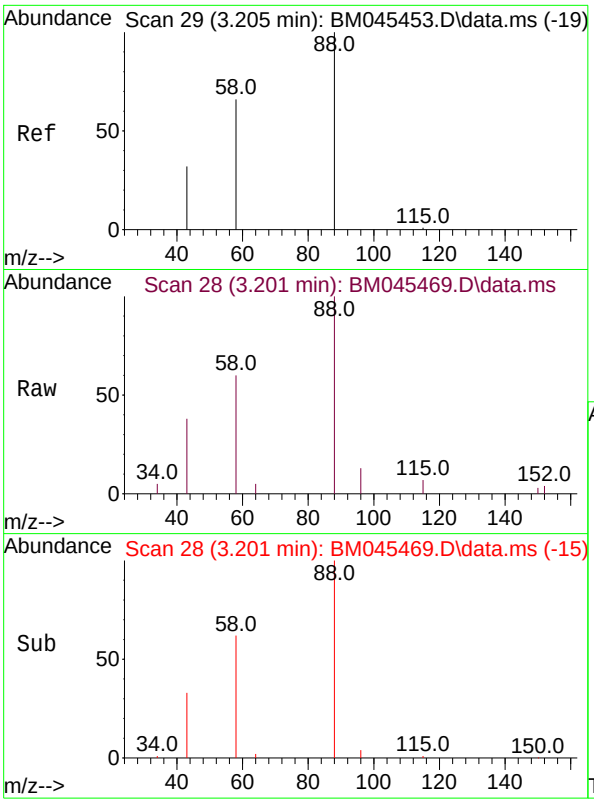
Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 22 02:05:26 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



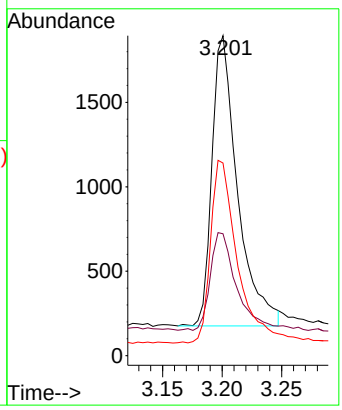


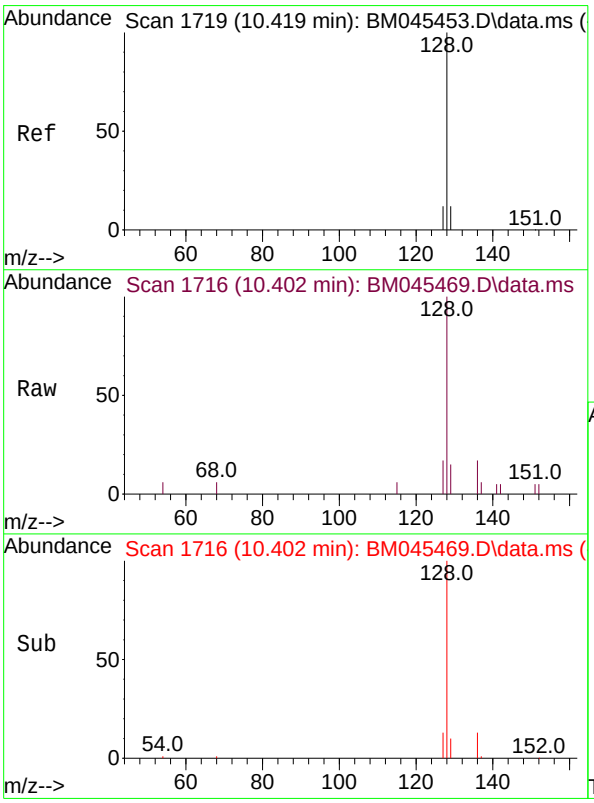
#2
1,4-Dioxane
Concen: 2.670 ng/ul
RT: 3.201 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 2572

Ion	Ratio	Lower	Upper
88	100		
43	38.1	36.8	55.2
58	60.2	35.4	53.2#

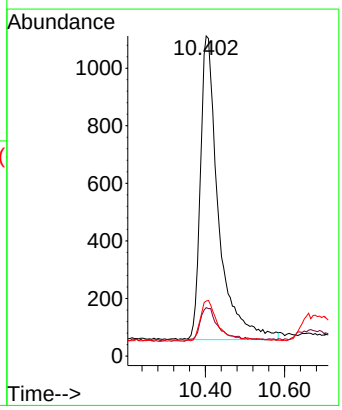


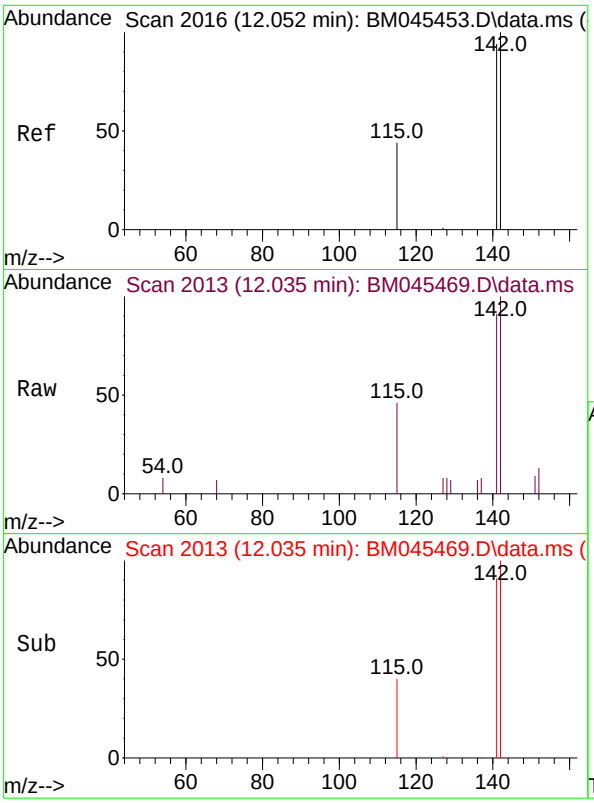


#5
Naphthalene
Concen: 0.512 ng/ul
RT: 10.402 min Scan# 1716
Delta R.T. -0.016 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Tgt Ion:128 Resp: 3341

Ion	Ratio	Lower	Upper
128	100		
129	15.1	14.0	21.0
127	17.2	15.4	23.2



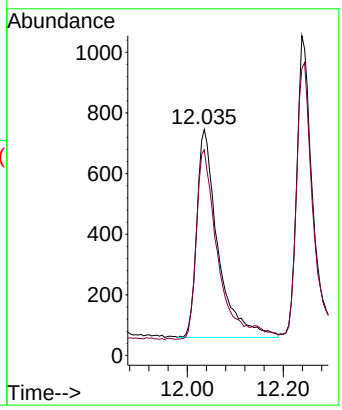


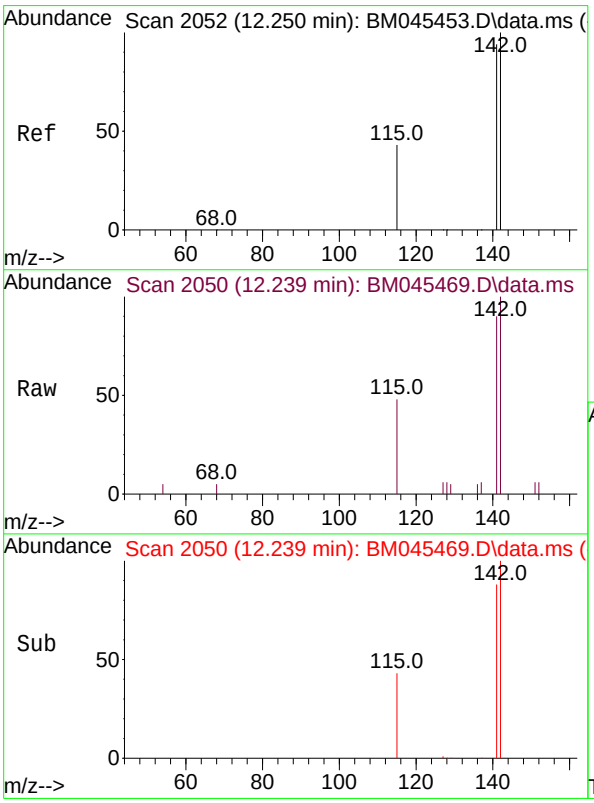
#7
2-Methylnaphthalene
Concen: 0.561 ng/ul
RT: 12.035 min Scan# 2
Delta R.T. -0.016 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 2092

Ion	Ratio	Lower	Upper
142	100		
141	94.4	74.6	111.8

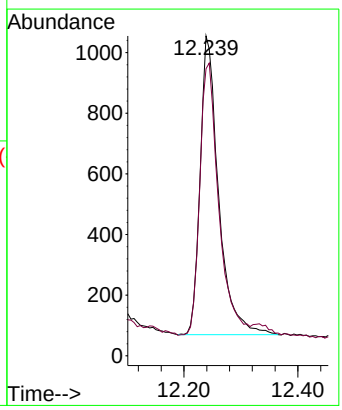


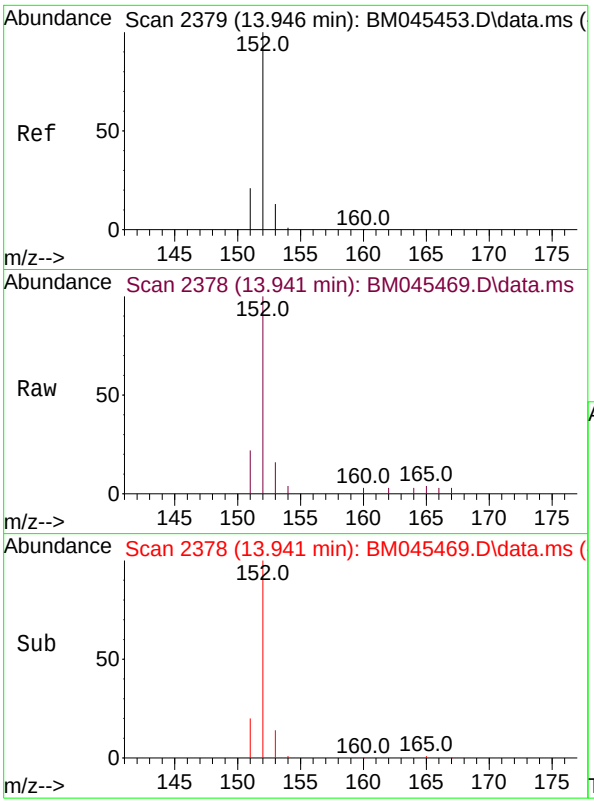


#8
1-Methylnaphthalene
Concen: 0.530 ng/ul
RT: 12.239 min Scan# 2050
Delta R.T. -0.011 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Tgt Ion:142 Resp: 2214

Ion	Ratio	Lower	Upper
142	100		
141	95.8	76.1	114.1



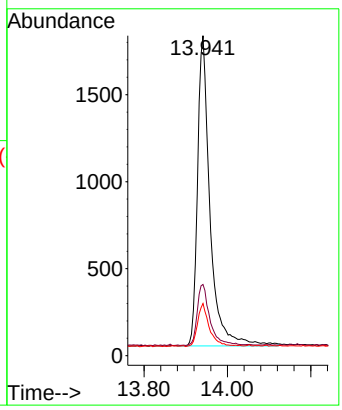


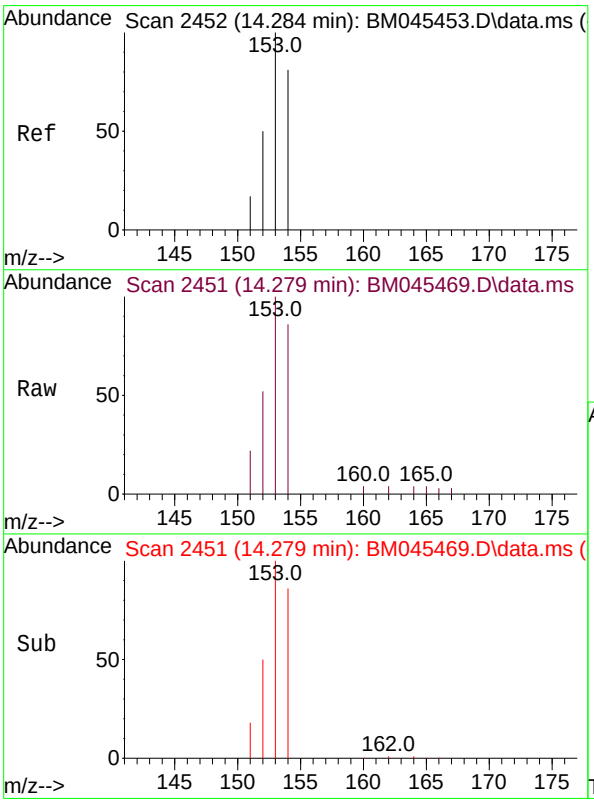
#10
Acenaphthylene
Concen: 0.506 ng/ul
RT: 13.941 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 3727

Ion	Ratio	Lower	Upper
152	100		
151	22.2	18.6	28.0
153	16.3	14.1	21.1

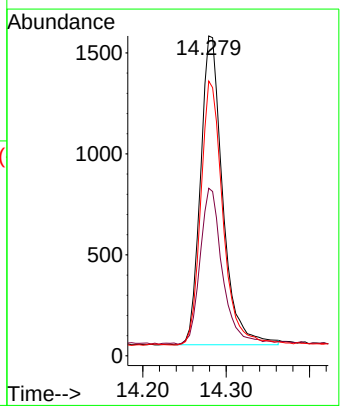


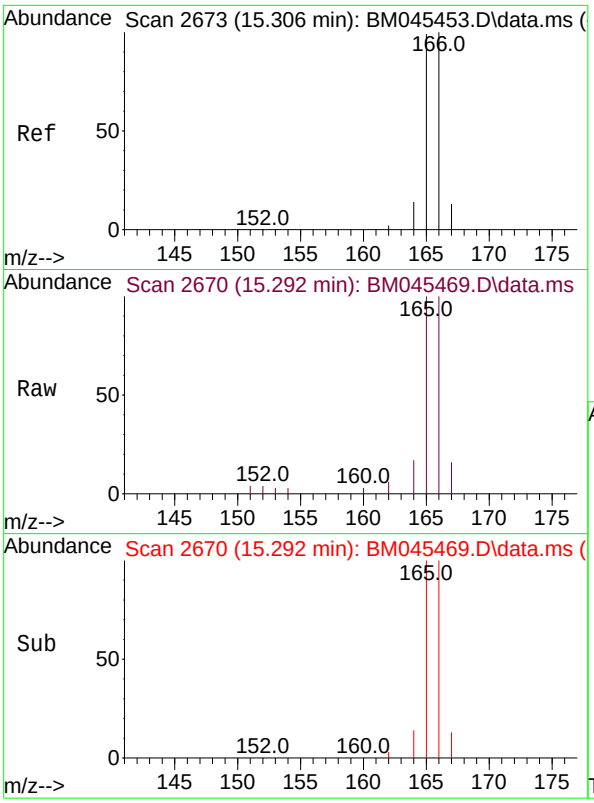


#11
Acenaphthene
Concen: 0.518 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. -0.005 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Tgt Ion:153 Resp: 2834

Ion	Ratio	Lower	Upper
153	100		
152	52.4	43.4	65.2
154	85.9	69.0	103.6



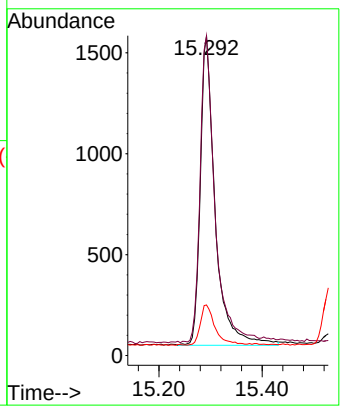


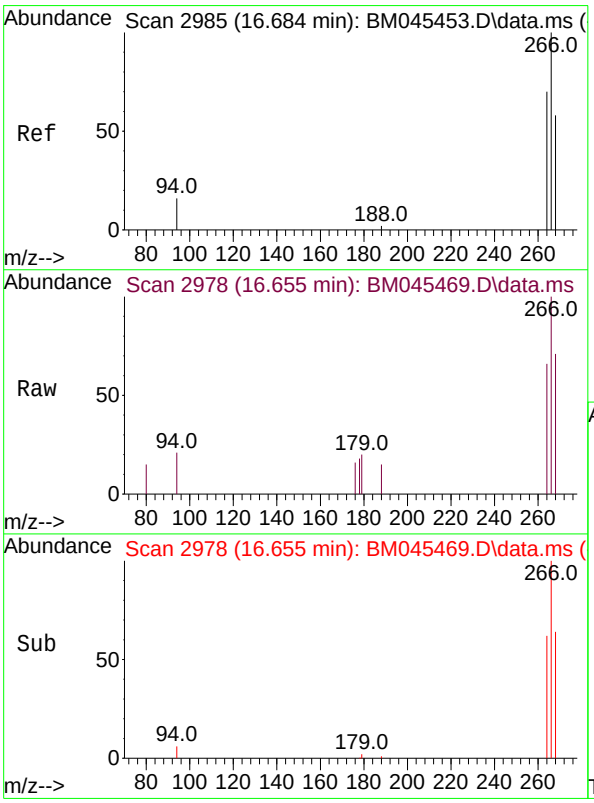
#12
Fluorene
Concen: 0.524 ng/ul
RT: 15.292 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 3062

Ion	Ratio	Lower	Upper
166	100		
165	100.1	82.2	123.2
167	15.9	14.8	22.2

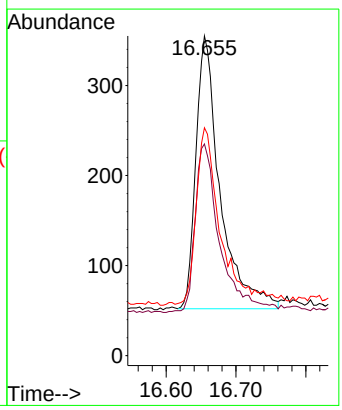


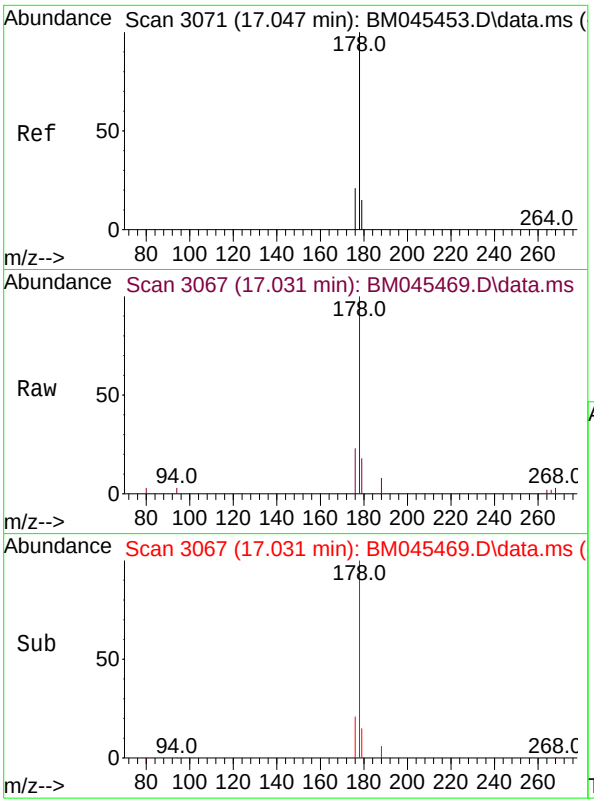


#14
Pentachlorophenol
Concen: 1.207 ng/ul
RT: 16.655 min Scan# 2978
Delta R.T. -0.029 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Tgt Ion:266 Resp: 730

Ion	Ratio	Lower	Upper
266	100		
264	65.1	45.5	68.3
268	65.9	56.1	84.1



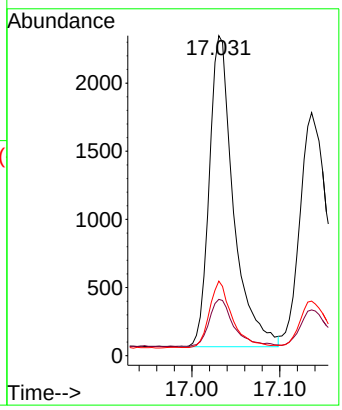


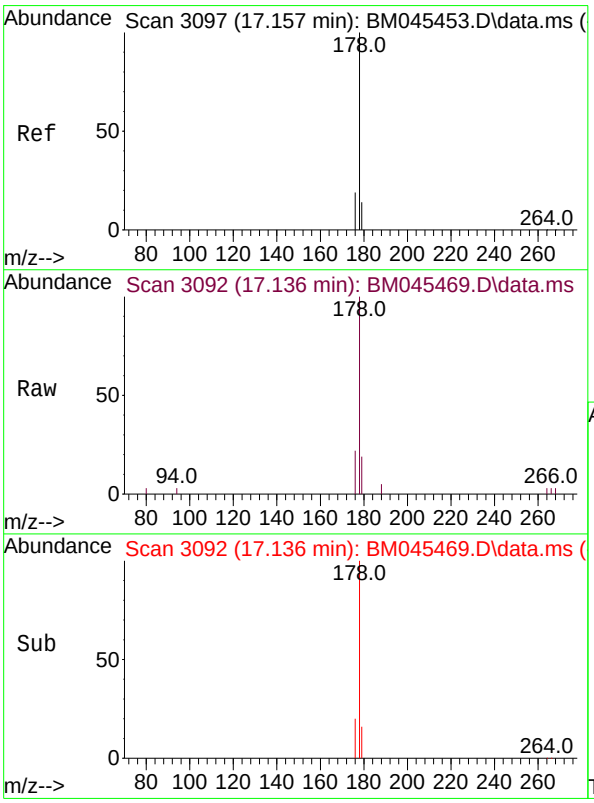
#15
Phenanthrene
Concen: 0.493 ng/ul
RT: 17.031 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 4359

Ion	Ratio	Lower	Upper
178	100		
179	17.6	15.4	23.2
176	23.3	19.0	28.4

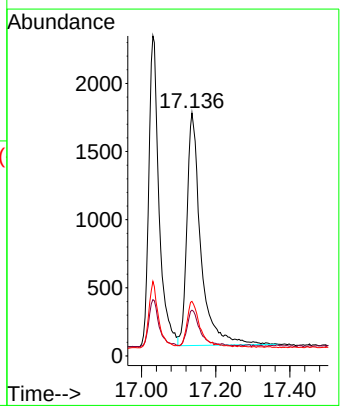


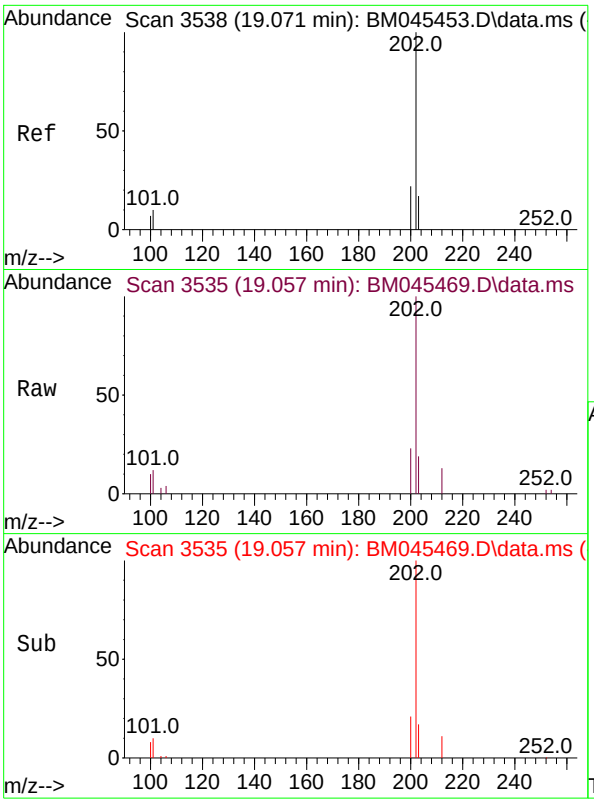


#16
Anthracene
Concen: 0.534 ng/ul
RT: 17.136 min Scan# 3092
Delta R.T. -0.021 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Tgt Ion:178 Resp: 4417

Ion	Ratio	Lower	Upper
178	100		
179	18.8	17.8	26.6
176	22.5	18.7	28.1



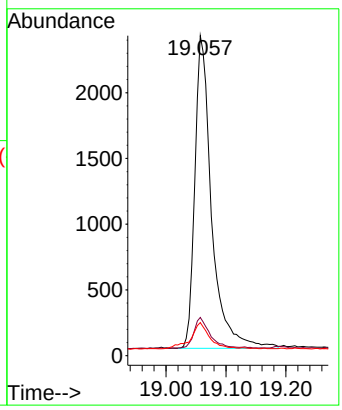


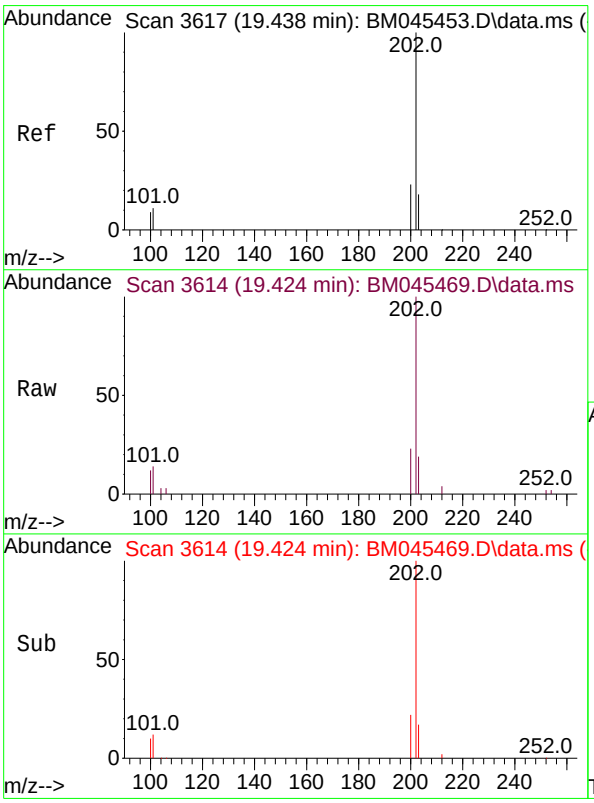
#19
Fluoranthene
Concen: 0.572 ng/ul
RT: 19.057 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 4623

Ion	Ratio	Lower	Upper
202	100		
101	12.0	11.2	16.8
100	10.4	9.1	13.7

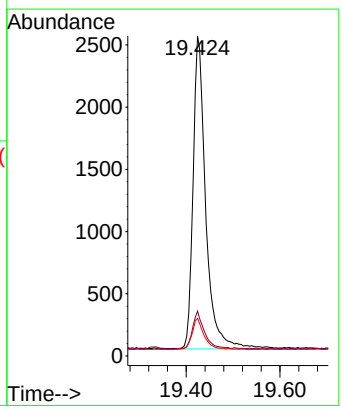


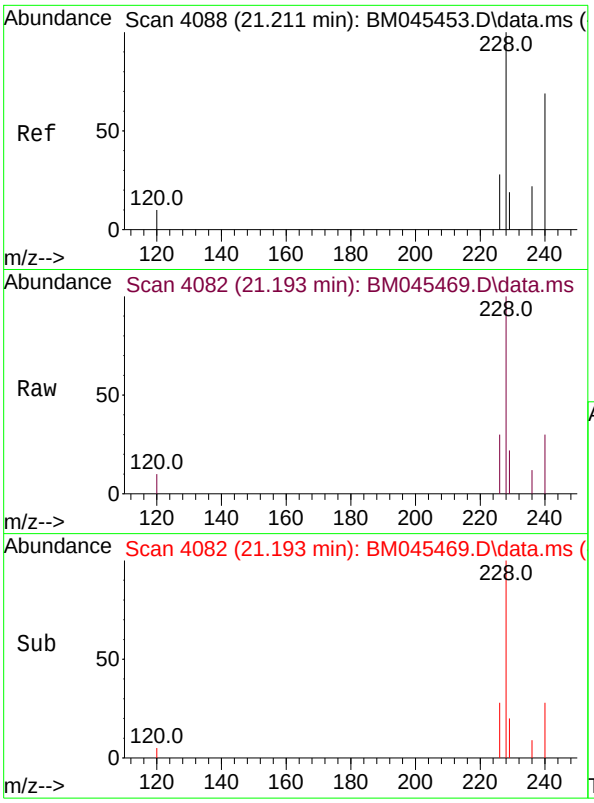


#20
Pyrene
Concen: 0.569 ng/ul
RT: 19.424 min Scan# 3614
Delta R.T. -0.014 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Tgt Ion:202 Resp: 4728

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.5	17.3
100	11.7	10.6	15.8



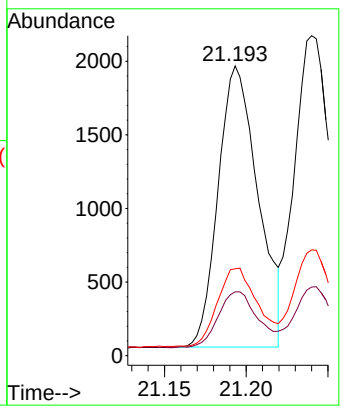


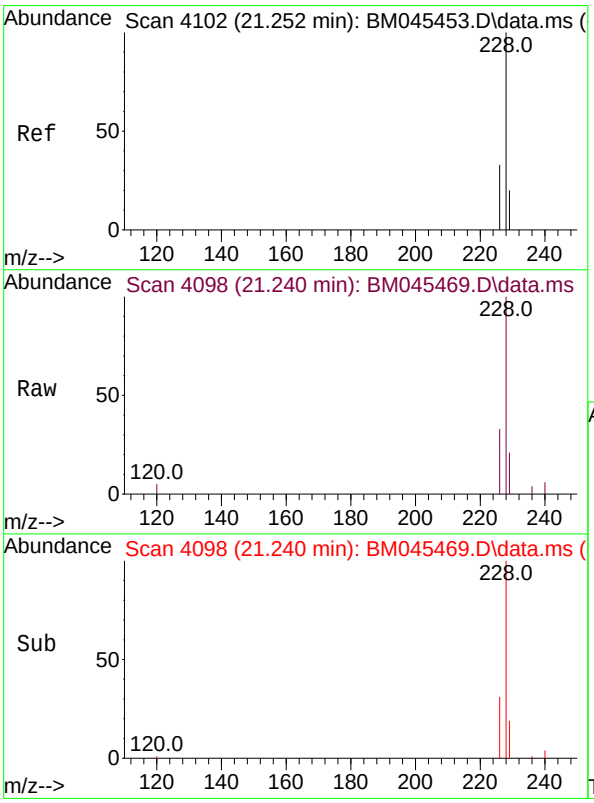
#21
Benzo(a)anthracene
Concen: 0.580 ng/ul
RT: 21.193 min Scan# 4
Delta R.T. -0.017 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 3246

Ion	Ratio	Lower	Upper
228	100		
229	22.0	19.4	29.2
226	30.0	26.3	39.5

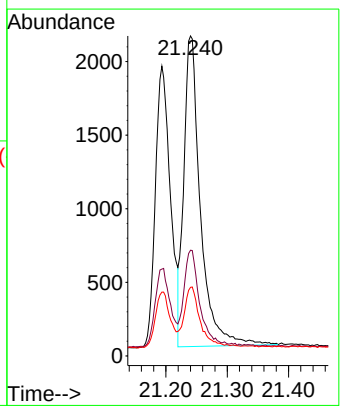


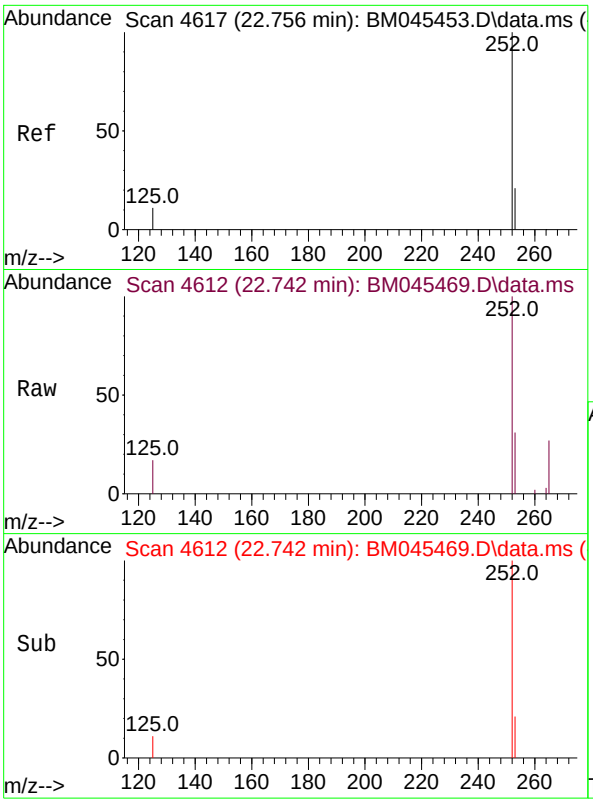


#22
Chrysene
Concen: 0.463 ng/ul
RT: 21.240 min Scan# 4098
Delta R.T. -0.012 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Tgt Ion:228 Resp: 3985

Ion	Ratio	Lower	Upper
228	100		
226	33.1	26.3	39.5
229	21.5	17.8	26.8



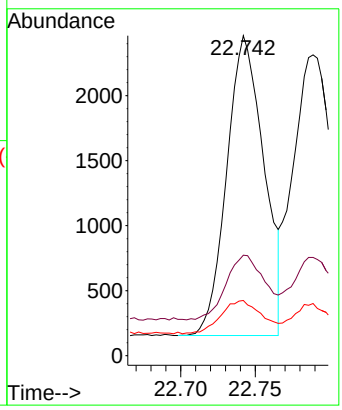


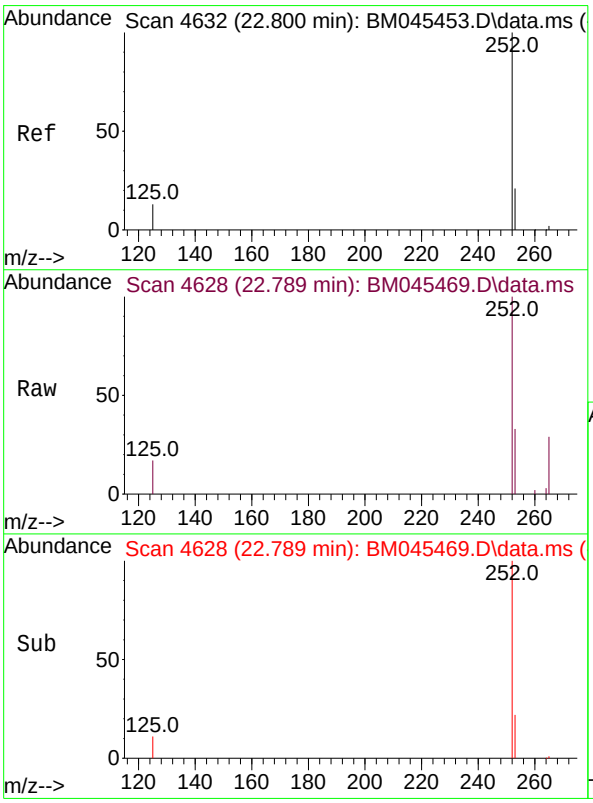
#24
Benzo(b)fluoranthene
Concen: 0.548 ng/ul
RT: 22.742 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3998

Ion	Ratio	Lower	Upper
252	100		
253	31.4	0.0	63.4
125	17.2	0.0	36.8

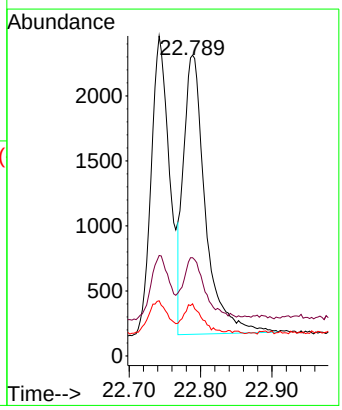


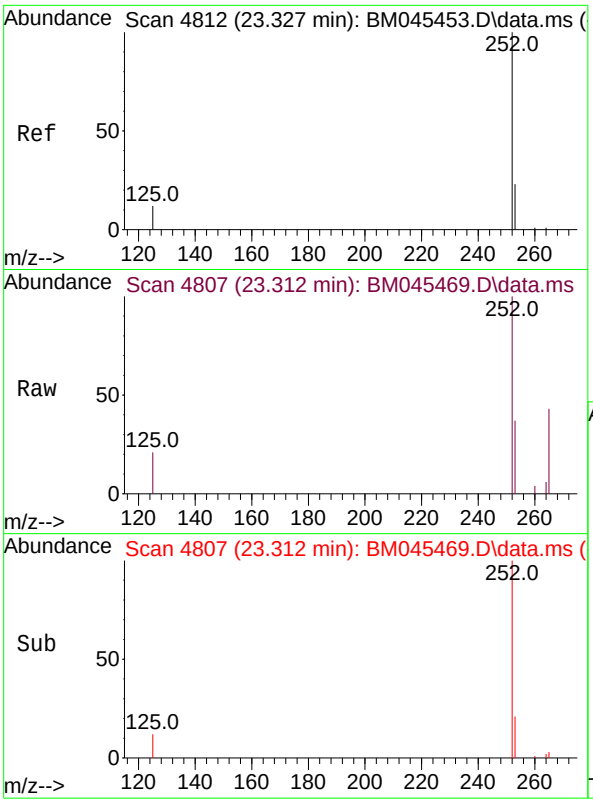


#25
Benzo(k)fluoranthene
Concen: 0.495 ng/ul
RT: 22.789 min Scan# 4628
Delta R.T. -0.012 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Tgt Ion:252 Resp: 4563

Ion	Ratio	Lower	Upper
252	100		
253	32.6	25.4	38.0
125	17.3	14.8	22.2



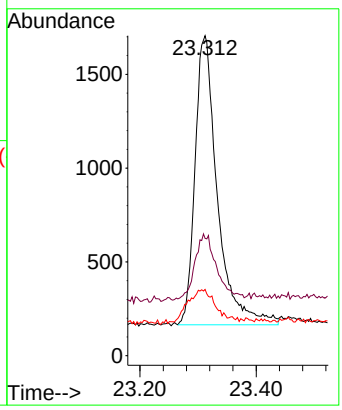


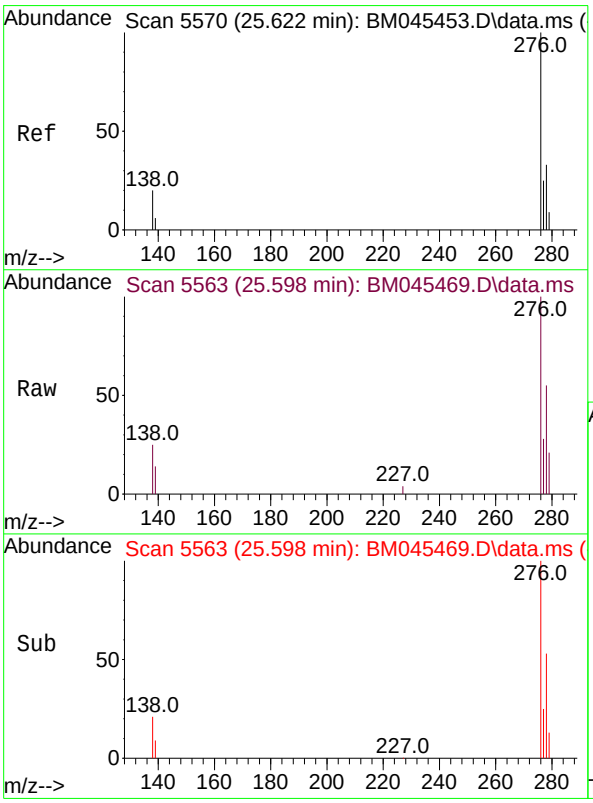
#26
Benzo(a)pyrene
Concen: 0.544 ng/ul
RT: 23.312 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 4116

Ion	Ratio	Lower	Upper
252	100		
253	36.6	31.6	47.4
125	20.7	19.5	29.3

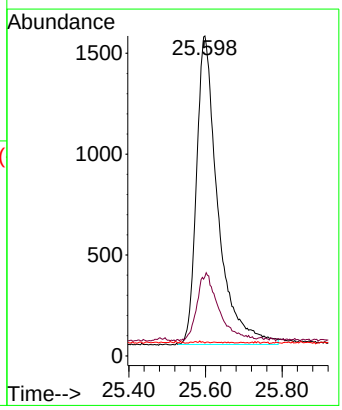


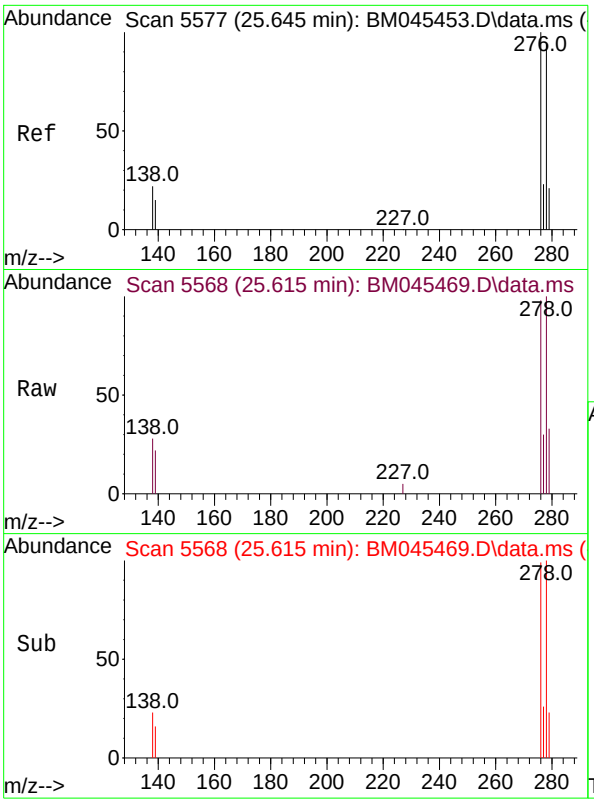


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.539 ng/ul
RT: 25.598 min Scan# 5563
Delta R.T. -0.023 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Tgt Ion:276 Resp: 5923

Ion	Ratio	Lower	Upper
276	100		
138	22.4	19.8	29.6
227	0.1	0.2	0.2#



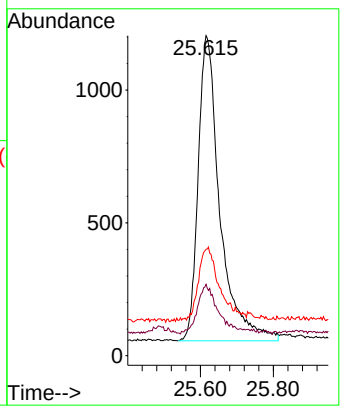


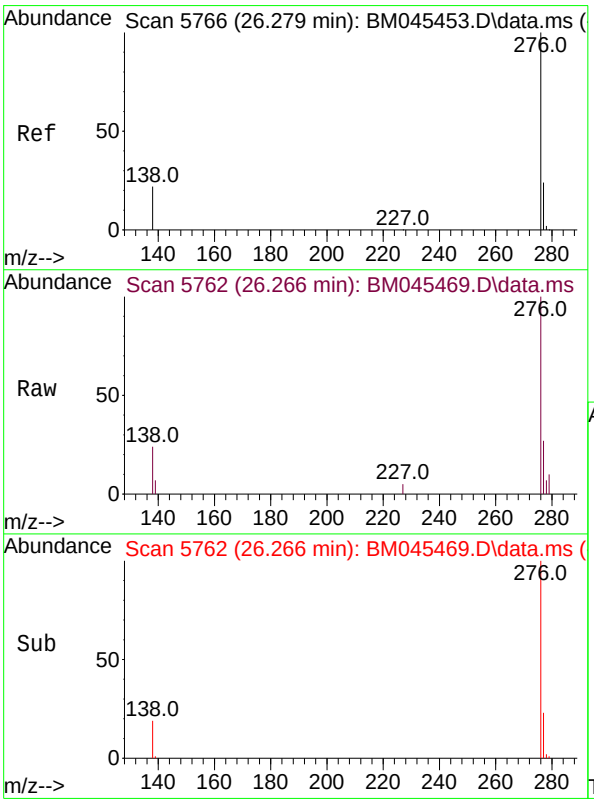
#28
Dibenzo(a,h)anthracene
Concen: 0.545 ng/ul
RT: 25.615 min Scan# 5
Delta R.T. -0.030 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 4753

Ion	Ratio	Lower	Upper
278	100		
139	22.3	19.0	28.6
279	33.3	29.4	44.2





#29
Benzo(g,h,i)perylene
Concen: 0.515 ng/ul
RT: 26.266 min Scan# 5762
Delta R.T. -0.013 min
Lab File: BM045469.D
Acq: 21 Apr 2024 19:22

Tgt Ion:276 Resp: 5086

Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.8	31.2
277	26.5	21.8	32.8