Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044949.D
Acq On : 05 Apr 2024 14:56
Operator : MA/JU
Sample : PB160017BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS017

Quant Time: Apr 05 15:37:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 23:34:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.648	152	1487	0.400	ng/ul	0.00
4) Naphthalene-d8	10.435	136	4561	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.297	164	2435	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.060	188	5627	0.400	ng/ul	0.00
17) Chrysene-d12	21.266	240	5384	0.400	ng/ul	0.00
23) Perylene-d12	23.493	264	7072	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	1383	0.708	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.041	152	2053	0.332	ng/ul	-0.01
18) Fluoranthene-d10	19.094	212	5089	0.374	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.251	88	3654	1.951	ng/ul#	82
5) Naphthalene	10.484	128	4115	0.340	ng/ul	96
7) 2-Methylnaphthalene	12.118	142	2432	0.337	ng/ul	100
8) 1-Methylnaphthalene	12.327	142	2540	0.322	ng/ul	97
10) Acenaphthylene	14.020	152	4215	0.347	ng/ul	98
11) Acenaphthene	14.362	153	2991	0.344	ng/ul	100
12) Fluorene	15.366	166	3302	0.339	ng/ul	99
14) Pentachlorophenol	16.722	266	944	0.715	ng/ul	99
15) Phenanthrene	17.102	178	5352	0.338	ng/ul	99
16) Anthracene	17.203	178	5423	0.348	ng/ul	98
19) Fluoranthene	19.126	202	6933	0.360	ng/ul	99
20) Pyrene	19.494	202	7411	0.365	ng/ul	100
21) Benzo(a)anthracene	21.251	228	7017	0.374	ng/ul	99
22) Chrysene	21.301	228	8397	0.359	ng/ul	100
24) Benzo(b)fluoranthene	22.824	252	8933	0.350	ng/ul	98
25) Benzo(k)fluoranthene	22.868	252	9746	0.341	ng/ul	96
26) Benzo(a)pyrene	23.400	252	8739	0.358	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.736	276	11944	0.357	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.756	278	9432	0.356	ng/ul	96
29) Benzo(g,h,i)perylene	26.417	276	10130	0.351	ng/ul	98

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

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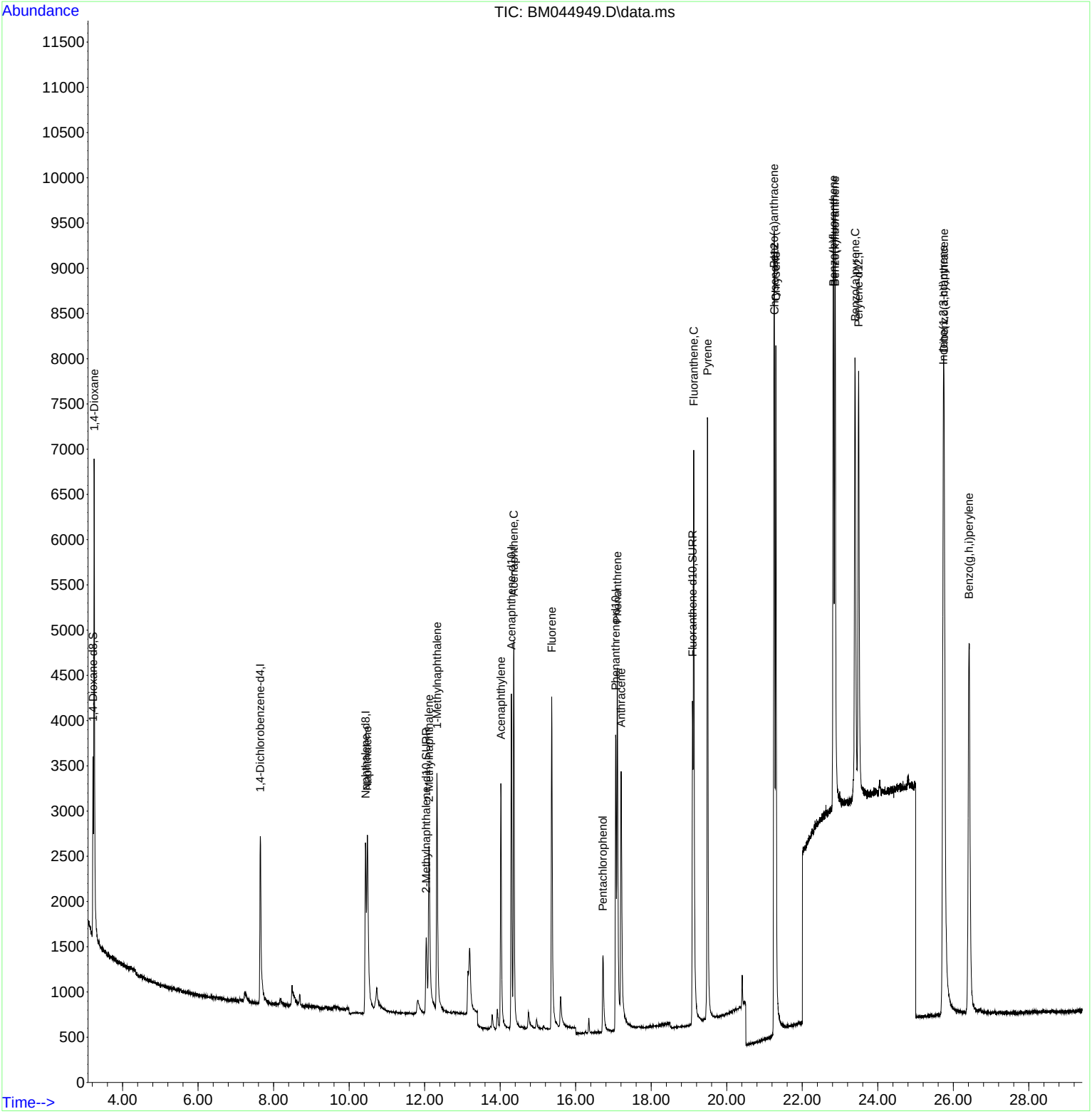
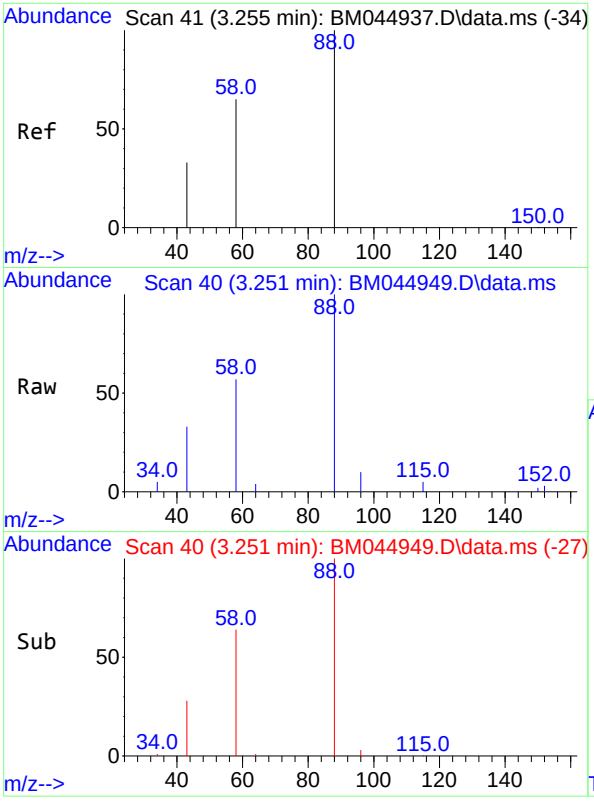


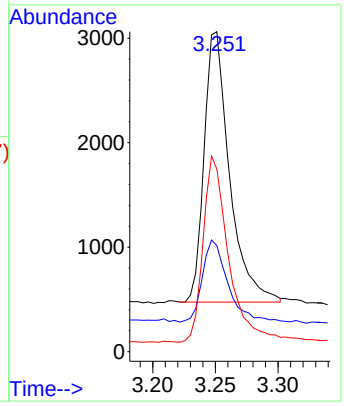


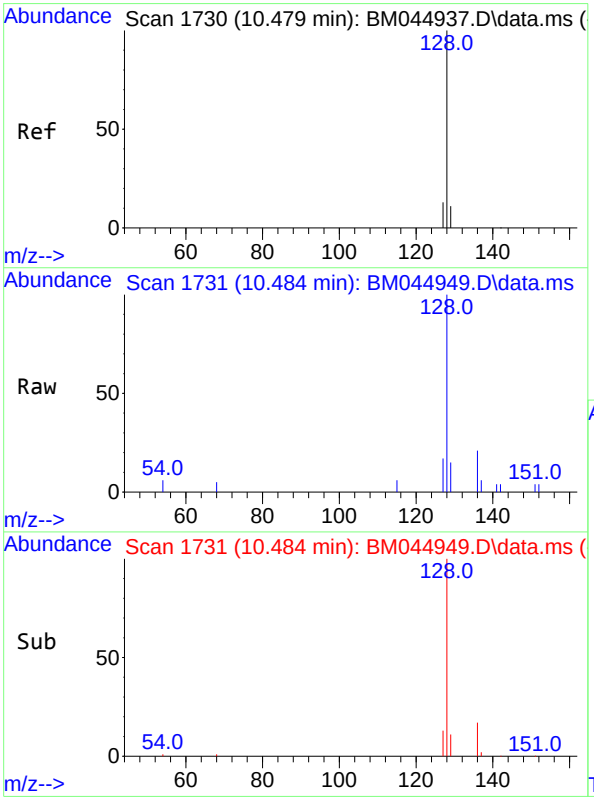
#2
1,4-Dioxane
Concen: 1.951 ng/ul
RT: 3.251 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Instrument :
BNA_M
ClientSampleId :
SLCS017

Tgt Ion: 88 Resp: 3654

Ion	Ratio	Lower	Upper
88	100		
43	33.1	30.6	46.0
58	57.1	32.6	48.8#

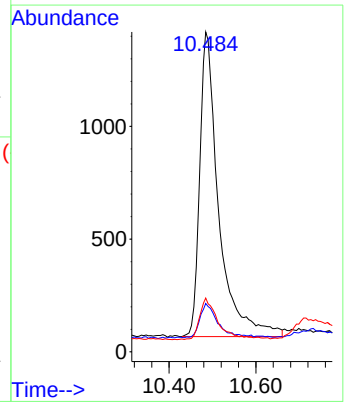


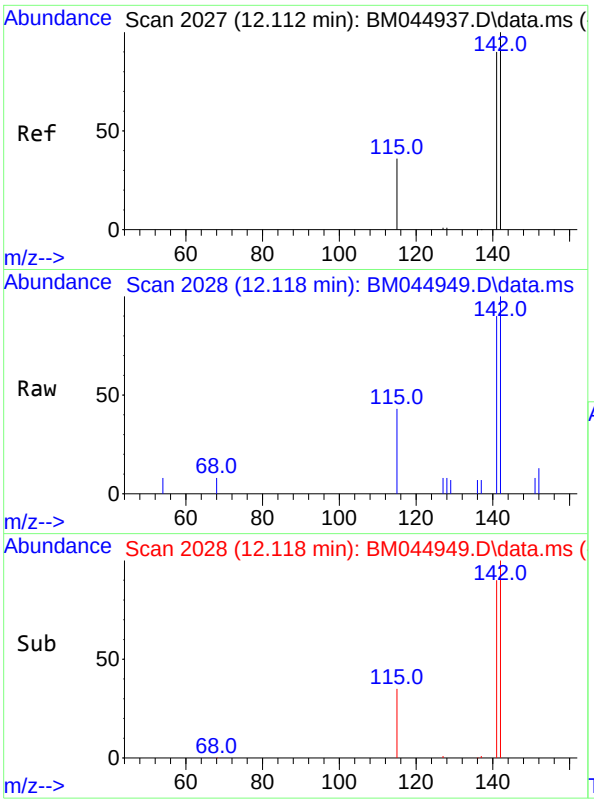


#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.484 min Scan# 1731
Delta R.T. -0.011 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Tgt Ion:128 Resp: 4115

Ion	Ratio	Lower	Upper
128	100		
129	15.2	11.3	16.9
127	16.8	11.9	17.9



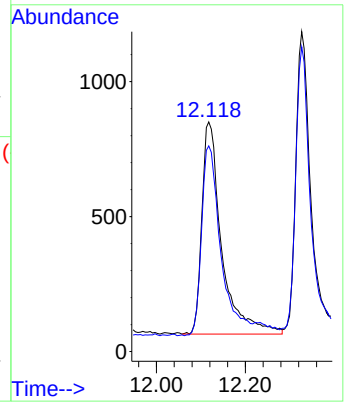


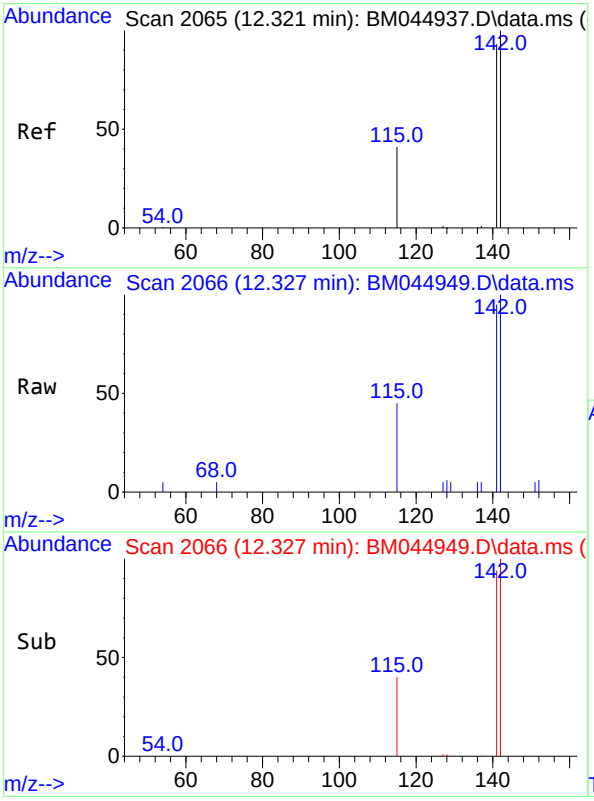
#7
2-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.118 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Instrument :
BNA_M
ClientSampleId :
SLCS017

Tgt Ion:142 Resp: 2432

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.8	110.8

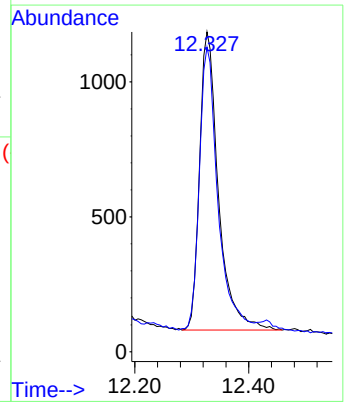


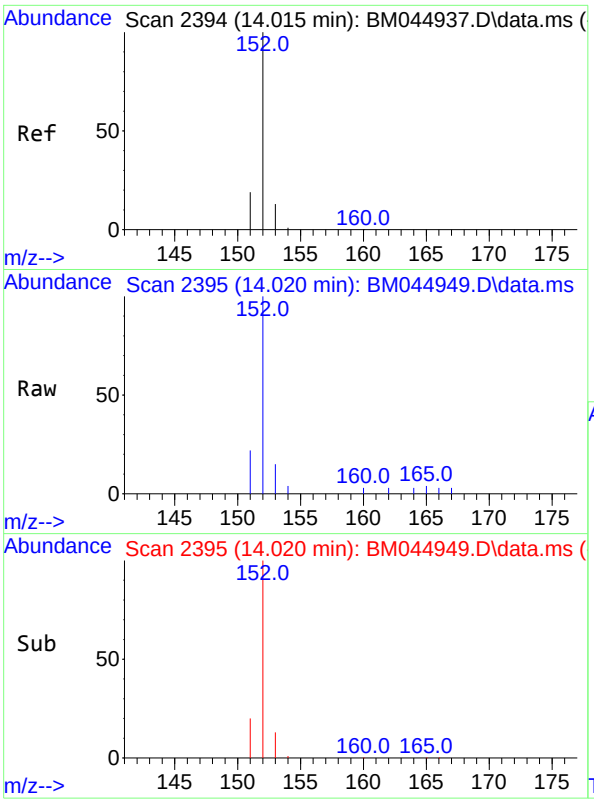


#8
1-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Tgt Ion:142 Resp: 2540

Ion	Ratio	Lower	Upper
142	100		
141	95.4	74.2	111.2



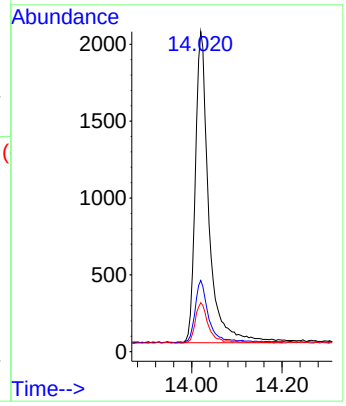


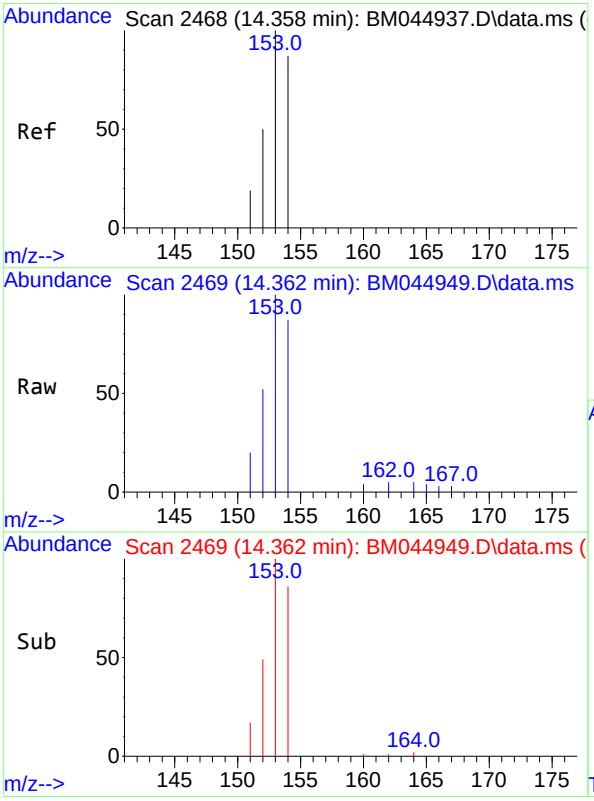
#10
Acenaphthylene
Concen: 0.347 ng/ul
RT: 14.020 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Instrument :
BNA_M
ClientSampleId :
SLCS017

Tgt Ion:152 Resp: 4215

Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.0	25.4
153	15.3	11.9	17.9

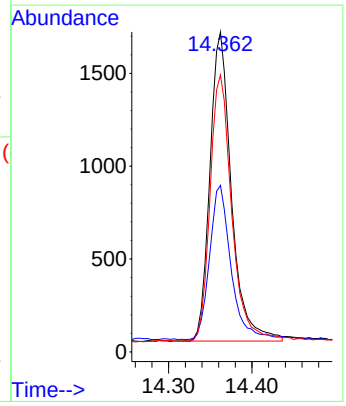


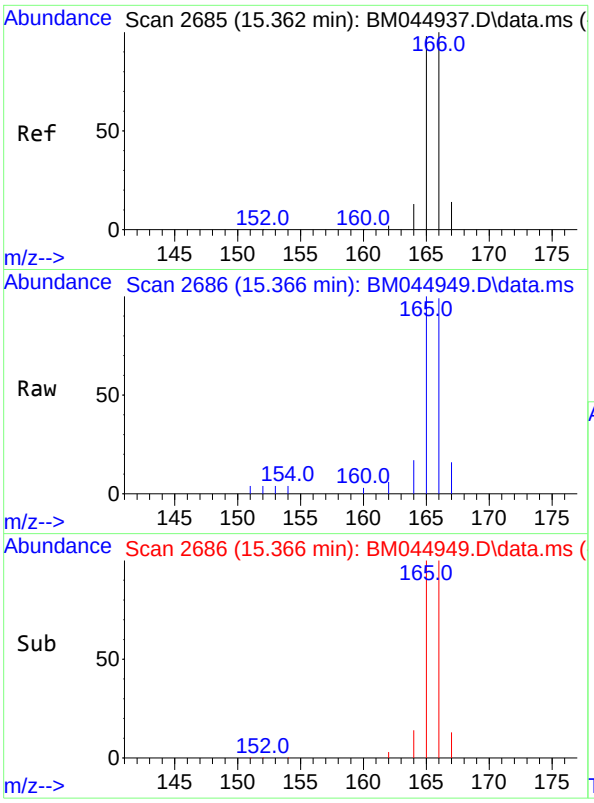


#11
Acenaphthene
Concen: 0.344 ng/ul
RT: 14.362 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Tgt Ion:153 Resp: 2991

Ion	Ratio	Lower	Upper
153	100		
152	52.1	41.2	61.8
154	86.6	69.4	104.0



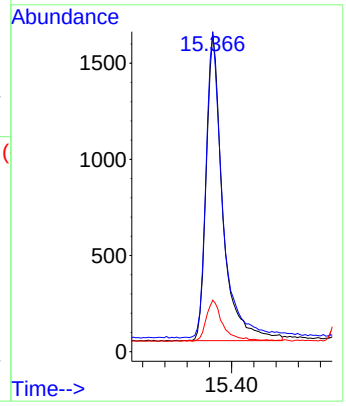


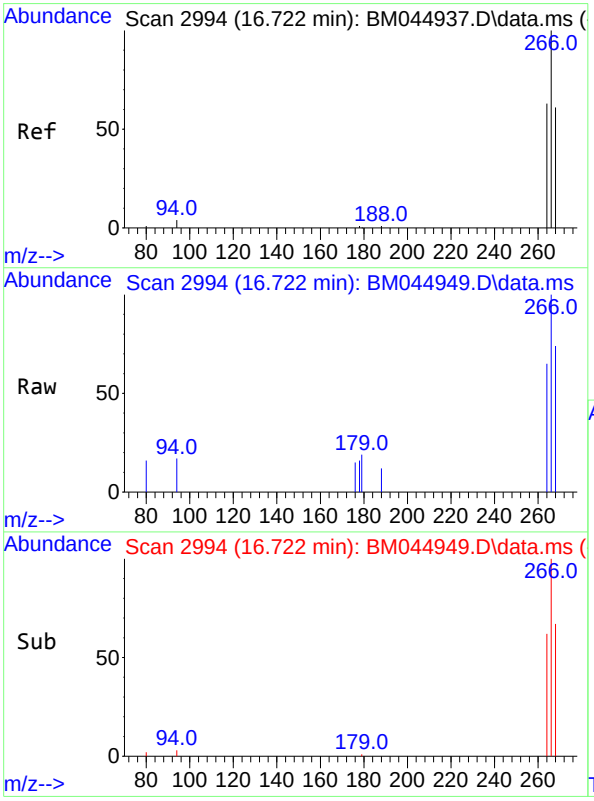
#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.366 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Instrument :
BNA_M
ClientSampleId :
SLCS017

Tgt Ion:166 Resp: 3302

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.9	119.9
167	16.2	12.2	18.2

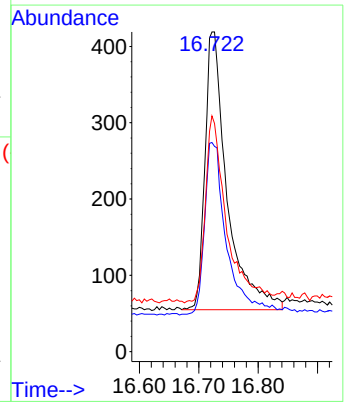


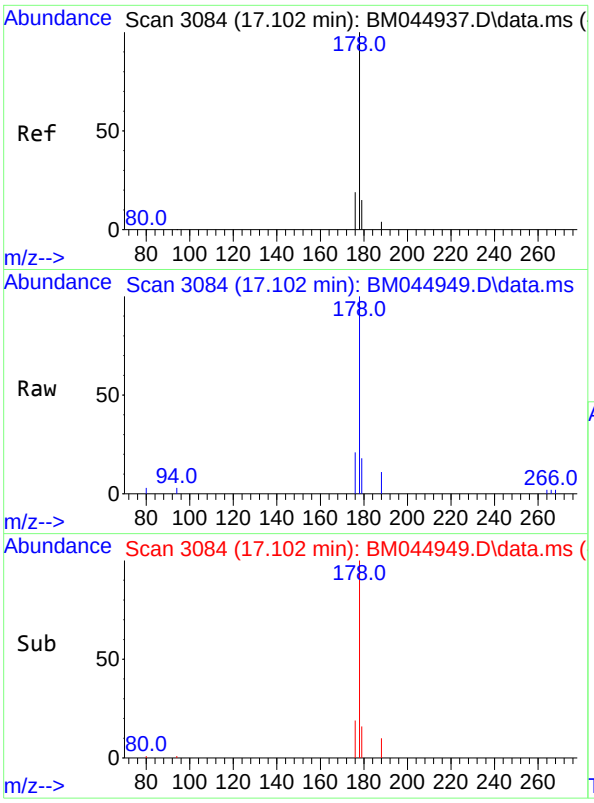


#14
Pentachlorophenol
Concen: 0.715 ng/ul
RT: 16.722 min Scan# 2994
Delta R.T. -0.013 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Tgt Ion:266 Resp: 944

Ion	Ratio	Lower	Upper
266	100		
264	61.4	48.3	72.5
268	64.8	52.6	79.0



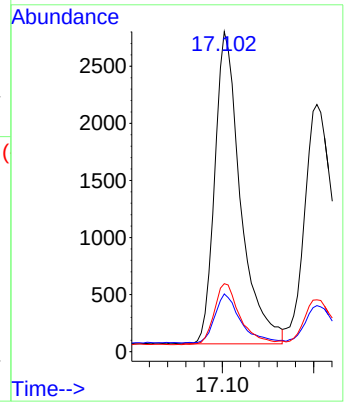


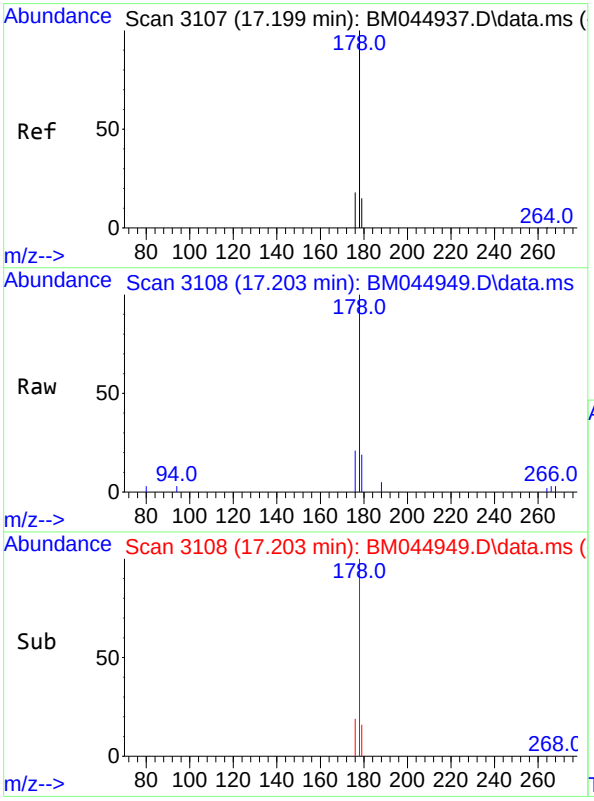
#15
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.102 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Instrument :
BNA_M
ClientSampleId :
SLCS017

Tgt Ion:178 Resp: 5352

Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.7	20.5
176	21.3	17.0	25.4

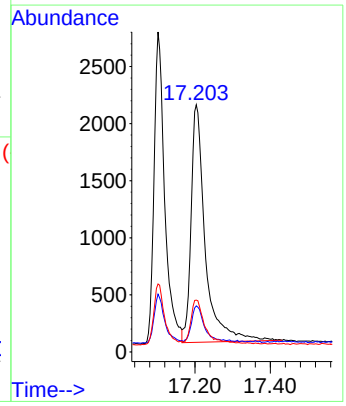


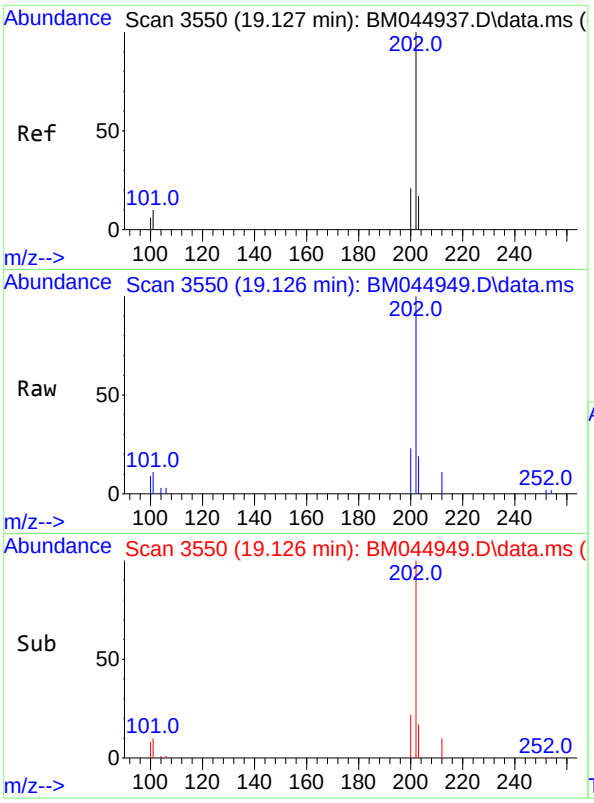


#16
Anthracene
Concen: 0.348 ng/ul
RT: 17.203 min Scan# 3108
Delta R.T. -0.008 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Tgt Ion:178 Resp: 5423

Ion	Ratio	Lower	Upper
178	100		
179	18.7	13.8	20.8
176	21.0	16.2	24.4



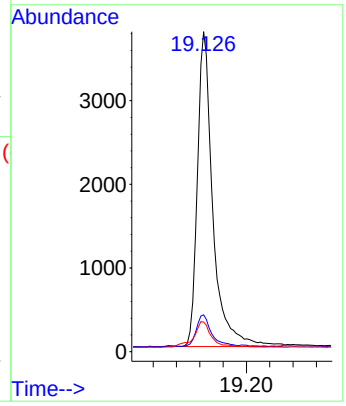


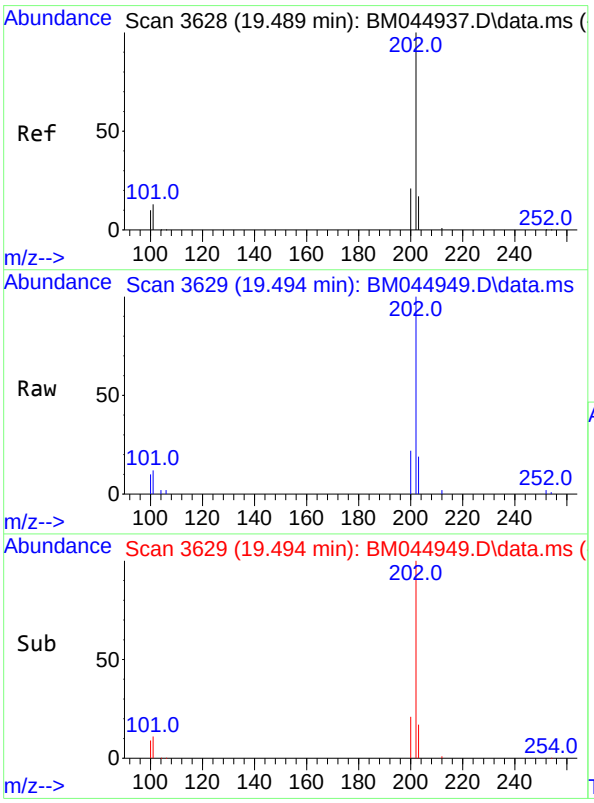
#19
Fluoranthene
Concen: 0.360 ng/ul
RT: 19.126 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Instrument :
BNA_M
ClientSampleId :
SLCS017

Tgt Ion:202 Resp: 6933

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.8	13.2
100	9.3	7.0	10.4

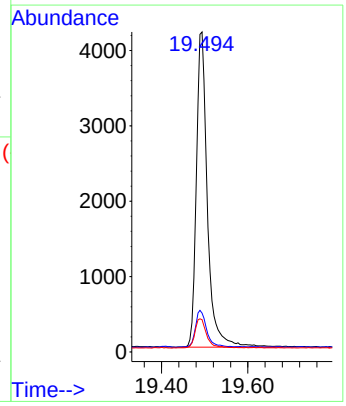


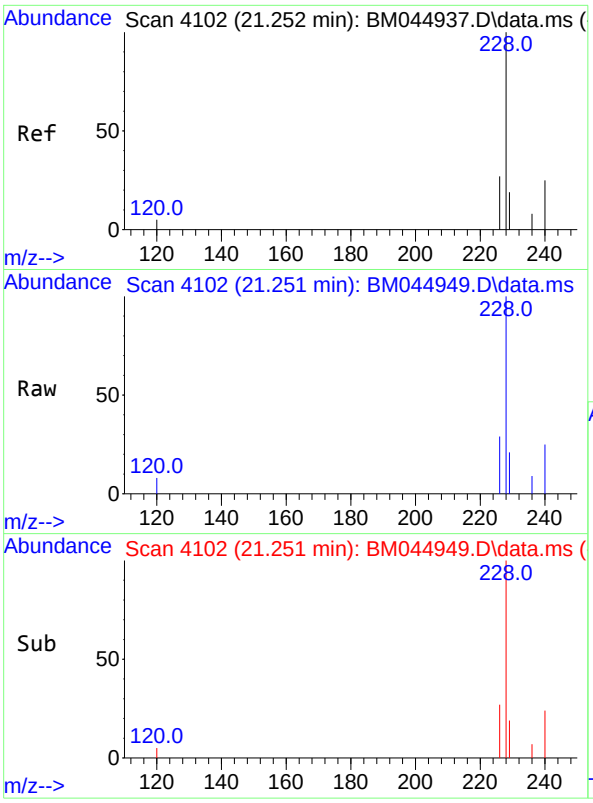


#20
Pyrene
Concen: 0.365 ng/ul
RT: 19.494 min Scan# 3629
Delta R.T. -0.009 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Tgt Ion:202 Resp: 7411

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.6
100	10.1	8.1	12.1



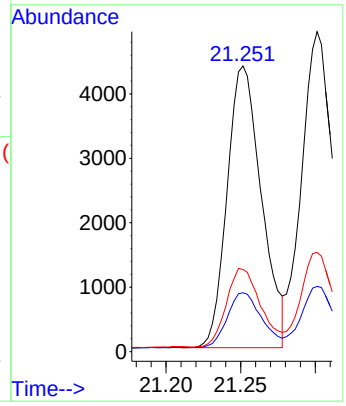


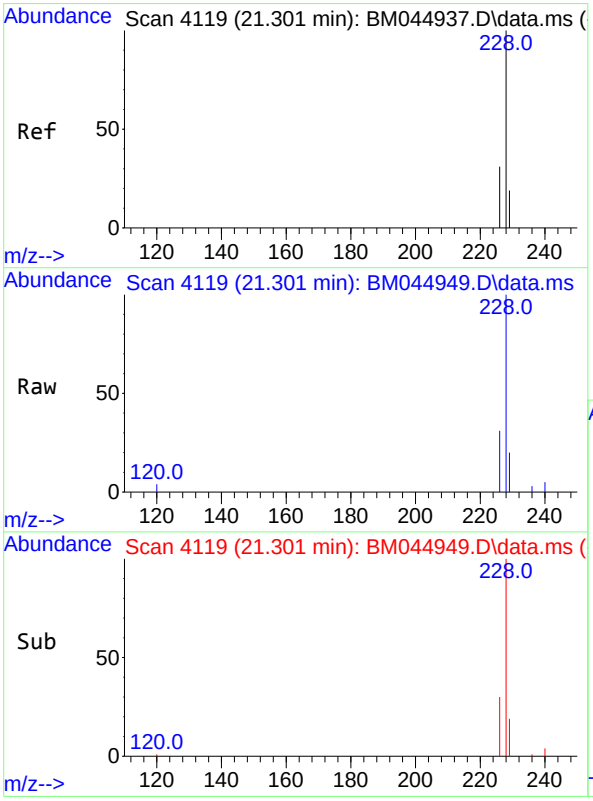
#21
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.251 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Instrument :
BNA_M
ClientSampleId :
SLCS017

Tgt Ion:228 Resp: 7017

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.4	24.6
226	28.8	22.3	33.5

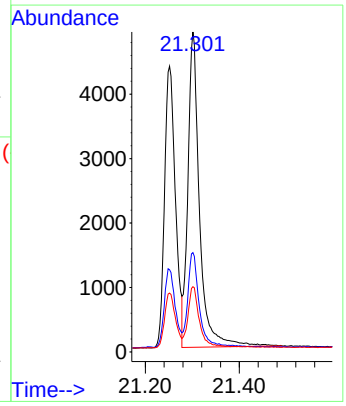


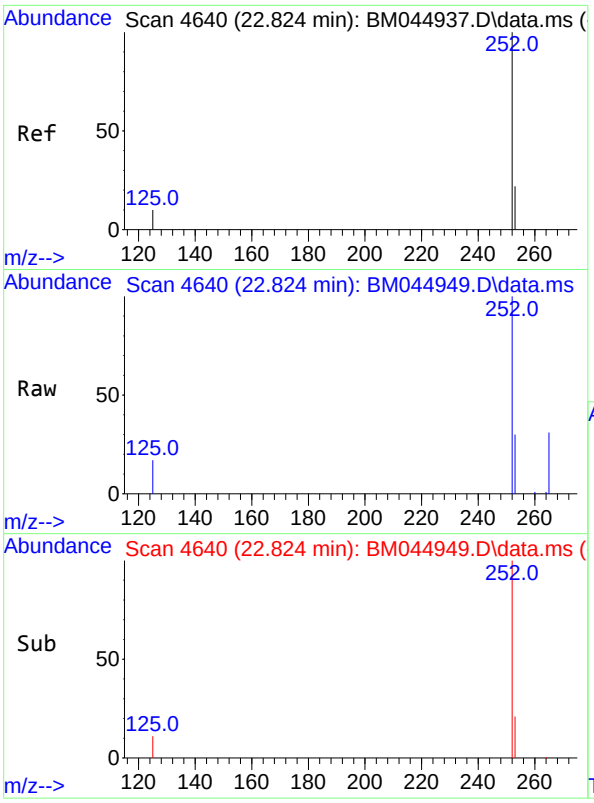


#22
Chrysene
Concen: 0.359 ng/ul
RT: 21.301 min Scan# 4119
Delta R.T. -0.009 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Tgt Ion:228 Resp: 8397

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.4	15.9	23.9



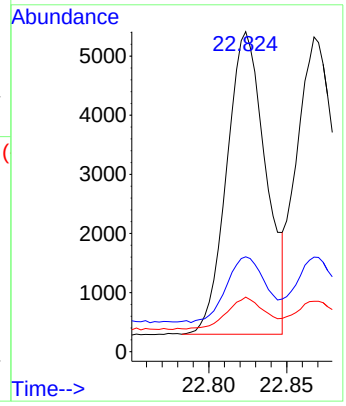


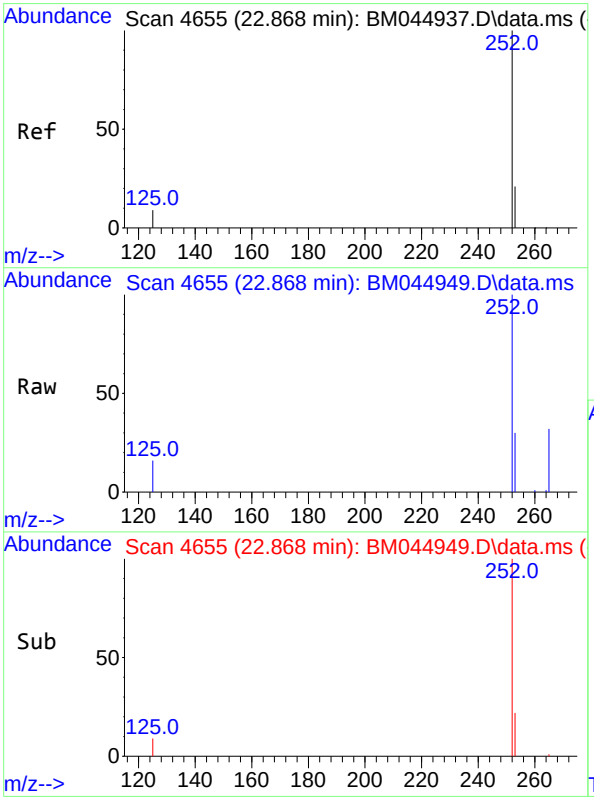
#24
Benzo(b)fluoranthene
Concen: 0.350 ng/ul
RT: 22.824 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Instrument :
BNA_M
ClientSampleId :
SLCS017

Tgt Ion:252 Resp: 8933

Ion	Ratio	Lower	Upper
252	100		
253	29.7	0.0	56.4
125	17.1	0.0	33.4

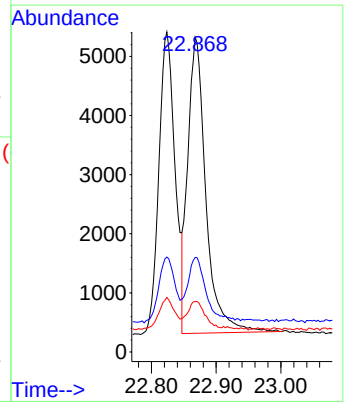


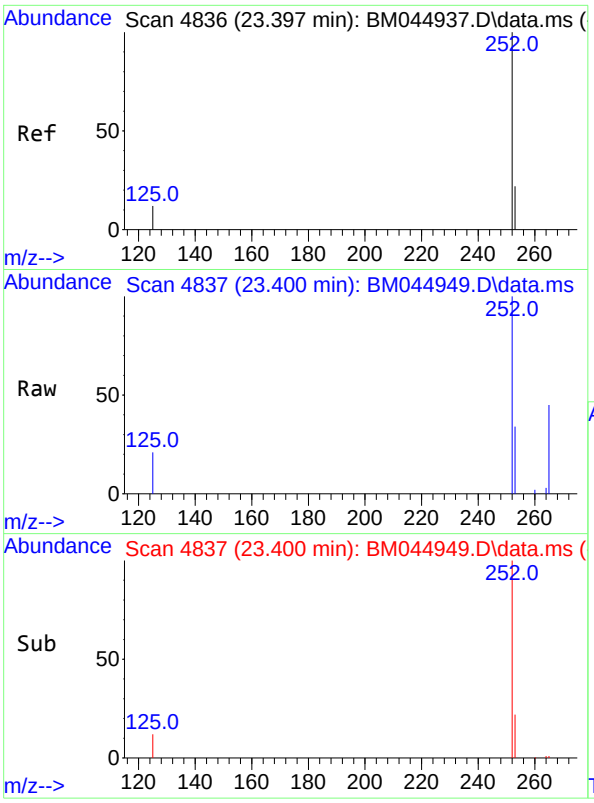


#25
Benzo(k)fluoranthene
Concen: 0.341 ng/ul
RT: 22.868 min Scan# 4655
Delta R.T. -0.015 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Tgt Ion:252 Resp: 9746

Ion	Ratio	Lower	Upper
252	100		
253	30.1	22.3	33.5
125	16.0	11.6	17.4



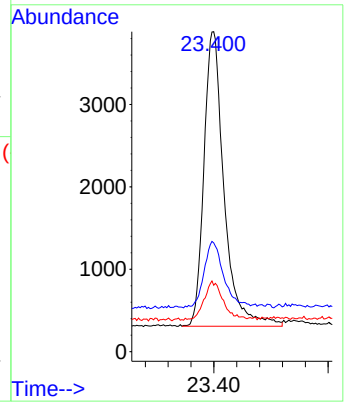


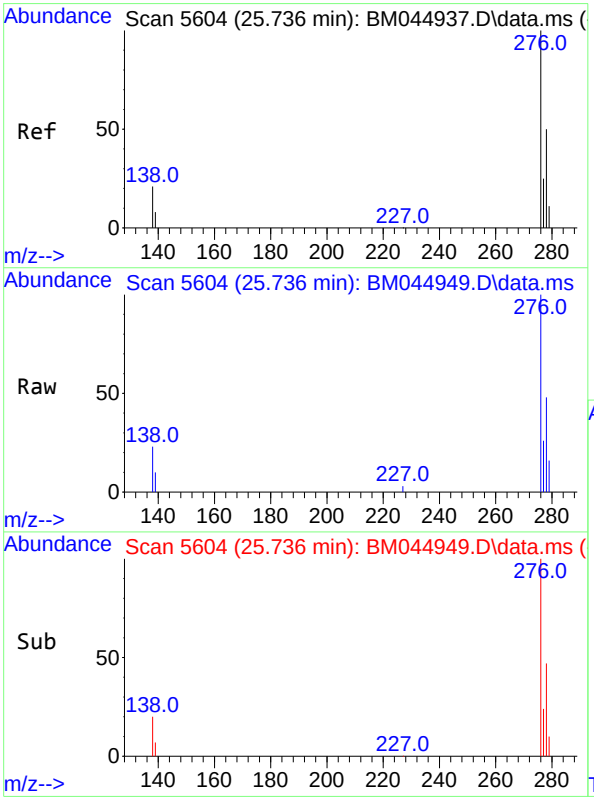
#26
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 23.400 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Instrument :
BNA_M
ClientSampleId :
SLCS017

Tgt Ion:252 Resp: 8739

Ion	Ratio	Lower	Upper
252	100		
253	34.0	24.6	37.0
125	20.8	18.2	27.4

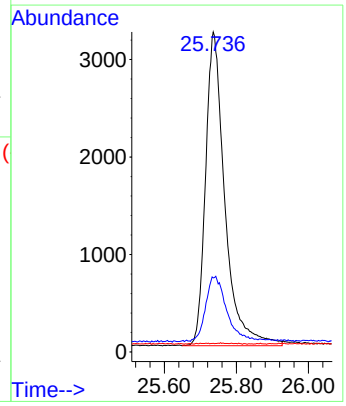


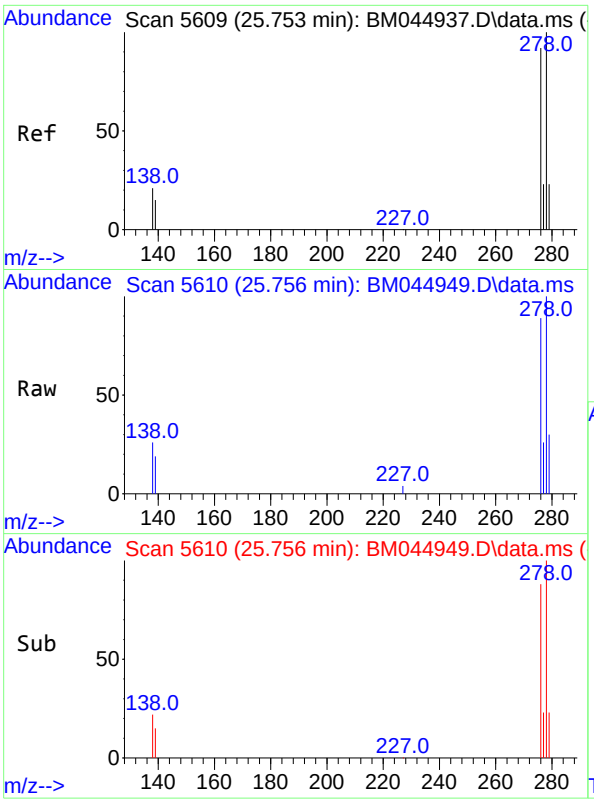


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng/ul
RT: 25.736 min Scan# 5604
Delta R.T. -0.020 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Tgt Ion:276 Resp: 11944

Ion	Ratio	Lower	Upper
276	100		
138	22.4	0.0	0.0#
227	0.0	0.1	0.1#



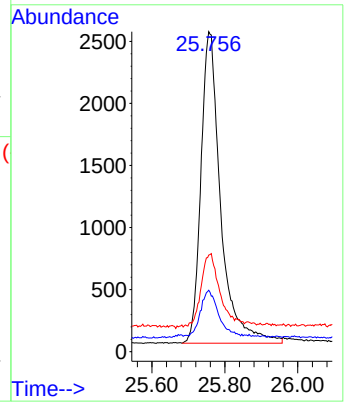


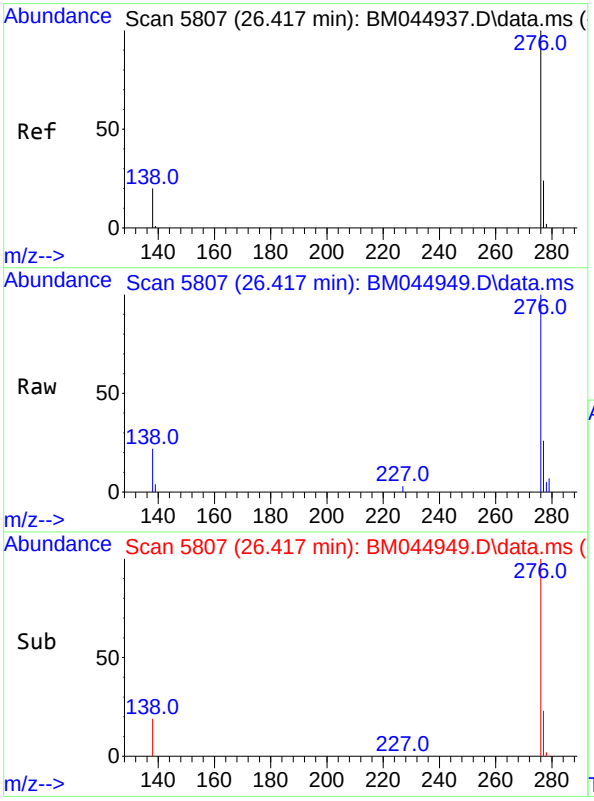
#28
Dibenzo(a,h)anthracene
Concen: 0.356 ng/ul
RT: 25.756 min Scan# 5
Delta R.T. -0.027 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Instrument :
BNA_M
ClientSampleId :
SLCS017

Tgt Ion:278 Resp: 9432

Ion	Ratio	Lower	Upper
278	100		
139	19.2	13.6	20.4
279	30.2	23.0	34.4





#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 26.417 min Scan# 5807
Delta R.T. -0.024 min
Lab File: BM044949.D
Acq: 05 Apr 2024 14:56

Tgt Ion:276 Resp: 10130

Ion	Ratio	Lower	Upper
276	100		
138	22.3	16.8	25.2
277	26.0	20.3	30.5