Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044939.D
Acq On : 05 Apr 2024 08:55
Operator : MA/JU
Sample : PB159840BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS840

Quant Time: Apr 05 10:56:44 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	7.652	152	1568	0.400	ng/ul	0.00
4) Naphthalene-d8	10.430	136	4847	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.297	164	2770	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.056	188	6276	0.400	ng/ul	-0.01
17) Chrysene-d12	21.263	240	5661	0.400	ng/ul	0.00
23) Perylene-d12	23.490	264	7209	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	1589	0.771	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	2586	0.394	ng/ul	-0.02
18) Fluoranthene-d10	19.094	212	6758	0.472	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.251	88	4366	2.211	ng/ul#	80
5) Naphthalene	10.479	128	5321	0.414	ng/ul	98
7) 2-Methylnaphthalene	12.112	142	3258	0.424	ng/ul	98
8) 1-Methylnaphthalene	12.327	142	3446	0.411	ng/ul	100
10) Acenaphthylene	14.015	152	5772	0.418	ng/ul	98
11) Acenaphthene	14.358	153	4192	0.424	ng/ul	99
12) Fluorene	15.361	166	4756	0.429	ng/ul	100
14) Pentachlorophenol	16.718	266	1544	1.049	ng/ul	99
15) Phenanthrene	17.098	178	7792	0.441	ng/ul	99
16) Anthracene	17.199	178	7803	0.448	ng/ul	100
19) Fluoranthene	19.127	202	9936	0.491	ng/ul	99
20) Pyrene	19.489	202	10498	0.491	ng/ul	98
21) Benzo(a)anthracene	21.249	228	9573	0.486	ng/ul	100
22) Chrysene	21.301	228	11305	0.460	ng/ul	99
24) Benzo(b)fluoranthene	22.824	252	11730	0.451	ng/ul	98
25) Benzo(k)fluoranthene	22.868	252	13170	0.452	ng/ul	100
26) Benzo(a)pyrene	23.394	252	11376	0.458	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.733	276	15434	0.453	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.753	278	12171	0.451	ng/ul	99
29) Benzo(g,h,i)perylene	26.417	276	12922	0.440	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044939.D
Acq On : 05 Apr 2024 08:55
Operator : MA/JU
Sample : PB159840BS
Misc :
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Instrument :
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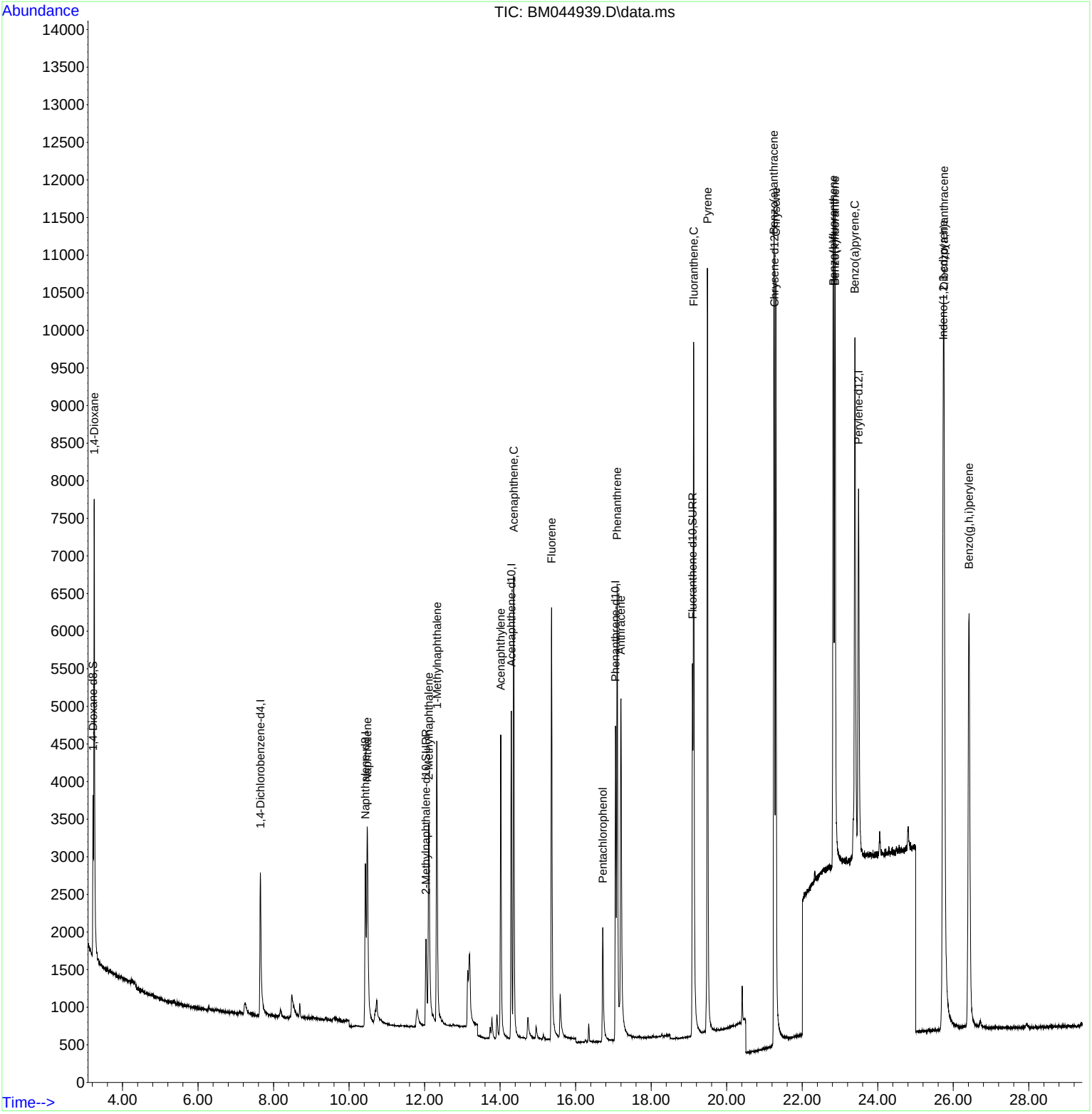
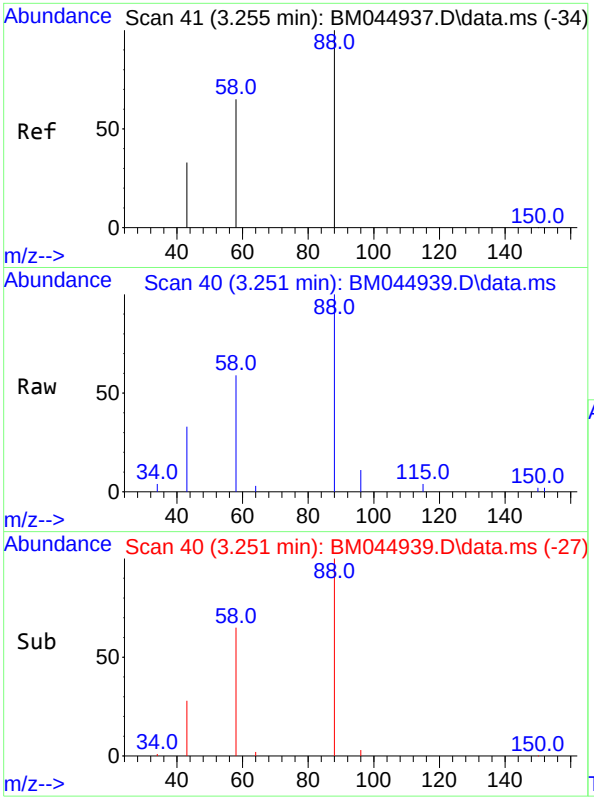
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 23:34:03 2024
Response via : Initial Calibration



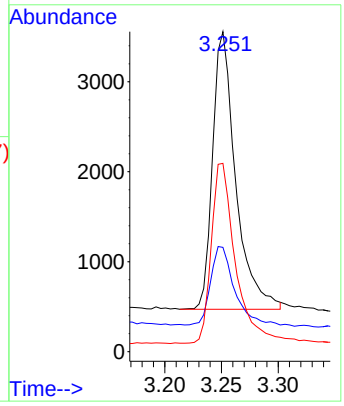


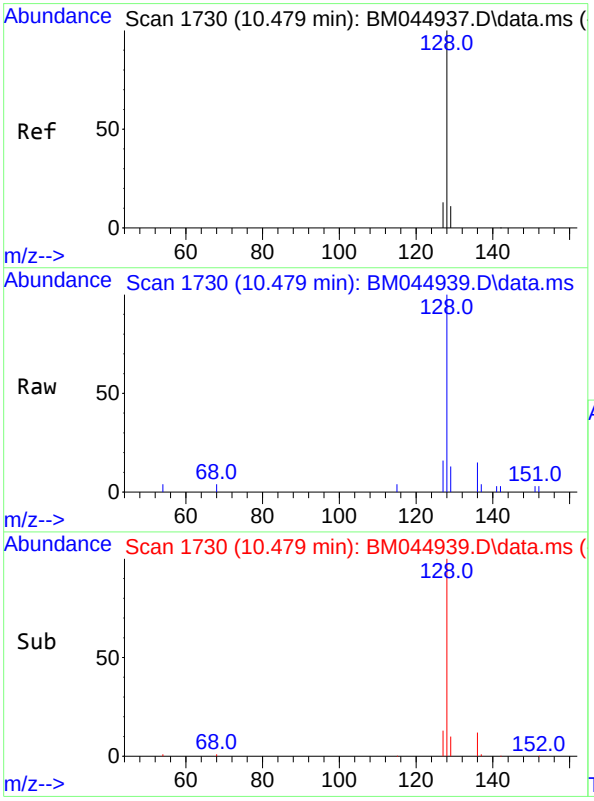
#2
1,4-Dioxane
Concen: 2.211 ng/ul
RT: 3.251 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Instrument :
BNA_M
ClientSampleId :
SLCS840

Tgt Ion: 88 Resp: 4366

Ion	Ratio	Lower	Upper
88	100		
43	32.6	30.6	46.0
58	58.9	32.6	48.8#

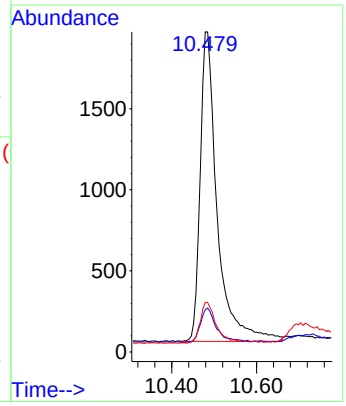


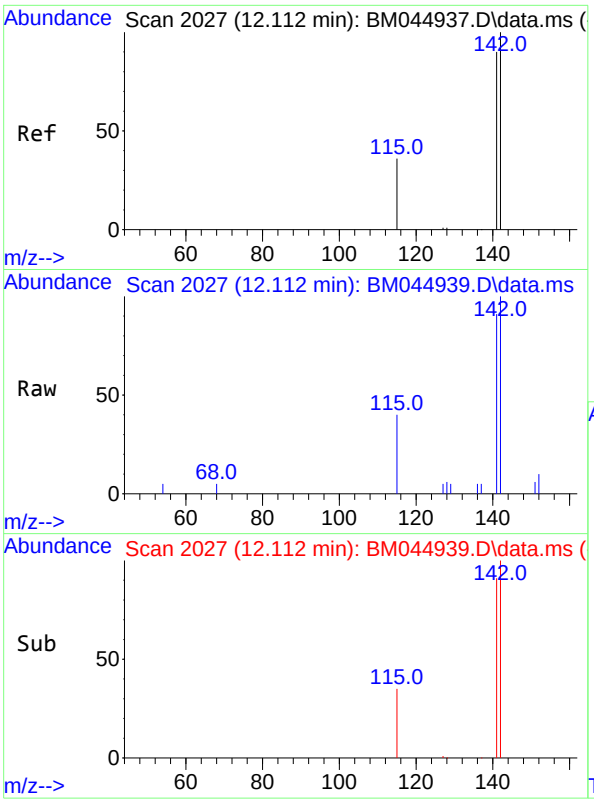


#5
Naphthalene
Concen: 0.414 ng/ul
RT: 10.479 min Scan# 1730
Delta R.T. -0.016 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Tgt Ion:128 Resp: 5321

Ion	Ratio	Lower	Upper
128	100		
129	13.2	11.3	16.9
127	15.5	11.9	17.9



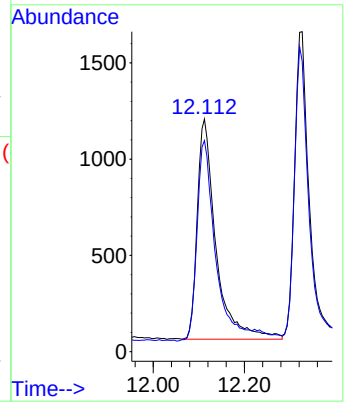


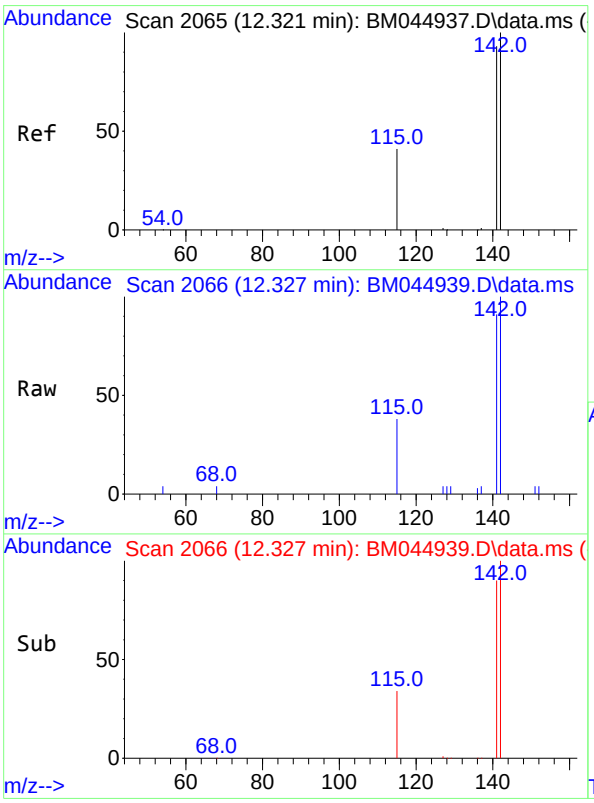
#7
2-Methylnaphthalene
Concen: 0.424 ng/ul
RT: 12.112 min Scan# 2
Delta R.T. -0.016 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Instrument :
BNA_M
ClientSampleId :
SLCS840

Tgt Ion:142 Resp: 3258

Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.8	110.8

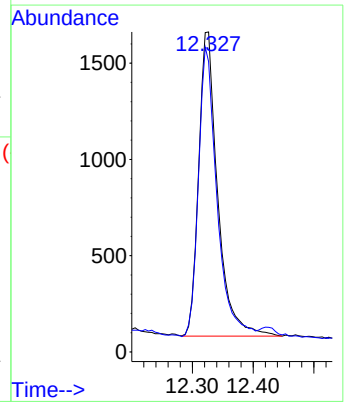


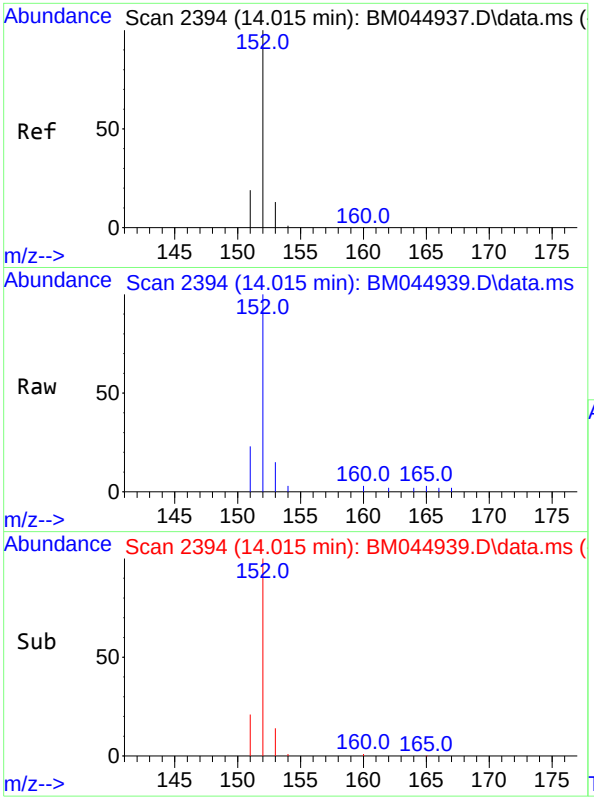


#8
1-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Tgt Ion:142 Resp: 3446

Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.2	111.2



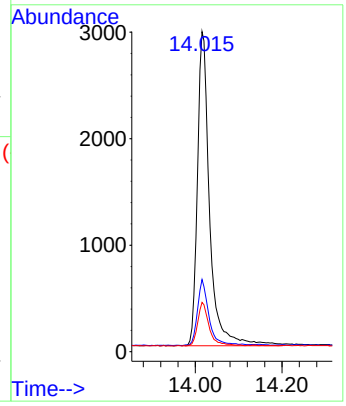


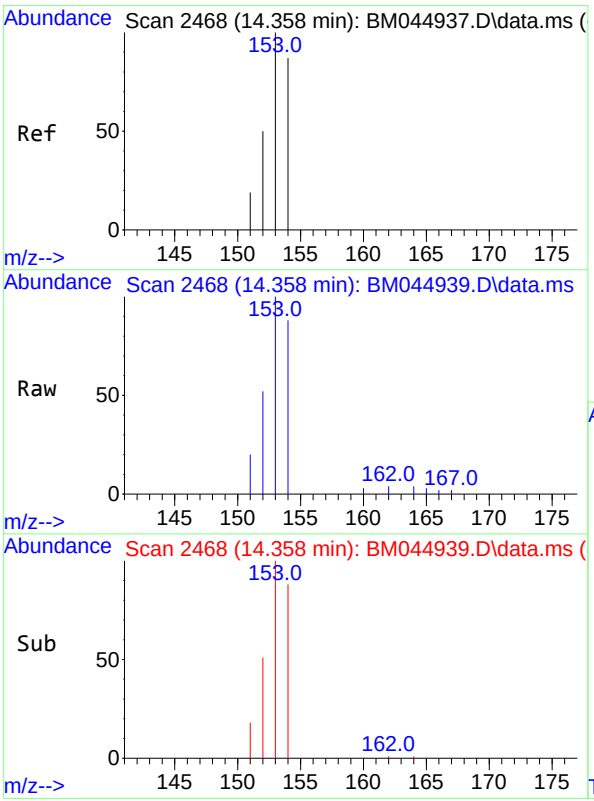
#10
Acenaphthylene
Concen: 0.418 ng/ul
RT: 14.015 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Instrument :
BNA_M
ClientSampleId :
SLCS840

Tgt Ion:152 Resp: 5772

Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.0	25.4
153	15.4	11.9	17.9

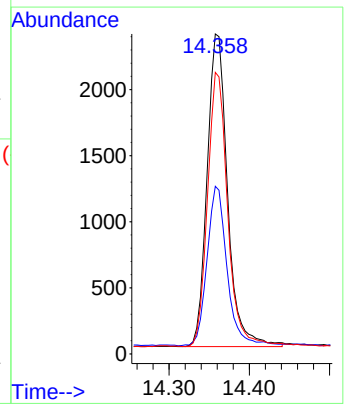


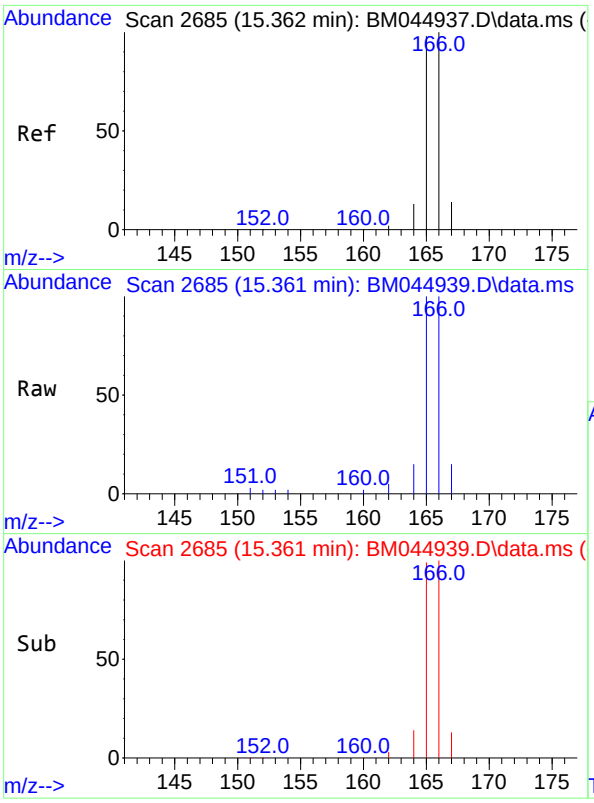


#11
Acenaphthene
Concen: 0.424 ng/ul
RT: 14.358 min Scan# 2468
Delta R.T. -0.009 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Tgt Ion:153 Resp: 4192

Ion	Ratio	Lower	Upper
153	100		
152	52.4	41.2	61.8
154	88.0	69.4	104.0



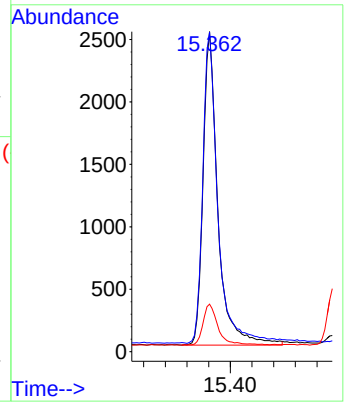


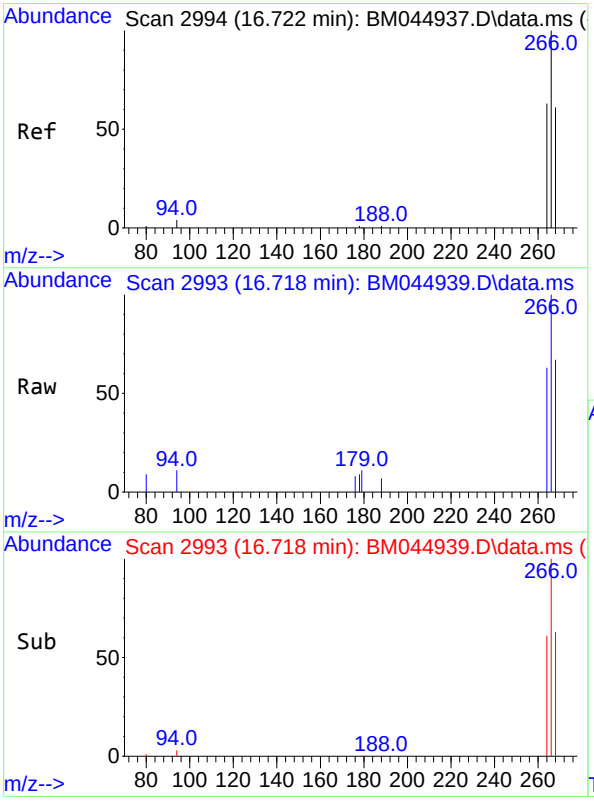
#12
Fluorene
Concen: 0.429 ng/ul
RT: 15.361 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Instrument :
BNA_M
ClientSampleId :
SLCS840

Tgt Ion:166 Resp: 4756

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.9	119.9
167	14.9	12.2	18.2

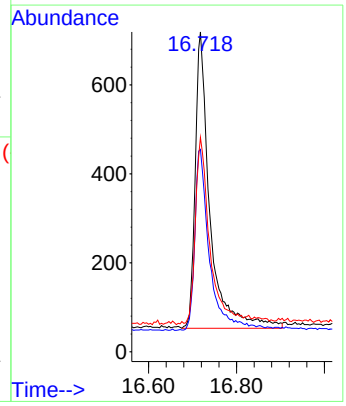


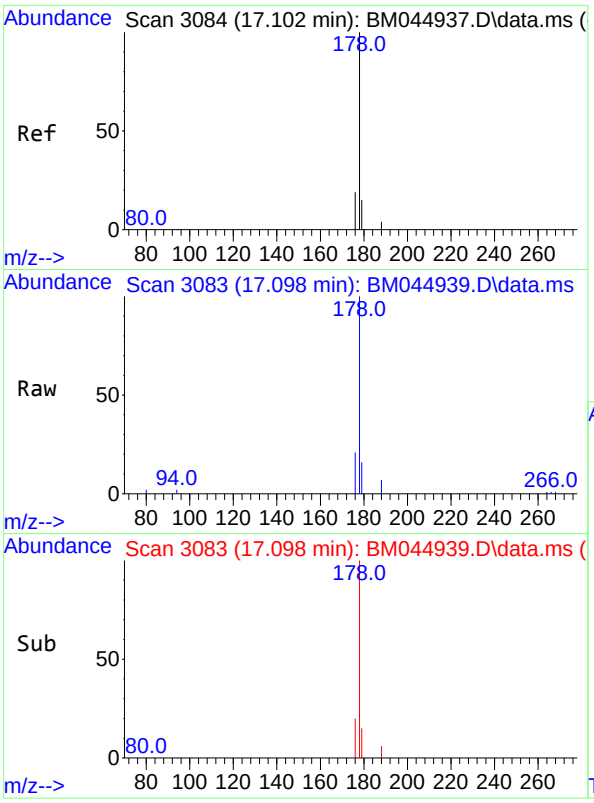


#14
Pentachlorophenol
Concen: 1.049 ng/ul
RT: 16.718 min Scan# 2993
Delta R.T. -0.017 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Tgt Ion:266 Resp: 1544

Ion	Ratio	Lower	Upper
266	100		
264	60.9	48.3	72.5
268	66.4	52.6	79.0



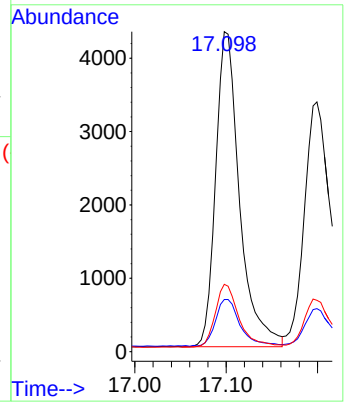


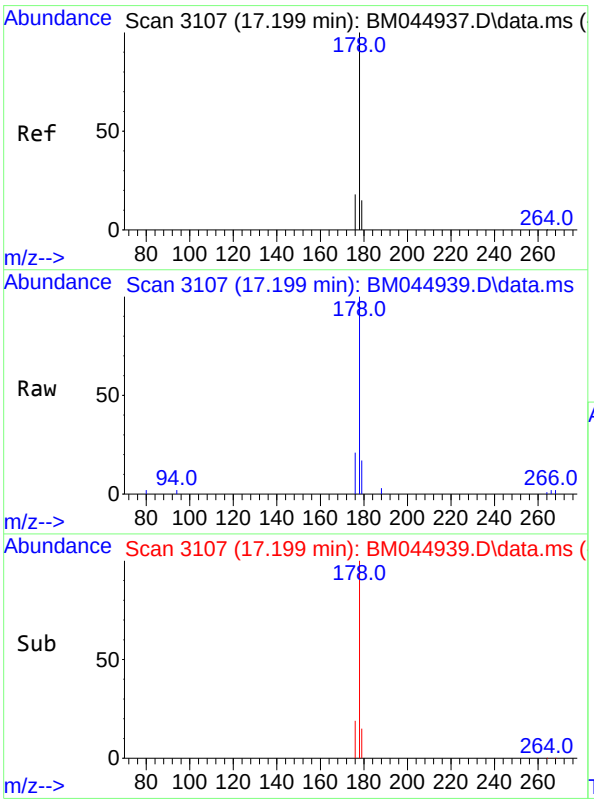
#15
Phenanthrene
Concen: 0.441 ng/ul
RT: 17.098 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Instrument :
BNA_M
ClientSampleId :
SLCS840

Tgt Ion:178 Resp: 7792

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.7	20.5
176	21.1	17.0	25.4

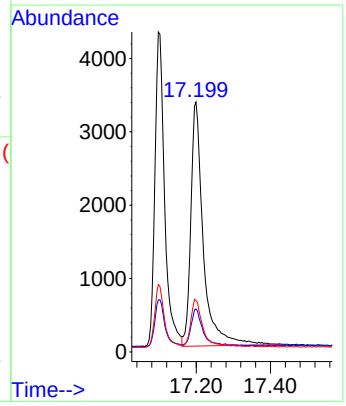


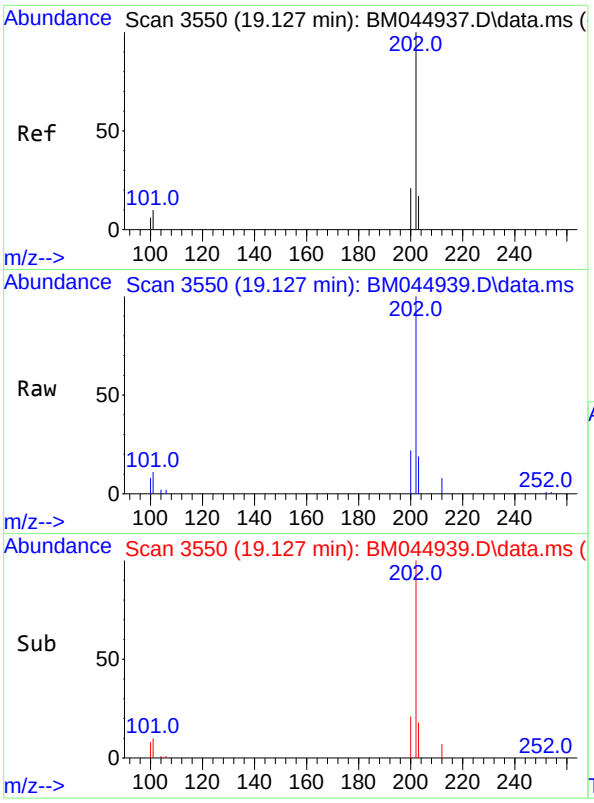


#16
Anthracene
Concen: 0.448 ng/ul
RT: 17.199 min Scan# 3107
Delta R.T. -0.013 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Tgt Ion:178 Resp: 7803

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.8	20.8
176	20.6	16.2	24.4



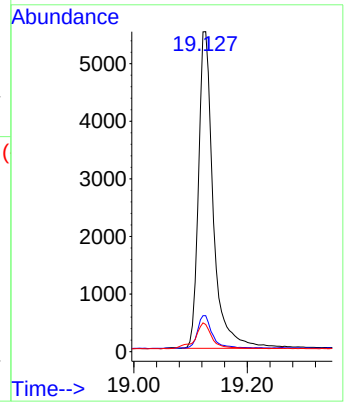


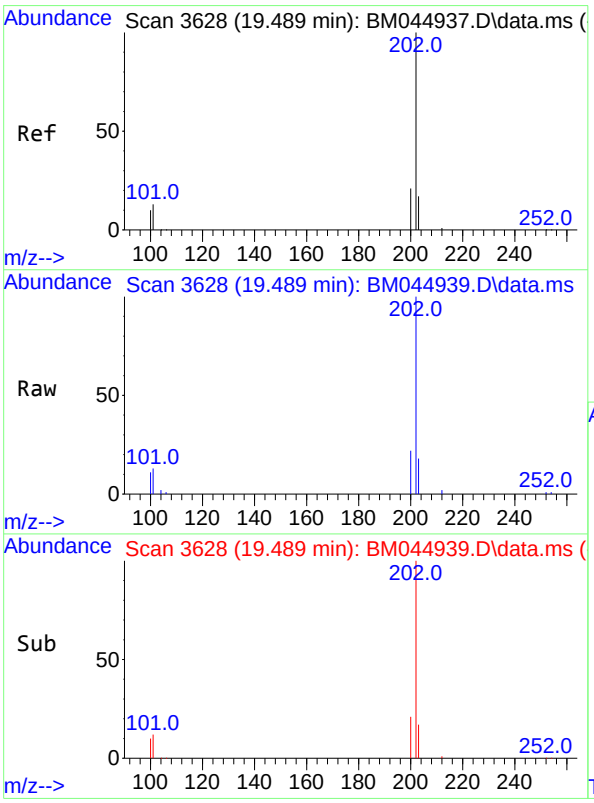
#19
Fluoranthene
Concen: 0.491 ng/ul
RT: 19.127 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Instrument :
BNA_M
ClientSampleId :
SLCS840

Tgt Ion:202 Resp: 9936

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.8	13.2
100	8.5	7.0	10.4

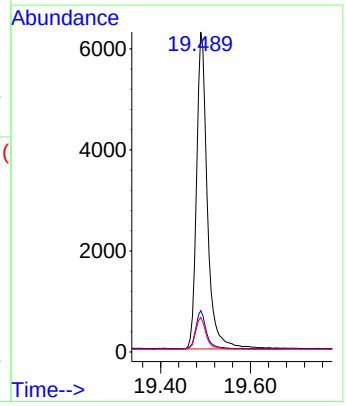


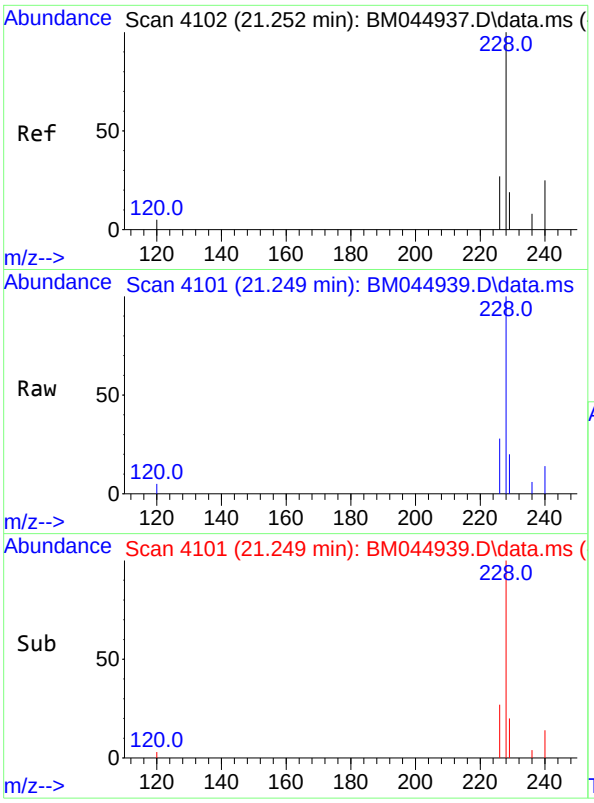


#20
Pyrene
Concen: 0.491 ng/ul
RT: 19.489 min Scan# 3628
Delta R.T. -0.014 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Tgt Ion:202 Resp: 10498

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.8	14.6
100	10.8	8.1	12.1



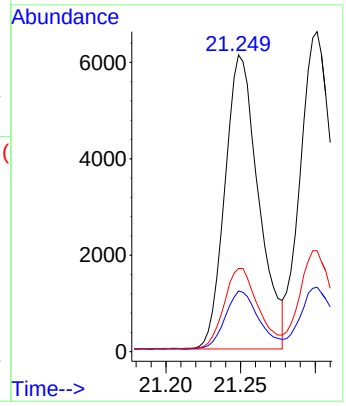


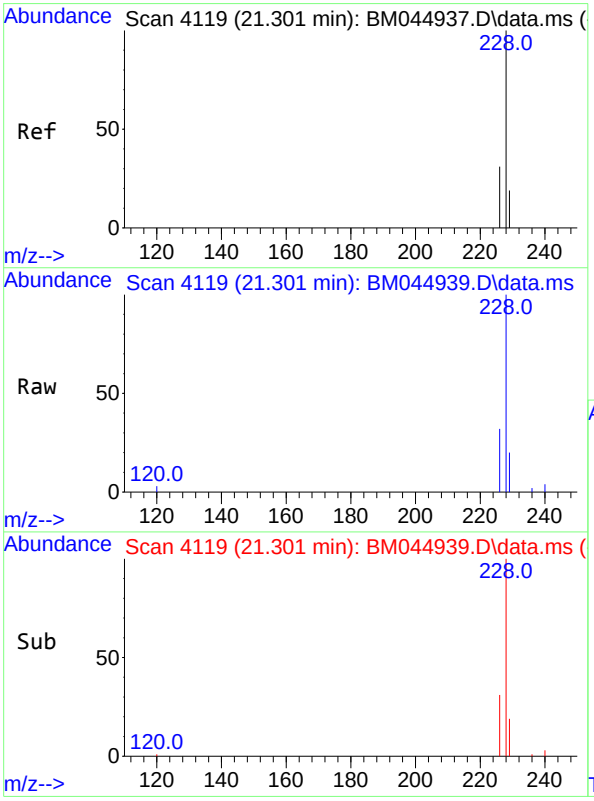
#21
Benzo(a)anthracene
Concen: 0.486 ng/ul
RT: 21.249 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Instrument :
BNA_M
ClientSampleId :
SLCS840

Tgt Ion:228 Resp: 9573

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.4	24.6
226	28.0	22.3	33.5

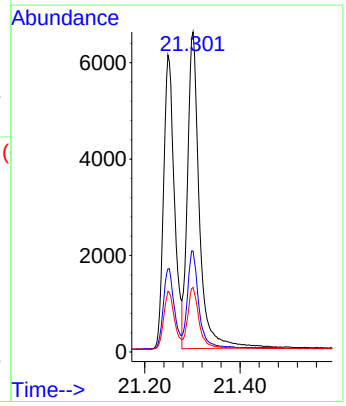


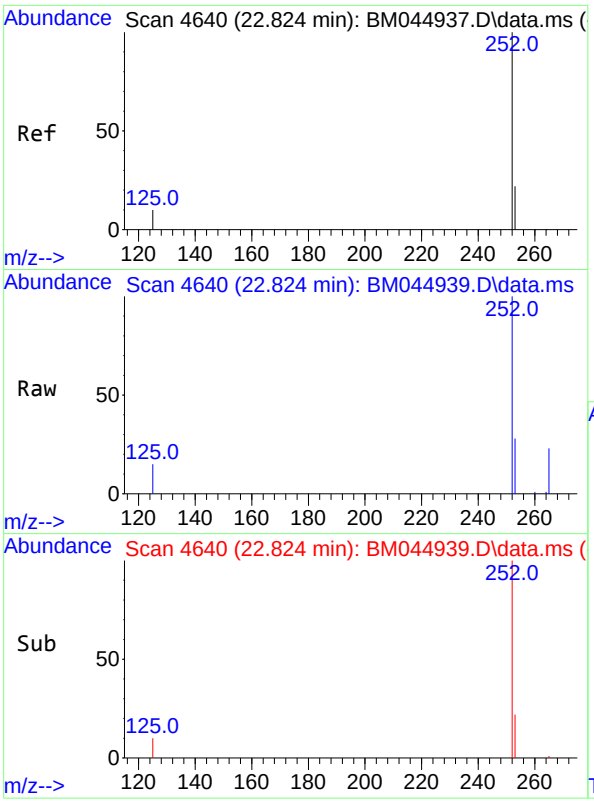


#22
Chrysene
Concen: 0.460 ng/ul
RT: 21.301 min Scan# 4119
Delta R.T. -0.009 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Tgt Ion:228 Resp: 11305

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	20.1	15.9	23.9



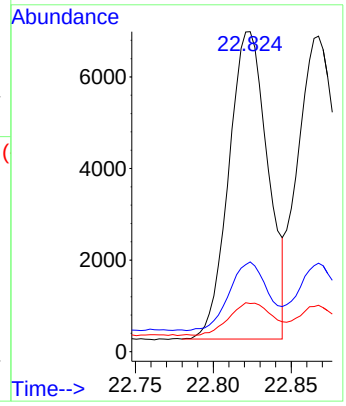


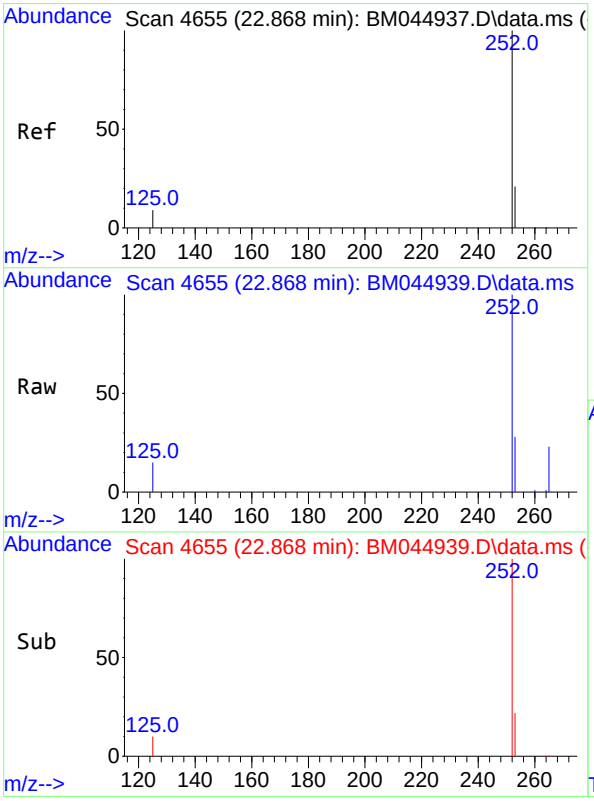
#24
Benzo(b)fluoranthene
Concen: 0.451 ng/ul
RT: 22.824 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Instrument :
BNA_M
ClientSampleId :
SLCS840

Tgt Ion:252 Resp: 11730

Ion	Ratio	Lower	Upper
252	100		
253	28.1	0.0	56.4
125	15.0	0.0	33.4

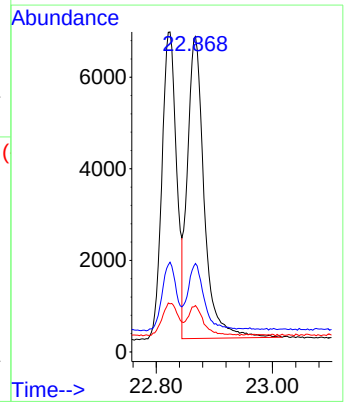


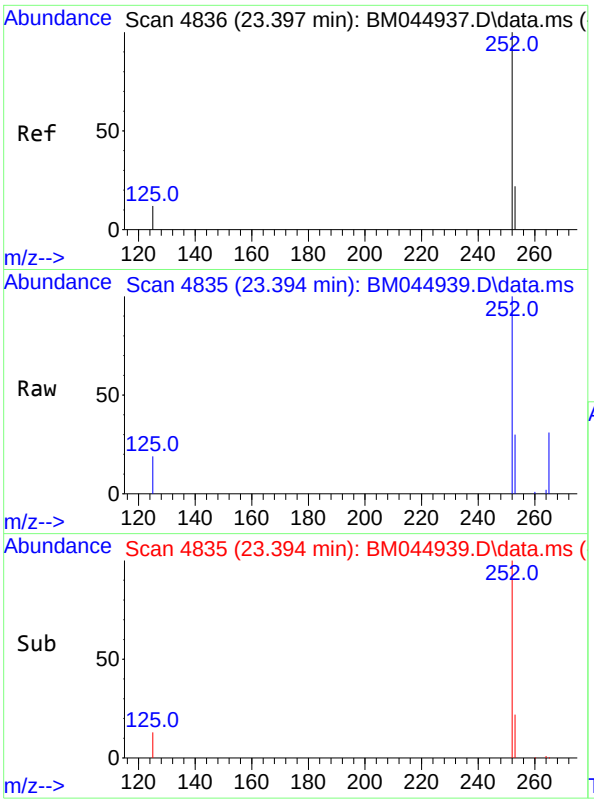


#25
Benzo(k)fluoranthene
Concen: 0.452 ng/ul
RT: 22.868 min Scan# 4655
Delta R.T. -0.015 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Tgt Ion:252 Resp: 13170

Ion	Ratio	Lower	Upper
252	100		
253	28.0	22.3	33.5
125	14.7	11.6	17.4



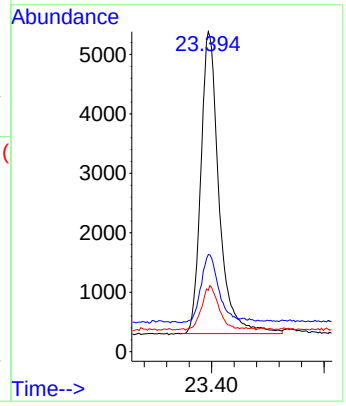


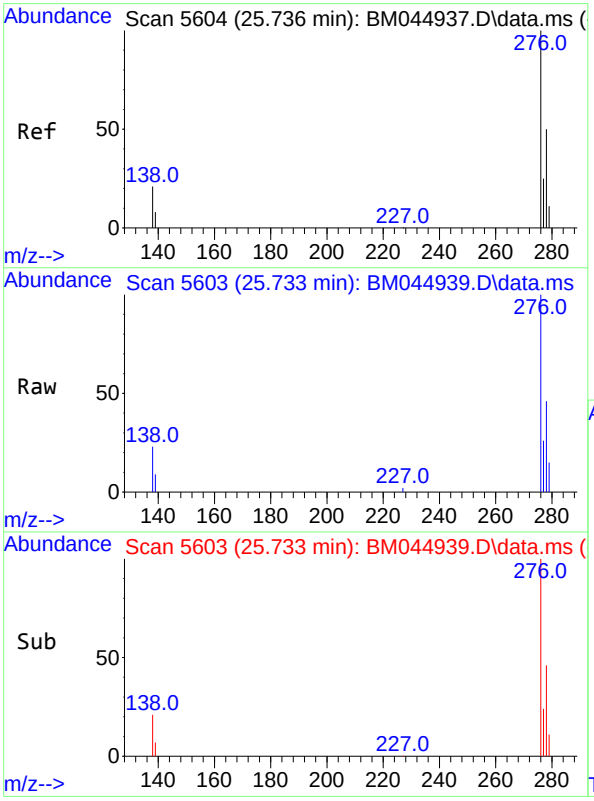
#26
Benzo(a)pyrene
Concen: 0.458 ng/ul
RT: 23.394 min Scan# 4
Delta R.T. -0.020 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Instrument :
BNA_M
ClientSampleId :
SLCS840

Tgt Ion:252 Resp: 11376

Ion	Ratio	Lower	Upper
252	100		
253	30.4	24.6	37.0
125	19.2	18.2	27.4

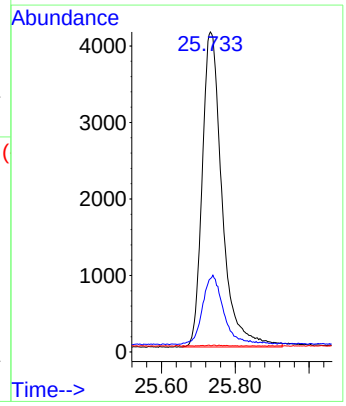


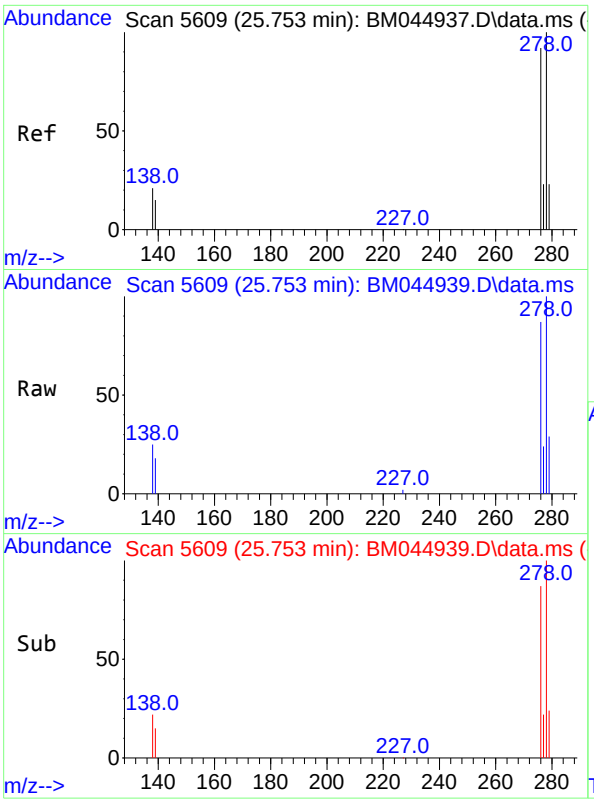


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.453 ng/ul
RT: 25.733 min Scan# 5603
Delta R.T. -0.023 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Tgt Ion:276 Resp: 15434

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



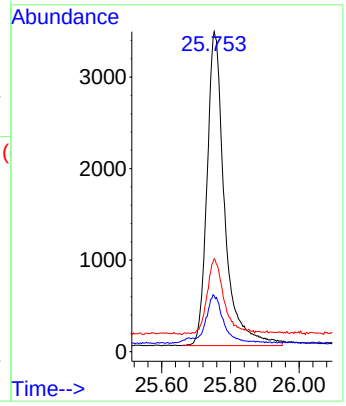


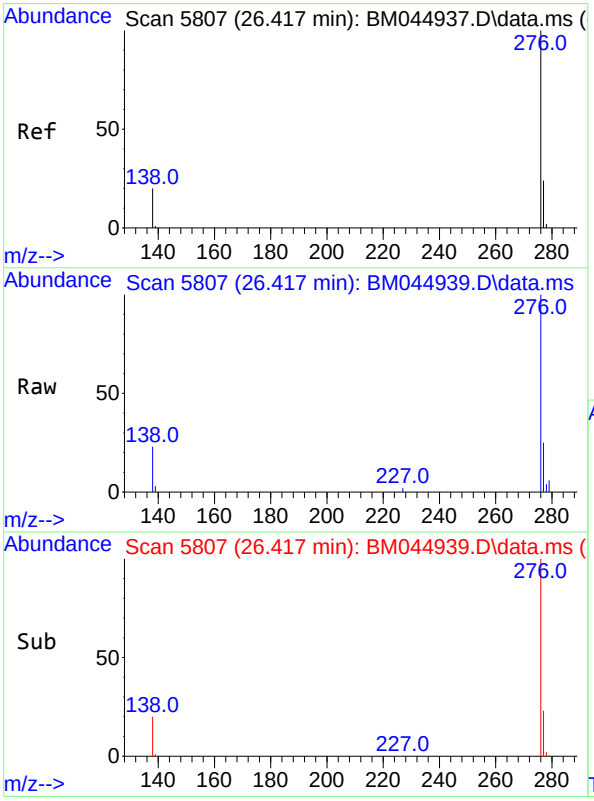
#28
Dibenzo(a,h)anthracene
Concen: 0.451 ng/ul
RT: 25.753 min Scan# 5
Delta R.T. -0.030 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Instrument :
BNA_M
ClientSampleId :
SLCS840

Tgt Ion:278 Resp: 12171

Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.6	20.4
279	29.0	23.0	34.4





#29
Benzo(g,h,i)perylene
Concen: 0.440 ng/ul
RT: 26.417 min Scan# 5807
Delta R.T. -0.023 min
Lab File: BM044939.D
Acq: 05 Apr 2024 08:55

Tgt Ion:276 Resp: 12922

Ion	Ratio	Lower	Upper
276	100		
138	22.8	16.8	25.2
277	24.8	20.3	30.5