Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013124\
Data File : BM043934.D
Acq On : 31 Jan 2024 14:08
Operator : MA/JU
Sample : SSTD1.601
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Quant Time: Jan 31 22:45:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 15:16:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	7624	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	20510	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.566	164	9721	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	19870	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	14796	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	16077	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.365	96	15429	1.573	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	43511	1.618	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	75220	1.619	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.398	88	16509	1.604	ng/ul#	85
5) Naphthalene	10.776	128	93872	1.597	ng/ul	99
7) 2-Methylnaphthalene	12.393	142	56665	1.616	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	56019	1.611	ng/ul	100
10) Acenaphthylene	14.288	152	84717	1.606	ng/ul	99
11) Acenaphthene	14.630	153	58309	1.596	ng/ul	98
12) Fluorene	15.616	166	64611	1.611	ng/ul	99
14) Pentachlorophenol	16.959	266	7480	1.591	ng/ul	96
15) Phenanthrene	17.360	178	98642	1.629	ng/ul	100
16) Anthracene	17.452	178	93374	1.625	ng/ul	99
19) Fluoranthene	19.382	202	110877	1.627	ng/ul	100
20) Pyrene	19.744	202	111145	1.586	ng/ul	100
21) Benzo(a)anthracene	21.503	228	101809	1.648	ng/ul	99
22) Chrysene	21.555	228	102430	1.583	ng/ul	99
24) Benzo(b)fluoranthene	23.195	252	101029	1.643	ng/ul	95
25) Benzo(k)fluoranthene	23.245	252	106663	1.641	ng/ul	95
26) Benzo(a)pyrene	23.821	252	92082	1.644	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.427	276	119932	1.663	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.457	278	96150	1.671	ng/ul	95
29) Benzo(g,h,i)perylene	27.191	276	102089	1.640	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013124\
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Sample : SSTD1.601
Misc :
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Instrument :
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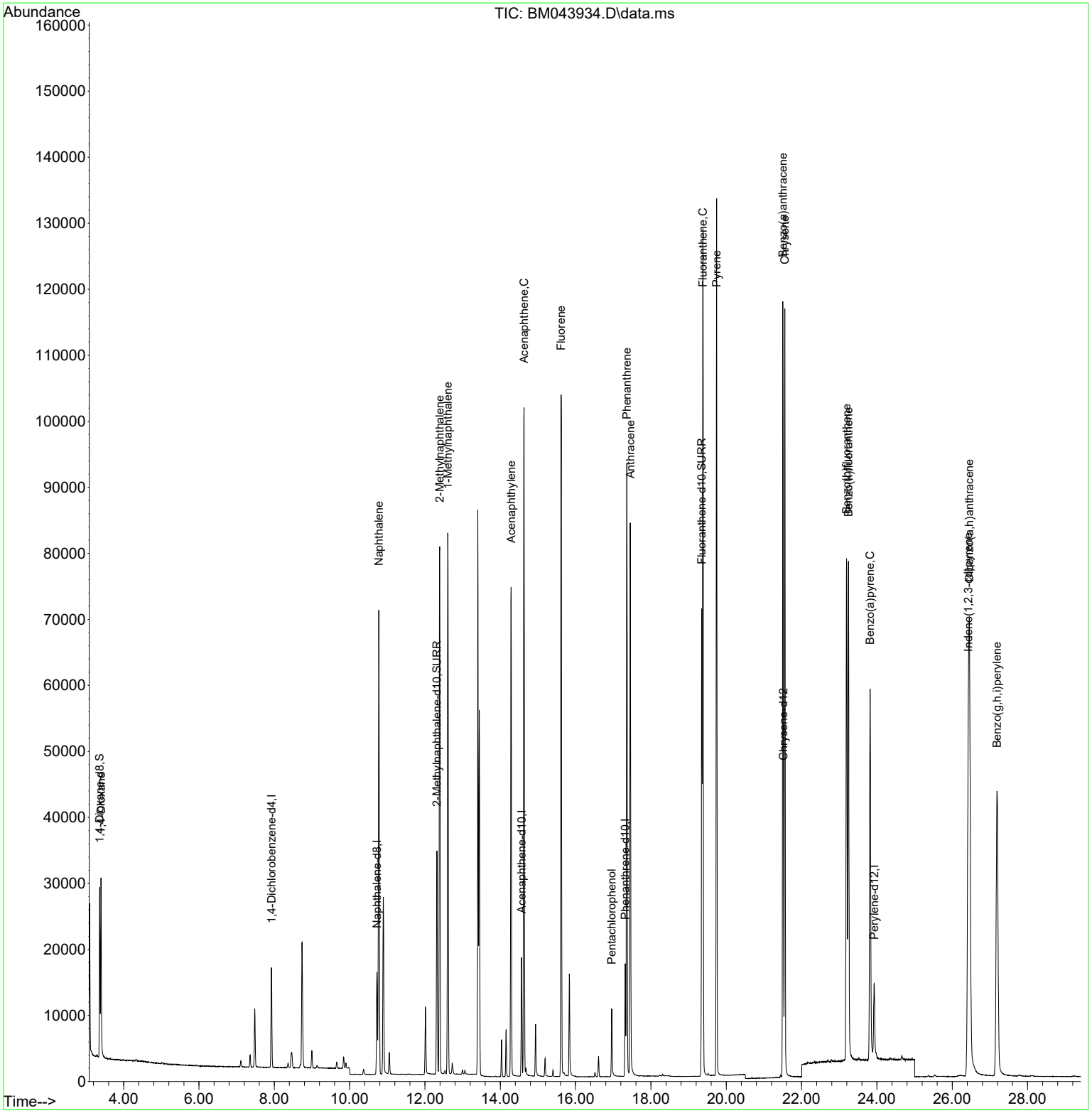
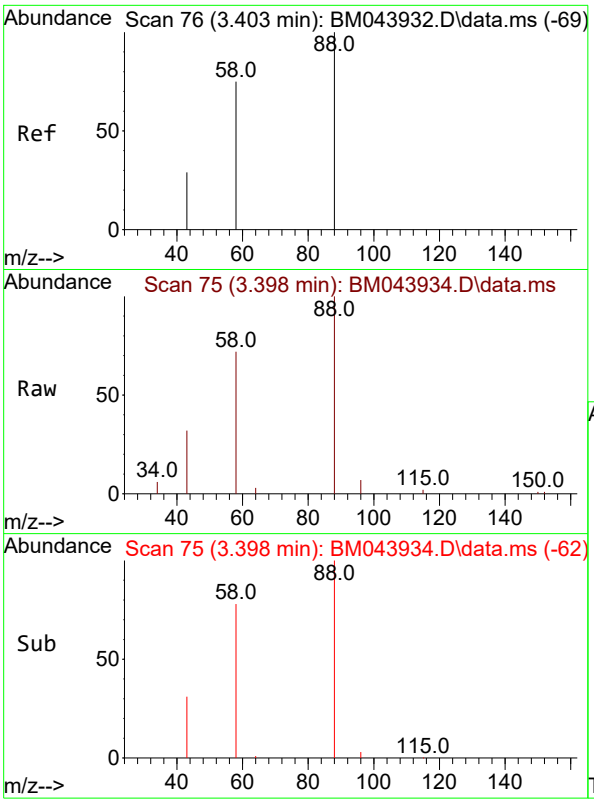
Quant Time: Jan 31 22:45:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 15:16:31 2024
Response via : Initial Calibration



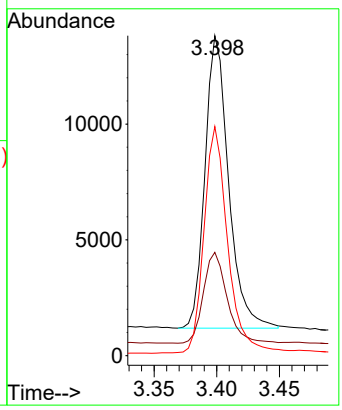


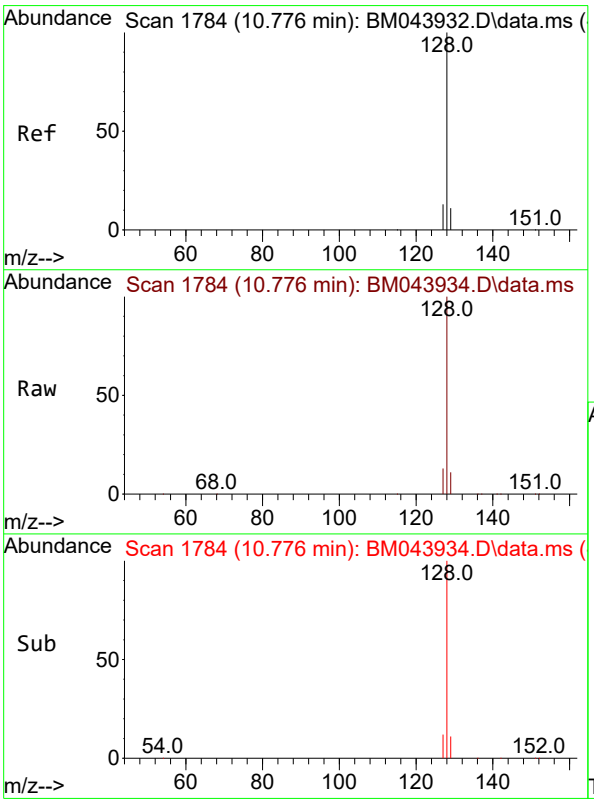
#2
1,4-Dioxane
Concen: 1.604 ng/ul
RT: 3.398 min Scan# 7
Delta R.T. -0.004 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion: 88 Resp: 16509

Ion	Ratio	Lower	Upper
88	100		
43	32.3	27.1	40.7
58	71.6	44.6	67.0#

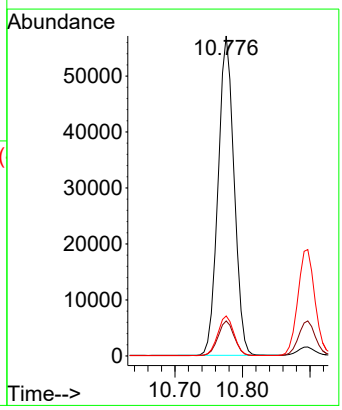


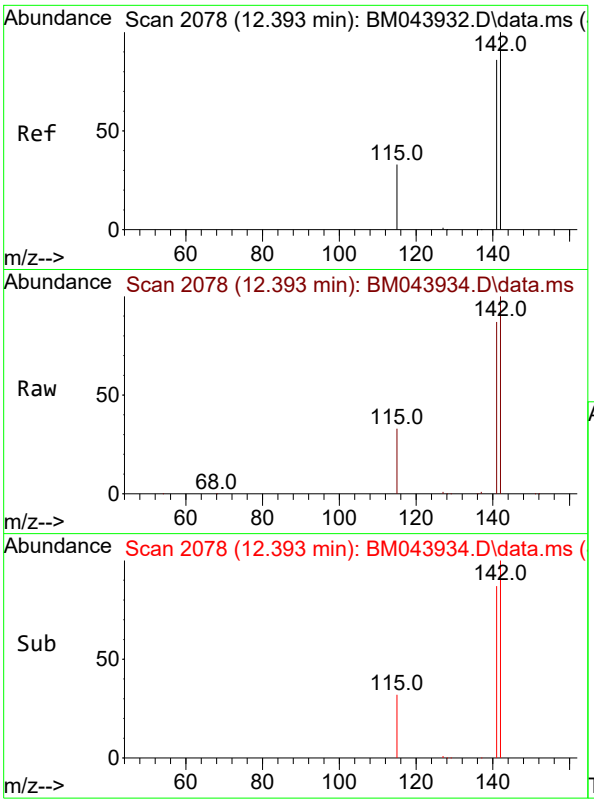


#5
Naphthalene
Concen: 1.597 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Tgt Ion:128 Resp: 93872

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	12.5	10.3	15.5



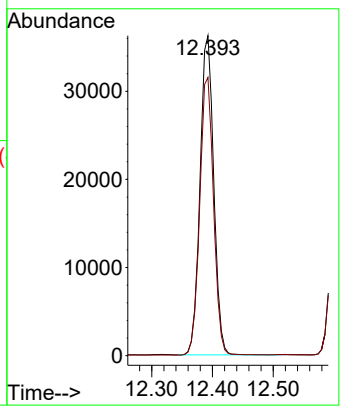


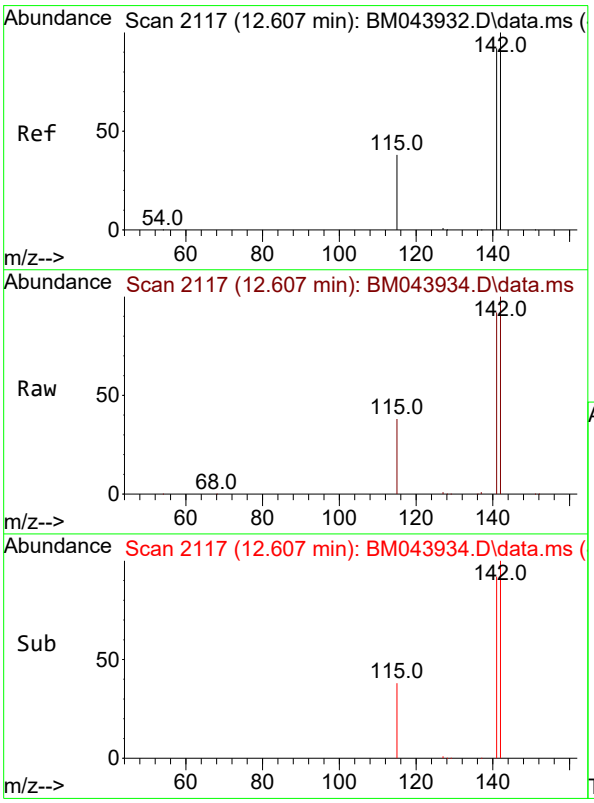
#7
2-Methylnaphthalene
Concen: 1.616 ng/ul
RT: 12.393 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:142 Resp: 56665

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.2	105.4

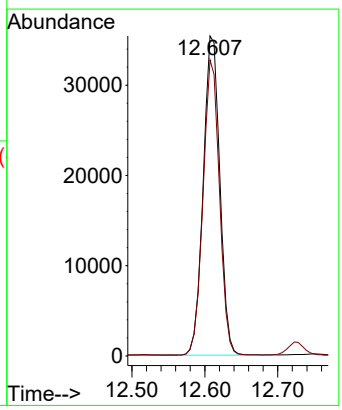


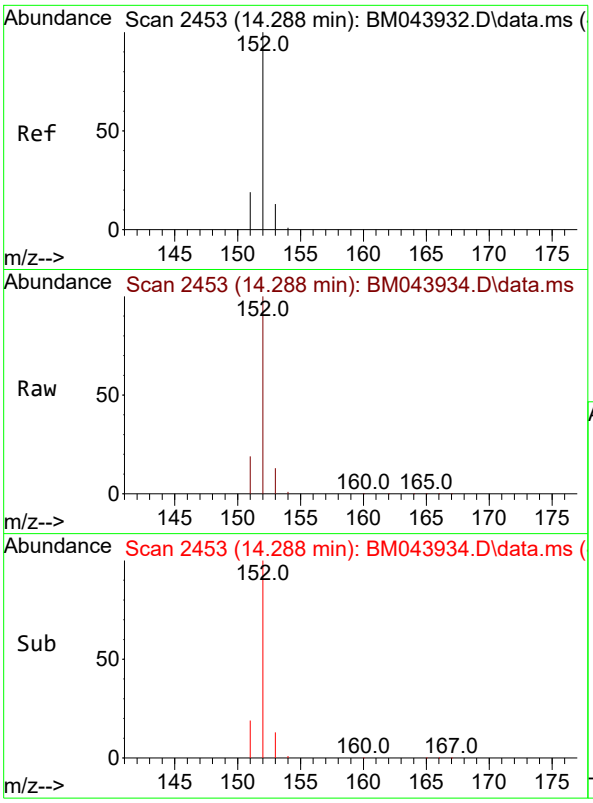


#8
1-Methylnaphthalene
Concen: 1.611 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Tgt Ion:142 Resp: 56019

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.9	109.3



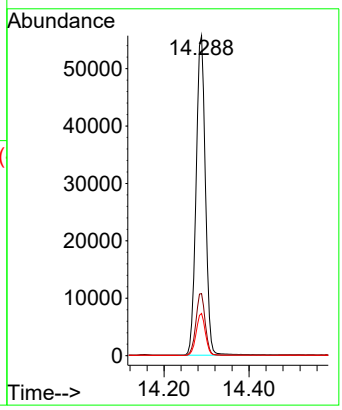


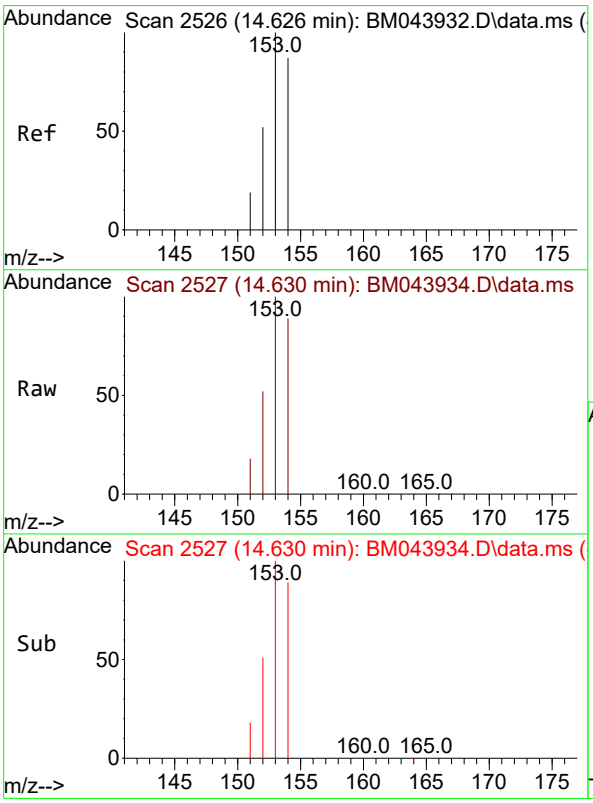
#10
Acenaphthylene
Concen: 1.606 ng/ul
RT: 14.288 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:152 Resp: 84717

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.2	10.9	16.3

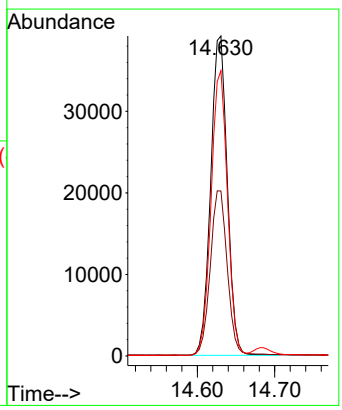


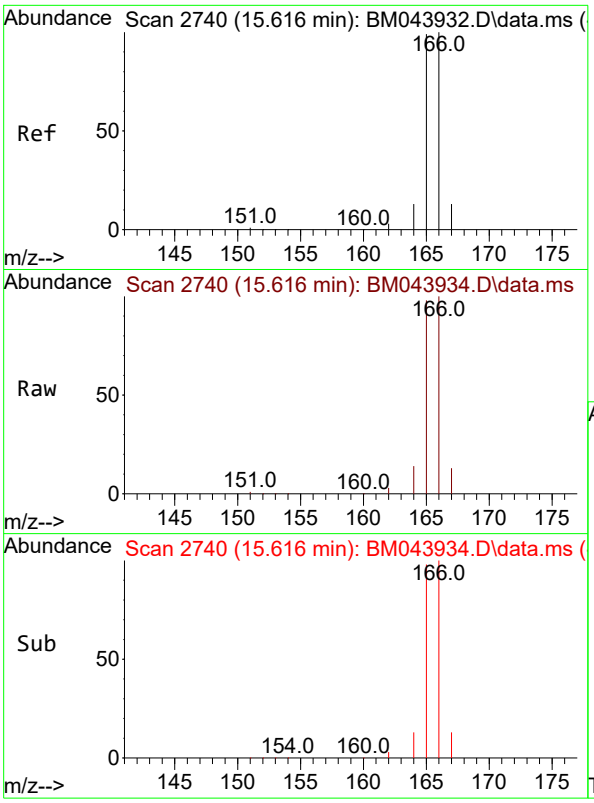


#11
Acenaphthene
Concen: 1.596 ng/ul
RT: 14.630 min Scan# 2527
Delta R.T. 0.004 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Tgt Ion:153 Resp: 58309

Ion	Ratio	Lower	Upper
153	100		
152	51.6	41.8	62.8
154	89.2	69.8	104.8



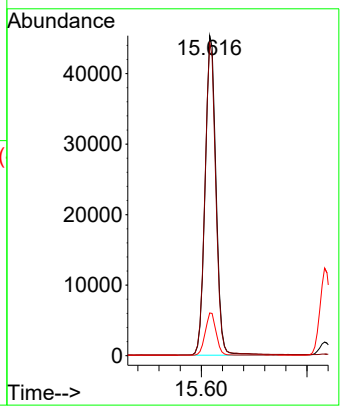


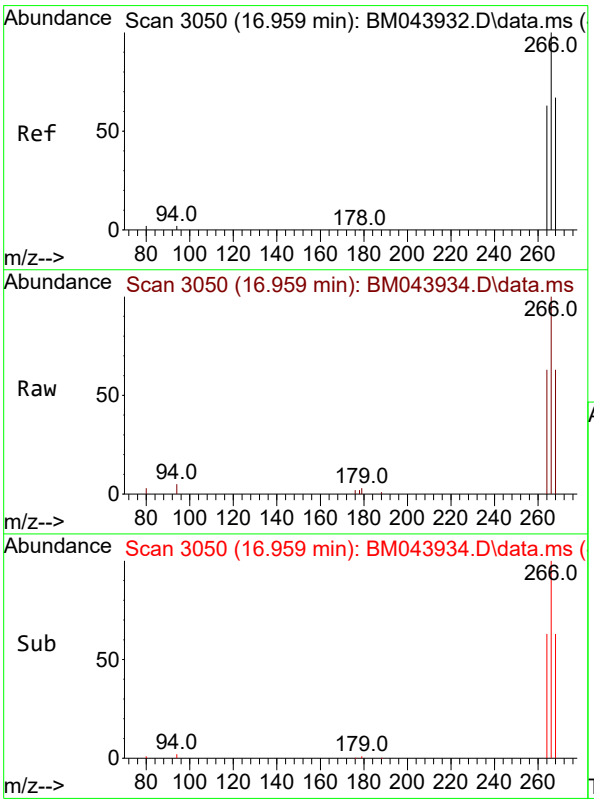
#12
Fluorene
Concen: 1.611 ng/ul
RT: 15.616 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:166 Resp: 64611

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.5	119.3
167	13.3	10.9	16.3

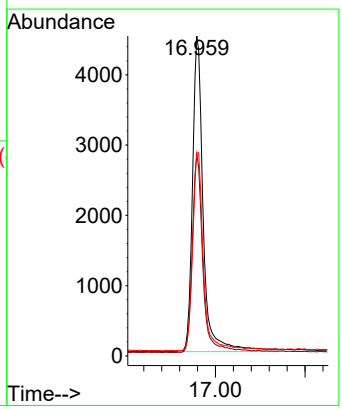


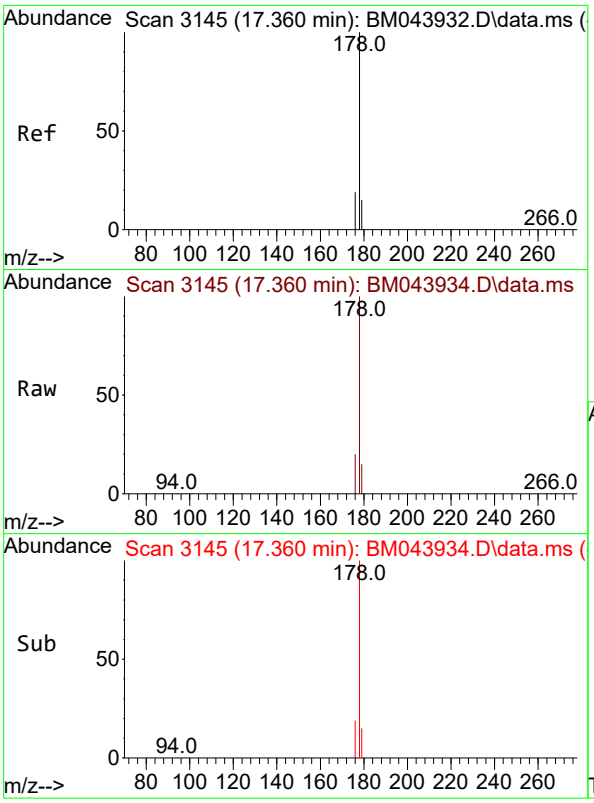


#14
Pentachlorophenol
Concen: 1.591 ng/ul
RT: 16.959 min Scan# 3050
Delta R.T. -0.000 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Tgt Ion:266 Resp: 7480

Ion	Ratio	Lower	Upper
266	100		
264	62.8	51.3	76.9
268	63.7	54.7	82.1



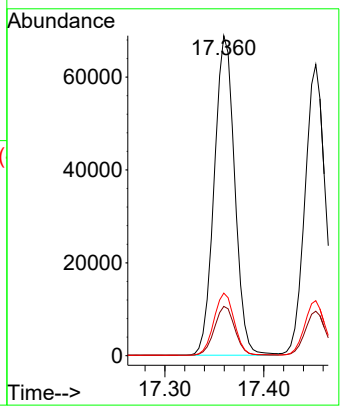


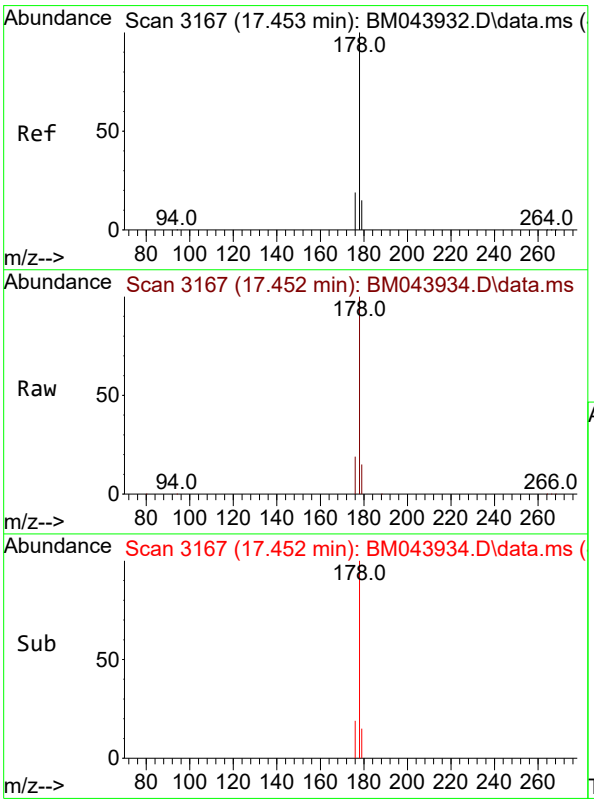
#15
Phenanthrene
Concen: 1.629 ng/ul
RT: 17.360 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:178 Resp: 98642

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.5	15.6	23.4

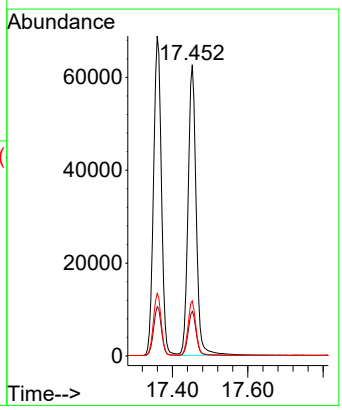


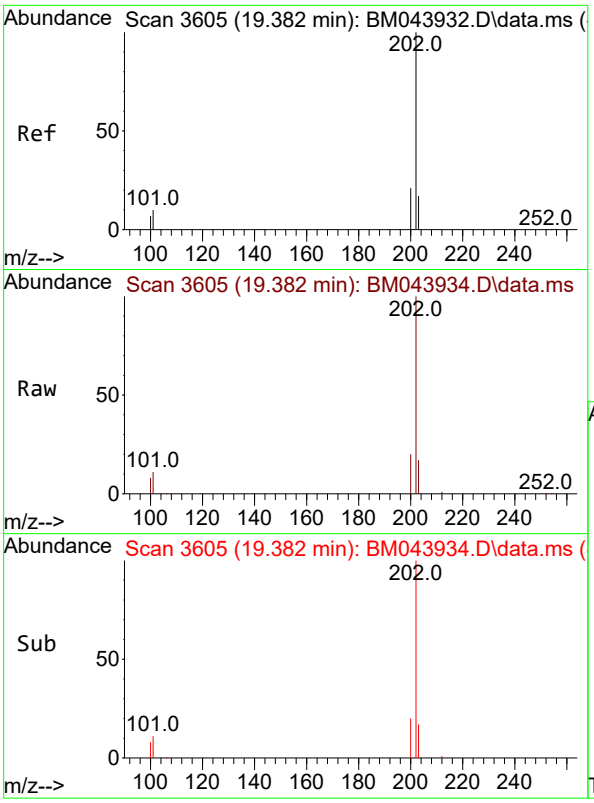


#16
Anthracene
Concen: 1.625 ng/ul
RT: 17.452 min Scan# 3167
Delta R.T. -0.000 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Tgt Ion:178 Resp: 93374

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	18.8
176	18.9	15.4	23.0



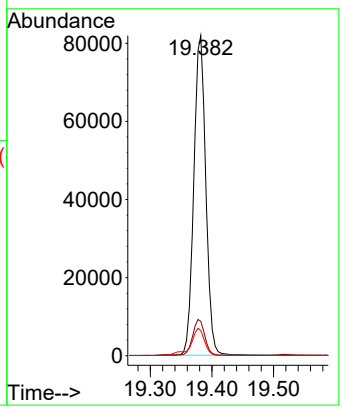


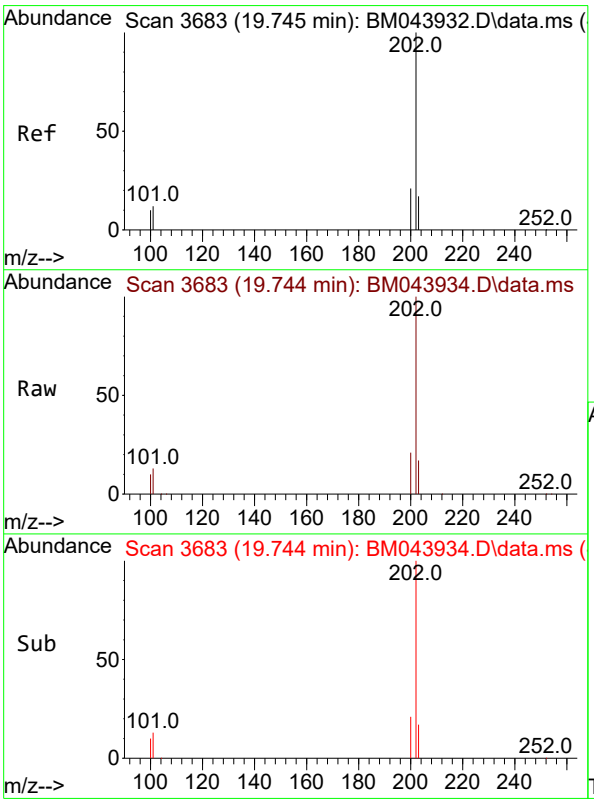
#19
Fluoranthene
Concen: 1.627 ng/ul
RT: 19.382 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:202 Resp: 110877

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.6	13.0
100	7.9	6.4	9.6

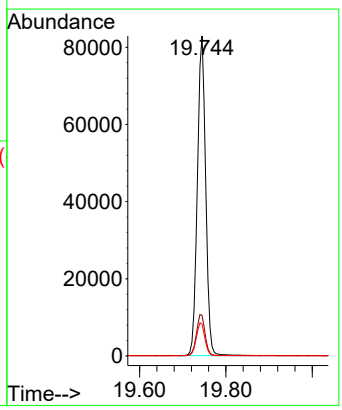


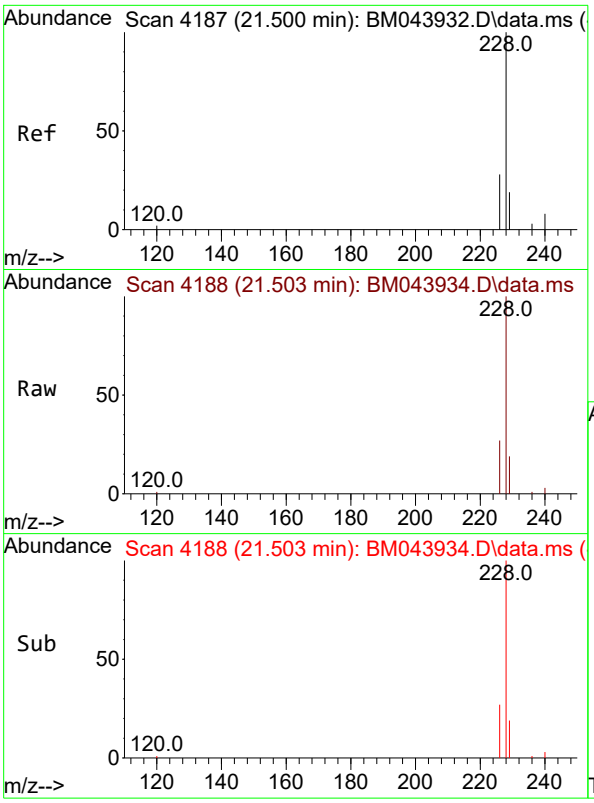


#20
Pyrene
Concen: 1.586 ng/ul
RT: 19.744 min Scan# 3683
Delta R.T. -0.000 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Tgt Ion:202 Resp: 111145

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.3	15.5
100	9.9	8.1	12.1



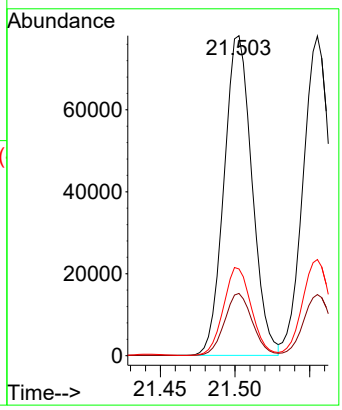


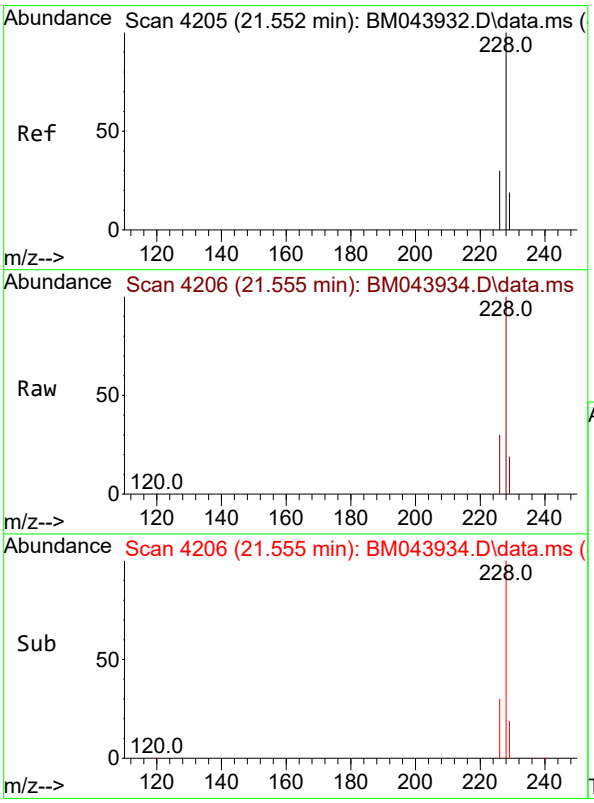
#21
Benzo(a)anthracene
Concen: 1.648 ng/ul
RT: 21.503 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:228 Resp: 101809

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.5	23.3
226	27.1	22.3	33.5

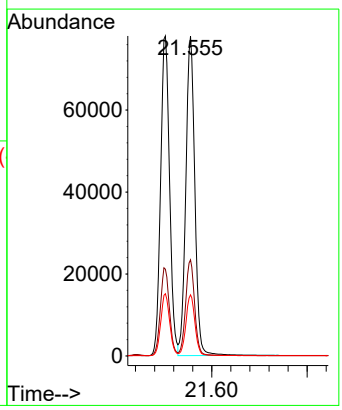


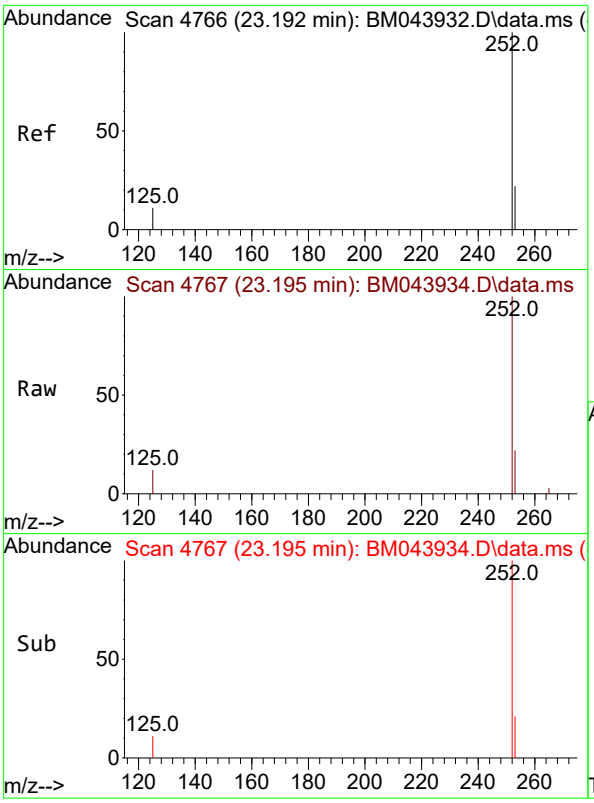


#22
Chrysene
Concen: 1.583 ng/ul
RT: 21.555 min Scan# 4206
Delta R.T. 0.003 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Tgt Ion:228 Resp: 102430

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	19.1	15.5	23.3



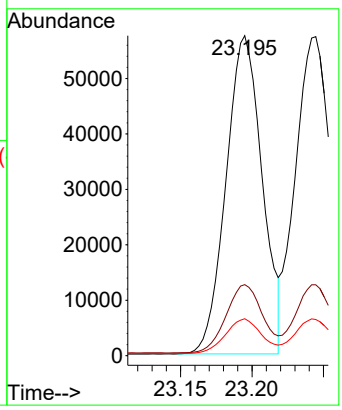


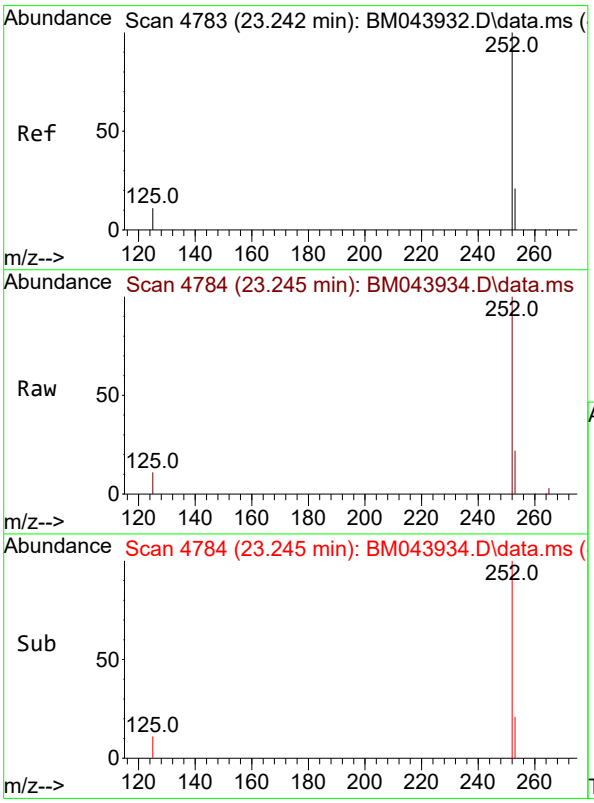
#24
Benzo(b)fluoranthene
Concen: 1.643 ng/ul
RT: 23.195 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:252 Resp: 101029

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	50.0
125	11.6	0.0	26.4

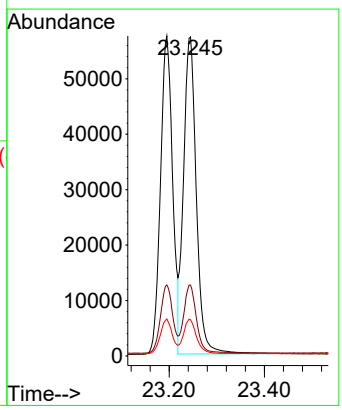


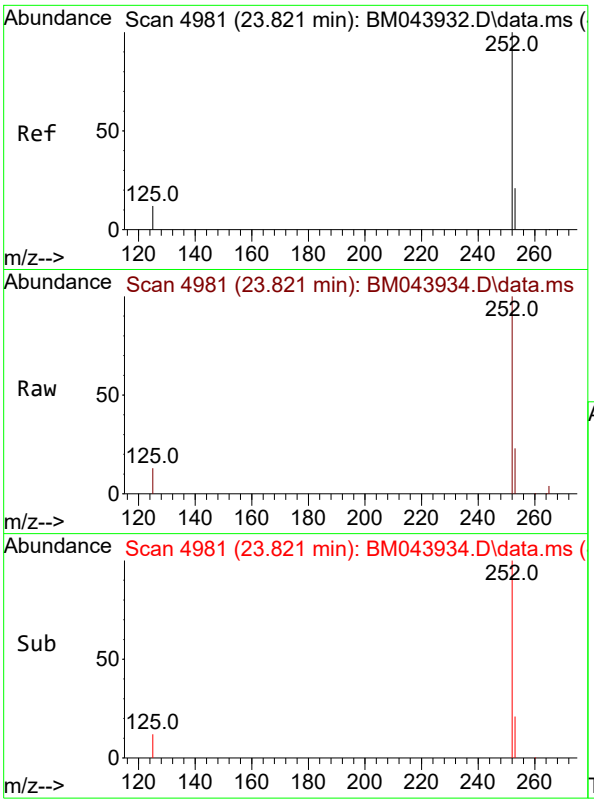


#25
Benzo(k)fluoranthene
Concen: 1.641 ng/ul
RT: 23.245 min Scan# 4784
Delta R.T. 0.003 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Tgt Ion:252 Resp: 106663

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.7	29.5
125	11.3	10.6	16.0



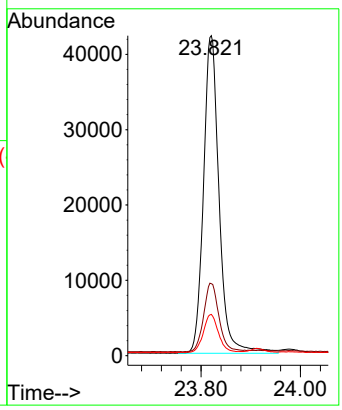


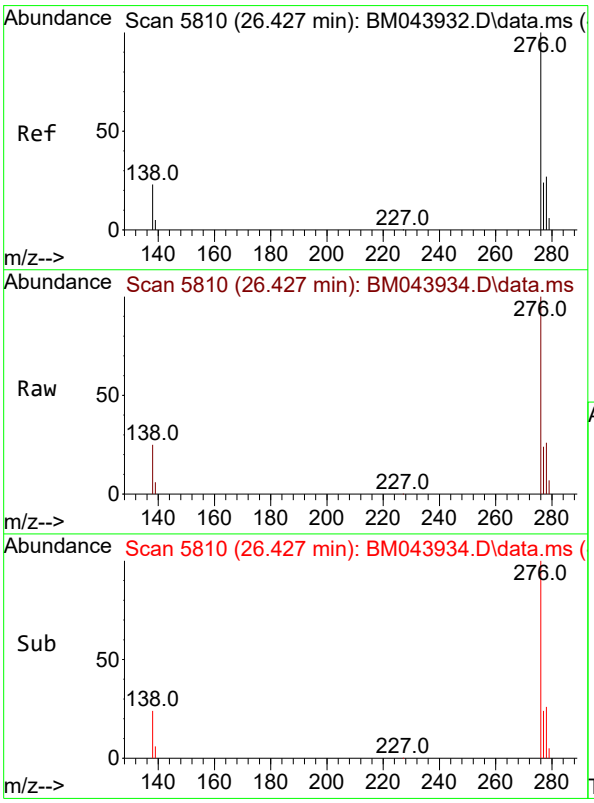
#26
Benzo(a)pyrene
Concen: 1.644 ng/ul
RT: 23.821 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:252 Resp: 92082

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.6	31.0
125	12.9	12.6	18.8

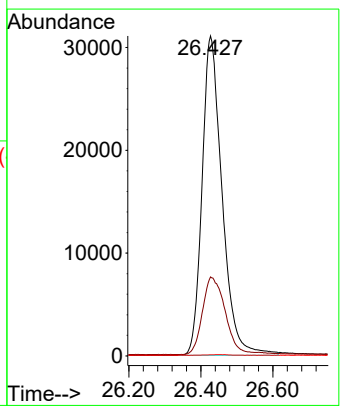


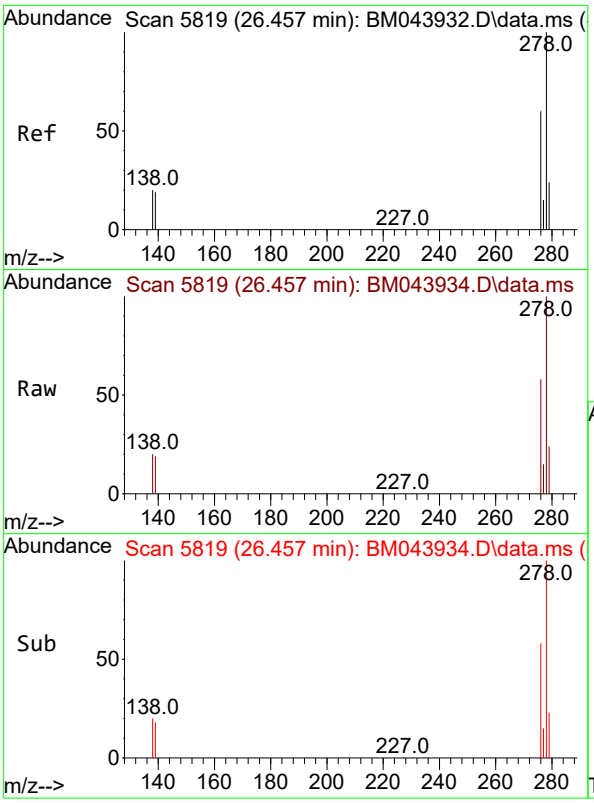


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.663 ng/ul
RT: 26.427 min Scan# 5810
Delta R.T. -0.000 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Tgt Ion:276 Resp: 119932

Ion	Ratio	Lower	Upper
276	100		
138	27.9	22.2	33.2
227	0.0	0.0	0.0



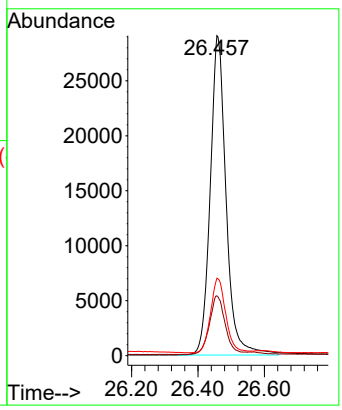


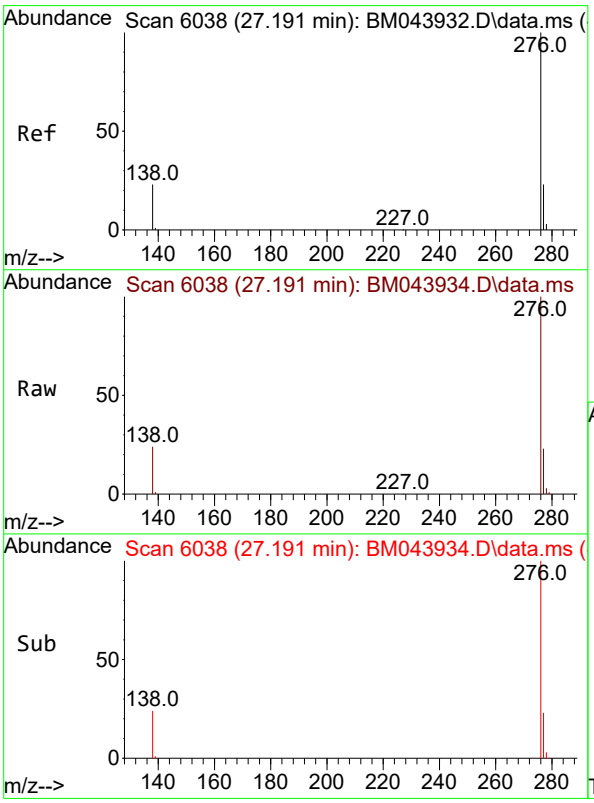
#28
Dibenzo(a,h)anthracene
Concen: 1.671 ng/ul
RT: 26.457 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:278 Resp: 96150

Ion	Ratio	Lower	Upper
278	100		
139	18.7	16.2	24.2
279	24.2	21.7	32.5





#29
Benzo(g,h,i)perylene
Concen: 1.640 ng/ul
RT: 27.191 min Scan# 6038
Delta R.T. -0.000 min
Lab File: BM043934.D
Acq: 31 Jan 2024 14:08

Tgt Ion:276 Resp: 102089

Ion	Ratio	Lower	Upper
276	100		
138	24.1	20.2	30.2
277	23.5	19.0	28.4