Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013124\
Data File : BM043933.D
Acq On : 31 Jan 2024 13:32
Operator : MA/JU
Sample : SSTD0.899
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Quant Time: Jan 31 22:45:05 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	8307	0.400	ng/ul	0.00
4) Naphthalene-d8	10.727	136	22425	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.567	164	10680	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	22651	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	17180	0.400	ng/ul	0.00
23) Perylene-d12	23.925	264	18801	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	8785	0.822	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	24618	0.837	ng/ul	0.00
18) Fluoranthene-d10	19.351	212	44859	0.831	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	9222	0.822	ng/ul	96
5) Naphthalene	10.776	128	52954	0.824	ng/ul	99
7) 2-Methylnaphthalene	12.393	142	31990	0.834	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	31688	0.834	ng/ul	100
10) Acenaphthylene	14.284	152	48564	0.838	ng/ul	99
11) Acenaphthene	14.627	153	33486	0.835	ng/ul	100
12) Fluorene	15.617	166	37458	0.850	ng/ul	98
14) Pentachlorophenol	16.960	266	5027	0.938	ng/ul	97
15) Phenanthrene	17.361	178	58149	0.843	ng/ul	100
16) Anthracene	17.453	178	55047	0.840	ng/ul	100
19) Fluoranthene	19.383	202	65927	0.833	ng/ul	100
20) Pyrene	19.741	202	66730	0.820	ng/ul	98
21) Benzo(a)anthracene	21.499	228	60210	0.839	ng/ul	100
22) Chrysene	21.555	228	61933	0.824	ng/ul	99
24) Benzo(b)fluoranthene	23.194	252	60963	0.848	ng/ul	96
25) Benzo(k)fluoranthene	23.244	252	63846	0.840	ng/ul	96
26) Benzo(a)pyrene	23.820	252	54805	0.837	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.423	276	71175	0.844	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.456	278	57063	0.848	ng/ul	96
29) Benzo(g,h,i)perylene	27.187	276	61092	0.839	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013124\
Data File : BM043933.D
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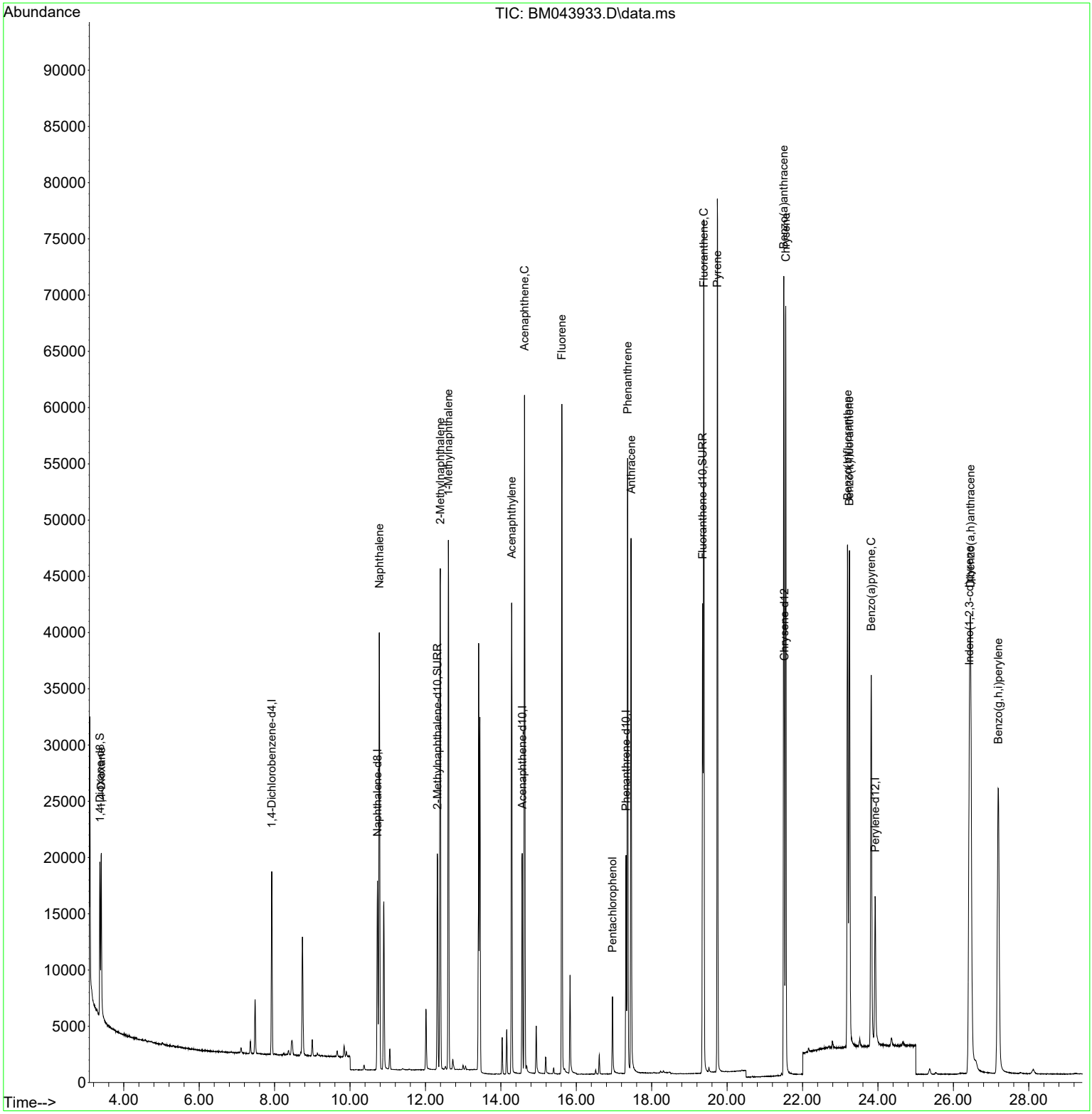
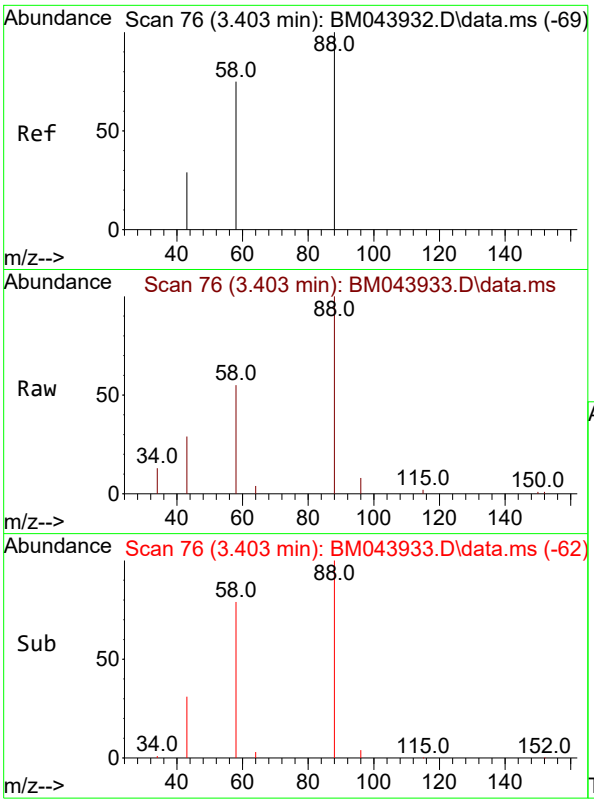
Operator : MA/JU
Sample : SSTD0.899
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Quant Time: Jan 31 22:45:05 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



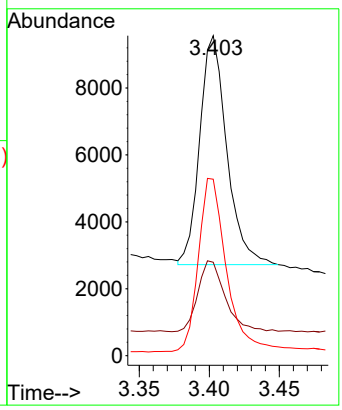


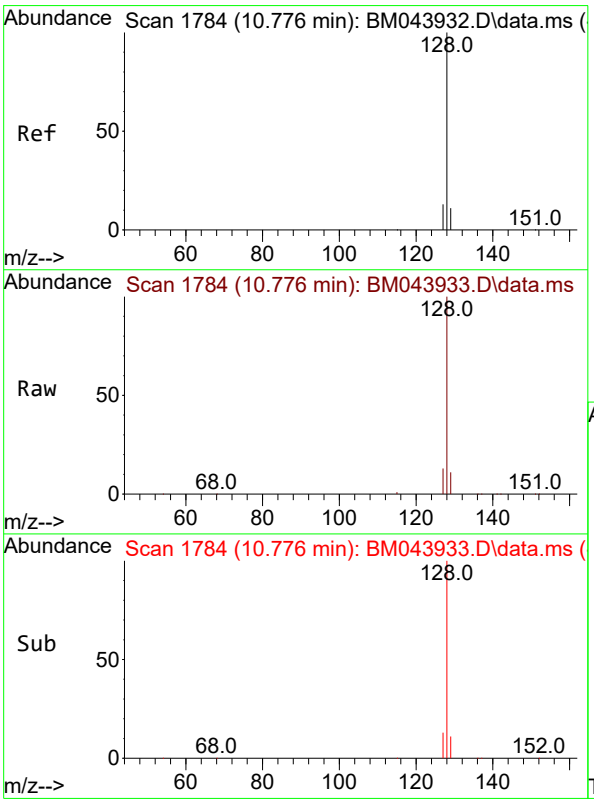
#2
1,4-Dioxane
Concen: 0.822 ng/ul
RT: 3.403 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion: 88 Resp: 9222

Ion	Ratio	Lower	Upper
88	100		
43	29.2	27.1	40.7
58	55.2	44.6	67.0

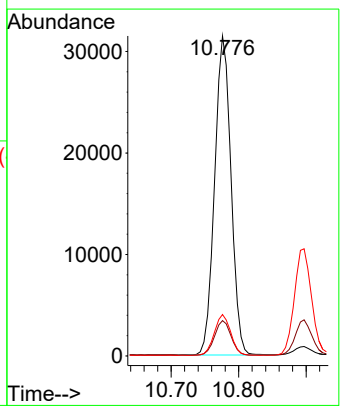


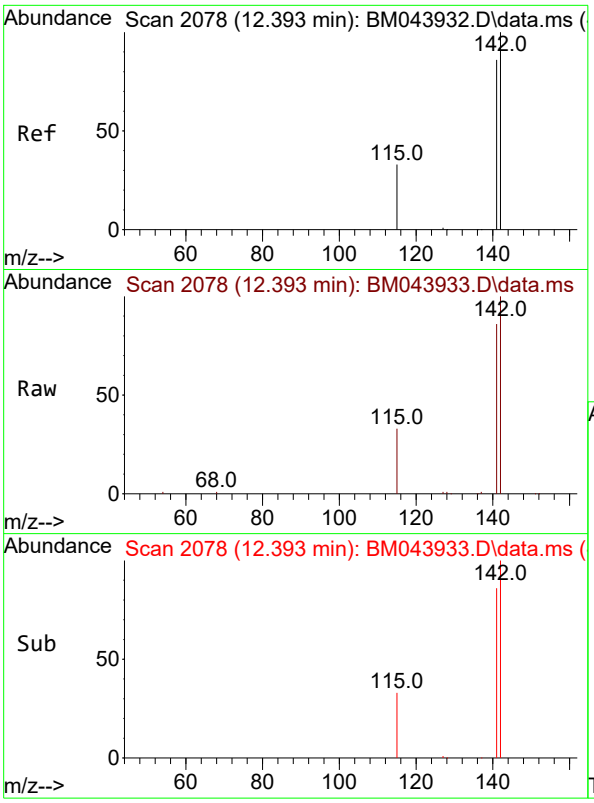


#5
Naphthalene
Concen: 0.824 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Tgt Ion:128 Resp: 52954

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.0	10.3	15.5



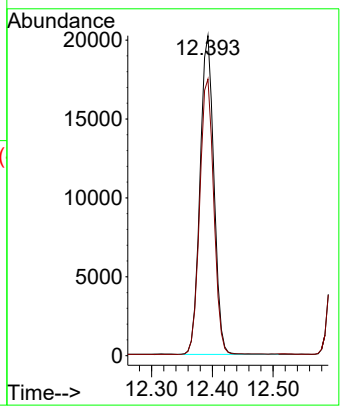


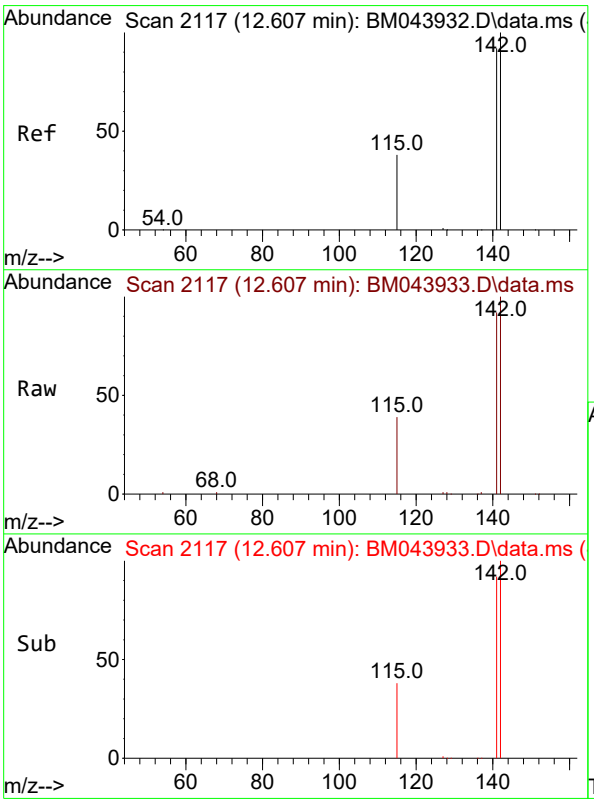
#7
2-Methylnaphthalene
Concen: 0.834 ng/ul
RT: 12.393 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:142 Resp: 31990

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.2	105.4

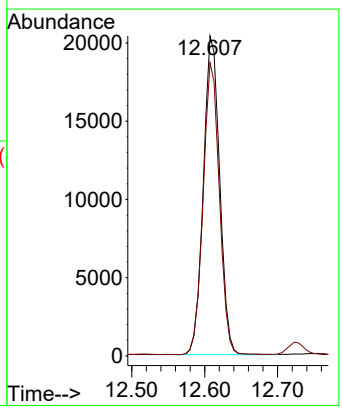


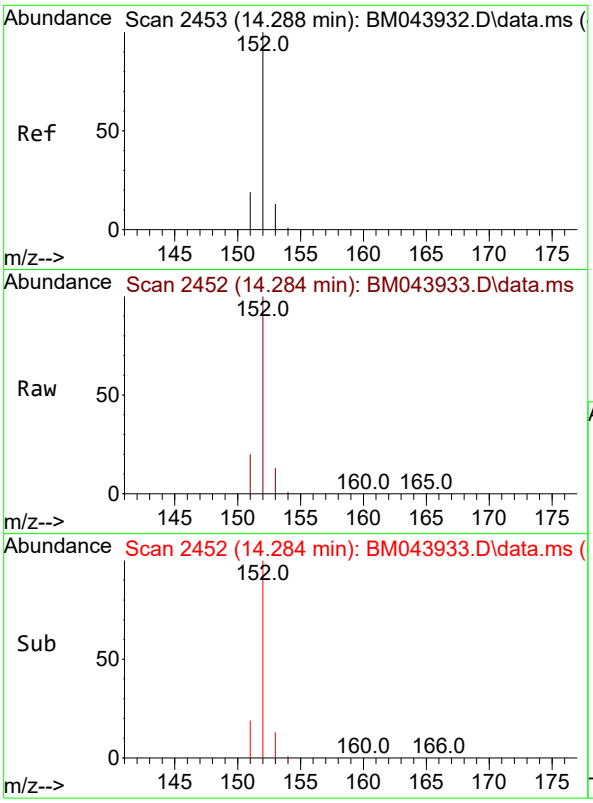


#8
1-Methylnaphthalene
Concen: 0.834 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Tgt Ion:142 Resp: 31688

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.9	109.3



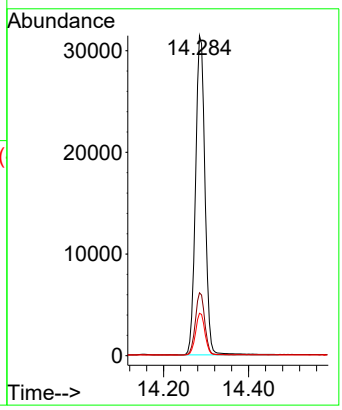


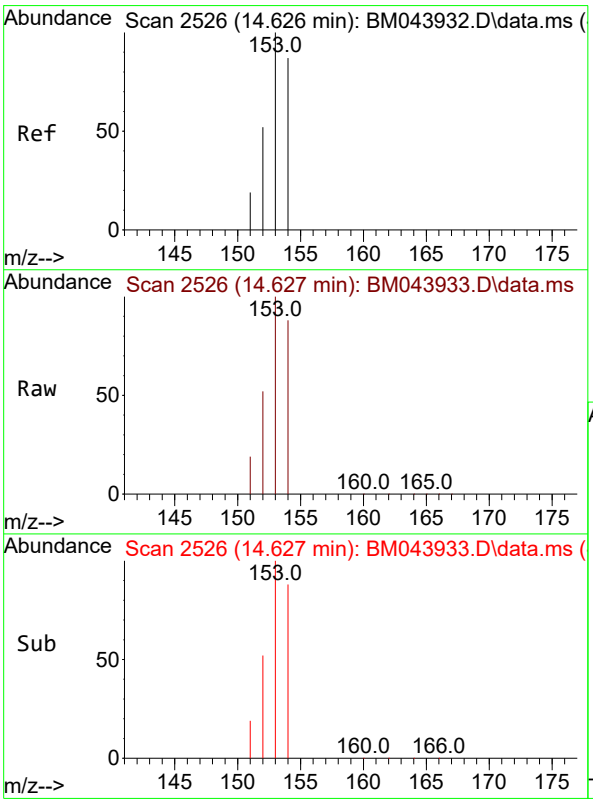
#10
Acenaphthylene
Concen: 0.838 ng/ul
RT: 14.284 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:152 Resp: 48564

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.2	10.9	16.3

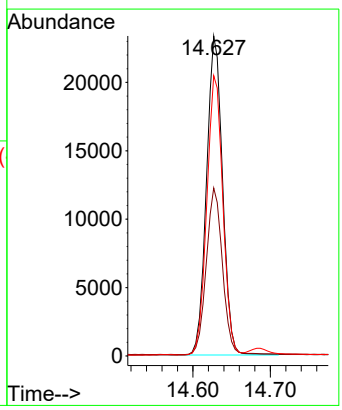


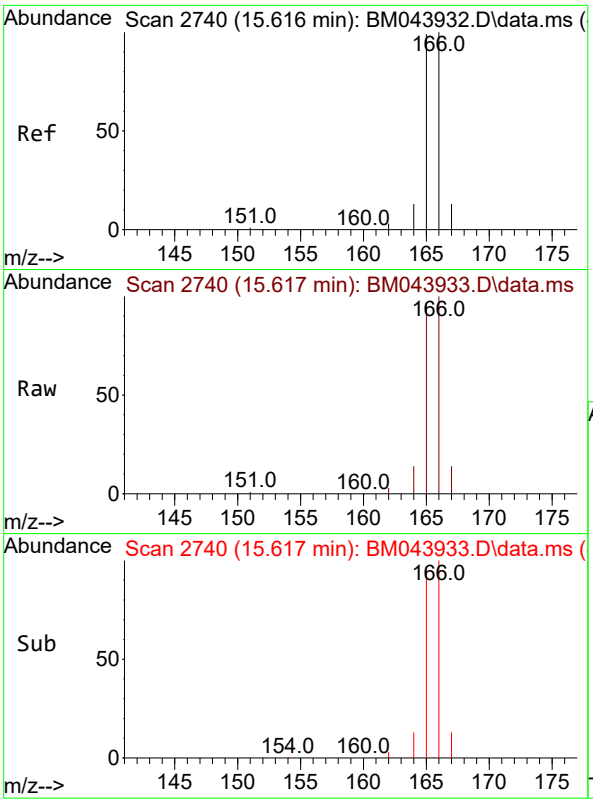


#11
Acenaphthene
Concen: 0.835 ng/ul
RT: 14.627 min Scan# 2526
Delta R.T. 0.001 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Tgt Ion:153 Resp: 33486

Ion	Ratio	Lower	Upper
153	100		
152	52.5	41.8	62.8
154	87.6	69.8	104.8



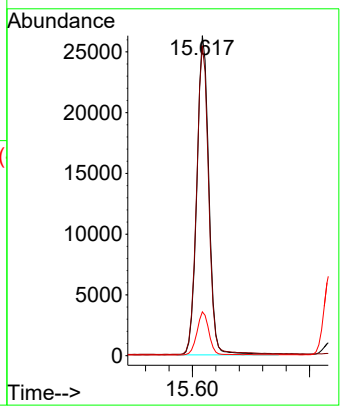


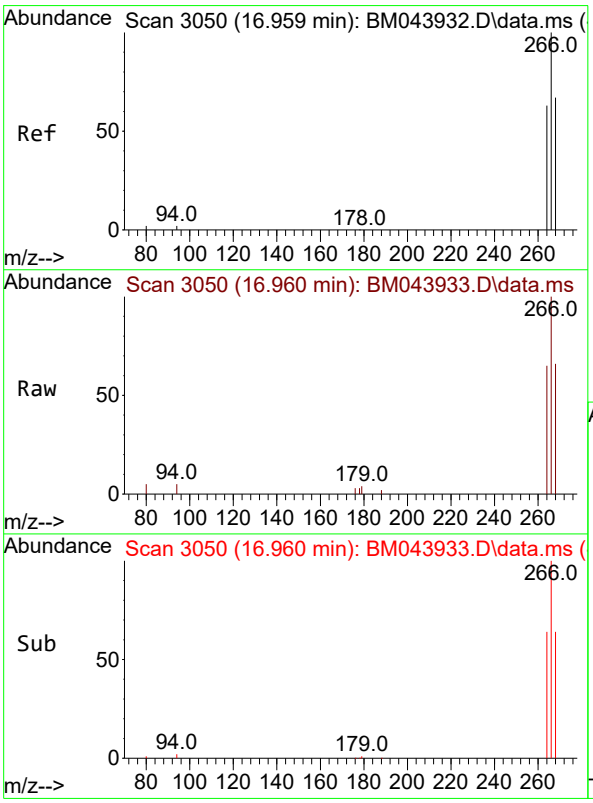
#12
Fluorene
Concen: 0.850 ng/ul
RT: 15.617 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:166 Resp: 37458

Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.5	119.3
167	13.7	10.9	16.3

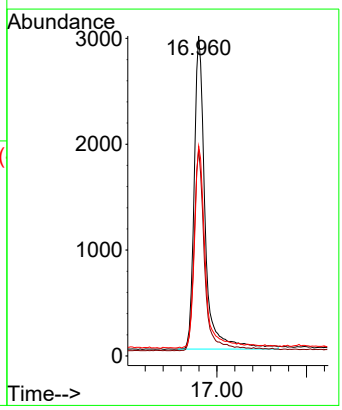


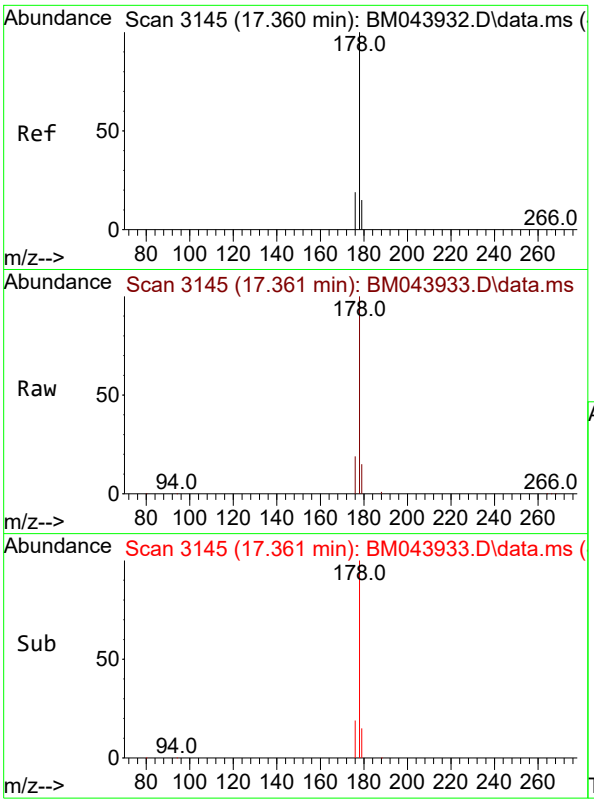


#14
Pentachlorophenol
Concen: 0.938 ng/ul
RT: 16.960 min Scan# 3050
Delta R.T. 0.001 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Tgt Ion:266 Resp: 5027

Ion	Ratio	Lower	Upper
266	100		
264	63.3	51.3	76.9
268	64.6	54.7	82.1



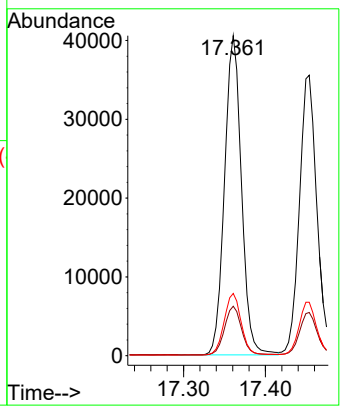


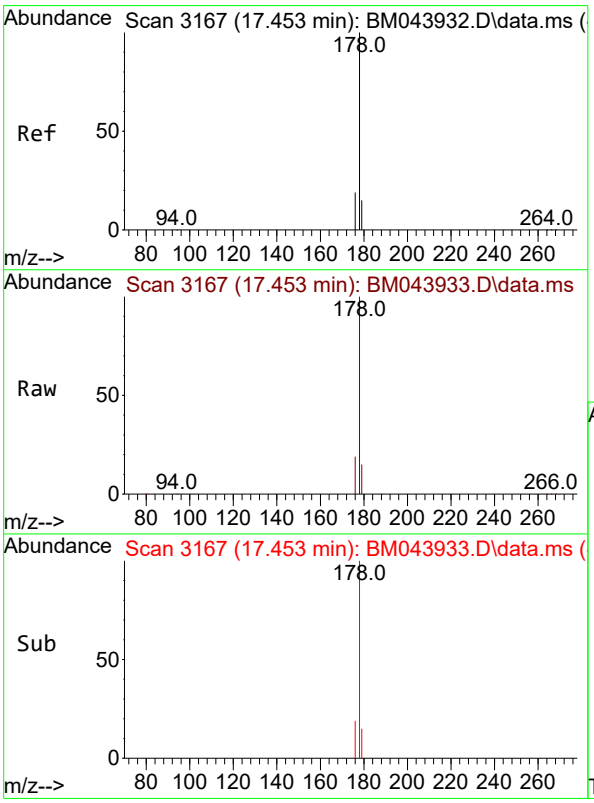
#15
Phenanthrene
Concen: 0.843 ng/ul
RT: 17.361 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:178 Resp: 58149

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	19.5	15.6	23.4

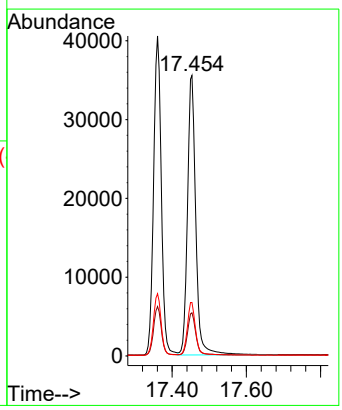


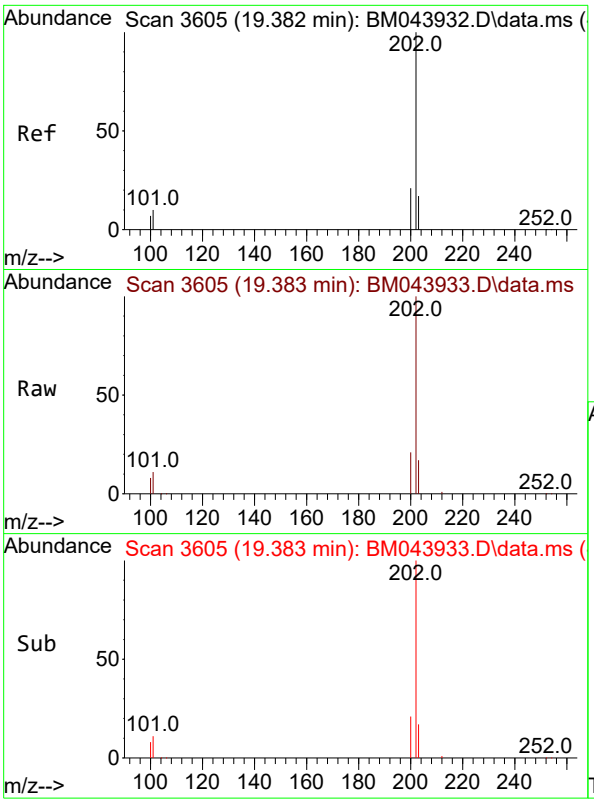


#16
Anthracene
Concen: 0.840 ng/ul
RT: 17.453 min Scan# 3167
Delta R.T. 0.001 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Tgt Ion:178 Resp: 55047

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	19.1	15.4	23.0



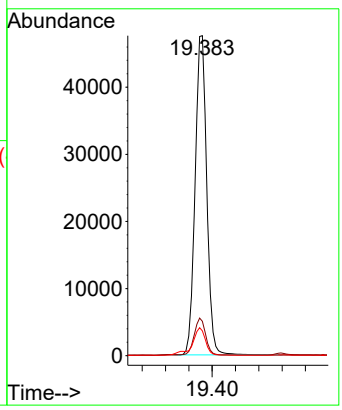


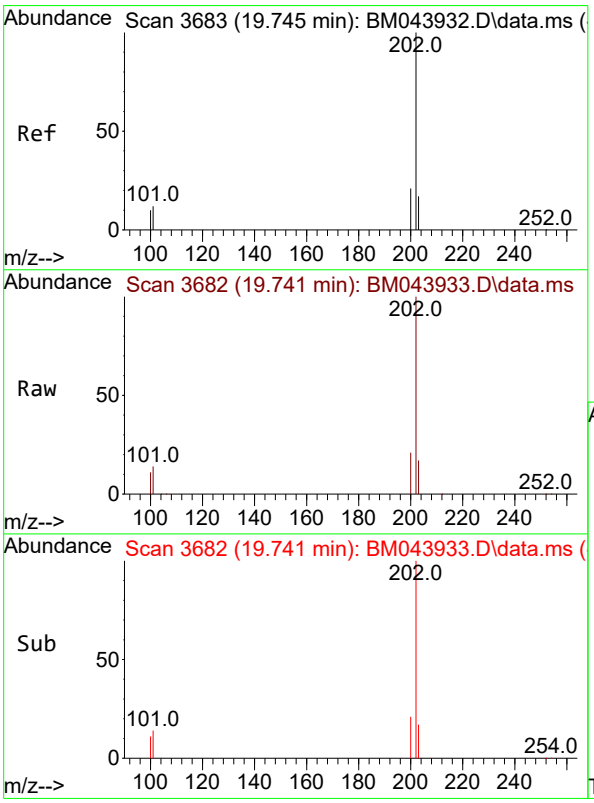
#19
Fluoranthene
Concen: 0.833 ng/ul
RT: 19.383 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:202 Resp: 65927

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.6	13.0
100	7.7	6.4	9.6

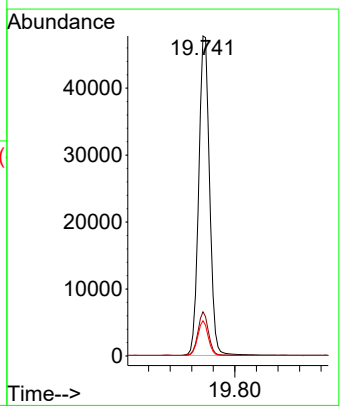


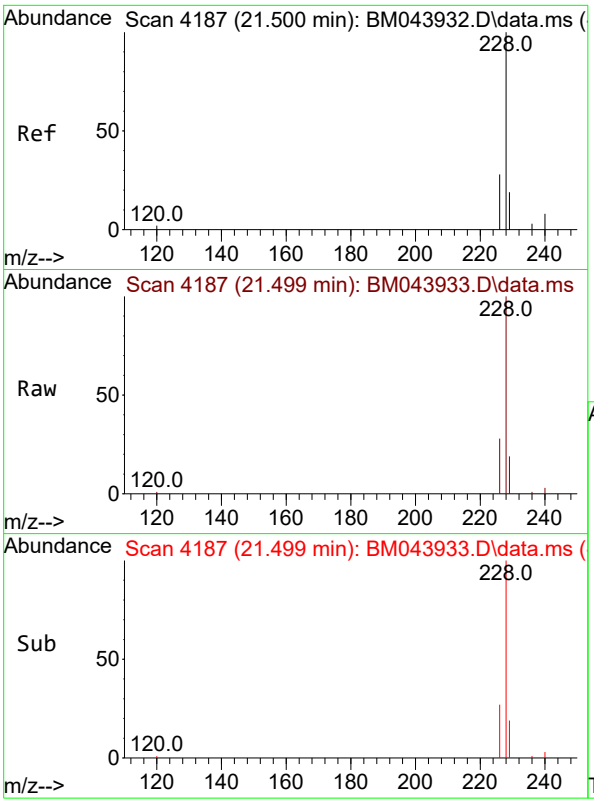


#20
Pyrene
Concen: 0.820 ng/ul
RT: 19.741 min Scan# 3682
Delta R.T. -0.004 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Tgt Ion:202 Resp: 66730

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.3	15.5
100	11.0	8.1	12.1



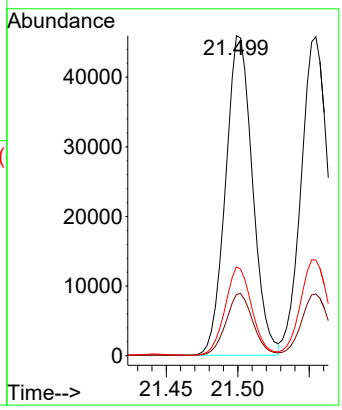


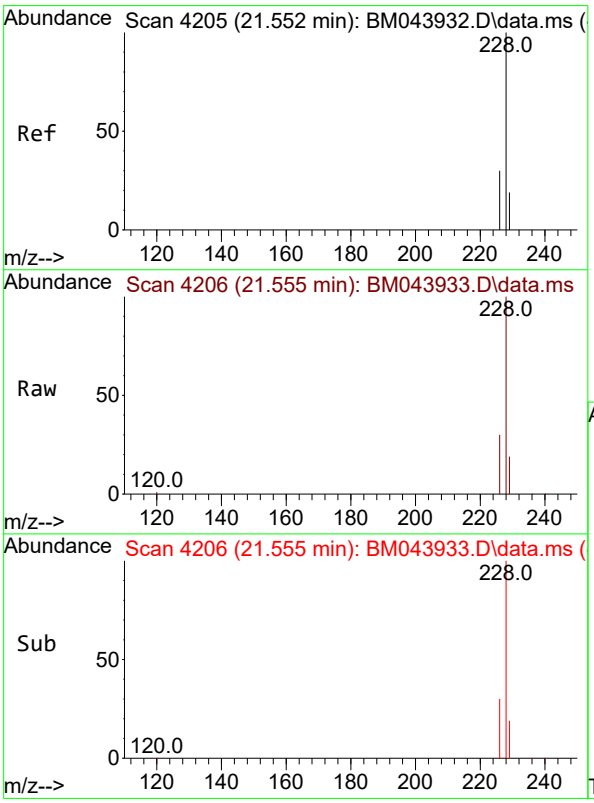
#21
Benzo(a)anthracene
Concen: 0.839 ng/ul
RT: 21.499 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:228 Resp: 60210

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.5	23.3
226	27.8	22.3	33.5

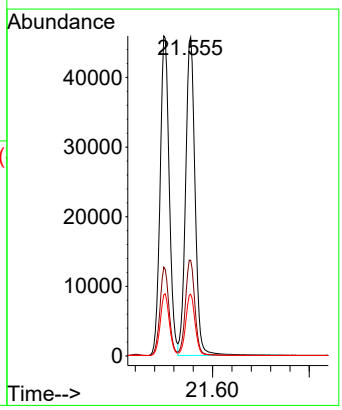


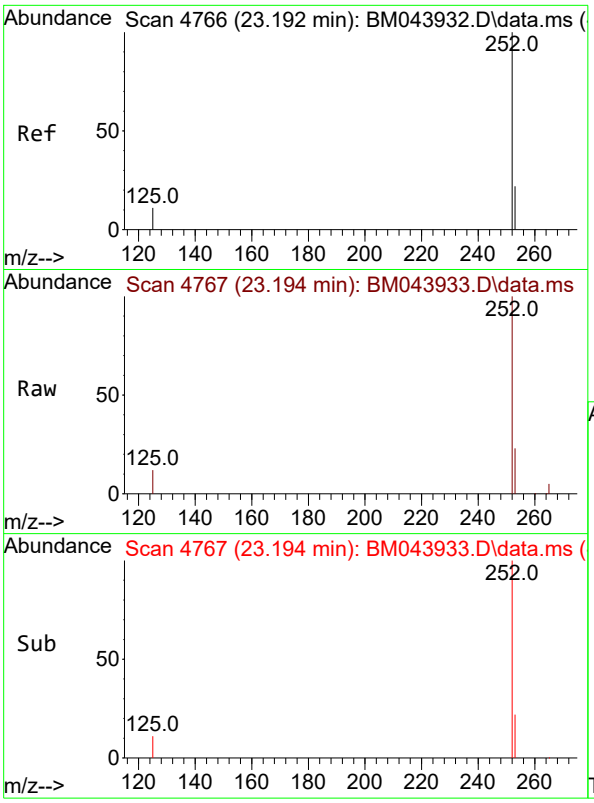


#22
Chrysene
Concen: 0.824 ng/ul
RT: 21.555 min Scan# 4206
Delta R.T. 0.002 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Tgt Ion:228 Resp: 61933

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	19.4	15.5	23.3



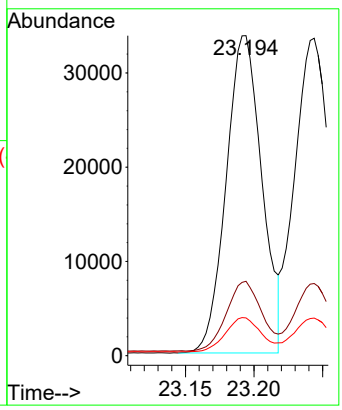


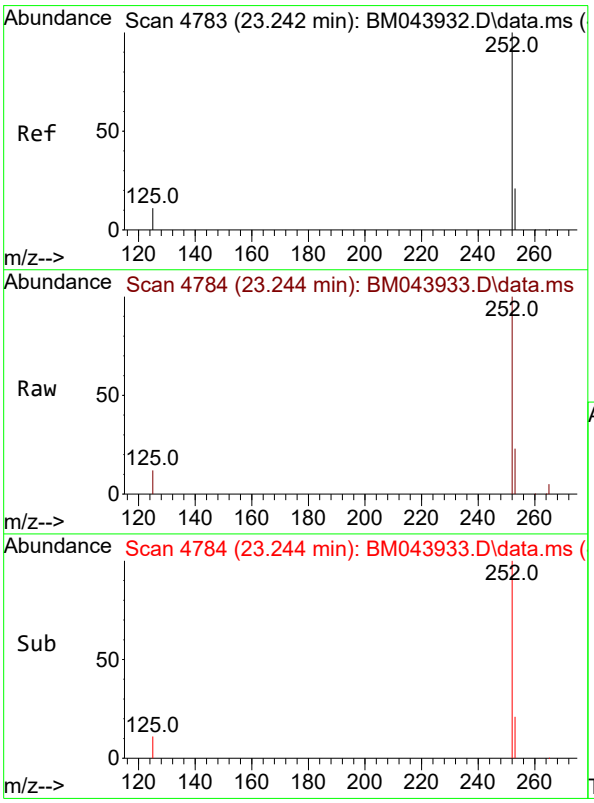
#24
Benzo(b)fluoranthene
Concen: 0.848 ng/ul
RT: 23.194 min Scan# 4
Delta R.T. 0.002 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:252 Resp: 60963

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	50.0
125	11.8	0.0	26.4

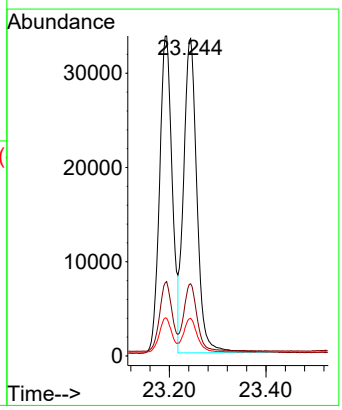


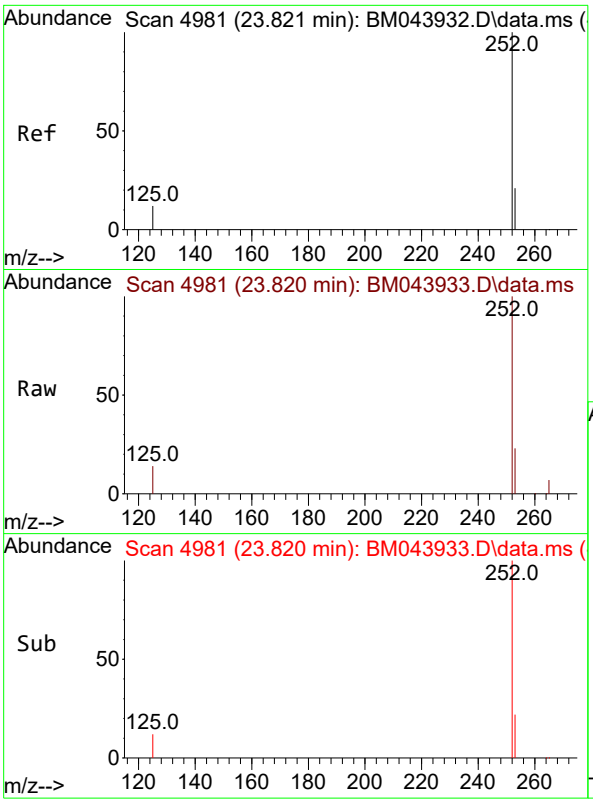


#25
Benzo(k)fluoranthene
Concen: 0.840 ng/ul
RT: 23.244 min Scan# 4784
Delta R.T. 0.002 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Tgt Ion:252 Resp: 63846

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.7	29.5
125	11.9	10.6	16.0



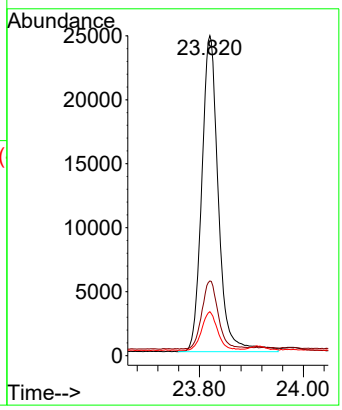


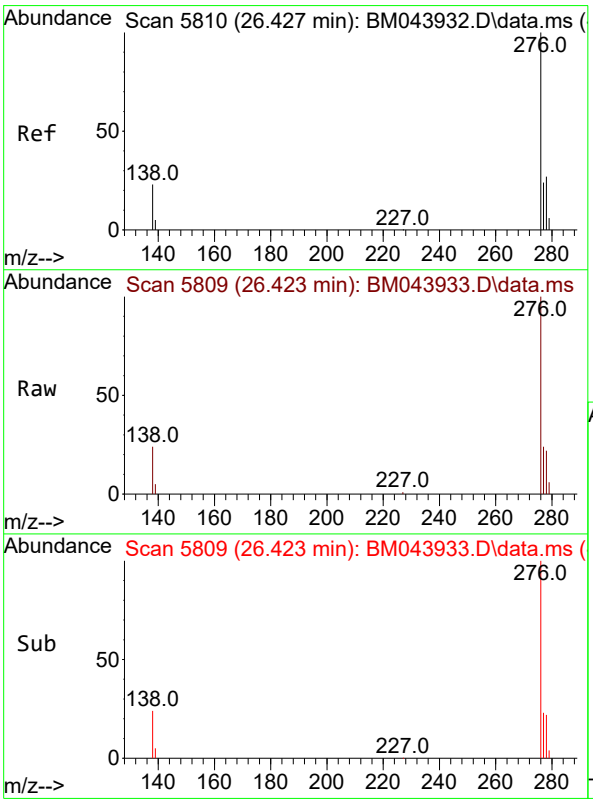
#26
Benzo(a)pyrene
Concen: 0.837 ng/ul
RT: 23.820 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:252 Resp: 54805

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.6	31.0
125	13.8	12.6	18.8

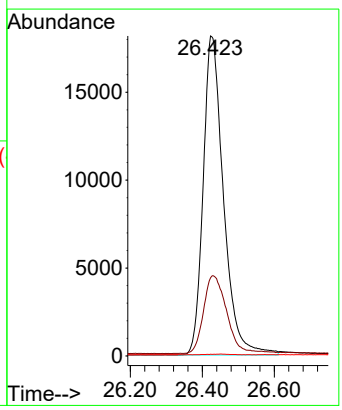


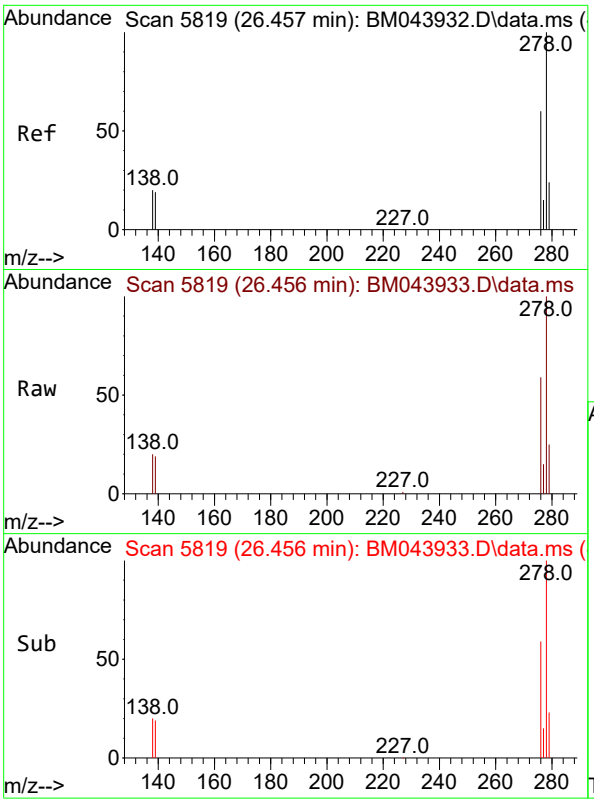


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.844 ng/ul
RT: 26.423 min Scan# 5809
Delta R.T. -0.004 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Tgt Ion:276 Resp: 71175

Ion	Ratio	Lower	Upper
276	100		
138	27.7	22.2	33.2
227	0.1	0.0	0.0#



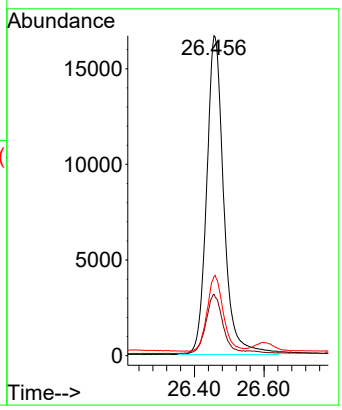


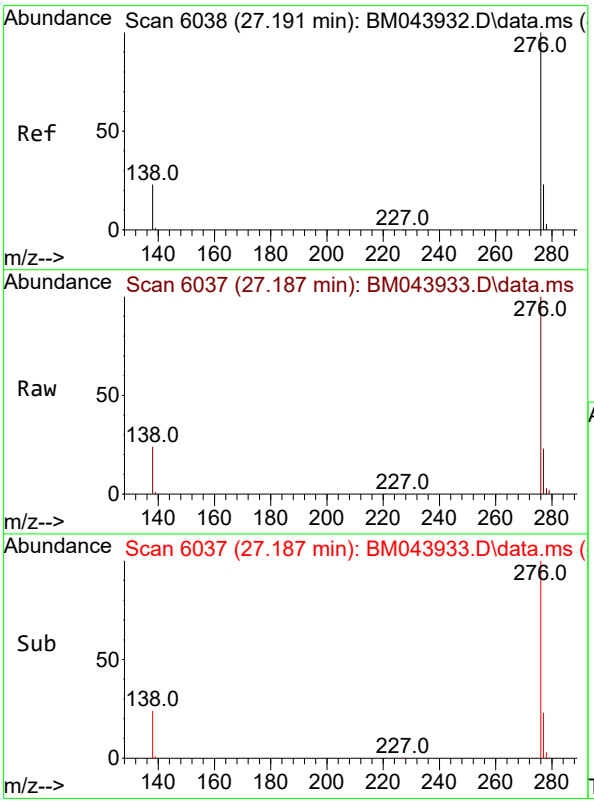
#28
Dibenzo(a,h)anthracene
Concen: 0.848 ng/ul
RT: 26.456 min Scan# 5
Delta R.T. -0.001 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:278 Resp: 57063

Ion	Ratio	Lower	Upper
278	100		
139	19.2	16.2	24.2
279	24.8	21.7	32.5





#29
Benzo(g,h,i)perylene
Concen: 0.839 ng/ul
RT: 27.187 min Scan# 6037
Delta R.T. -0.004 min
Lab File: BM043933.D
Acq: 31 Jan 2024 13:32

Tgt Ion:276 Resp: 61092

Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.2	30.2
277	23.4	19.0	28.4