Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
Data File : BM040000.D
Acq On : 25 May 2023 13:48
Operator : CG/JU
Sample : SSTD1.674
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Quant Time: May 25 14:33:51 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 13:47:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	9545	0.400	ng/ul	0.00
4) Naphthalene-d8	10.827	136	30167	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.651	164	14869	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	24532	0.400	ng/ul	0.00
17) Chrysene-d12	21.570	240	14439	0.400	ng/ul	0.00
23) Perylene-d12	24.020	264	12558	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	16758	1.455	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.411	152	56224	1.506	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	64702	1.463	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	17587	1.458	ng/ul	91
5) Naphthalene	10.877	128	111718	1.496	ng/ul	99
7) 2-Methylnaphthalene	12.488	142	68682	1.530	ng/ul	100
8) 1-Methylnaphthalene	12.703	142	71391	1.530	ng/ul	100
10) Acenaphthylene	14.373	152	92994	1.563	ng/ul	99
11) Acenaphthene	14.711	153	73691	1.511	ng/ul	100
12) Fluorene	15.697	166	78763	1.559	ng/ul	100
14) Pentachlorophenol	17.041	266	8031	1.725	ng/ul	98
15) Phenanthrene	17.433	178	107074	1.528	ng/ul	99
16) Anthracene	17.526	178	97718	1.697	ng/ul	99
19) Fluoranthene	19.449	202	99362	1.513	ng/ul	96
20) Pyrene	19.807	202	100814	1.515	ng/ul	100
21) Benzo(a)anthracene	21.556	228	73368	1.488	ng/ul	99
22) Chrysene	21.608	228	78012	1.489	ng/ul	100
24) Benzo(b)fluoranthene	23.271	252	79191	1.585	ng/ul	93
25) Benzo(k)fluoranthene	23.321	252	80783	1.609	ng/ul	94
26) Benzo(a)pyrene	23.912	252	67455	1.622	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.568	276	96580	1.611	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.591	278	79057	1.637	ng/ul	96
29) Benzo(g,h,i)perylene	27.349	276	78468	1.593	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
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Acq On : 25 May 2023 13:48
Operator : CG/JU
Sample : SSTD1.674
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Instrument :
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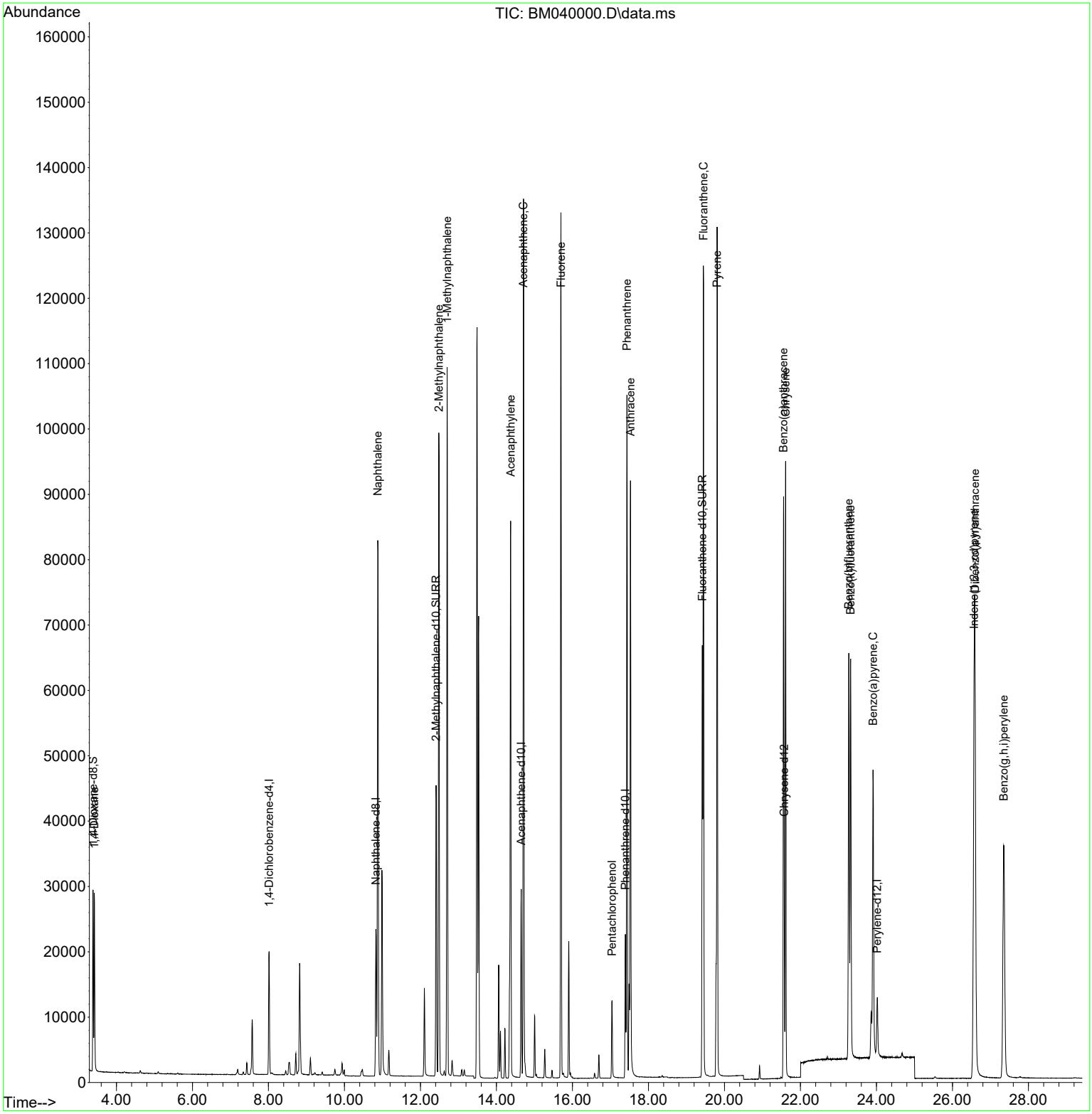
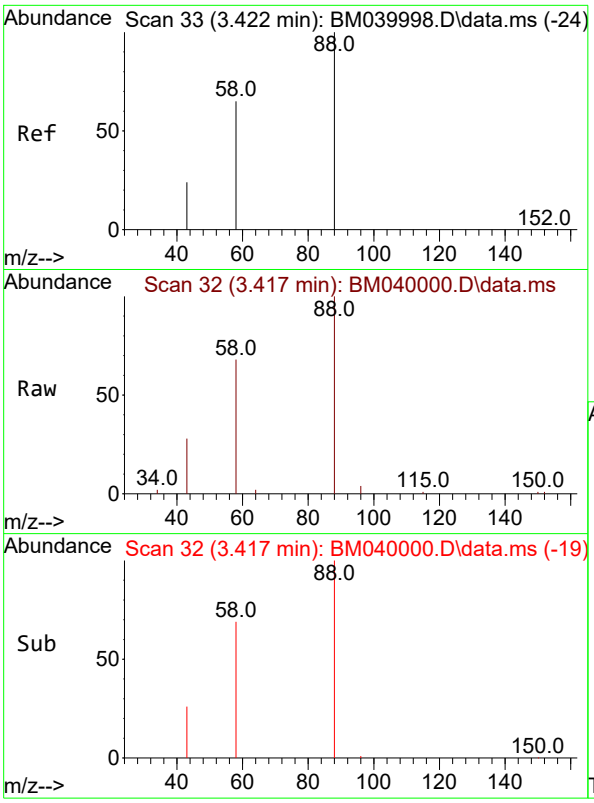
SSTD1.6005

Quant Time: May 25 14:33:51 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 13:47:35 2023
Response via : Initial Calibration



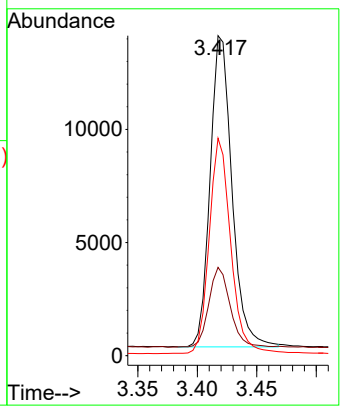


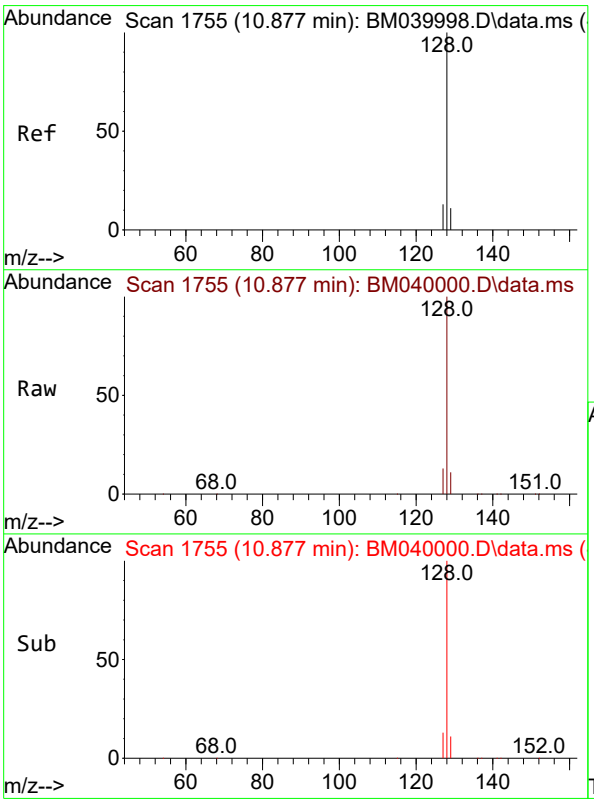
#2
1,4-Dioxane
Concen: 1.458 ng/ul
RT: 3.417 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion: 88 Resp: 17587

Ion	Ratio	Lower	Upper
88	100		
43	27.6	25.9	38.9
58	67.9	48.5	72.7

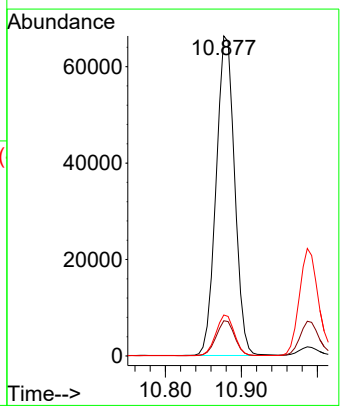


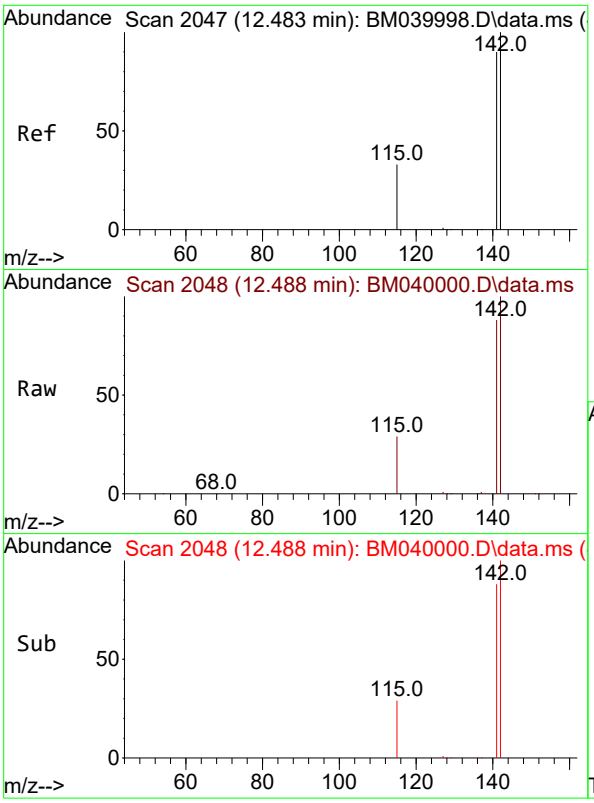


#5
Naphthalene
Concen: 1.496 ng/ul
RT: 10.877 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Tgt Ion:128 Resp: 111718

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	12.8	10.5	15.7



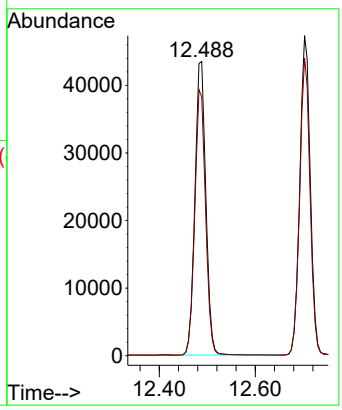


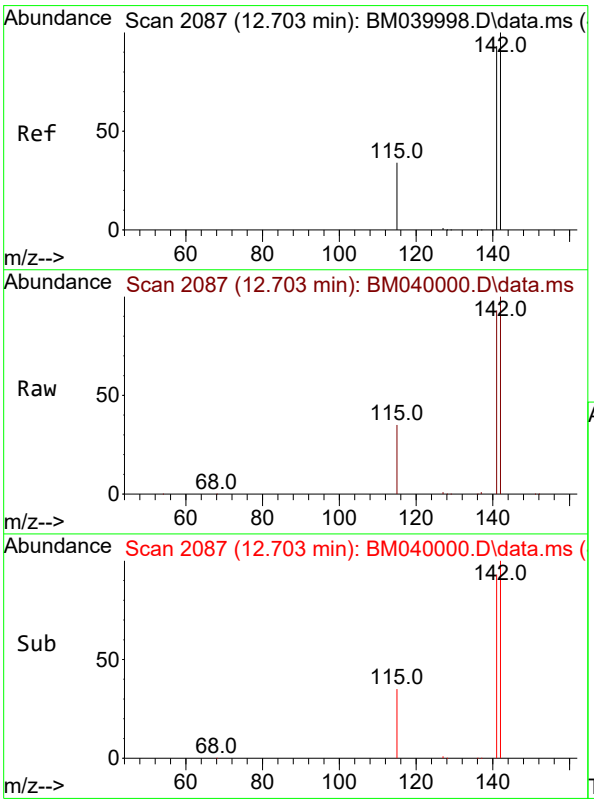
#7
2-Methylnaphthalene
Concen: 1.530 ng/ul
RT: 12.488 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:142 Resp: 68682

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9

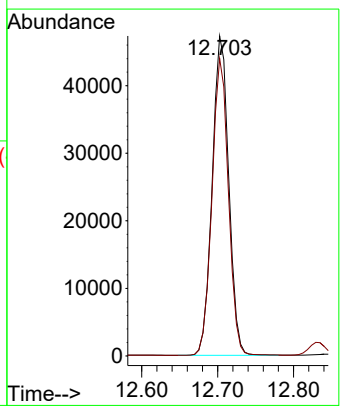


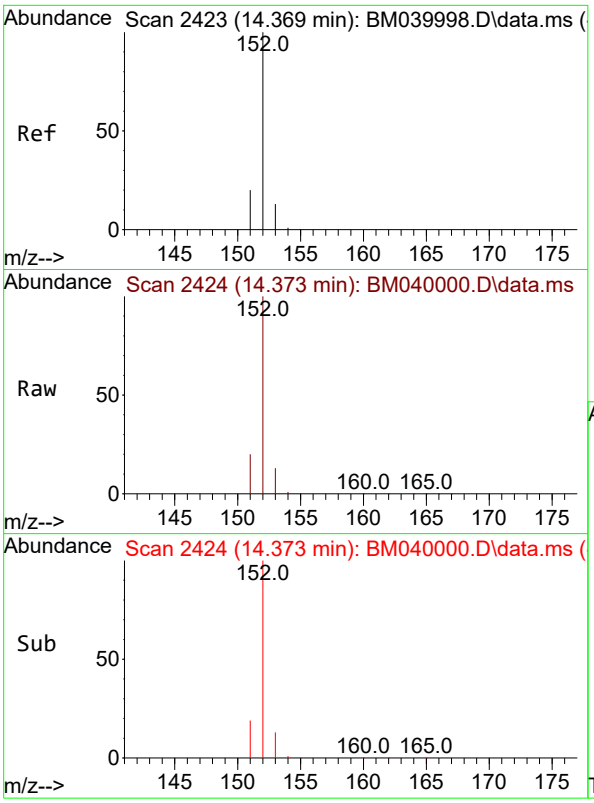


#8
1-Methylnaphthalene
Concen: 1.530 ng/ul
RT: 12.703 min Scan# 2087
Delta R.T. -0.000 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Tgt Ion:142 Resp: 71391

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.8	110.6



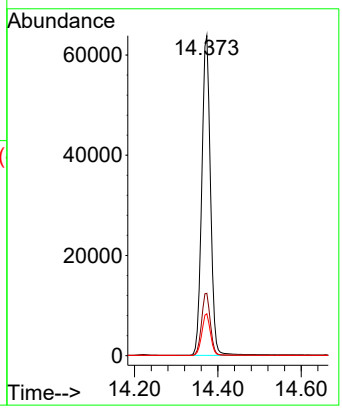


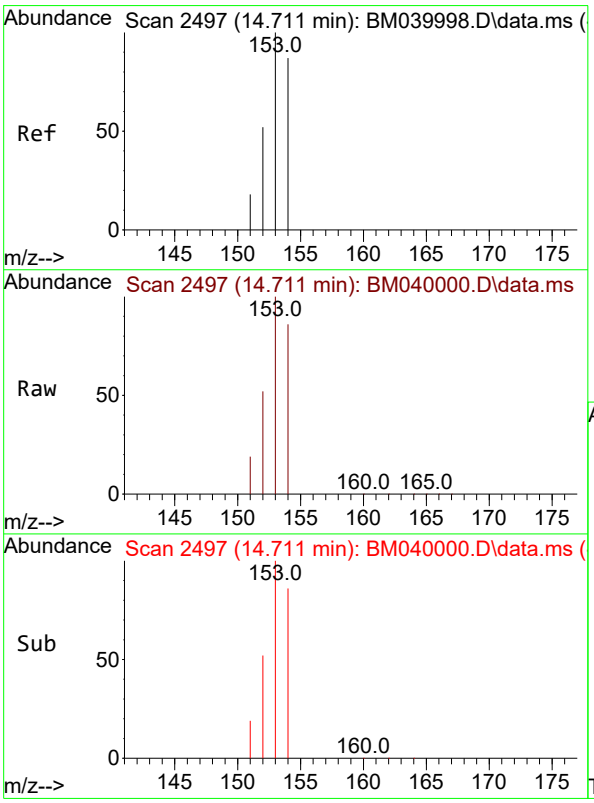
#10
Acenaphthylene
Concen: 1.563 ng/ul
RT: 14.373 min Scan# 24
Delta R.T. 0.004 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:152 Resp: 92994

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.4
153	13.1	10.6	16.0

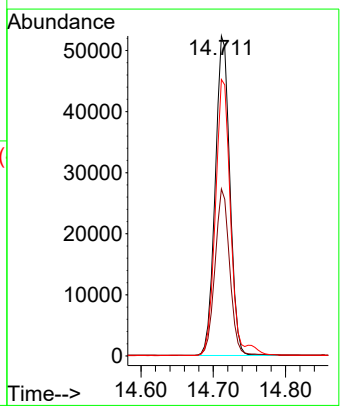


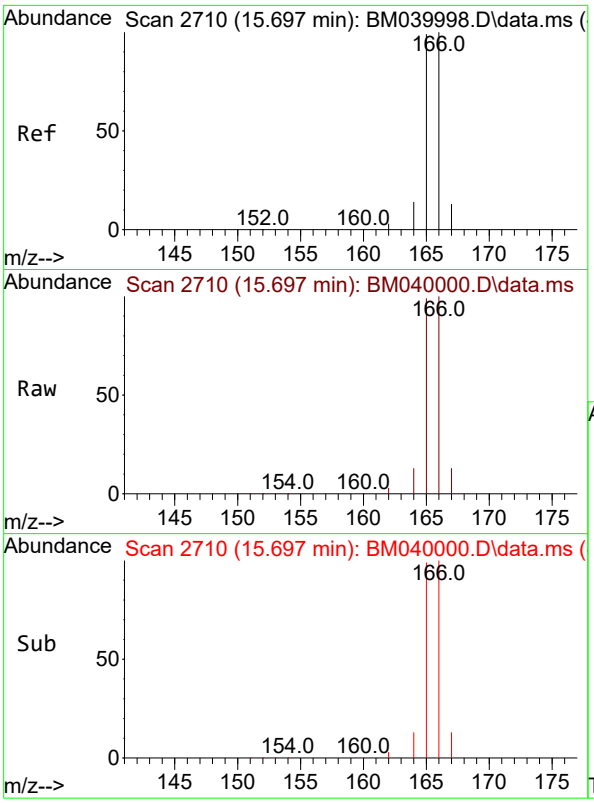


#11
Acenaphthene
Concen: 1.511 ng/ul
RT: 14.711 min Scan# 2497
Delta R.T. -0.000 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Tgt Ion:153 Resp: 73691

Ion	Ratio	Lower	Upper
153	100		
152	52.2	42.0	63.0
154	86.4	69.4	104.2



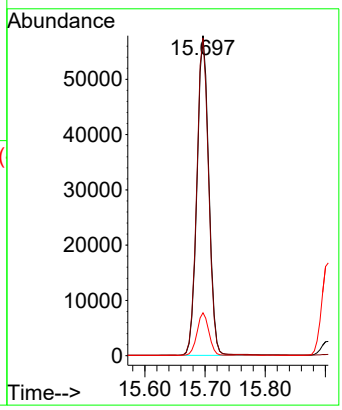


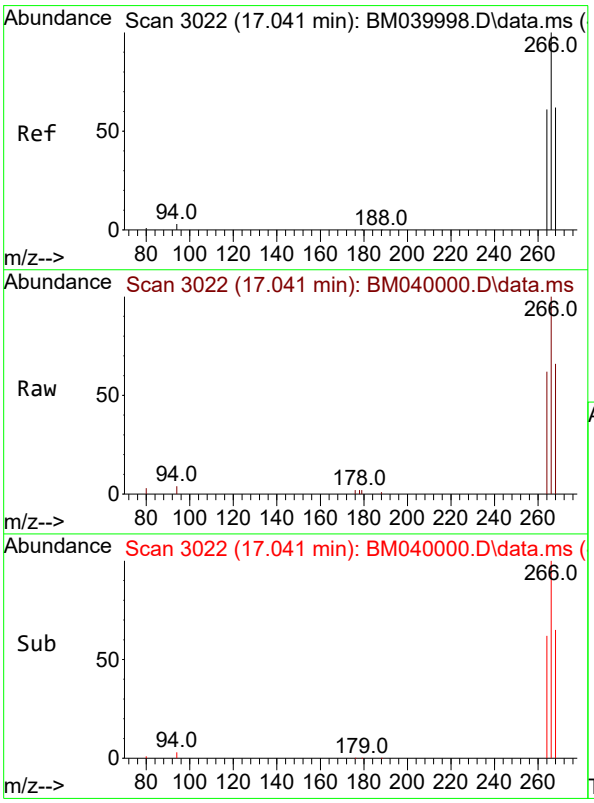
#12
Fluorene
Concen: 1.559 ng/ul
RT: 15.697 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:166 Resp: 78763

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.3	118.9
167	13.4	10.8	16.2

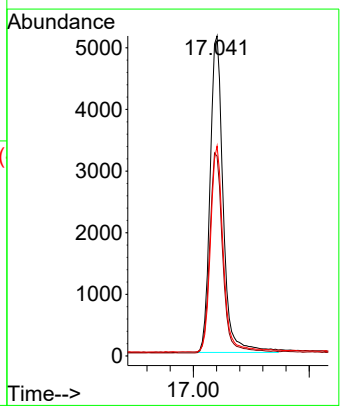


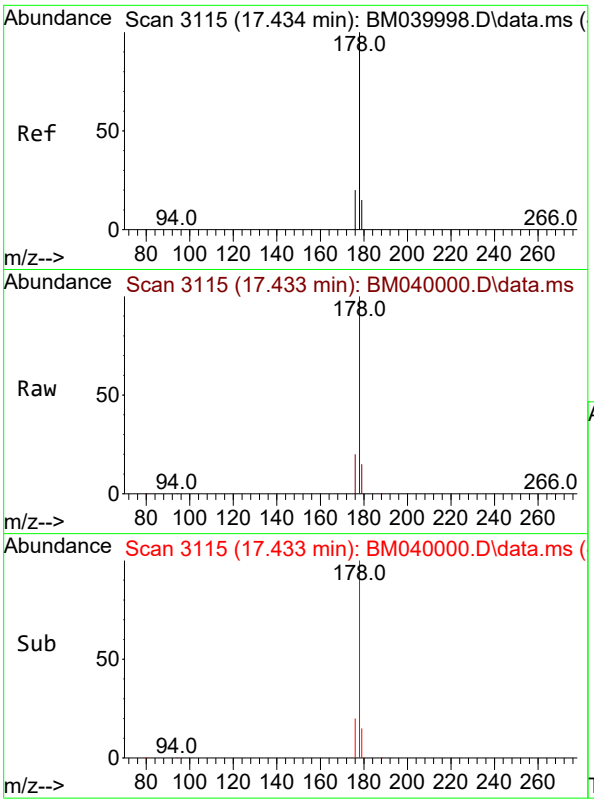


#14
Pentachlorophenol
Concen: 1.725 ng/ul
RT: 17.041 min Scan# 3022
Delta R.T. -0.000 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Tgt Ion:266 Resp: 8031

Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.2	73.8
268	64.1	51.9	77.9



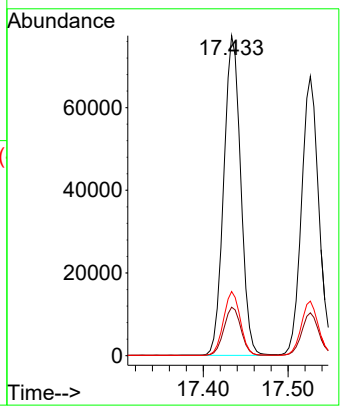


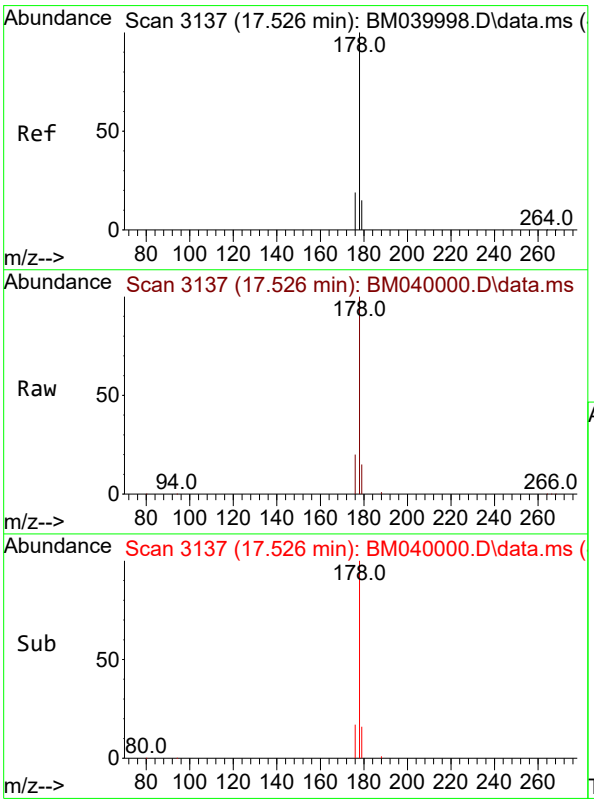
#15
Phenanthrene
Concen: 1.528 ng/ul
RT: 17.433 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:178 Resp: 107074

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	20.1	16.3	24.5

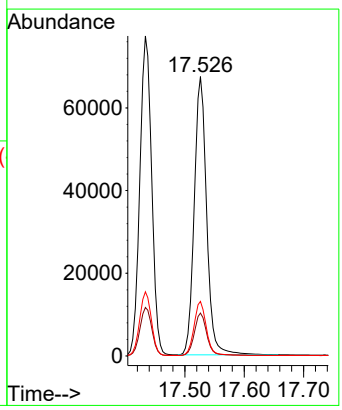


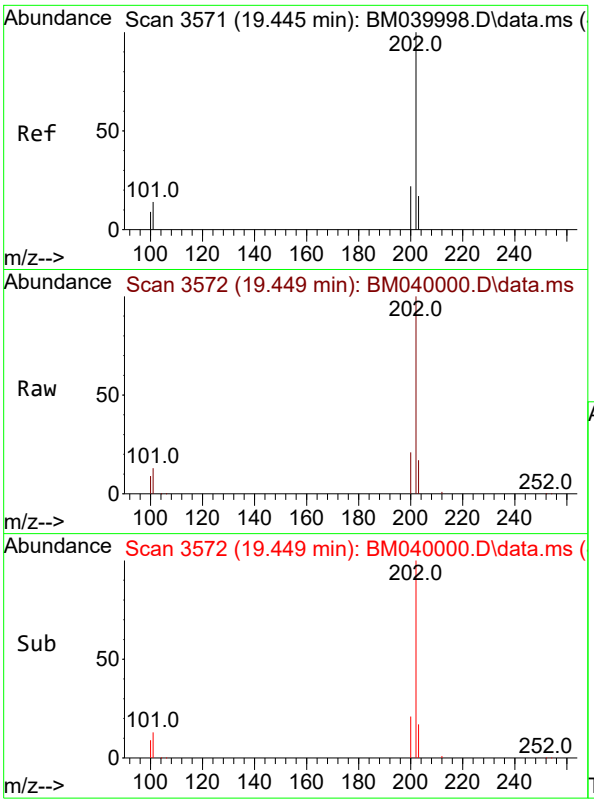


#16
Anthracene
Concen: 1.697 ng/ul
RT: 17.526 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Tgt Ion:178 Resp: 97718

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.5	15.5	23.3



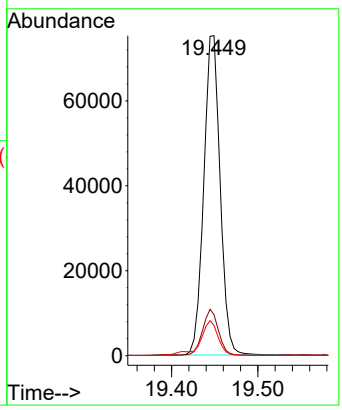


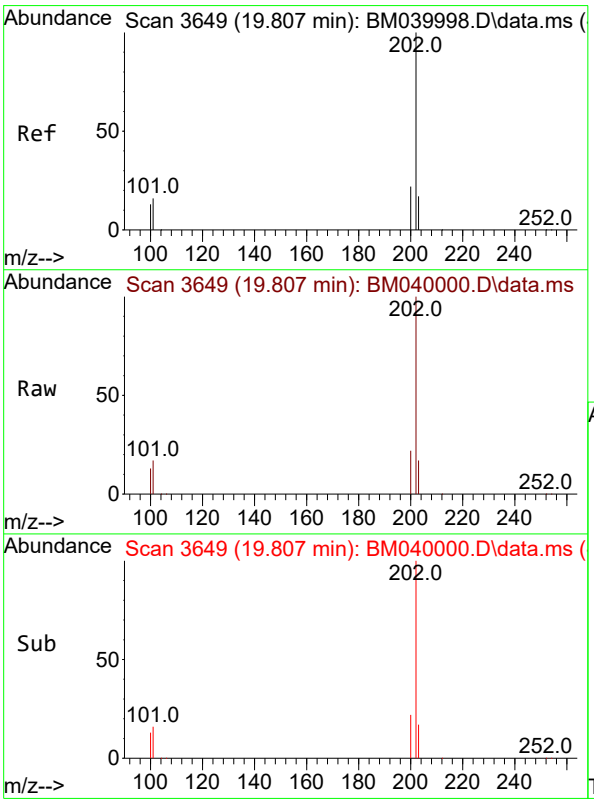
#19
Fluoranthene
Concen: 1.513 ng/ul
RT: 19.449 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:202 Resp: 99362

Ion	Ratio	Lower	Upper
202	100		
101	12.8	11.5	17.3
100	9.4	8.5	12.7

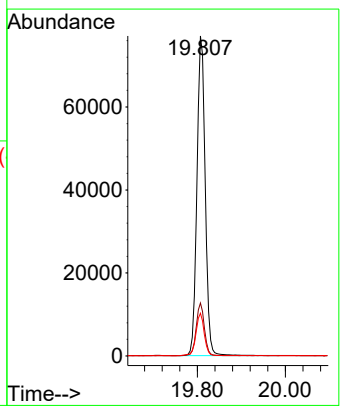


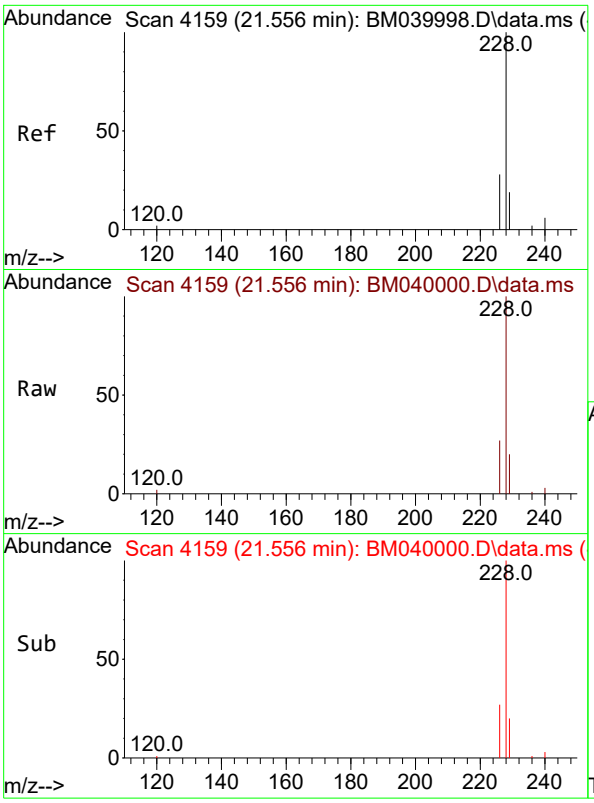


#20
Pyrene
Concen: 1.515 ng/ul
RT: 19.807 min Scan# 3649
Delta R.T. -0.000 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Tgt Ion:202 Resp: 100814

Ion	Ratio	Lower	Upper
202	100		
101	16.6	13.3	19.9
100	13.4	10.9	16.3





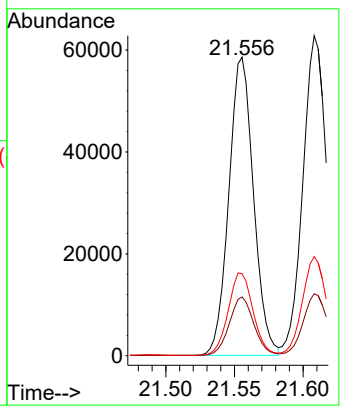
#21
Benzo(a)anthracene
Concen: 1.488 ng/ul
RT: 21.556 min Scan# 4

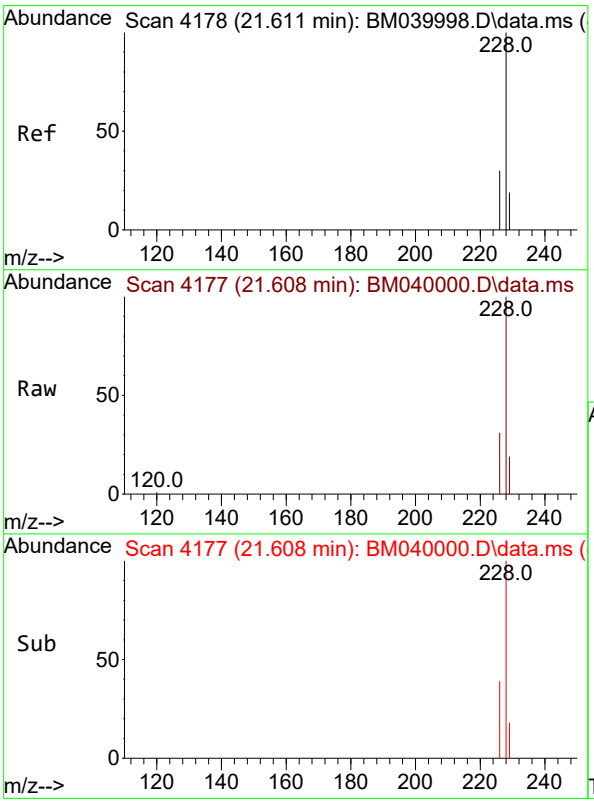
Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Delta R.T. -0.000 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Tgt Ion:228 Resp: 73368

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.6	23.4
226	27.5	22.5	33.7

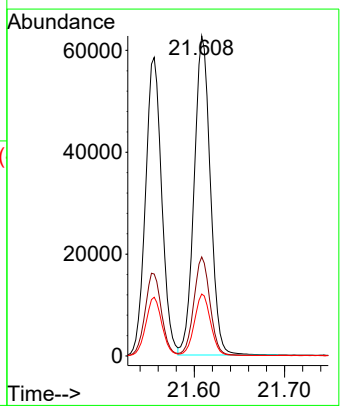


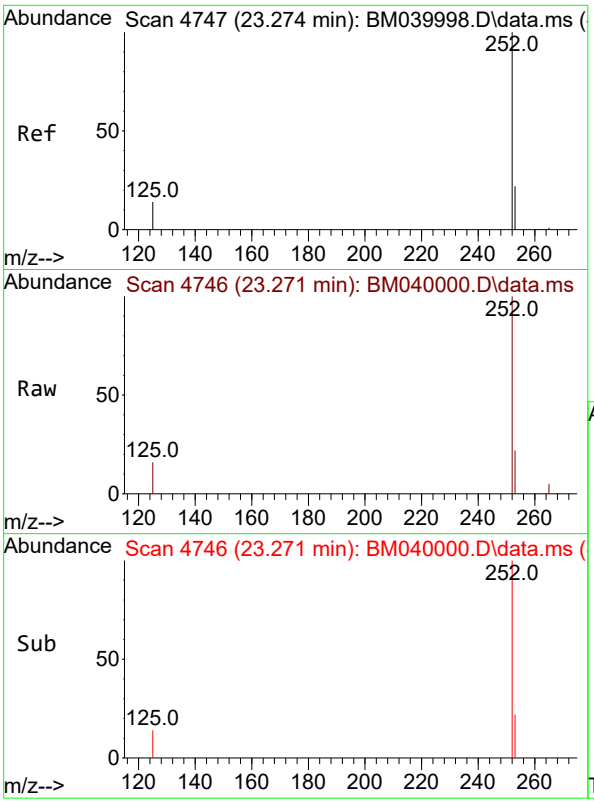


#22
Chrysene
Concen: 1.489 ng/ul
RT: 21.608 min Scan# 4177
Delta R.T. -0.003 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Tgt Ion:228 Resp: 78012

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	36.8
229	19.3	15.6	23.4



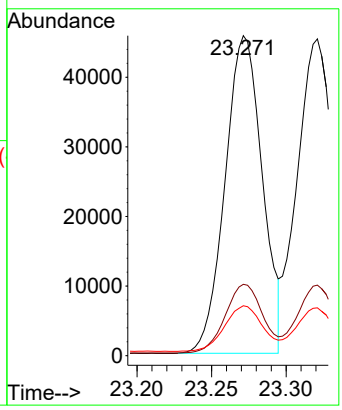


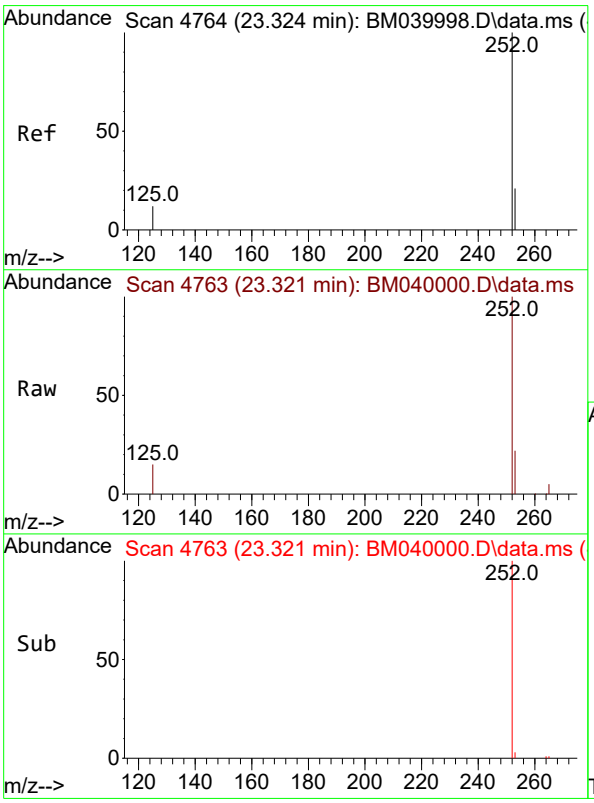
#24
Benzo(b)fluoranthene
Concen: 1.585 ng/ul
RT: 23.271 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:252 Resp: 79191

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	49.8
125	15.6	0.0	39.2

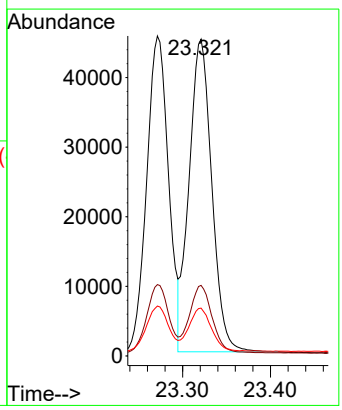


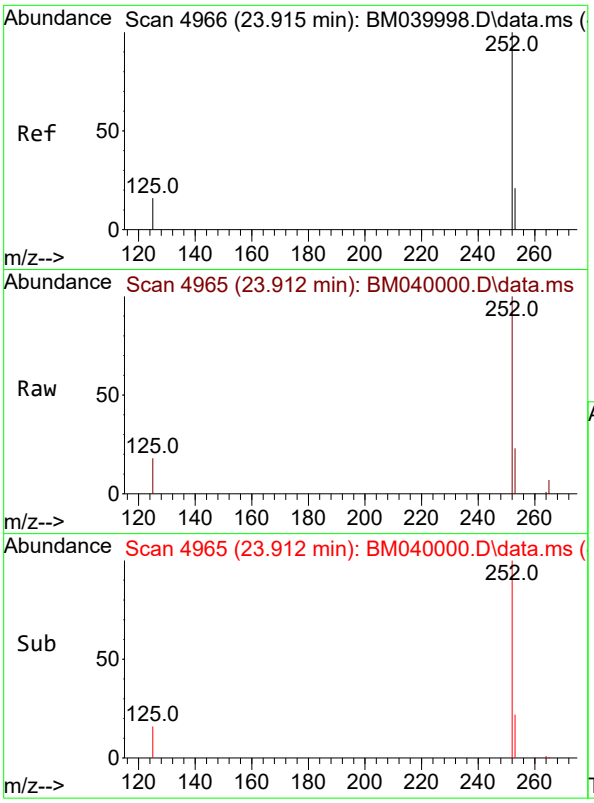


#25
Benzo(k)fluoranthene
Concen: 1.609 ng/ul
RT: 23.321 min Scan# 4763
Delta R.T. -0.003 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Tgt Ion:252 Resp: 80783

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.7	29.5
125	15.1	15.0	22.4



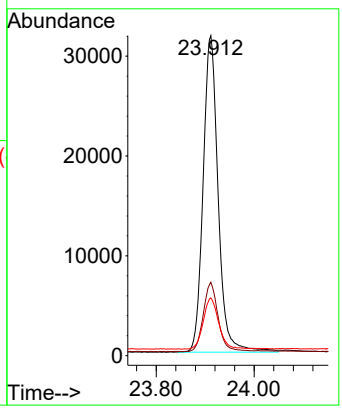


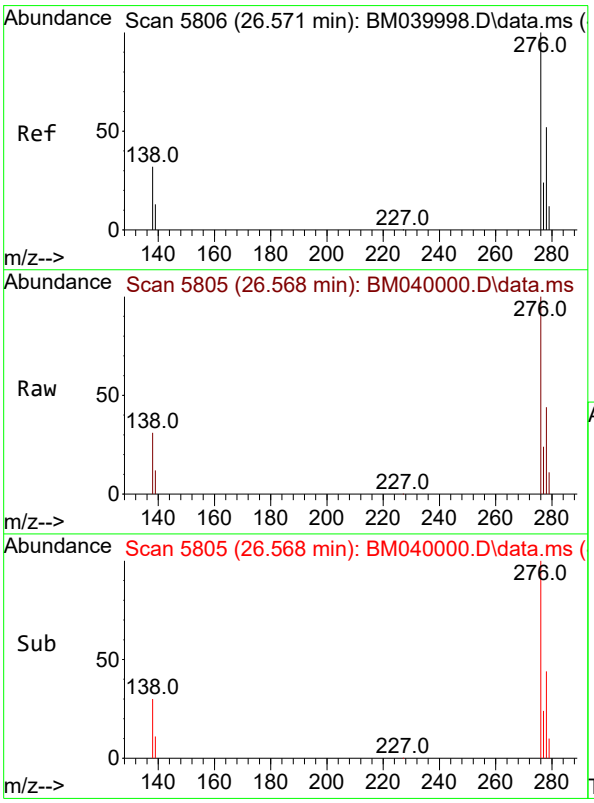
#26
Benzo(a)pyrene
Concen: 1.622 ng/ul
RT: 23.912 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:252 Resp: 67455

Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.6	31.0
125	18.1	19.1	28.7#

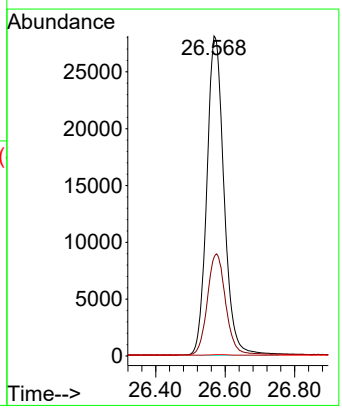


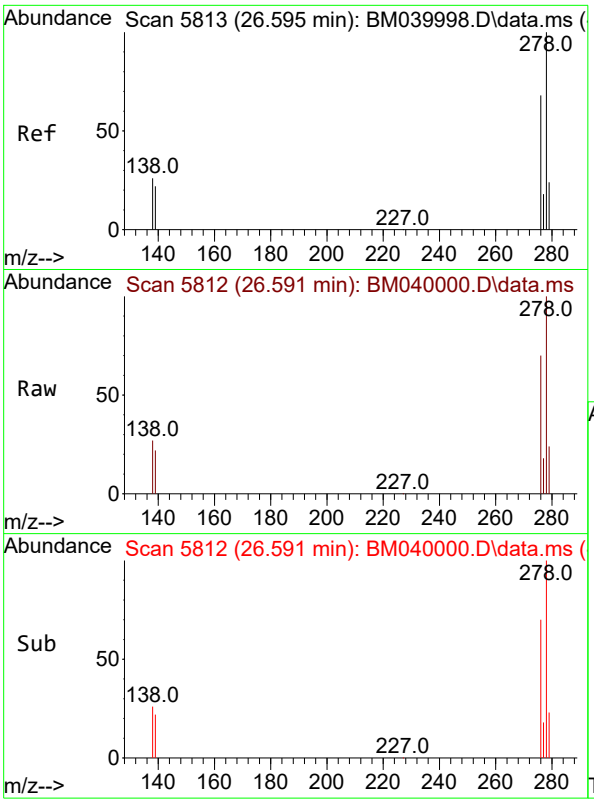


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.611 ng/ul
RT: 26.568 min Scan# 5805
Delta R.T. -0.004 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Tgt Ion:276 Resp: 96580

Ion	Ratio	Lower	Upper
276	100		
138	33.6	26.9	40.3
227	0.2	0.1	0.1#



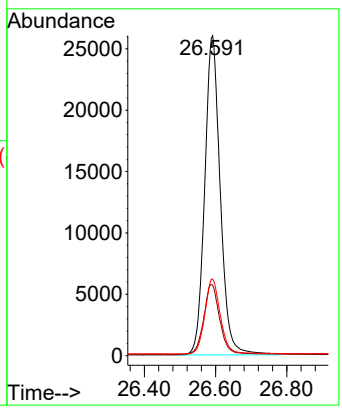


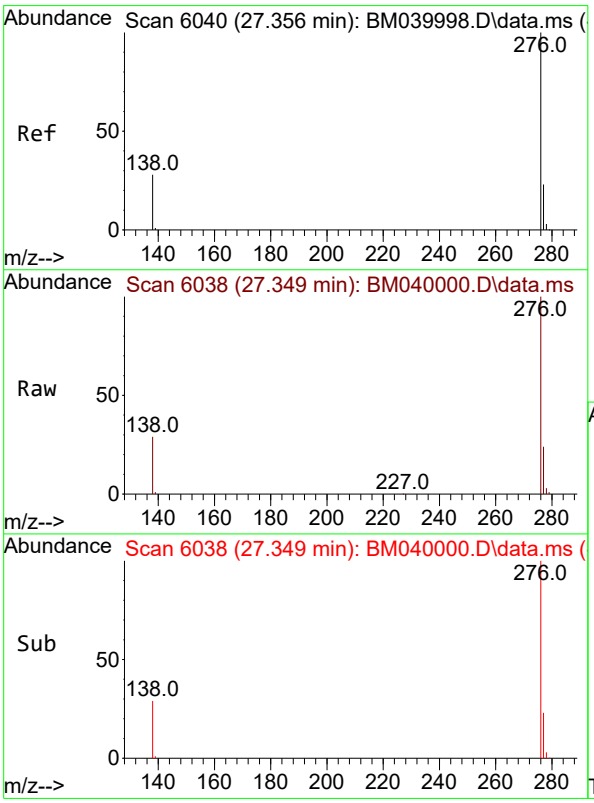
#28
Dibenzo(a,h)anthracene
Concen: 1.637 ng/ul
RT: 26.591 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:278 Resp: 79057

Ion	Ratio	Lower	Upper
278	100		
139	22.1	19.0	28.4
279	23.9	20.6	31.0





#29
Benzo(g,h,i)perylene
Concen: 1.593 ng/ul
RT: 27.349 min Scan# 6038
Delta R.T. -0.007 min
Lab File: BM040000.D
Acq: 25 May 2023 13:48

Tgt Ion:276 Resp: 78468

Ion	Ratio	Lower	Upper
276	100		
138	29.1	23.9	35.9
277	23.5	19.5	29.3