Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030323\
Data File : BM038855.D
Acq On : 03 Mar 2023 11:45
Operator : CG/JU
Sample : SSTD1.638
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Quant Time: Mar 03 21:52:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 21:49:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	5807	0.400	ng/ul	0.00
4) Naphthalene-d8	10.826	136	18720	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	10548	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	21418	0.400	ng/ul	0.00
17) Chrysene-d12	21.561	240	19871	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	15167	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	10405	1.697	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	36259	1.117	ng/ul	0.00
18) Fluoranthene-d10	19.406	212	72703	1.252	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.420	88	10595	1.812	ng/ul	94
5) Naphthalene	10.875	128	70760	1.543	ng/ul	99
7) 2-Methylnaphthalene	12.481	142	44343	1.351	ng/ul	100
8) 1-Methylnaphthalene	12.695	142	46308	1.381	ng/ul	98
10) Acenaphthylene	14.362	152	62663	1.394	ng/ul	100
11) Acenaphthene	14.705	153	50154	1.468	ng/ul	99
12) Fluorene	15.690	166	57946	1.420	ng/ul	100
14) Pentachlorophenol	17.031	266	8441	1.421	ng/ul	99
15) Phenanthrene	17.427	178	90300	1.412	ng/ul	98
16) Anthracene	17.516	178	81354	1.383	ng/ul	98
19) Fluoranthene	19.438	202	107270	1.365	ng/ul	98
20) Pyrene	19.801	202	110020	1.309	ng/ul	96
21) Benzo(a)anthracene	21.544	228	91641	1.378	ng/ul	99
22) Chrysene	21.599	228	103197	1.484	ng/ul	100
24) Benzo(b)fluoranthene	23.262	252	98595	1.803	ng/ul	95
25) Benzo(k)fluoranthene	23.312	252	102630	1.889	ng/ul#	95
26) Benzo(a)pyrene	23.900	252	83488	1.705	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.564	276	105712	1.385	ng/ul	100
28) Dibenzo(a,h)anthracene	26.588	278	82141	1.371	ng/ul	95
29) Benzo(g,h,i)perylene	27.346	276	95307	1.397	ng/ul	98

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

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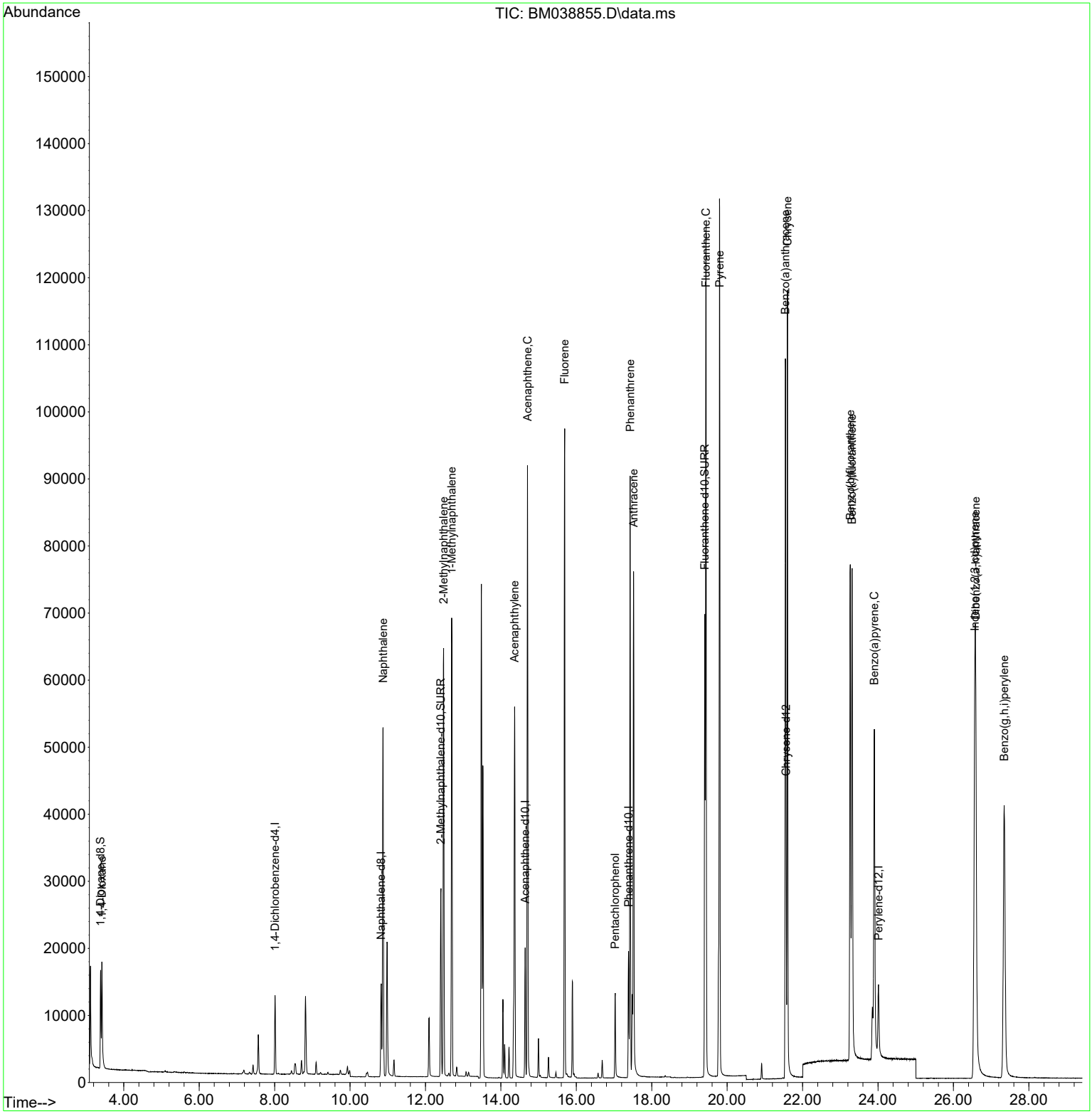
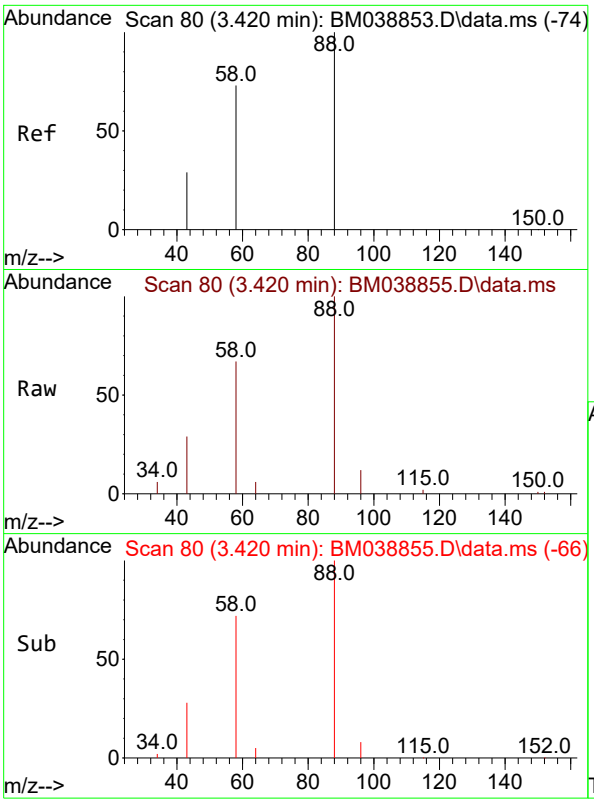


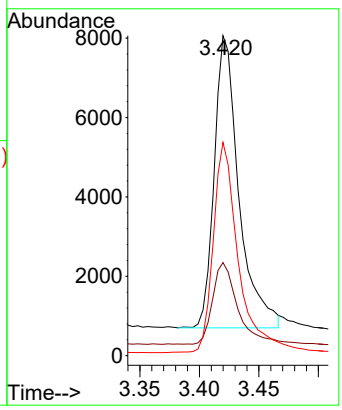


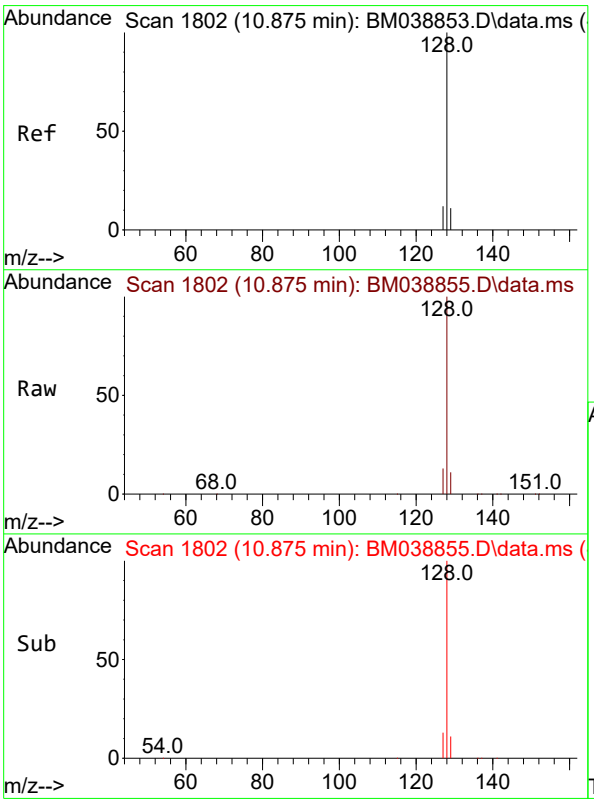
#2
1,4-Dioxane
Concen: 1.812 ng/ul
RT: 3.420 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion: 88 Resp: 10595

Ion	Ratio	Lower	Upper
88	100		
43	29.1	27.2	40.8
58	66.6	50.8	76.2

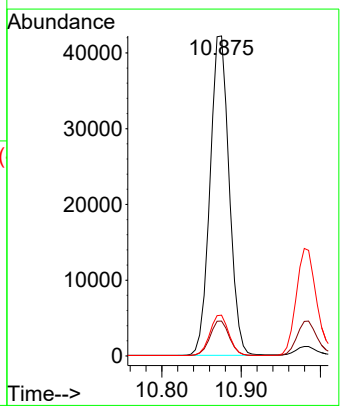


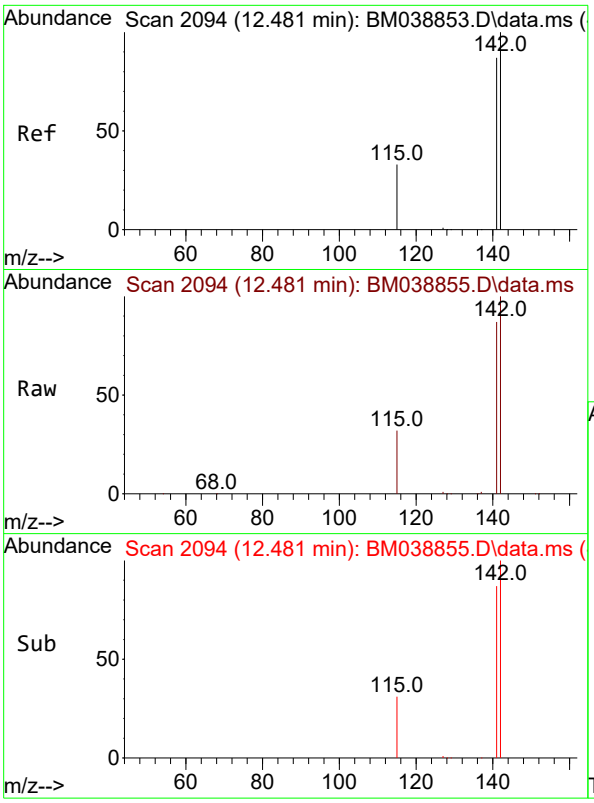


#5
Naphthalene
Concen: 1.543 ng/ul
RT: 10.875 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Tgt Ion:128 Resp: 70760

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	12.8	10.3	15.5



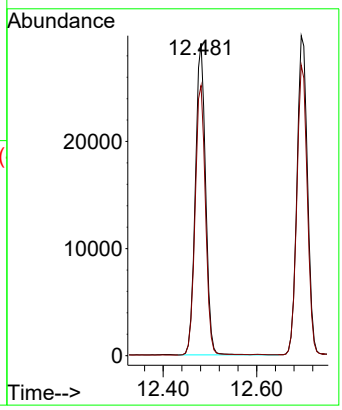


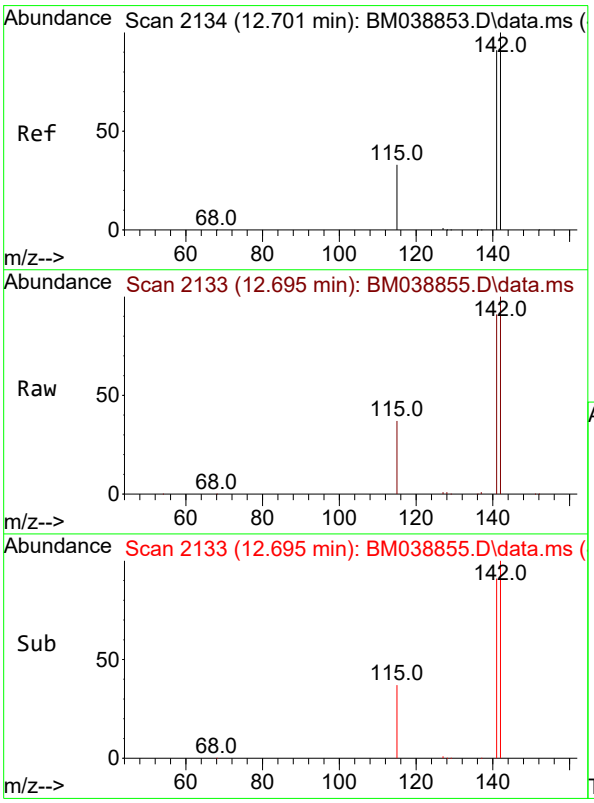
#7
2-Methylnaphthalene
Concen: 1.351 ng/ul
RT: 12.481 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:142 Resp: 44343

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.9	104.9

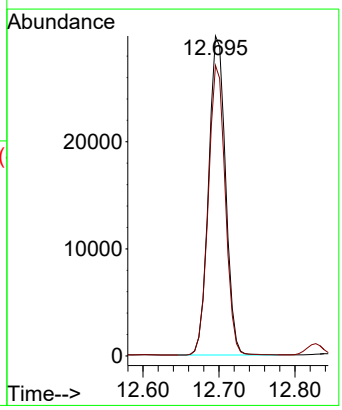


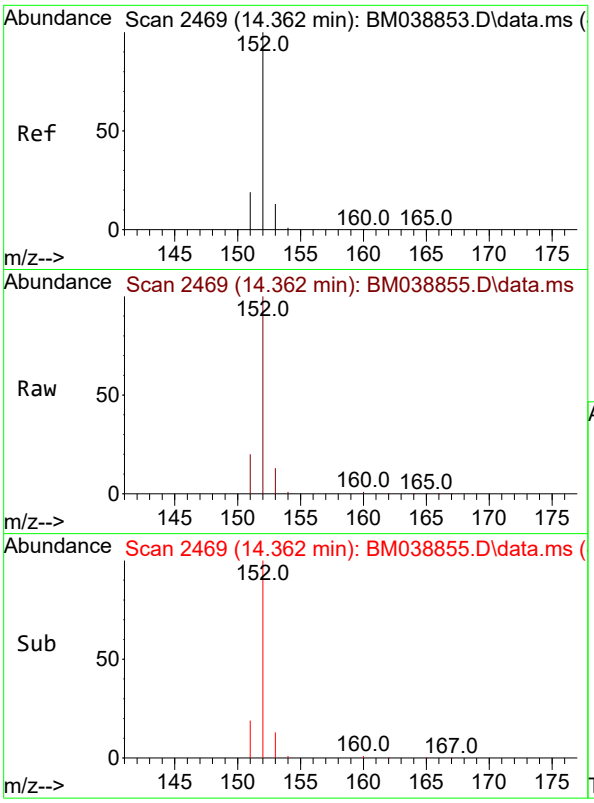


#8
1-Methylnaphthalene
Concen: 1.381 ng/ul
RT: 12.695 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Tgt Ion:142 Resp: 46308

Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.5	110.3



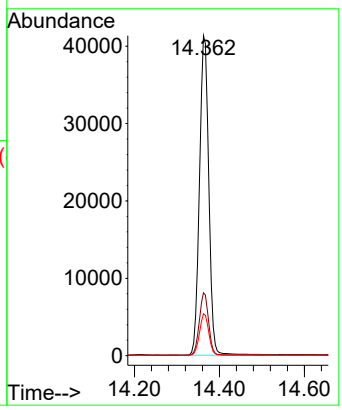


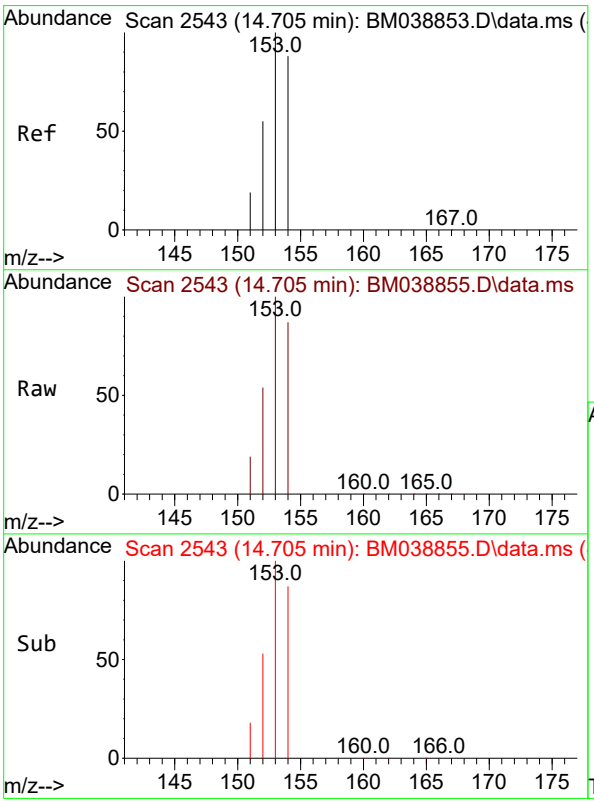
#10
Acenaphthylene
Concen: 1.394 ng/ul
RT: 14.362 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:152 Resp: 62663

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.1	10.6	15.8

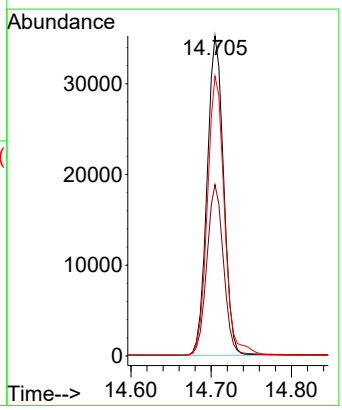


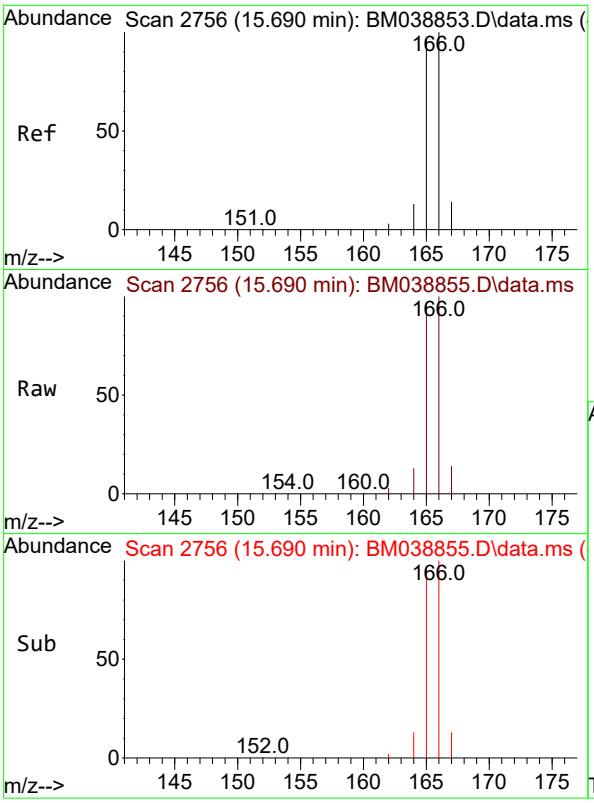


#11
Acenaphthene
Concen: 1.468 ng/ul
RT: 14.705 min Scan# 2543
Delta R.T. 0.000 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Tgt Ion:153 Resp: 50154

Ion	Ratio	Lower	Upper
153	100		
152	53.5	44.2	66.2
154	87.5	70.6	105.8



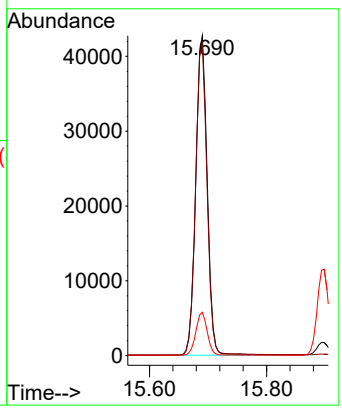


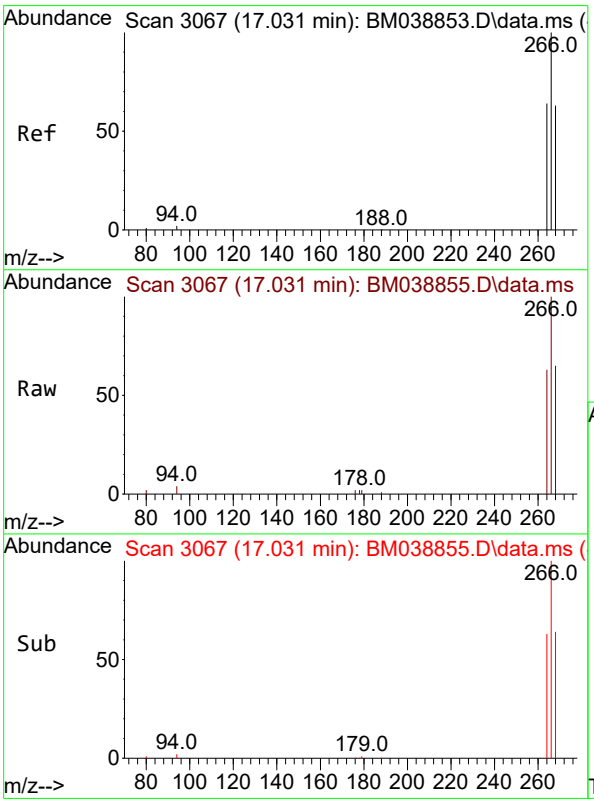
#12
Fluorene
Concen: 1.420 ng/ul
RT: 15.690 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:166 Resp: 57946

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.8	116.6
167	13.5	11.4	17.2

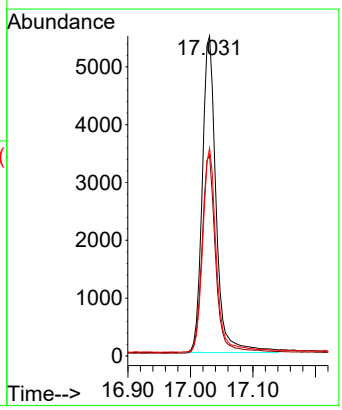


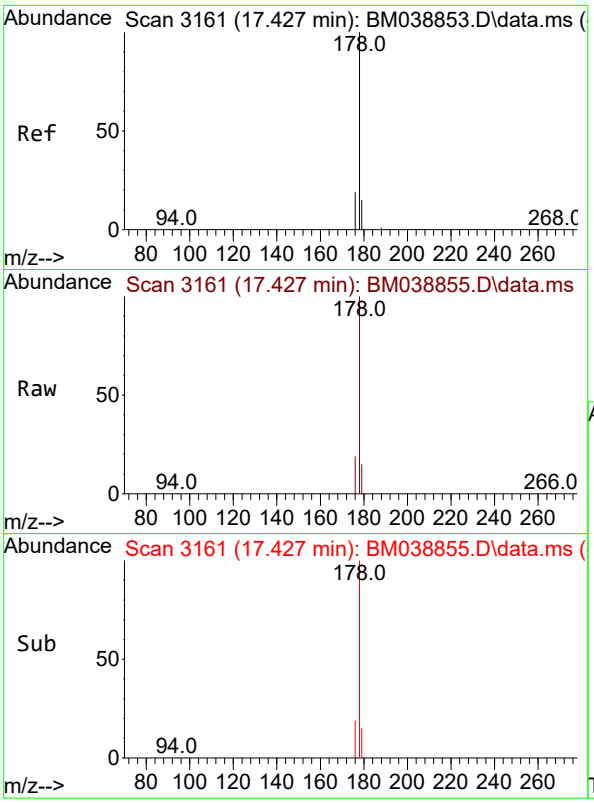


#14
Pentachlorophenol
Concen: 1.421 ng/ul
RT: 17.031 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Tgt Ion:266 Resp: 8441

Ion	Ratio	Lower	Upper
266	100		
264	62.1	50.2	75.2
268	63.9	50.2	75.4



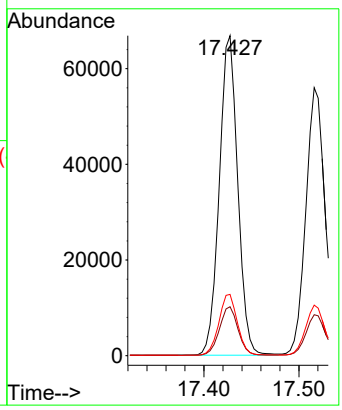


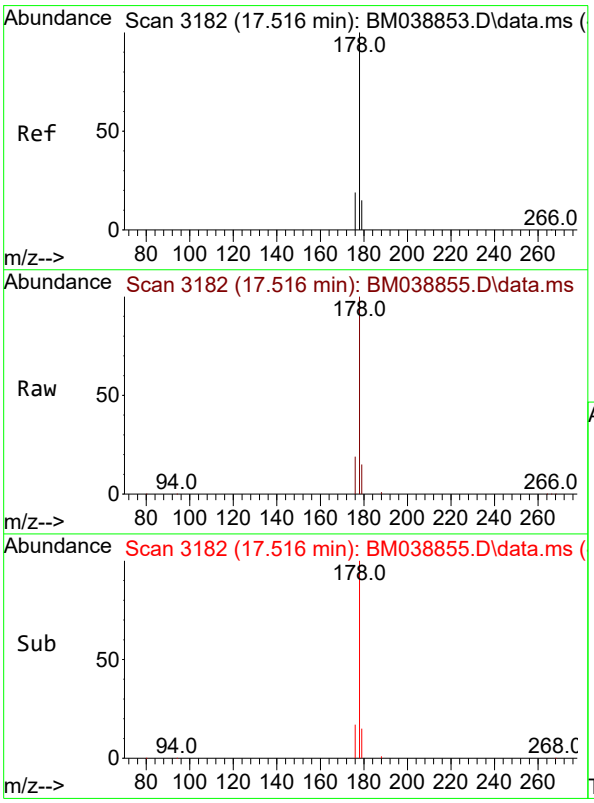
#15
Phenanthrene
Concen: 1.412 ng/ul
RT: 17.427 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:178 Resp: 90300

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.7	19.1
176	19.1	15.9	23.9

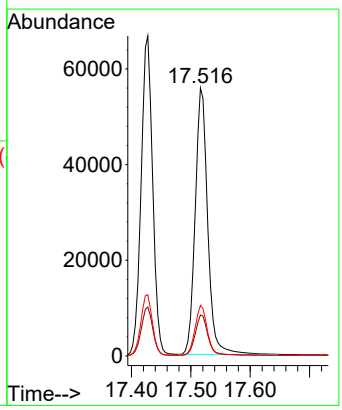


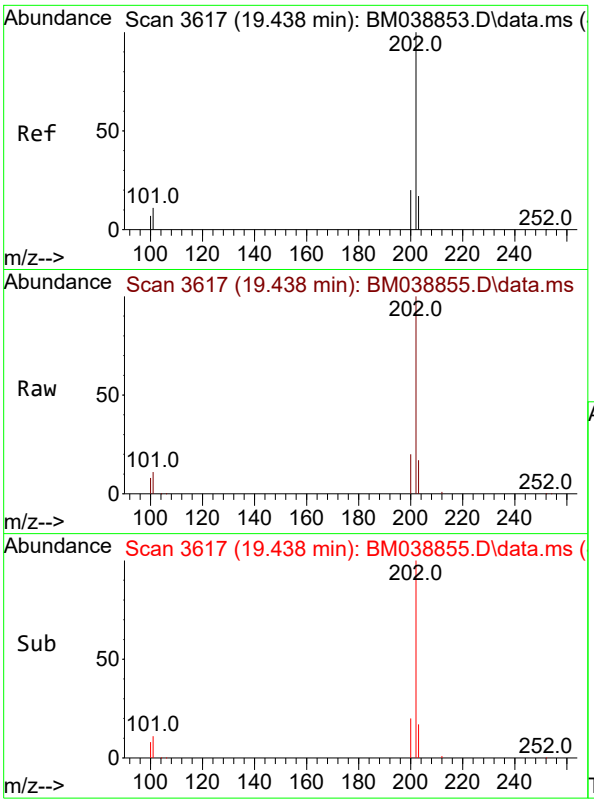


#16
Anthracene
Concen: 1.383 ng/ul
RT: 17.516 min Scan# 3182
Delta R.T. 0.000 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Tgt Ion:178 Resp: 81354

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.0	19.6
176	18.9	15.4	23.2



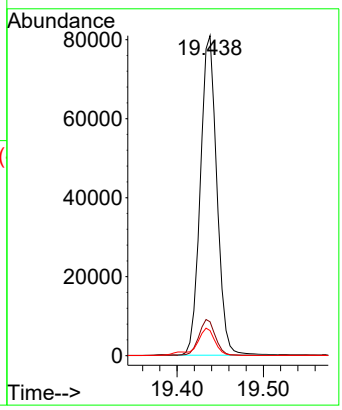


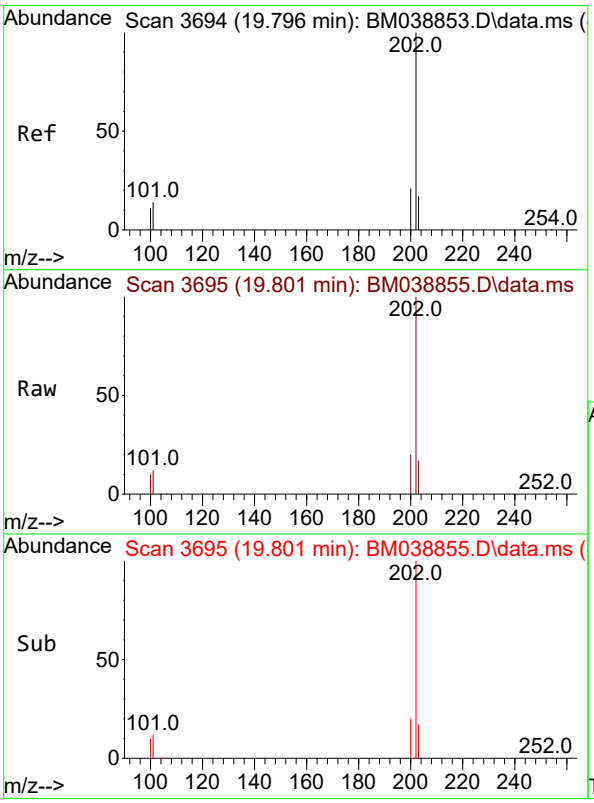
#19
Fluoranthene
Concen: 1.365 ng/ul
RT: 19.438 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:202 Resp: 107270

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.9	13.3
100	7.8	6.8	10.2

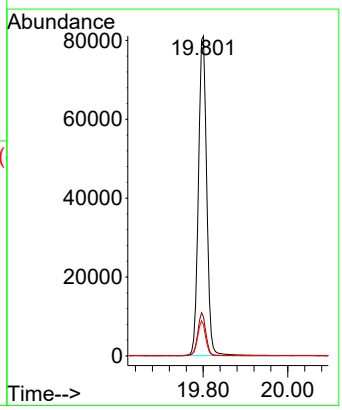


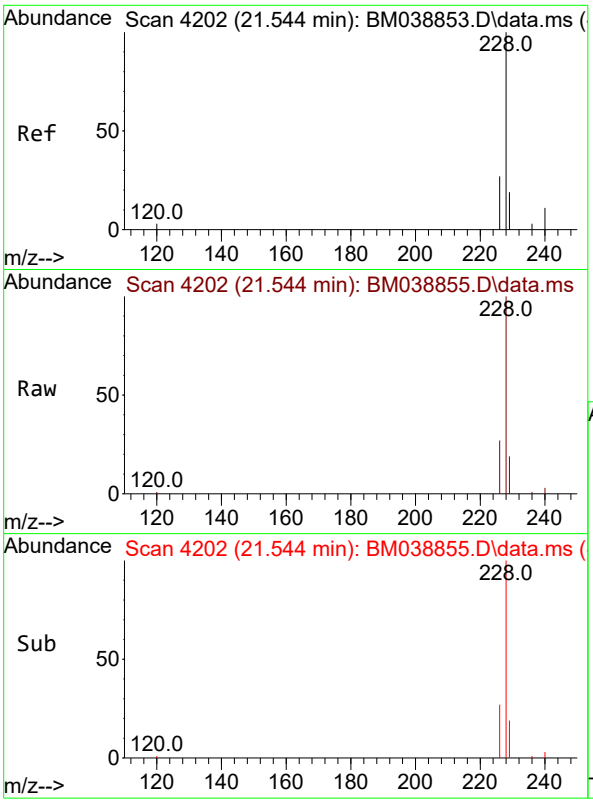


#20
Pyrene
Concen: 1.309 ng/ul
RT: 19.801 min Scan# 3695
Delta R.T. 0.005 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Tgt Ion:202 Resp: 110020

Ion	Ratio	Lower	Upper
202	100		
101	12.3	11.2	16.8
100	9.7	9.0	13.6



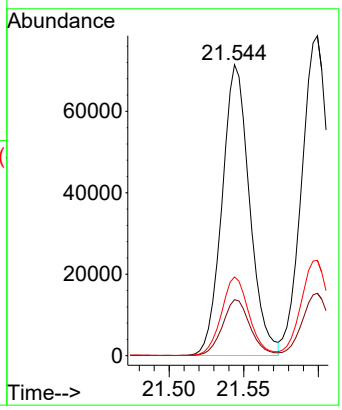


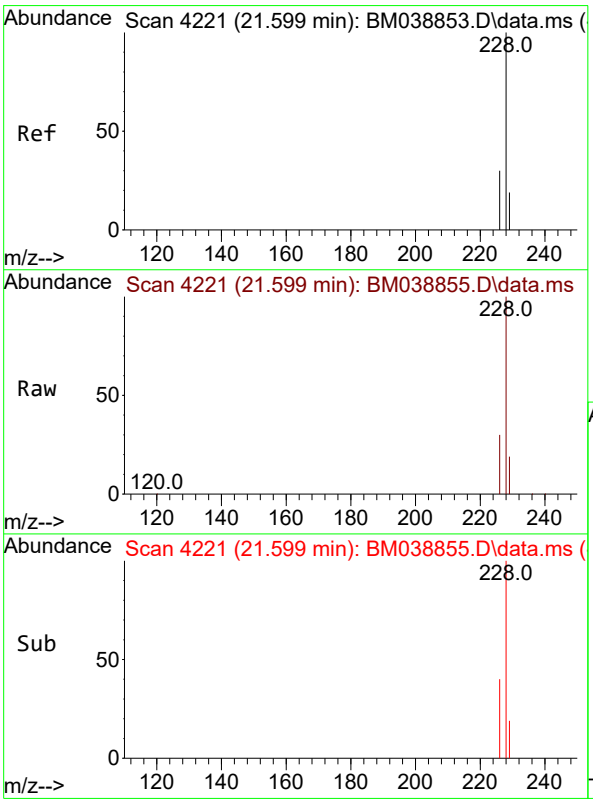
#21
Benzo(a)anthracene
Concen: 1.378 ng/ul
RT: 21.544 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:228 Resp: 91641

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.6	23.4
226	27.1	22.0	33.0

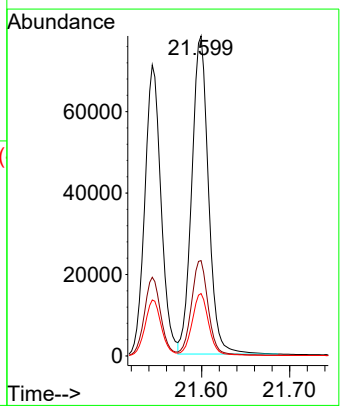


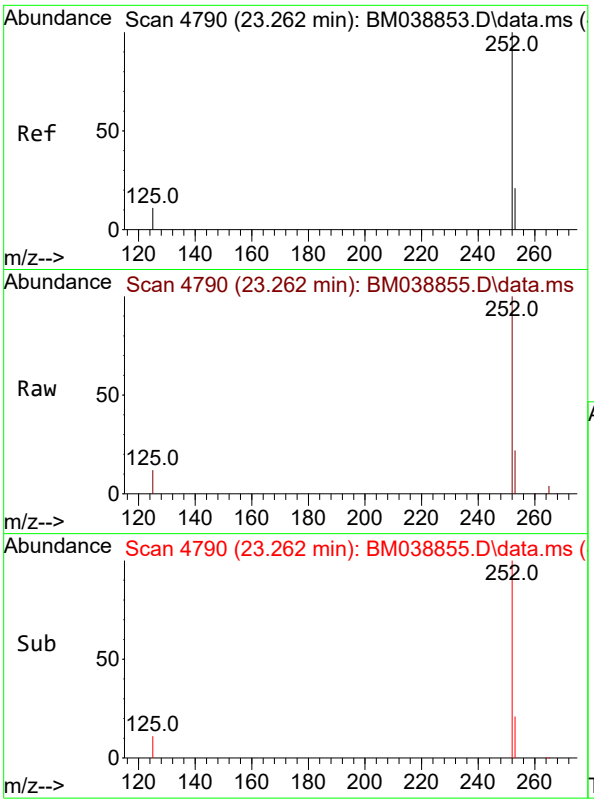


#22
Chrysene
Concen: 1.484 ng/ul
RT: 21.599 min Scan# 4221
Delta R.T. 0.000 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Tgt Ion:228 Resp: 103197

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	19.5	15.7	23.5



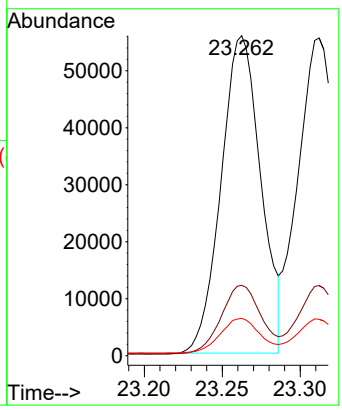


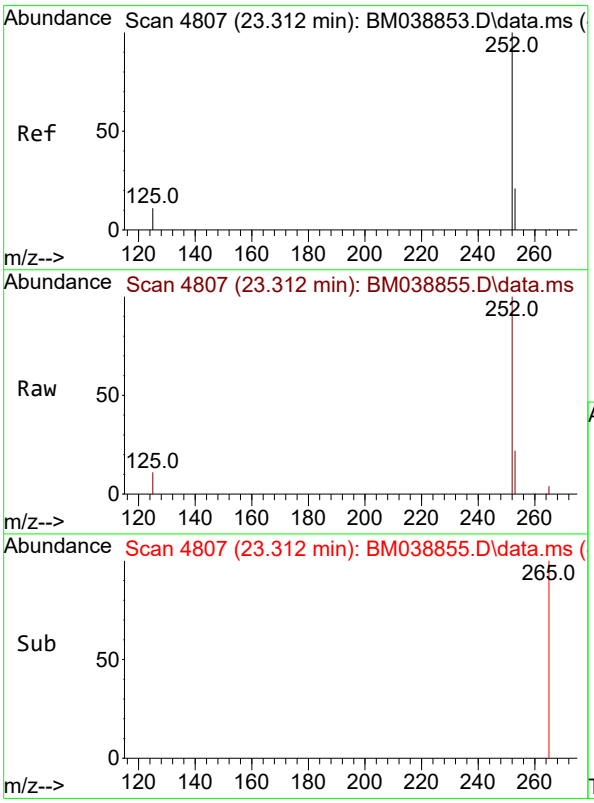
#24
Benzo(b)fluoranthene
Concen: 1.803 ng/ul
RT: 23.262 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:252 Resp: 98595

Ion	Ratio	Lower	Upper
252	100		
253	22.0	0.0	47.6
125	11.7	0.0	29.2

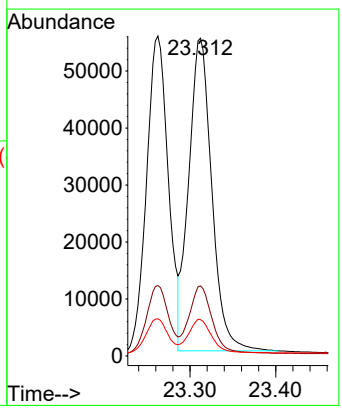


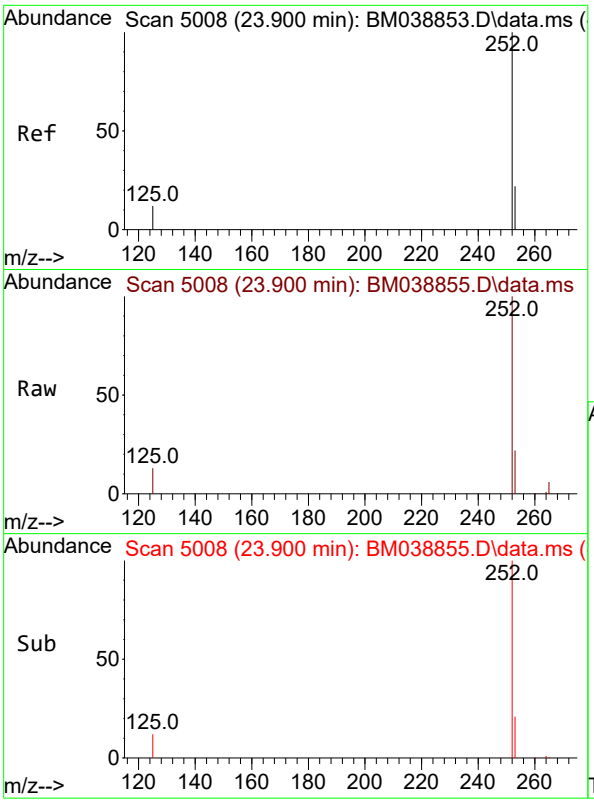


#25
Benzo(k)fluoranthene
Concen: 1.889 ng/ul
RT: 23.312 min Scan# 4807
Delta R.T. 0.000 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Tgt Ion:252 Resp: 102630

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.2	28.8
125	11.4	11.8	17.6#



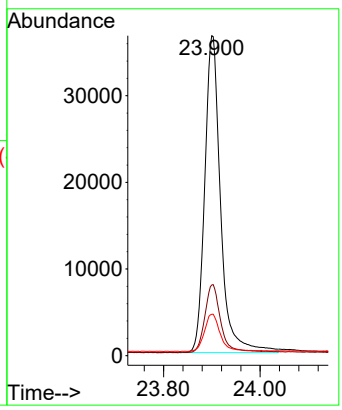


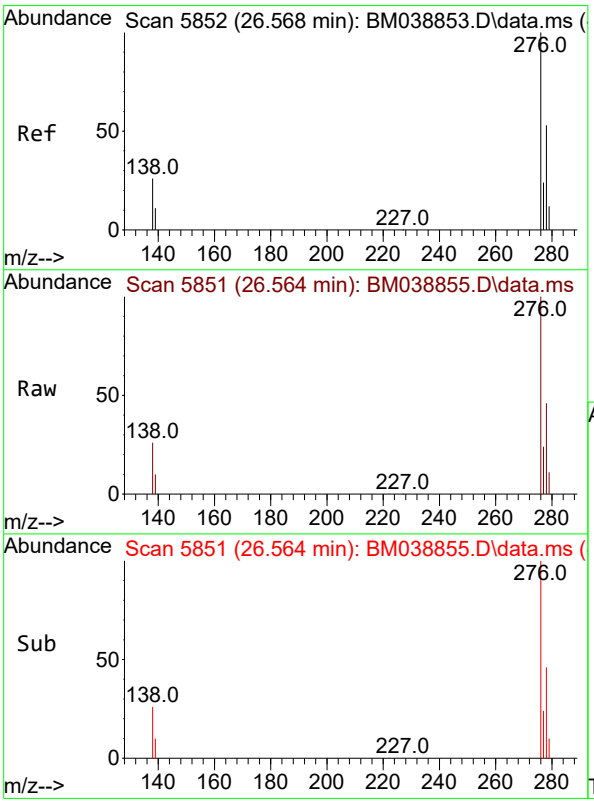
#26
Benzo(a)pyrene
Concen: 1.705 ng/ul
RT: 23.900 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:252 Resp: 83488

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.3	30.5
125	13.0	14.0	21.0#

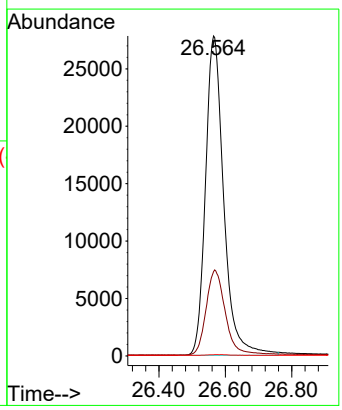


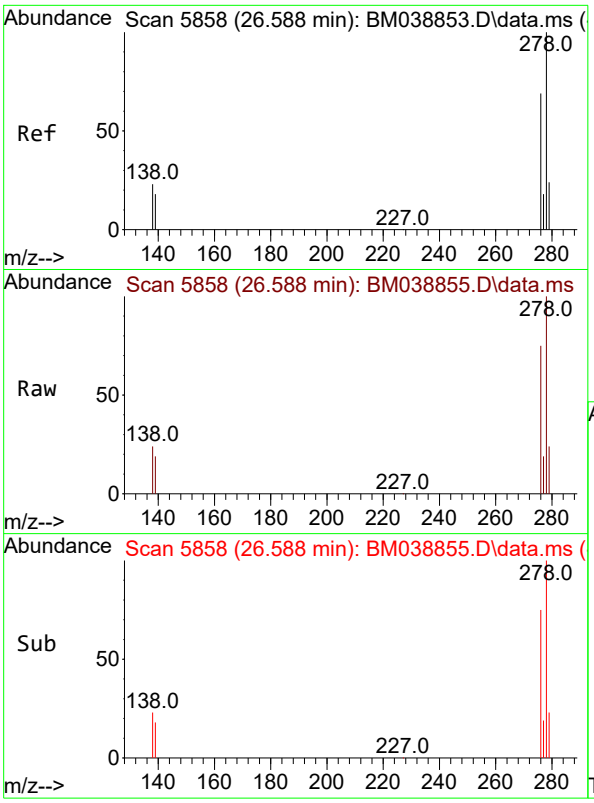


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.385 ng/ul
RT: 26.564 min Scan# 5851
Delta R.T. -0.003 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Tgt Ion:276 Resp: 105712

Ion	Ratio	Lower	Upper
276	100		
138	28.0	22.2	33.4
227	0.2	0.2	0.2



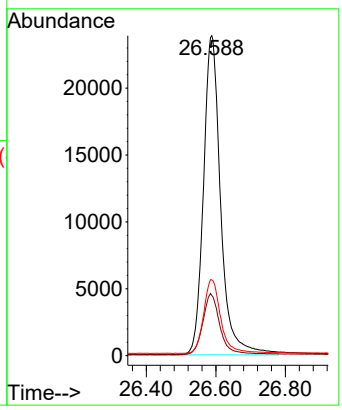


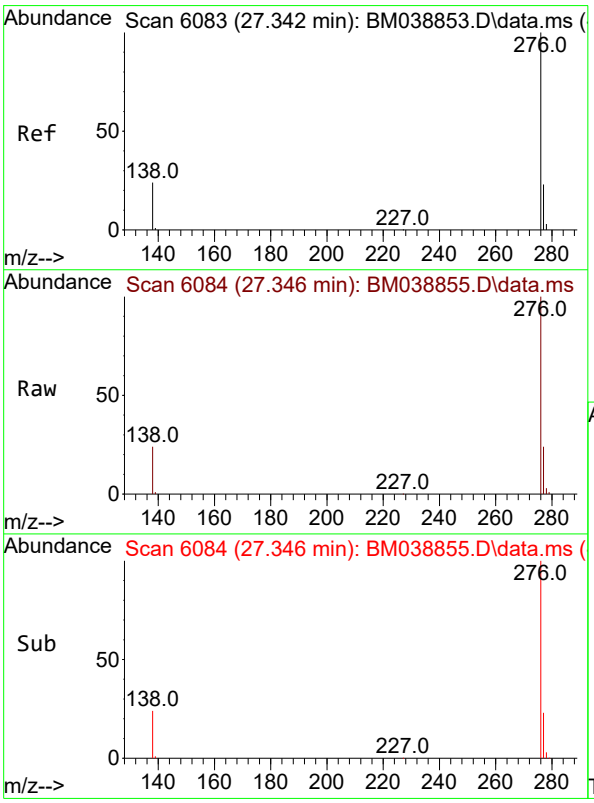
#28
Dibenzo(a,h)anthracene
Concen: 1.371 ng/ul
RT: 26.588 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:278 Resp: 82141

Ion	Ratio	Lower	Upper
278	100		
139	18.8	16.0	24.0
279	23.7	21.8	32.6





#29
Benzo(g,h,i)perylene
Concen: 1.397 ng/ul
RT: 27.346 min Scan# 6084
Delta R.T. 0.003 min
Lab File: BM038855.D
Acq: 03 Mar 2023 11:45

Tgt Ion:276 Resp: 95307

Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.2	30.4
277	23.7	19.8	29.8