Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
Data File : BM039899.D
Acq On : 09 May 2023 19:05
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4104

Quant Time: May 10 00:28:16 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 12:11:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.774	152	2416	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.578	136	8764	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.437	164	5571	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	13191	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	16218	0.400	ng/ul	# 0.00
23) Perylene-d12	23.754	264	9598	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	1536	0.431	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	4790	0.426	ng/ul	-0.02
18) Fluoranthene-d10	19.229	212	10988	0.252	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	1233	0.334	ng/ul#	1
5) Naphthalene	10.628	128	8037	0.365	ng/ul	99
7) 2-Methylnaphthalene	12.250	142	5423	0.427	ng/ul	98
8) 1-Methylnaphthalene	12.470	142	5679	0.417	ng/ul	99
10) Acenaphthylene	14.154	152	9522	0.442	ng/ul	99
11) Acenaphthene	14.497	153	6593	0.389	ng/ul	99
12) Fluorene	15.491	166	7870	0.419	ng/ul	98
14) Pentachlorophenol	16.866	266	3000	1.044	ng/ul	98
15) Phenanthrene	17.233	178	15896	0.457	ng/ul	99
16) Anthracene	17.326	178	14798	0.496	ng/ul	99
19) Fluoranthene	19.262	202	29830	0.516	ng/ul	95
20) Pyrene	19.624	202	35707	0.571	ng/ul	98
21) Benzo(a)anthracene	21.380	228	27347	0.586	ng/ul	95
22) Chrysene	21.433	228	33646	0.638	ng/ul	96
24) Benzo(b)fluoranthene	23.035	252	21724	0.644	ng/ul	84
25) Benzo(k)fluoranthene	23.081	252	21581	0.629	ng/ul#	83
26) Benzo(a)pyrene	23.649	252	14268	0.471	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.192	276	16384	0.428	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.202	278	12661	0.426	ng/ul#	73
29) Benzo(g,h,i)perylene	26.947	276	13801	0.414	ng/ul#	81

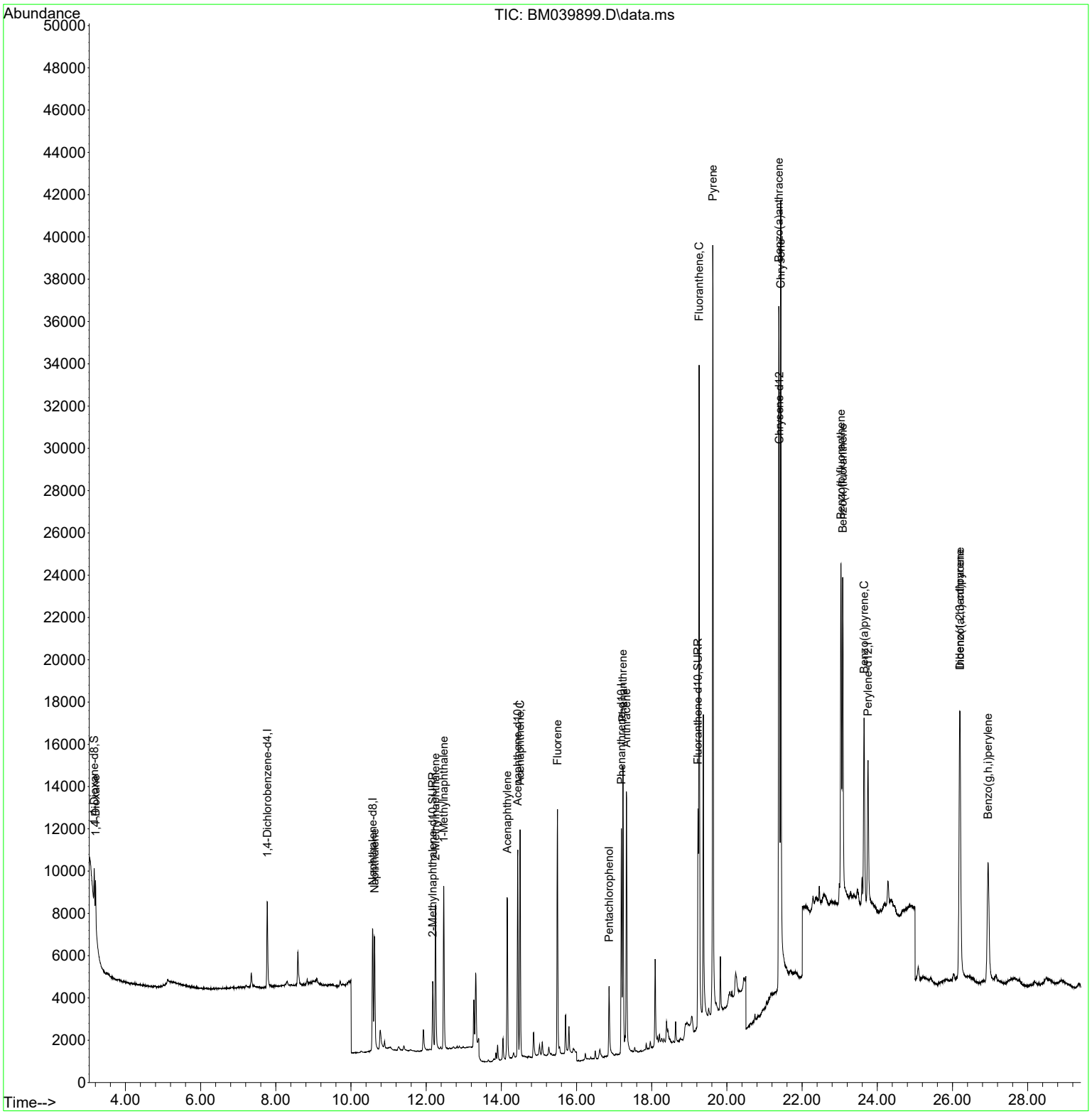
(#) = qualifier out of range (m) = manual integration (+) = signals summed

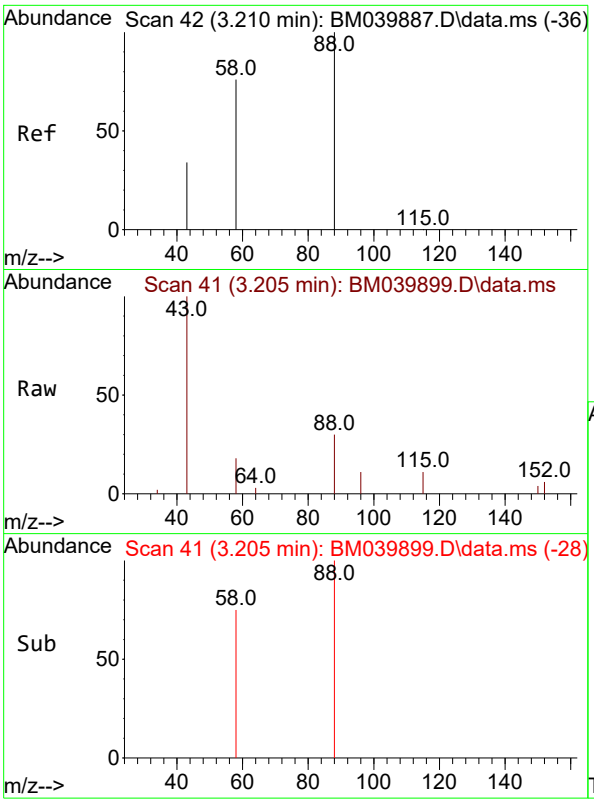
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
Data File : BM039899.D
Acq On : 09 May 2023 19:05
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4104

Quant Time: May 10 00:28:16 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 12:11:48 2023
Response via : Initial Calibration



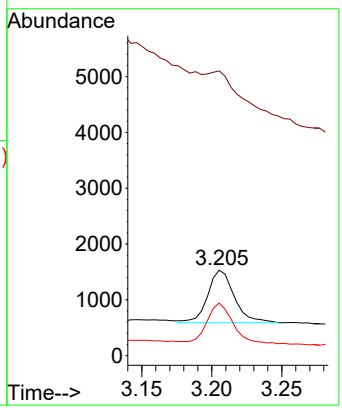


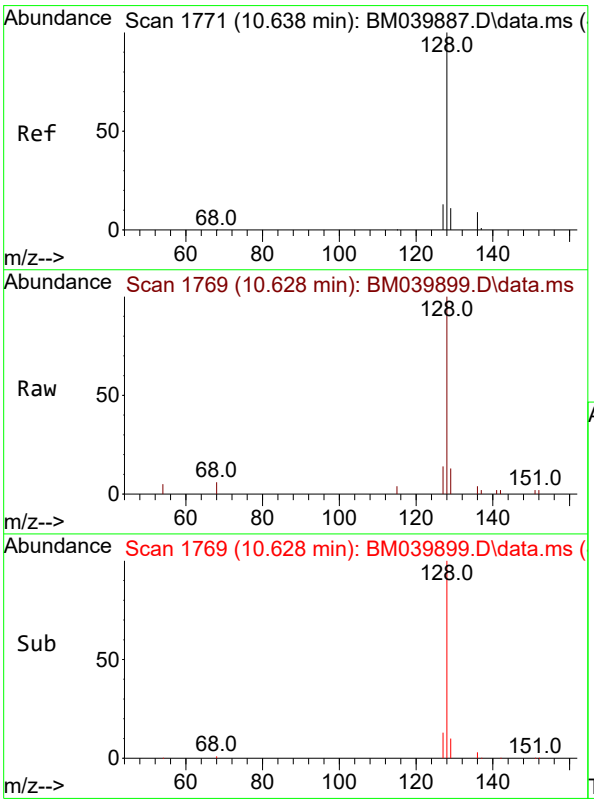
#2
1,4-Dioxane
Concen: 0.334 ng/ul
RT: 3.205 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4104

Tgt Ion: 88 Resp: 1233

Ion	Ratio	Lower	Upper
88	100		
43	333.3	102.6	153.8#
58	61.7	40.6	61.0#

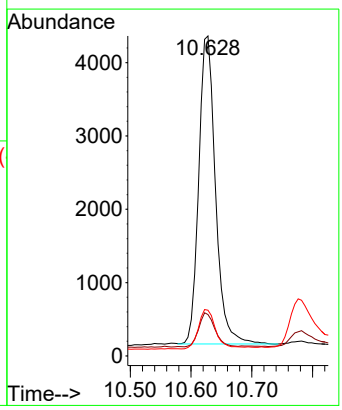


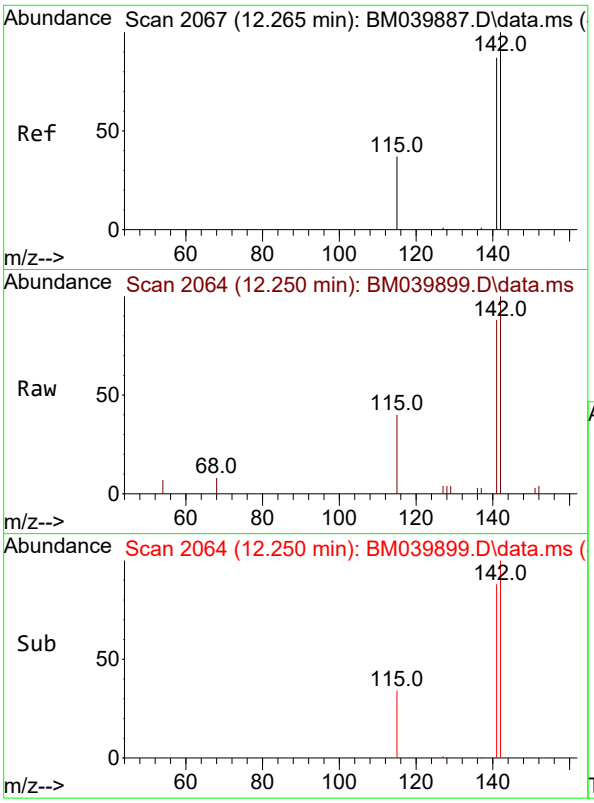


#5
Naphthalene
Concen: 0.365 ng/ul
RT: 10.628 min Scan# 1769
Delta R.T. -0.010 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Tgt Ion:128 Resp: 8037

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.8	14.6
127	14.3	11.1	16.7



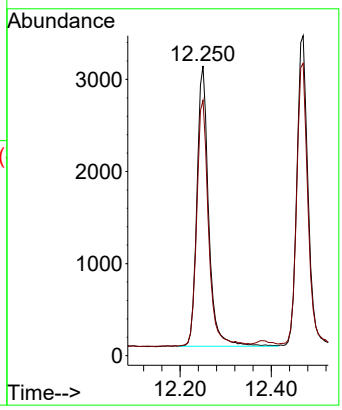


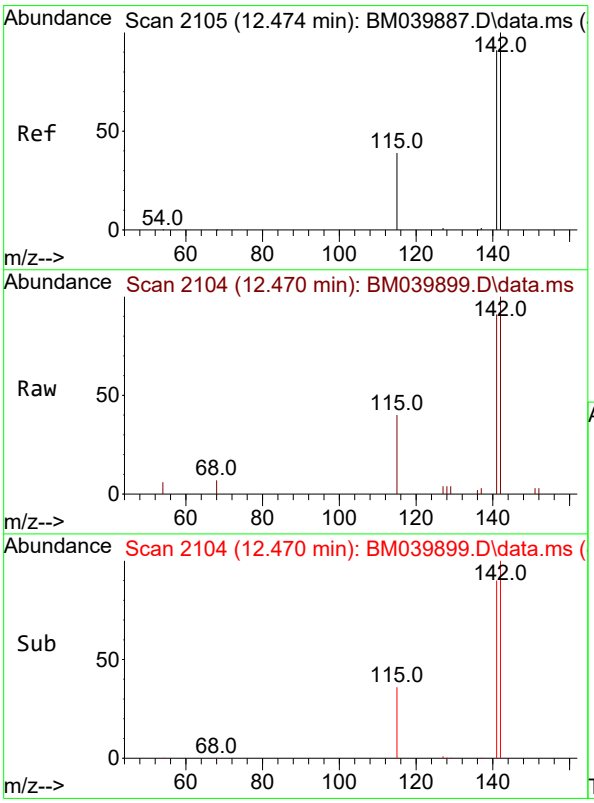
#7
2-Methylnaphthalene
Concen: 0.427 ng/ul
RT: 12.250 min Scan# 2
Delta R.T. -0.015 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4104

Tgt Ion:142 Resp: 5423

Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.2	109.8

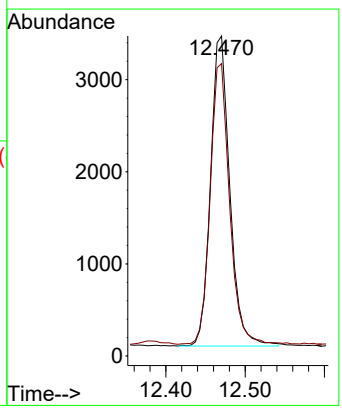


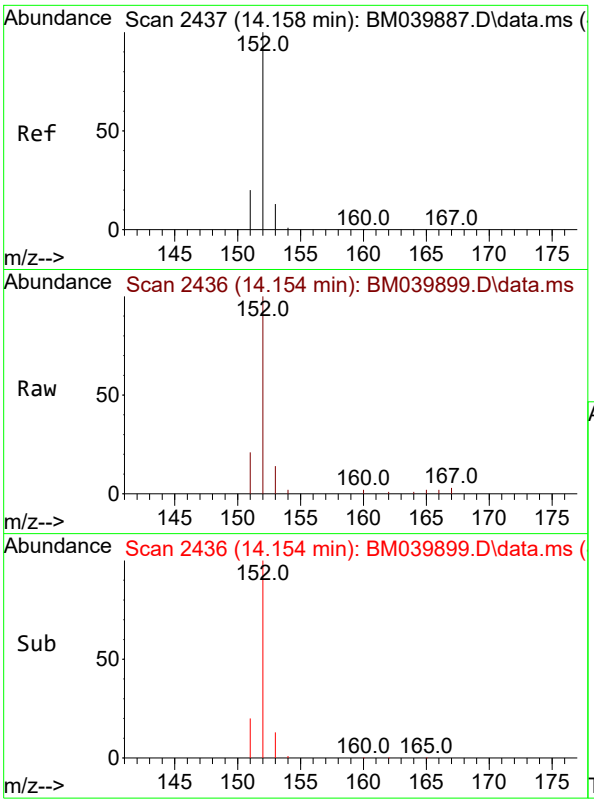


#8
1-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.470 min Scan# 2104
Delta R.T. -0.004 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Tgt Ion:142 Resp: 5679

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.4	110.2



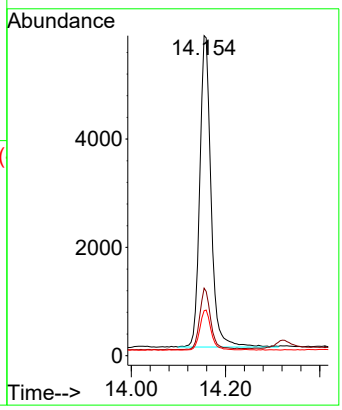


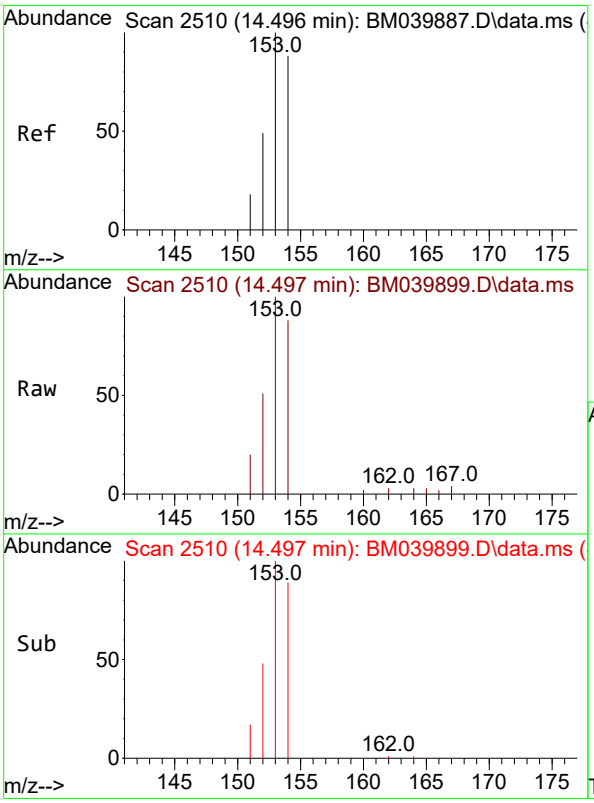
#10
Acenaphthylene
Concen: 0.442 ng/ul
RT: 14.154 min Scan# 24
Delta R.T. -0.003 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4104

Tgt Ion:152 Resp: 9522

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.0	24.0
153	14.1	11.2	16.8

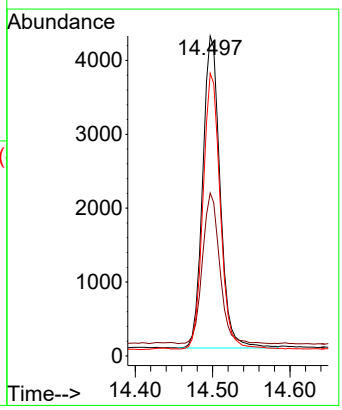


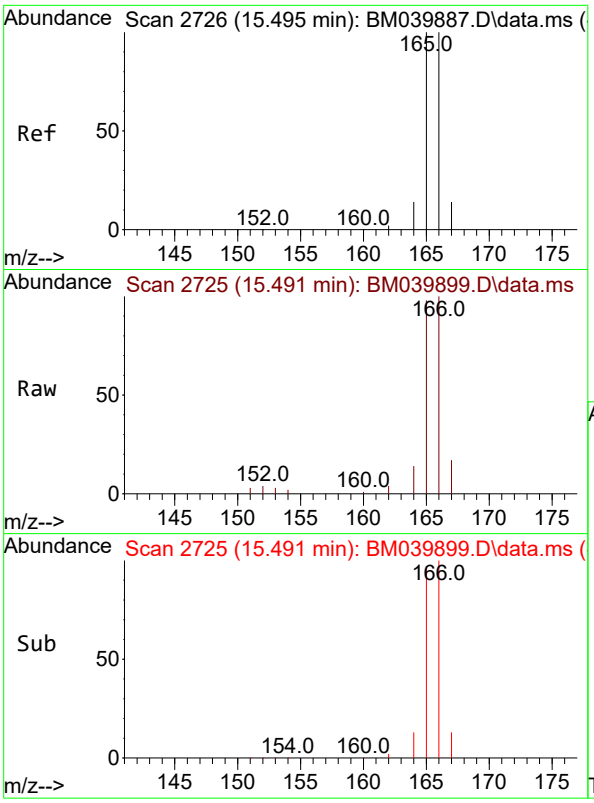


#11
Acenaphthene
Concen: 0.389 ng/ul
RT: 14.497 min Scan# 2510
Delta R.T. 0.001 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Tgt Ion:153 Resp: 6593

Ion	Ratio	Lower	Upper
153	100		
152	50.9	40.6	61.0
154	88.3	71.9	107.9



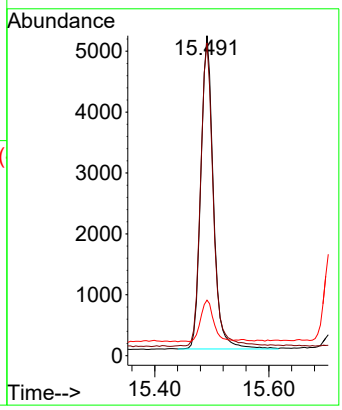


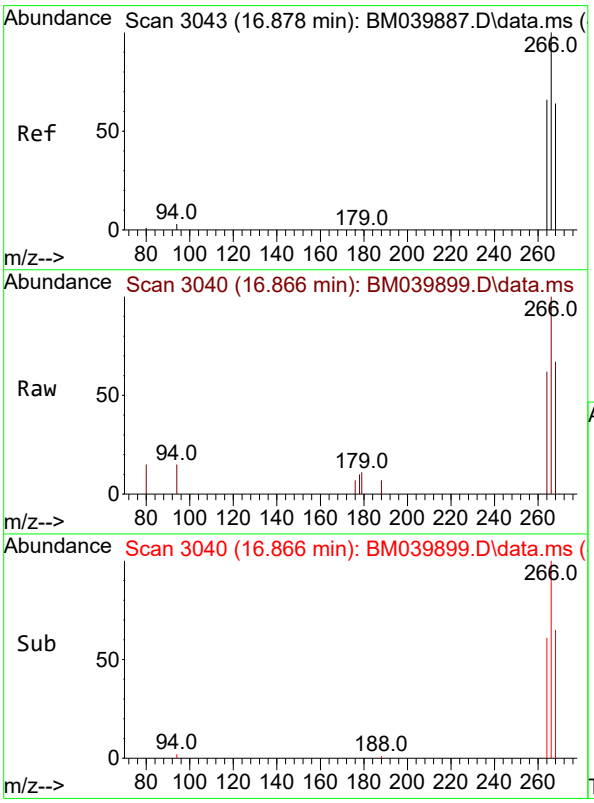
#12
Fluorene
Concen: 0.419 ng/ul
RT: 15.491 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4104

Tgt Ion:166 Resp: 7870

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.0	118.6
167	17.4	11.8	17.6

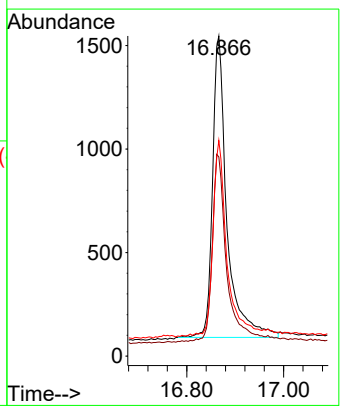


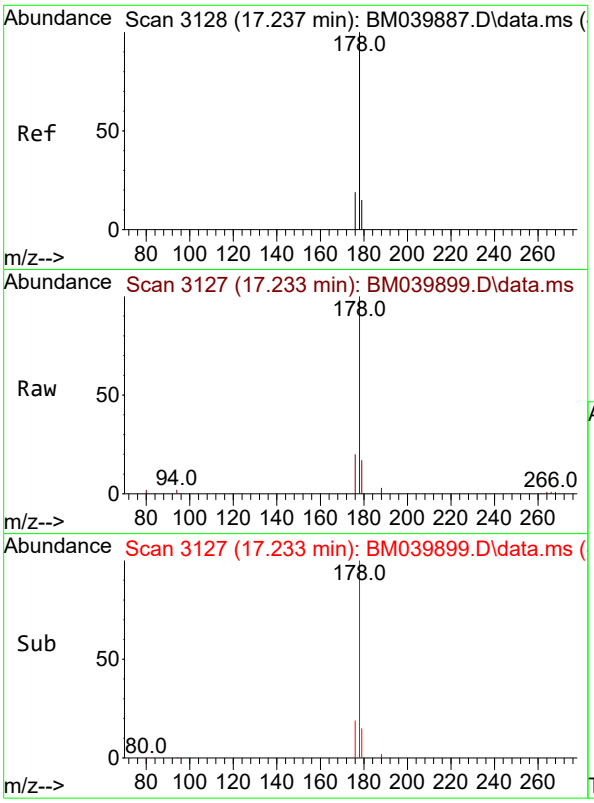


#14
Pentachlorophenol
Concen: 1.044 ng/ul
RT: 16.866 min Scan# 3040
Delta R.T. -0.011 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Tgt Ion:266 Resp: 3000

Ion	Ratio	Lower	Upper
266	100		
264	62.1	48.8	73.2
268	60.6	50.4	75.6



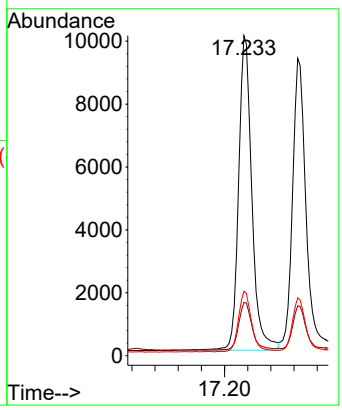


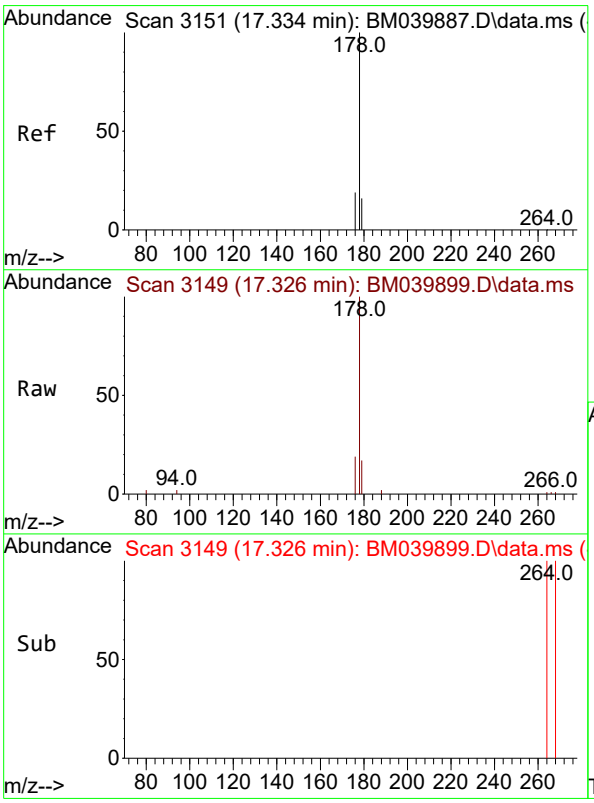
#15
Phenanthrene
Concen: 0.457 ng/ul
RT: 17.233 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4104

Tgt Ion:178 Resp: 15896

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.6
176	20.1	15.8	23.8

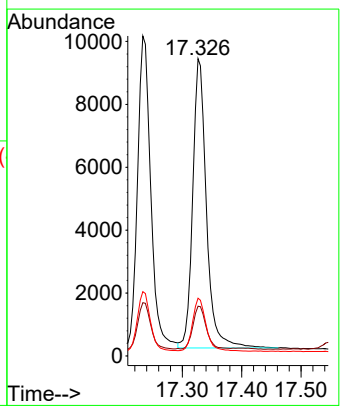


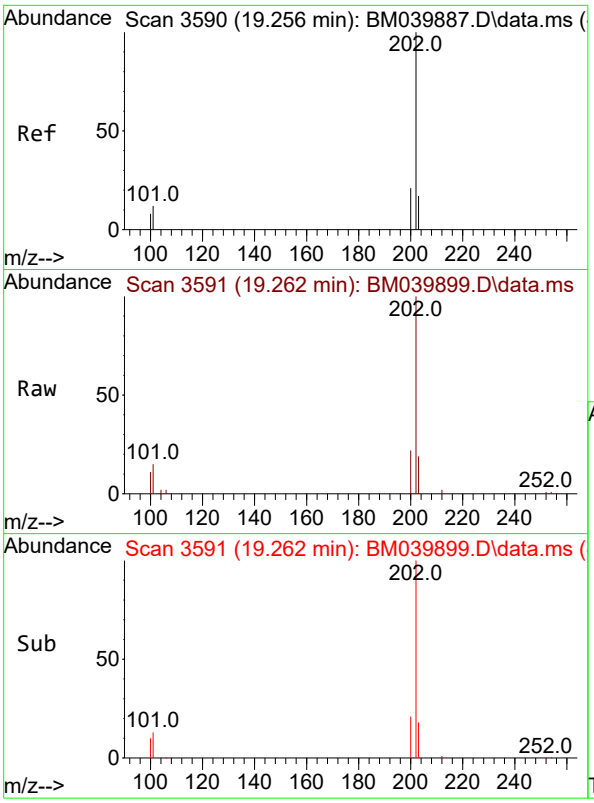


#16
Anthracene
Concen: 0.496 ng/ul
RT: 17.326 min Scan# 3149
Delta R.T. -0.007 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Tgt Ion:178 Resp: 14798

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.8	20.6
176	19.4	15.8	23.8



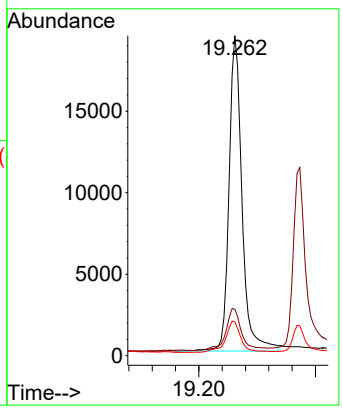


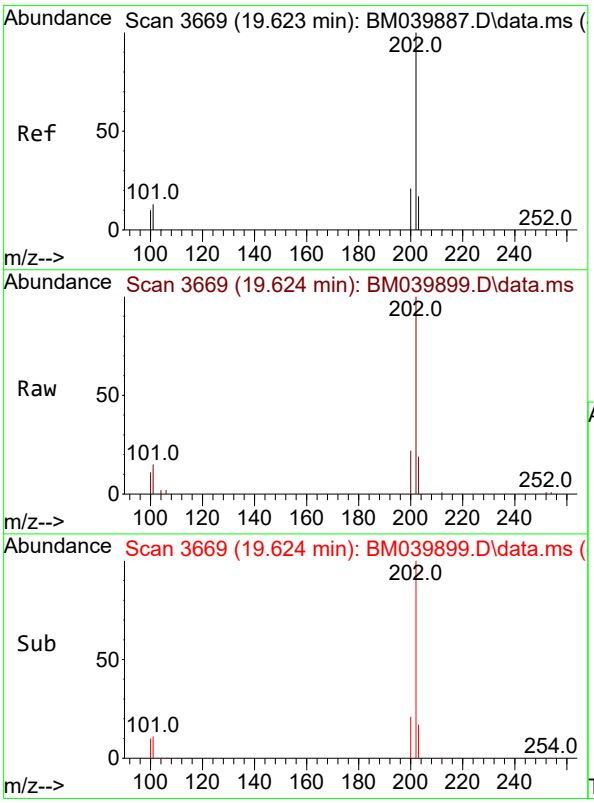
#19
Fluoranthene
Concen: 0.516 ng/ul
RT: 19.262 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4104

Tgt Ion:202 Resp: 29830

Ion	Ratio	Lower	Upper
202	100		
101	14.6	9.8	14.8
100	10.6	7.3	10.9

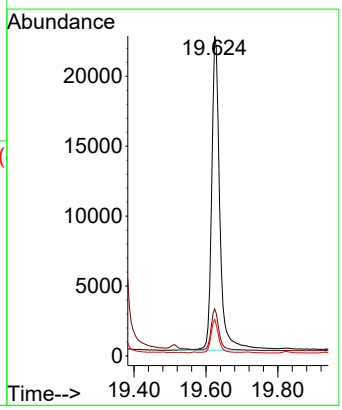


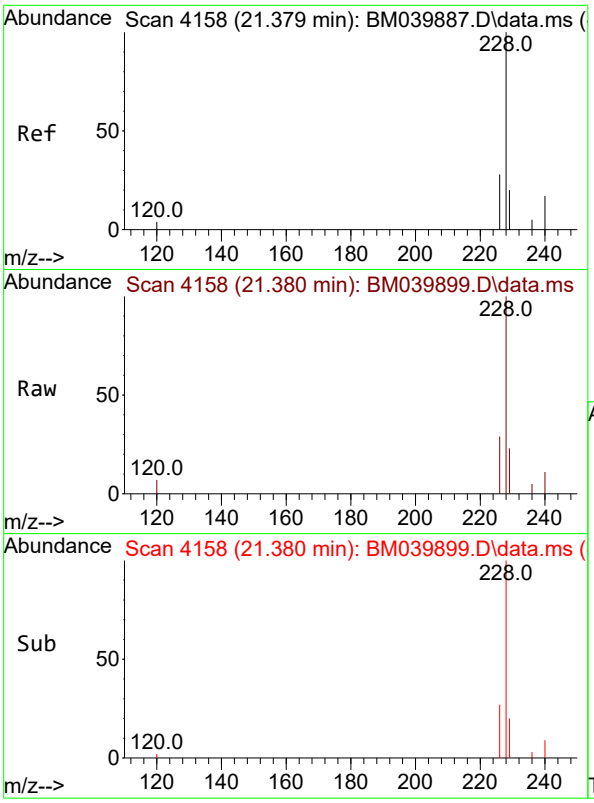


#20
Pyrene
Concen: 0.571 ng/ul
RT: 19.624 min Scan# 3669
Delta R.T. 0.001 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Tgt Ion:202 Resp: 35707

Ion	Ratio	Lower	Upper
202	100		
101	14.7	10.9	16.3
100	11.4	8.9	13.3



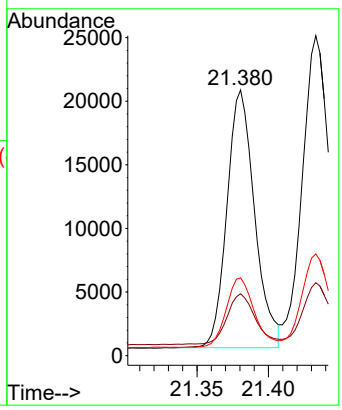


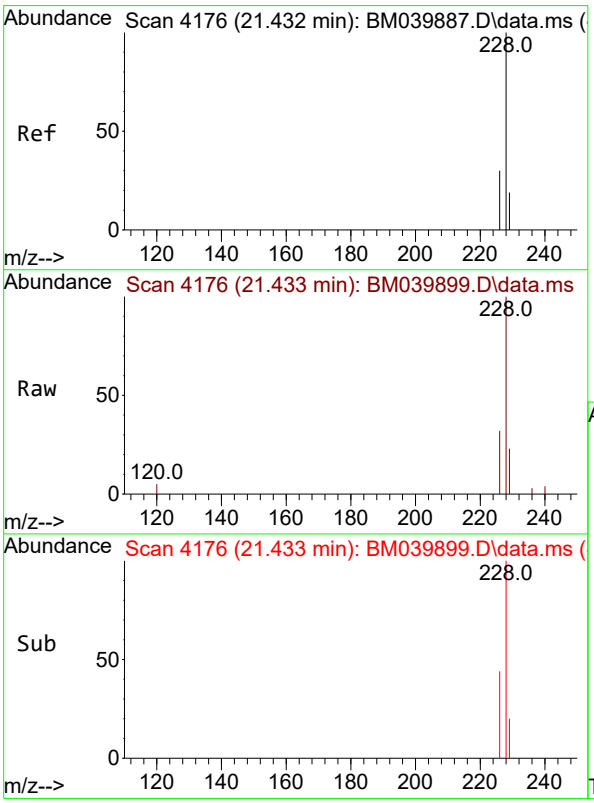
#21
Benzo(a)anthracene
Concen: 0.586 ng/ul
RT: 21.380 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4104

Tgt Ion:228 Resp: 27347

Ion	Ratio	Lower	Upper
228	100		
229	23.3	16.2	24.2
226	29.3	21.6	32.4

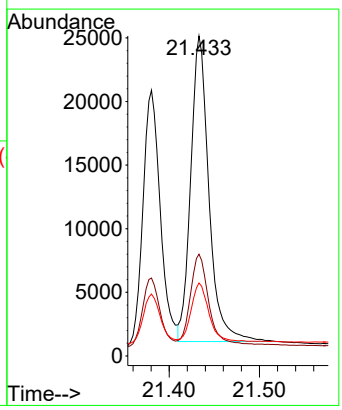


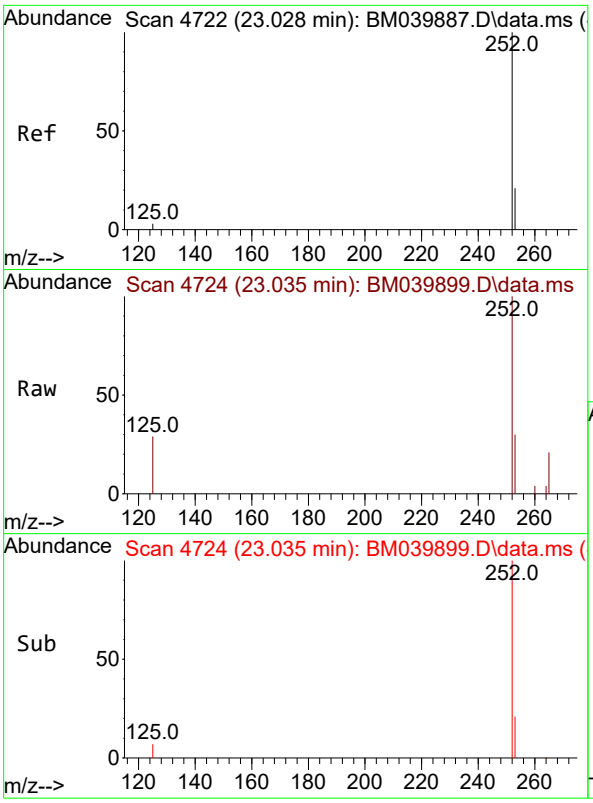


#22
Chrysene
Concen: 0.638 ng/ul
RT: 21.433 min Scan# 4176
Delta R.T. 0.001 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Tgt Ion:228 Resp: 33646

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.3	36.5
229	22.8	15.9	23.9



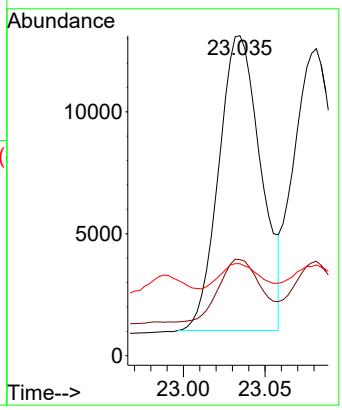


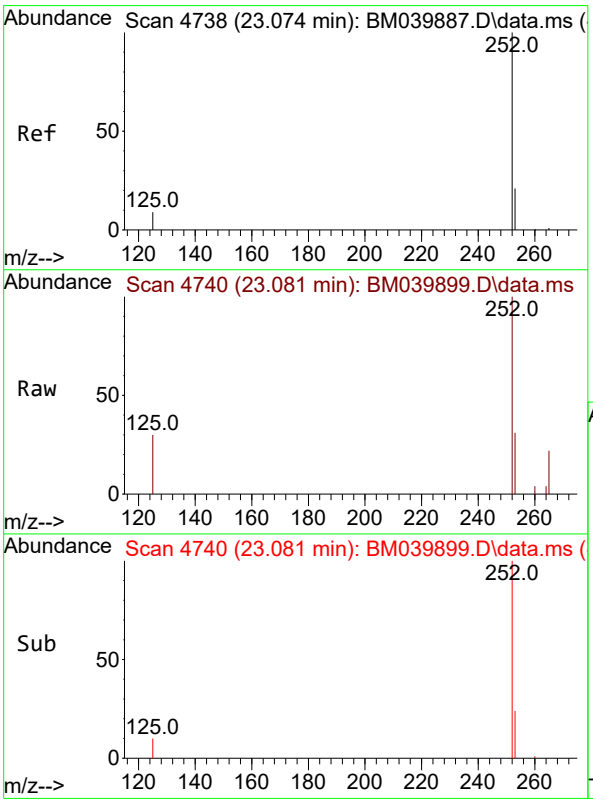
#24
Benzo(b)fluoranthene
Concen: 0.644 ng/ul
RT: 23.035 min Scan# 4
Delta R.T. 0.007 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4104

Tgt Ion:252 Resp: 21724

Ion	Ratio	Lower	Upper
252	100		
253	30.0	0.0	52.8
125	28.7	0.0	31.6

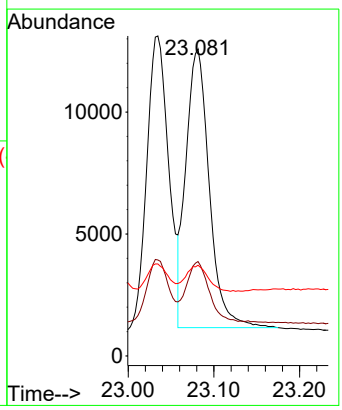


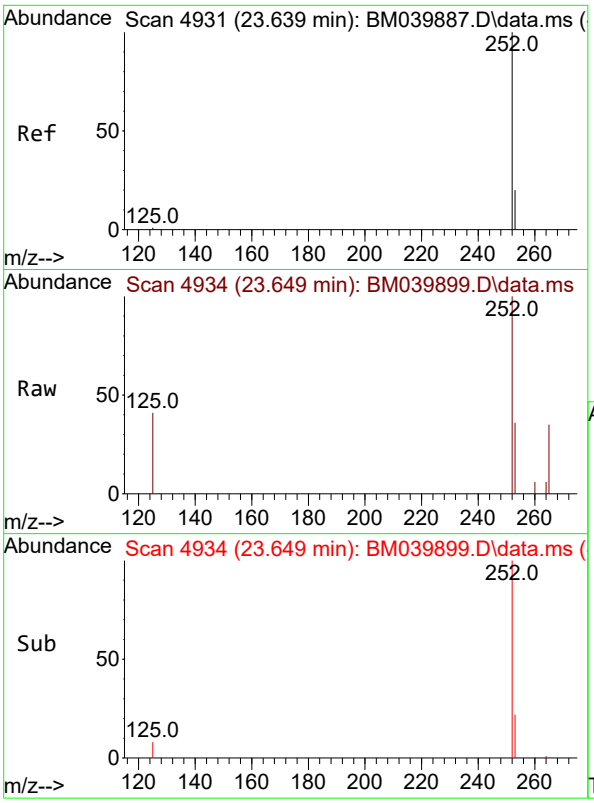


#25
Benzo(k)fluoranthene
Concen: 0.629 ng/ul
RT: 23.081 min Scan# 4740
Delta R.T. 0.007 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Tgt Ion:252 Resp: 21581

Ion	Ratio	Lower	Upper
252	100		
253	30.8	21.3	31.9
125	29.5	13.0	19.6#



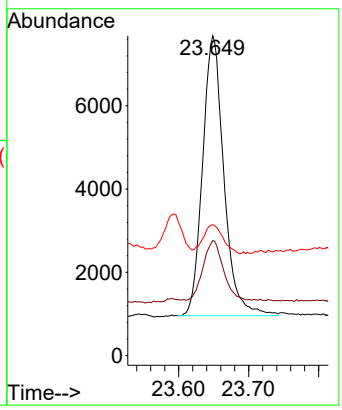


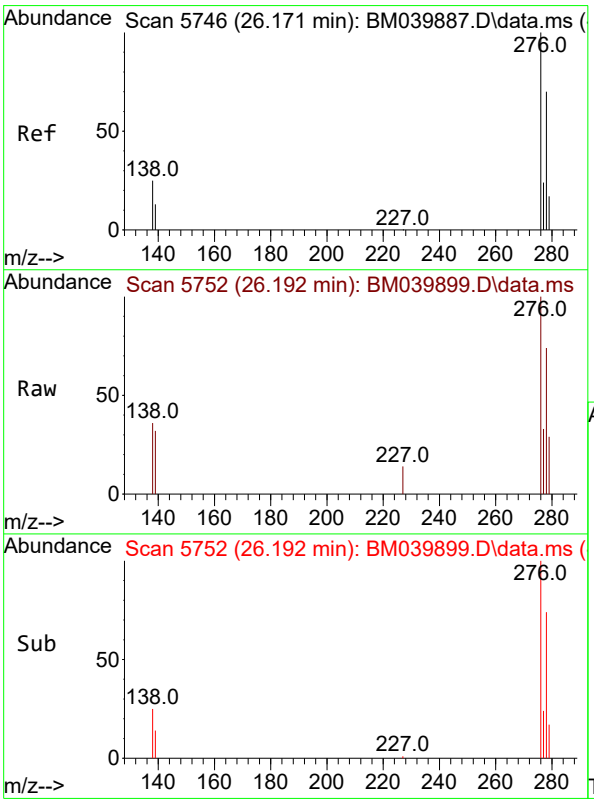
#26
Benzo(a)pyrene
Concen: 0.471 ng/ul
RT: 23.649 min Scan# 4
Delta R.T. 0.010 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4104

Tgt Ion:252 Resp: 14268

Ion	Ratio	Lower	Upper
252	100		
253	36.0	24.7	37.1
125	41.0	16.5	24.7#

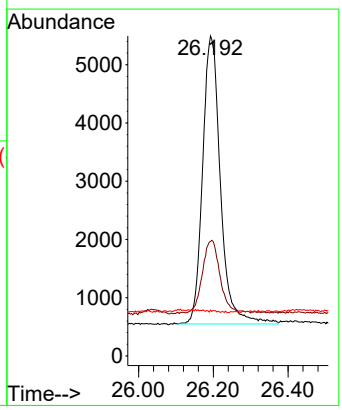


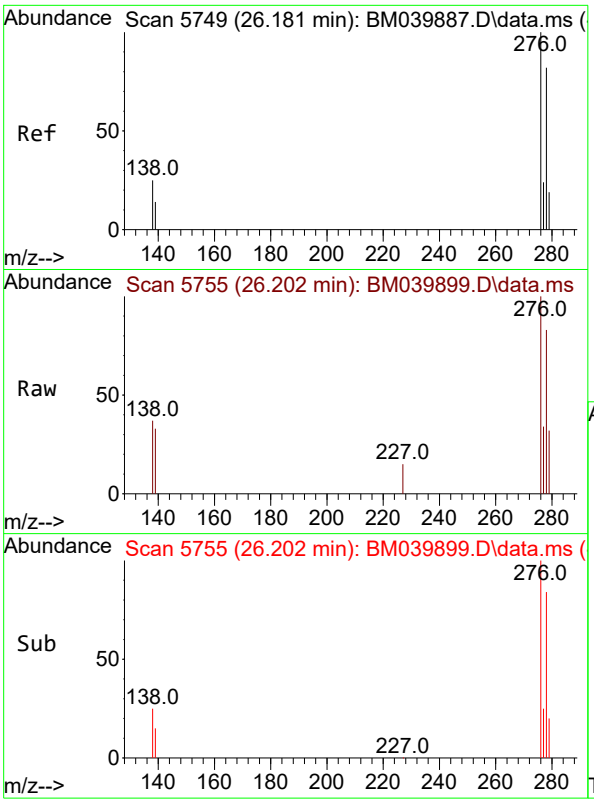


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.428 ng/ul
RT: 26.192 min Scan# 5752
Delta R.T. 0.021 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Tgt Ion:276 Resp: 16384

Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.1	31.7
227	0.2	0.1	0.1#



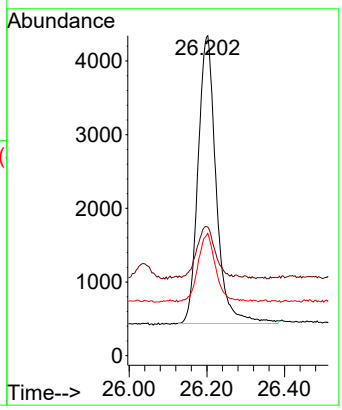


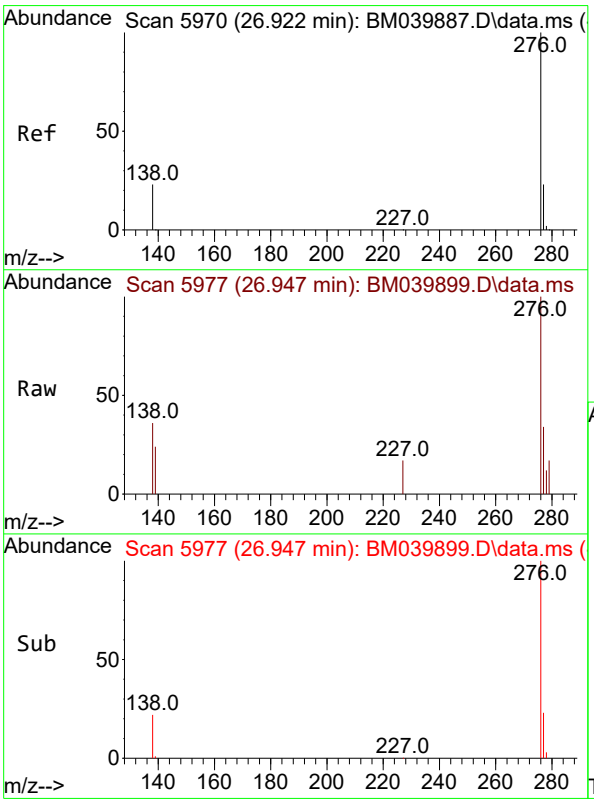
#28
Dibenzo(a,h)anthracene
Concen: 0.426 ng/ul
RT: 26.202 min Scan# 5
Delta R.T. 0.021 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.4104

Tgt Ion:278 Resp: 12661

Ion	Ratio	Lower	Upper
278	100		
139	40.2	17.0	25.6#
279	38.2	23.4	35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.414 ng/ul
RT: 26.947 min Scan# 5977
Delta R.T. 0.025 min
Lab File: BM039899.D
Acq: 09 May 2023 19:05

Tgt Ion:276 Resp: 13801

Ion	Ratio	Lower	Upper
276	100		
138	35.5	20.1	30.1#
277	33.9	20.1	30.1#