Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038070.D
Acq On : 16 Dec 2022 17:00
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 16 23:21:10 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	5604	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	17278	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	9619	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	20831	0.400	ng/ul	0.00
17) Chrysene-d12	21.585	240	15611	0.400	ng/ul	# 0.00
23) Perylene-d12	24.041	264	14499	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	2638	0.344	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	10424	0.413	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	21957	0.388	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.444	88	2573	0.373	ng/ul	90
5) Naphthalene	10.922	128	20237	0.387	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	12882	0.401	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	13190	0.401	ng/ul	99
10) Acenaphthylene	14.402	152	20448	0.405	ng/ul	100
11) Acenaphthene	14.745	153	14919	0.390	ng/ul	98
12) Fluorene	15.725	166	16816	0.397	ng/ul	99
14) Pentachlorophenol	17.071	266	3961	0.459	ng/ul	99
15) Phenanthrene	17.459	178	26696	0.381	ng/ul	100
16) Anthracene	17.552	178	25624	0.395	ng/ul	100
19) Fluoranthene	19.468	202	30458	0.378	ng/ul	94
20) Pyrene	19.831	202	31422	0.382	ng/ul	95
21) Benzo(a)anthracene	21.568	228	28665	0.425	ng/ul	96
22) Chrysene	21.623	228	27127	0.399	ng/ul	98
24) Benzo(b)fluoranthene	23.287	252	26133	0.380	ng/ul	97
25) Benzo(k)fluoranthene	23.336	252	25106	0.378	ng/ul	97
26) Benzo(a)pyrene	23.933	252	21803	0.377	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.605	276	24756	0.341	ng/ul	92
28) Dibenzo(a,h)anthracene	26.622	278	19761	0.349	ng/ul	98
29) Benzo(g,h,i)perylene	27.400	276	20428	0.331	ng/ul	96

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
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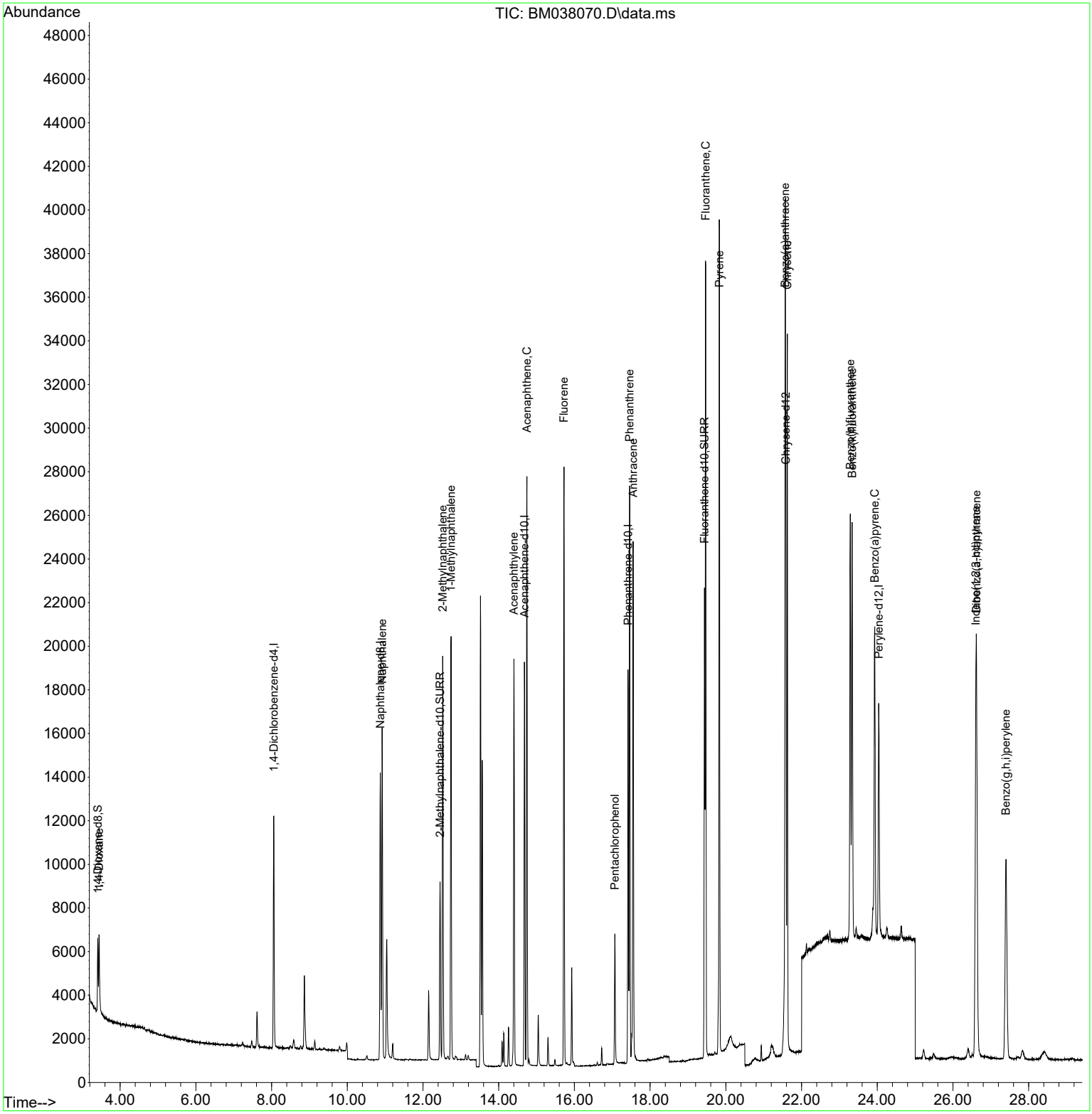
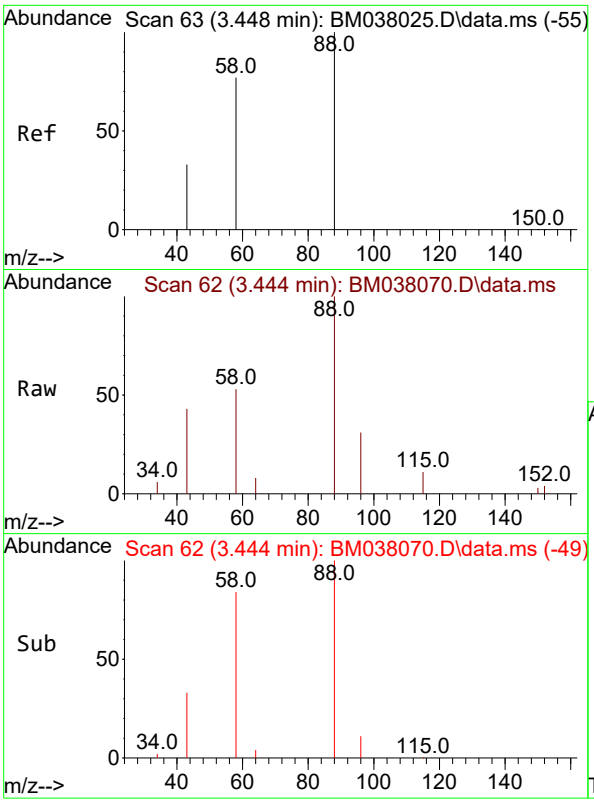


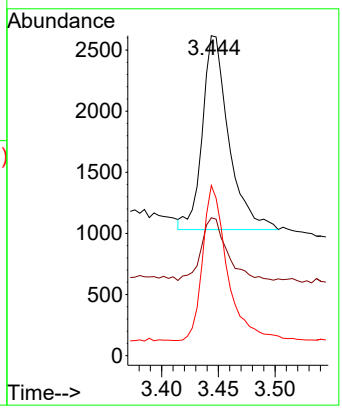


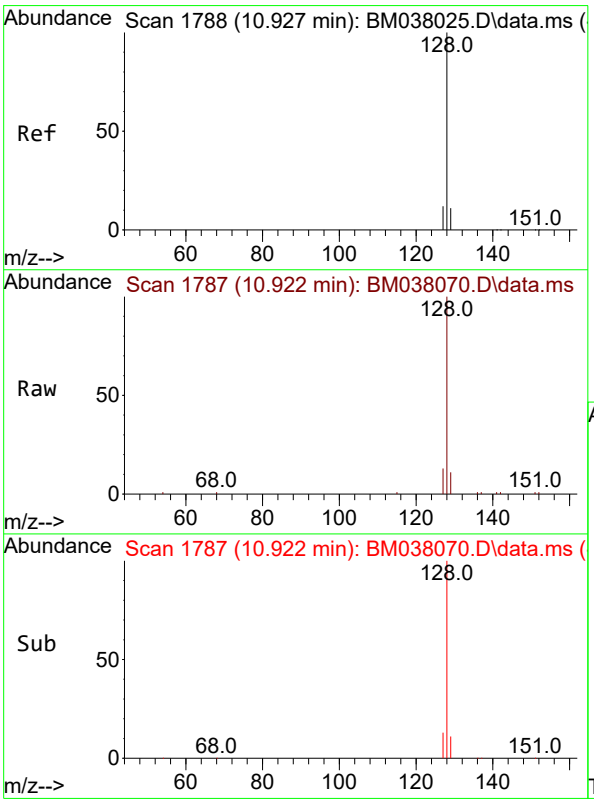
#2
1,4-Dioxane
Concen: 0.373 ng/ul
RT: 3.444 min Scan# 6
Delta R.T. -0.004 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 2573

Ion	Ratio	Lower	Upper
88	100		
43	43.1	31.4	47.0
58	53.2	50.2	75.2

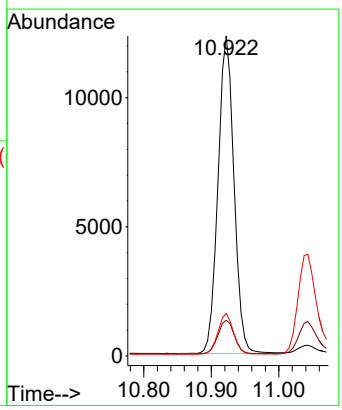


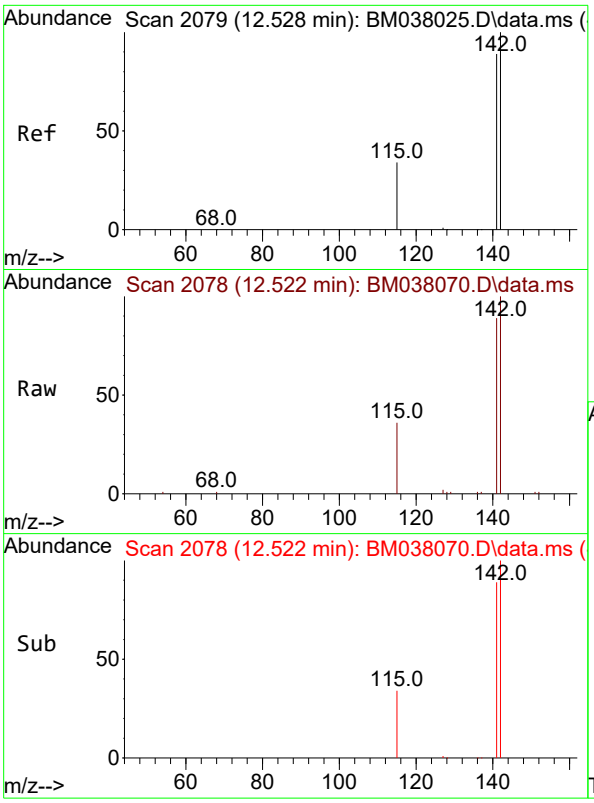


#5
Naphthalene
Concen: 0.387 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Tgt Ion:128 Resp: 20237

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.2	10.4	15.6



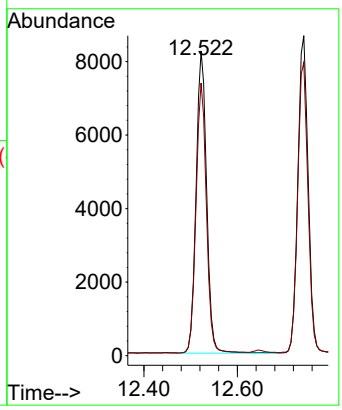


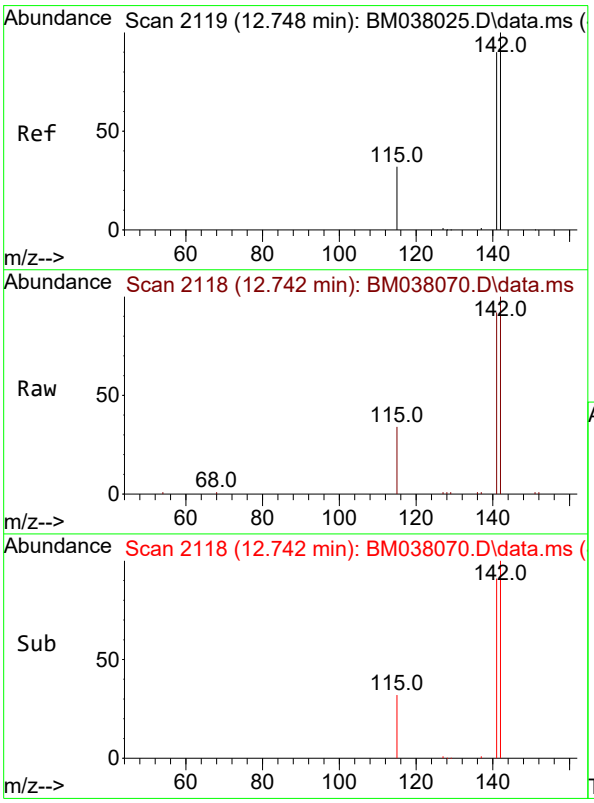
#7
2-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.522 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 12882

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.4	105.6

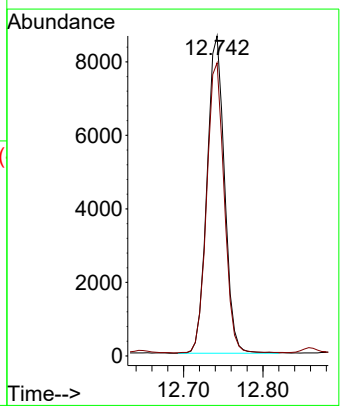


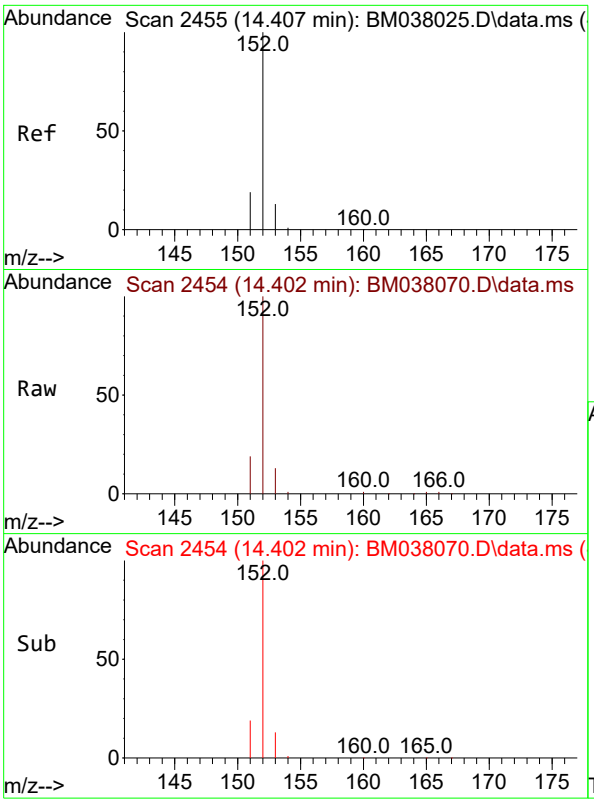


#8
1-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.742 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Tgt Ion:142 Resp: 13190

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.6	110.4



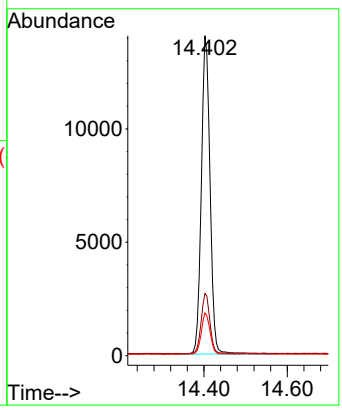


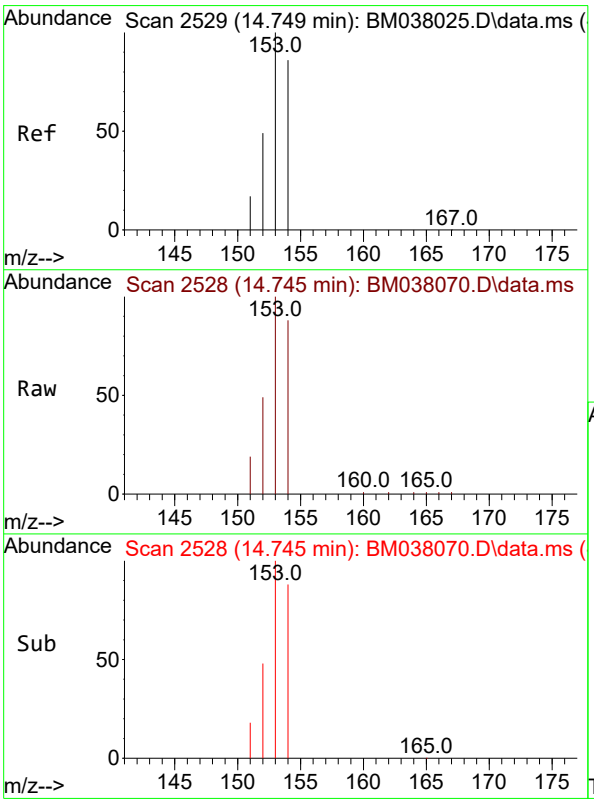
#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 14.402 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 20448

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.4	11.0	16.4

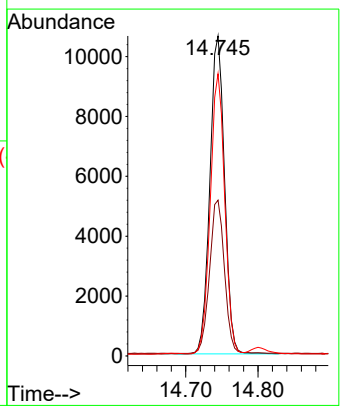


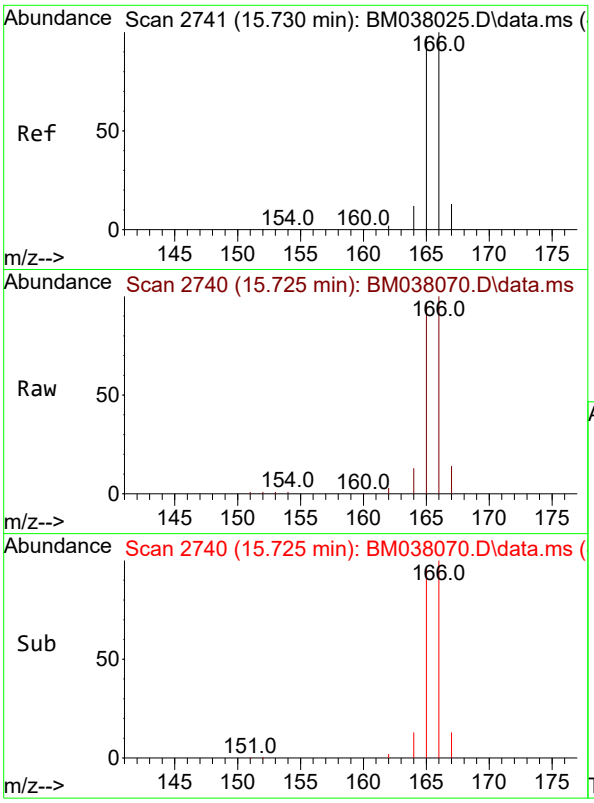


#11
Acenaphthene
Concen: 0.390 ng/ul
RT: 14.745 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Tgt Ion:153 Resp: 14919

Ion	Ratio	Lower	Upper
153	100		
152	48.7	39.5	59.3
154	88.2	69.2	103.8



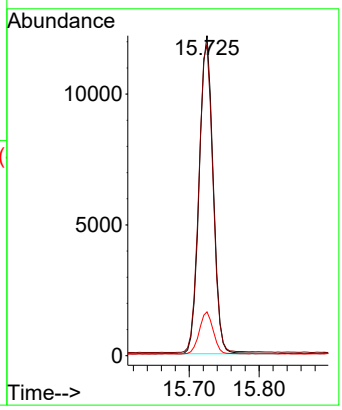


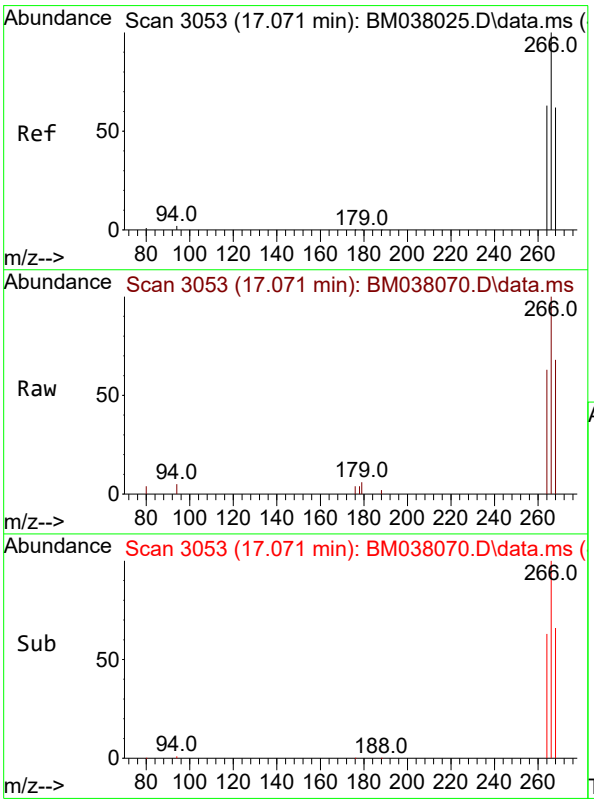
#12
Fluorene
Concen: 0.397 ng/ul
RT: 15.725 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 16816

Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.0	118.4
167	13.7	11.1	16.7

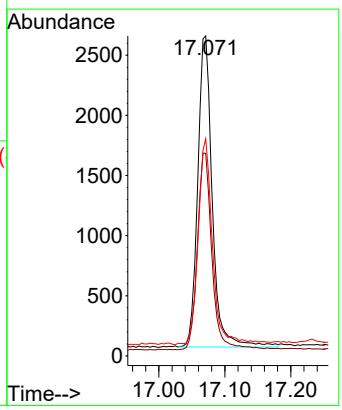


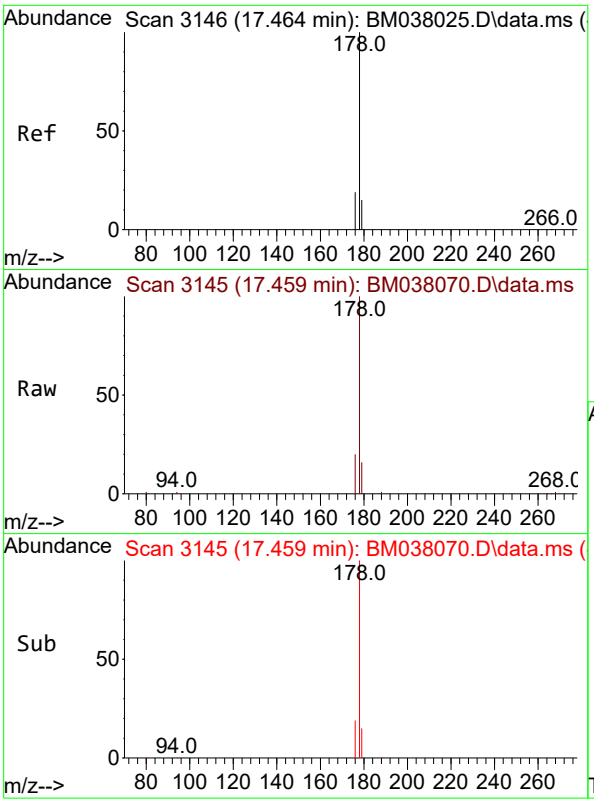


#14
Pentachlorophenol
Concen: 0.459 ng/ul
RT: 17.071 min Scan# 3053
Delta R.T. 0.000 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Tgt Ion:266 Resp: 3961

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.9	74.9
268	66.2	52.0	78.0



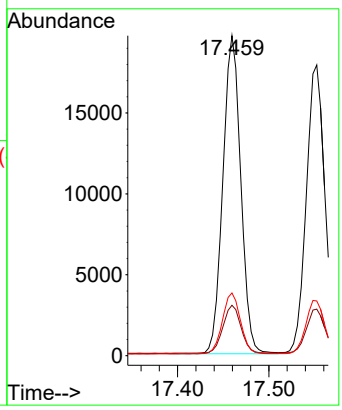


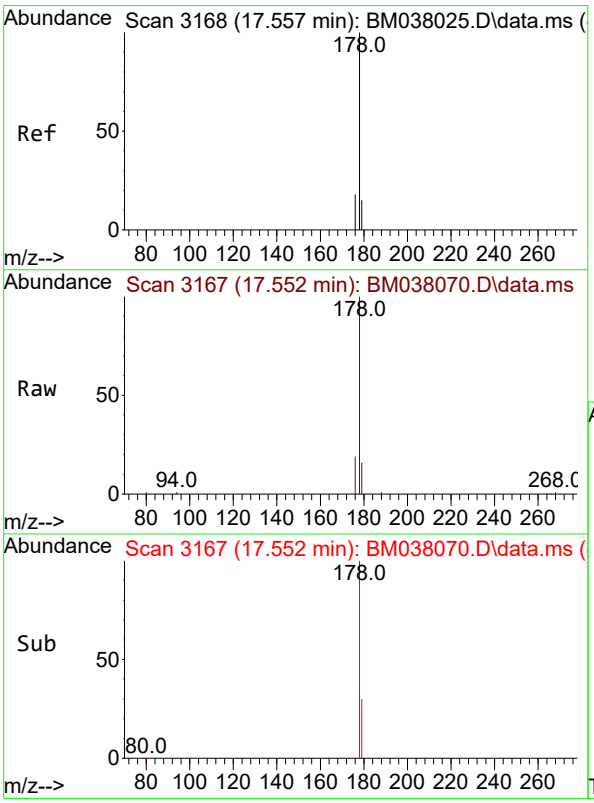
#15
Phenanthrene
Concen: 0.381 ng/ul
RT: 17.459 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 26696

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	19.6	15.8	23.6

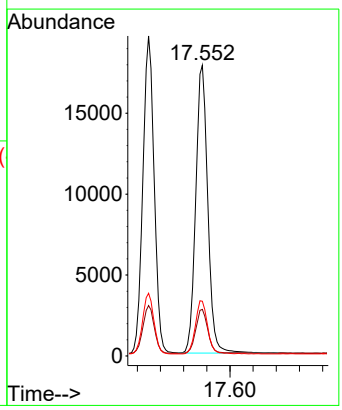


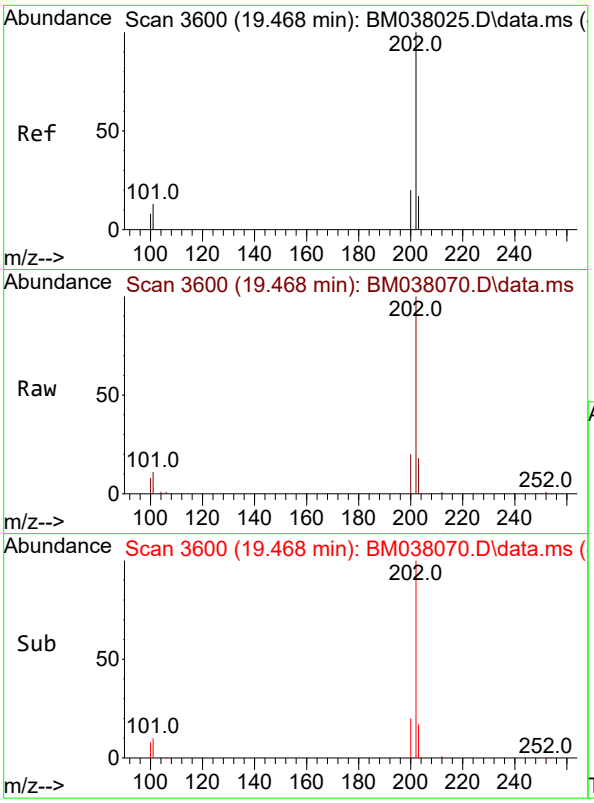


#16
Anthracene
Concen: 0.395 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Tgt Ion:178 Resp: 25624

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.4
176	18.8	15.0	22.4



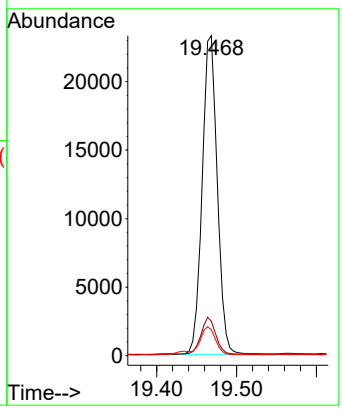


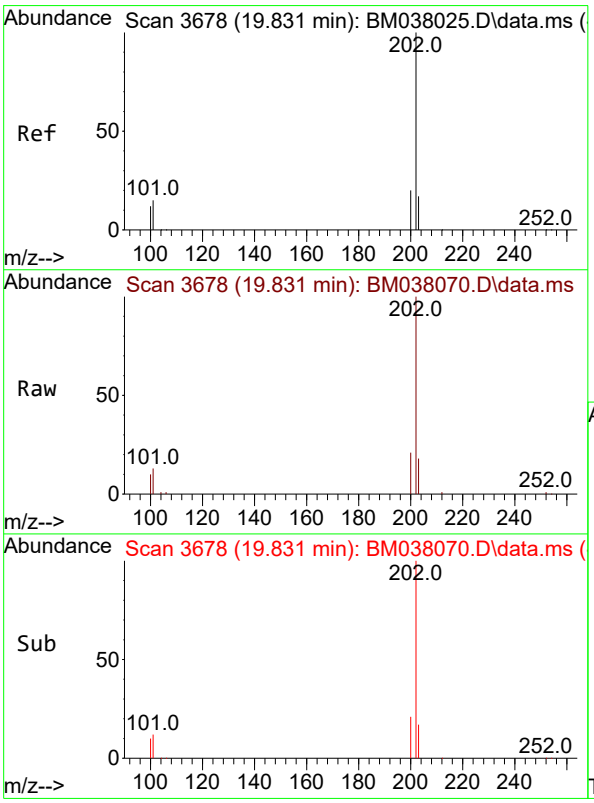
#19
Fluoranthene
Concen: 0.378 ng/ul
RT: 19.468 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 30458

Ion	Ratio	Lower	Upper
202	100		
101	10.8	10.6	15.8
100	8.1	7.9	11.9

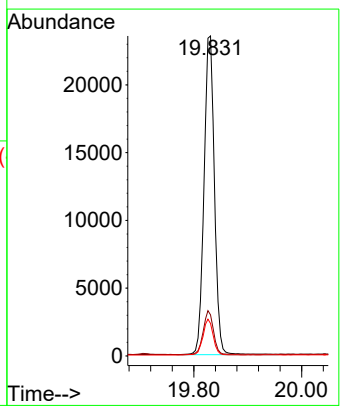


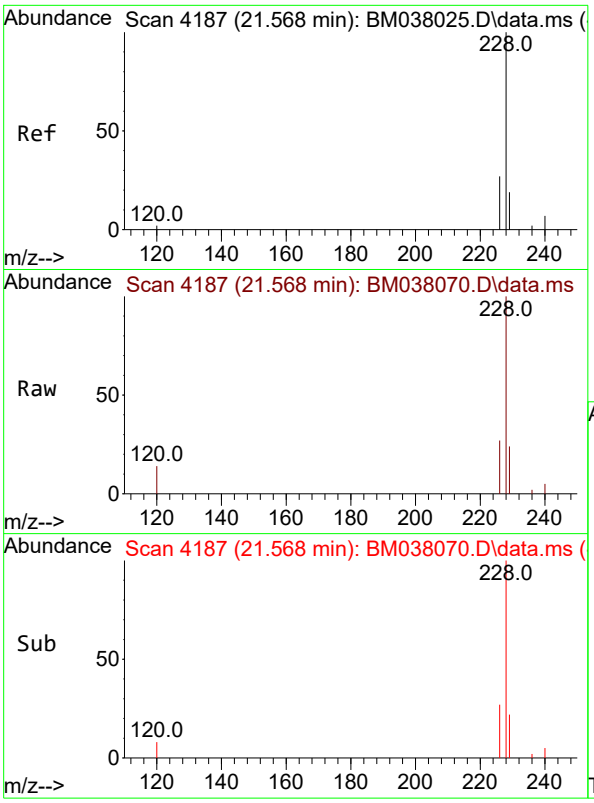


#20
Pyrene
Concen: 0.382 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Tgt Ion:202 Resp: 31422

Ion	Ratio	Lower	Upper
202	100		
101	12.9	12.1	18.1
100	10.2	9.8	14.6



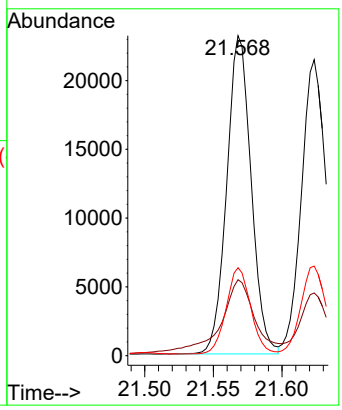


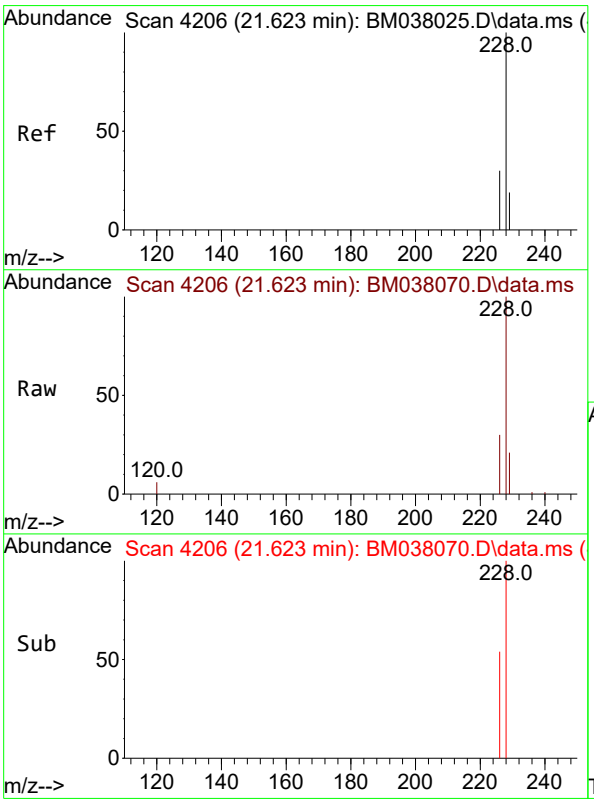
#21
Benzo(a)anthracene
Concen: 0.425 ng/ul
RT: 21.568 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 28665

Ion	Ratio	Lower	Upper
228	100		
229	23.8	15.9	23.9
226	27.5	22.1	33.1

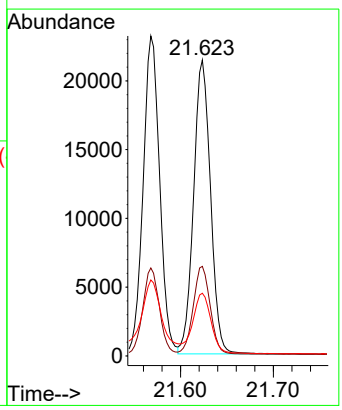


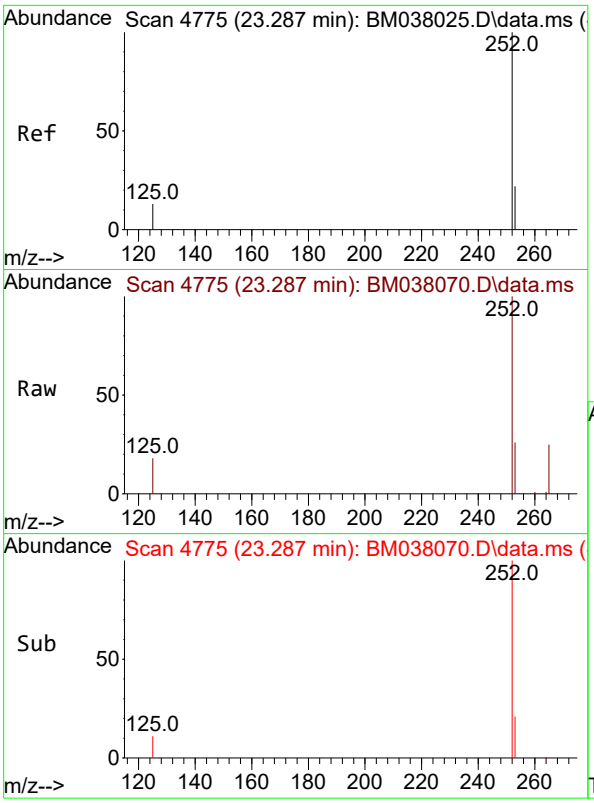


#22
Chrysene
Concen: 0.399 ng/ul
RT: 21.623 min Scan# 4206
Delta R.T. 0.000 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Tgt Ion:228 Resp: 27127

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	21.2	15.7	23.5



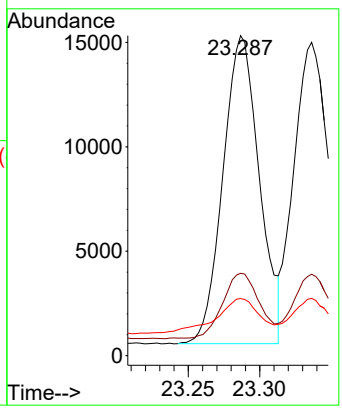


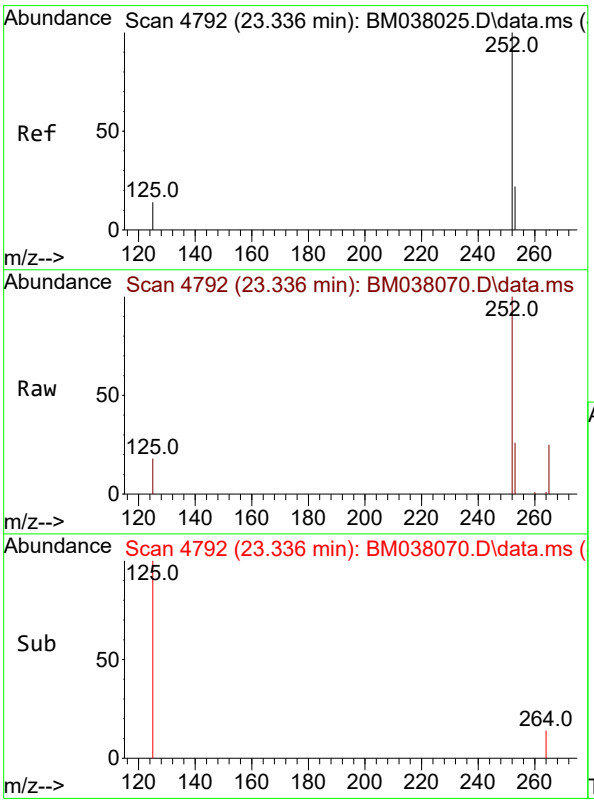
#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 23.287 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 26133

Ion	Ratio	Lower	Upper
252	100		
253	25.7	0.0	51.8
125	17.9	0.0	42.2

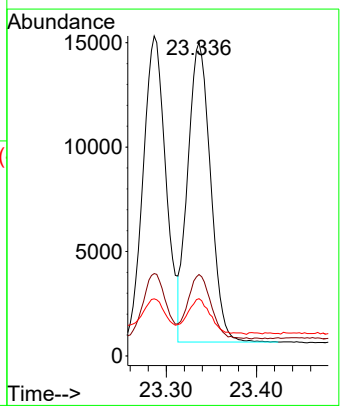


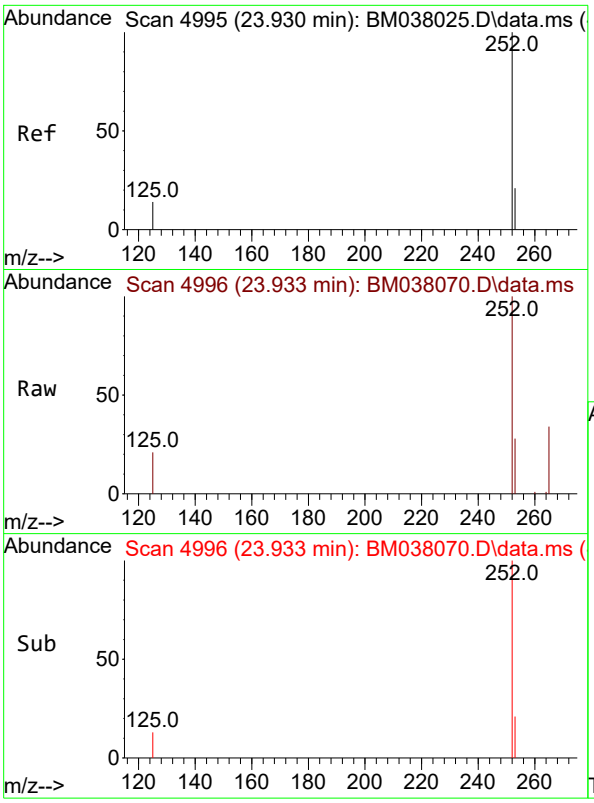


#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 23.336 min Scan# 4792
Delta R.T. 0.000 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Tgt Ion:252 Resp: 25106

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.8	31.2
125	18.3	17.1	25.7



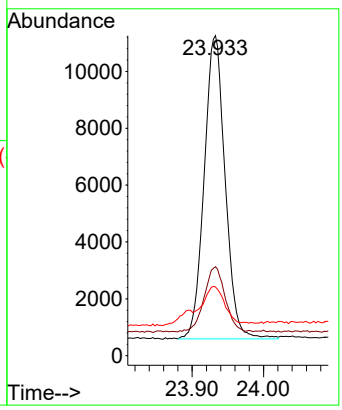


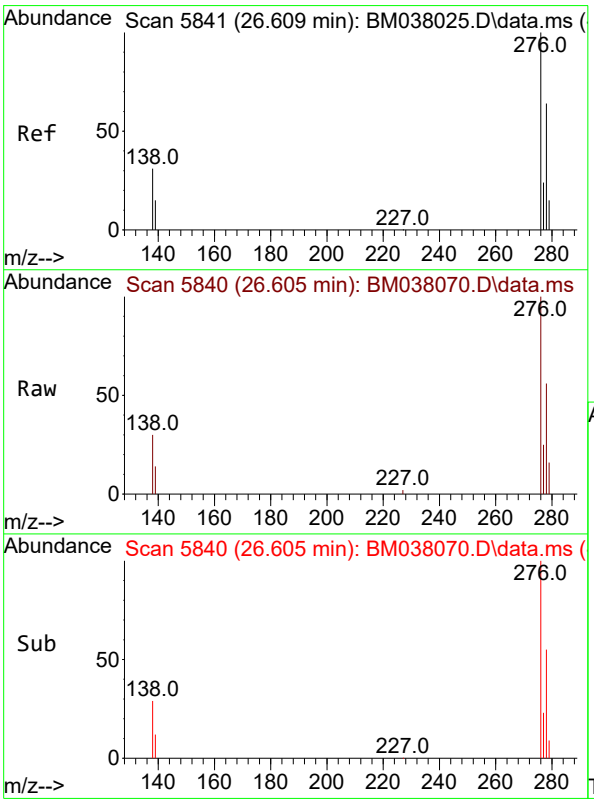
#26
Benzo(a)pyrene
Concen: 0.377 ng/ul
RT: 23.933 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 21803

Ion	Ratio	Lower	Upper
252	100		
253	27.8	21.9	32.9
125	21.5	20.7	31.1

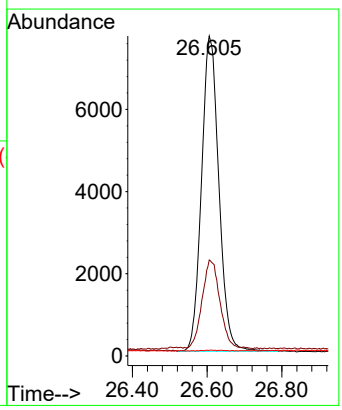


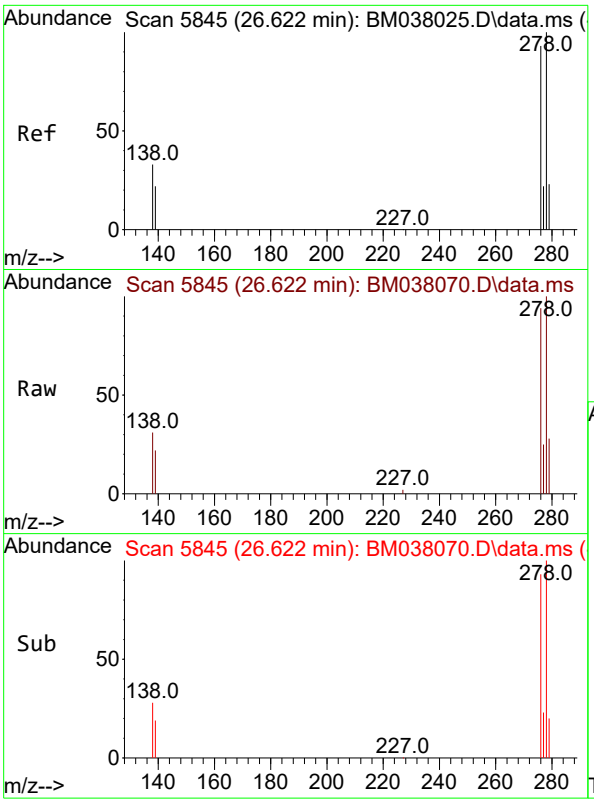


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.341 ng/ul
RT: 26.605 min Scan# 5840
Delta R.T. -0.003 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Tgt Ion:276 Resp: 24756

Ion	Ratio	Lower	Upper
276	100		
138	29.0	26.6	40.0
227	0.1	0.1	0.1



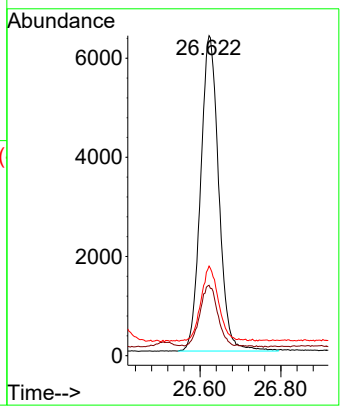


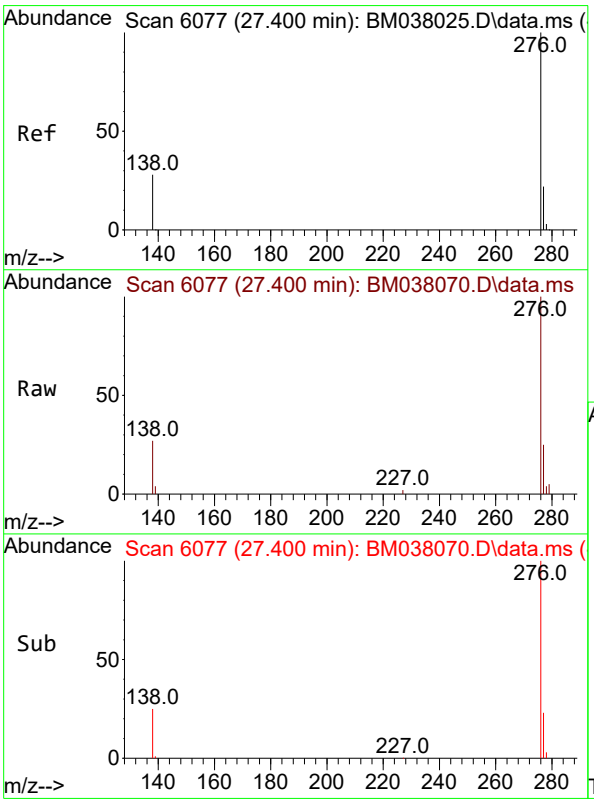
#28
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 26.622 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 19761

Ion	Ratio	Lower	Upper
278	100		
139	22.0	19.0	28.6
279	28.0	22.4	33.6





#29
Benzo(g,h,i)perylene
Concen: 0.331 ng/ul
RT: 27.400 min Scan# 6077
Delta R.T. 0.000 min
Lab File: BM038070.D
Acq: 16 Dec 2022 17:00

Tgt Ion:276 Resp: 20428

Ion	Ratio	Lower	Upper
276	100		
138	27.2	24.1	36.1
277	25.1	19.0	28.6