Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101824\
Data File : BM048140.D
Acq On : 18 Oct 2024 17:56
Operator : RC/JU
Sample : SSTD0.294
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Quant Time: Oct 19 00:41:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 19 00:40:09 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	5002	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	15942	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.427	164	9399	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.182	188	18058	0.400	ng/ul	0.00
17) Chrysene-d12	21.339	240	16476	0.400	ng/ul	0.00
23) Perylene-d12	23.601	264	16177	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	1567	0.244	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.216	152	4413	0.207	ng/ul	0.02
18) Fluoranthene-d10	19.196	212	9354	0.185	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.273	88	1967	0.256	ng/ul#	86
5) Naphthalene	10.660	128	8602	0.198	ng/ul#	93
7) 2-Methylnaphthalene	12.299	142	4665	0.179	ng/ul	98
8) 1-Methylnaphthalene	12.486	142	5739	0.210	ng/ul	97
10) Acenaphthylene	14.154	152	8539	0.187	ng/ul	97
11) Acenaphthene	14.487	153	6177	0.197	ng/ul	99
12) Fluorene	15.495	166	6483	0.183	ng/ul	97
14) Pentachlorophenol	16.849	266	1253	0.231	ng/ul	97
15) Phenanthrene	17.224	178	8667	0.162	ng/ul	96
16) Anthracene	17.330	178	8203	0.172	ng/ul	94
19) Fluoranthene	19.224	202	12787	0.184	ng/ul	98
20) Pyrene	19.582	202	13870	0.188	ng/ul	98
21) Benzo(a)anthracene	21.327	228	9325	0.134	ng/ul	99
22) Chrysene	21.374	228	16592	0.229	ng/ul	98
24) Benzo(b)fluoranthene	22.917	252	12440	0.177	ng/ul	87
25) Benzo(k)fluoranthene	22.961	252	15807	0.223	ng/ul#	86
26) Benzo(a)pyrene	23.505	252	10457	0.188	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.917	276	15734	0.178	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.933	278	11987	0.180	ng/ul	89
29) Benzo(g,h,i)perylene	26.618	276	13180	0.186	ng/ul	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101824\
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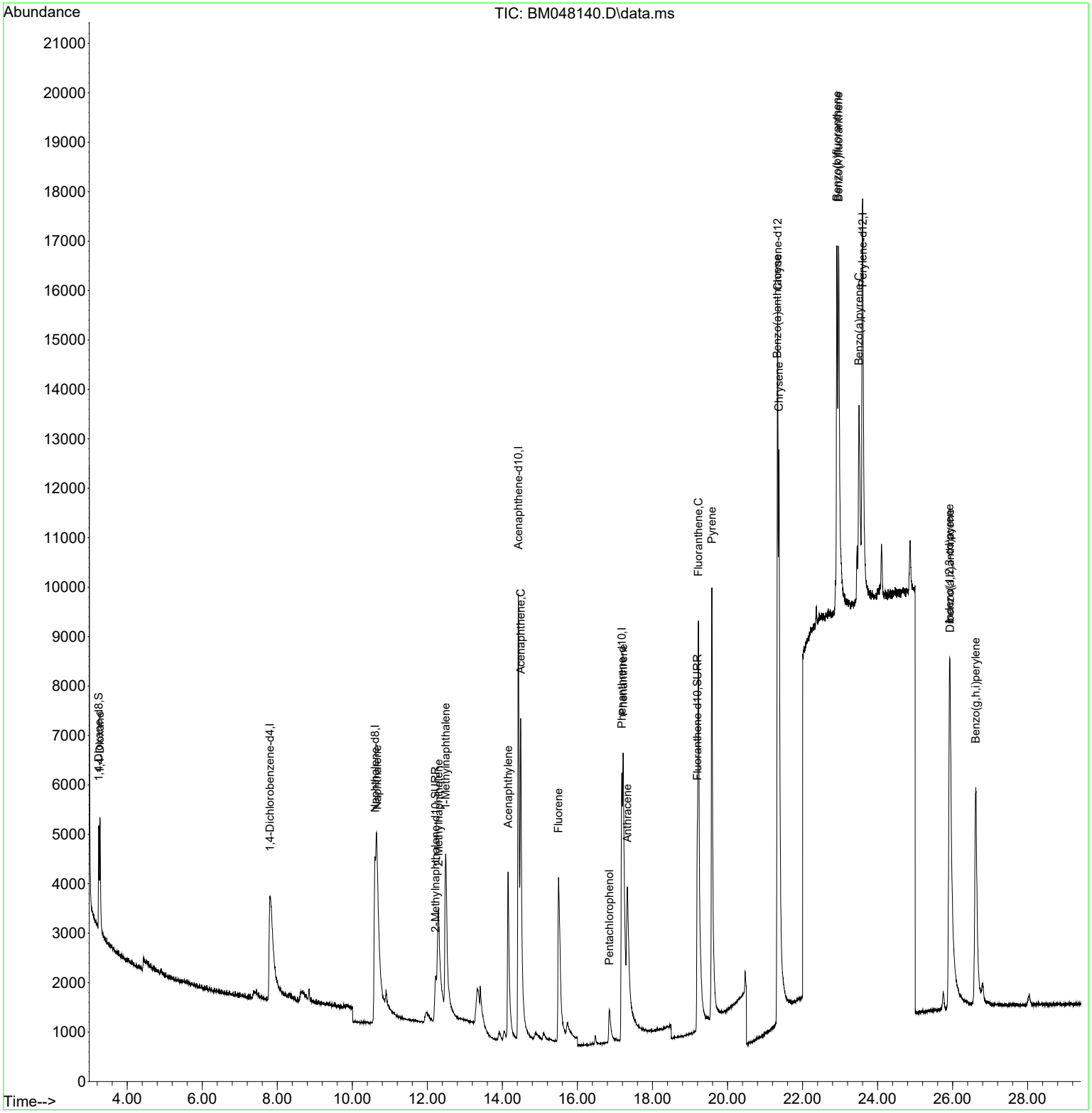
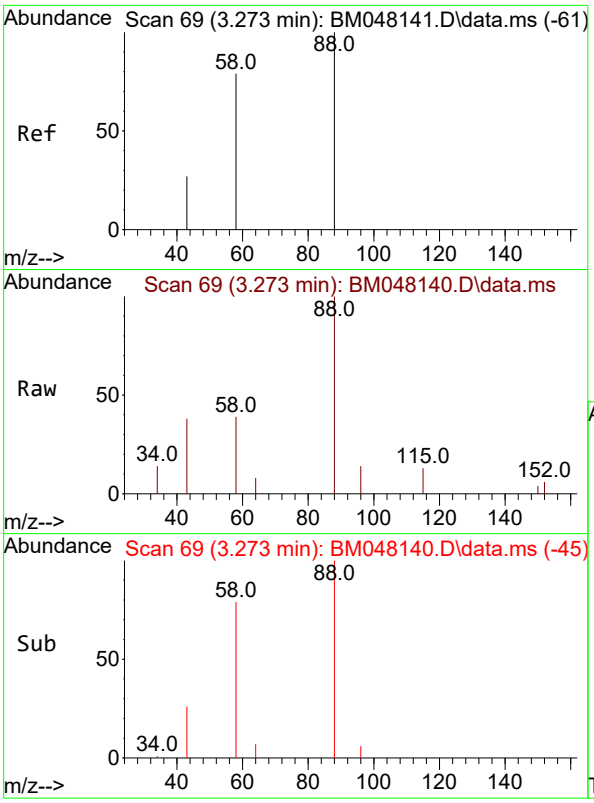


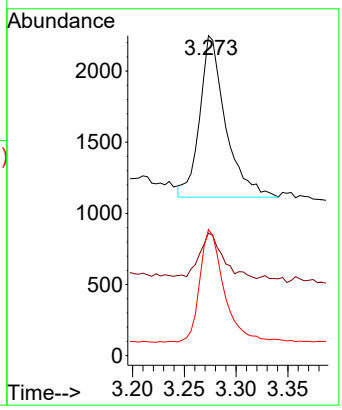


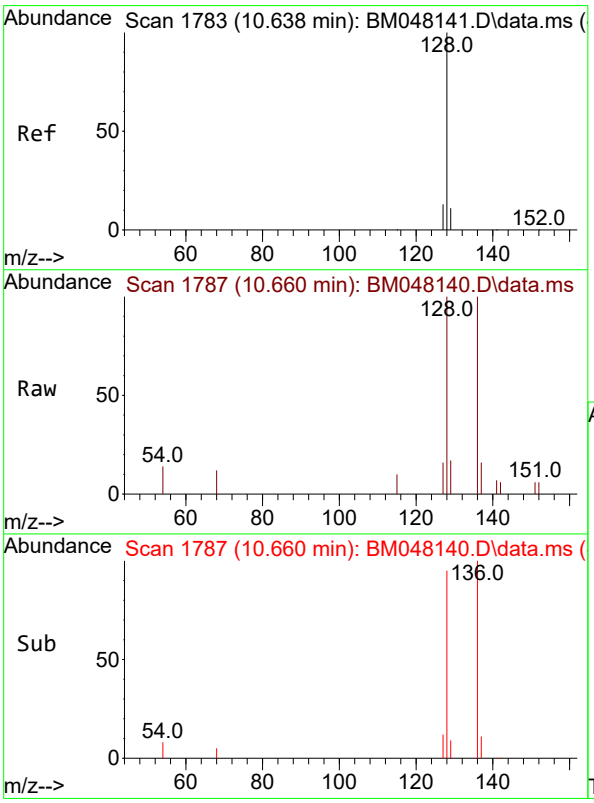
#2
1,4-Dioxane
Concen: 0.256 ng/ul
RT: 3.273 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion: 88 Resp: 1967

Ion	Ratio	Lower	Upper
88	100		
43	38.3	27.7	41.5
58	39.4	42.5	63.7#

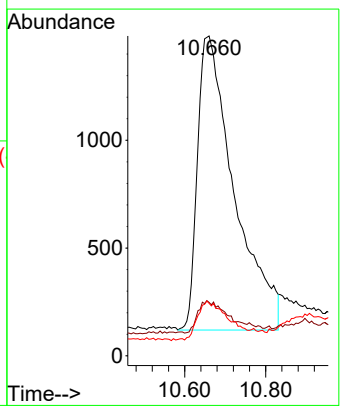


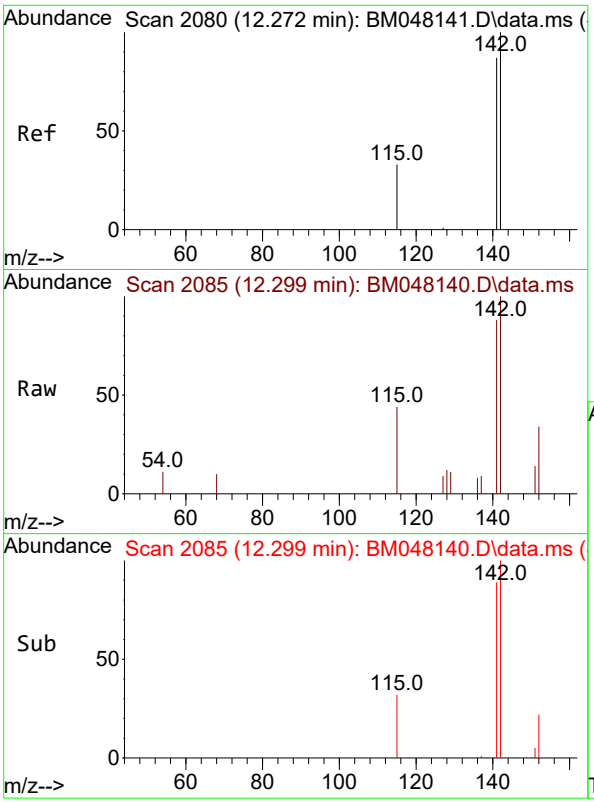


#5
Naphthalene
Concen: 0.198 ng/ul
RT: 10.660 min Scan# 1787
Delta R.T. 0.022 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Tgt Ion:128 Resp: 8602

Ion	Ratio	Lower	Upper
128	100		
129	16.7	10.6	15.8#
127	16.4	11.3	16.9



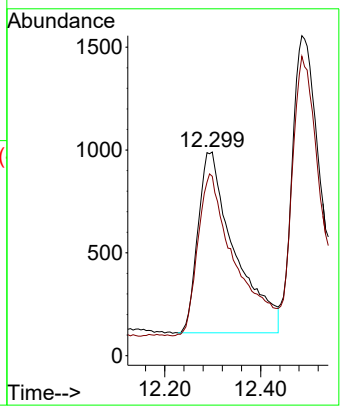


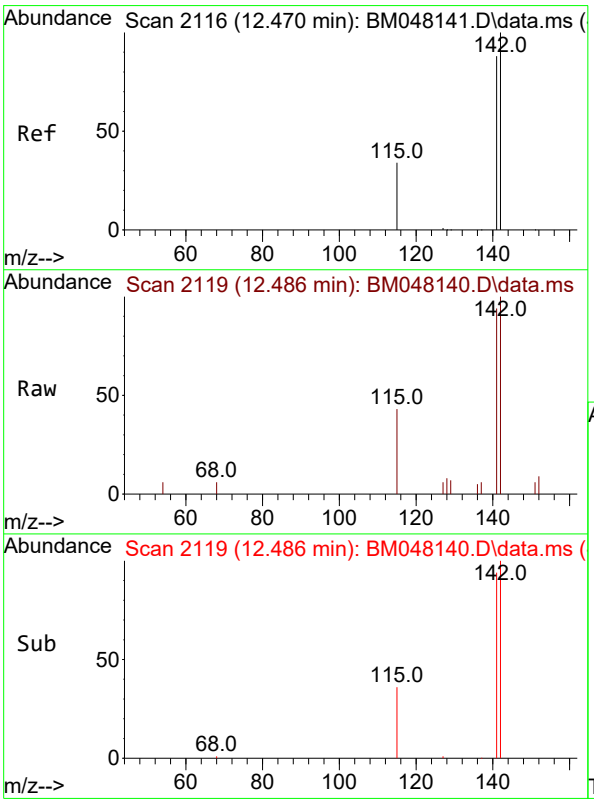
#7
2-Methylnaphthalene
Concen: 0.179 ng/ul
RT: 12.299 min Scan# 2
Delta R.T. 0.027 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion:142 Resp: 4665

Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.9	107.9

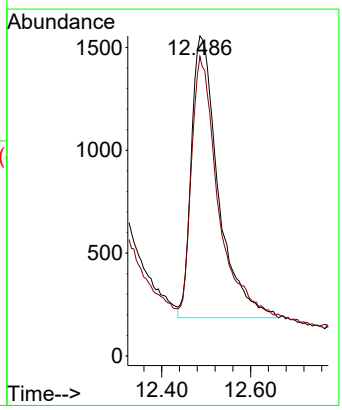


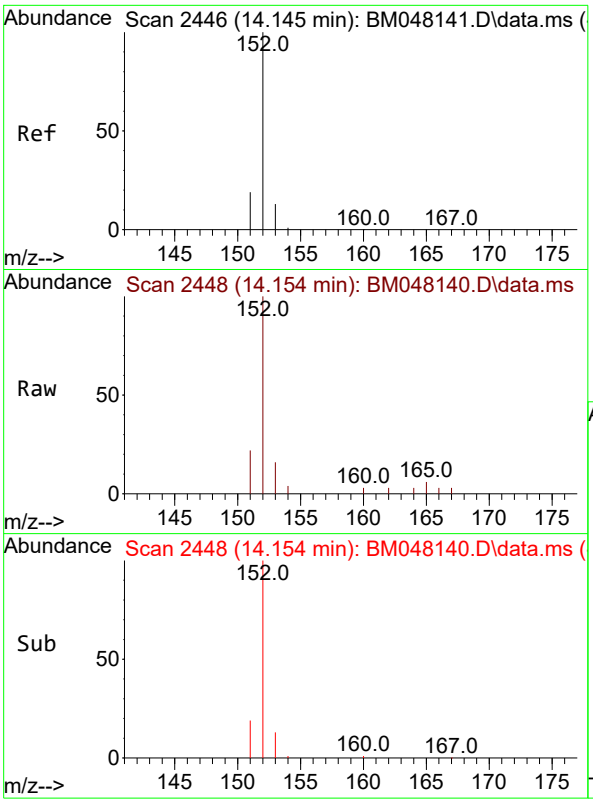


#8
1-Methylnaphthalene
Concen: 0.210 ng/ul
RT: 12.486 min Scan# 2119
Delta R.T. 0.016 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Tgt Ion:142 Resp: 5739

Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.8	110.6



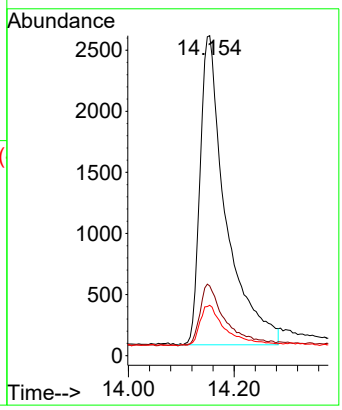


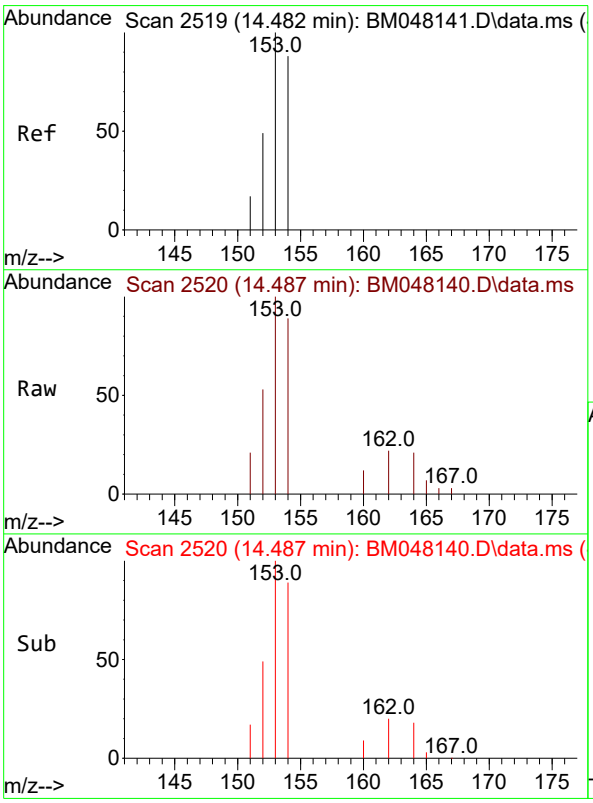
#10
Acenaphthylene
Concen: 0.187 ng/ul
RT: 14.154 min Scan# 24
Delta R.T. 0.009 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion:152 Resp: 8539

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.2	24.4
153	15.7	11.7	17.5

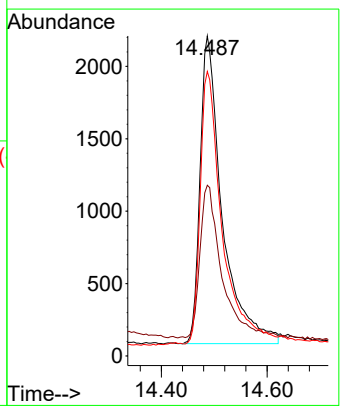


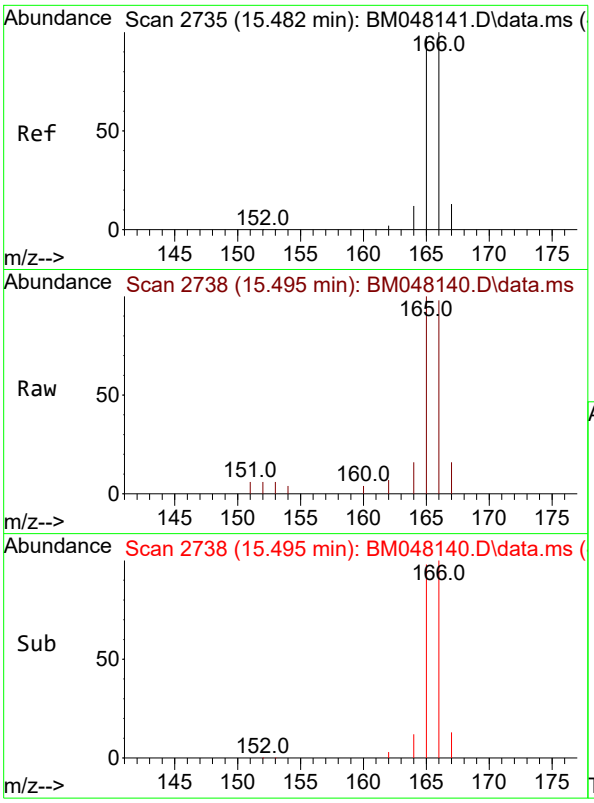


#11
Acenaphthene
Concen: 0.197 ng/ul
RT: 14.487 min Scan# 2520
Delta R.T. 0.004 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Tgt Ion:153 Resp: 6177

Ion	Ratio	Lower	Upper
153	100		
152	53.3	40.9	61.3
154	88.9	71.0	106.4



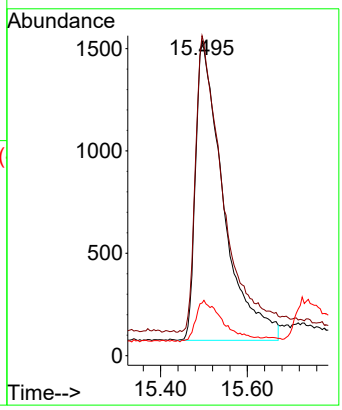


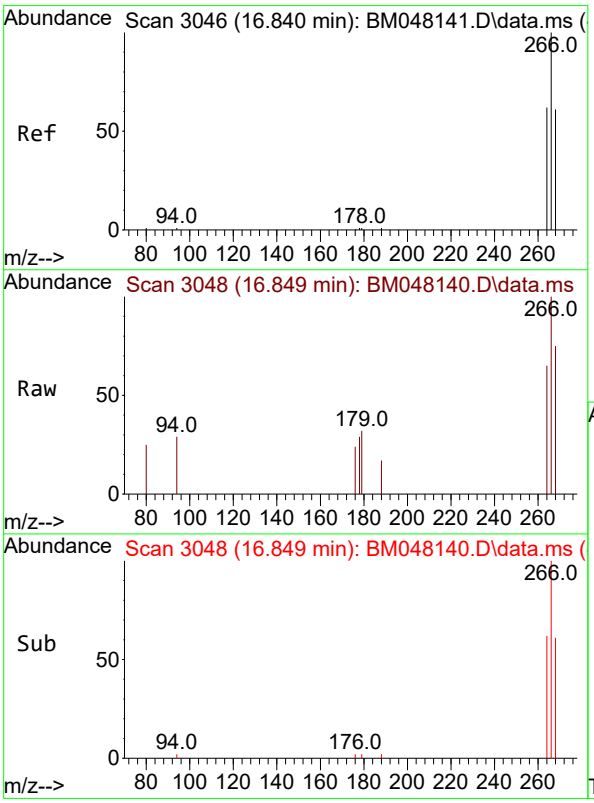
#12
Fluorene
Concen: 0.183 ng/ul
RT: 15.495 min Scan# 2
Delta R.T. 0.014 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion:166 Resp: 6483

Ion	Ratio	Lower	Upper
166	100		
165	101.6	79.1	118.7
167	16.7	12.0	18.0

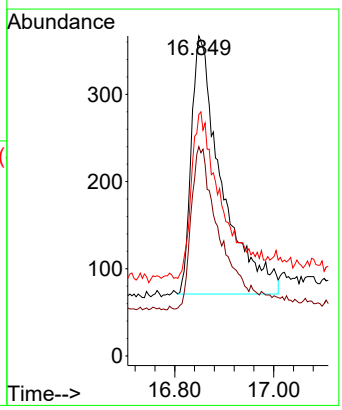


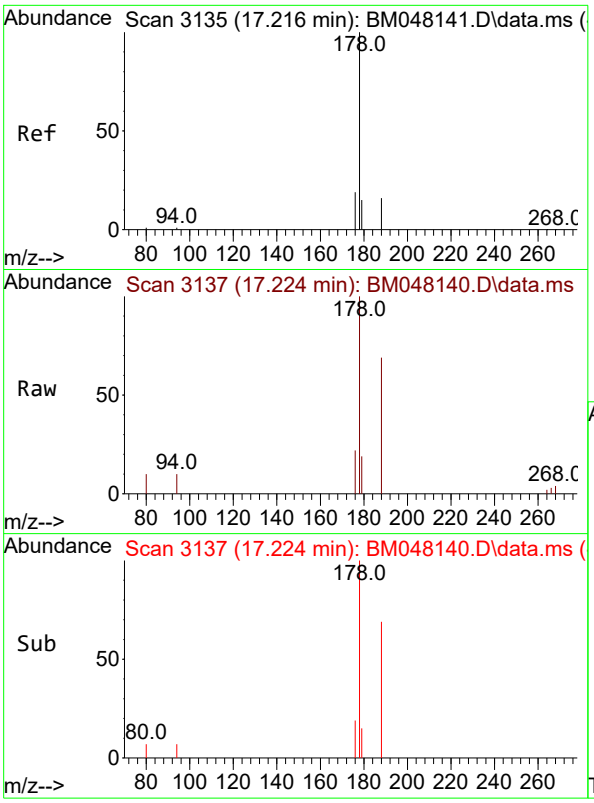


#14
Pentachlorophenol
Concen: 0.231 ng/ul
RT: 16.849 min Scan# 3048
Delta R.T. 0.008 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Tgt Ion:266 Resp: 1253

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.2	75.2
268	69.1	51.8	77.6



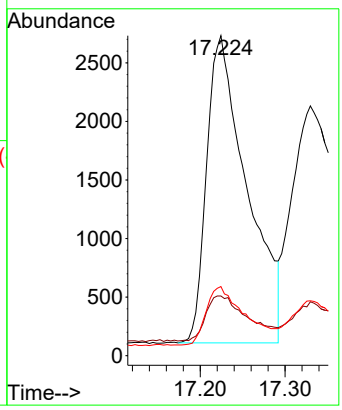


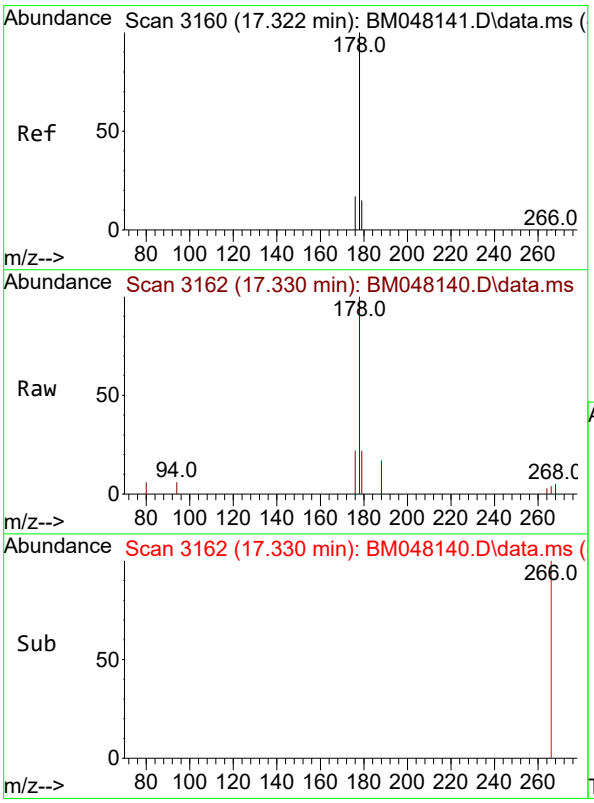
#15
Phenanthrene
Concen: 0.162 ng/ul
RT: 17.224 min Scan# 3
Delta R.T. 0.008 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion:178 Resp: 8667

Ion	Ratio	Lower	Upper
178	100		
179	18.6	13.2	19.8
176	21.6	16.0	24.0

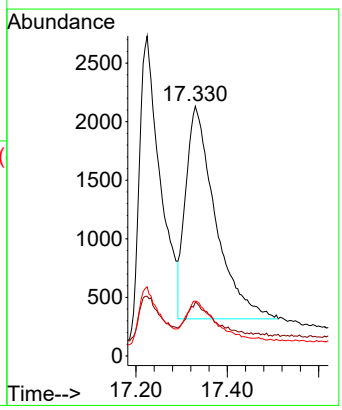


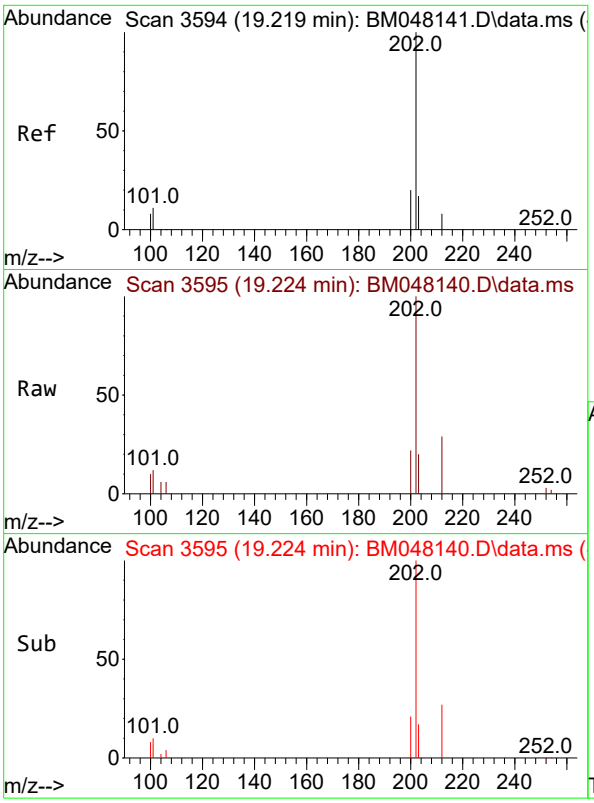


#16
Anthracene
Concen: 0.172 ng/ul
RT: 17.330 min Scan# 3162
Delta R.T. 0.008 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Tgt Ion:178 Resp: 8203

Ion	Ratio	Lower	Upper
178	100		
179	21.6	14.5	21.7
176	21.9	16.0	24.0



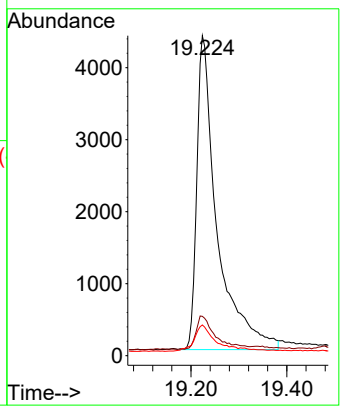


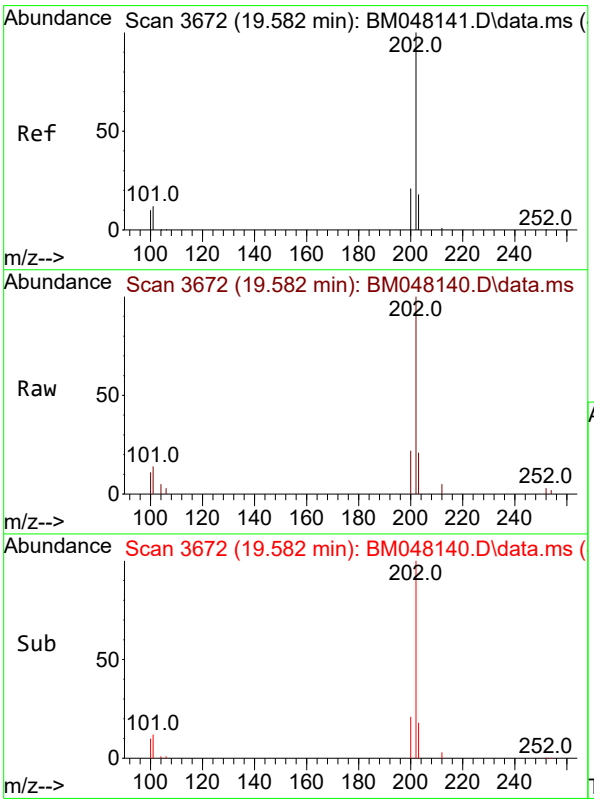
#19
Fluoranthene
Concen: 0.184 ng/ul
RT: 19.224 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion:202 Resp: 12787

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.3	13.9
100	9.6	7.1	10.7

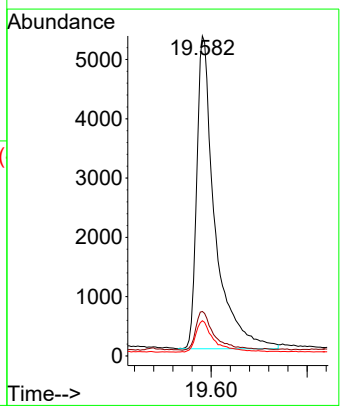


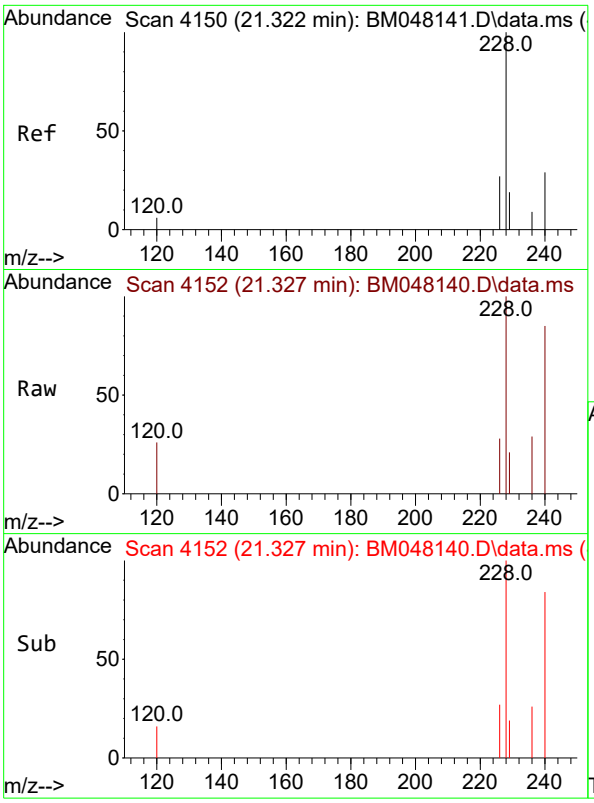


#20
Pyrene
Concen: 0.188 ng/ul
RT: 19.582 min Scan# 3672
Delta R.T. -0.000 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Tgt Ion:202 Resp: 13870

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.6	16.0
100	11.0	8.1	12.1



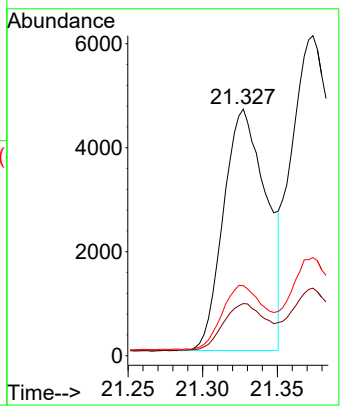


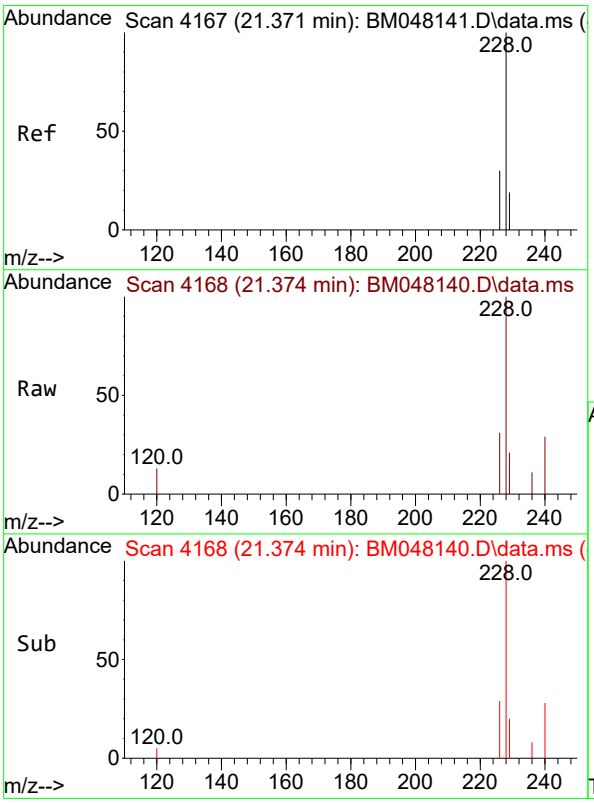
#21
Benzo(a)anthracene
Concen: 0.134 ng/ul
RT: 21.327 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion:228 Resp: 9325

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.4	24.6
226	28.4	22.5	33.7

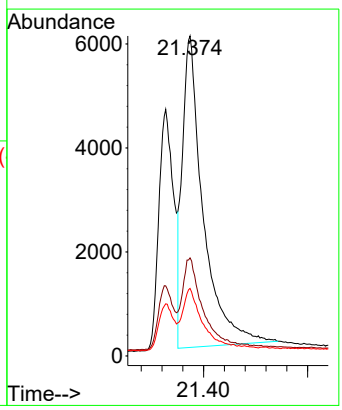


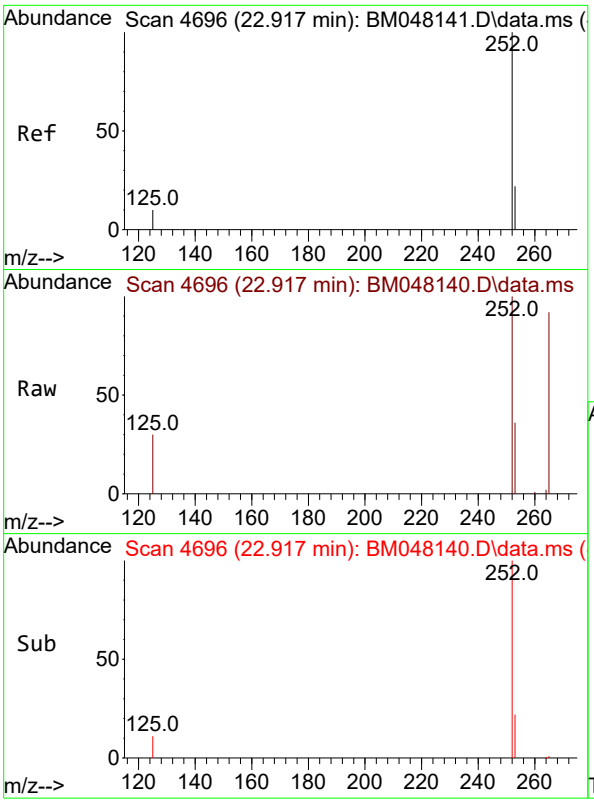


#22
Chrysene
Concen: 0.229 ng/ul
RT: 21.374 min Scan# 4168
Delta R.T. 0.003 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Tgt Ion:228 Resp: 16592

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	21.1	16.1	24.1



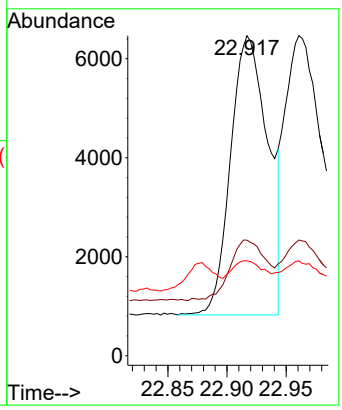


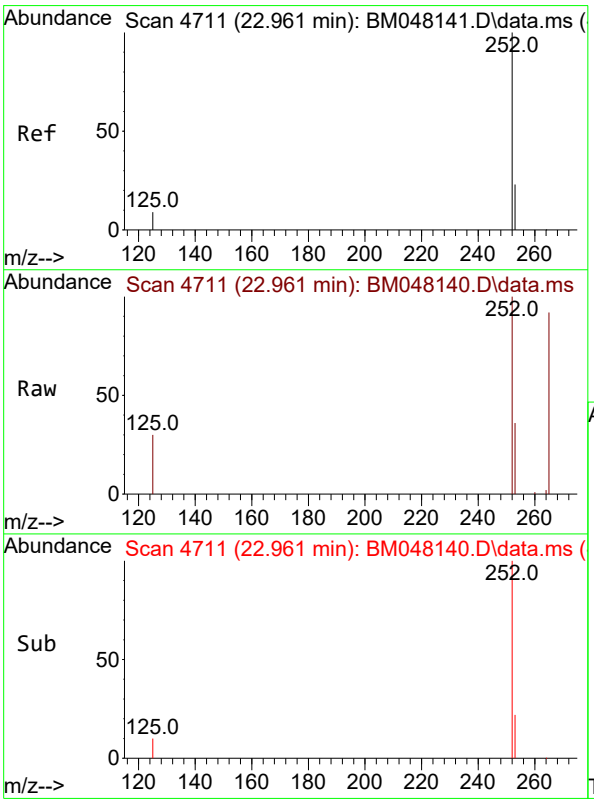
#24
Benzo(b)fluoranthene
Concen: 0.177 ng/ul
RT: 22.917 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion:252 Resp: 12440

Ion	Ratio	Lower	Upper
252	100		
253	36.1	0.0	61.6
125	29.6	0.0	42.8

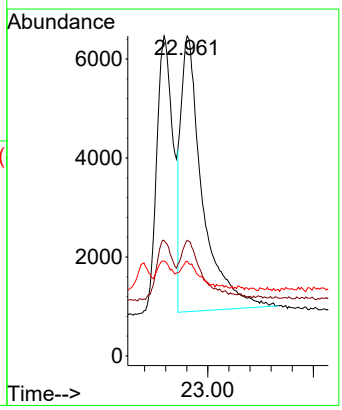


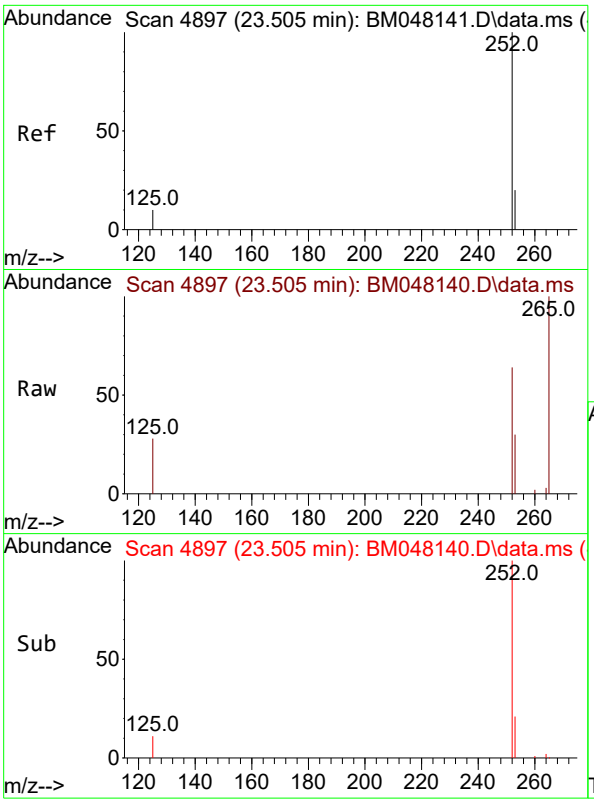


#25
Benzo(k)fluoranthene
Concen: 0.223 ng/ul
RT: 22.961 min Scan# 4711
Delta R.T. -0.000 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Tgt Ion:252 Resp: 15807

Ion	Ratio	Lower	Upper
252	100		
253	36.1	24.4	36.6
125	29.6	16.8	25.2#



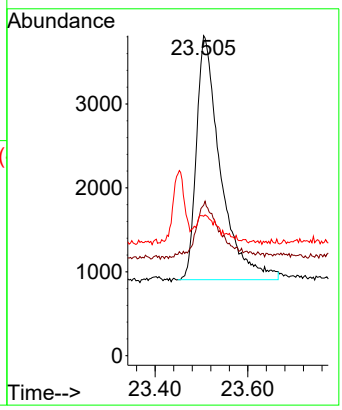


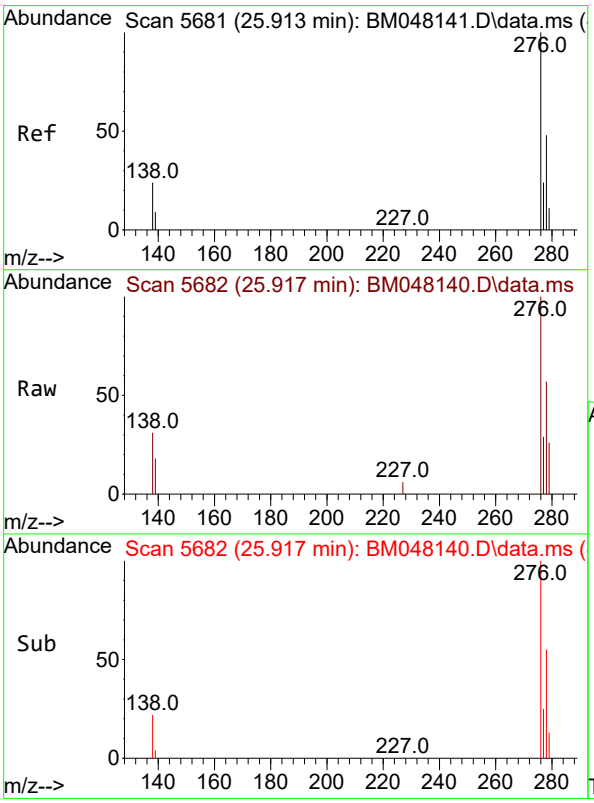
#26
Benzo(a)pyrene
Concen: 0.188 ng/ul
RT: 23.505 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion:252 Resp: 10457

Ion	Ratio	Lower	Upper
252	100		
253	47.0	29.0	43.4#
125	43.6	24.4	36.6#

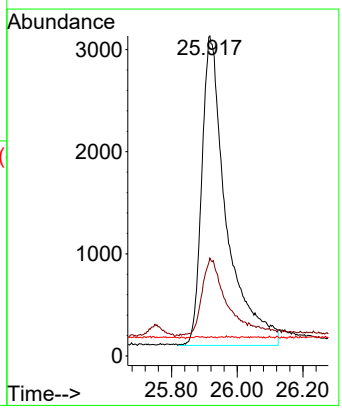


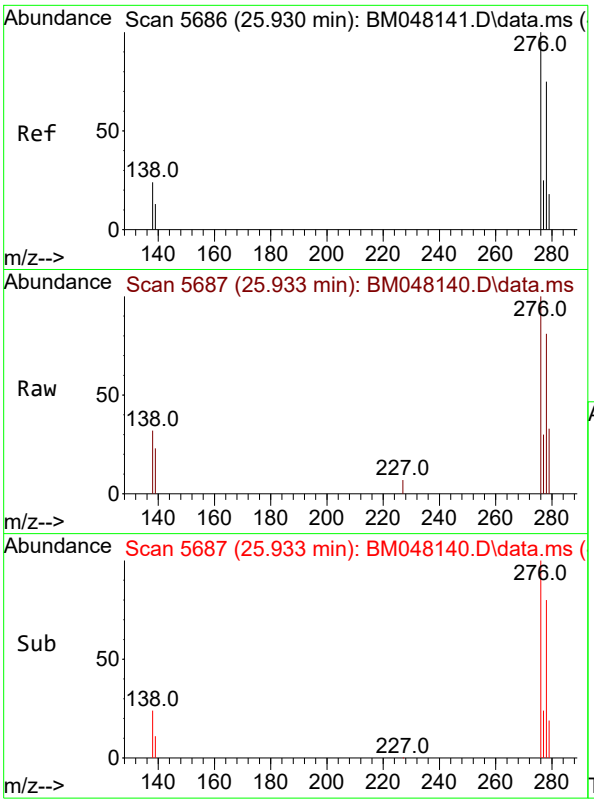


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.178 ng/ul
RT: 25.917 min Scan# 5682
Delta R.T. 0.003 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Tgt Ion:276 Resp: 15734

Ion	Ratio	Lower	Upper
276	100		
138	26.3	20.2	30.2
227	0.1	0.0	0.0#



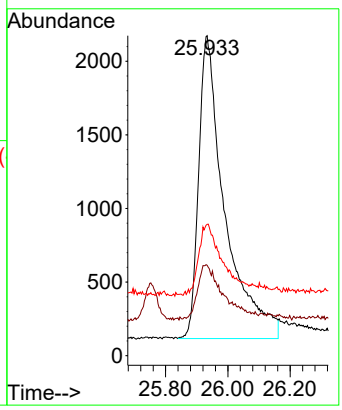


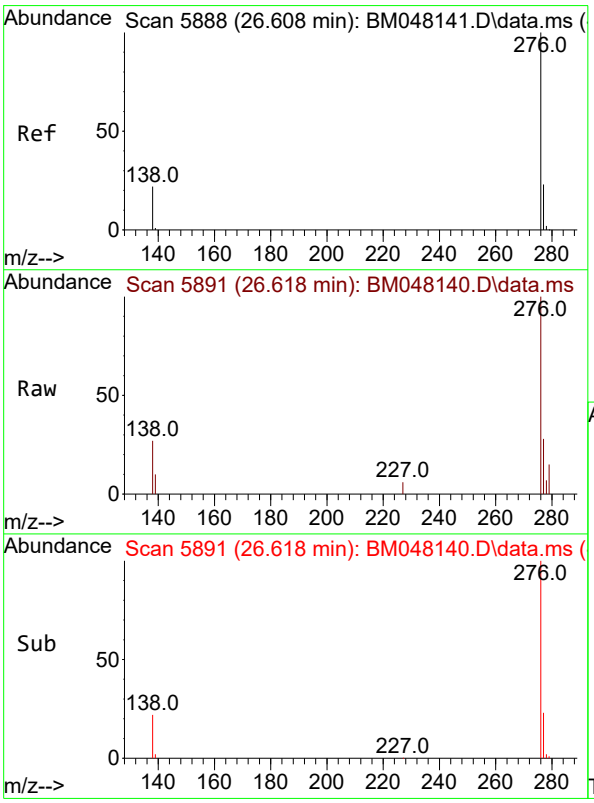
#28
Dibenzo(a,h)anthracene
Concen: 0.180 ng/ul
RT: 25.933 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Tgt Ion:278 Resp: 11987

Ion	Ratio	Lower	Upper
278	100		
139	28.2	18.9	28.3
279	41.1	27.6	41.4





#29
Benzo(g,h,i)perylene
Concen: 0.186 ng/ul
RT: 26.618 min Scan# 5891
Delta R.T. 0.010 min
Lab File: BM048140.D
Acq: 18 Oct 2024 17:56

Tgt Ion:276 Resp: 13180

Ion	Ratio	Lower	Upper
276	100		
138	27.5	20.3	30.5
277	27.9	20.4	30.6