Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Quant Time: Jun 10 01:27:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	5814	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.232	136	19935	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	10586	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.947	188	1262908	0.400	ng/ul	0.08
17) Chrysene-d12	21.292	240	218	0.400	ng/ul	# 0.24
23) Perylene-d12	23.396	264	2337	0.400	ng/ul	# 0.23
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	32478	4.905	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.838	152	8062	0.281	ng/ul	0.00
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds						Qvalue
5) Naphthalene	10.282	128	5918	0.114	ng/ul	96
7) 2-Methylnaphthalene	11.915	142	2107	0.063	ng/ul	99
8) 1-Methylnaphthalene	12.135	142	1776	0.049	ng/ul	98
10) Acenaphthylene	13.826	152	9547	0.198	ng/ul	99
11) Acenaphthene	14.173	153	6514	0.184	ng/ul	100
12) Fluorene	15.163	166	7361	0.186	ng/ul	97
20) Pyrene	19.485	202	122	0.135	ng/ul#	33
21) Benzo(a)anthracene	21.286	228	490	0.612	ng/ul#	1
22) Chrysene	21.338	228	57	0.065	ng/ul#	1
24) Benzo(b)fluoranthene	22.691	252	23882	3.081	ng/ul	87
25) Benzo(k)fluoranthene	22.896	252	2941	0.345	ng/ul#	1
26) Benzo(a)pyrene	23.288	252	290	0.038	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.457	276	4294	0.431	ng/ul#	50
28) Dibenzo(a,h)anthracene	25.541	278	20857	2.617	ng/ul	91
29) Benzo(g,h,i)perylene	26.181	276	2103	0.245	ng/ul#	1

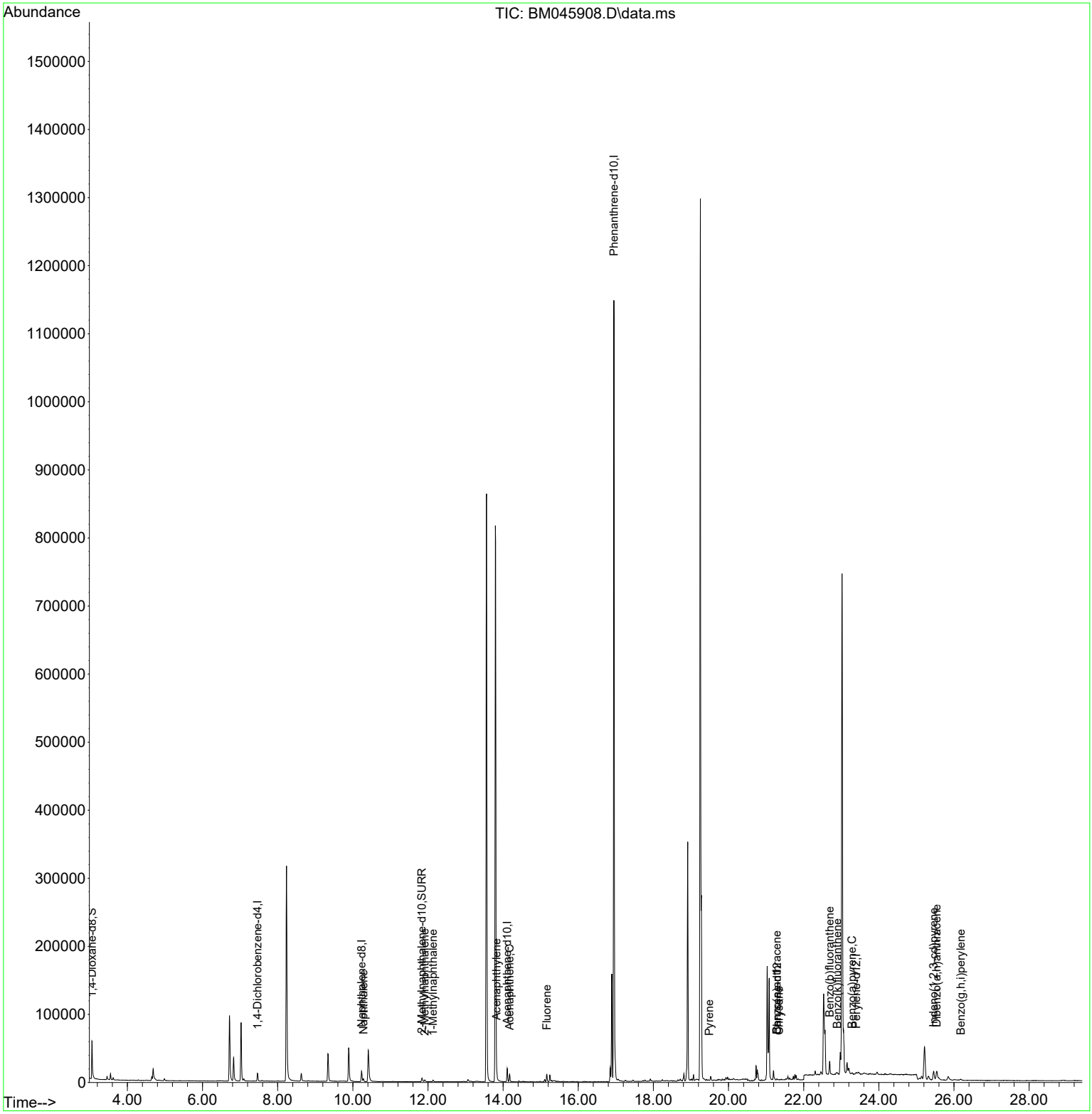
(#) = qualifier out of range (m) = manual integration (+) = signals summed

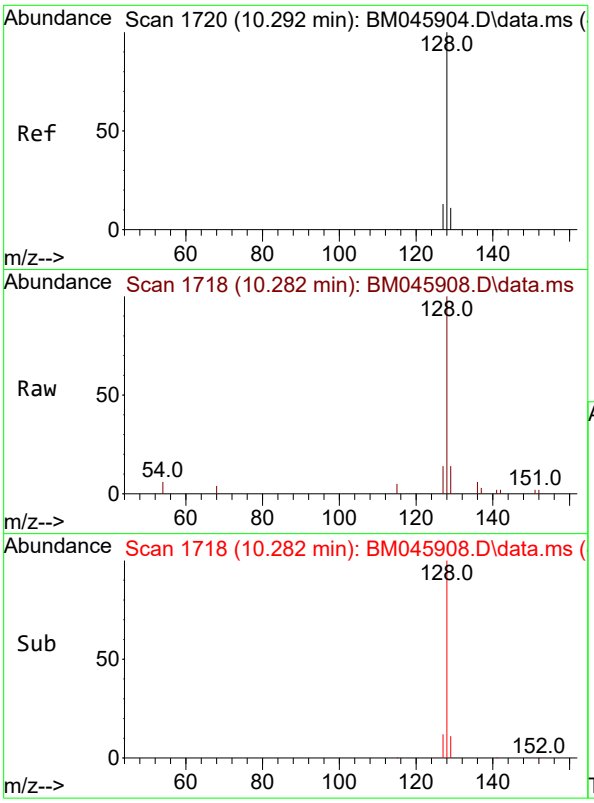
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045908.D
Acq On : 08 Jun 2024 10:10
Operator : MA/JU
Sample : P2640-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BG8

Quant Time: Jun 10 01:27:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration



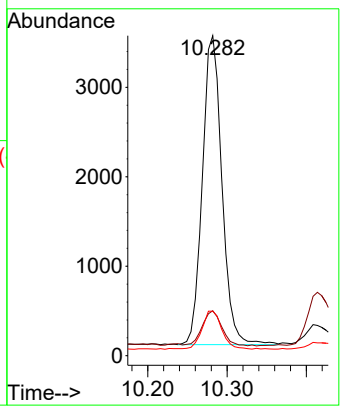


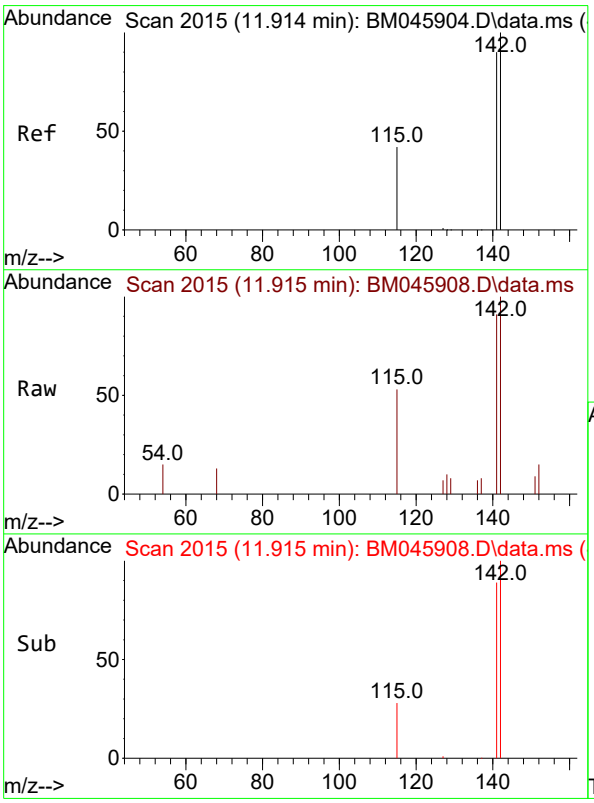
#5
Naphthalene
Concen: 0.114 ng/ul
RT: 10.282 min Scan# 1
Delta R.T. -0.021 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

Instrument :
BNA_M
ClientSampleId :
A4BG8

Tgt Ion:128 Resp: 5918

Ion	Ratio	Lower	Upper
128	100		
129	14.0	9.4	14.0
127	13.9	10.6	15.8

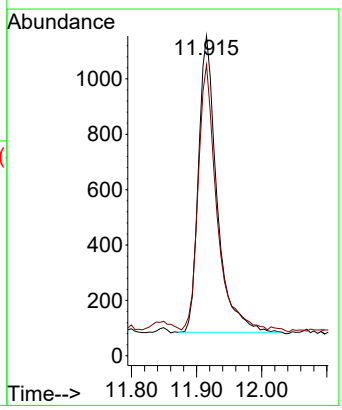


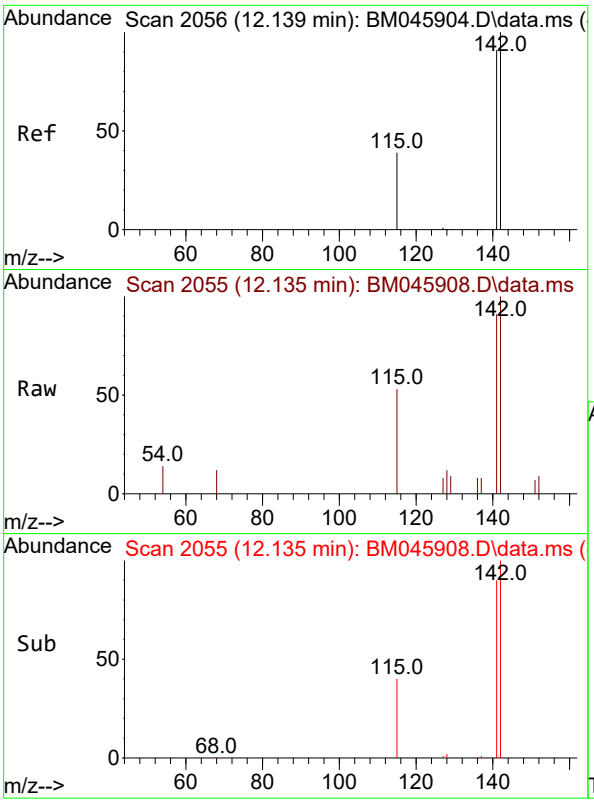


#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 11.915 min Scan# 2015
Delta R.T. -0.004 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

Tgt Ion:142 Resp: 2107

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.2	108.4



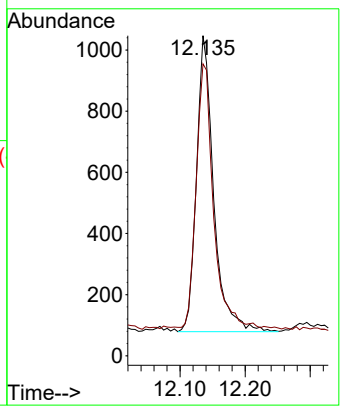


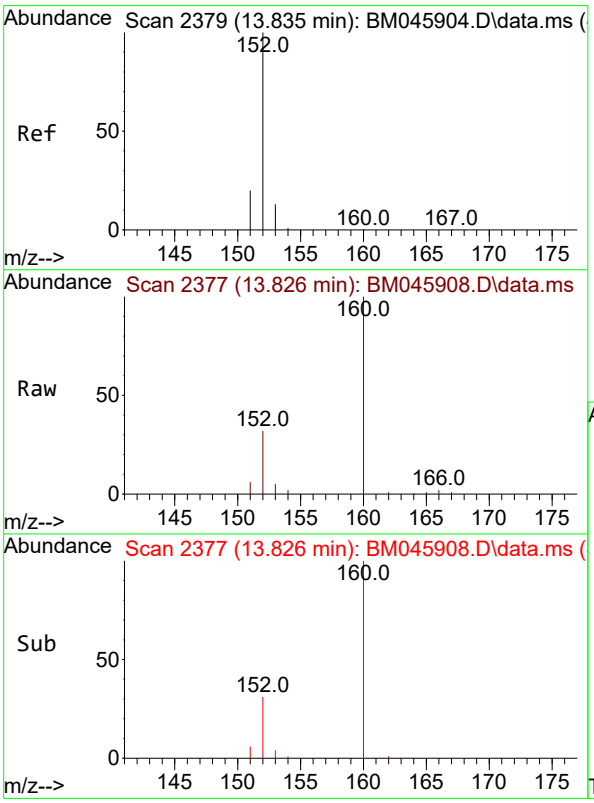
#8
1-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.135 min Scan# 2
Delta R.T. -0.010 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

Instrument :
BNA_M
ClientSampleId :
A4BG8

Tgt Ion:142 Resp: 1776

Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.5	110.3

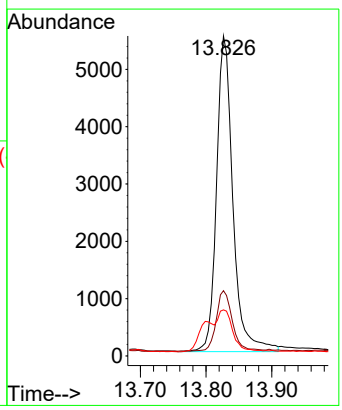


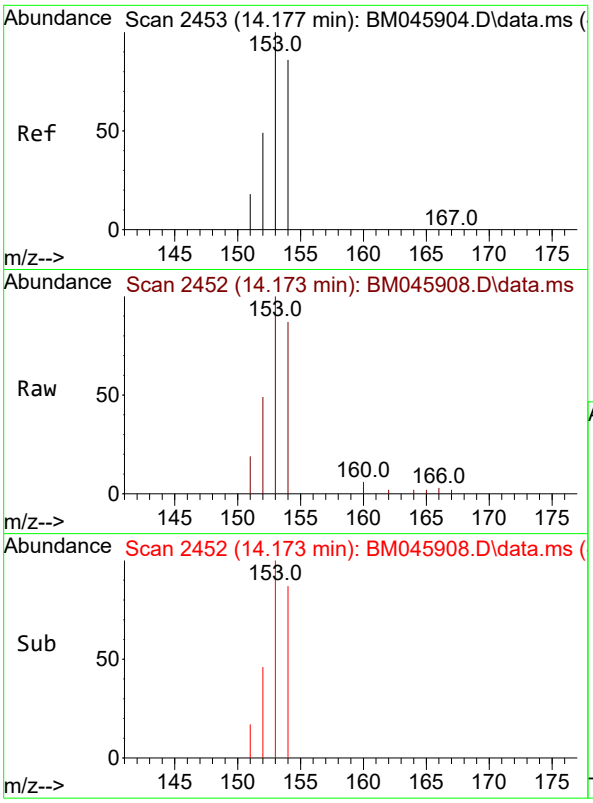


#10
Acenaphthylene
Concen: 0.198 ng/ul
RT: 13.826 min Scan# 2377
Delta R.T. -0.013 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

Tgt Ion:152 Resp: 9547

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	14.4	11.1	16.7



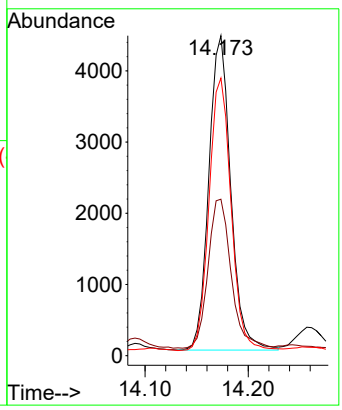


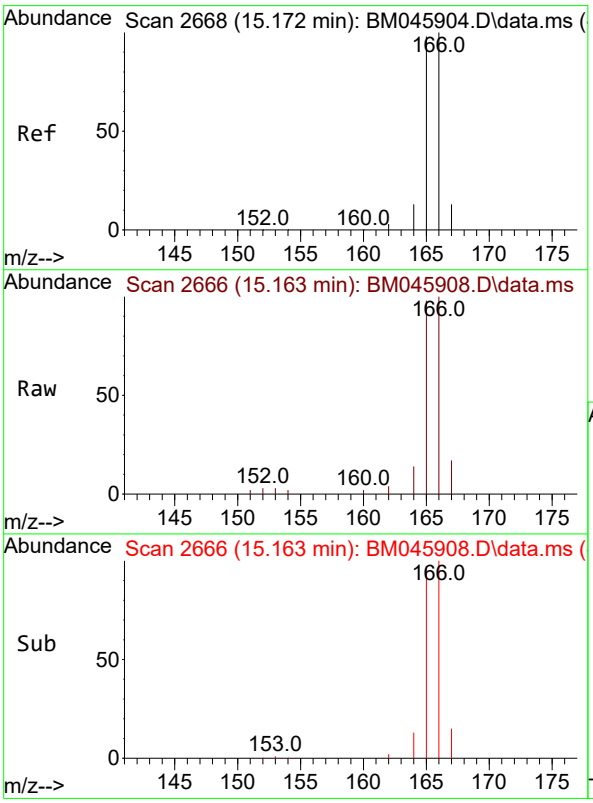
#11
Acenaphthene
Concen: 0.184 ng/ul
RT: 14.173 min Scan# 24
Delta R.T. -0.008 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

Instrument :
BNA_M
ClientSampleId :
A4BG8

Tgt Ion:153 Resp: 6514

Ion	Ratio	Lower	Upper
153	100		
152	48.9	39.0	58.4
154	86.8	69.4	104.2

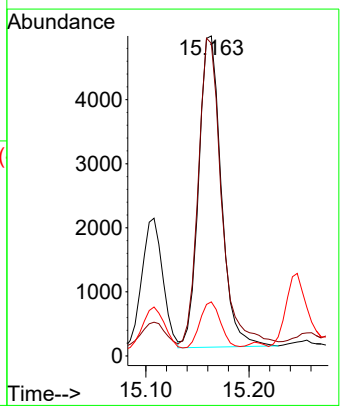


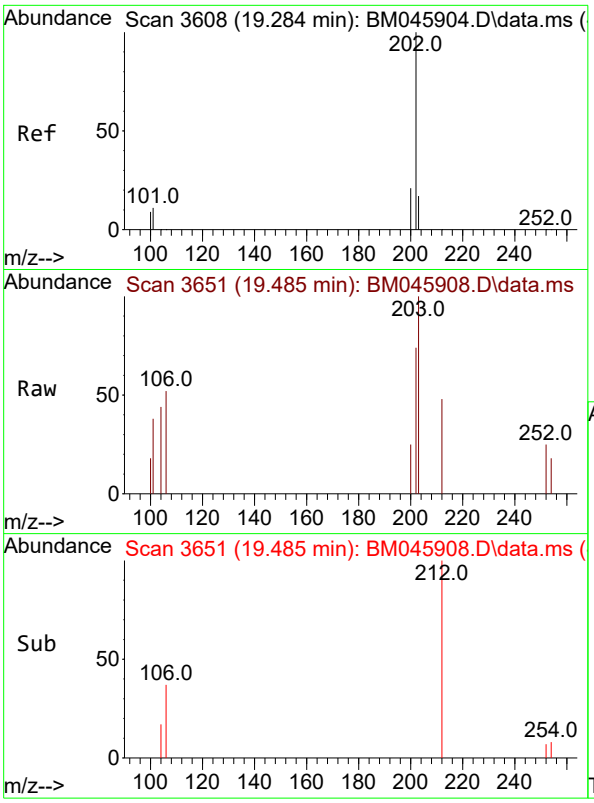


#12
Fluorene
Concen: 0.186 ng/ul
RT: 15.163 min Scan# 2666
Delta R.T. -0.013 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

Tgt Ion:166 Resp: 7361

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.7	119.5
167	16.9	11.3	16.9



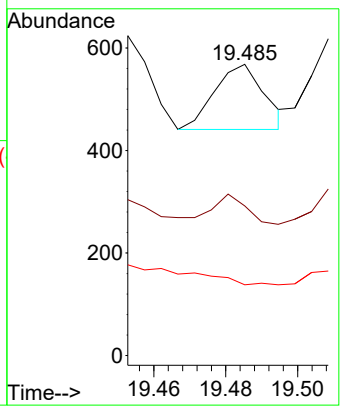


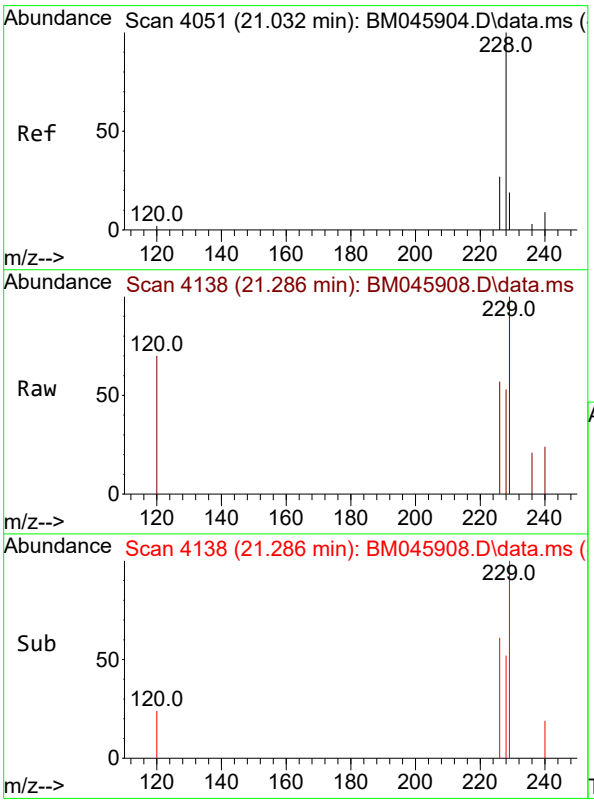
#20
Pyrene
Concen: 0.135 ng/ul
RT: 19.485 min Scan# 3
Delta R.T. 0.201 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

Instrument :
BNA_M
ClientSampleId :
A4BG8

Tgt Ion:202 Resp: 122

Ion	Ratio	Lower	Upper
202	100		
101	51.4	10.6	16.0#
100	24.3	9.1	13.7#

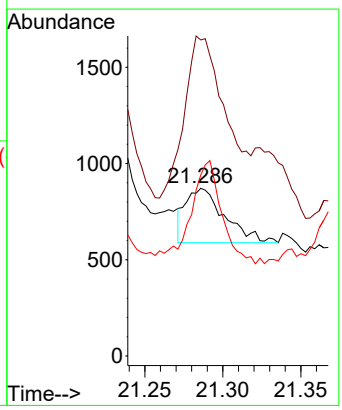


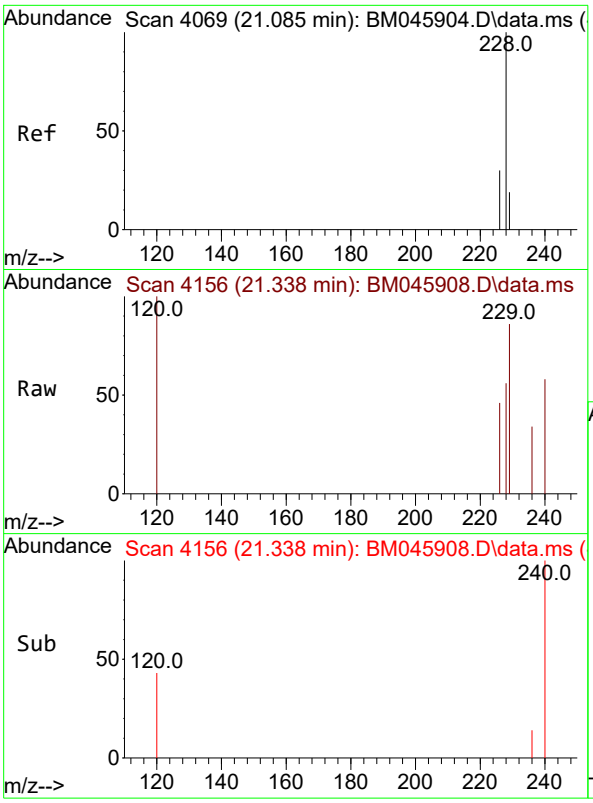


#21
Benzo(a)anthracene
Concen: 0.612 ng/ul
RT: 21.286 min Scan# 4138
Delta R.T. 0.251 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

Tgt Ion:228 Resp: 490

Ion	Ratio	Lower	Upper
228	100		
229	188.5	15.7	23.5#
226	107.9	22.0	33.0#



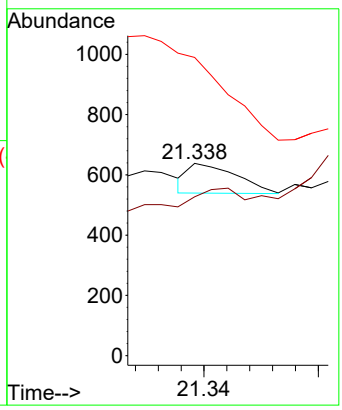


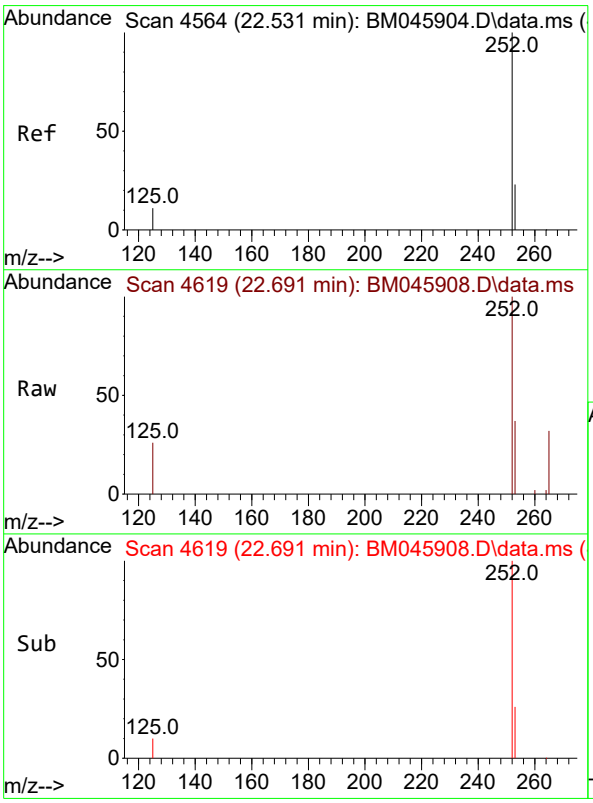
#22
Chrysene
Concen: 0.065 ng/ul
RT: 21.338 min Scan# 4
Delta R.T. 0.251 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

Instrument :
BNA_M
ClientSampleId :
A4BG8

Tgt Ion:228 Resp: 57

Ion	Ratio	Lower	Upper
228	100		
226	82.6	24.5	36.7#
229	155.2	16.2	24.2#

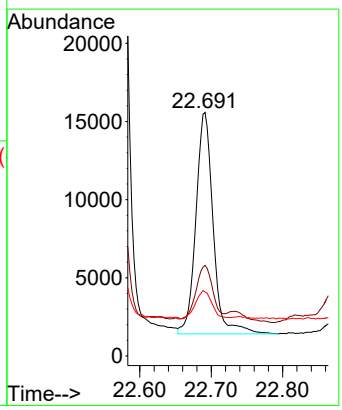


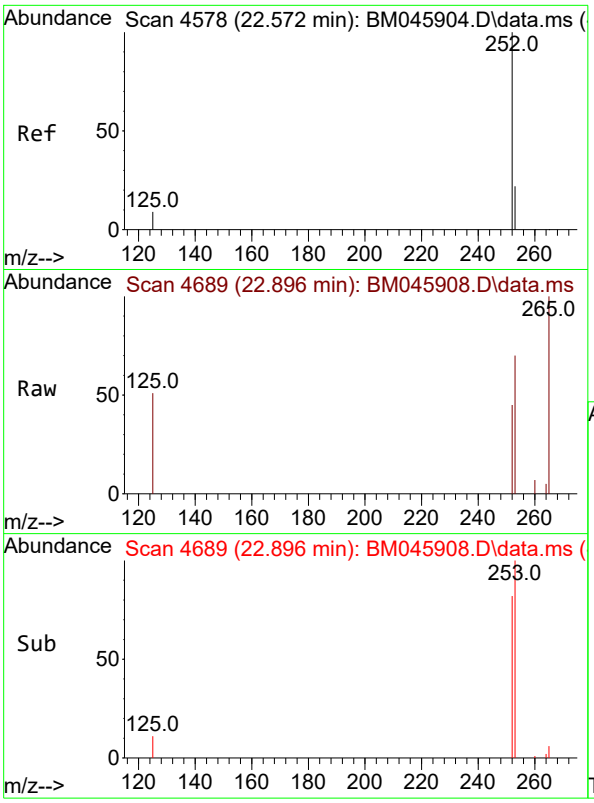


#24
Benzo(b)fluoranthene
Concen: 3.081 ng/ul
RT: 22.691 min Scan# 4619
Delta R.T. 0.154 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

Tgt Ion:252 Resp: 23882

Ion	Ratio	Lower	Upper
252	100		
253	37.2	0.0	63.6
125	26.3	0.0	35.8



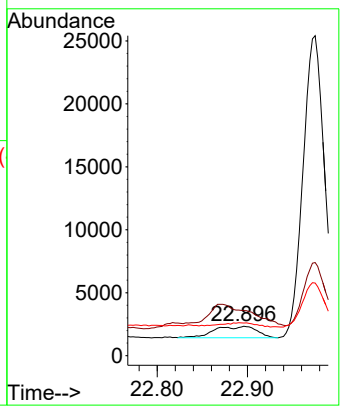


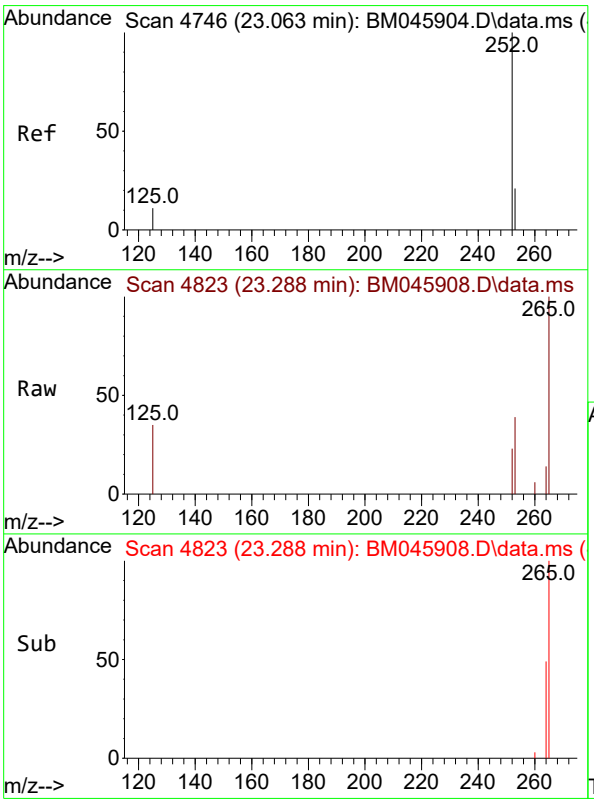
#25
Benzo(k)fluoranthene
Concen: 0.345 ng/ul
RT: 22.896 min Scan# 4
Delta R.T. 0.315 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

Instrument :
BNA_M
ClientSampleId :
A4BG8

Tgt Ion:252 Resp: 2941

Ion	Ratio	Lower	Upper
252	100		
253	153.9	25.0	37.6#
125	111.4	14.2	21.2#

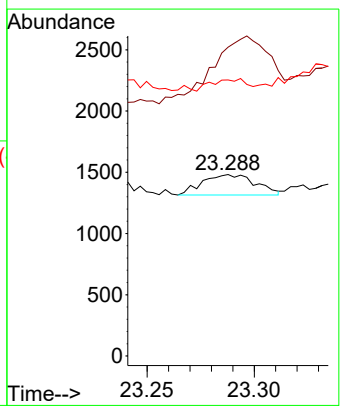


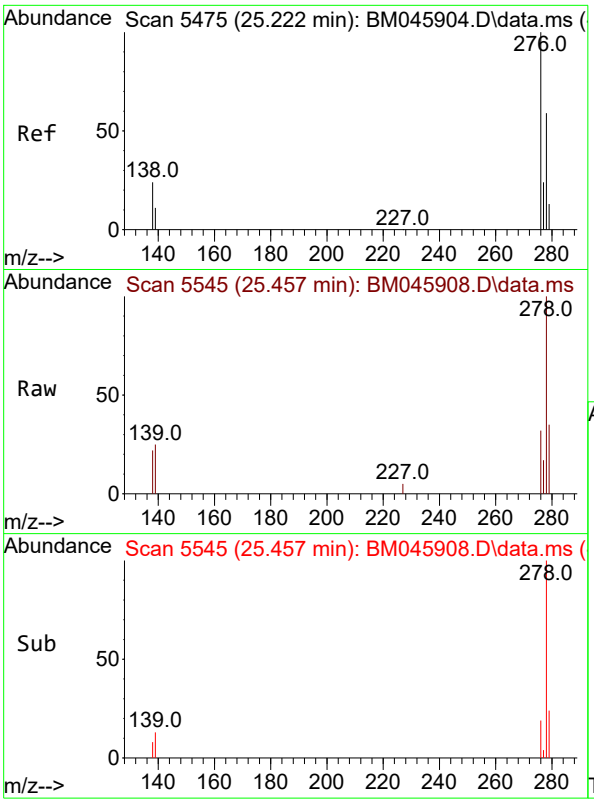


#26
Benzo(a)pyrene
Concen: 0.038 ng/ul
RT: 23.288 min Scan# 4823
Delta R.T. 0.216 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

Tgt Ion:252 Resp: 290

Ion	Ratio	Lower	Upper
252	100		
253	170.2	28.8	43.2#
125	152.1	17.3	25.9#



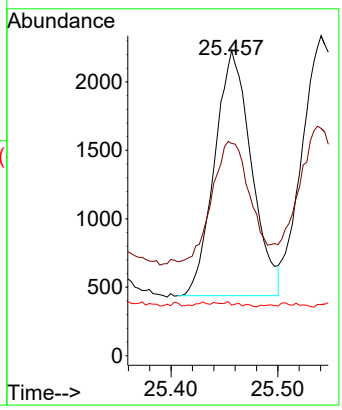


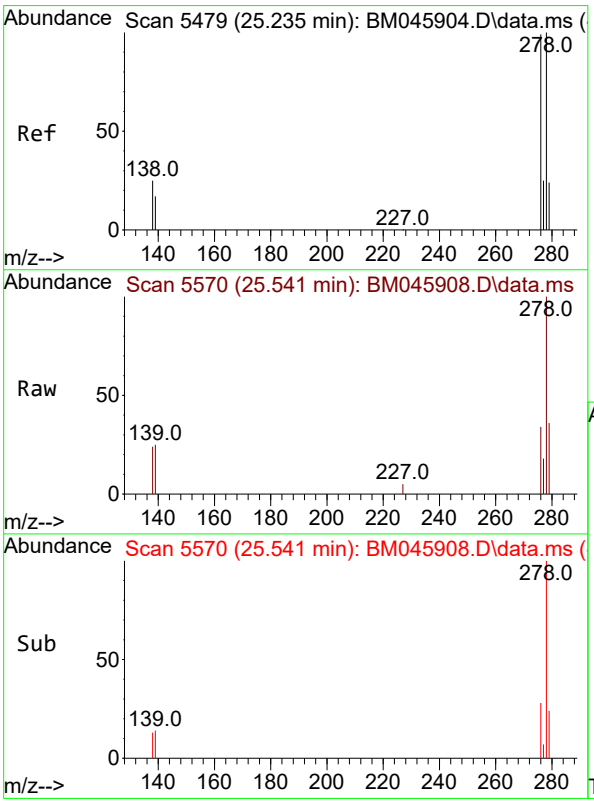
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng/ul
RT: 25.457 min Scan# 5
Delta R.T. 0.225 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

Instrument :
BNA_M
ClientSampleId :
A4BG8

Tgt Ion:276 Resp: 4294

Ion	Ratio	Lower	Upper
276	100		
138	51.6	20.7	31.1#
227	1.1	0.2	0.2#

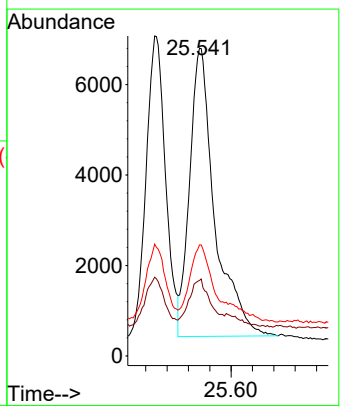


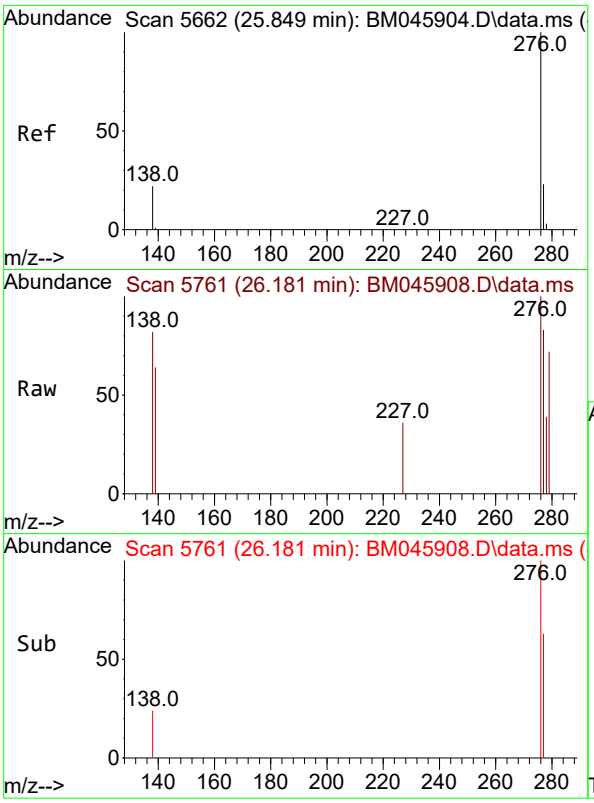


#28
Dibenzo(a,h)anthracene
Concen: 2.617 ng/ul
RT: 25.541 min Scan# 5570
Delta R.T. 0.292 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

Tgt Ion:278 Resp: 20857

Ion	Ratio	Lower	Upper
278	100		
139	24.5	16.6	25.0
279	36.1	24.6	37.0





#29
Benzo(g,h,i)perylene
Concen: 0.245 ng/ul
RT: 26.181 min Scan# 5
Delta R.T. 0.318 min
Lab File: BM045908.D
Acq: 08 Jun 2024 10:10

Instrument :
BNA_M
ClientSampleId :
A4BG8

Tgt Ion:276 Resp: 2103

Ion	Ratio	Lower	Upper
276	100		
138	81.9	21.0	31.4#
277	83.2	20.5	30.7#