Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046165.D
Acq On : 21 Jun 2024 18:15
Operator : MA/JU
Sample : P2754-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BQ0

Quant Time: Jun 21 22:27:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.421	152	2341	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.193	136	6896	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.066	164	3821	0.400	ng/ul	#-0.05
13) Phenanthrene-d10	16.908	188	423337	0.400	ng/ul	# 0.05
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.04
23) Perylene-d12	23.107	264	12411	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	11897	3.704	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.815	152	2517	0.272	ng/ul	-0.05
18) Fluoranthene-d10	18.843	212	5790	0.000	ng/ul	-0.04
Target Compounds						Qvalue
5) Naphthalene	10.237	128	7177	0.373	ng/ul	97
7) 2-Methylnaphthalene	11.892	142	2527	0.233	ng/ul	98
8) 1-Methylnaphthalene	12.107	142	2267	0.191	ng/ul	98
10) Acenaphthylene	13.784	152	2059	0.114	ng/ul#	82
11) Acenaphthene	14.131	153	13331	1.019	ng/ul	97
12) Fluorene	15.125	166	17420	1.241	ng/ul	97
15) Phenanthrene	16.942	178	66232	0.056	ng/ul	97
24) Benzo(b)fluoranthene	22.487	252	167301	3.742	ng/ul	84
25) Benzo(k)fluoranthene	22.645	252	17803	0.335	ng/ul	97
26) Benzo(a)pyrene	23.014	252	96856	2.338	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.152	276	61218	0.903	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.159	278	13094	0.259	ng/ul	96
29) Benzo(g,h,i)perylene	25.776	276	58498	1.006	ng/ul	95

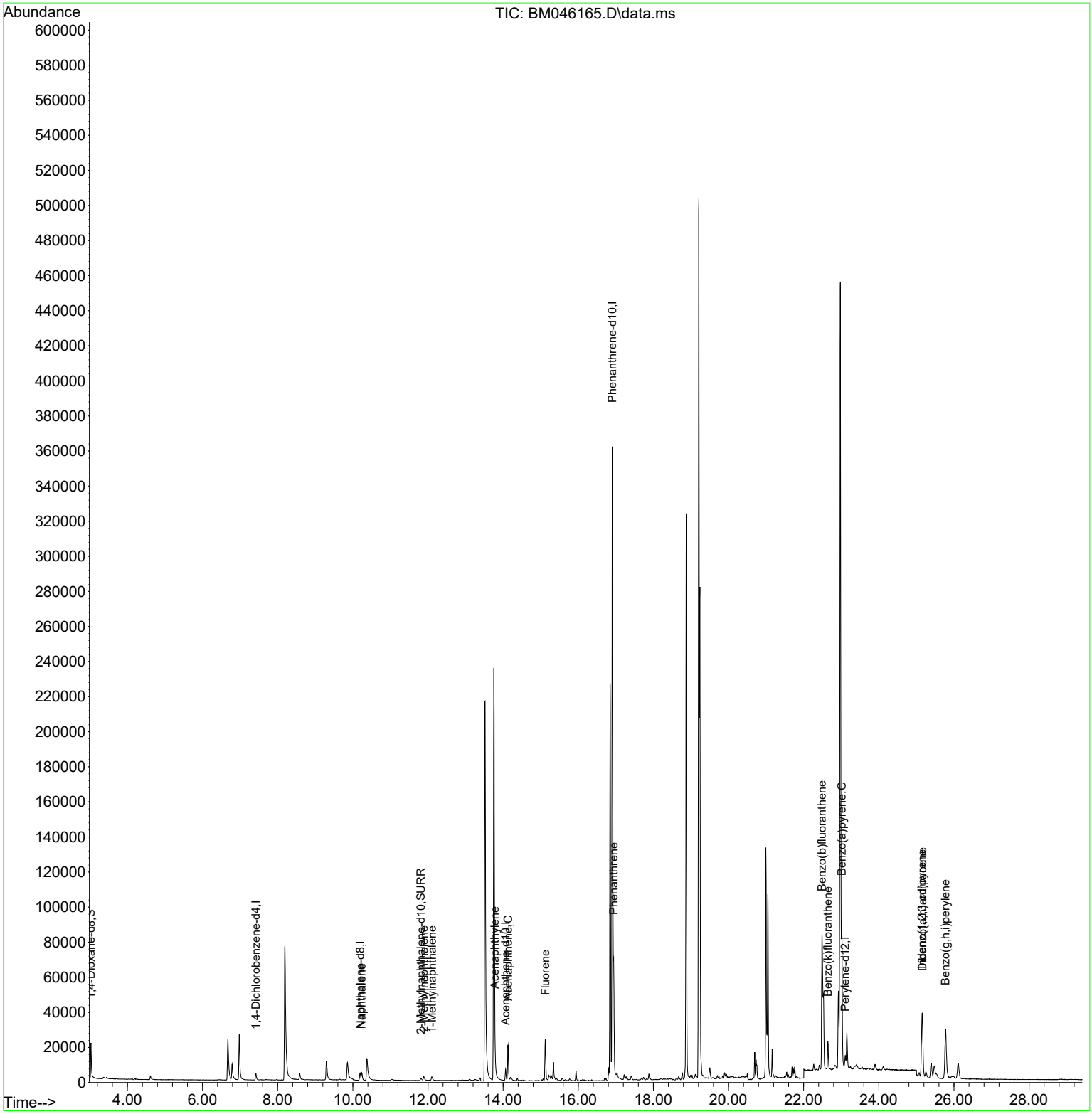
(#) = qualifier out of range (m) = manual integration (+) = signals summed

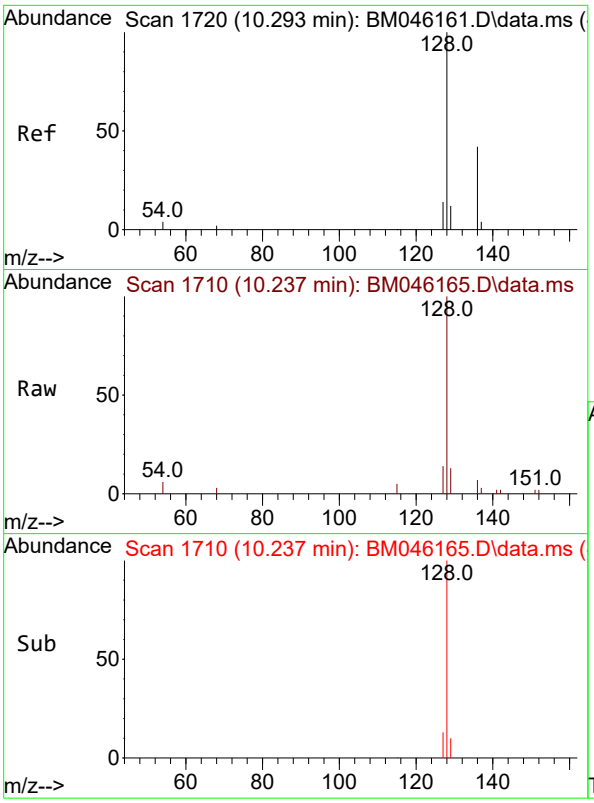
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046165.D
Acq On : 21 Jun 2024 18:15
Operator : MA/JU
Sample : P2754-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BQ0

Quant Time: Jun 21 22:27:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration



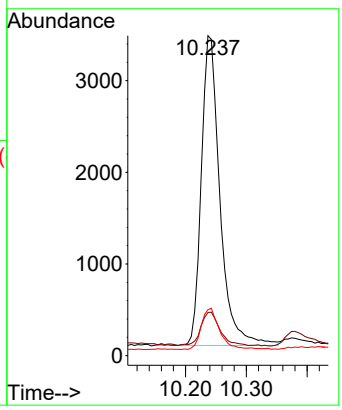


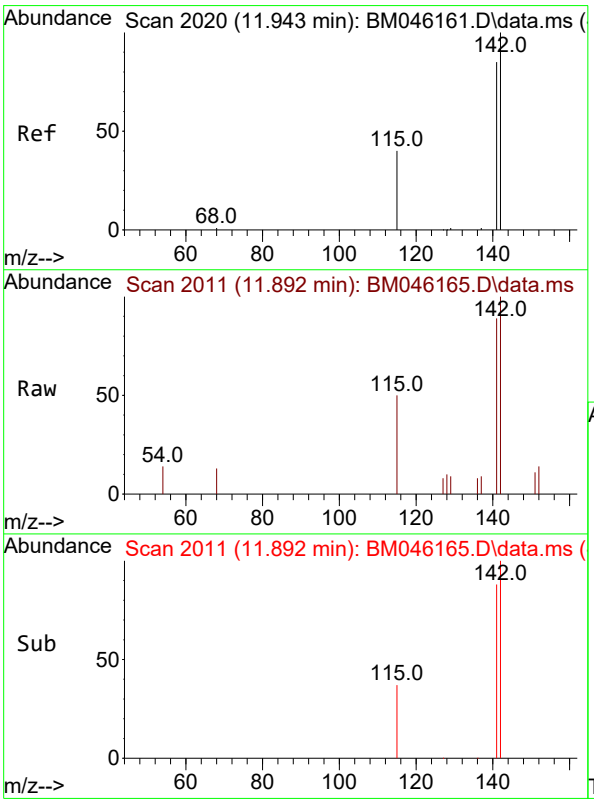
#5
Naphthalene
Concen: 0.373 ng/ul
RT: 10.237 min Scan# 1
Delta R.T. -0.066 min
Lab File: BM046165.D
Acq: 21 Jun 2024 18:15

Instrument :
BNA_M
ClientSampleId :
A4BQ0

Tgt Ion:128 Resp: 7177

Ion	Ratio	Lower	Upper
128	100		
129	13.5	11.8	17.6
127	14.4	12.8	19.2

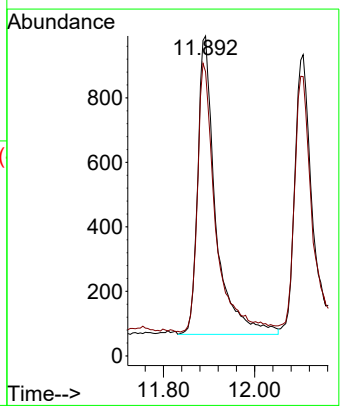


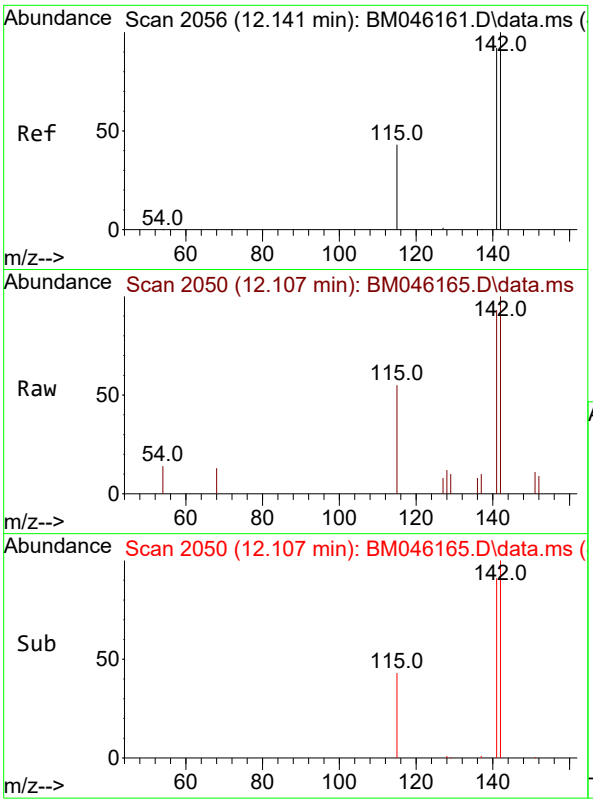


#7
2-Methylnaphthalene
Concen: 0.233 ng/ul
RT: 11.892 min Scan# 2011
Delta R.T. -0.055 min
Lab File: BM046165.D
Acq: 21 Jun 2024 18:15

Tgt Ion:142 Resp: 2527

Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.6	111.8



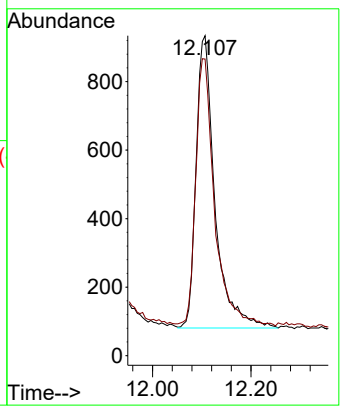


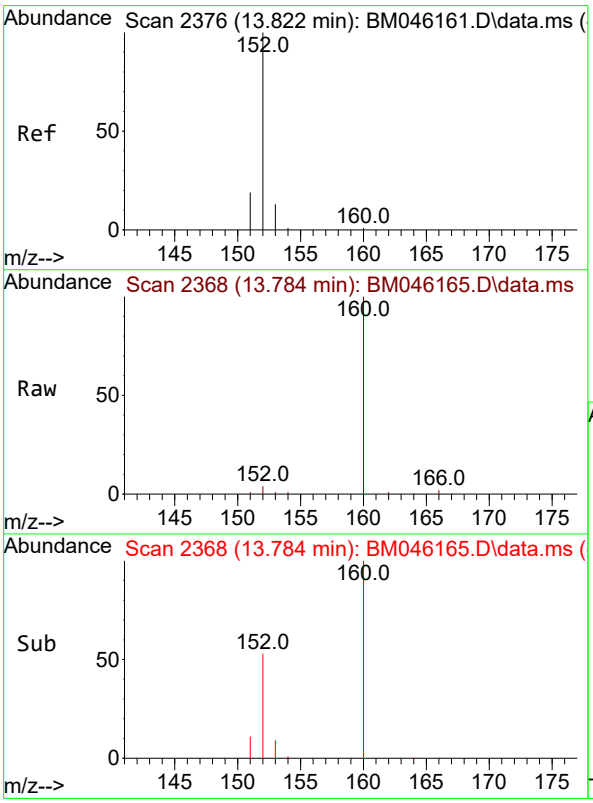
#8
1-Methylnaphthalene
Concen: 0.191 ng/ul
RT: 12.107 min Scan# 2
Delta R.T. -0.044 min
Lab File: BM046165.D
Acq: 21 Jun 2024 18:15

Instrument :
BNA_M
ClientSampleId :
A4BQ0

Tgt Ion:142 Resp: 2267

Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.2	112.8

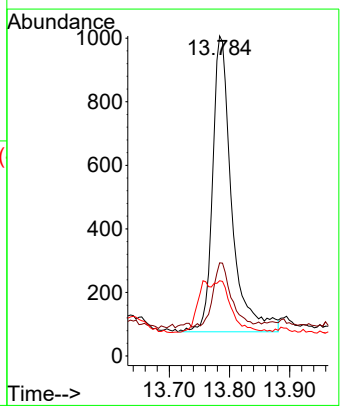


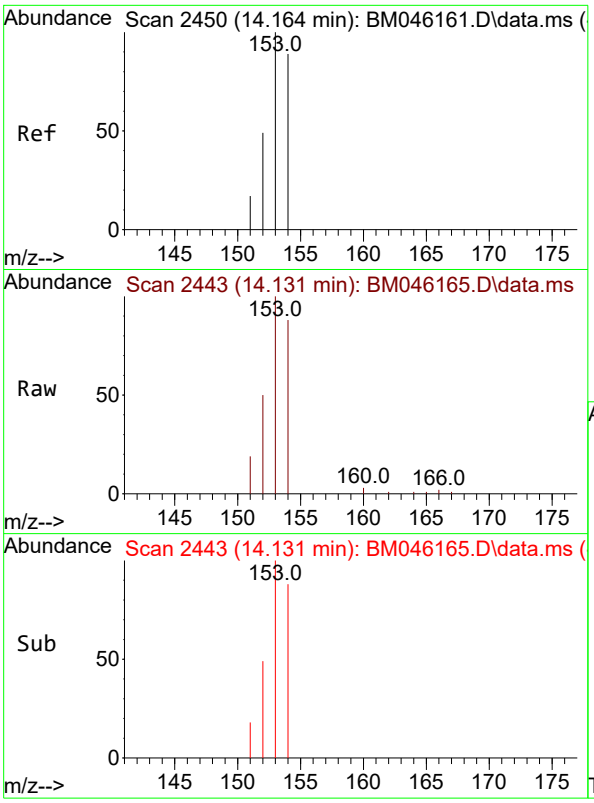


#10
Acenaphthylene
Concen: 0.114 ng/ul
RT: 13.784 min Scan# 2368
Delta R.T. -0.051 min
Lab File: BM046165.D
Acq: 21 Jun 2024 18:15

Tgt Ion:152 Resp: 2059

Ion	Ratio	Lower	Upper
152	100		
151	29.1	17.4	26.2#
153	23.5	11.8	17.8#



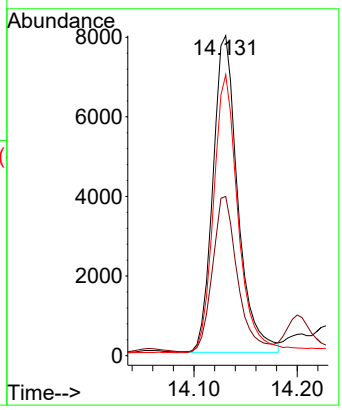


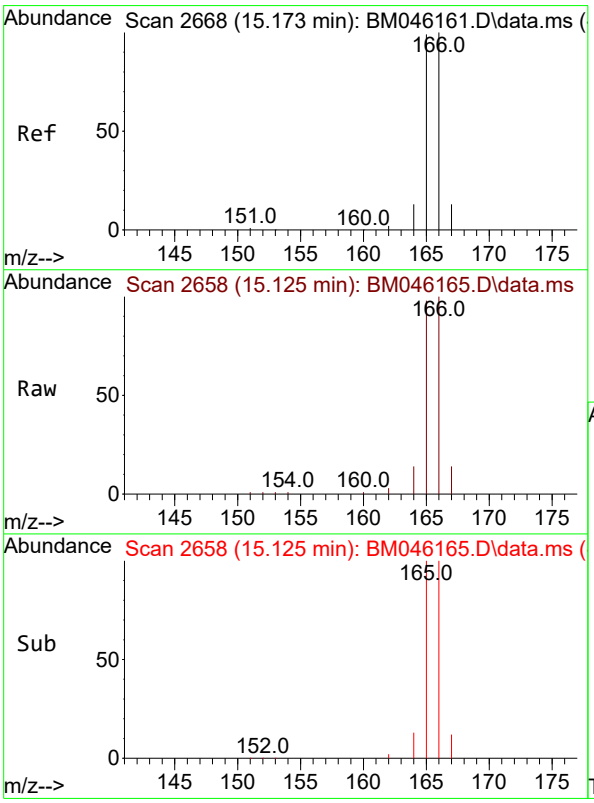
#11
Acenaphthene
Concen: 1.019 ng/ul
RT: 14.131 min Scan# 24
Delta R.T. -0.042 min
Lab File: BM046165.D
Acq: 21 Jun 2024 18:15

Instrument :
BNA_M
ClientSampleId :
A4BQ0

Tgt Ion:153 Resp: 13331

Ion	Ratio	Lower	Upper
153	100		
152	49.7	41.3	61.9
154	87.8	68.2	102.4

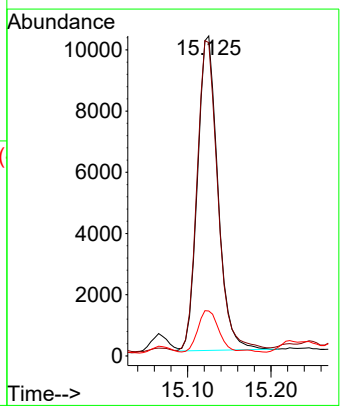


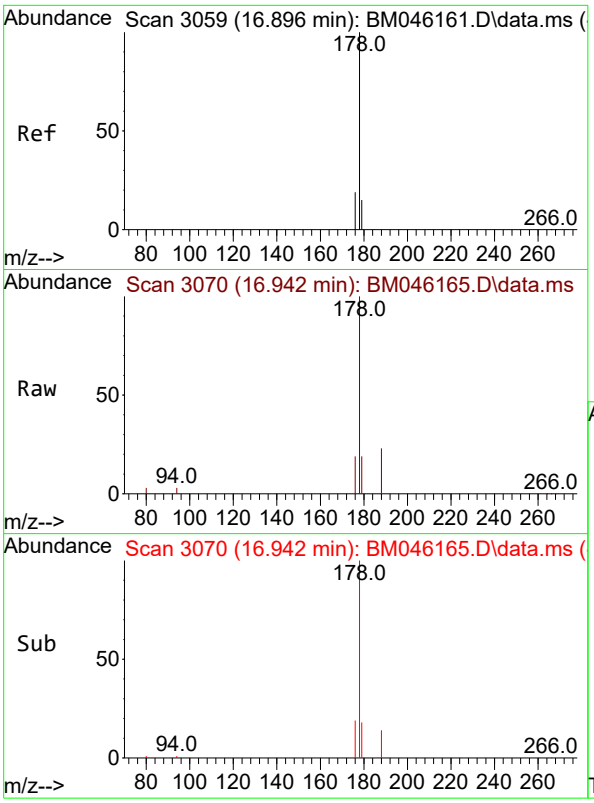


#12
Fluorene
Concen: 1.241 ng/ul
RT: 15.125 min Scan# 2658
Delta R.T. -0.056 min
Lab File: BM046165.D
Acq: 21 Jun 2024 18:15

Tgt Ion:166 Resp: 17420

Ion	Ratio	Lower	Upper
166	100		
165	97.9	80.4	120.6
167	14.0	12.4	18.6



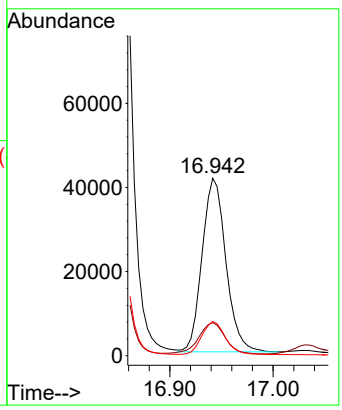


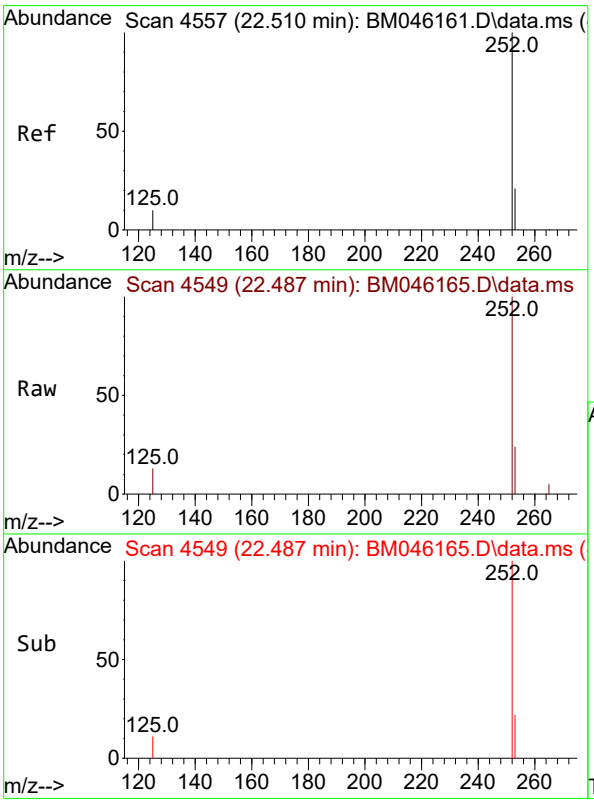
#15
Phenanthrene
Concen: 0.056 ng/ul
RT: 16.942 min Scan# 3
Delta R.T. 0.038 min
Lab File: BM046165.D
Acq: 21 Jun 2024 18:15

Instrument :
BNA_M
ClientSampleId :
A4BQ0

Tgt Ion:178 Resp: 66232

Ion	Ratio	Lower	Upper
178	100		
179	18.6	14.2	21.2
176	19.3	17.1	25.7

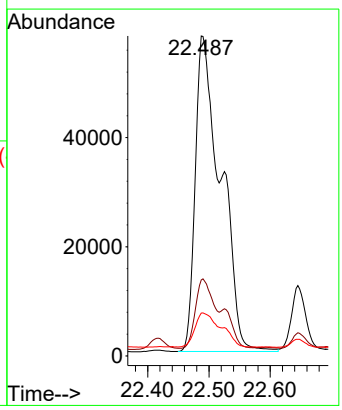


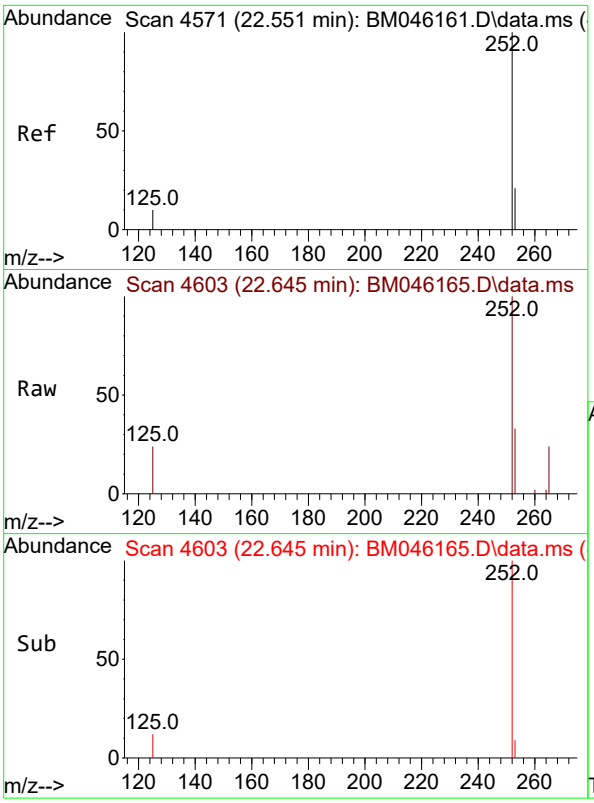


#24
Benzo(b)fluoranthene
Concen: 3.742 ng/ul
RT: 22.487 min Scan# 4549
Delta R.T. -0.032 min
Lab File: BM046165.D
Acq: 21 Jun 2024 18:15

Tgt Ion:252 Resp: 167301

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	65.8
125	13.4	0.0	40.2



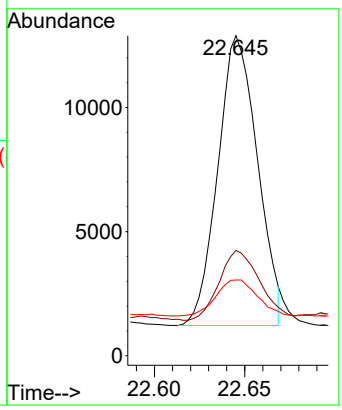


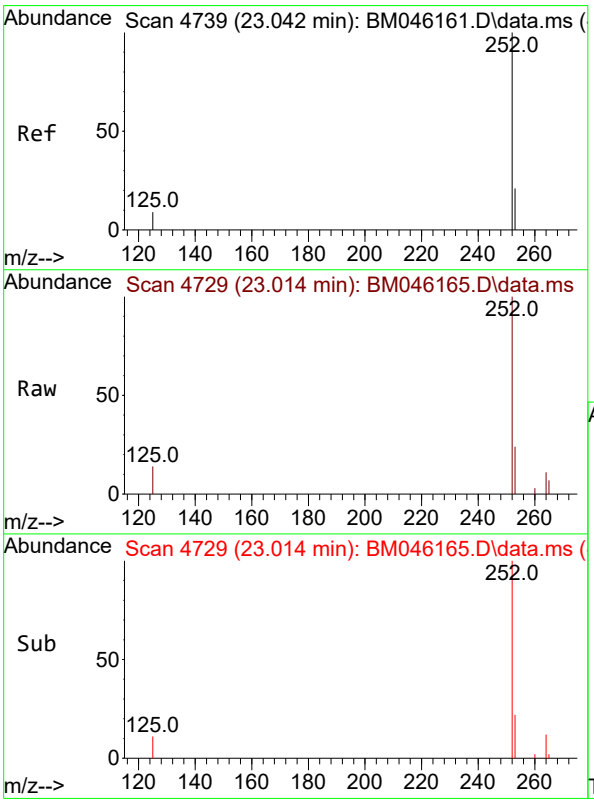
#25
Benzo(k)fluoranthene
Concen: 0.335 ng/ul
RT: 22.645 min Scan# 4
Delta R.T. 0.082 min
Lab File: BM046165.D
Acq: 21 Jun 2024 18:15

Instrument :
BNA_M
ClientSampleId :
A4BQ0

Tgt Ion:252 Resp: 17803

Ion	Ratio	Lower	Upper
252	100		
253	32.9	27.2	40.8
125	23.6	16.6	25.0

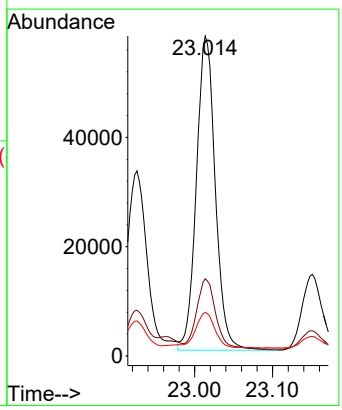


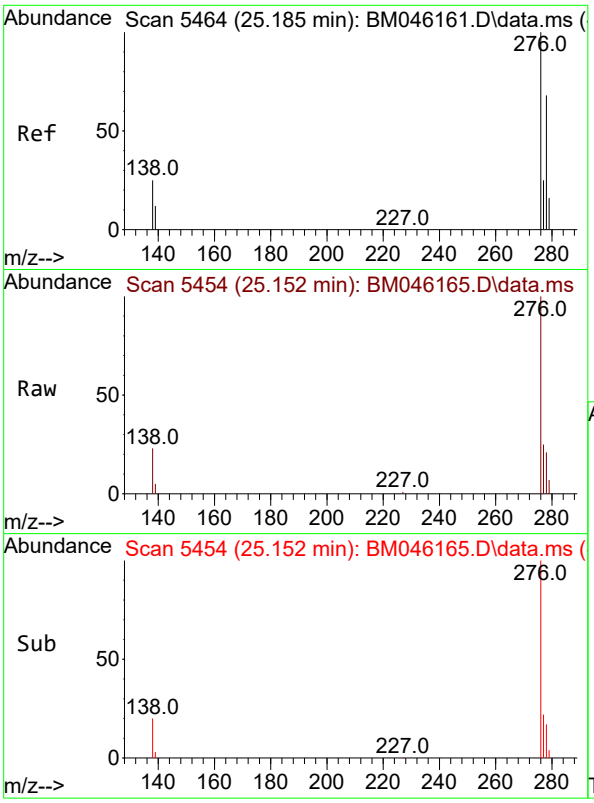


#26
Benzo(a)pyrene
Concen: 2.338 ng/ul
RT: 23.014 min Scan# 4729
Delta R.T. -0.041 min
Lab File: BM046165.D
Acq: 21 Jun 2024 18:15

Tgt Ion:252 Resp: 96856

Ion	Ratio	Lower	Upper
252	100		
253	24.1	32.1	48.1#
125	13.6	21.2	31.8#



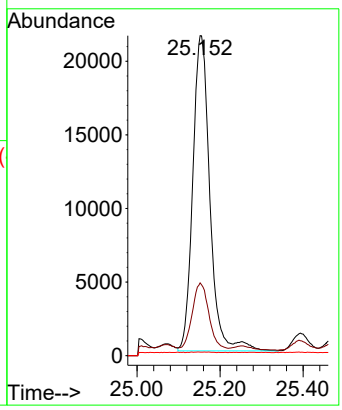


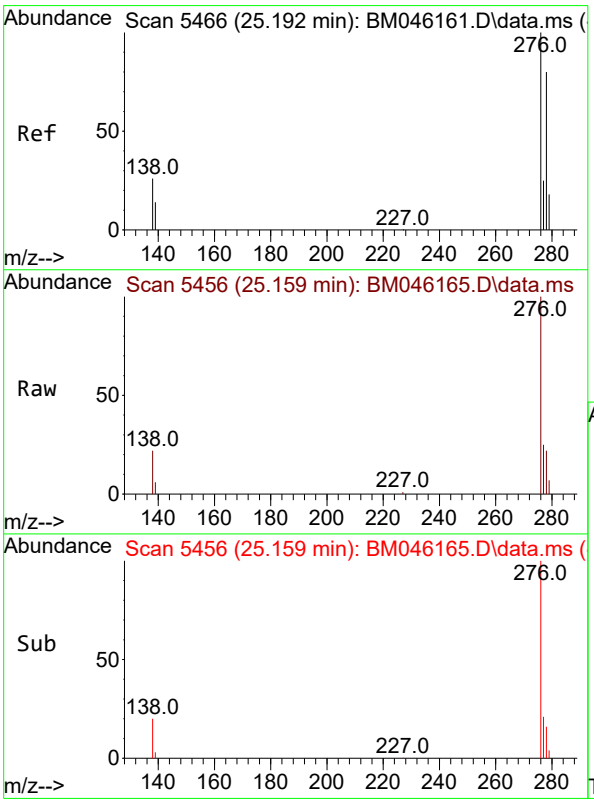
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.903 ng/ul
RT: 25.152 min Scan# 54
Delta R.T. -0.050 min
Lab File: BM046165.D
Acq: 21 Jun 2024 18:15

Instrument :
BNA_M
ClientSampleId :
A4BQ0

Tgt Ion:276 Resp: 61218

Ion	Ratio	Lower	Upper
276	100		
138	20.1	21.0	31.4#
227	0.1	0.0	0.0#

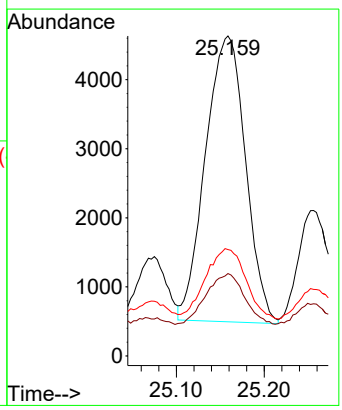


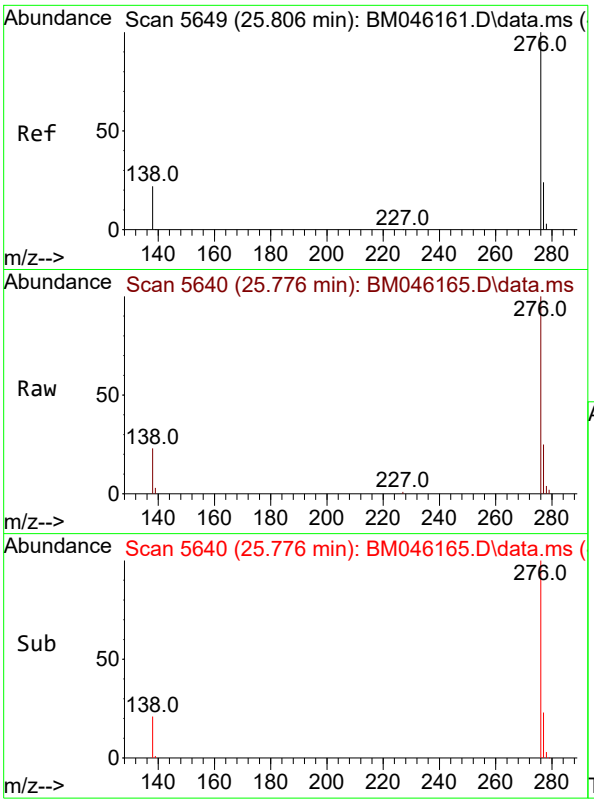


#28
Dibenzo(a,h)anthracene
Concen: 0.259 ng/ul
RT: 25.159 min Scan# 5456
Delta R.T. -0.057 min
Lab File: BM046165.D
Acq: 21 Jun 2024 18:15

Tgt Ion:278 Resp: 13094

Ion	Ratio	Lower	Upper
278	100		
139	25.8	17.6	26.4
279	33.3	26.3	39.5





#29
Benzo(g,h,i)perylene
Concen: 1.006 ng/ul
RT: 25.776 min Scan# 5
Delta R.T. -0.054 min
Lab File: BM046165.D
Acq: 21 Jun 2024 18:15

Instrument :
BNA_M
ClientSampleId :
A4BQ0

Tgt Ion:276 Resp: 58498

Ion	Ratio	Lower	Upper
276	100		
138	23.0	21.7	32.5
277	24.6	20.4	30.6