Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046068.D
Acq On : 19 Jun 2024 02:06
Operator : MA/JU
Sample : P2695-25
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN3

Quant Time: Jun 19 08:25:21 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	7.430	152	3735	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.198	136	10434	0.400	ng/ul	#-0.06
9) Acenaphthene-d10	14.080	164	5576	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.920	188	918947	0.400	ng/ul	# 0.06
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.04
23) Perylene-d12	23.113	264	16593	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	28346	5.532	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.821	152	5766	0.412	ng/ul	-0.04
18) Fluoranthene-d10	18.852	212	13279	0.000	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.012	88	263	0.046	ng/ul#	16
5) Naphthalene	10.248	128	4617	0.159	ng/ul	99
7) 2-Methylnaphthalene	11.892	142	1359	0.083	ng/ul	95
8) 1-Methylnaphthalene	12.112	142	1011	0.056	ng/ul	100
10) Acenaphthylene	13.793	152	7856	0.297	ng/ul	99
11) Acenaphthene	14.140	153	4429	0.232	ng/ul	99
12) Fluorene	15.134	166	5432	0.265	ng/ul	98
24) Benzo(b)fluoranthene	22.496	252	302285	5.057	ng/ul	83
25) Benzo(k)fluoranthene	22.654	252	19357	0.272	ng/ul	98
26) Benzo(a)pyrene	23.022	252	69403	1.253	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.162	276	78173	0.862	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.165	278	25633	0.380	ng/ul	97
29) Benzo(g,h,i)perylene	25.789	276	11409	0.147	ng/ul	91

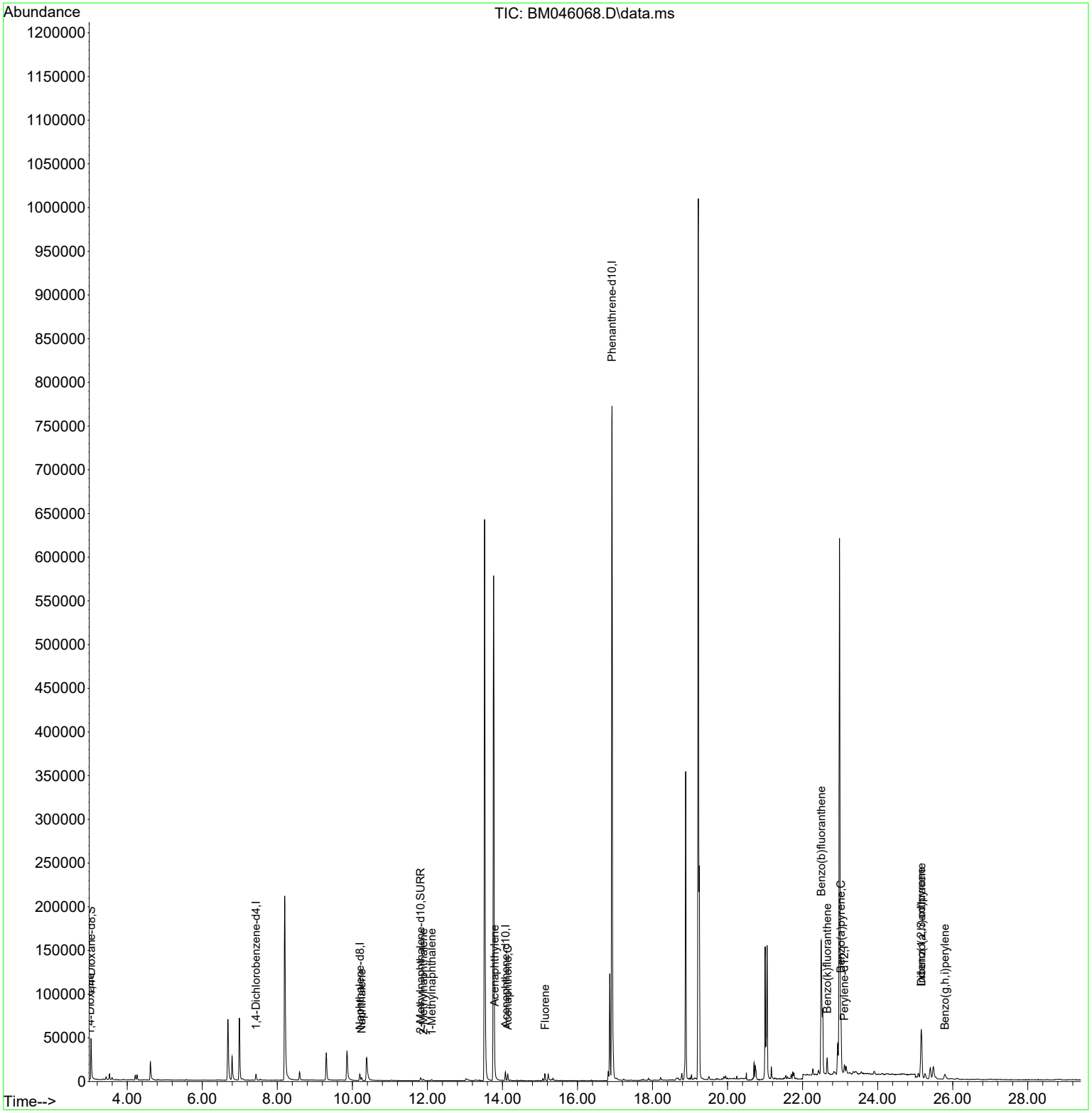
(#) = qualifier out of range (m) = manual integration (+) = signals summed

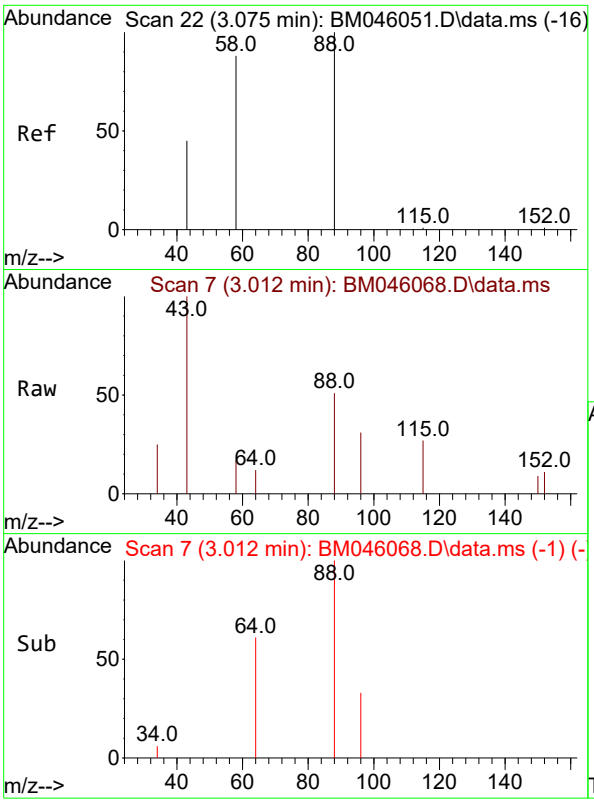
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046068.D
Acq On : 19 Jun 2024 02:06
Operator : MA/JU
Sample : P2695-25
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN3

Quant Time: Jun 19 08:25:21 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



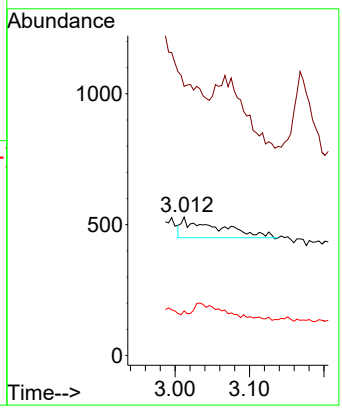


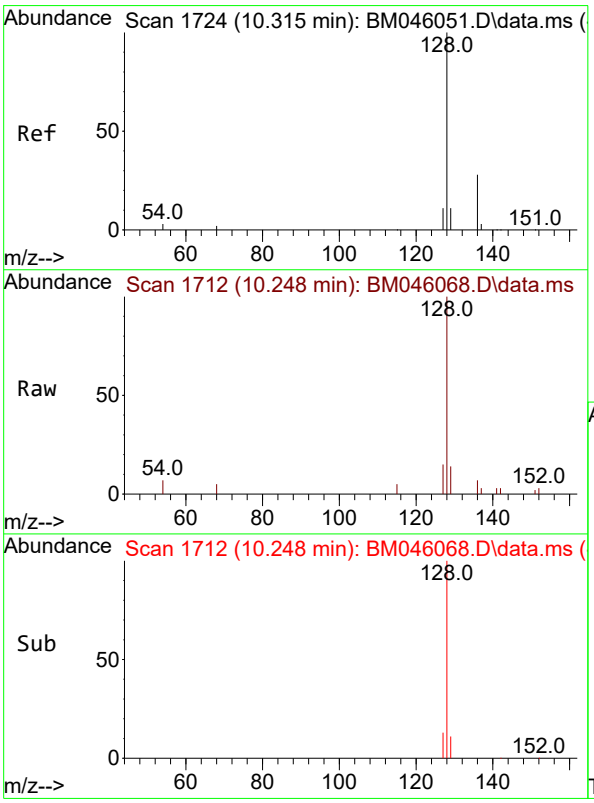
#2
1,4-Dioxane
Concen: 0.046 ng/ul
RT: 3.012 min Scan# 7
Delta R.T. -0.063 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

Instrument :
BNA_M
ClientSampleId :
A4BN3

Tgt Ion: 88 Resp: 263

Ion	Ratio	Lower	Upper
88	100		
43	194.3	69.8	104.8#
58	32.3	53.2	79.8#

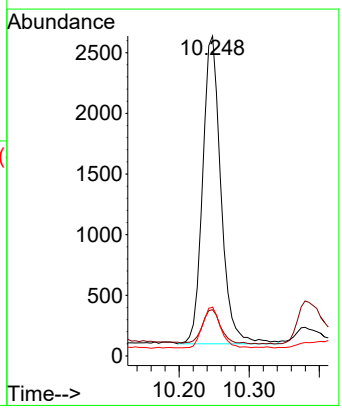


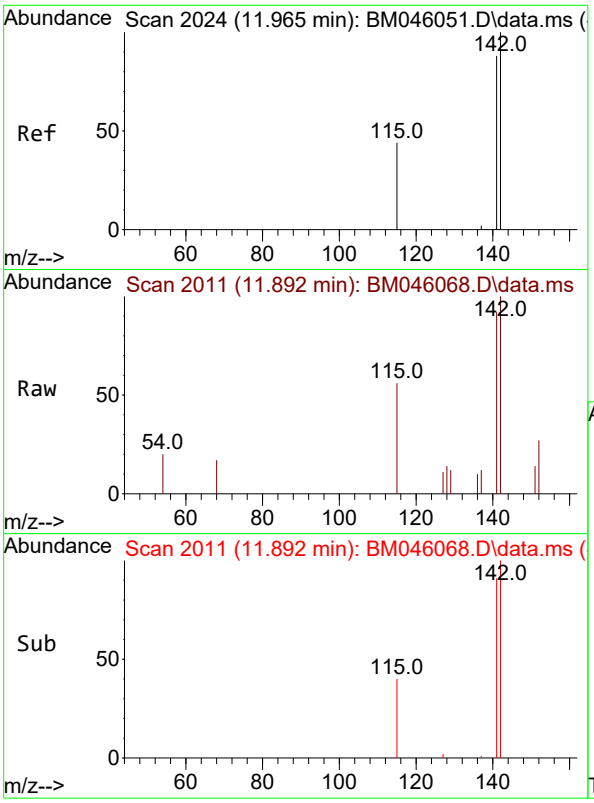


#5
Naphthalene
Concen: 0.159 ng/ul
RT: 10.248 min Scan# 1712
Delta R.T. -0.055 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

Tgt Ion:128 Resp: 4617

Ion	Ratio	Lower	Upper
128	100		
129	14.4	11.8	17.6
127	15.3	12.8	19.2



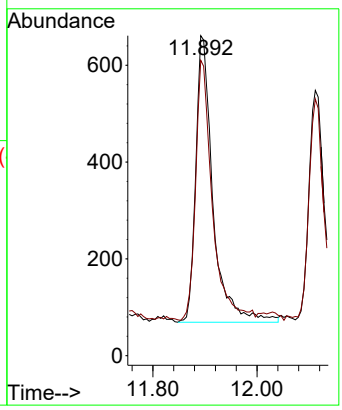


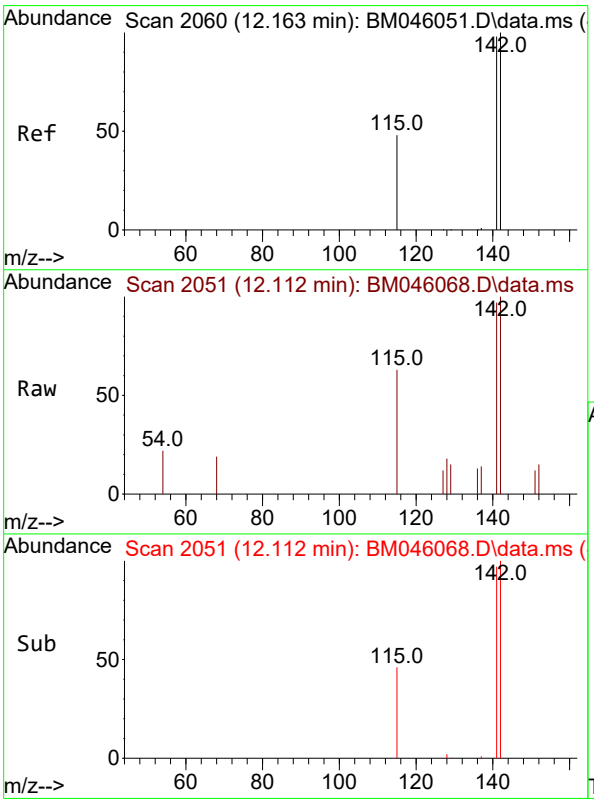
#7
2-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 11.892 min Scan# 2
Delta R.T. -0.055 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

Instrument :
BNA_M
ClientSampleId :
A4BN3

Tgt Ion:142 Resp: 1359

Ion	Ratio	Lower	Upper
142	100		
141	88.4	74.6	111.8

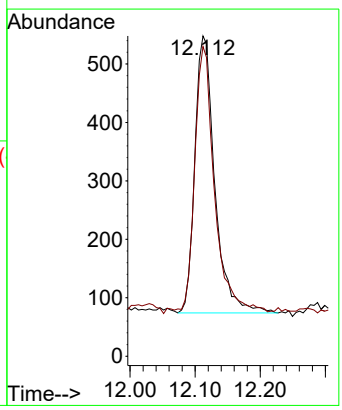


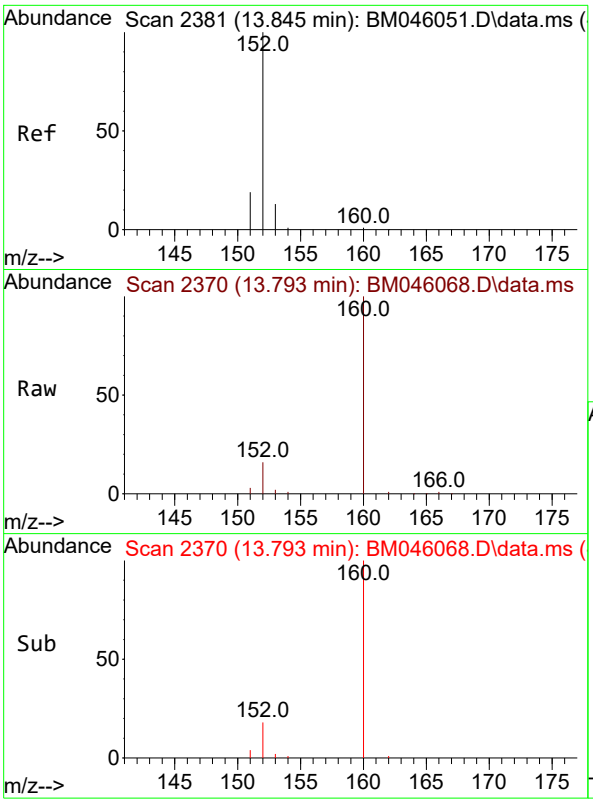


#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.112 min Scan# 2051
Delta R.T. -0.039 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

Tgt Ion:142 Resp: 1011

Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.2	112.8



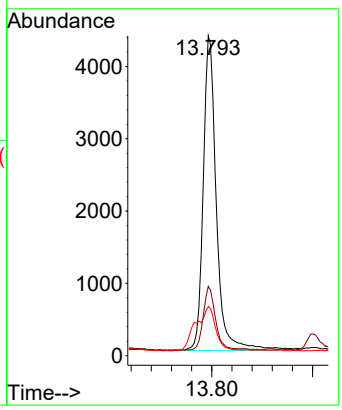


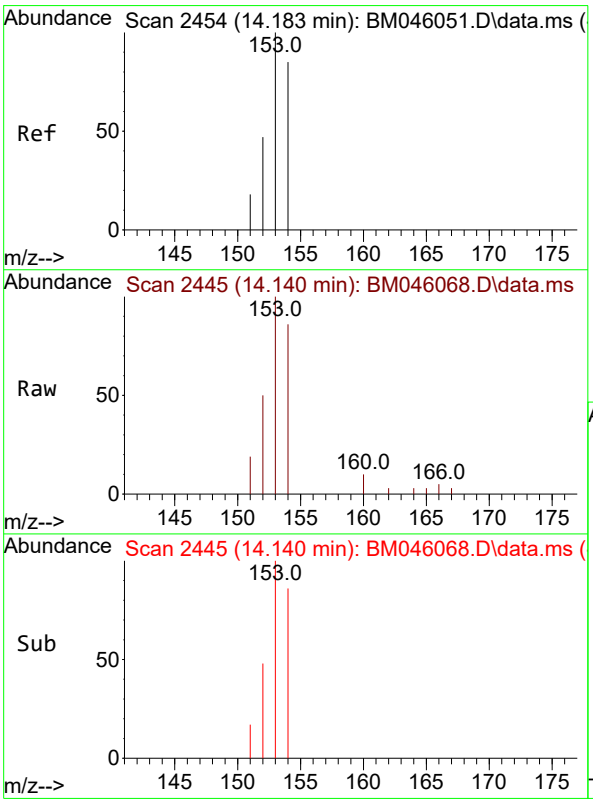
#10
Acenaphthylene
Concen: 0.297 ng/ul
RT: 13.793 min Scan# 2
Delta R.T. -0.042 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

Instrument :
BNA_M
ClientSampleId :
A4BN3

Tgt Ion:152 Resp: 7856

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.4	26.2
153	15.3	11.8	17.8

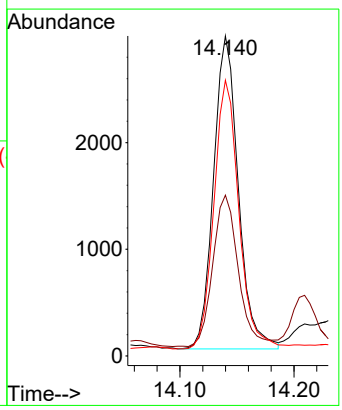


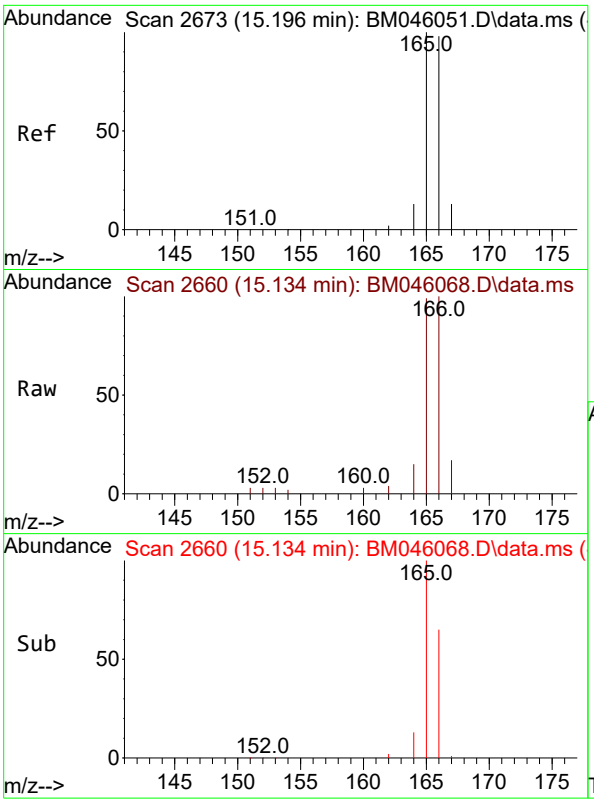


#11
Acenaphthene
Concen: 0.232 ng/ul
RT: 14.140 min Scan# 2445
Delta R.T. -0.032 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

Tgt Ion:153 Resp: 4429

Ion	Ratio	Lower	Upper
153	100		
152	50.3	41.3	61.9
154	86.1	68.2	102.4



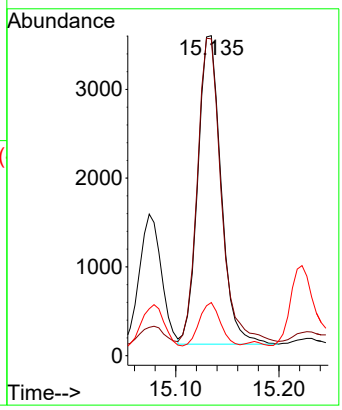


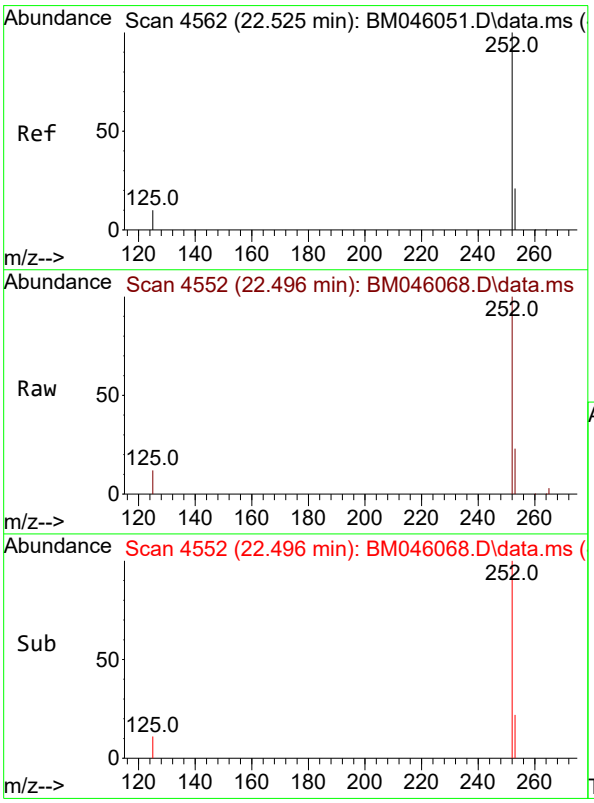
#12
Fluorene
Concen: 0.265 ng/ul
RT: 15.134 min Scan# 2
Delta R.T. -0.046 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

Instrument :
BNA_M
ClientSampleId :
A4BN3

Tgt Ion:166 Resp: 5432

Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.4	120.6
167	16.6	12.4	18.6

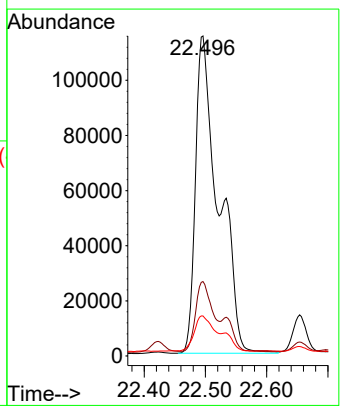


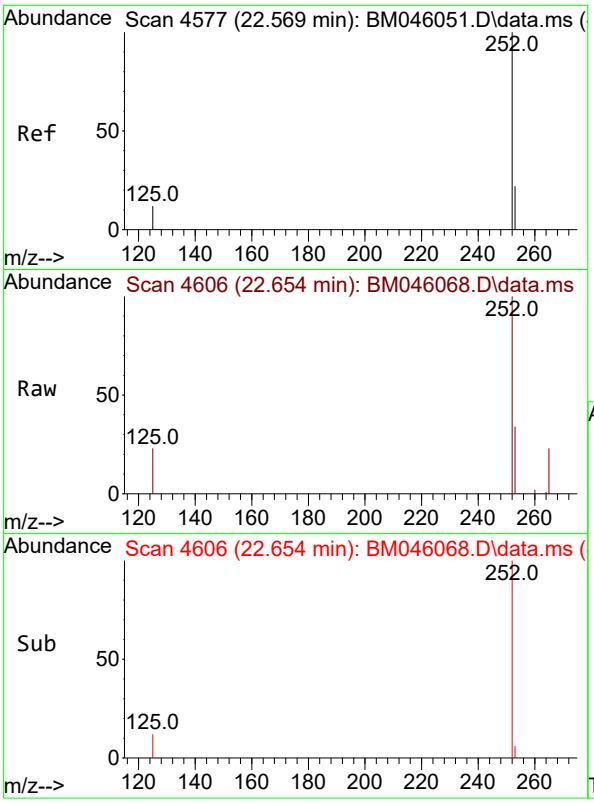


#24
Benzo(b)fluoranthene
Concen: 5.057 ng/ul
RT: 22.496 min Scan# 4552
Delta R.T. -0.023 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

Tgt Ion:252 Resp: 302285

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	65.8
125	12.5	0.0	40.2



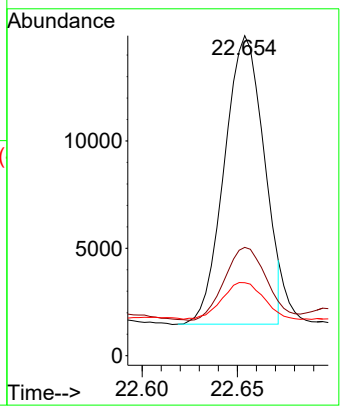


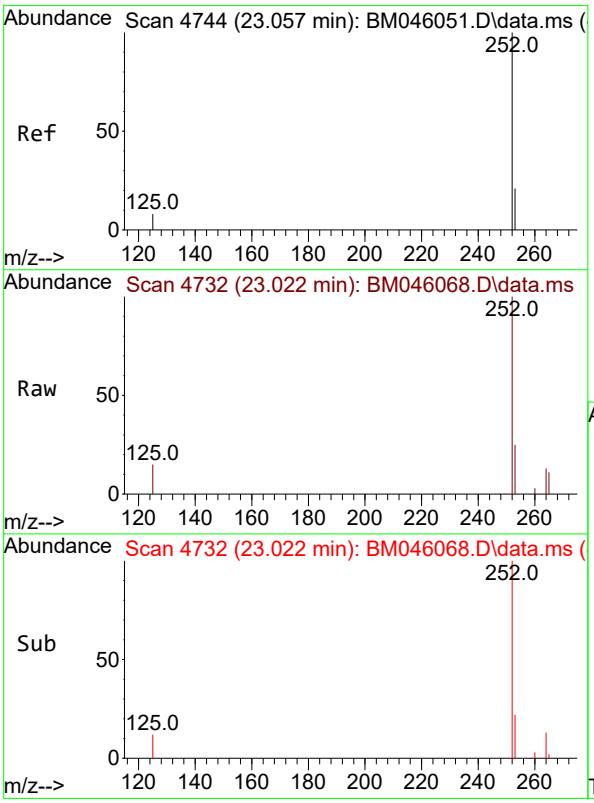
#25
Benzo(k)fluoranthene
Concen: 0.272 ng/ul
RT: 22.654 min Scan# 4
Delta R.T. 0.091 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

Instrument :
BNA_M
ClientSampleId :
A4BN3

Tgt Ion:252 Resp: 19357

Ion	Ratio	Lower	Upper
252	100		
253	33.9	27.2	40.8
125	22.8	16.6	25.0

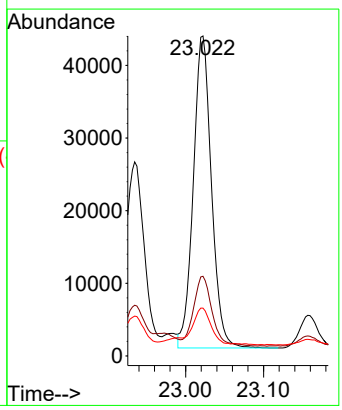


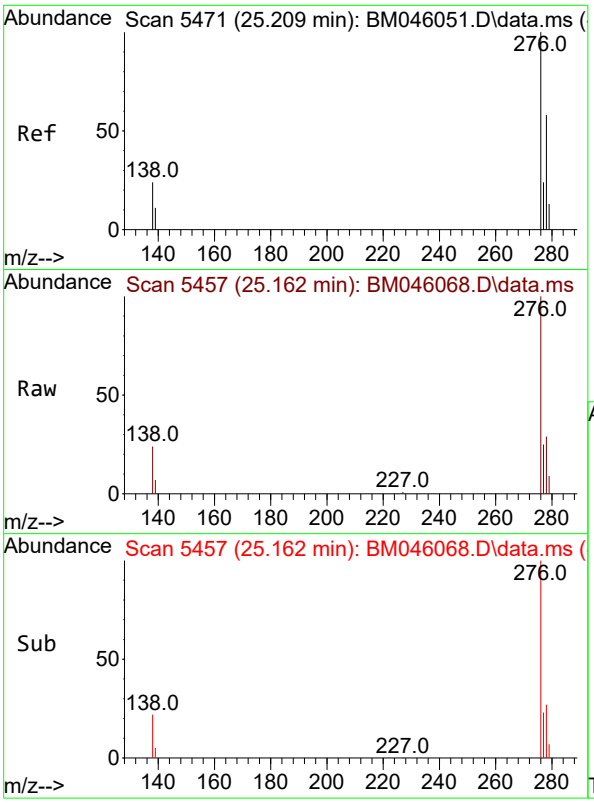


#26
Benzo(a)pyrene
Concen: 1.253 ng/ul
RT: 23.022 min Scan# 4732
Delta R.T. -0.032 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

Tgt Ion:252 Resp: 69403

Ion	Ratio	Lower	Upper
252	100		
253	24.9	32.1	48.1#
125	15.0	21.2	31.8#



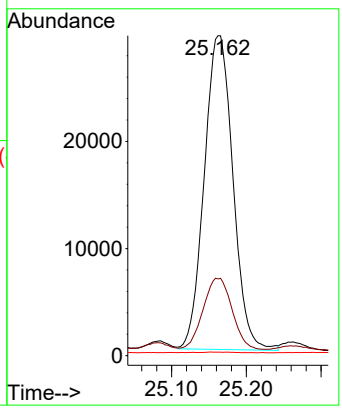


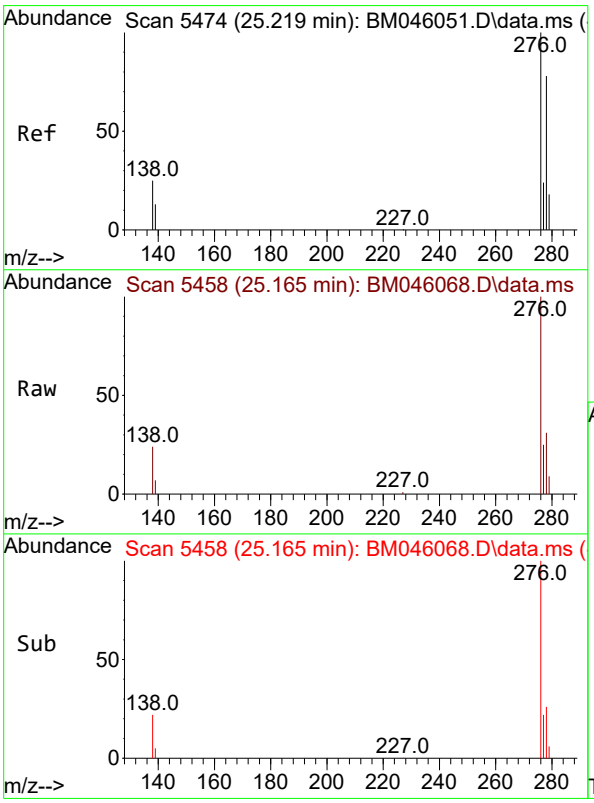
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.862 ng/ul
RT: 25.162 min Scan# 54
Delta R.T. -0.040 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

Instrument :
BNA_M
ClientSampleId :
A4BN3

Tgt Ion:276 Resp: 78173

Ion	Ratio	Lower	Upper
276	100		
138	23.0	21.0	31.4
227	0.1	0.0	0.0#

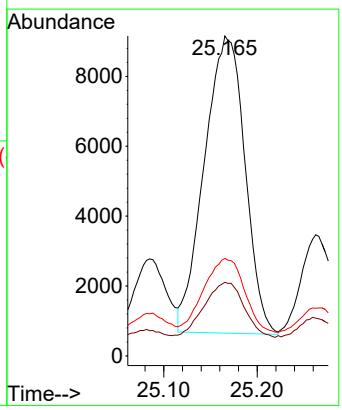


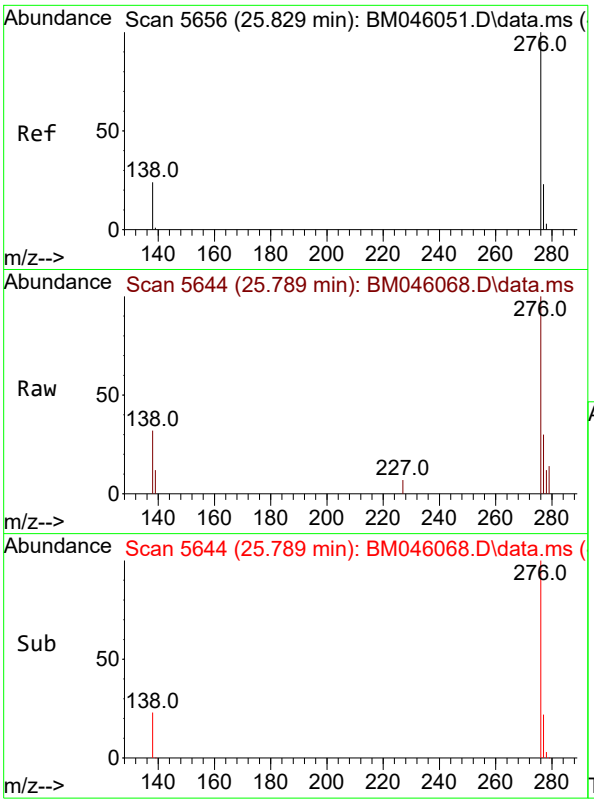


#28
Dibenzo(a,h)anthracene
Concen: 0.380 ng/ul
RT: 25.165 min Scan# 5458
Delta R.T. -0.050 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

Tgt Ion:278 Resp: 25633

Ion	Ratio	Lower	Upper
278	100		
139	23.0	17.6	26.4
279	30.5	26.3	39.5





#29
Benzo(g,h,i)perylene
Concen: 0.147 ng/ul
RT: 25.789 min Scan# 5
Delta R.T. -0.040 min
Lab File: BM046068.D
Acq: 19 Jun 2024 02:06

Instrument :
BNA_M
ClientSampleId :
A4BN3

Tgt Ion:276 Resp: 11409

Ion	Ratio	Lower	Upper
276	100		
138	31.7	21.7	32.5
277	30.0	20.4	30.6