Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046167.D
Acq On : 21 Jun 2024 19:29
Operator : MA/JU
Sample : P2754-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BQ1

Quant Time: Jun 21 22:27:44 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	7.417	152	2271	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.187	136	6787	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.066	164	3721	0.400	ng/ul	#-0.05
13) Phenanthrene-d10	16.908	188	517363	0.400	ng/ul	# 0.05
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.04
23) Perylene-d12	23.104	264	10538	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	14683	4.712	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.810	152	3238	0.355	ng/ul	-0.05
18) Fluoranthene-d10	18.843	212	6816	0.000	ng/ul	-0.04
Target Compounds						Qvalue
5) Naphthalene	10.237	128	2912	0.154	ng/ul#	96
7) 2-Methylnaphthalene	11.881	142	915	0.086	ng/ul	100
8) 1-Methylnaphthalene	12.101	142	620	0.053	ng/ul	98
10) Acenaphthylene	13.784	152	5072	0.287	ng/ul	99
11) Acenaphthene	14.126	153	1264	0.099	ng/ul	96
12) Fluorene	15.121	166	1749	0.128	ng/ul#	98
24) Benzo(b)fluoranthene	22.487	252	157130	4.139	ng/ul	85
25) Benzo(k)fluoranthene	22.487	252	157130	3.481	ng/ul#	83
26) Benzo(a)pyrene	23.014	252	35219	1.001	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.152	276	41918	0.728	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.156	278	13289	0.310	ng/ul#	81
29) Benzo(g,h,i)perylene	25.773	276	6406	0.130	ng/ul#	84

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

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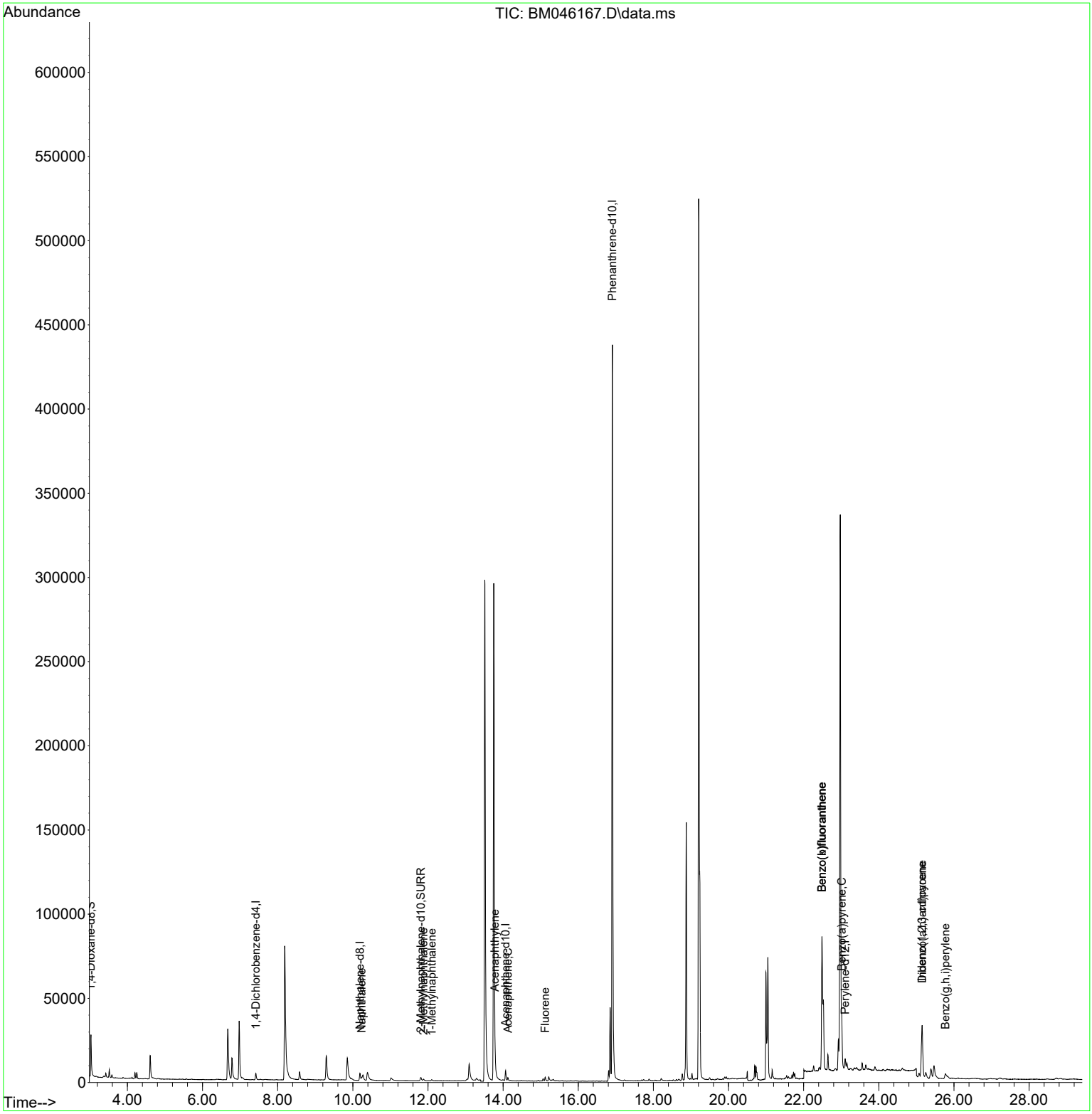
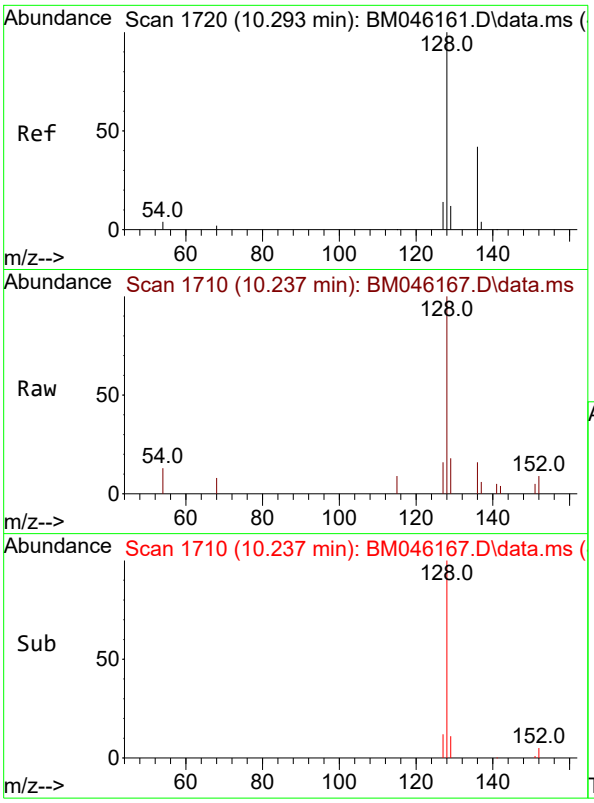
Instrument :
BNA_M
ClientSampleId :
A4BQ1

Quant Time: Jun 21 22:27:44 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



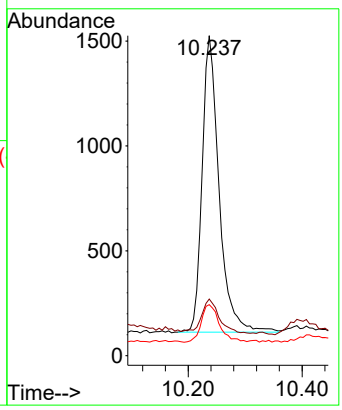


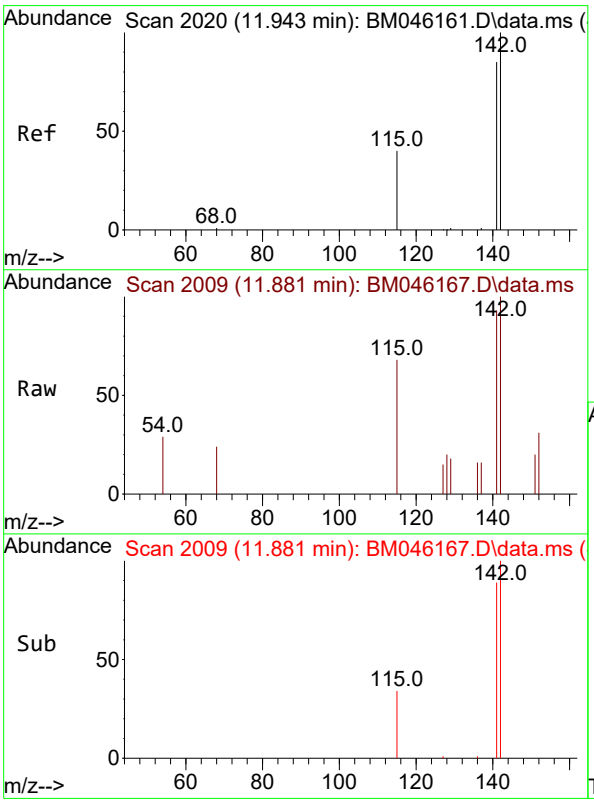
#5
Naphthalene
Concen: 0.154 ng/ul
RT: 10.237 min Scan# 1
Delta R.T. -0.066 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

Instrument :
BNA_M
ClientSampleId :
A4BQ1

Tgt Ion:128 Resp: 2912

Ion	Ratio	Lower	Upper
128	100		
129	17.7	11.8	17.6#
127	15.9	12.8	19.2

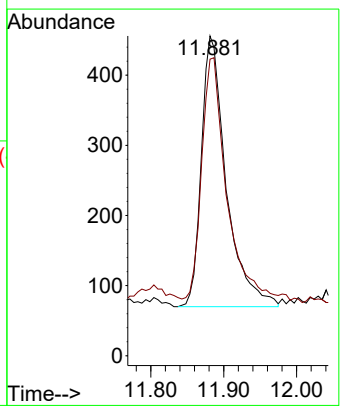


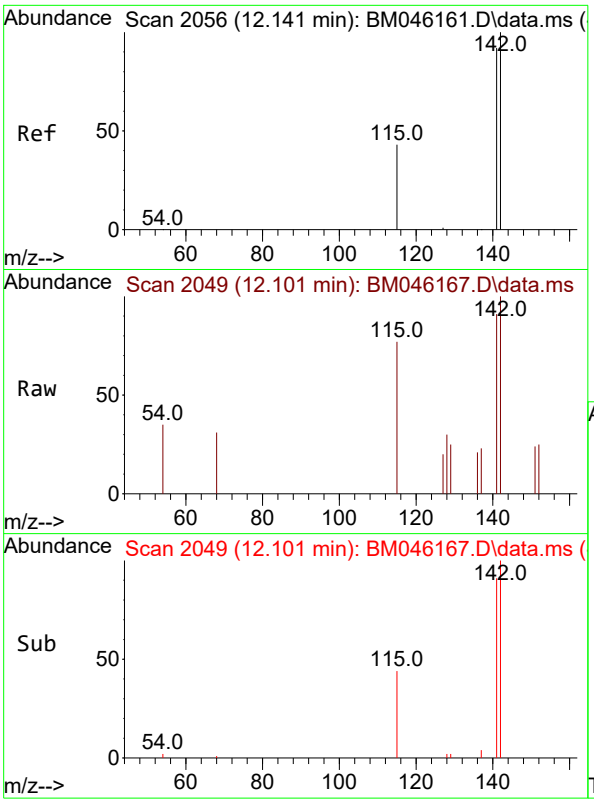


#7
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 11.881 min Scan# 2009
Delta R.T. -0.066 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

Tgt Ion:142 Resp: 915

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.6	111.8



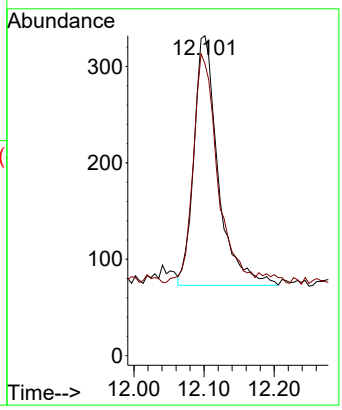


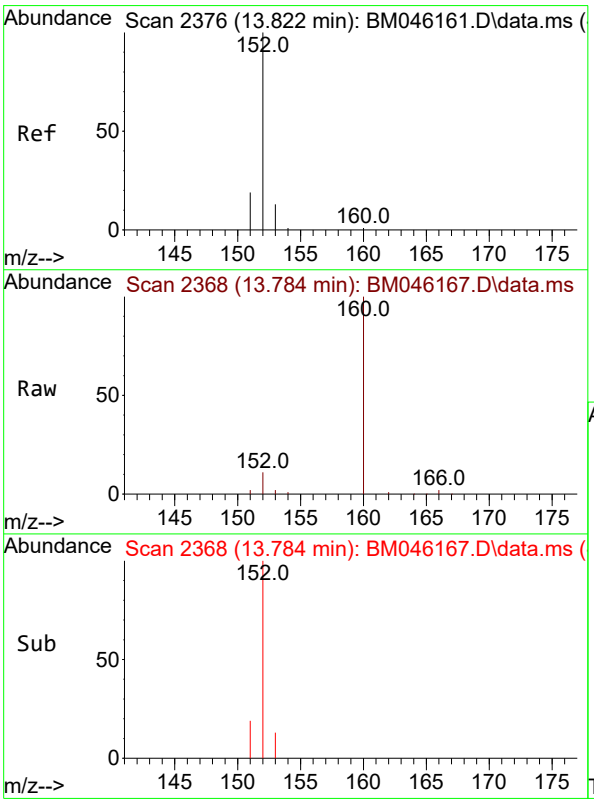
#8
1-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.101 min Scan# 2
Delta R.T. -0.049 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

Instrument :
BNA_M
ClientSampleId :
A4BQ1

Tgt Ion:142 Resp: 620

Ion	Ratio	Lower	Upper
142	100		
141	95.8	75.2	112.8

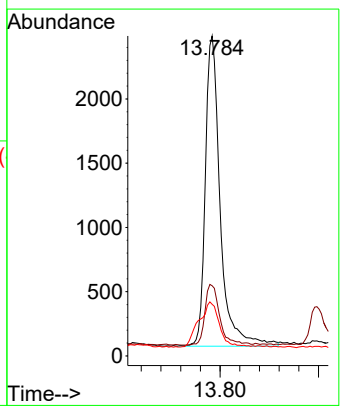


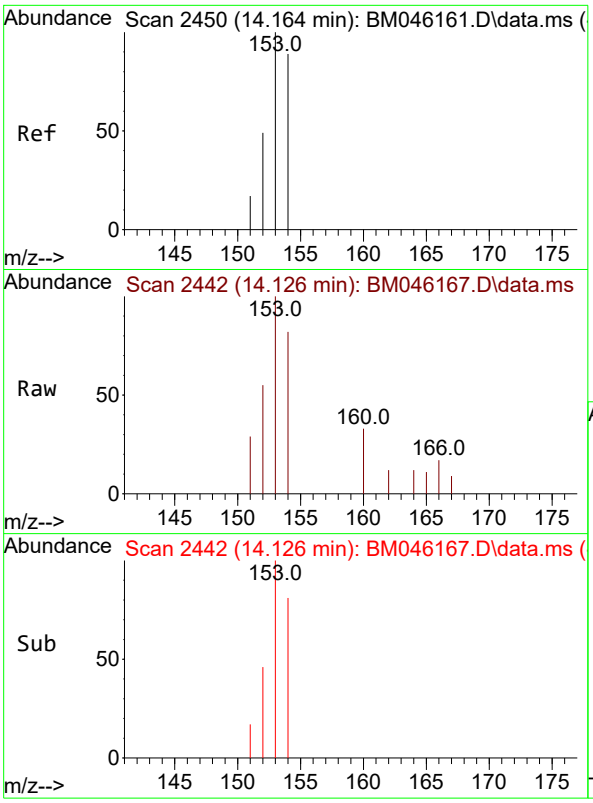


#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 13.784 min Scan# 2368
Delta R.T. -0.051 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

Tgt Ion:152 Resp: 5072

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.4	26.2
153	16.1	11.8	17.8



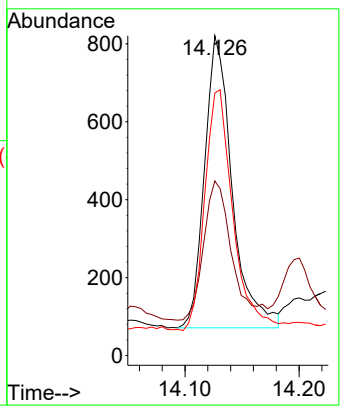


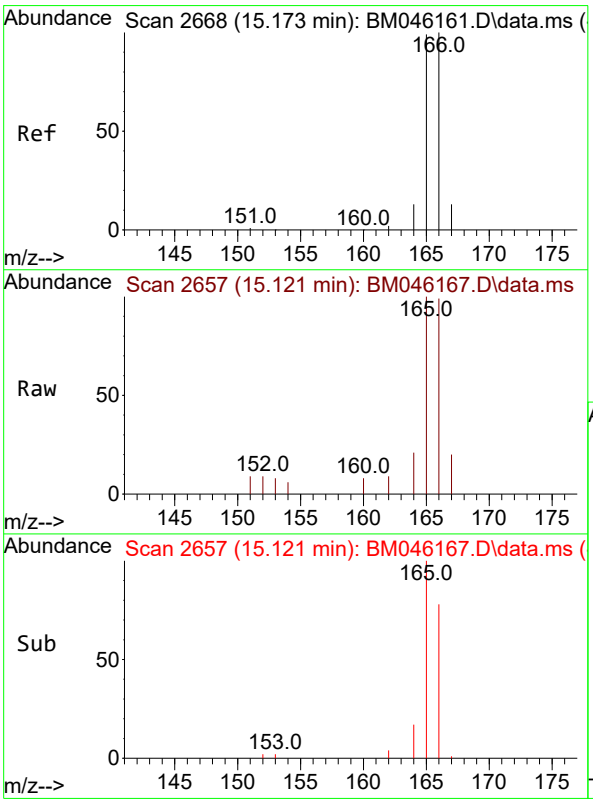
#11
Acenaphthene
Concen: 0.099 ng/ul
RT: 14.126 min Scan# 24
Delta R.T. -0.046 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

Instrument :
BNA_M
ClientSampleId :
A4BQ1

Tgt Ion:153 Resp: 1264

Ion	Ratio	Lower	Upper
153	100		
152	54.6	41.3	61.9
154	82.1	68.2	102.4

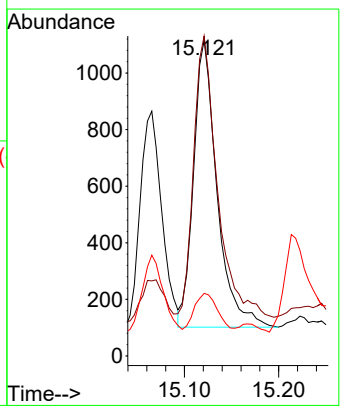


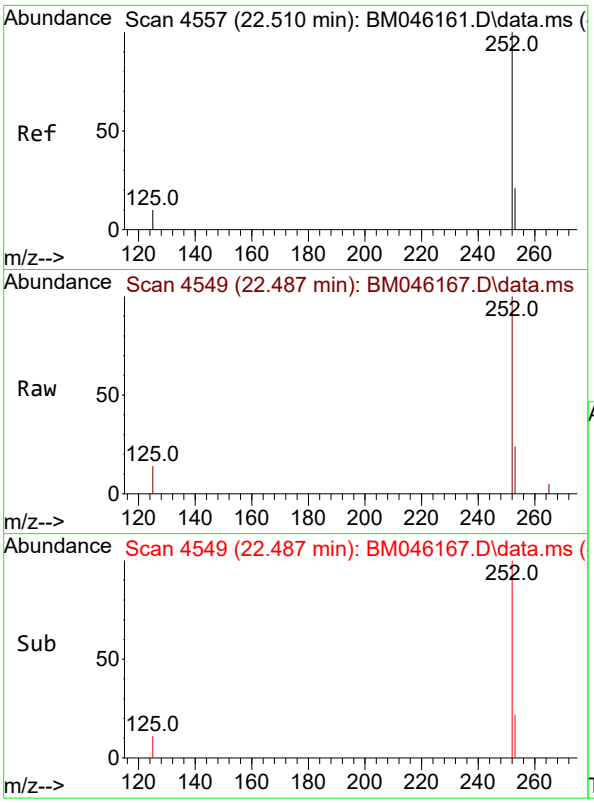


#12
Fluorene
Concen: 0.128 ng/ul
RT: 15.121 min Scan# 2657
Delta R.T. -0.060 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

Tgt Ion:166 Resp: 1749

Ion	Ratio	Lower	Upper
166	100		
165	101.3	80.4	120.6
167	19.8	12.4	18.6#



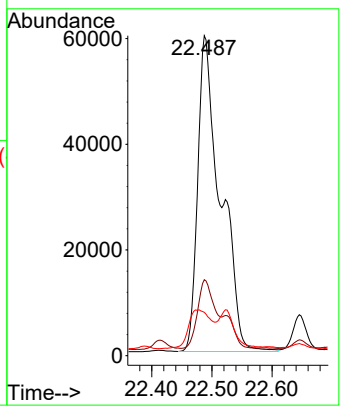


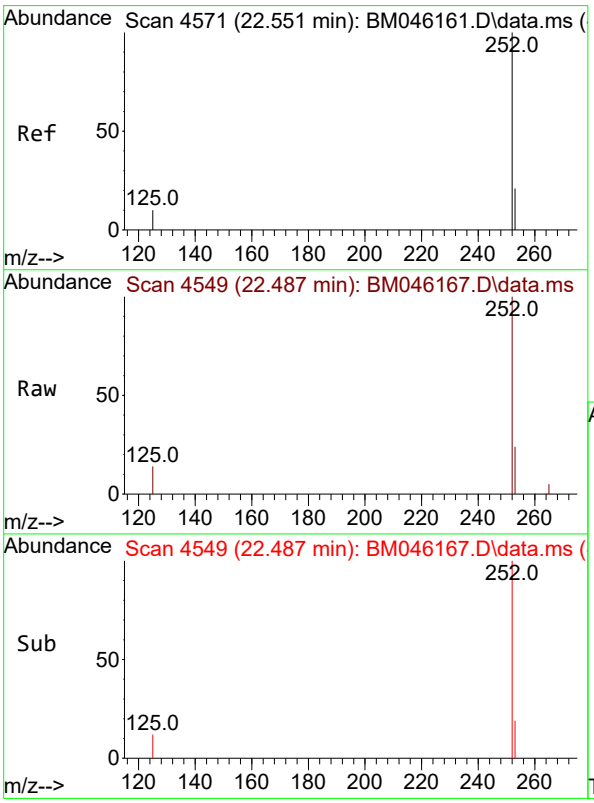
#24
Benzo(b)fluoranthene
Concen: 4.139 ng/ul
RT: 22.487 min Scan# 4
Delta R.T. -0.032 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

Instrument :
BNA_M
ClientSampleId :
A4BQ1

Tgt Ion:252 Resp: 157130

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	65.8
125	13.5	0.0	40.2

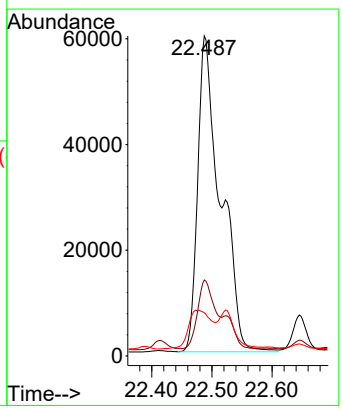


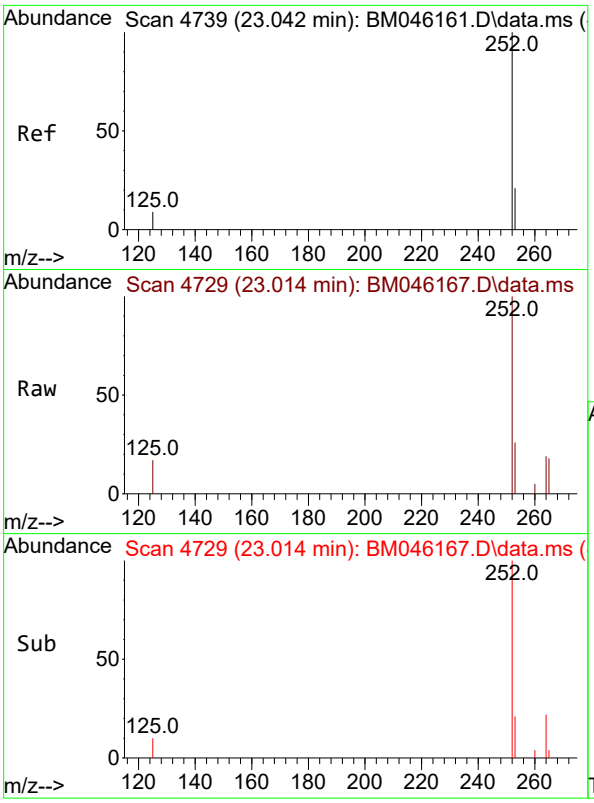


#25
Benzo(k)fluoranthene
Concen: 3.481 ng/ul
RT: 22.487 min Scan# 4549
Delta R.T. -0.076 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

Tgt Ion:252 Resp: 157130

Ion	Ratio	Lower	Upper
252	100		
253	23.8	27.2	40.8#
125	13.5	16.6	25.0#



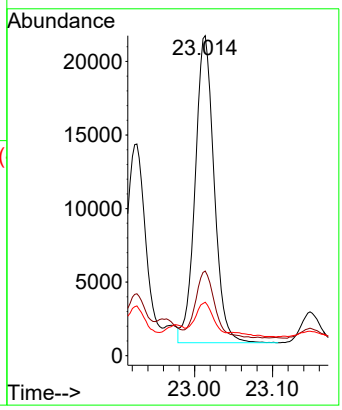


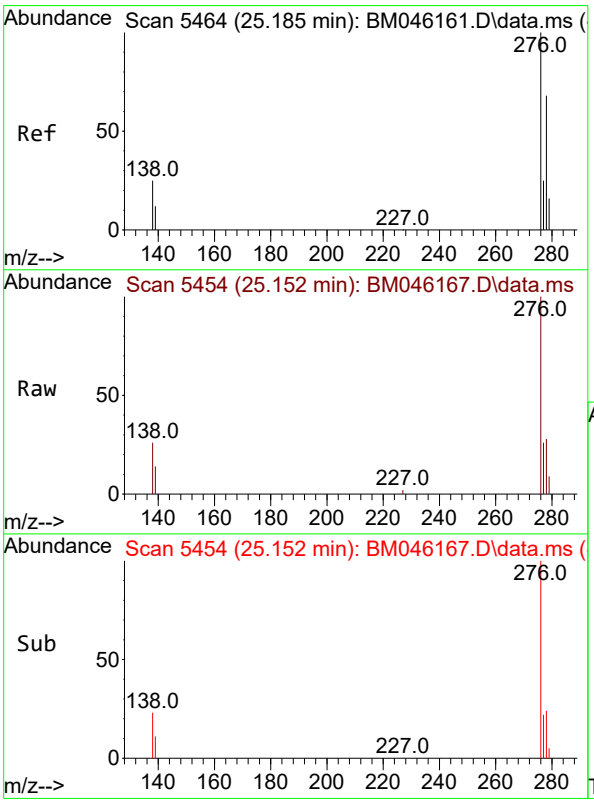
#26
Benzo(a)pyrene
Concen: 1.001 ng/ul
RT: 23.014 min Scan# 4
Delta R.T. -0.041 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

Instrument :
BNA_M
ClientSampleId :
A4BQ1

Tgt Ion:252 Resp: 35219

Ion	Ratio	Lower	Upper
252	100		
253	26.5	32.1	48.1#
125	16.7	21.2	31.8#

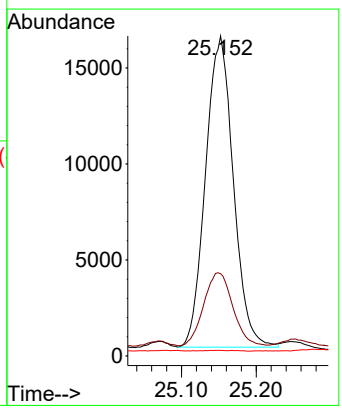


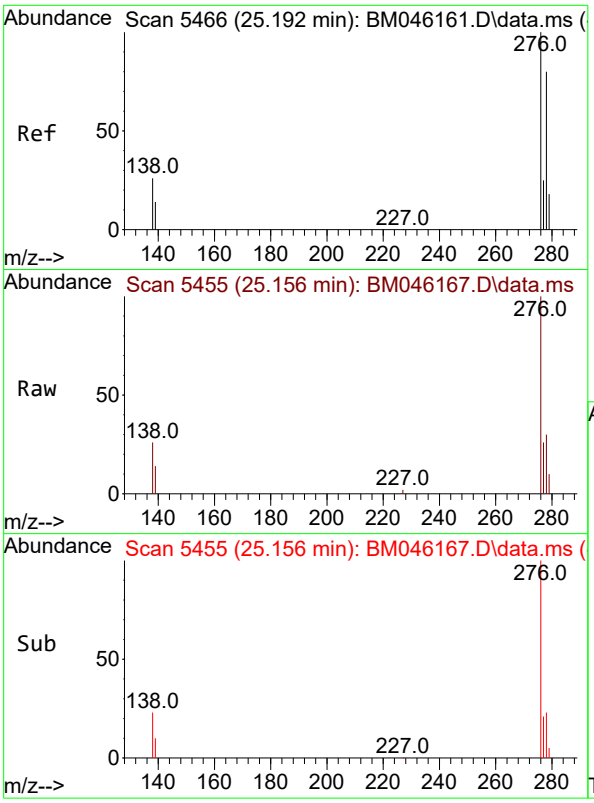


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.728 ng/ul
RT: 25.152 min Scan# 5454
Delta R.T. -0.050 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

Tgt Ion:276 Resp: 41918

Ion	Ratio	Lower	Upper
276	100		
138	25.3	21.0	31.4
227	0.2	0.0	0.0#



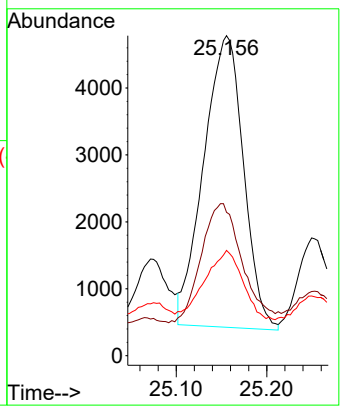


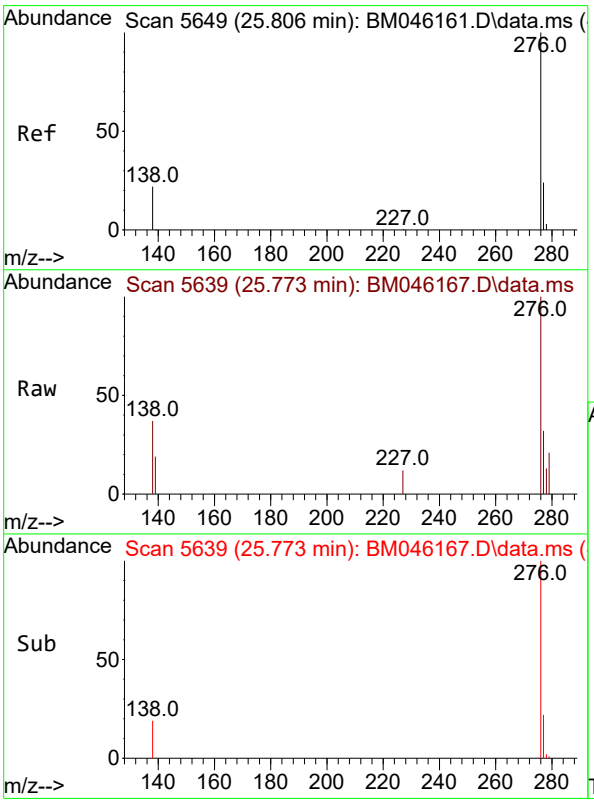
#28
Dibenzo(a,h)anthracene
Concen: 0.310 ng/ul
RT: 25.156 min Scan# 54
Delta R.T. -0.060 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

Instrument :
BNA_M
ClientSampleId :
A4BQ1

Tgt Ion:278 Resp: 13289

Ion	Ratio	Lower	Upper
278	100		
139	44.8	17.6	26.4#
279	32.9	26.3	39.5





#29
Benzo(g,h,i)perylene
Concen: 0.130 ng/ul
RT: 25.773 min Scan# 5639
Delta R.T. -0.057 min
Lab File: BM046167.D
Acq: 21 Jun 2024 19:29

Tgt Ion:276 Resp: 6406

Ion	Ratio	Lower	Upper
276	100		
138	36.6	21.7	32.5#
277	32.3	20.4	30.6#