Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046639.D
Acq On : 16 Jul 2024 18:50
Operator : MA/JU
Sample : P3177-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BS5

Quant Time: Jul 17 00:39:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.501	152	2296	0.400	ng/ul		0.00
4) Naphthalene-d8	10.260	136	6379	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.146	164	4289	0.400	ng/ul		0.00
13) Phenanthrene-d10	16.900	188	9634	0.400	ng/ul		0.00
17) Chrysene-d12	21.108	240	8487	0.400	ng/ul	#	0.00
23) Perylene-d12	23.247	264	9100	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.113	96	4170	2.210	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.860	152	1783	0.173	ng/ul		0.00
18) Fluoranthene-d10	18.937	212	4732	0.183	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.309	128	1658	0.102	ng/ul	#	92
7) 2-Methylnaphthalene	11.937	142	604	0.053	ng/ul		94
8) 1-Methylnaphthalene	12.163	142	521	0.045	ng/ul		97
10) Acenaphthylene	13.864	152	2547	0.130	ng/ul		92
11) Acenaphthene	14.210	153	3124	0.239	ng/ul		95
12) Fluorene	15.205	166	3967	0.245	ng/ul		97
15) Phenanthrene	16.943	178	64106	2.332	ng/ul		98
16) Anthracene	17.031	178	13264	0.494	ng/ul		100
19) Fluoranthene	18.969	202	143741	4.123	ng/ul		99
20) Pyrene	19.332	202	82635	2.189	ng/ul		99
21) Benzo(a)anthracene	21.090	228	66530	1.772	ng/ul		99
22) Chrysene	21.143	228	70024	1.928	ng/ul		98
24) Benzo(b)fluoranthene	22.615	252	130328	3.586	ng/ul		93
25) Benzo(k)fluoranthene	22.615	252	130328	3.652	ng/ul		93
26) Benzo(a)pyrene	23.156	252	26401	0.883	ng/ul		96
27) Indeno(1,2,3-cd)pyrene	25.366	276	29332	0.644	ng/ul	#	100
28) Dibenzo(a,h)anthracene	25.380	278	11847	0.329	ng/ul	#	83
29) Benzo(g,h,i)perylene	26.013	276	4103	0.113	ng/ul	#	67

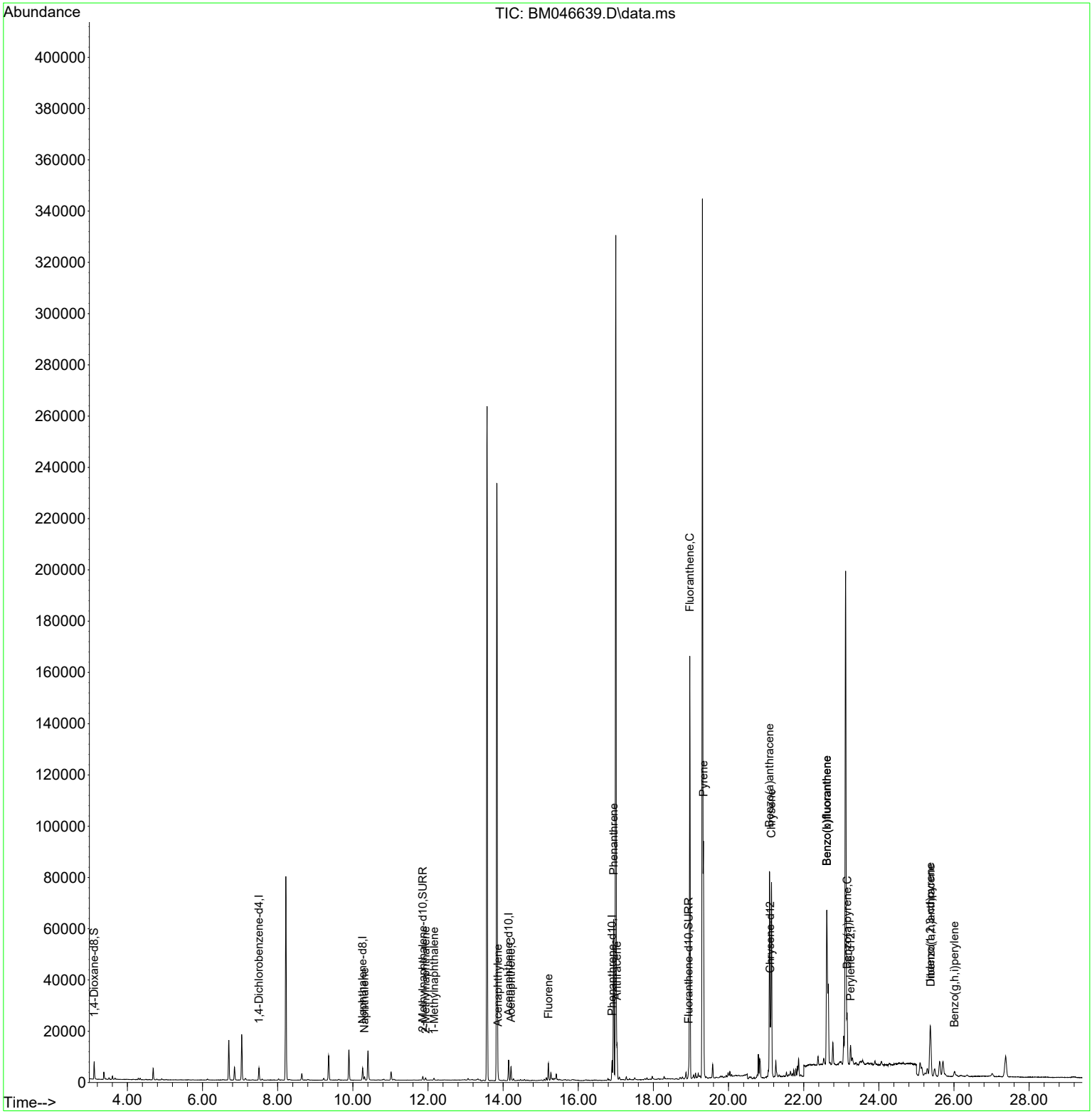
(#) = qualifier out of range (m) = manual integration (+) = signals summed

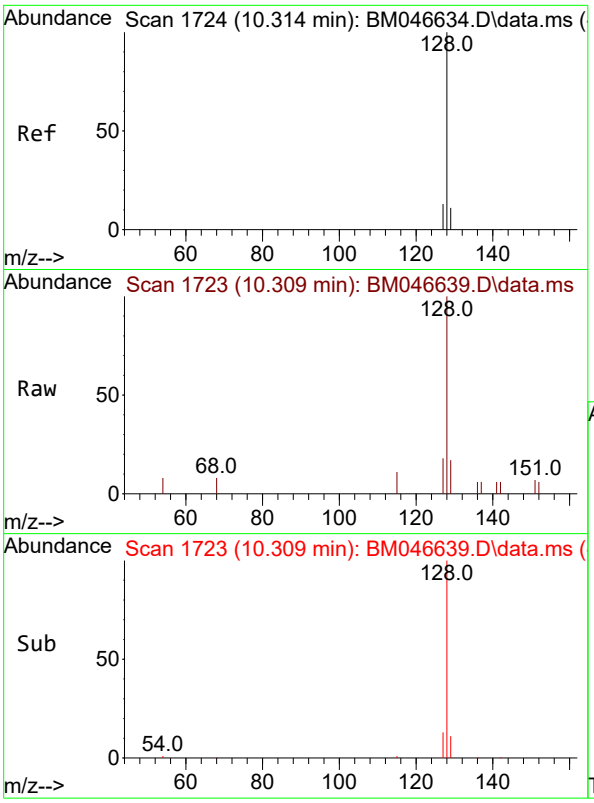
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046639.D
Acq On : 16 Jul 2024 18:50
Operator : MA/JU
Sample : P3177-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BS5

Quant Time: Jul 17 00:39:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration



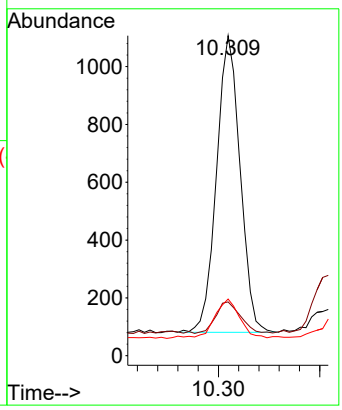


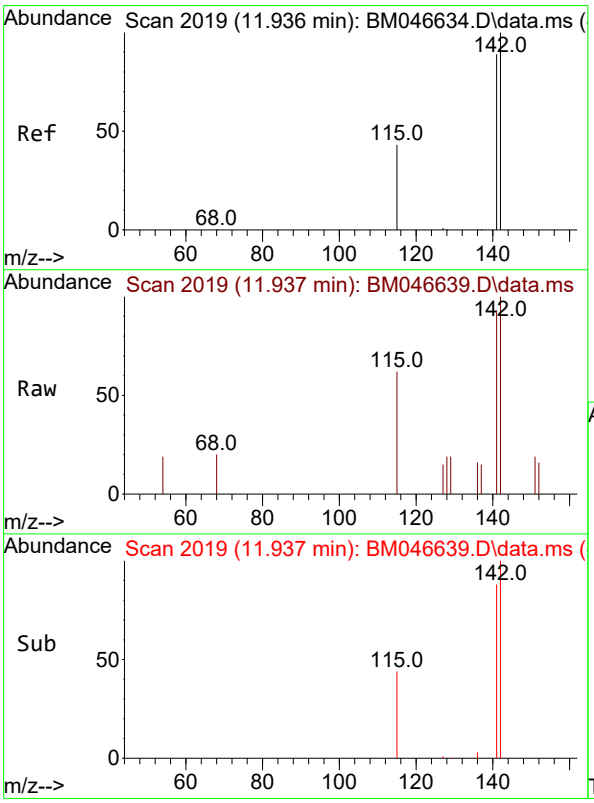
#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.309 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Instrument :
BNA_M
ClientSampleId :
A4BS5

Tgt Ion:128 Resp: 1658

Ion	Ratio	Lower	Upper
128	100		
129	16.8	10.3	15.5#
127	17.7	12.2	18.4

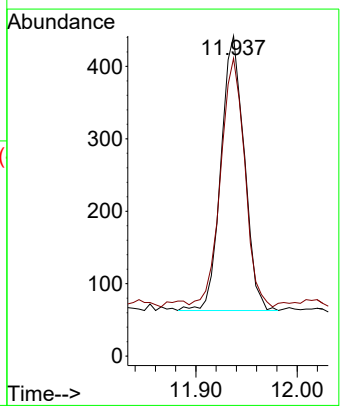


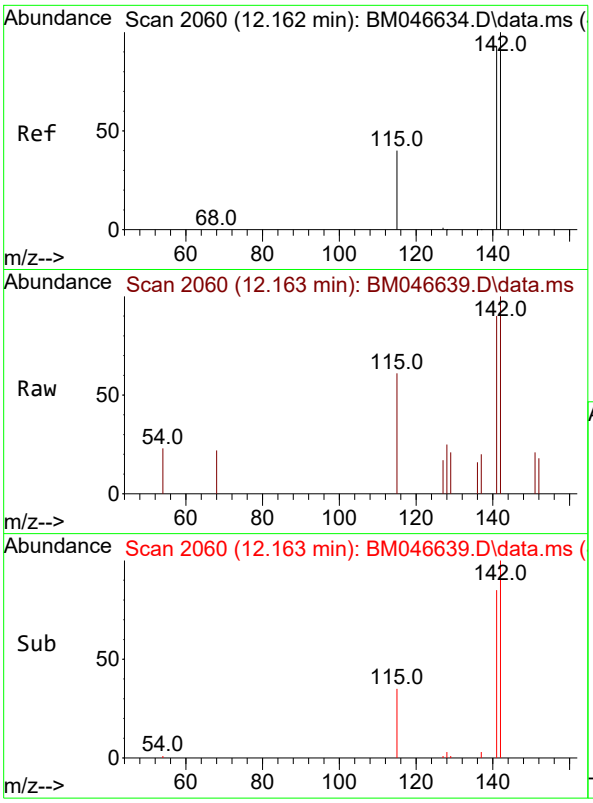


#7
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 11.937 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Tgt Ion:142 Resp: 604

Ion	Ratio	Lower	Upper
142	100		
141	93.9	70.3	105.5



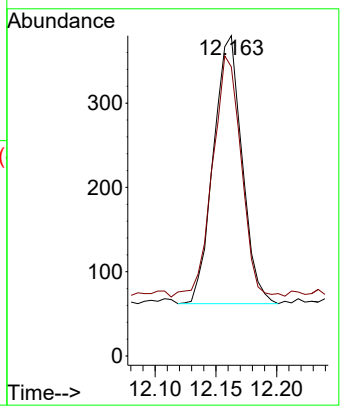


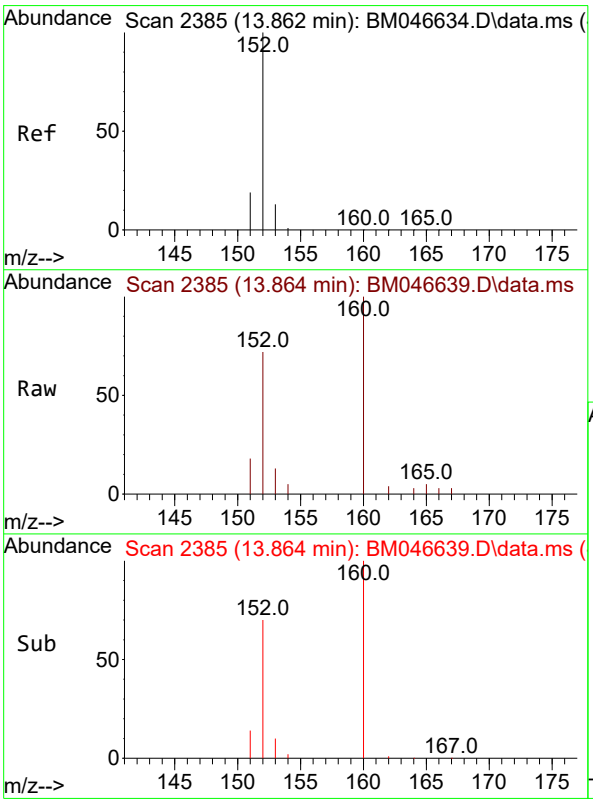
#8
1-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.163 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Instrument :
BNA_M
ClientSampleId :
A4BS5

Tgt Ion:142 Resp: 521

Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.9	110.9

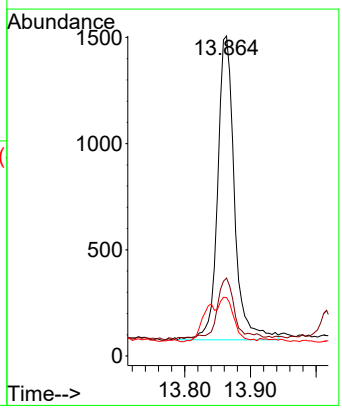


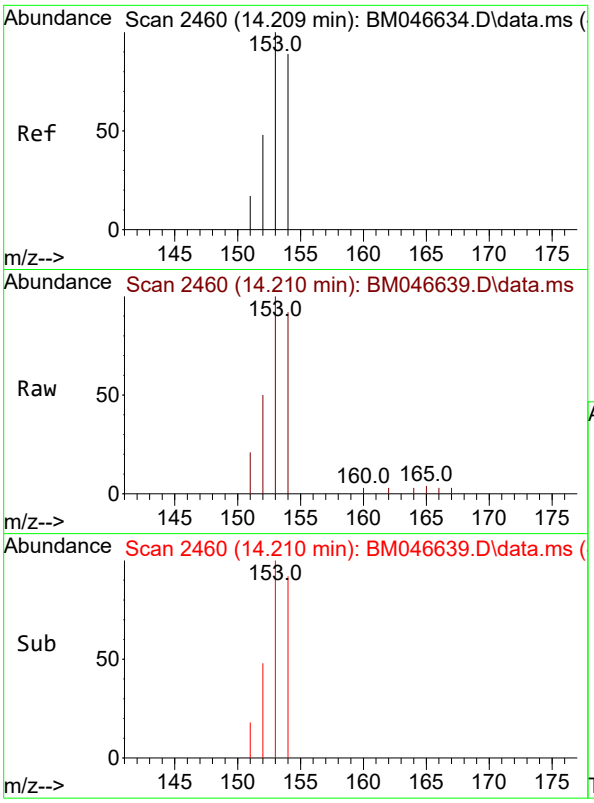


#10
Acenaphthylene
Concen: 0.130 ng/ul
RT: 13.864 min Scan# 2385
Delta R.T. -0.001 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Tgt Ion:152 Resp: 2547

Ion	Ratio	Lower	Upper
152	100		
151	24.4	16.4	24.6
153	18.2	12.4	18.6



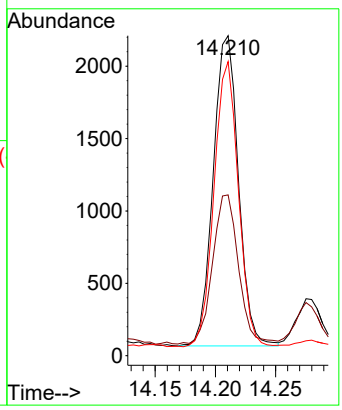


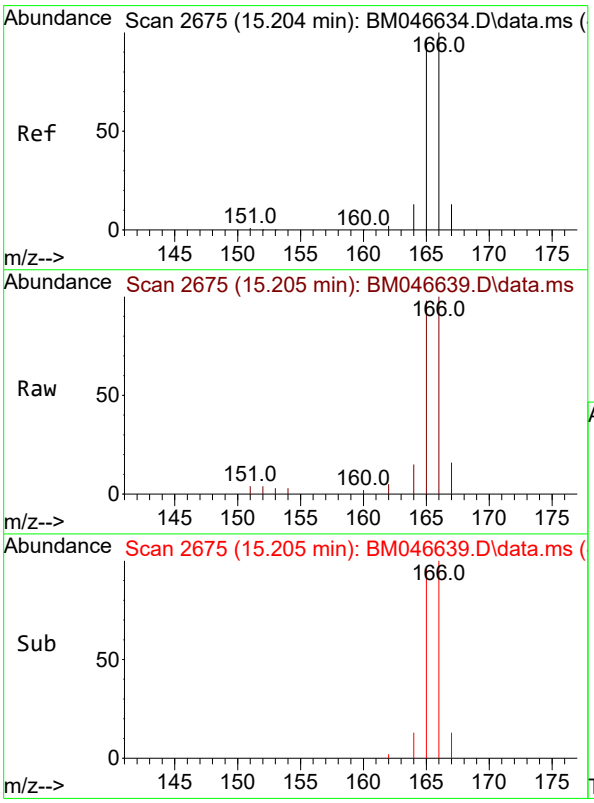
#11
Acenaphthene
Concen: 0.239 ng/ul
RT: 14.210 min Scan# 24
Delta R.T. -0.001 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Instrument :
BNA_M
ClientSampleId :
A4BS5

Tgt Ion:153 Resp: 3124

Ion	Ratio	Lower	Upper
153	100		
152	50.2	43.0	64.6
154	91.9	69.9	104.9

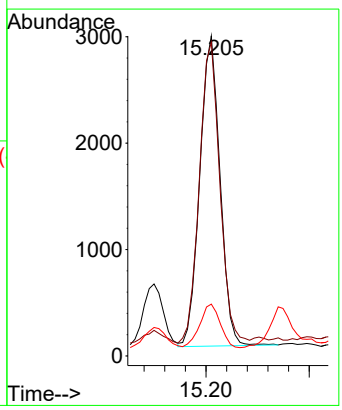


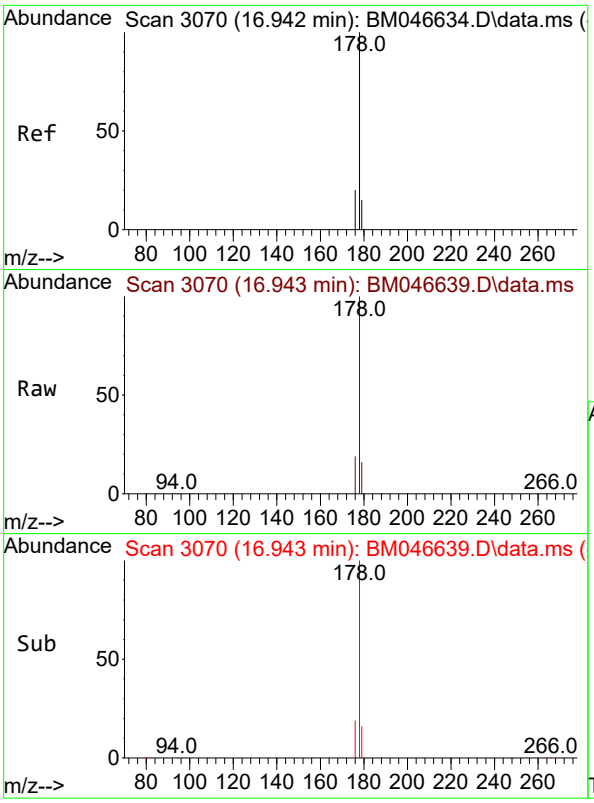


#12
Fluorene
Concen: 0.245 ng/ul
RT: 15.205 min Scan# 2675
Delta R.T. -0.001 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Tgt Ion:166 Resp: 3967

Ion	Ratio	Lower	Upper
166	100		
165	98.0	76.1	114.1
167	16.2	12.5	18.7



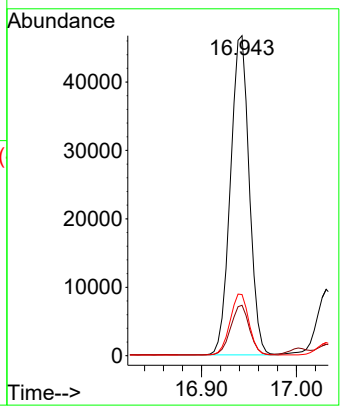


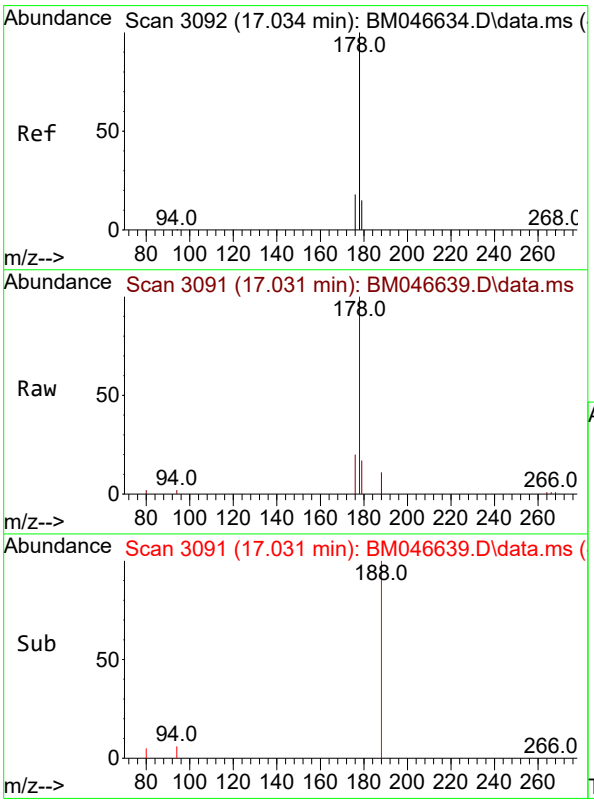
#15
Phenanthrene
Concen: 2.332 ng/ul
RT: 16.943 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Instrument :
BNA_M
ClientSampleId :
A4BS5

Tgt Ion:178 Resp: 64106

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.1	19.7
176	19.1	16.0	24.0

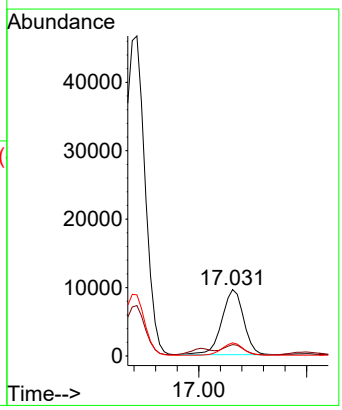


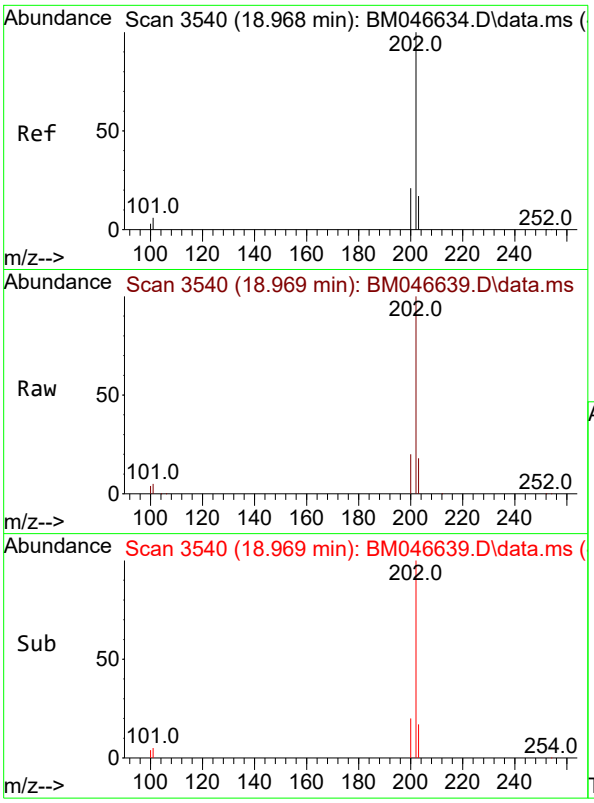


#16
Anthracene
Concen: 0.494 ng/ul
RT: 17.031 min Scan# 3091
Delta R.T. -0.001 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Tgt Ion:178 Resp: 13264

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.5	20.3
176	19.7	15.7	23.5



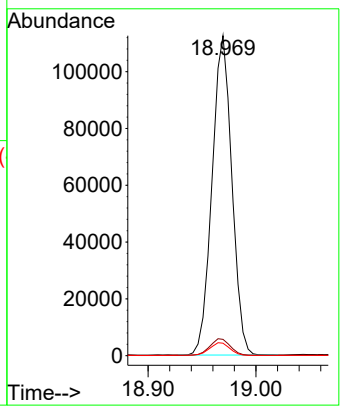


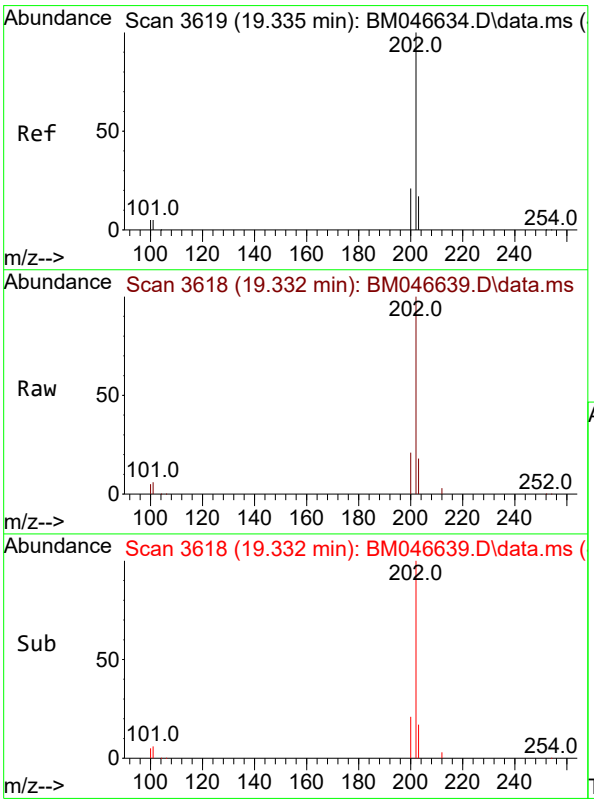
#19
Fluoranthene
Concen: 4.123 ng/ul
RT: 18.969 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Instrument :
BNA_M
ClientSampleId :
A4BS5

Tgt Ion:202 Resp: 143741

Ion	Ratio	Lower	Upper
202	100		
101	5.1	4.6	6.8
100	3.9	3.0	4.6

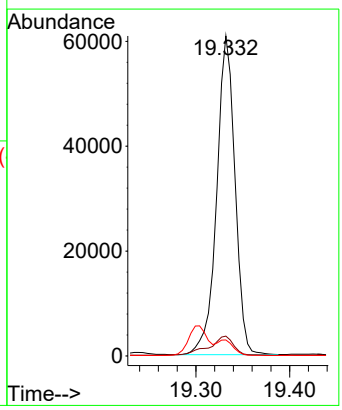


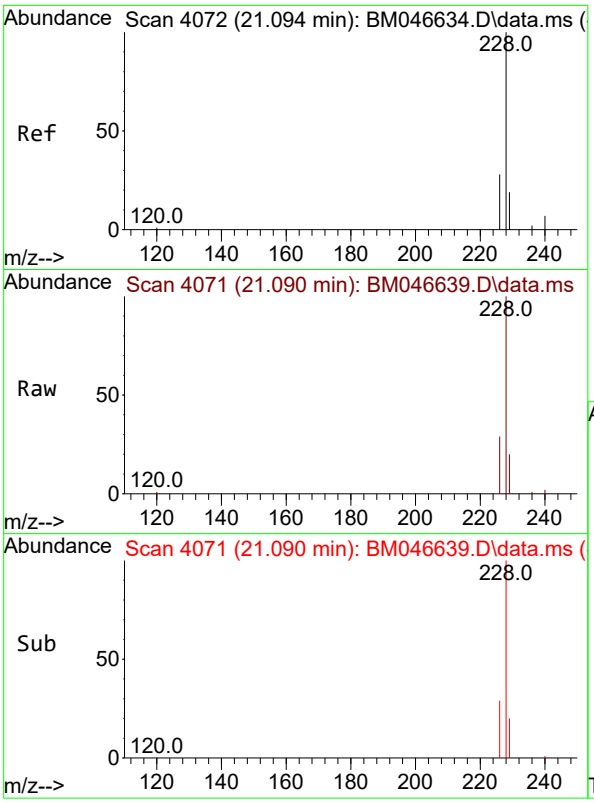


#20
Pyrene
Concen: 2.189 ng/ul
RT: 19.332 min Scan# 3618
Delta R.T. -0.001 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Tgt Ion:202 Resp: 82635

Ion	Ratio	Lower	Upper
202	100		
101	6.2	5.1	7.7
100	5.0	3.8	5.6



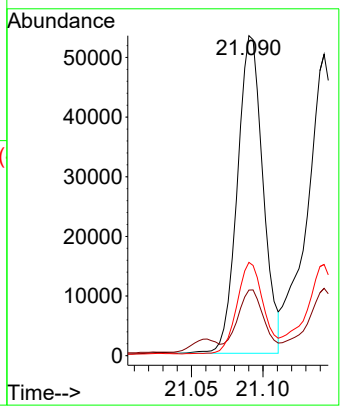


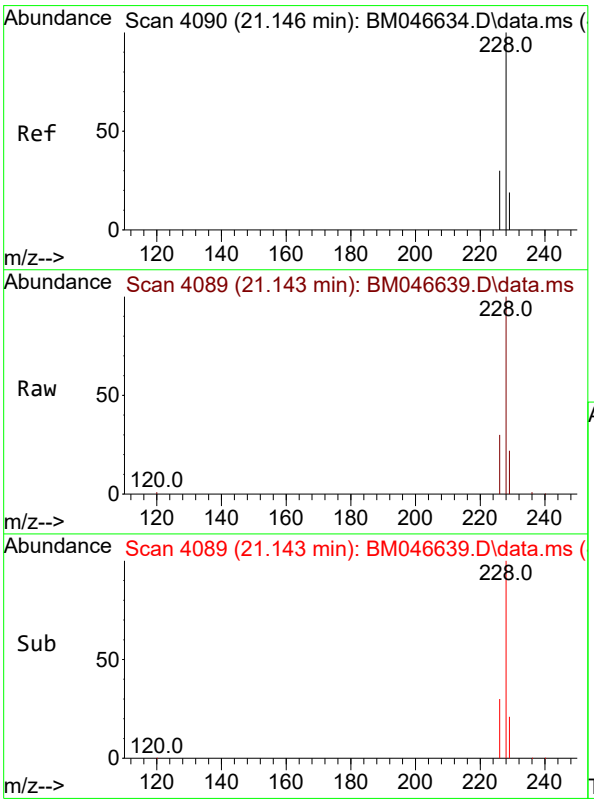
#21
Benzo(a)anthracene
Concen: 1.772 ng/ul
RT: 21.090 min Scan# 4
Delta R.T. 0.002 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Instrument :
BNA_M
ClientSampleId :
A4BS5

Tgt Ion:228 Resp: 66530

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.5	24.7
226	29.1	22.5	33.7

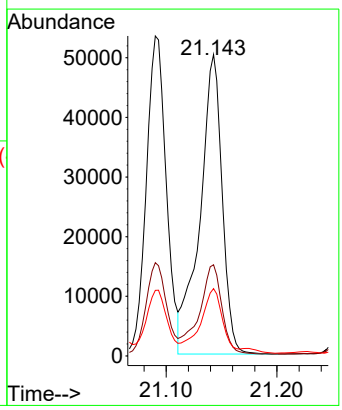


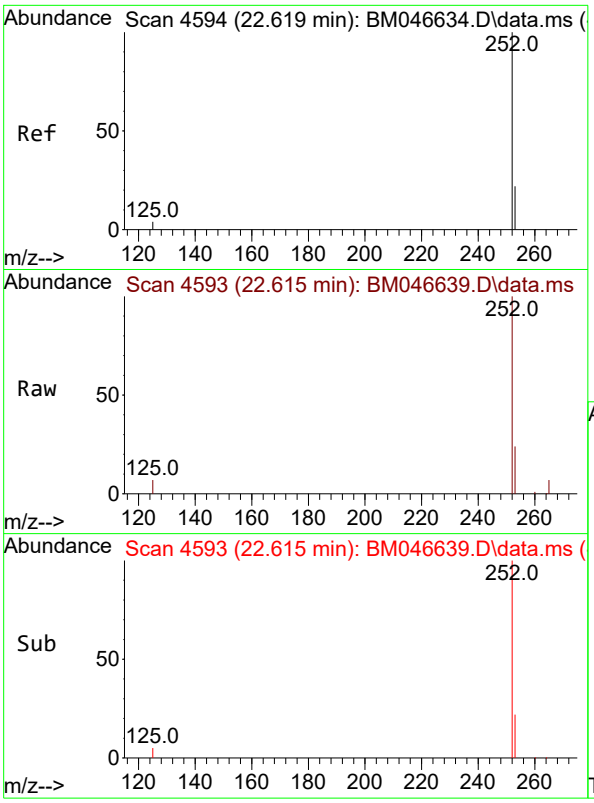


#22
Chrysene
Concen: 1.928 ng/ul
RT: 21.143 min Scan# 4089
Delta R.T. 0.002 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Tgt Ion:228 Resp: 70024

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	22.4	16.4	24.6



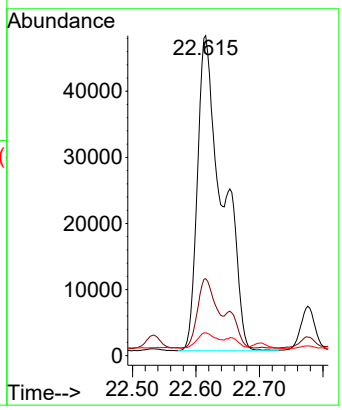


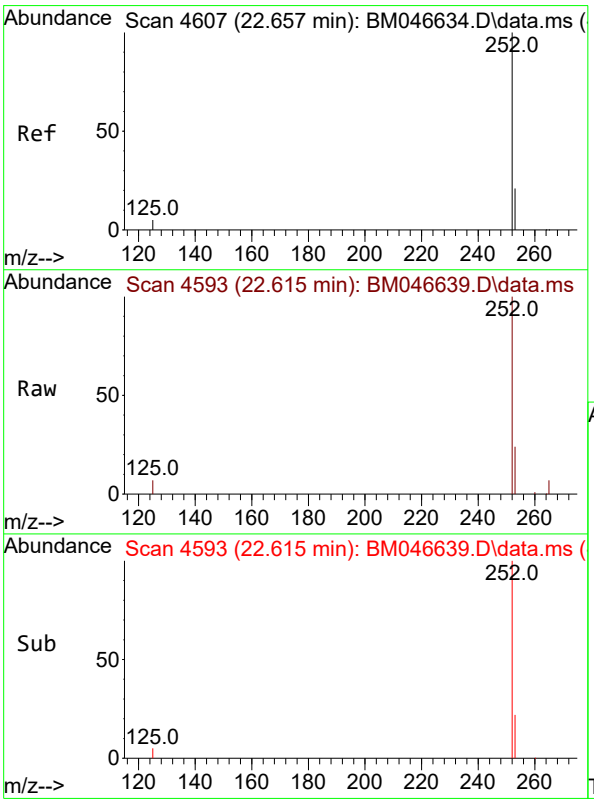
#24
Benzo(b)fluoranthene
Concen: 3.586 ng/ul
RT: 22.615 min Scan# 4
Delta R.T. 0.005 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Instrument :
BNA_M
ClientSampleId :
A4BS5

Tgt Ion:252 Resp: 130328

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	56.2
125	7.2	0.0	17.8

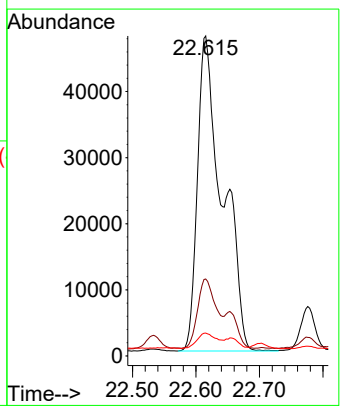


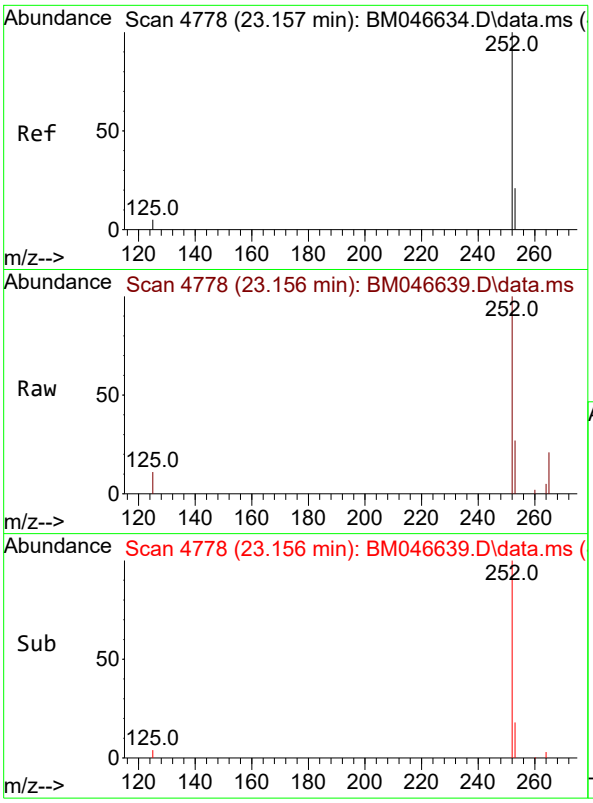


#25
Benzo(k)fluoranthene
Concen: 3.652 ng/ul
RT: 22.615 min Scan# 4593
Delta R.T. -0.036 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Tgt Ion:252 Resp: 130328

Ion	Ratio	Lower	Upper
252	100		
253	24.0	22.4	33.6
125	7.2	7.0	10.4



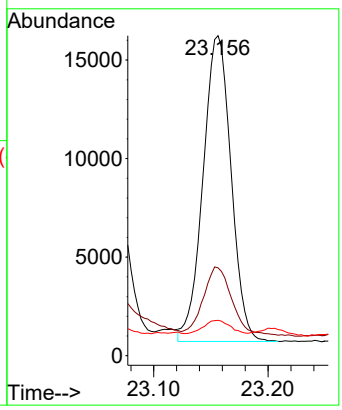


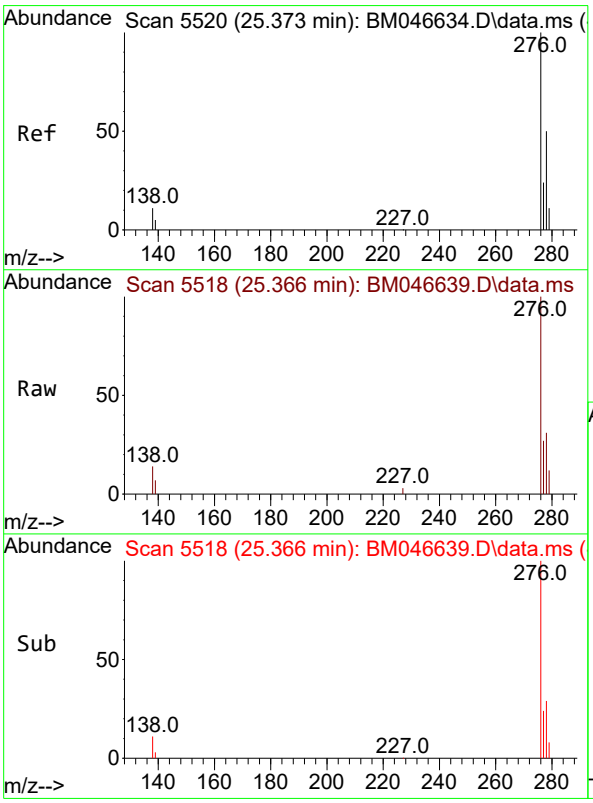
#26
Benzo(a)pyrene
Concen: 0.883 ng/ul
RT: 23.156 min Scan# 4
Delta R.T. 0.005 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Instrument :
BNA_M
ClientSampleId :
A4BS5

Tgt Ion:252 Resp: 26401

Ion	Ratio	Lower	Upper
252	100		
253	27.4	24.0	36.0
125	11.0	8.2	12.2

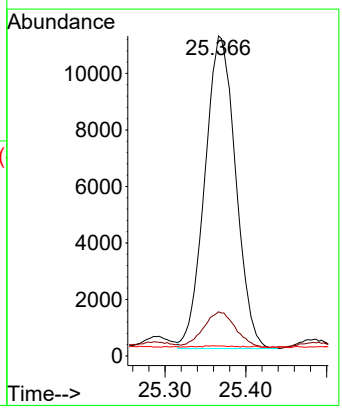


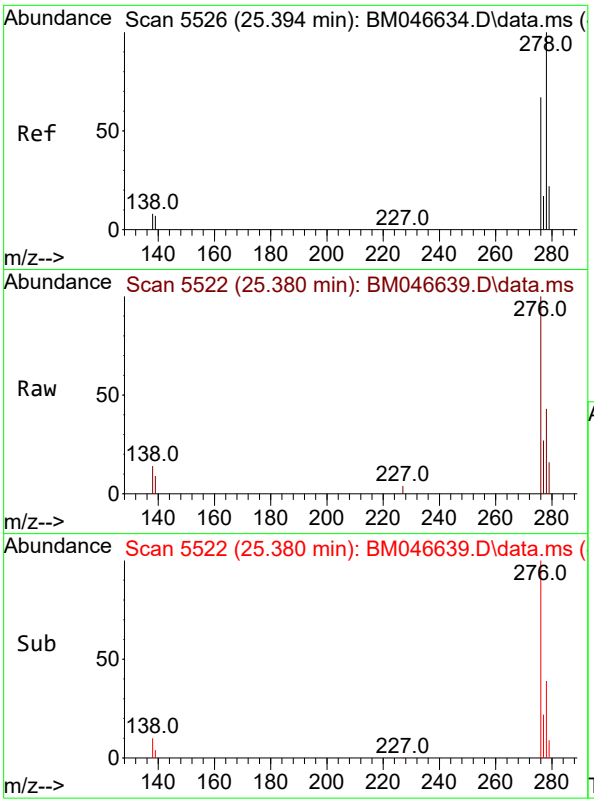


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.644 ng/ul
RT: 25.366 min Scan# 5518
Delta R.T. 0.006 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Tgt Ion:276 Resp: 29332

Ion	Ratio	Lower	Upper
276	100		
138	11.8	0.0	0.0#
227	0.3	0.2	0.2#



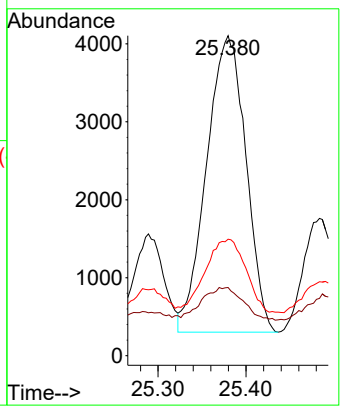


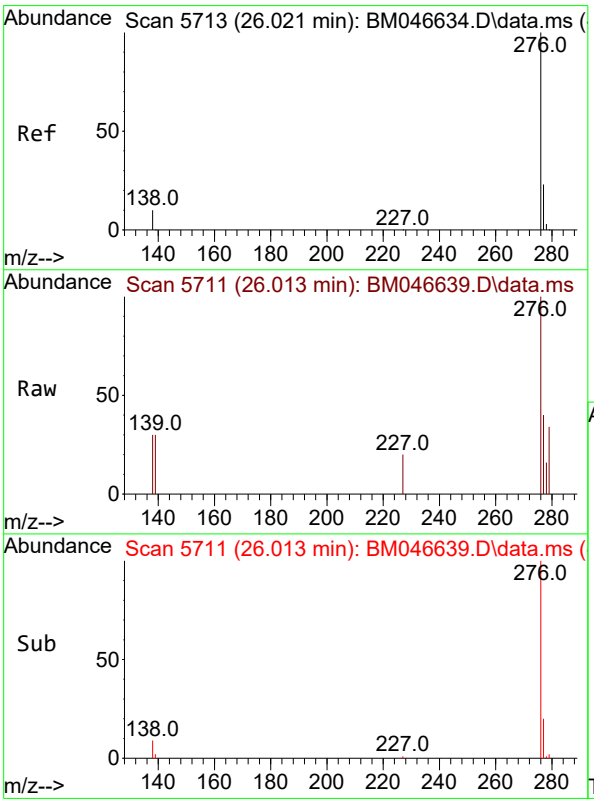
#28
Dibenzo(a,h)anthracene
Concen: 0.329 ng/ul
RT: 25.380 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Instrument :
BNA_M
ClientSampleId :
A4BS5

Tgt Ion:278 Resp: 11847

Ion	Ratio	Lower	Upper
278	100		
139	21.3	9.1	13.7#
279	36.4	23.2	34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.113 ng/ul
RT: 26.013 min Scan# 5711
Delta R.T. 0.010 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Tgt Ion:276 Resp: 4103

Ion	Ratio	Lower	Upper
276	100		
138	30.1	10.2	15.4#
277	39.9	20.9	31.3#