Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046928.D
Acq On : 30 Jul 2024 20:37
Operator : MA/JU
Sample : P3329-10DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E15DL

Quant Time: Jul 31 00:01:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 04:18:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.447	152	4608	0.400	ng/ul	0.00
4) Naphthalene-d8	10.204	136	7122	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.094	164	4939	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.853	188	11079	0.400	ng/ul	0.00
17) Chrysene-d12	21.067	240	6872	0.400	ng/ul	0.00
23) Perylene-d12	23.189	264	7177	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	1233	0.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.804	152	447	0.039	ng/ul	0.00
18) Fluoranthene-d10	18.894	212	1019	0.046	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.248	128	67174	3.729	ng/ul	96
7) 2-Methylnaphthalene	11.876	142	10466	0.844	ng/ul	100
8) 1-Methylnaphthalene	12.101	142	5217	0.407	ng/ul	99
10) Acenaphthylene	13.812	152	661	0.029	ng/ul#	77
11) Acenaphthene	14.159	153	8991	0.586	ng/ul	98
12) Fluorene	15.153	166	10266	0.535	ng/ul	99
15) Phenanthrene	16.895	178	39034	1.226	ng/ul	98
16) Anthracene	16.984	178	4874	0.164	ng/ul	96
19) Fluoranthene	18.927	202	18921	0.627	ng/ul	97
20) Pyrene	19.289	202	12735	0.408	ng/ul	98
21) Benzo(a)anthracene	21.053	228	2738	0.096	ng/ul	95
22) Chrysene	21.053	228	2738	0.094	ng/ul	96
24) Benzo(b)fluoranthene	22.563	252	2141	0.068	ng/ul#	30
25) Benzo(k)fluoranthene	22.563	252	2141	0.067	ng/ul#	37
26) Benzo(a)pyrene	23.098	252	808	0.036	ng/ul#	16

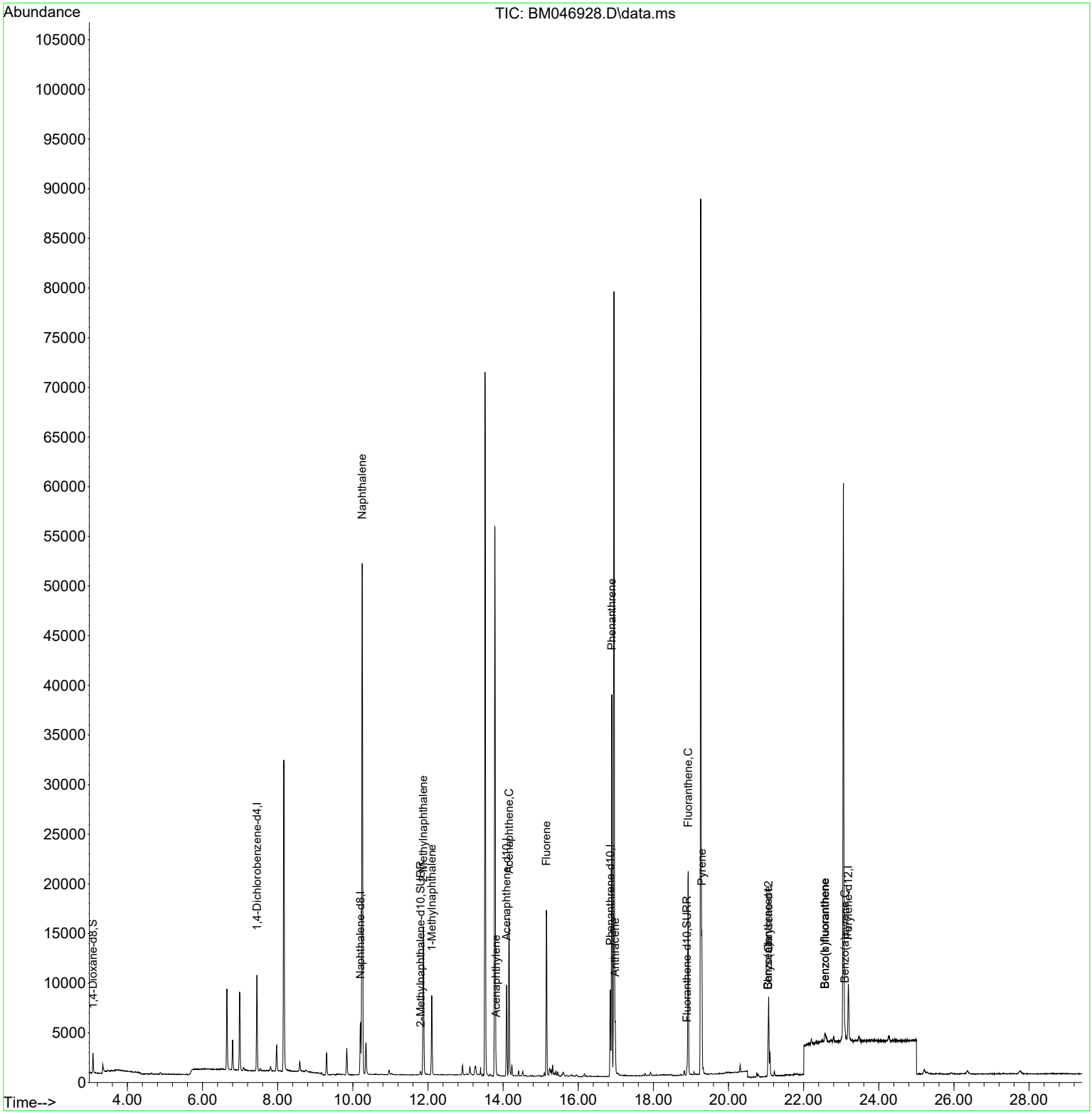
(#) = qualifier out of range (m) = manual integration (+) = signals summed

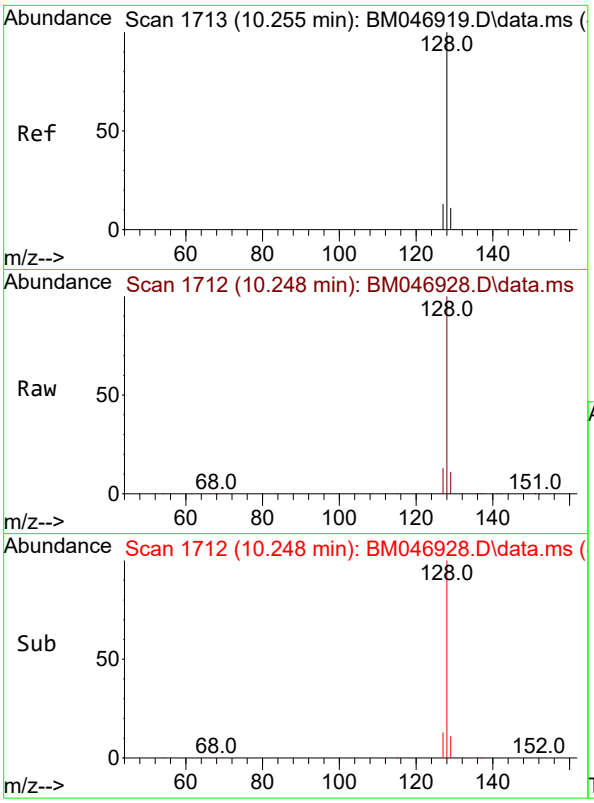
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046928.D
Acq On : 30 Jul 2024 20:37
Operator : MA/JU
Sample : P3329-10DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E15DL

Quant Time: Jul 31 00:01:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 04:18:24 2024
Response via : Initial Calibration



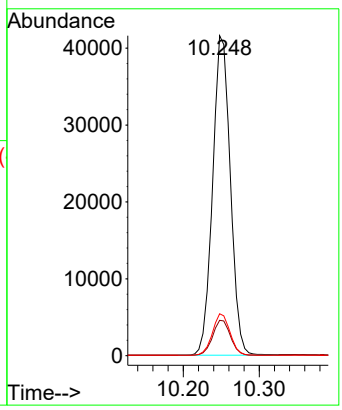


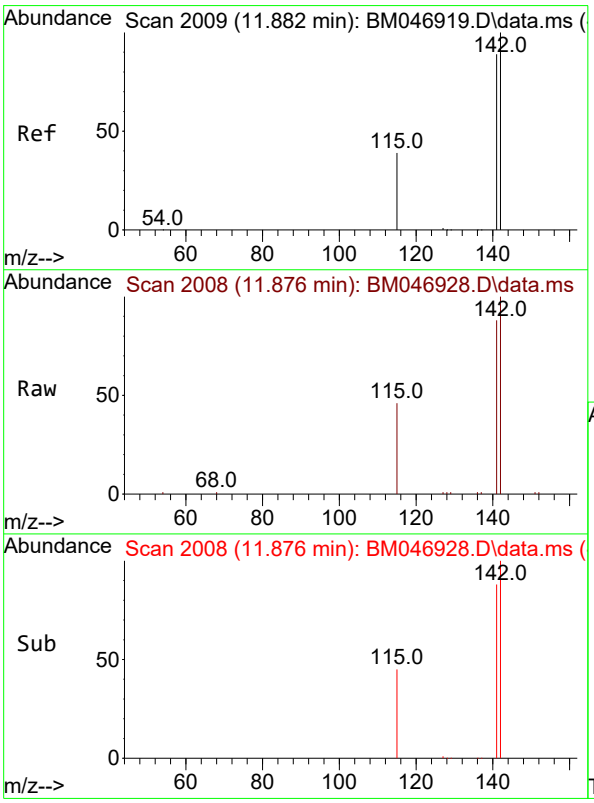
#5
Naphthalene
Concen: 3.729 ng/ul
RT: 10.248 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

Instrument :
BNA_M
ClientSampleId :
F7E15DL

Tgt Ion:128 Resp: 67174

Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.1	15.1
127	13.1	11.5	17.3

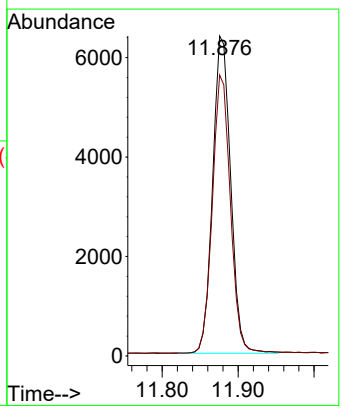


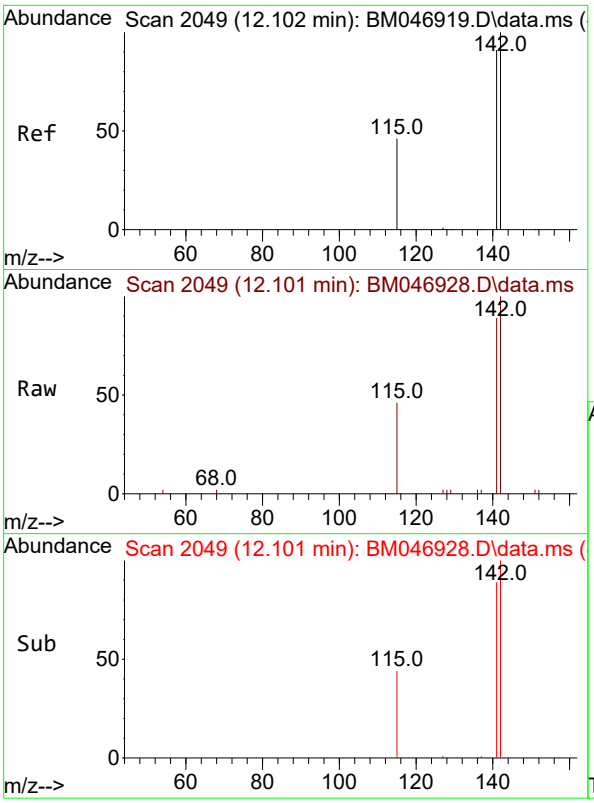


#7
2-Methylnaphthalene
Concen: 0.844 ng/ul
RT: 11.876 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

Tgt Ion:142 Resp: 10466

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.5	105.7



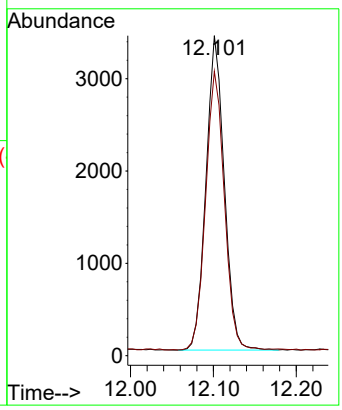


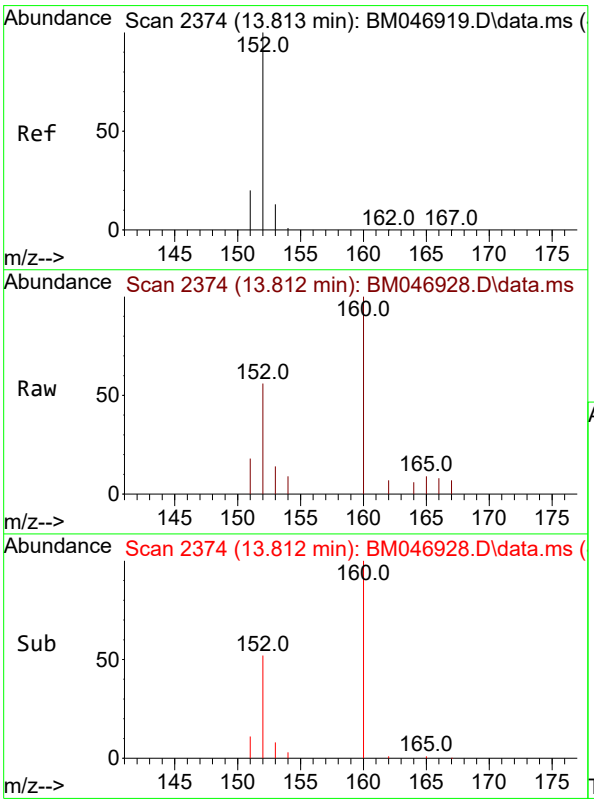
#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.101 min Scan# 2
Delta R.T. -0.007 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

Instrument :
BNA_M
ClientSampleId :
F7E15DL

Tgt Ion:142 Resp: 5217

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.1	109.7

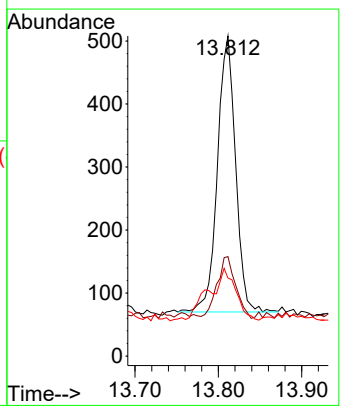


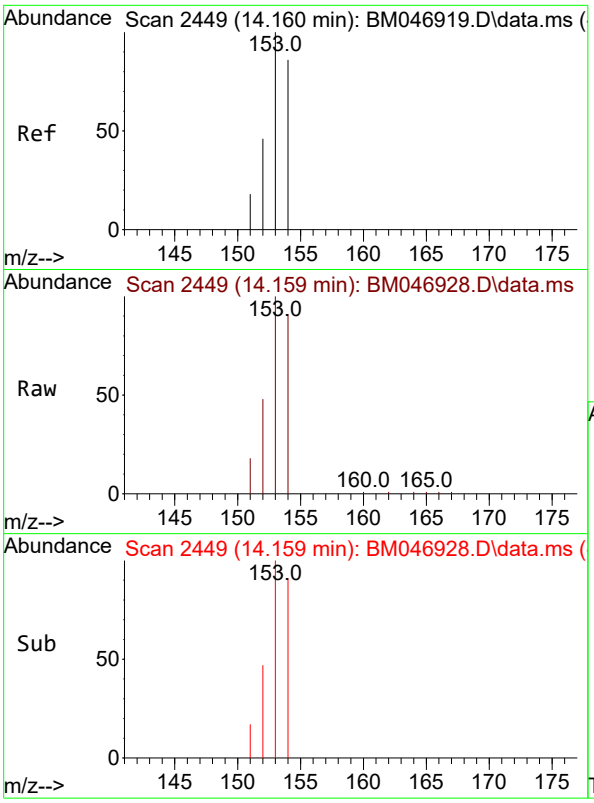


#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 13.812 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

Tgt Ion:152 Resp: 661

Ion	Ratio	Lower	Upper
152	100		
151	31.1	16.8	25.2#
153	24.4	11.0	16.6#



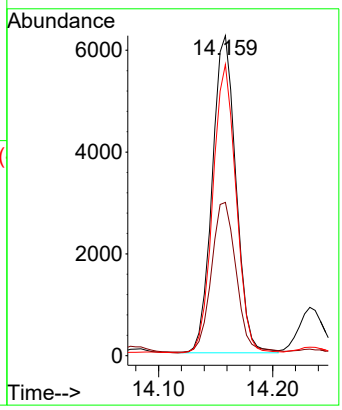


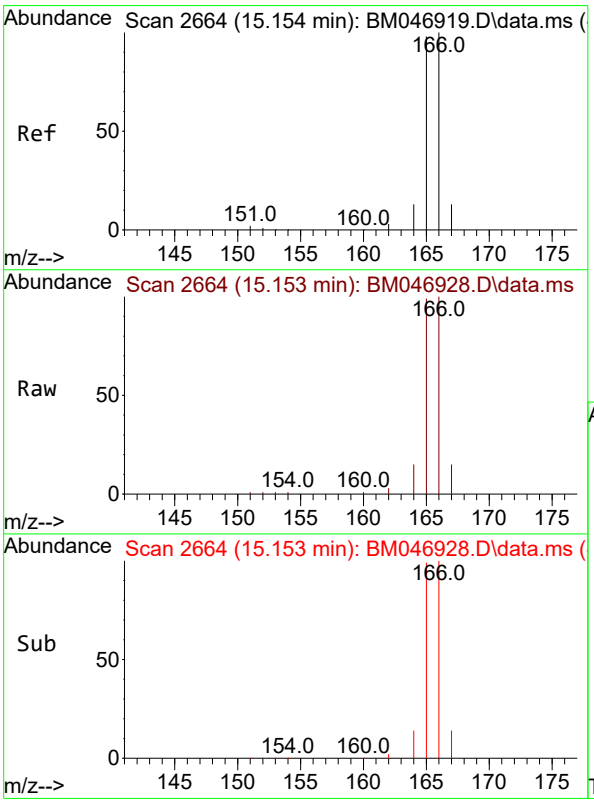
#11
Acenaphthene
Concen: 0.586 ng/ul
RT: 14.159 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

Instrument :
BNA_M
ClientSampleId :
F7E15DL

Tgt Ion:153 Resp: 8991

Ion	Ratio	Lower	Upper
153	100		
152	47.9	38.6	57.8
154	91.0	70.8	106.2

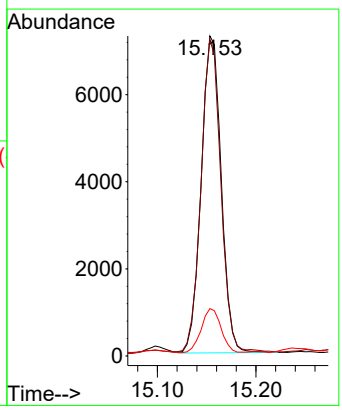


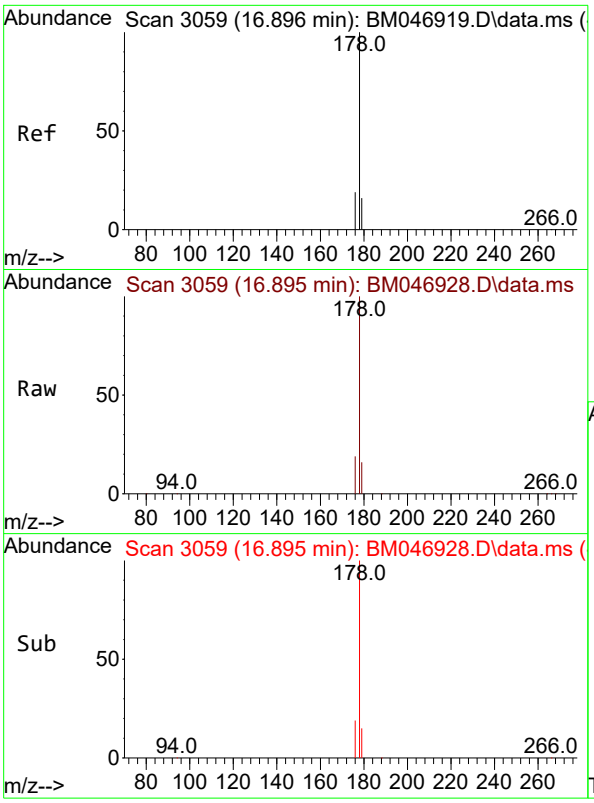


#12
Fluorene
Concen: 0.535 ng/ul
RT: 15.153 min Scan# 2664
Delta R.T. -0.010 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

Tgt Ion:166 Resp: 10266

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.6
167	14.8	12.3	18.5



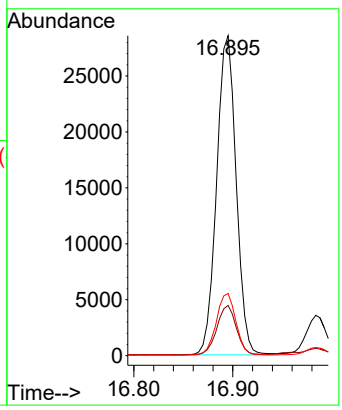


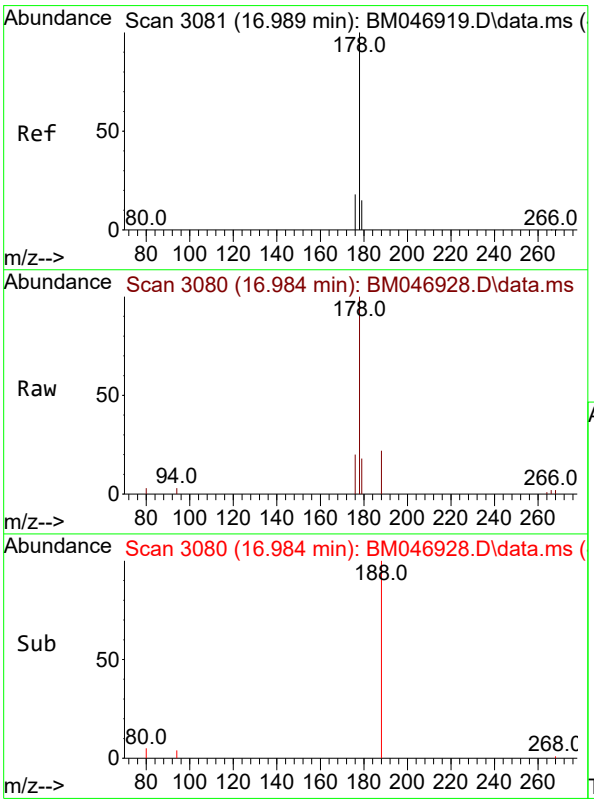
#15
Phenanthrene
Concen: 1.226 ng/ul
RT: 16.895 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

Instrument :
BNA_M
ClientSampleId :
F7E15DL

Tgt Ion:178 Resp: 39034

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	19.5	16.1	24.1

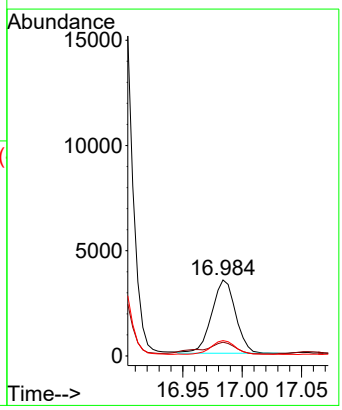


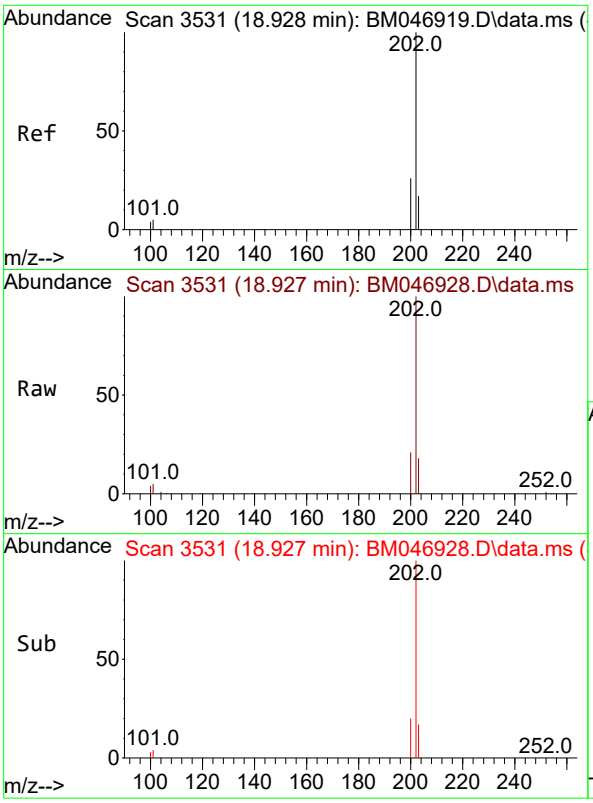


#16
Anthracene
Concen: 0.164 ng/ul
RT: 16.984 min Scan# 3080
Delta R.T. -0.010 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

Tgt Ion:178 Resp: 4874

Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.1	19.7
176	20.2	15.0	22.6



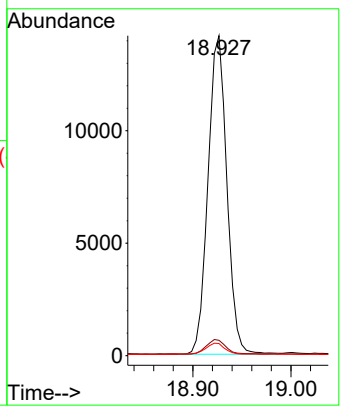


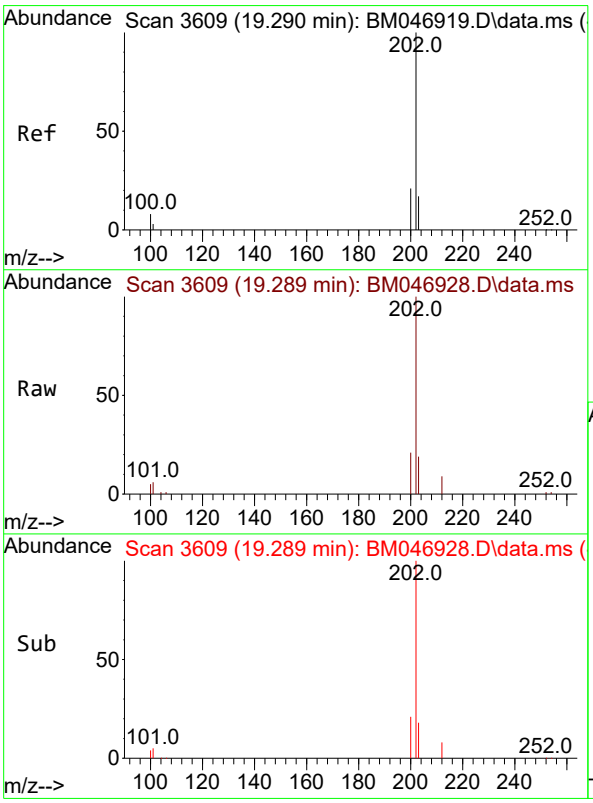
#19
Fluoranthene
Concen: 0.627 ng/ul
RT: 18.927 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

Instrument :
BNA_M
ClientSampleId :
F7E15DL

Tgt Ion:202 Resp: 18921

Ion	Ratio	Lower	Upper
202	100		
101	4.8	4.7	7.1
100	3.8	3.4	5.2

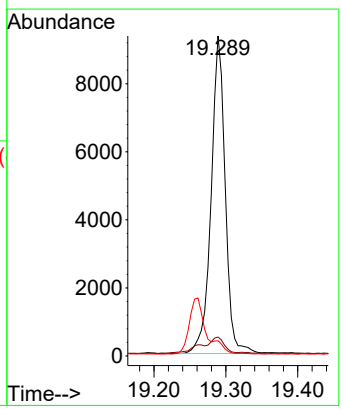


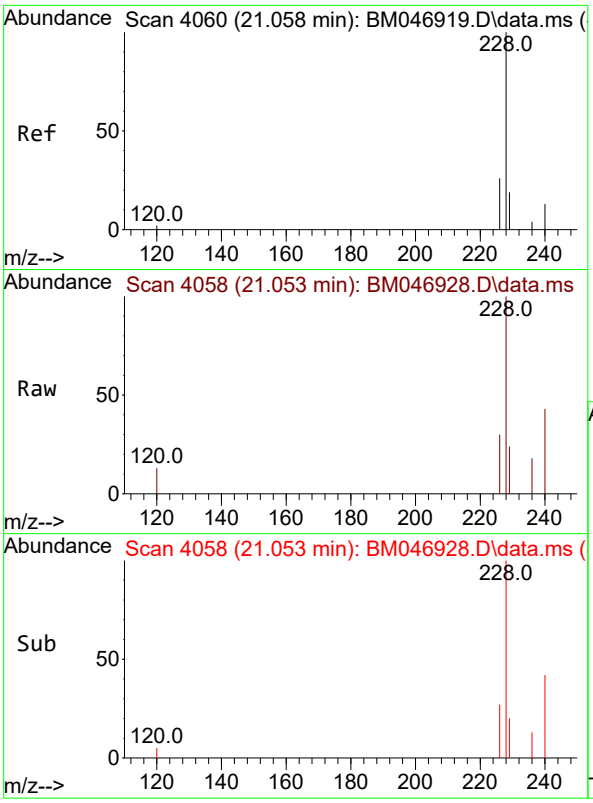


#20
Pyrene
Concen: 0.408 ng/ul
RT: 19.289 min Scan# 3609
Delta R.T. -0.006 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

Tgt Ion:202 Resp: 12735

Ion	Ratio	Lower	Upper
202	100		
101	5.9	5.2	7.8
100	4.8	4.3	6.5



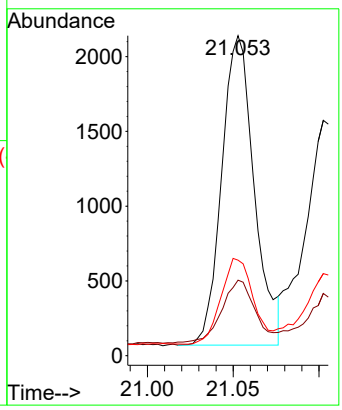


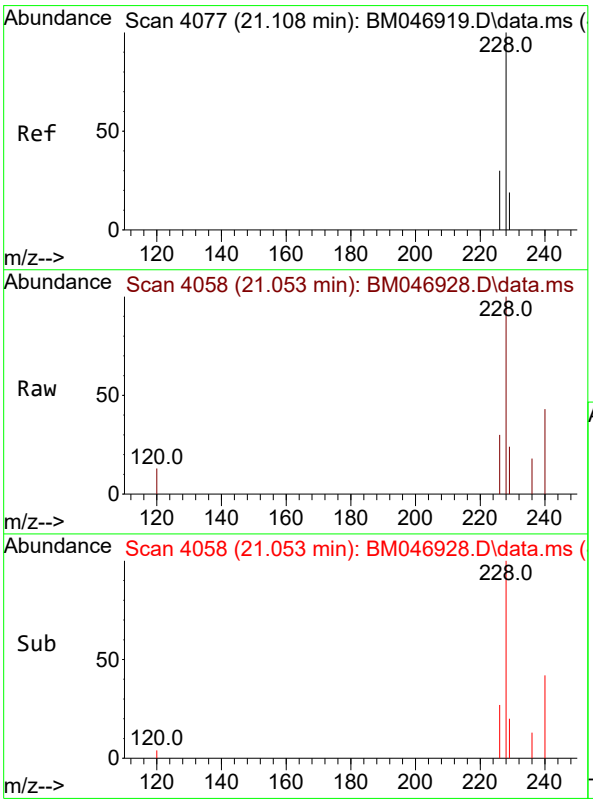
#21
Benzo(a)anthracene
Concen: 0.096 ng/ul
RT: 21.053 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

Instrument :
BNA_M
ClientSampleId :
F7E15DL

Tgt Ion:228 Resp: 2738

Ion	Ratio	Lower	Upper
228	100		
229	23.6	16.3	24.5
226	29.9	22.3	33.5

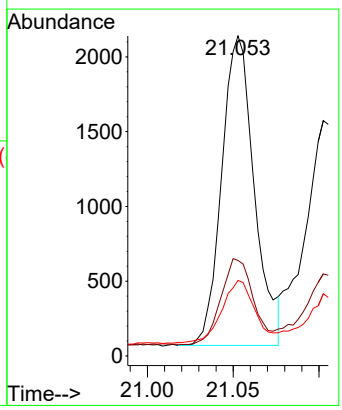


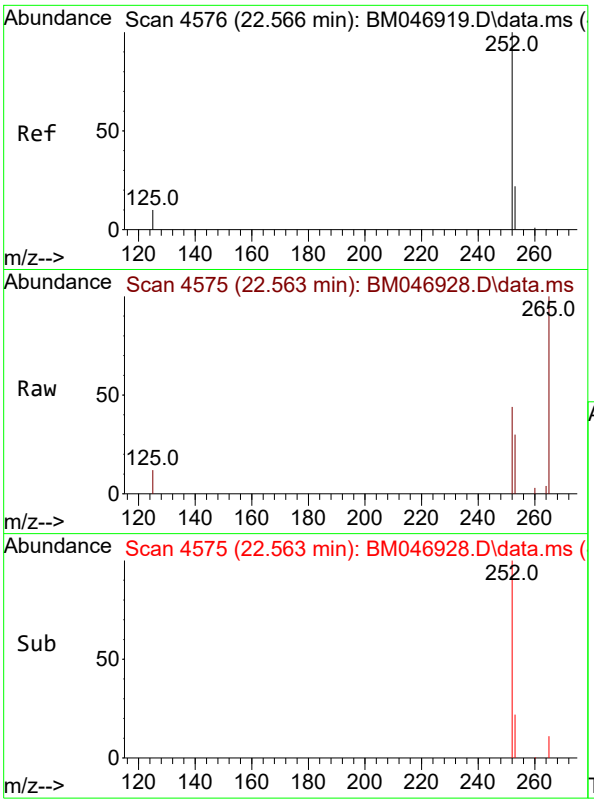


#22
Chrysene
Concen: 0.094 ng/ul
RT: 21.053 min Scan# 4058
Delta R.T. -0.055 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

Tgt Ion:228 Resp: 2738

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	23.6	16.2	24.2



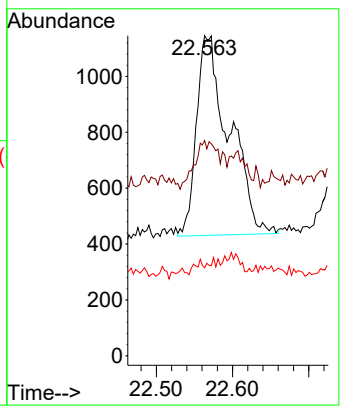


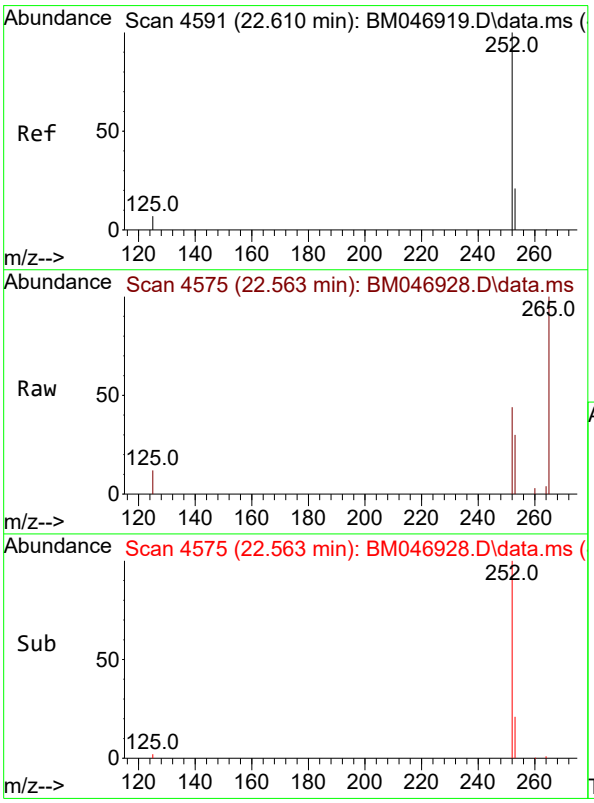
#24
Benzo(b)fluoranthene
Concen: 0.068 ng/ul
RT: 22.563 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

Instrument :
BNA_M
ClientSampleId :
F7E15DL

Tgt Ion:252 Resp: 2141

Ion	Ratio	Lower	Upper
252	100		
253	67.3	0.0	56.4#
125	27.5	0.0	15.8#

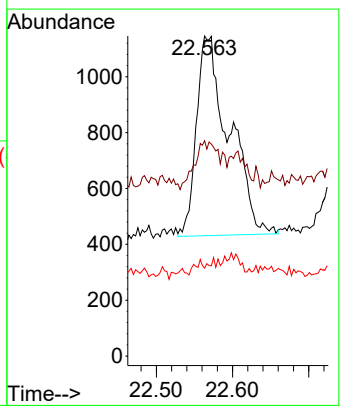


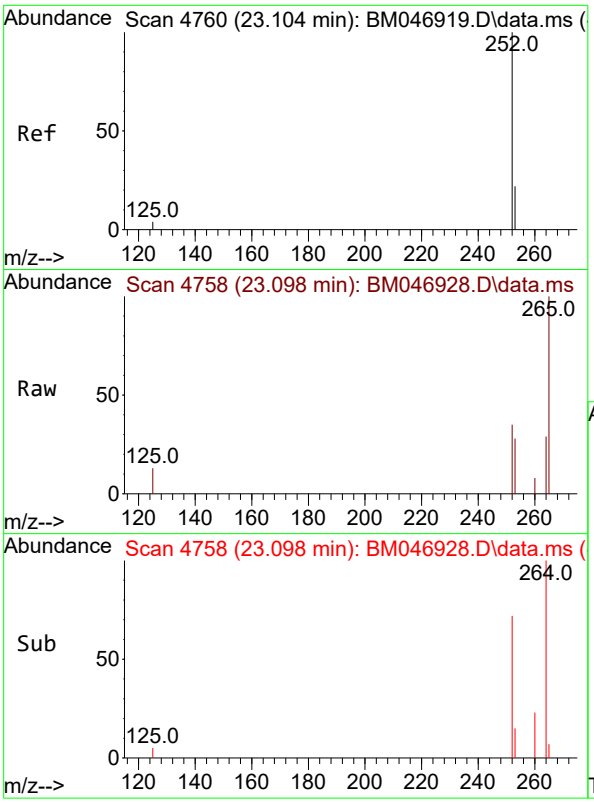


#25
Benzo(k)fluoranthene
Concen: 0.067 ng/ul
RT: 22.563 min Scan# 4575
Delta R.T. -0.046 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

Tgt Ion:252 Resp: 2141

Ion	Ratio	Lower	Upper
252	100		
253	67.3	23.5	35.3#
125	27.5	8.6	13.0#





#26
Benzo(a)pyrene
Concen: 0.036 ng/ul
RT: 23.098 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM046928.D
Acq: 30 Jul 2024 20:37

Instrument :
BNA_M
ClientSampleId :
F7E15DL

Tgt Ion:252 Resp: 808

Ion	Ratio	Lower	Upper
252	100		
253	81.4	26.0	39.0#
125	36.4	7.8	11.8#