Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046446.D
Acq On : 08 Jul 2024 21:18
Operator : MA/JU
Sample : P2982-06DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CF0DL

Quant Time: Jul 09 00:59:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	6854	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	18625	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.174	164	11414	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.926	188	21865	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.128	240	14141	0.400	ng/ul	-0.01
23) Perylene-d12	23.282	264	15473	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	2696	0.381	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	1072	0.039	ng/ul	0.00
18) Fluoranthene-d10	18.960	212	2012	0.041	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.343	128	4523	0.091	ng/ul	96
7) 2-Methylnaphthalene	11.970	142	2252	0.067	ng/ul	97
8) 1-Methylnaphthalene	12.190	142	1737	0.050	ng/ul	97
10) Acenaphthylene	13.887	152	10654	0.184	ng/ul	98
11) Acenaphthene	14.234	153	5012	0.133	ng/ul	96
12) Fluorene	15.228	166	6261	0.140	ng/ul	96
14) Pentachlorophenol	16.580	266	131	0.021	ng/ul#	91
15) Phenanthrene	16.964	178	123703	1.889	ng/ul	98
16) Anthracene	17.057	178	24048	0.379	ng/ul	99
19) Fluoranthene	18.993	202	247264	3.459	ng/ul#	94
20) Pyrene	19.355	202	177562	2.414	ng/ul#	91
21) Benzo(a)anthracene	21.114	228	98549	1.560	ng/ul	95
22) Chrysene	21.163	228	113191	1.802	ng/ul	98
24) Benzo(b)fluoranthene	22.645	252	209180	3.180	ng/ul	99
25) Benzo(k)fluoranthene	22.645	252	209180	3.150	ng/ul	98
26) Benzo(a)pyrene	23.188	252	53375	1.027	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.416	276	55863	0.795	ng/ul#	86
28) Dibenzo(a,h)anthracene	25.430	278	17804	0.328	ng/ul#	90
29) Benzo(g,h,i)perylene	26.067	276	8554	0.153	ng/ul#	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046446.D
Acq On : 08 Jul 2024 21:18
Operator : MA/JU
Sample : P2982-06DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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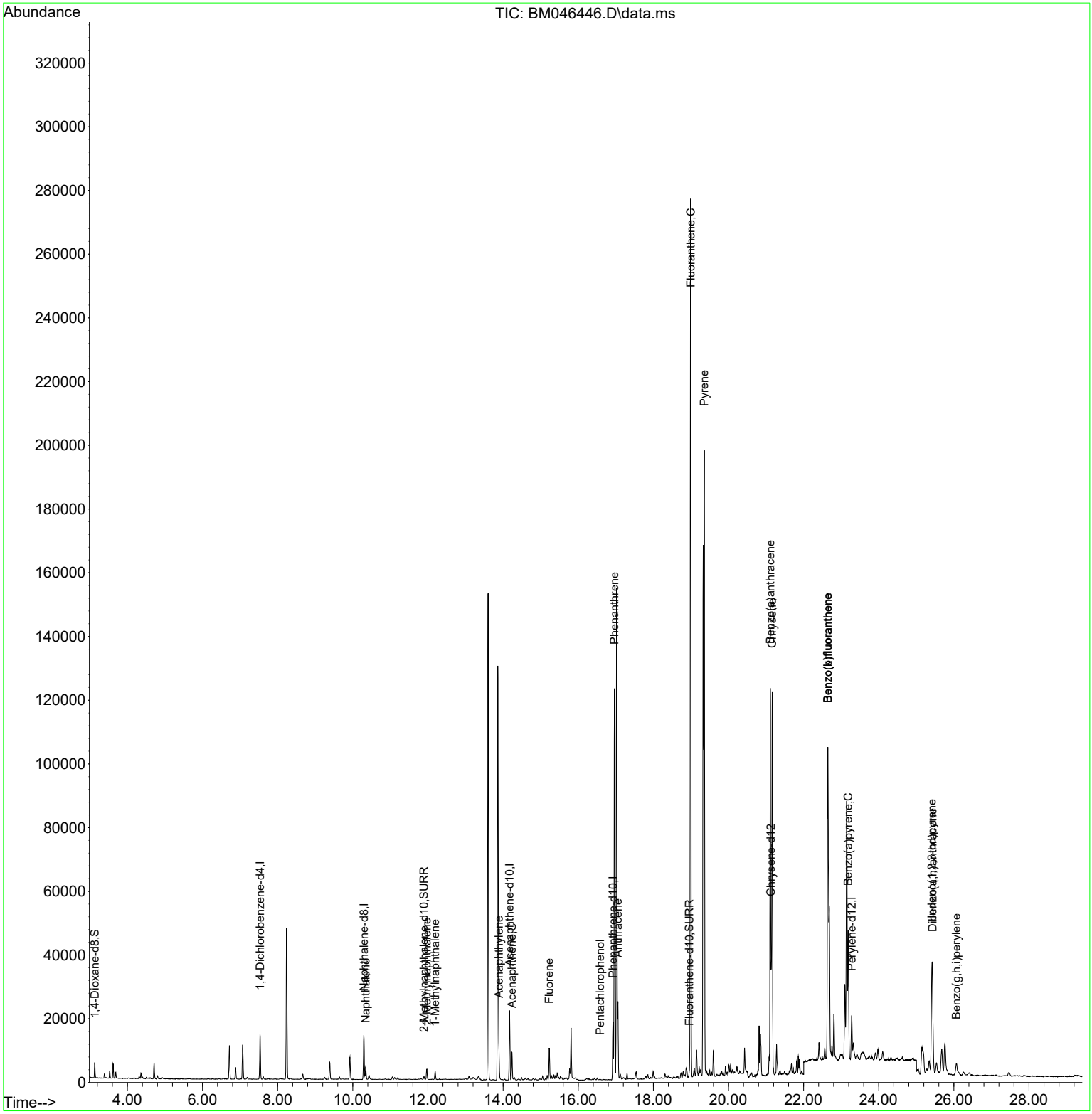
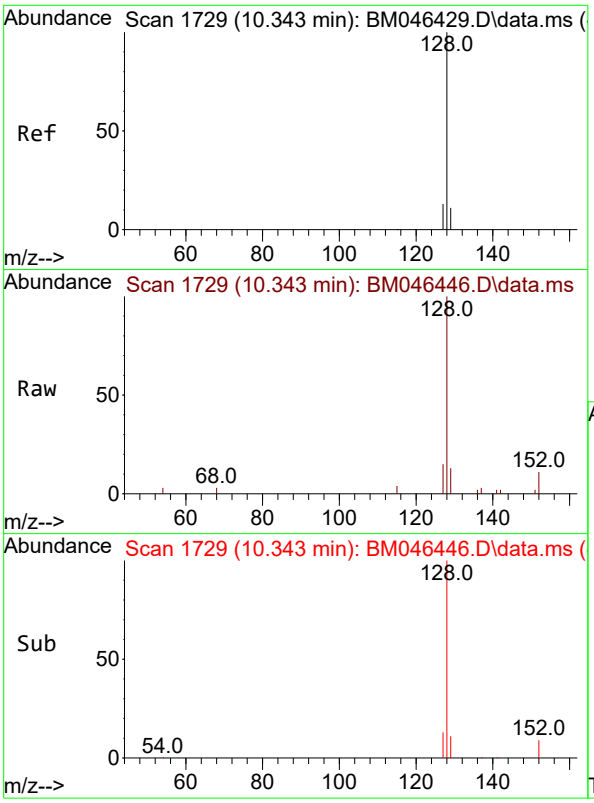
A4CF0DL

Quant Time: Jul 09 00:59:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration



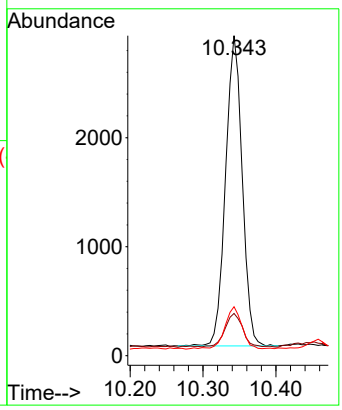


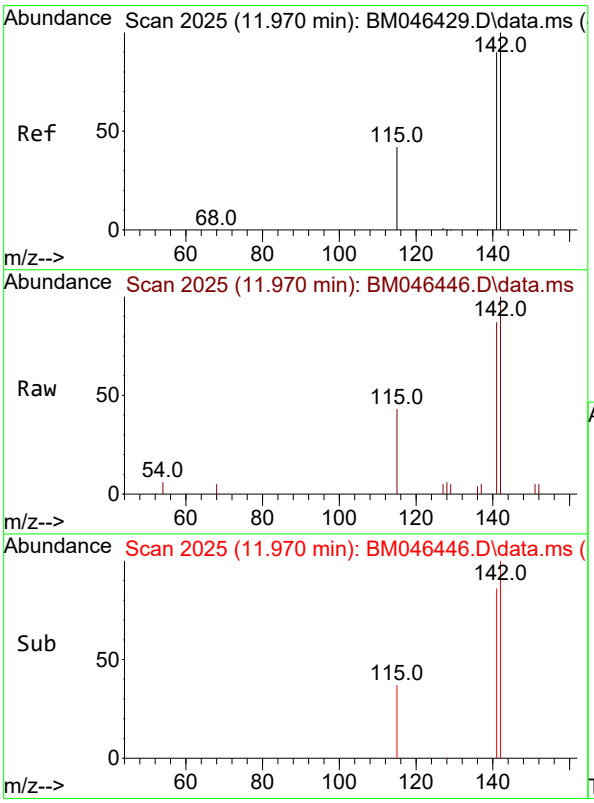
#5
Naphthalene
Concen: 0.091 ng/ul
RT: 10.343 min Scan# 1
Delta R.T. -0.010 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Instrument :
BNA_M
ClientSampleId :
A4CF0DL

Tgt Ion:128 Resp: 4523

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.4	14.0
127	15.3	10.8	16.2

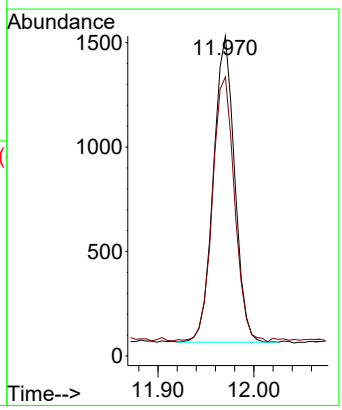


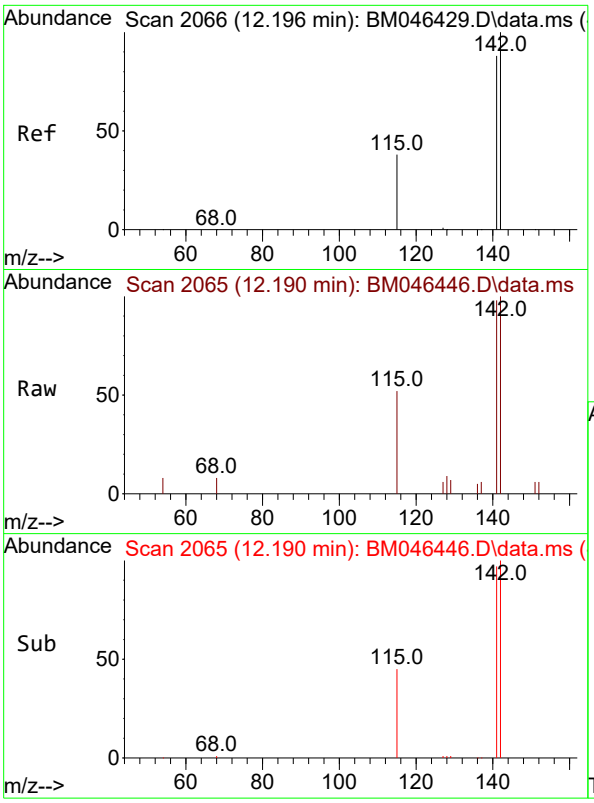


#7
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 11.970 min Scan# 2025
Delta R.T. -0.010 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Tgt Ion:142 Resp: 2252

Ion	Ratio	Lower	Upper
142	100		
141	90.3	69.8	104.6



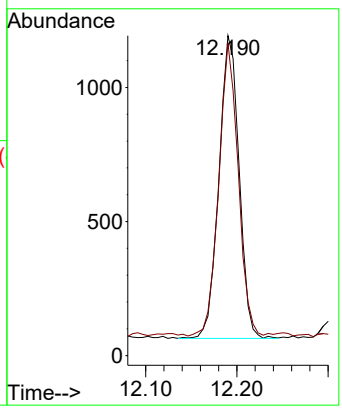


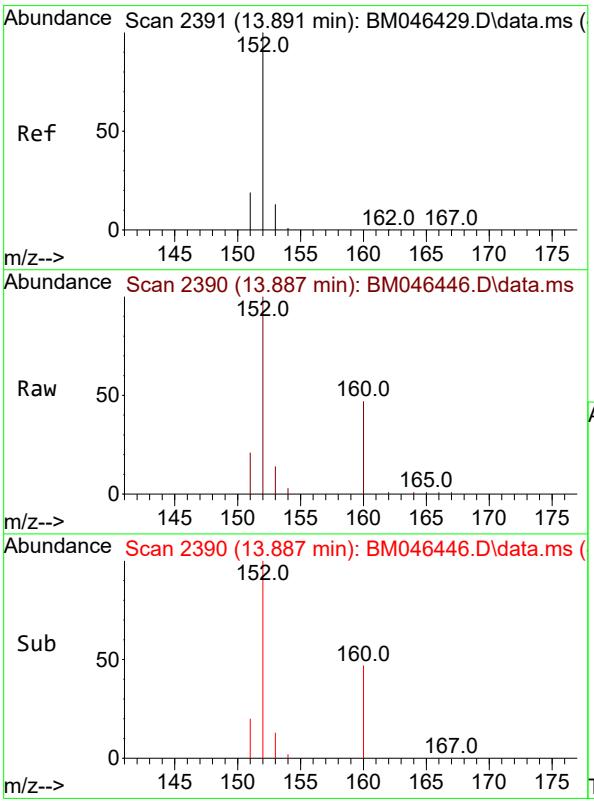
#8
1-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.190 min Scan# 2
Delta R.T. -0.010 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Instrument :
BNA_M
ClientSampleId :
A4CF0DL

Tgt Ion:142 Resp: 1737

Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.4	108.6

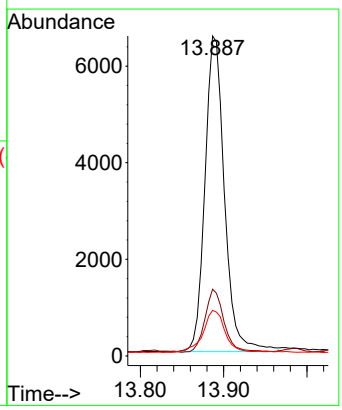


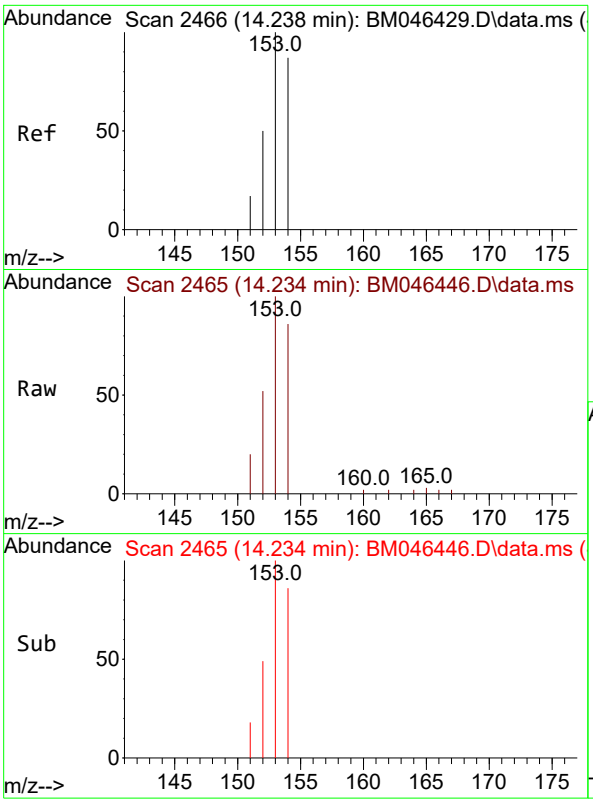


#10
Acenaphthylene
Concen: 0.184 ng/ul
RT: 13.887 min Scan# 2390
Delta R.T. -0.013 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Tgt Ion:152 Resp: 10654

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.9	23.9
153	14.2	11.0	16.6



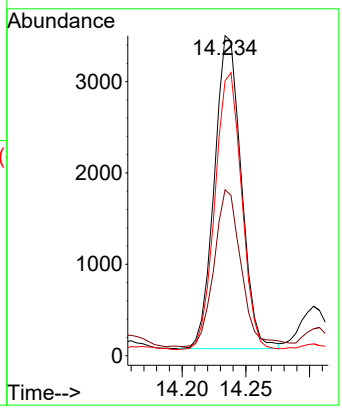


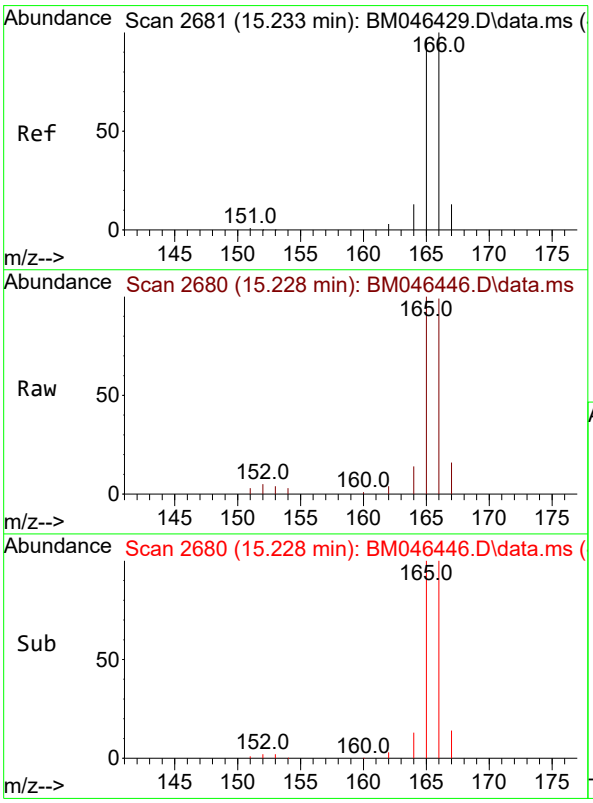
#11
Acenaphthene
Concen: 0.133 ng/ul
RT: 14.234 min Scan# 24
Delta R.T. -0.013 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Instrument :
BNA_M
ClientSampleId :
A4CF0DL

Tgt Ion:153 Resp: 5012

Ion	Ratio	Lower	Upper
153	100		
152	51.8	40.4	60.6
154	85.9	72.1	108.1

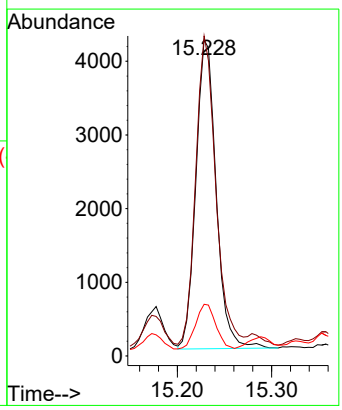


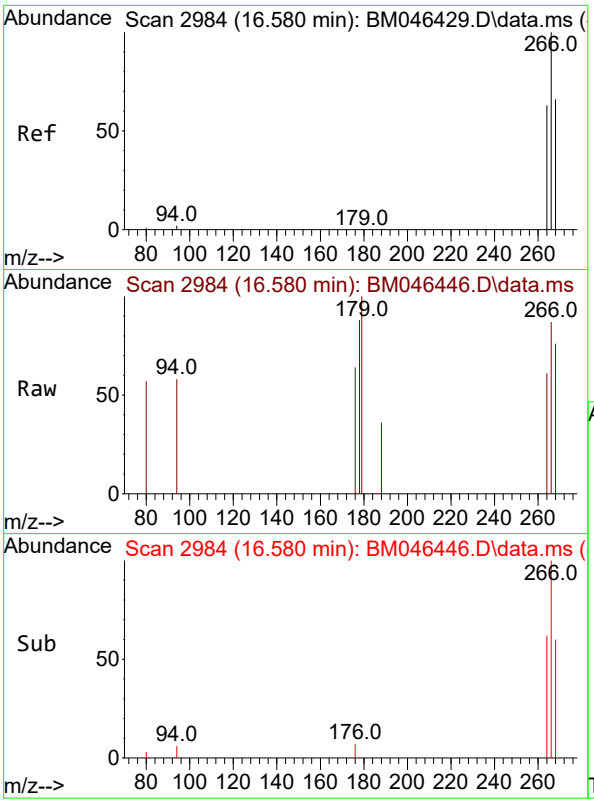


#12
Fluorene
Concen: 0.140 ng/ul
RT: 15.228 min Scan# 2680
Delta R.T. -0.012 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Tgt Ion:166 Resp: 6261

Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.0	117.0
167	16.3	11.4	17.0



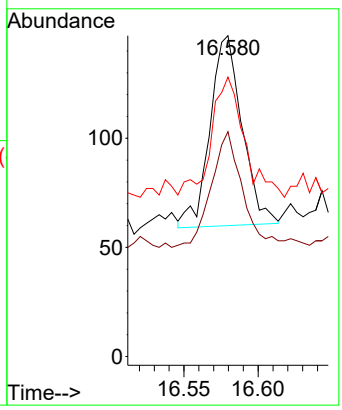


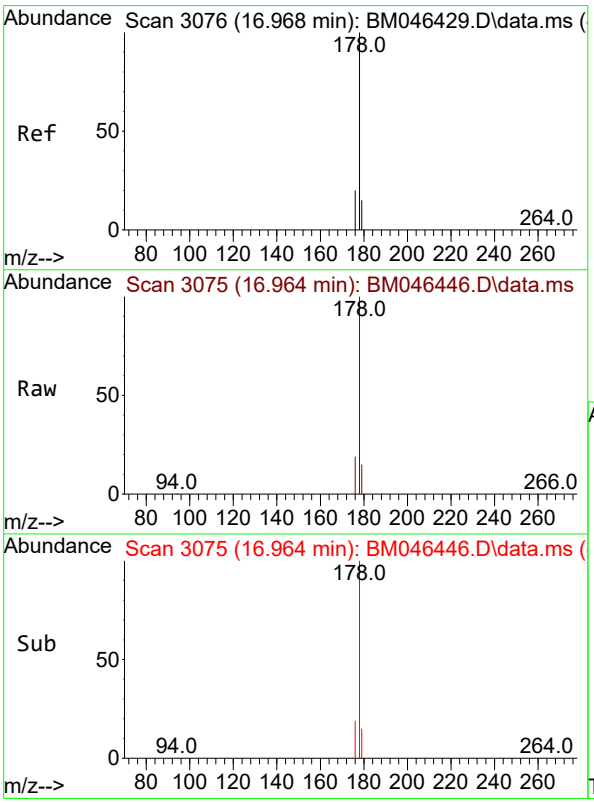
#14
Pentachlorophenol
Concen: 0.021 ng/ul
RT: 16.580 min Scan# 2
Delta R.T. -0.007 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Instrument :
BNA_M
ClientSampleId :
A4CF0DL

Tgt Ion:266 Resp: 131

Ion	Ratio	Lower	Upper
266	100		
264	61.8	51.0	76.6
268	76.3	50.8	76.2#

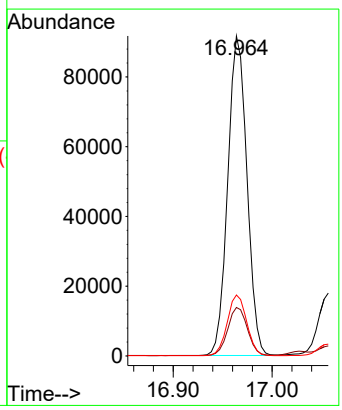


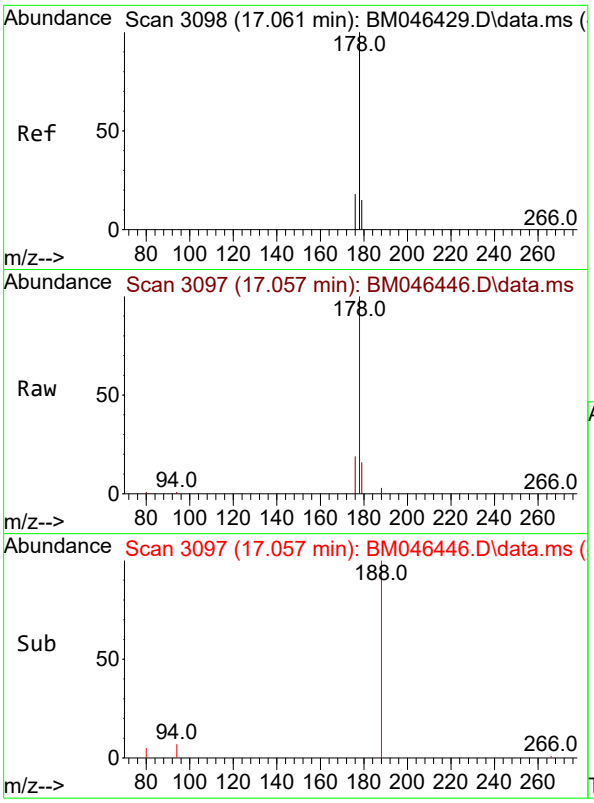


#15
Phenanthrene
Concen: 1.889 ng/ul
RT: 16.964 min Scan# 3075
Delta R.T. -0.011 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Tgt Ion:178 Resp: 123703

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.7	19.1
176	19.0	16.0	24.0



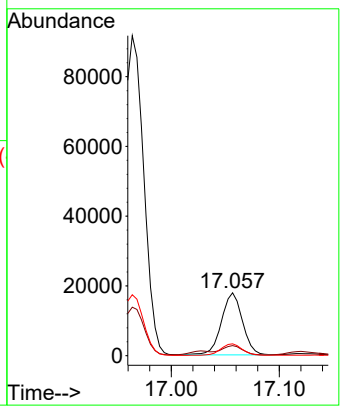


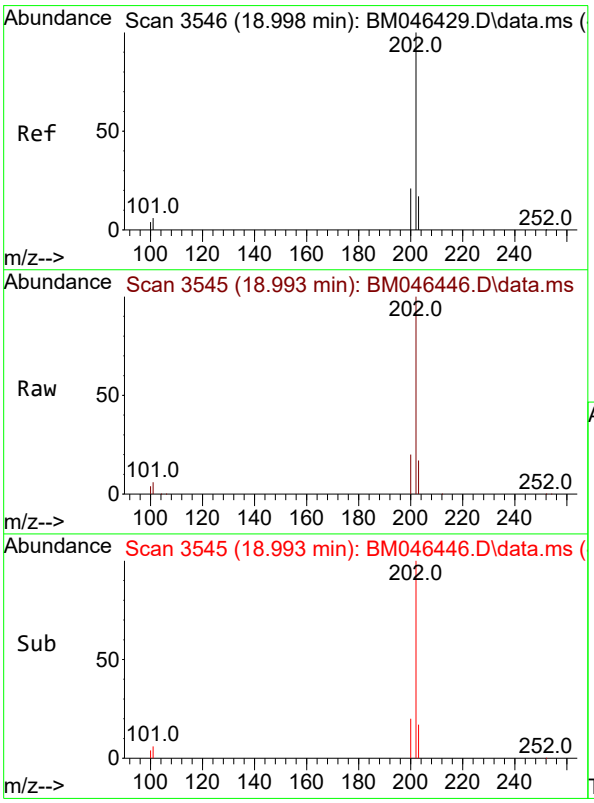
#16
Anthracene
Concen: 0.379 ng/ul
RT: 17.057 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Instrument :
BNA_M
ClientSampleId :
A4CF0DL

Tgt Ion:178 Resp: 24048

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	18.9	14.9	22.3

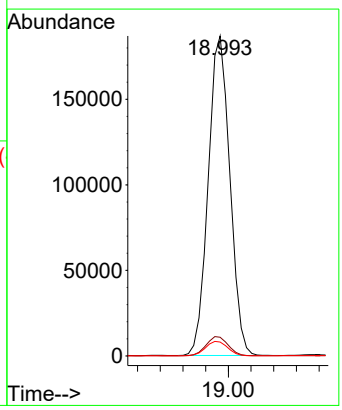


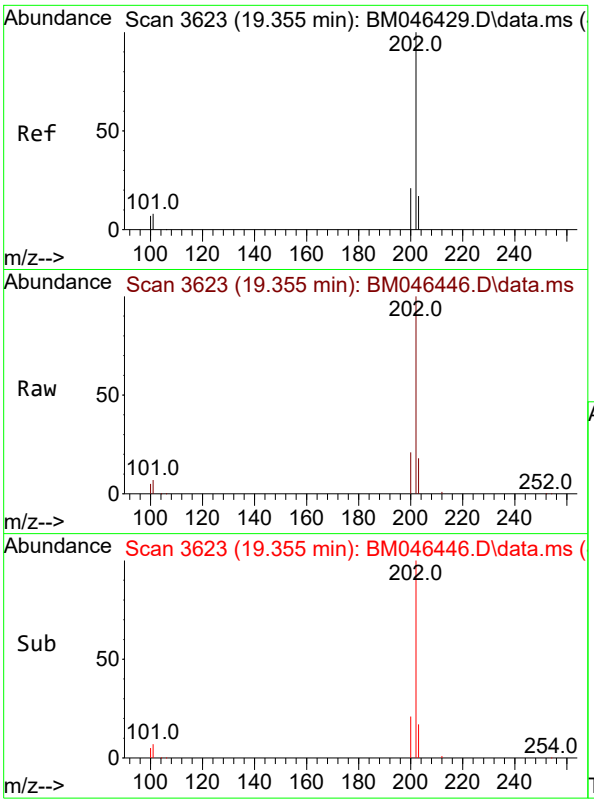


#19
Fluoranthene
Concen: 3.459 ng/ul
RT: 18.993 min Scan# 3545
Delta R.T. -0.013 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Tgt Ion:202 Resp: 247264

Ion	Ratio	Lower	Upper
202	100		
101	5.8	6.3	9.5#
100	4.4	5.0	7.6#



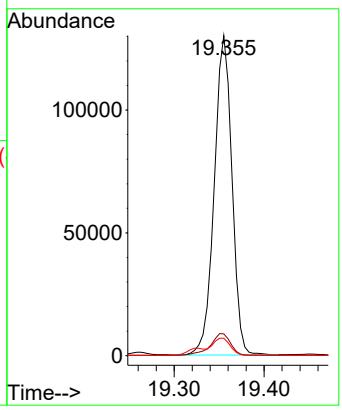


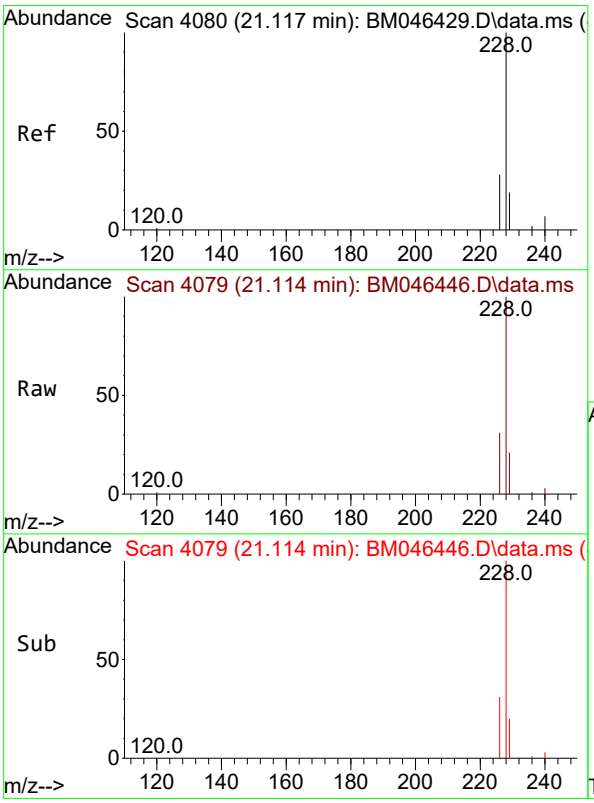
#20
Pyrene
Concen: 2.414 ng/ul
RT: 19.355 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Instrument :
BNA_M
ClientSampleId :
A4CF0DL

Tgt Ion:202 Resp: 177562

Ion	Ratio	Lower	Upper
202	100		
101	6.8	8.2	12.4#
100	5.5	6.9	10.3#

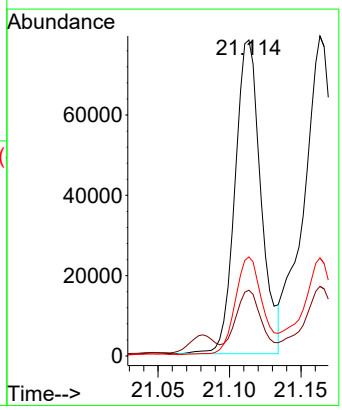


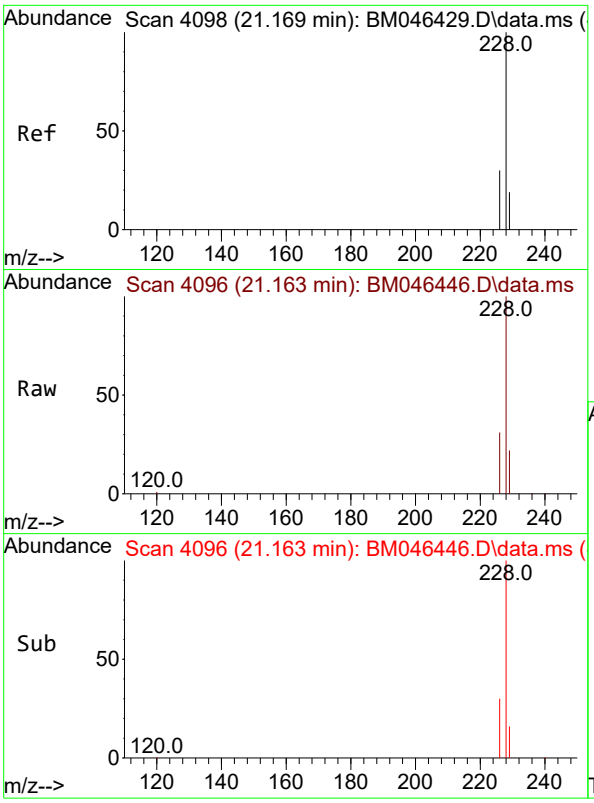


#21
Benzo(a)anthracene
Concen: 1.560 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.012 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Tgt Ion:228 Resp: 98549

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.6
226	31.4	22.0	33.0



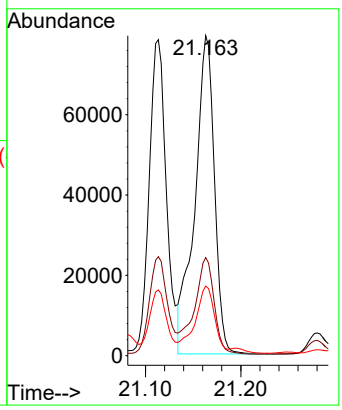


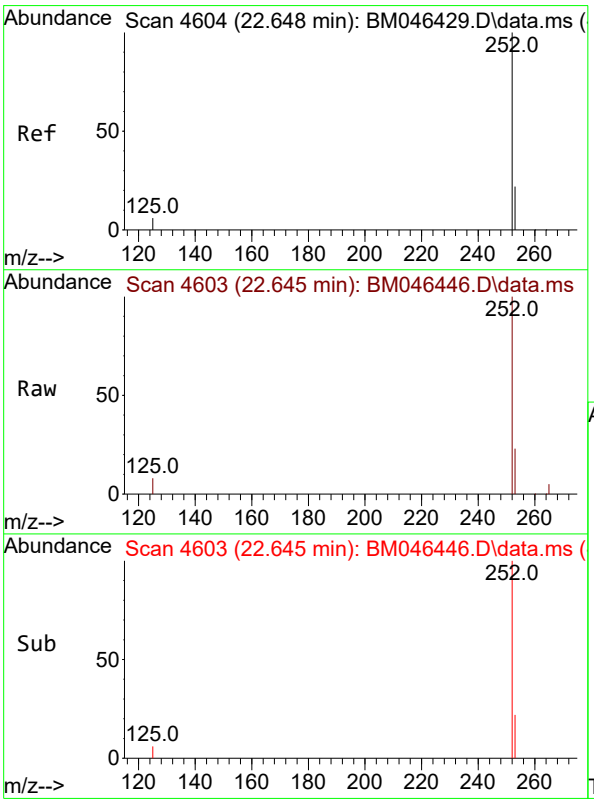
#22
Chrysene
Concen: 1.802 ng/ul
RT: 21.163 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Instrument :
BNA_M
ClientSampleId :
A4CF0DL

Tgt Ion:228 Resp: 113191

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	21.7	15.8	23.6

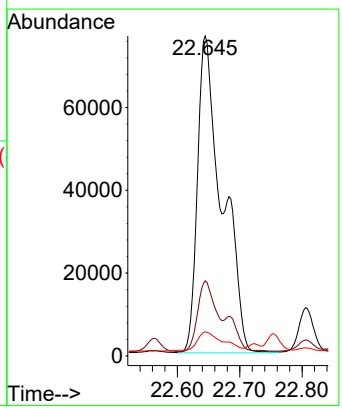


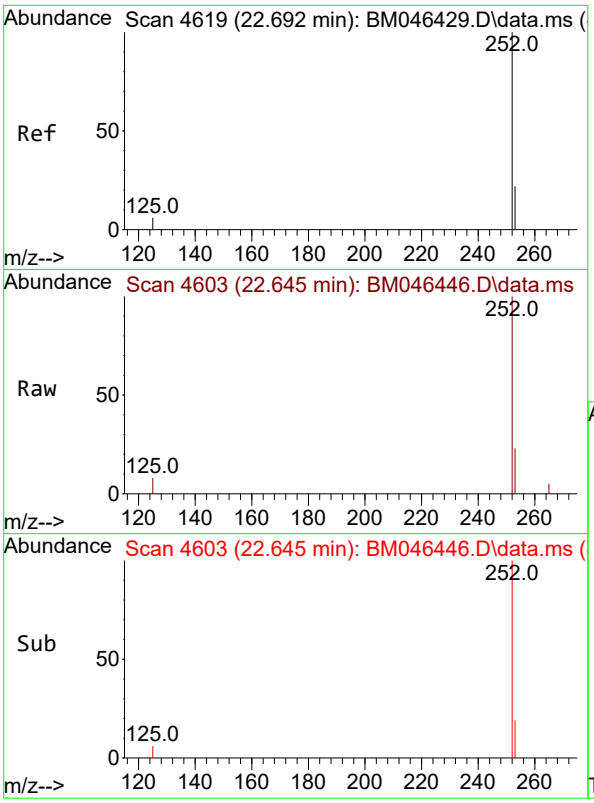


#24
Benzo(b)fluoranthene
Concen: 3.180 ng/ul
RT: 22.645 min Scan# 4603
Delta R.T. -0.018 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Tgt Ion:252 Resp: 209180

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	47.0
125	7.5	0.0	18.4



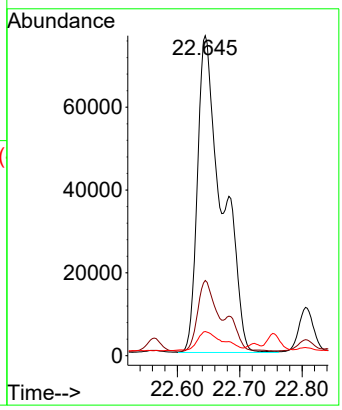


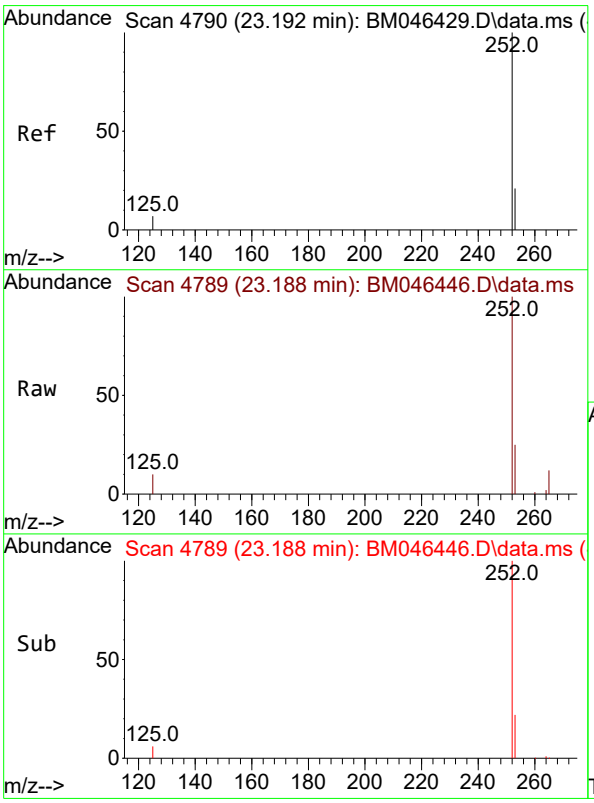
#25
Benzo(k)fluoranthene
Concen: 3.150 ng/ul
RT: 22.645 min Scan# 4
Delta R.T. -0.062 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Instrument :
BNA_M
ClientSampleId :
A4CF0DL

Tgt Ion:252 Resp: 209180

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	7.5	7.5	11.3

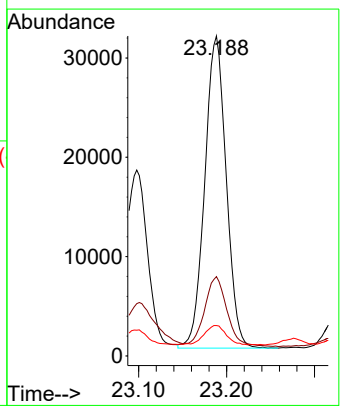


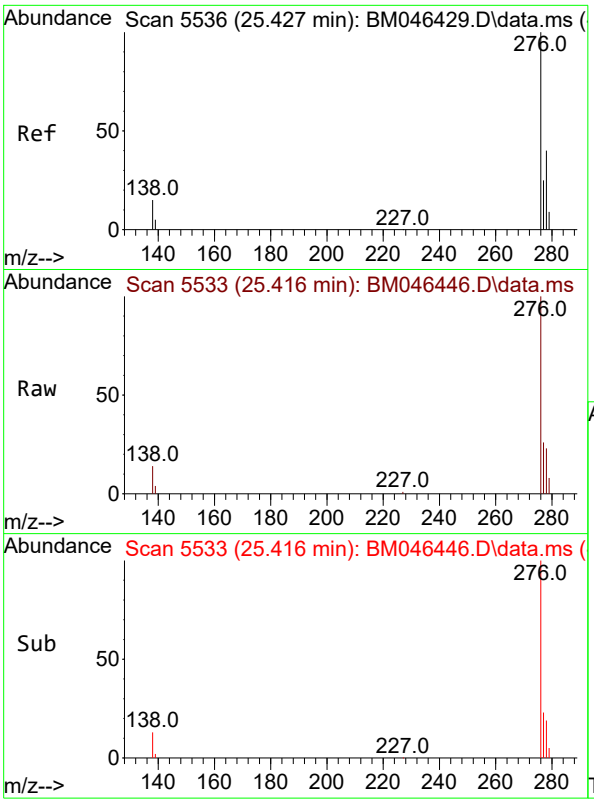


#26
Benzo(a)pyrene
Concen: 1.027 ng/ul
RT: 23.188 min Scan# 4789
Delta R.T. -0.021 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Tgt Ion:252 Resp: 53375

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.9	28.3
125	9.5	8.1	12.1



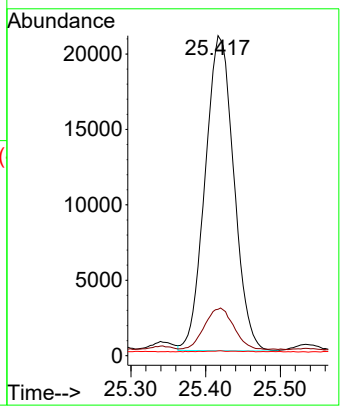


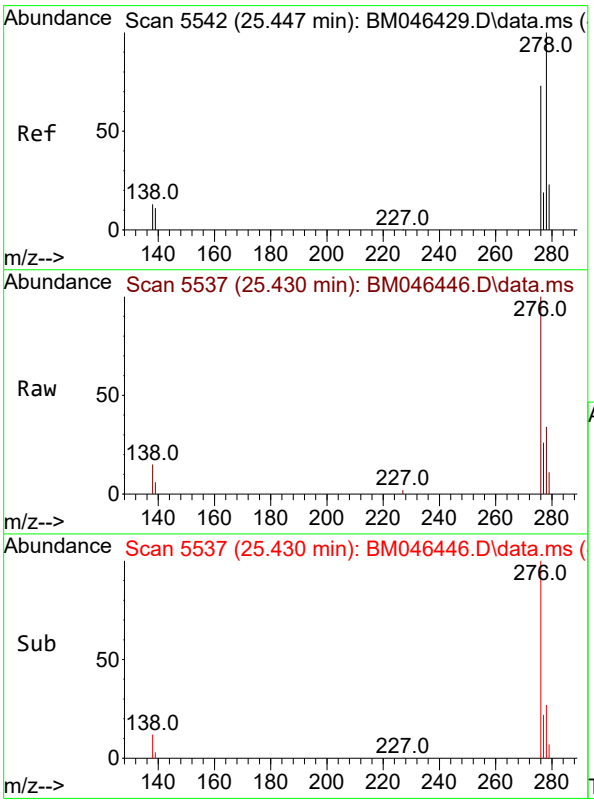
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.795 ng/ul
RT: 25.416 min Scan# 5
Delta R.T. -0.031 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Instrument :
BNA_M
ClientSampleId :
A4CF0DL

Tgt Ion:276 Resp: 55863

Ion	Ratio	Lower	Upper
276	100		
138	13.2	15.7	23.5#
227	0.1	0.1	0.1#

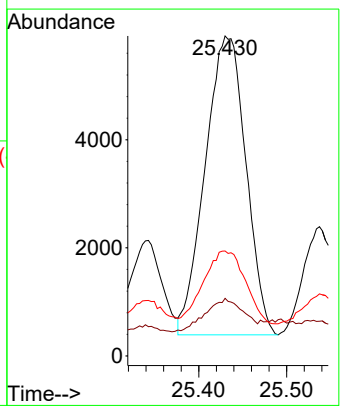


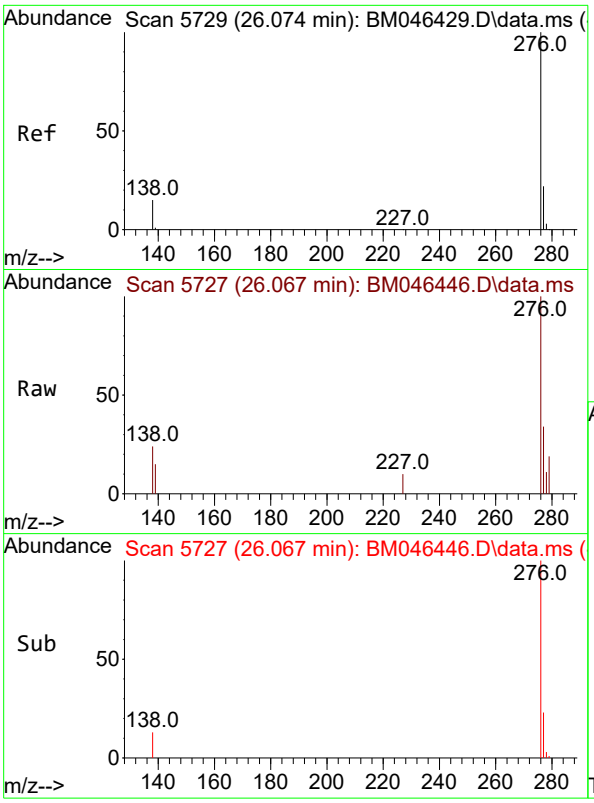


#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 25.430 min Scan# 5537
Delta R.T. -0.044 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Tgt Ion:278 Resp: 17804

Ion	Ratio	Lower	Upper
278	100		
139	18.0	12.6	18.8
279	32.8	20.7	31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.153 ng/ul
RT: 26.067 min Scan# 5
Delta R.T. -0.024 min
Lab File: BM046446.D
Acq: 08 Jul 2024 21:18

Instrument :
BNA_M
ClientSampleId :
A4CF0DL

Tgt Ion:276 Resp: 8554

Ion	Ratio	Lower	Upper
276	100		
138	23.8	15.4	23.0#
277	33.7	19.7	29.5#