Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046547.D
Acq On : 12 Jul 2024 14:47
Operator : MA/JU
Sample : P3087-04DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4DP9DL

Quant Time: Jul 12 15:21:13 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 : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	1948	0.400	ng/ul	0.00
4) Naphthalene-d8	10.271	136	4751	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.155	164	3007	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	6480	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	5187	0.400	ng/ul	0.00
23) Perylene-d12	23.250	264	6370	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.126	96	77	0.048	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	192	0.025	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	456	0.029	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.321	128	15134	1.252	ng/ul	96
10) Acenaphthylene	13.868	152	15619	1.141	ng/ul	97
11) Acenaphthene	14.215	153	9409	1.026	ng/ul	96
12) Fluorene	15.210	166	6159	0.543	ng/ul	98
15) Phenanthrene	16.947	178	10309	0.557	ng/ul	98
16) Anthracene	17.036	178	7151	0.396	ng/ul	98
19) Fluoranthene	18.970	202	13935	0.654	ng/ul	98
20) Pyrene	19.337	202	16835	0.730	ng/ul#	97
21) Benzo(a)anthracene	21.093	228	4667	0.203	ng/ul	99
22) Chrysene	21.146	228	8556	0.385	ng/ul	98
24) Benzo(b)fluoranthene	22.618	252	10991	0.432	ng/ul	96
25) Benzo(k)fluoranthene	22.659	252	9066	0.363	ng/ul	98
26) Benzo(a)pyrene	23.159	252	11552	0.552	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.370	276	15170	0.476	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.393	278	9885	0.392	ng/ul	99
29) Benzo(g,h,i)perylene	26.014	276	10532	0.414	ng/ul	99

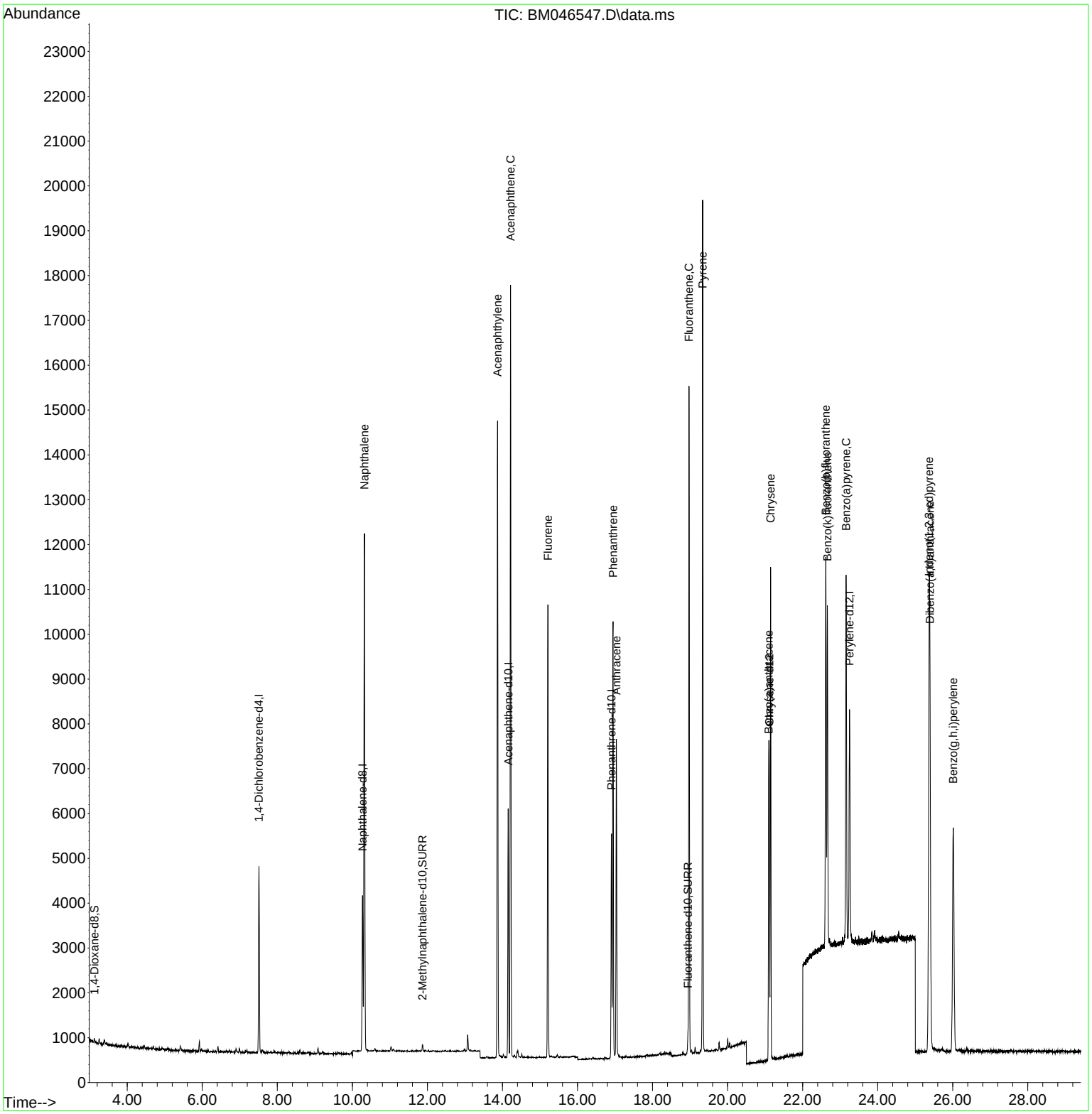
(#) = qualifier out of range (m) = manual integration (+) = signals summed

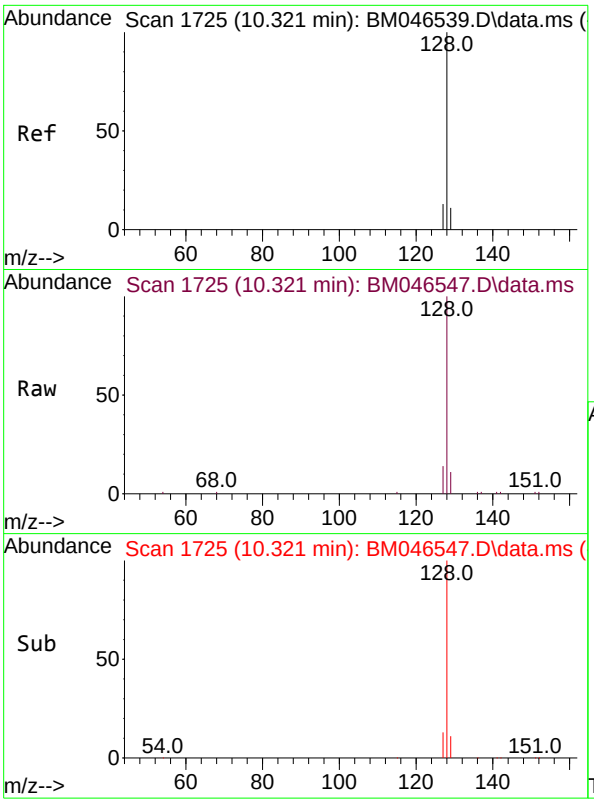
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046547.D
Acq On : 12 Jul 2024 14:47
Operator : MA/JU
Sample : P3087-04DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4DP9DL

Quant Time: Jul 12 15:21:13 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 : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration



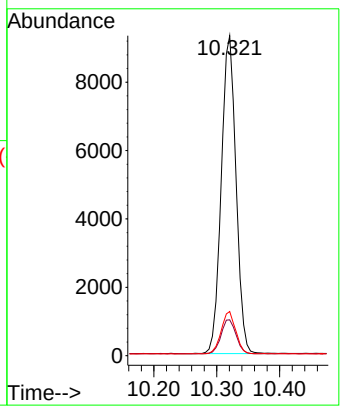


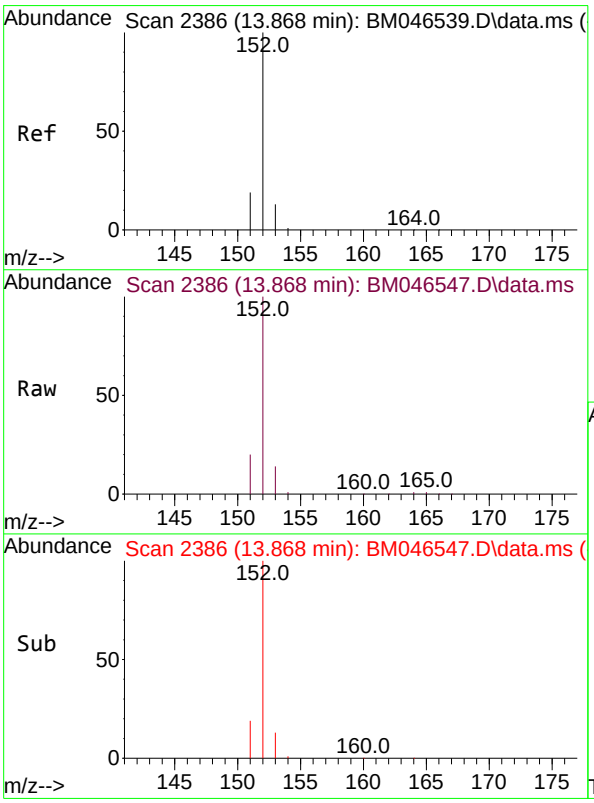
#5
Naphthalene
Concen: 1.252 ng/ul
RT: 10.321 min Scan# 1
Delta R.T. -0.004 min
Lab File: BM046547.D
Acq: 12 Jul 2024 14:47

Instrument :
BNA_M
ClientSampleId :
A4DP9DL

Tgt Ion:128 Resp: 15134

Ion	Ratio	Lower	Upper
128	100		
129	11.2	10.3	15.5
127	13.8	12.2	18.4

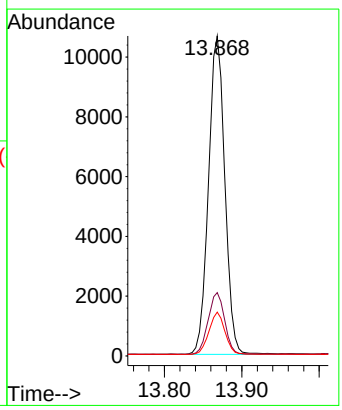


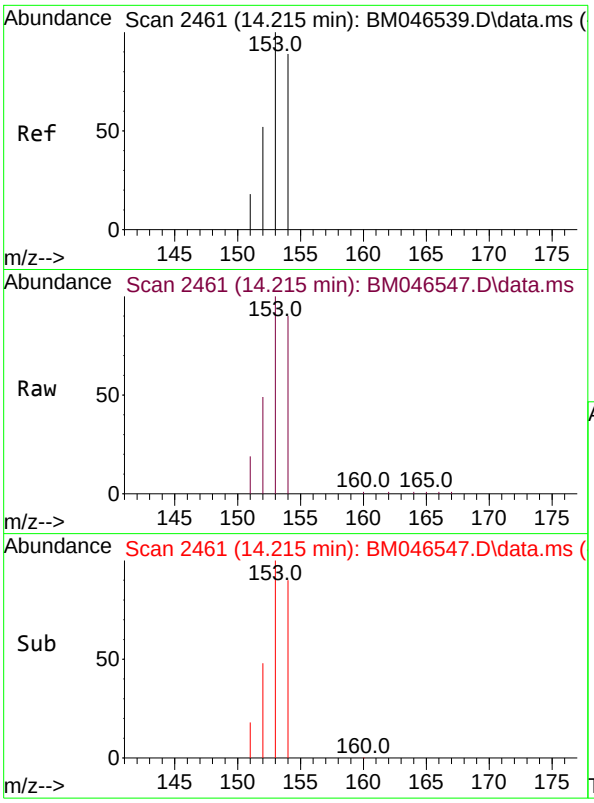


#10
Acenaphthylene
Concen: 1.141 ng/ul
RT: 13.868 min Scan# 2386
Delta R.T. -0.003 min
Lab File: BM046547.D
Acq: 12 Jul 2024 14:47

Tgt Ion:152 Resp: 15619

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.4	24.6
153	13.7	12.4	18.6



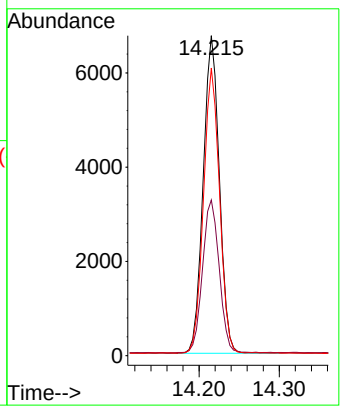


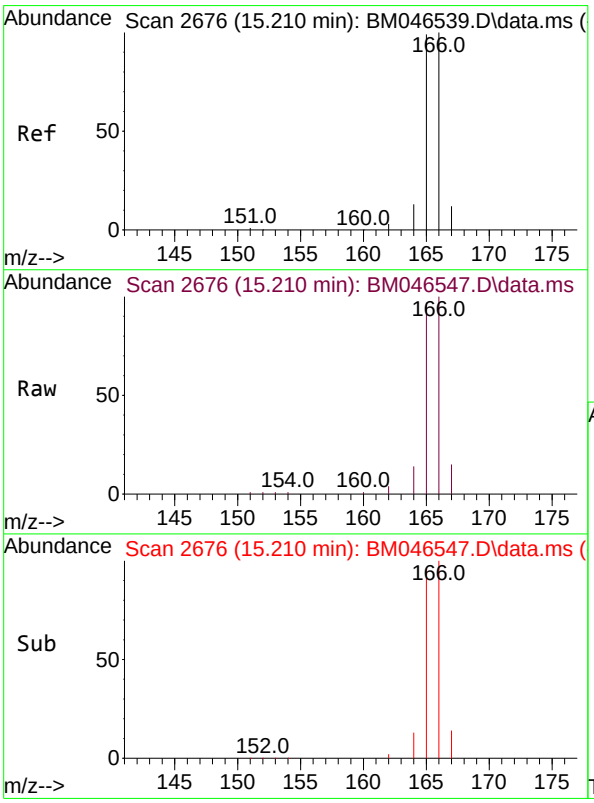
#11
Acenaphthene
Concen: 1.026 ng/ul
RT: 14.215 min Scan# 24
Delta R.T. -0.003 min
Lab File: BM046547.D
Acq: 12 Jul 2024 14:47

Instrument :
BNA_M
ClientSampleId :
A4DP9DL

Tgt Ion:153 Resp: 9409

Ion	Ratio	Lower	Upper
153	100		
152	48.7	43.0	64.6
154	89.9	69.9	104.9

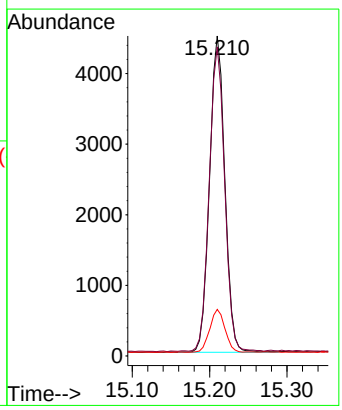


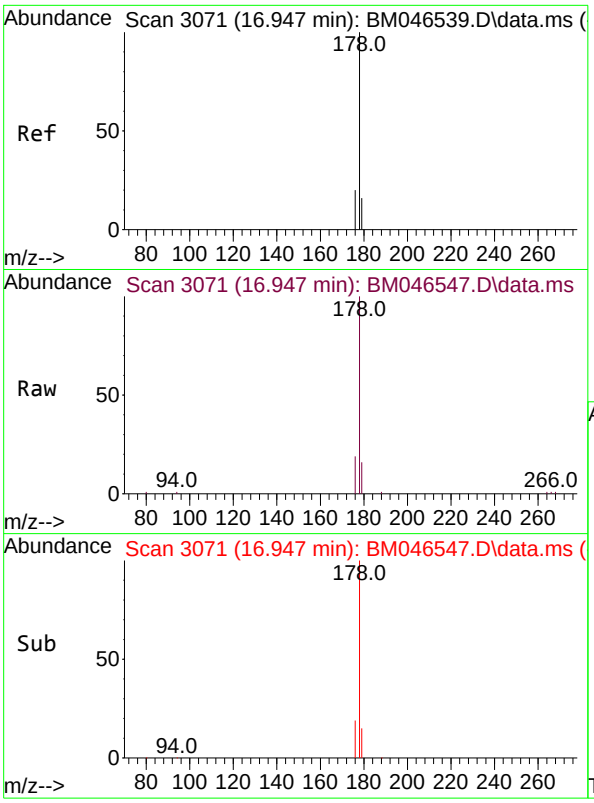


#12
Fluorene
Concen: 0.543 ng/ul
RT: 15.210 min Scan# 2676
Delta R.T. -0.003 min
Lab File: BM046547.D
Acq: 12 Jul 2024 14:47

Tgt Ion:166 Resp: 6159

Ion	Ratio	Lower	Upper
166	100		
165	96.6	76.1	114.1
167	14.6	12.5	18.7



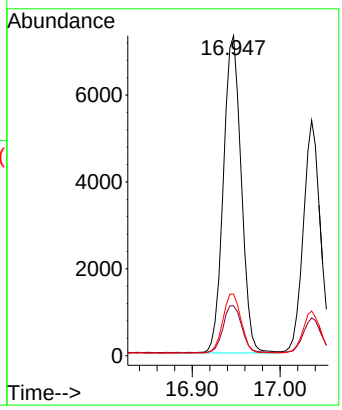


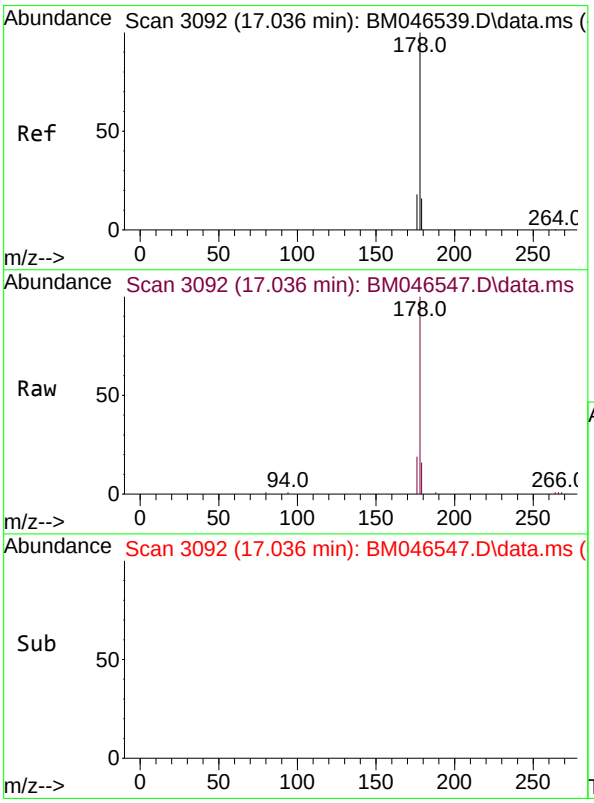
#15
Phenanthrene
Concen: 0.557 ng/ul
RT: 16.947 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM046547.D
Acq: 12 Jul 2024 14:47

Instrument :
BNA_M
ClientSampleId :
A4DP9DL

Tgt Ion:178 Resp: 10309

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.1	19.7
176	19.3	16.0	24.0

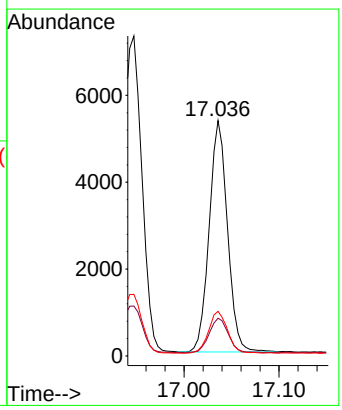


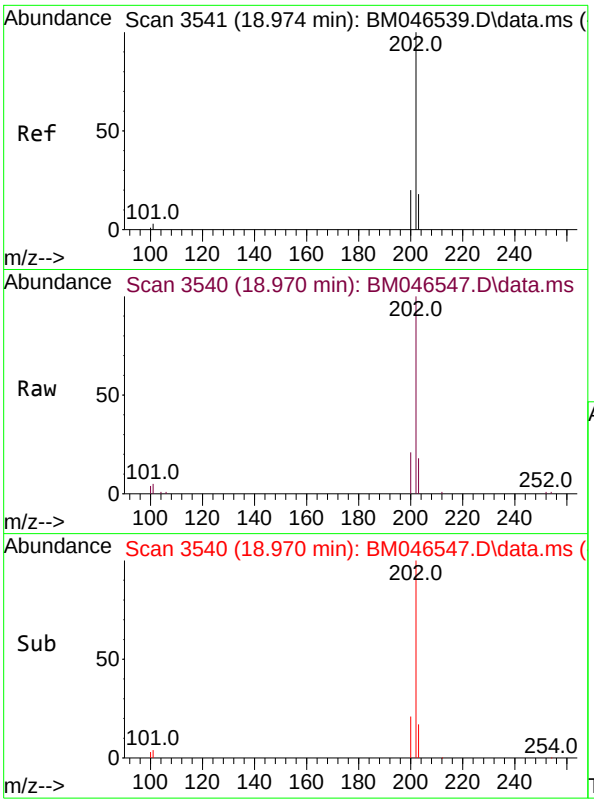


#16
Anthracene
Concen: 0.396 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. -0.003 min
Lab File: BM046547.D
Acq: 12 Jul 2024 14:47

Tgt Ion:178 Resp: 7151

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.5	20.3
176	19.0	15.7	23.5



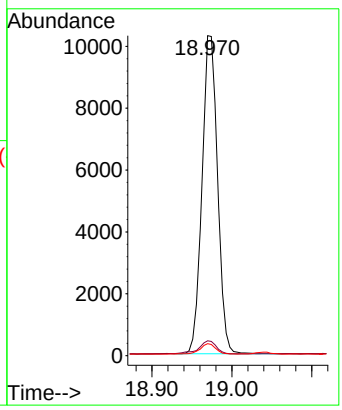


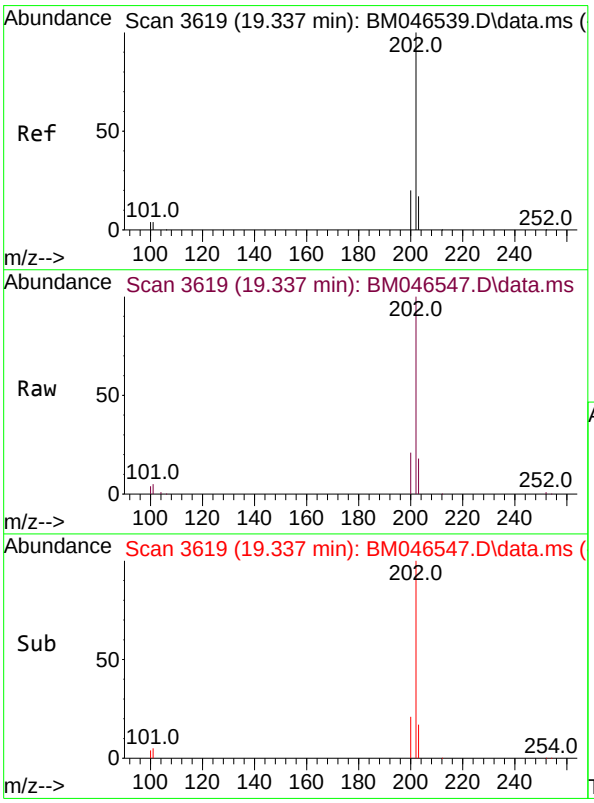
#19
Fluoranthene
Concen: 0.654 ng/ul
RT: 18.970 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM046547.D
Acq: 12 Jul 2024 14:47

Instrument :
BNA_M
ClientSampleId :
A4DP9DL

Tgt Ion:202 Resp: 13935

Ion	Ratio	Lower	Upper
202	100		
101	4.6	4.6	6.8
100	3.7	3.0	4.6

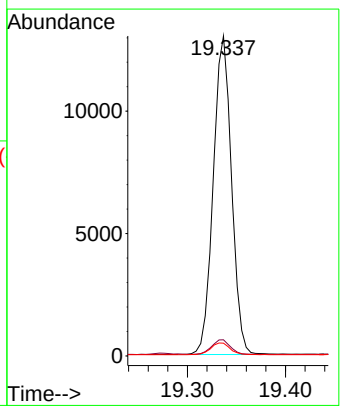


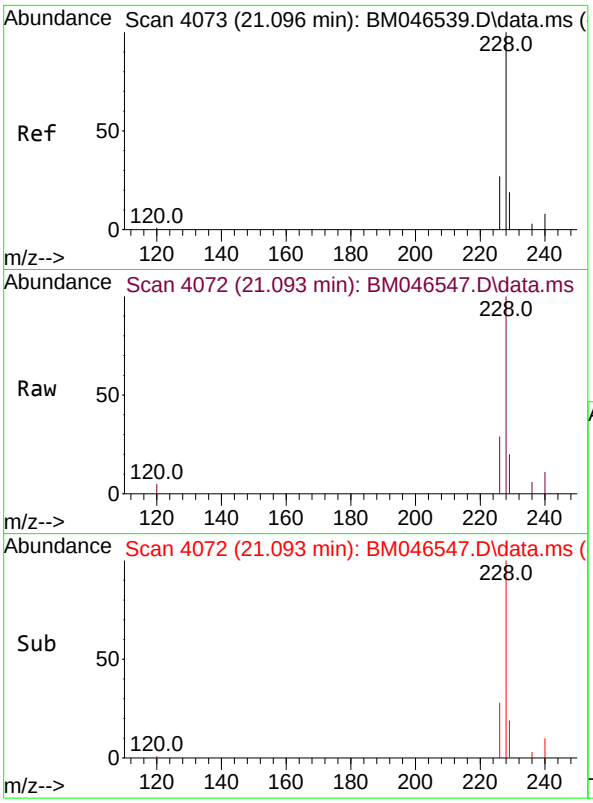


#20
Pyrene
Concen: 0.730 ng/ul
RT: 19.337 min Scan# 3619
Delta R.T. -0.003 min
Lab File: BM046547.D
Acq: 12 Jul 2024 14:47

Tgt Ion:202 Resp: 16835

Ion	Ratio	Lower	Upper
202	100		
101	5.1	5.1	7.7#
100	4.0	3.8	5.6



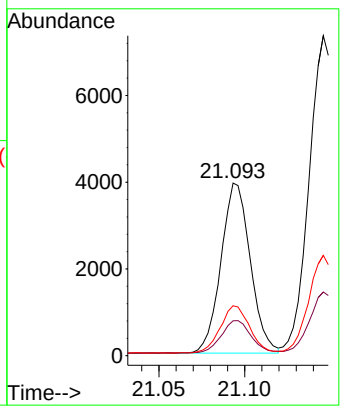


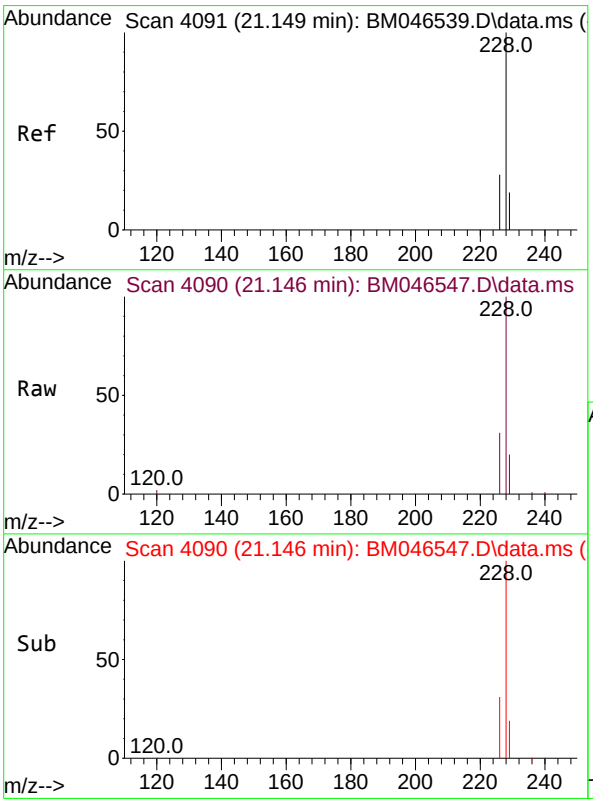
#21
Benzo(a)anthracene
Concen: 0.203 ng/ul
RT: 21.093 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046547.D
Acq: 12 Jul 2024 14:47

Instrument :
BNA_M
ClientSampleId :
A4DP9DL

Tgt Ion:228 Resp: 4667

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.5	24.7
226	29.0	22.5	33.7

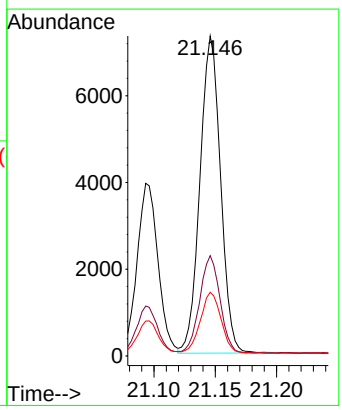


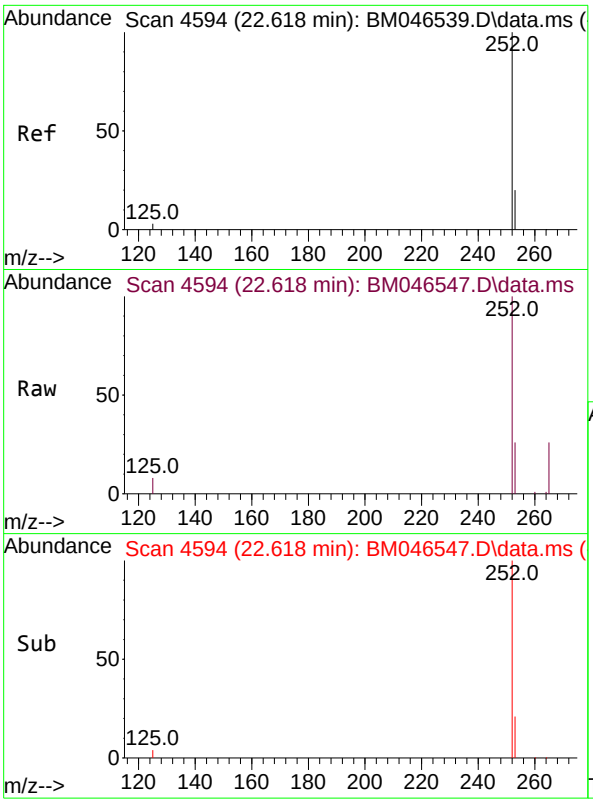


#22
Chrysene
Concen: 0.385 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. -0.003 min
Lab File: BM046547.D
Acq: 12 Jul 2024 14:47

Tgt Ion:228 Resp: 8556

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.3	36.5
229	19.9	16.4	24.6



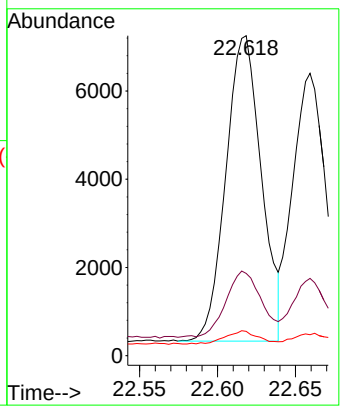


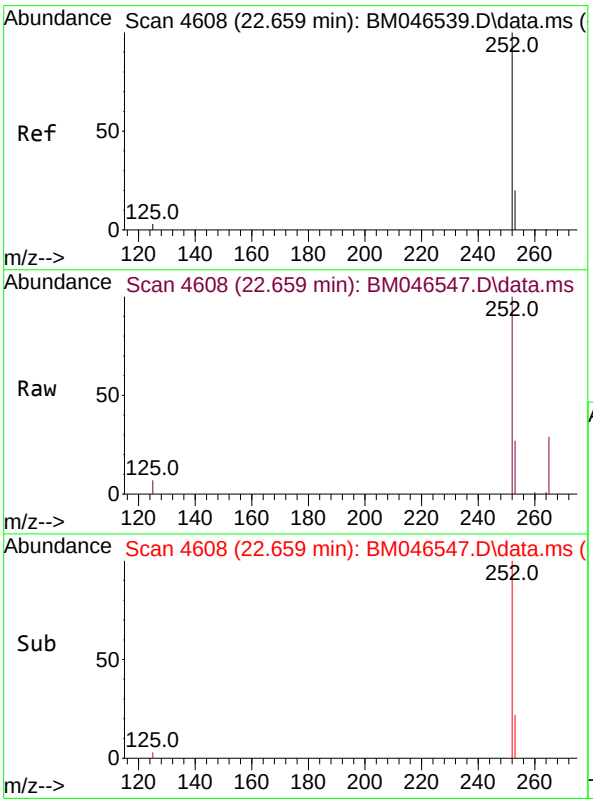
#24
Benzo(b)fluoranthene
Concen: 0.432 ng/ul
RT: 22.618 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046547.D
Acq: 12 Jul 2024 14:47

Instrument :
BNA_M
ClientSampleId :
A4DP9DL

Tgt Ion:252 Resp: 10991

Ion	Ratio	Lower	Upper
252	100		
253	25.7	0.0	56.2
125	7.6	0.0	17.8

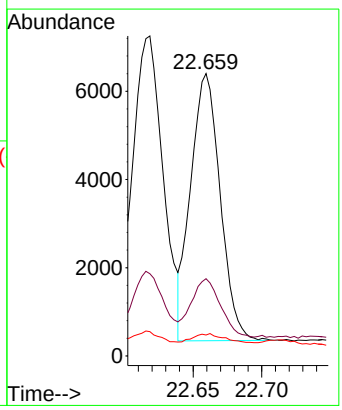


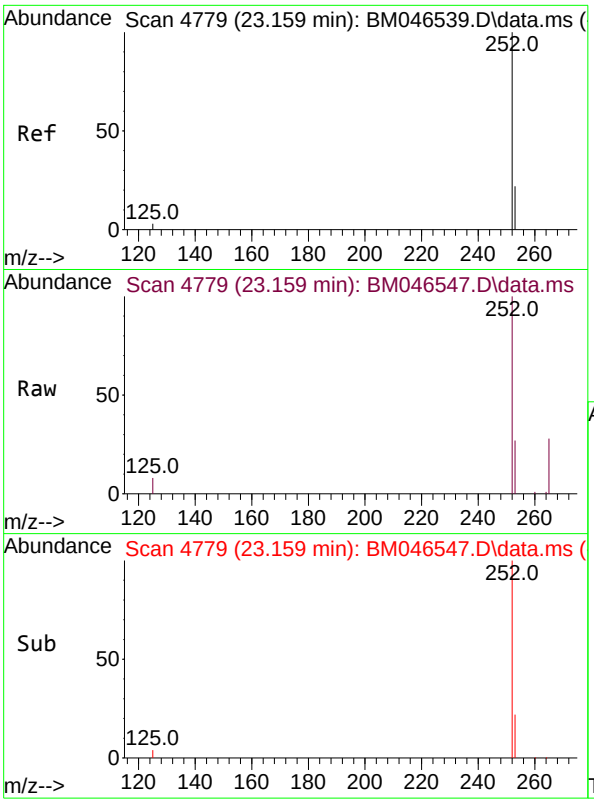


#25
Benzo(k)fluoranthene
Concen: 0.363 ng/ul
RT: 22.659 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM046547.D
Acq: 12 Jul 2024 14:47

Tgt Ion:252 Resp: 9066

Ion	Ratio	Lower	Upper
252	100		
253	27.3	22.4	33.6
125	7.4	7.0	10.4



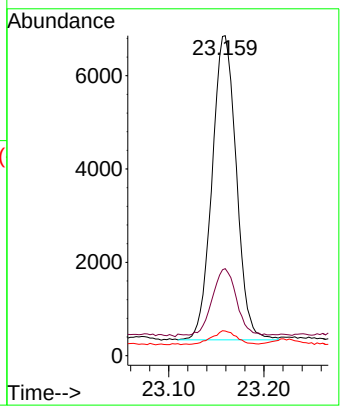


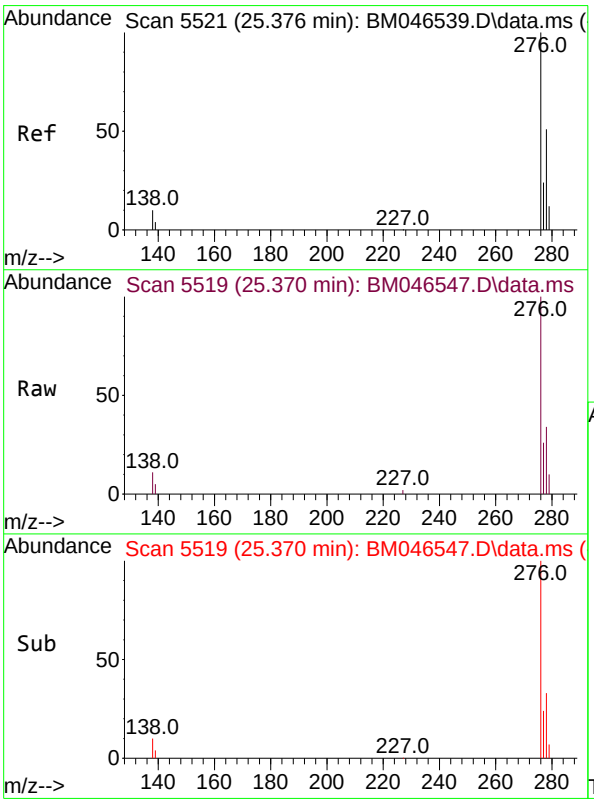
#26
Benzo(a)pyrene
Concen: 0.552 ng/ul
RT: 23.159 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046547.D
Acq: 12 Jul 2024 14:47

Instrument :
BNA_M
ClientSampleId :
A4DP9DL

Tgt Ion:252 Resp: 11552

Ion	Ratio	Lower	Upper
252	100		
253	27.2	24.0	36.0
125	7.7	8.2	12.2#

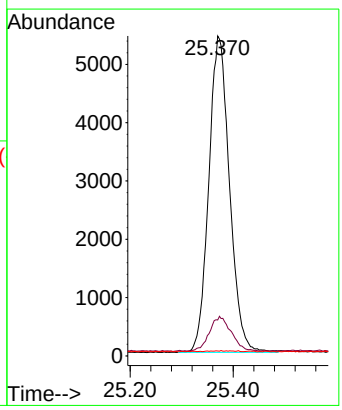


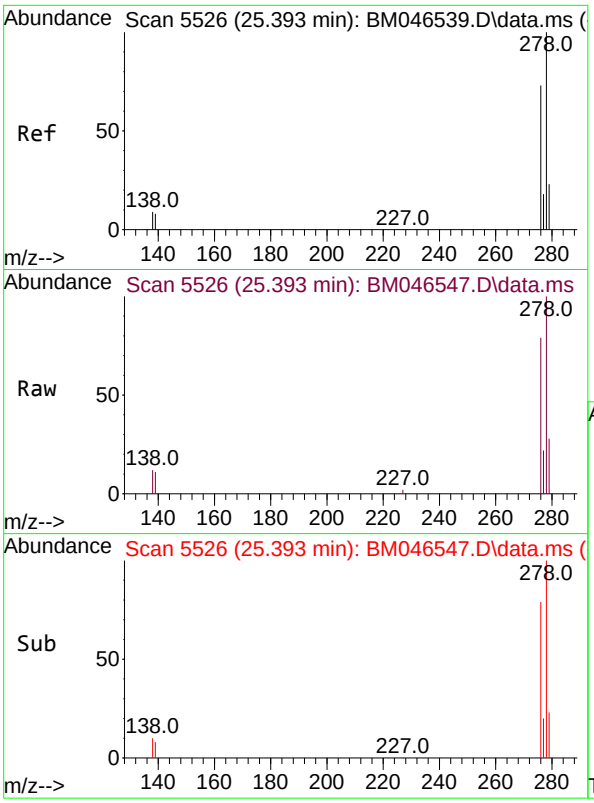


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.476 ng/ul
RT: 25.370 min Scan# 5519
Delta R.T. -0.014 min
Lab File: BM046547.D
Acq: 12 Jul 2024 14:47

Tgt Ion:276 Resp: 15170

Ion	Ratio	Lower	Upper
276	100		
138	11.4	0.0	0.0#
227	0.1	0.2	0.2#



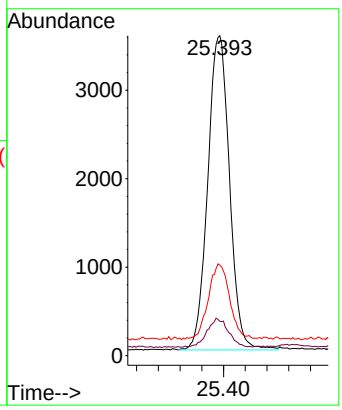


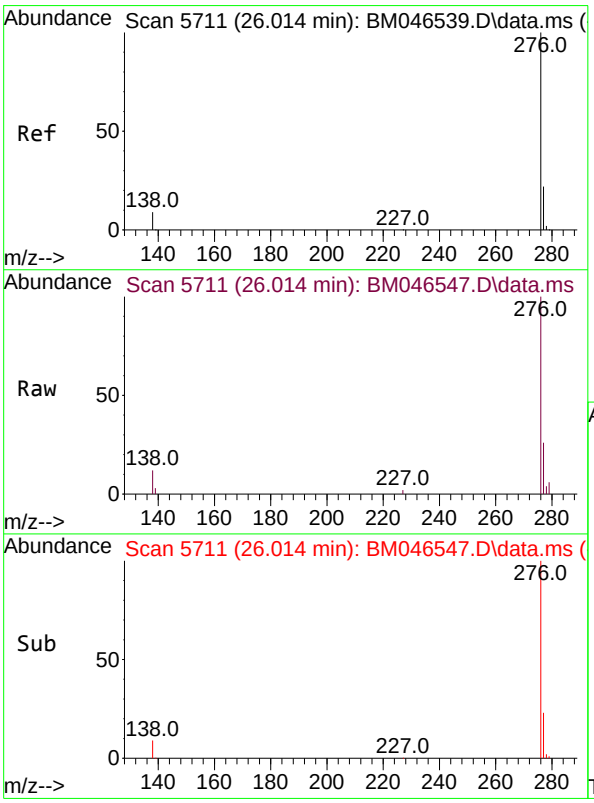
#28
Dibenzo(a,h)anthracene
Concen: 0.392 ng/ul
RT: 25.393 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM046547.D
Acq: 12 Jul 2024 14:47

Instrument :
BNA_M
ClientSampleId :
A4DP9DL

Tgt Ion:278 Resp: 9885

Ion	Ratio	Lower	Upper
278	100		
139	10.8	9.1	13.7
279	28.3	23.2	34.8





#29
Benzo(g,h,i)perylene
Concen: 0.414 ng/ul
RT: 26.014 min Scan# 5711
Delta R.T. -0.007 min
Lab File: BM046547.D
Acq: 12 Jul 2024 14:47

Tgt Ion:276 Resp: 10532

Ion	Ratio	Lower	Upper
276	100		
138	11.6	10.2	15.4
277	25.8	20.9	31.3