Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045962.D
Acq On : 10 Jun 2024 21:59
Operator : MA/JU
Sample : P2642-02DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BH1DL

Quant Time: Jun 10 22:49:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	4367	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.243	136	13637	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.109	164	7086	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	12996	0.400	ng/ul	-0.02
17) Chrysene-d12	21.043	240	10418	0.400	ng/ul	0.00
23) Perylene-d12	23.147	264	13830	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	2931	0.589	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.866	152	563	0.029	ng/ul	0.02
18) Fluoranthene-d10	18.881	212	1077	0.035	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.287	128	1396	0.039	ng/ul#	79
10) Acenaphthylene	13.827	152	785	0.024	ng/ul#	70
11) Acenaphthene	14.174	153	2272	0.096	ng/ul	97
12) Fluorene	15.164	166	2346	0.089	ng/ul#	97
15) Phenanthrene	16.892	178	37546	1.029	ng/ul	99
16) Anthracene	16.985	178	6276	0.202	ng/ul#	92
19) Fluoranthene	18.909	202	45646	1.099	ng/ul	99
20) Pyrene	19.272	202	41874	0.966	ng/ul	97
21) Benzo(a)anthracene	21.026	228	16233	0.424	ng/ul	97
22) Chrysene	21.078	228	16265	0.391	ng/ul	97
24) Benzo(b)fluoranthene	22.528	252	28416	0.619	ng/ul	98
25) Benzo(k)fluoranthene	22.528	252	28416	0.564	ng/ul	97
26) Benzo(a)pyrene	23.054	252	14967	0.328	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.212	276	10605	0.180	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.212	278	2120	0.045	ng/ul#	40
29) Benzo(g,h,i)perylene	25.832	276	10800	0.212	ng/ul	96

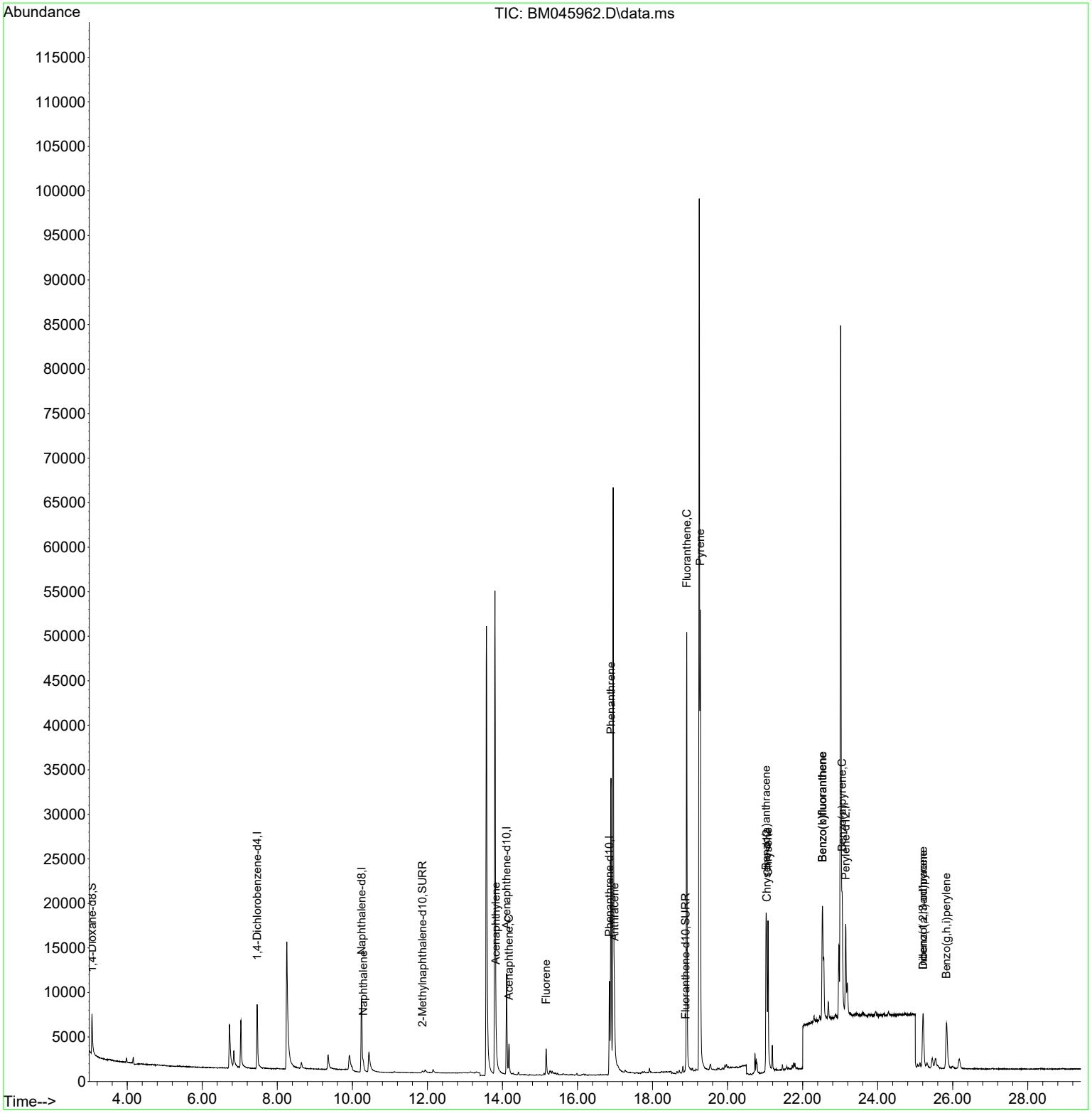
(#) = qualifier out of range (m) = manual integration (+) = signals summed

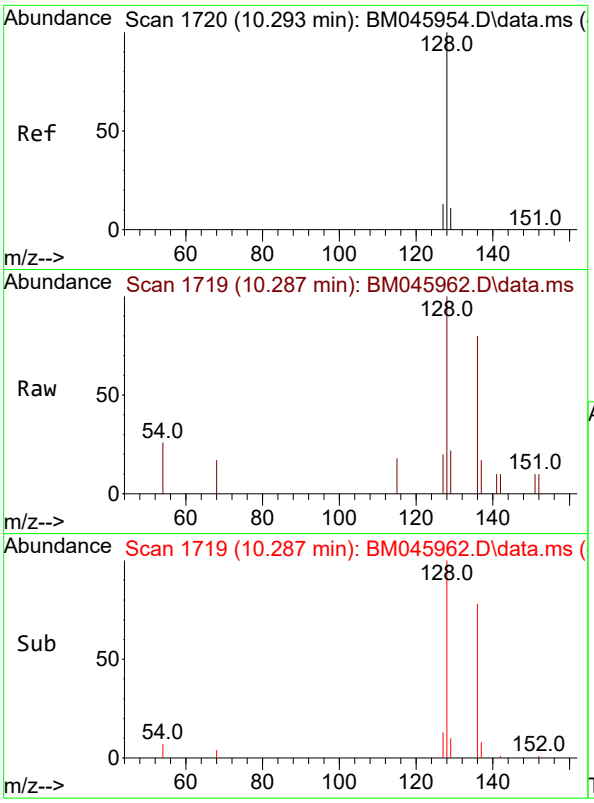
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045962.D
Acq On : 10 Jun 2024 21:59
Operator : MA/JU
Sample : P2642-02DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BH1DL

Quant Time: Jun 10 22:49:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration



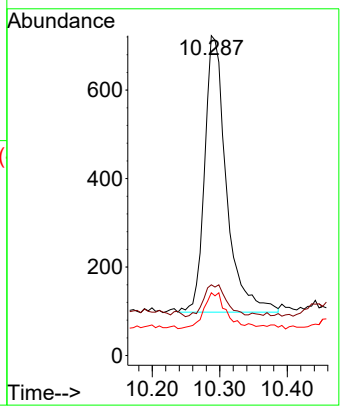


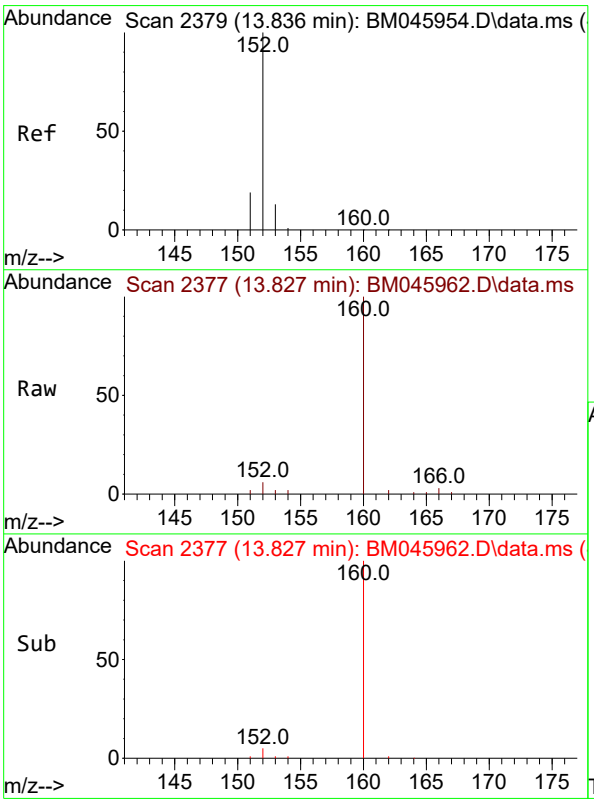
#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.287 min Scan# 1
Delta R.T. -0.015 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

Instrument :
BNA_M
ClientSampleId :
A4BH1DL

Tgt Ion:128 Resp: 1396

Ion	Ratio	Lower	Upper
128	100		
129	22.1	9.4	14.0#
127	19.6	10.6	15.8#

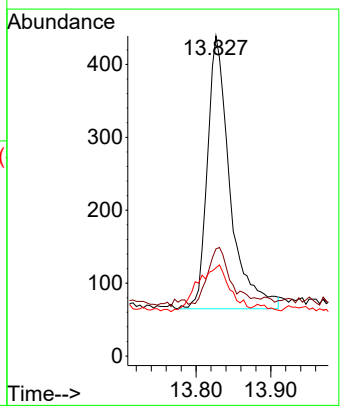


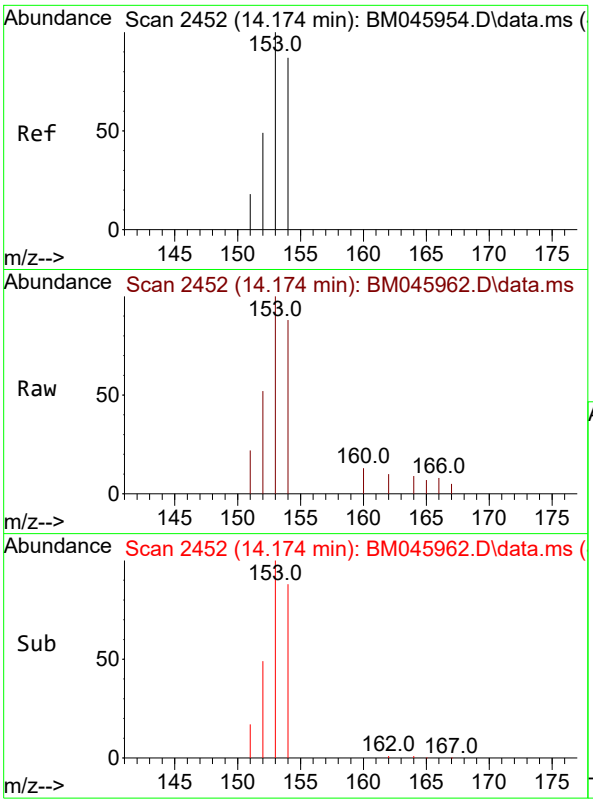


#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 13.827 min Scan# 2377
Delta R.T. -0.013 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

Tgt Ion:152 Resp: 785

Ion	Ratio	Lower	Upper
152	100		
151	33.5	16.4	24.6#
153	27.6	11.1	16.7#



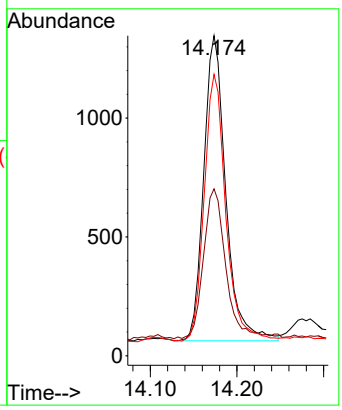


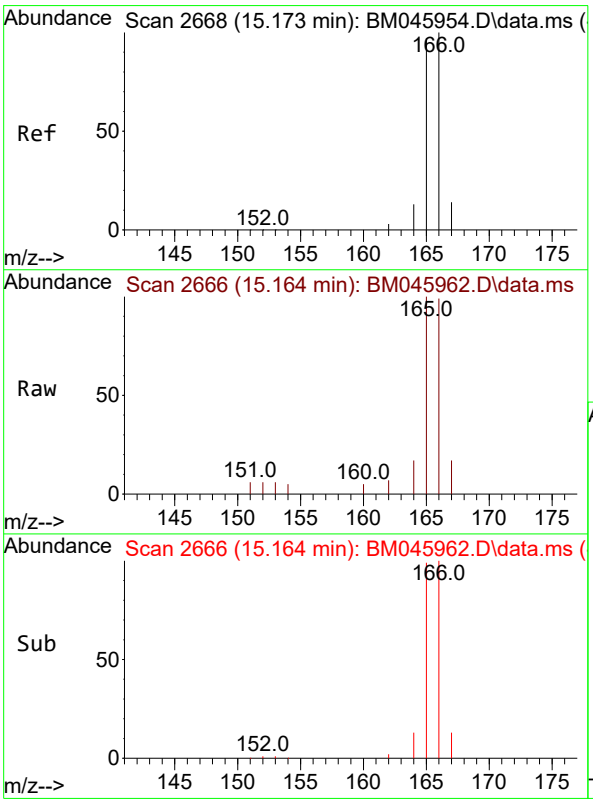
#11
Acenaphthene
Concen: 0.096 ng/ul
RT: 14.174 min Scan# 24
Delta R.T. -0.008 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

Instrument :
BNA_M
ClientSampleId :
A4BH1DL

Tgt Ion:153 Resp: 2272

Ion	Ratio	Lower	Upper
153	100		
152	52.2	39.0	58.4
154	87.9	69.4	104.2

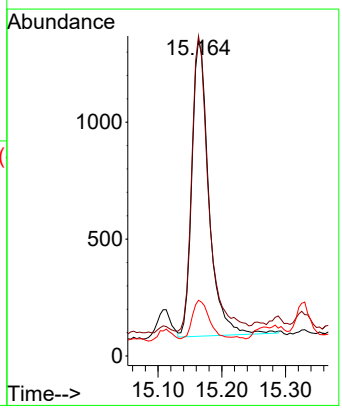


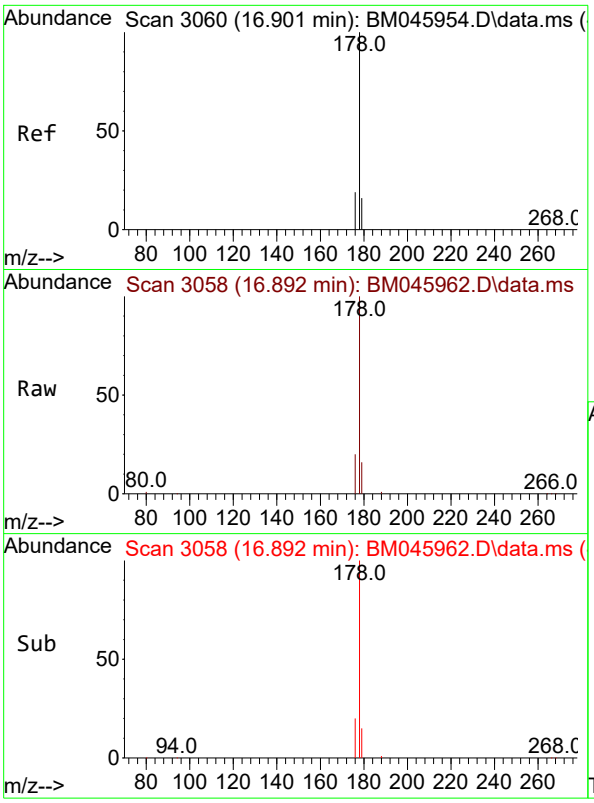


#12
Fluorene
Concen: 0.089 ng/ul
RT: 15.164 min Scan# 2666
Delta R.T. -0.013 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

Tgt Ion:166 Resp: 2346

Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.7	119.5
167	17.6	11.3	16.9#



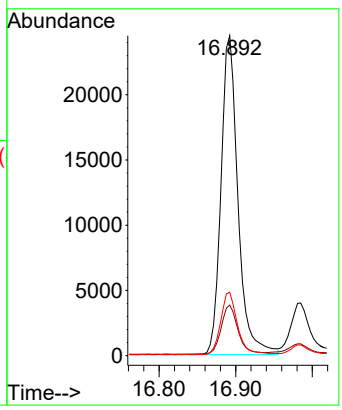


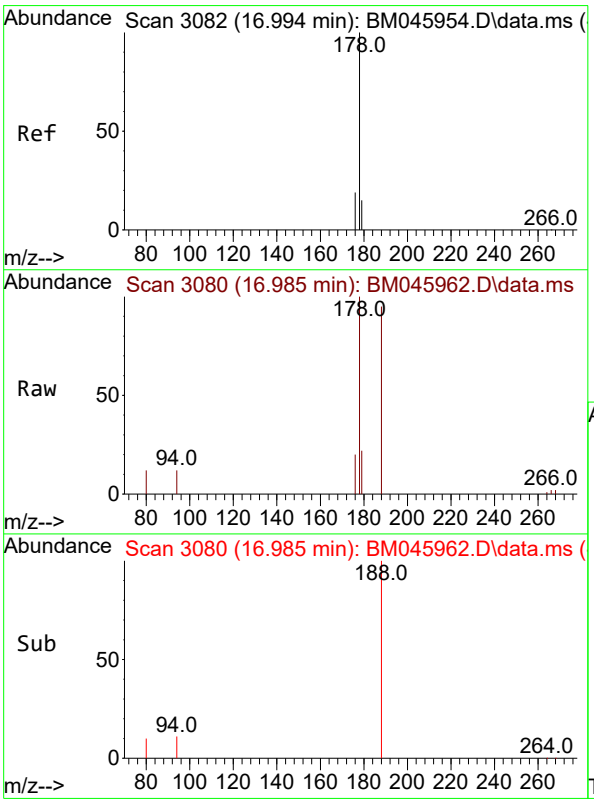
#15
Phenanthrene
Concen: 1.029 ng/ul
RT: 16.892 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

Instrument :
BNA_M
ClientSampleId :
A4BH1DL

Tgt Ion:178 Resp: 37546

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.7	19.1
176	19.9	15.6	23.4

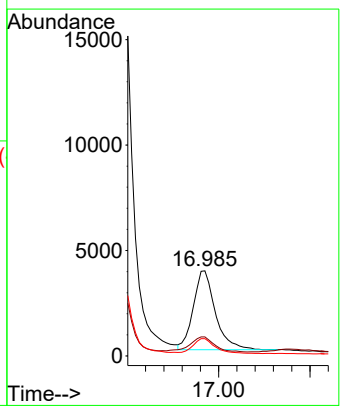


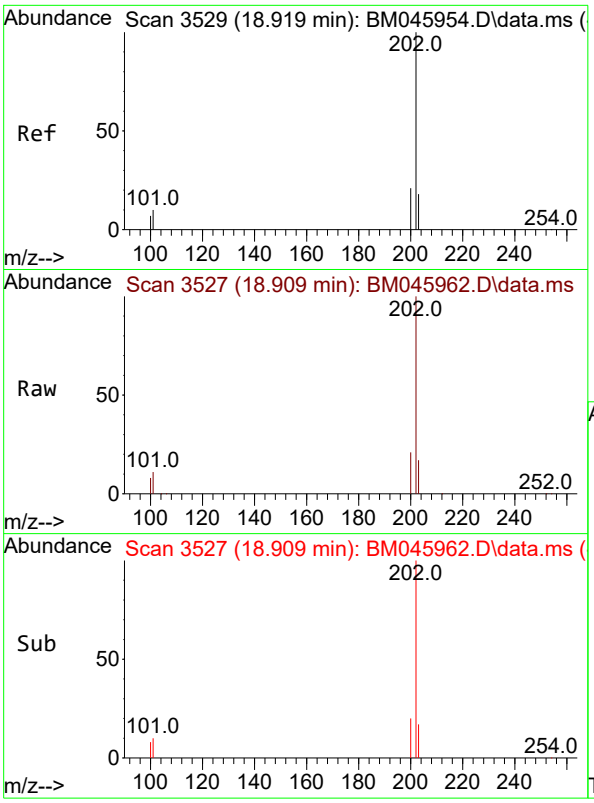


#16
Anthracene
Concen: 0.202 ng/ul
RT: 16.985 min Scan# 3080
Delta R.T. -0.012 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

Tgt Ion:178 Resp: 6276

Ion	Ratio	Lower	Upper
178	100		
179	22.4	13.1	19.7#
176	20.3	15.5	23.3



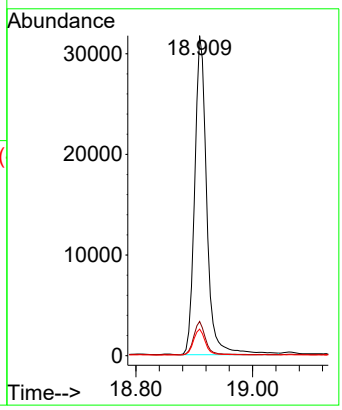


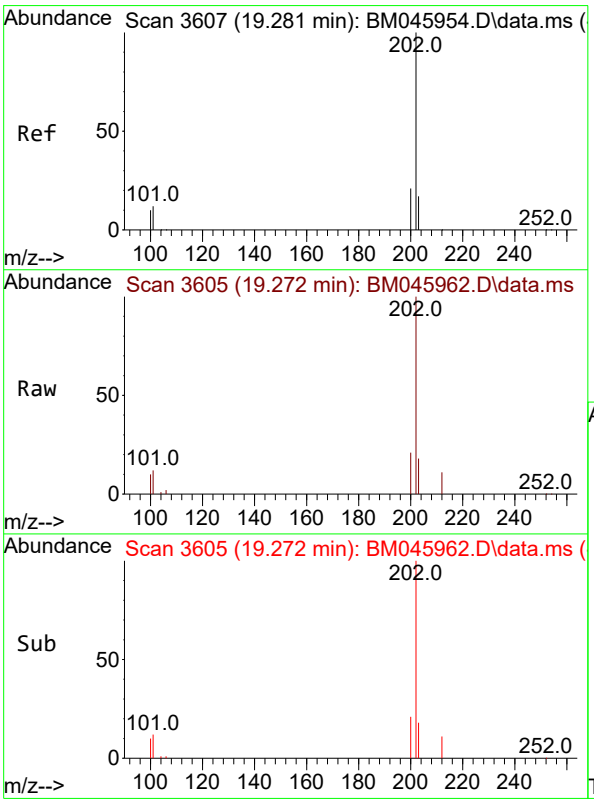
#19
Fluoranthene
Concen: 1.099 ng/ul
RT: 18.909 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

Instrument :
BNA_M
ClientSampleId :
A4BH1DL

Tgt Ion:202 Resp: 45646

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.0	13.6
100	8.3	7.0	10.6

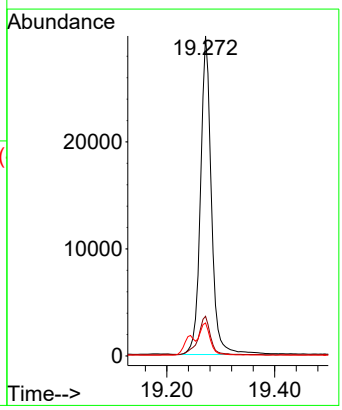


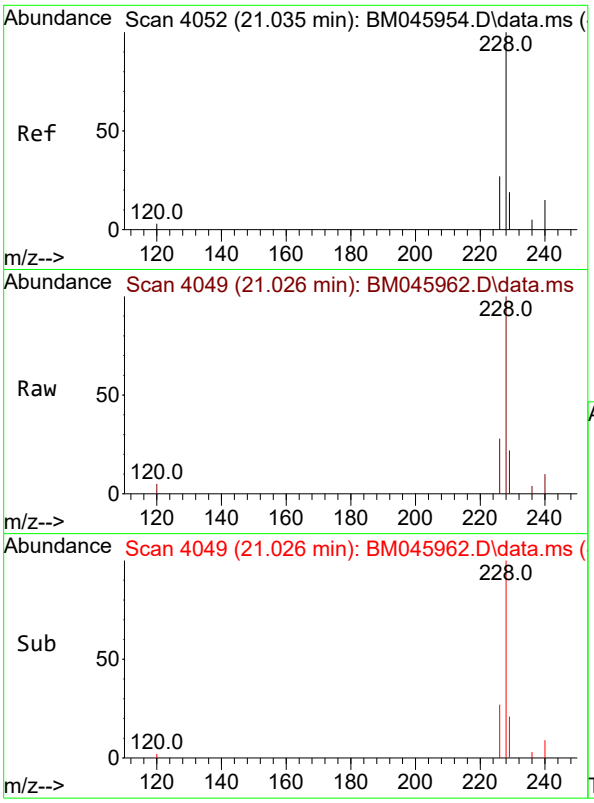


#20
Pyrene
Concen: 0.966 ng/ul
RT: 19.272 min Scan# 3605
Delta R.T. -0.013 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

Tgt Ion:202 Resp: 41874

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.6	16.0
100	10.3	9.1	13.7



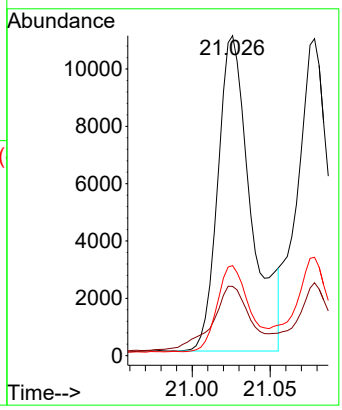


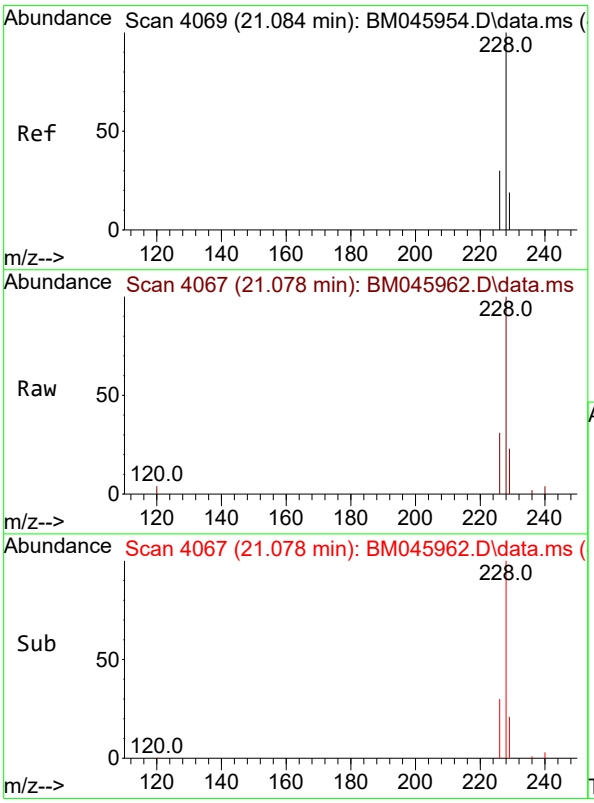
#21
Benzo(a)anthracene
Concen: 0.424 ng/ul
RT: 21.026 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

Instrument :
BNA_M
ClientSampleId :
A4BH1DL

Tgt Ion:228 Resp: 16233

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.7	23.5
226	28.1	22.0	33.0

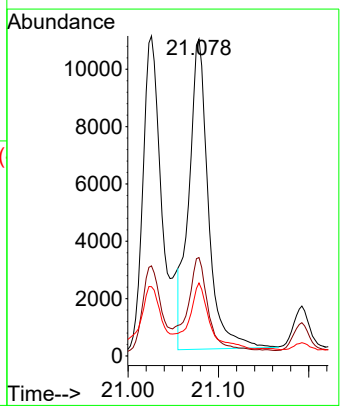


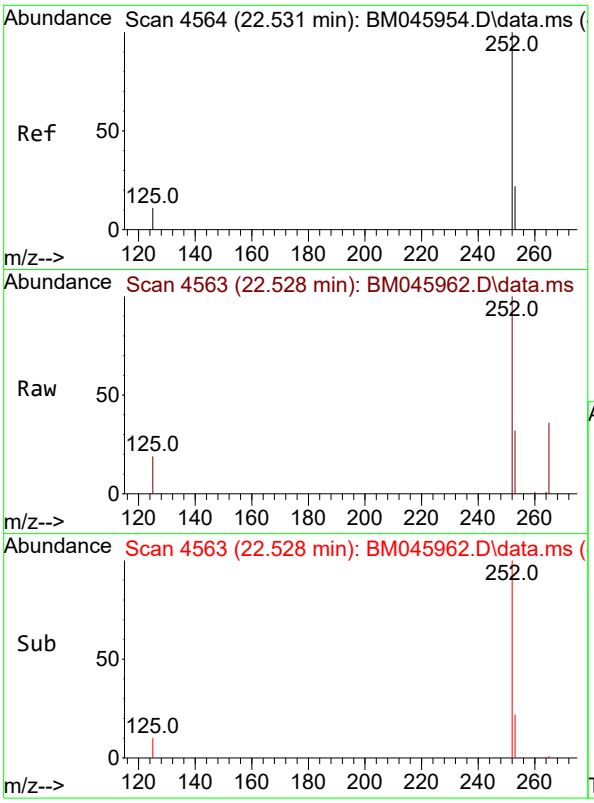


#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.078 min Scan# 4067
Delta R.T. -0.009 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

Tgt Ion:228 Resp: 16265

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	23.0	16.2	24.2



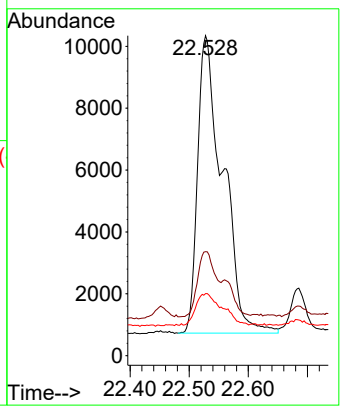


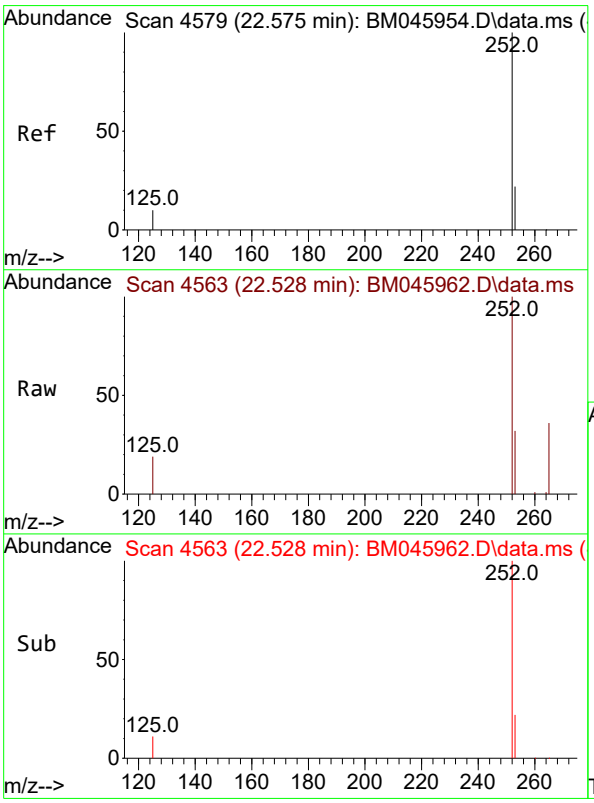
#24
Benzo(b)fluoranthene
Concen: 0.619 ng/ul
RT: 22.528 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

Instrument :
BNA_M
ClientSampleId :
A4BH1DL

Tgt Ion:252 Resp: 28416

Ion	Ratio	Lower	Upper
252	100		
253	32.5	0.0	63.6
125	19.4	0.0	35.8

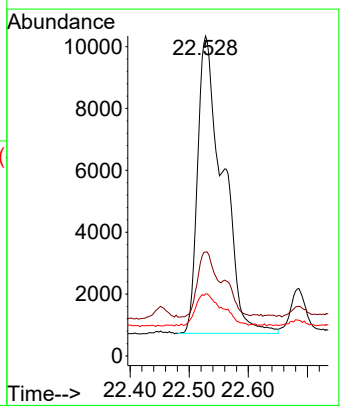


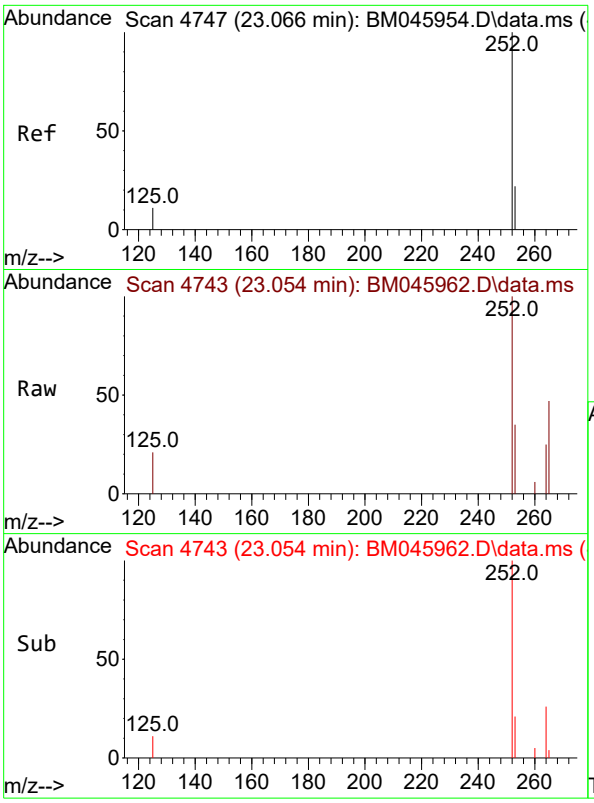


#25
Benzo(k)fluoranthene
Concen: 0.564 ng/ul
RT: 22.528 min Scan# 4563
Delta R.T. -0.053 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

Tgt Ion:252 Resp: 28416

Ion	Ratio	Lower	Upper
252	100		
253	32.5	25.0	37.6
125	19.4	14.2	21.2



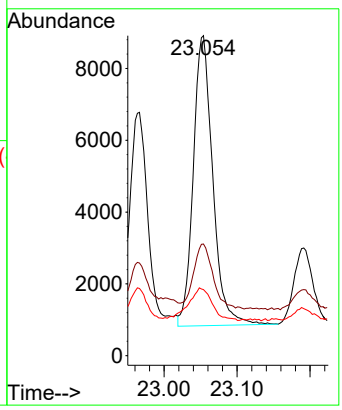


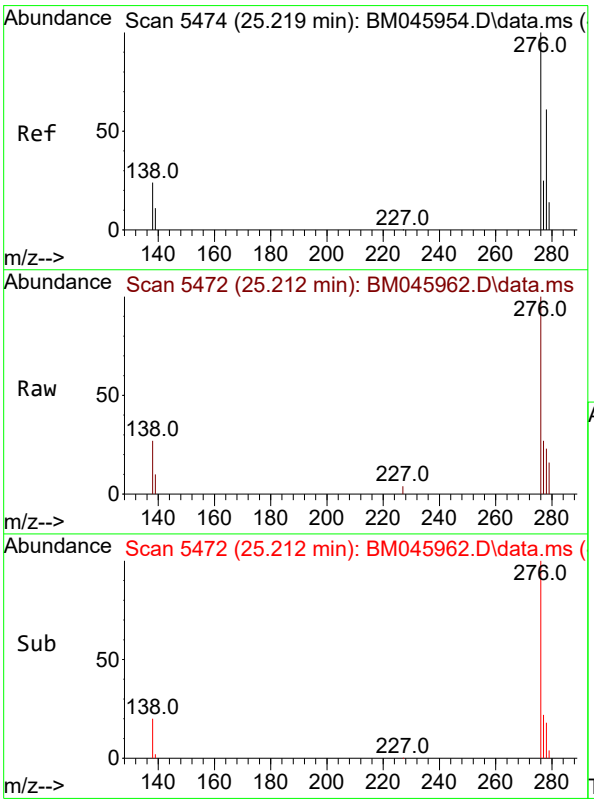
#26
Benzo(a)pyrene
Concen: 0.328 ng/ul
RT: 23.054 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

Instrument :
BNA_M
ClientSampleId :
A4BH1DL

Tgt Ion:252 Resp: 14967

Ion	Ratio	Lower	Upper
252	100		
253	34.9	28.8	43.2
125	20.7	17.3	25.9

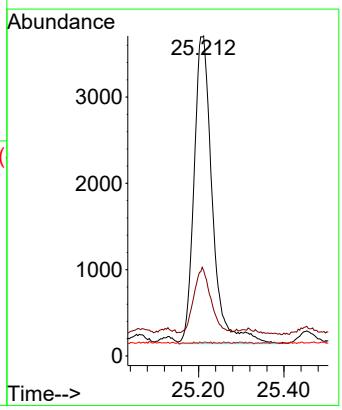


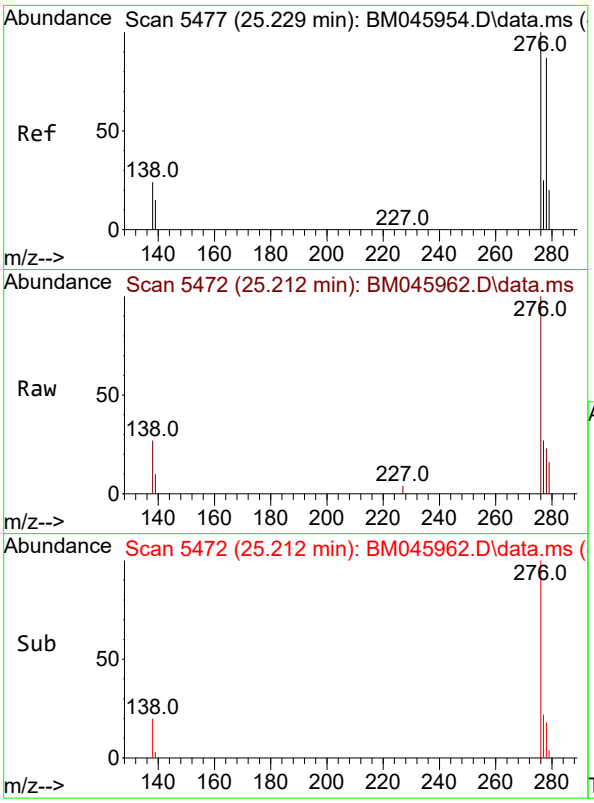


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.180 ng/ul
RT: 25.212 min Scan# 5472
Delta R.T. -0.020 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

Tgt Ion:276 Resp: 10605

Ion	Ratio	Lower	Upper
276	100		
138	19.3	20.7	31.1#
227	0.1	0.2	0.2#



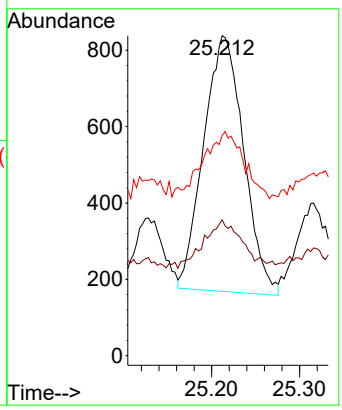


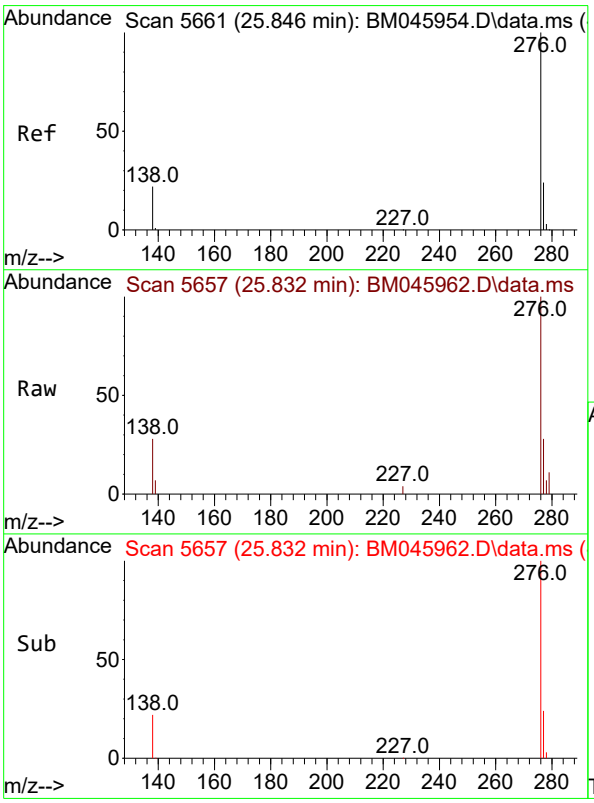
#28
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 25.212 min Scan# 54
Delta R.T. -0.037 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

Instrument :
BNA_M
ClientSampleId :
A4BH1DL

Tgt Ion:278 Resp: 2120

Ion	Ratio	Lower	Upper
278	100		
139	42.5	16.6	25.0#
279	68.7	24.6	37.0#





#29
Benzo(g,h,i)perylene
Concen: 0.212 ng/ul
RT: 25.832 min Scan# 5657
Delta R.T. -0.030 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

Tgt Ion:276 Resp: 10800

Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.0	31.4
277	27.6	20.5	30.7