Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046793.D
Acq On : 25 Jul 2024 10:35
Operator : MA/JU
Sample : P3263-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4DQ6

Quant Time: Jul 25 11:11:46 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 : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	2158	0.400	ng/ul	0.00
4) Naphthalene-d8	10.233	136	5611	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.118	164	3773	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.871	188	8704	0.400	ng/ul	0.00
17) Chrysene-d12	21.082	240	7095	0.400	ng/ul	0.00
23) Perylene-d12	23.209	264	7164	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	574	0.380	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	2298	0.258	ng/ul	0.00
18) Fluoranthene-d10	18.909	212	6850	0.296	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.277	128	194406	13.698	ng/ul	96
10) Acenaphthylene	13.831	152	222587	12.881	ng/ul	97
11) Acenaphthene	14.178	153	137499	11.723	ng/ul	100
12) Fluorene	15.178	166	95042	6.483	ng/ul	96
15) Phenanthrene	16.913	178	156120	6.240	ng/ul	97
16) Anthracene	17.002	178	113447	4.871	ng/ul	99
19) Fluoranthene	18.942	202	223741	7.180	ng/ul#	97
20) Pyrene	19.304	202	274781	8.525	ng/ul	97
21) Benzo(a)anthracene	21.067	228	70473	2.384	ng/ul	99
22) Chrysene	21.120	228	124464	4.144	ng/ul	98
24) Benzo(b)fluoranthene	22.580	252	145002	4.610	ng/ul	90
25) Benzo(k)fluoranthene	22.621	252	121943	3.847	ng/ul#	87
26) Benzo(a)pyrene	23.118	252	144240	6.388	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.313	276	166798	4.800	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.329	278	102264	4.020	ng/ul#	87
29) Benzo(g,h,i)perylene	25.953	276	119777	3.914	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046793.D
Acq On : 25 Jul 2024 10:35
Operator : MA/JU
Sample : P3263-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4DQ6

Quant Time: Jul 25 11:11:46 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 : Wed Jul 24 15:10:37 2024
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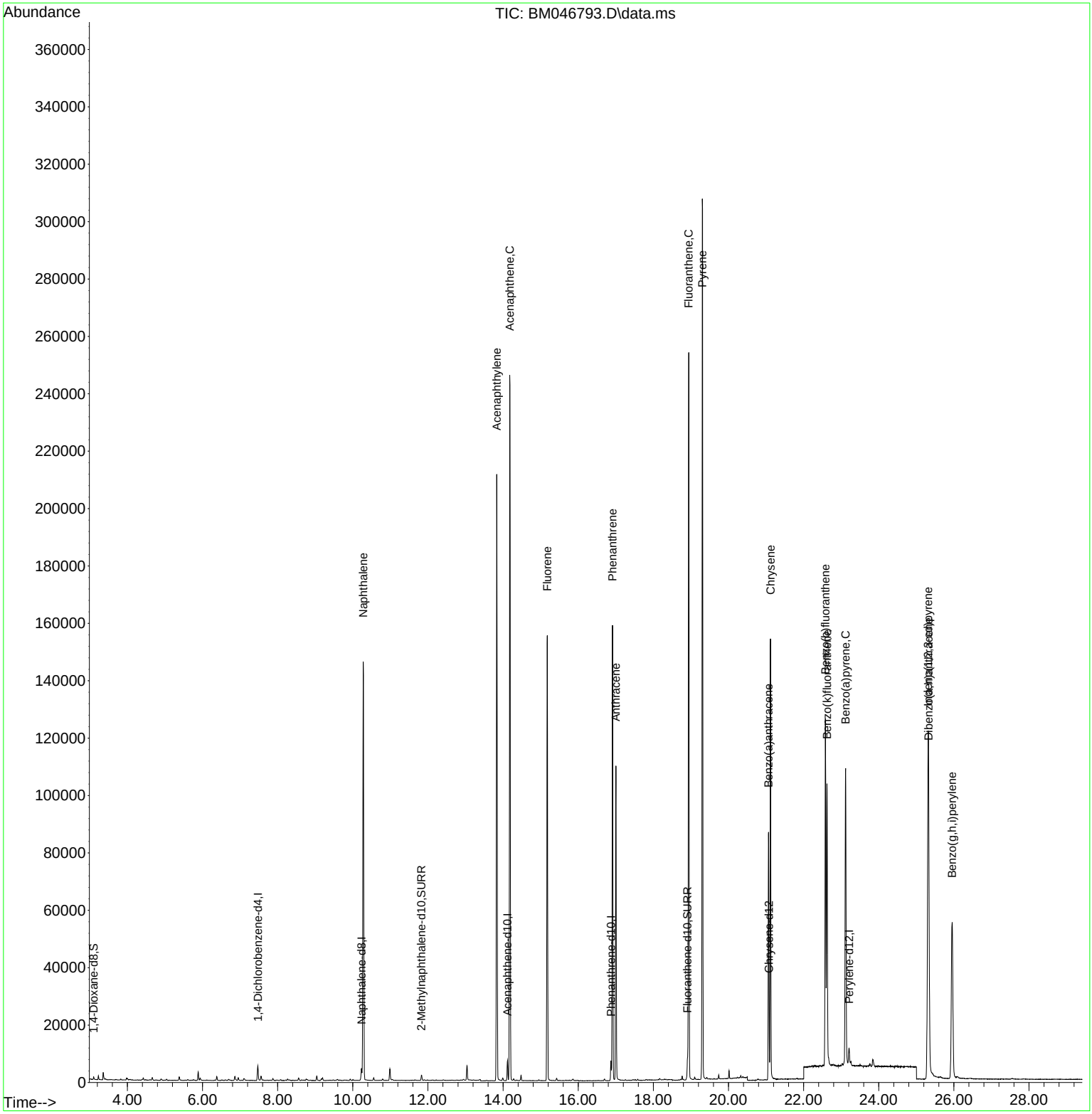
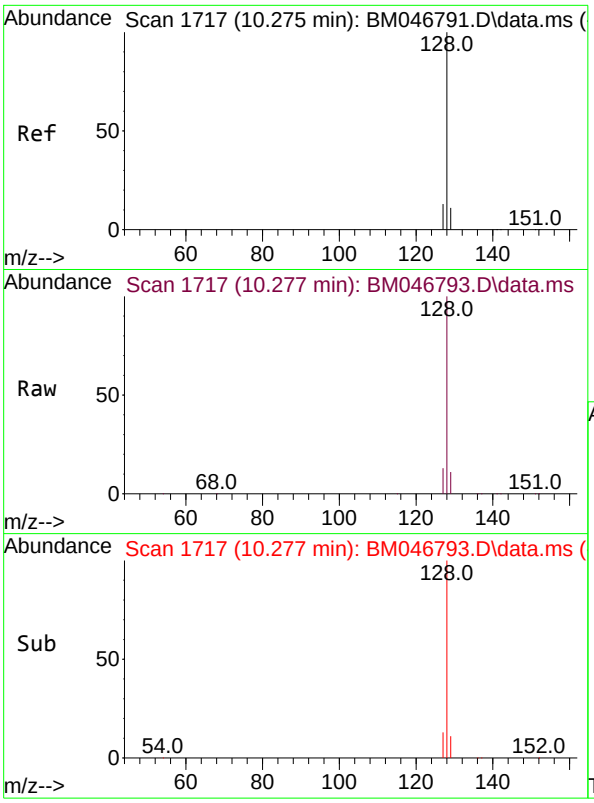


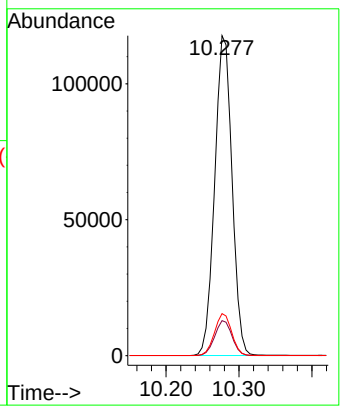


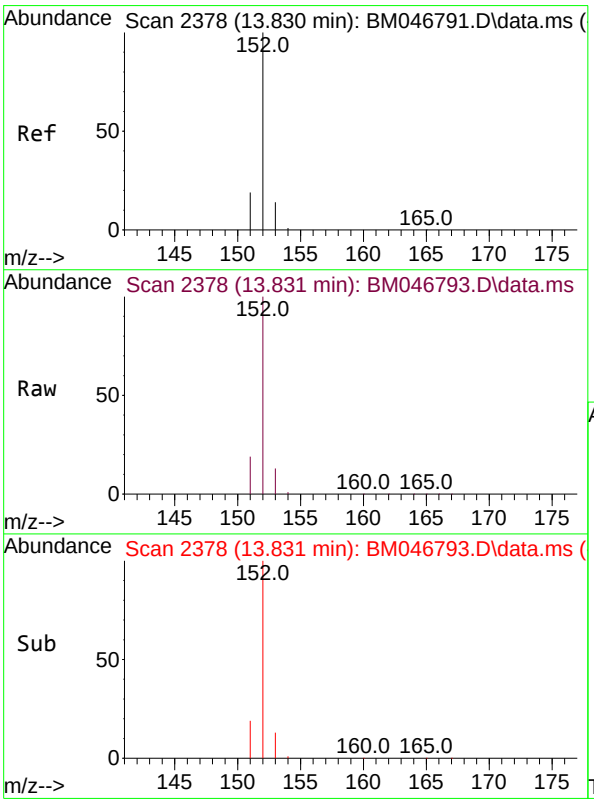
#5
Naphthalene
Concen: 13.698 ng/ul
RT: 10.277 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM046793.D
Acq: 25 Jul 2024 10:35

Instrument :
BNA_M
ClientSampleId :
A4DQ6

Tgt Ion:128 Resp: 194406

Ion	Ratio	Lower	Upper
128	100		
129	10.9	10.1	15.1
127	13.1	11.5	17.3

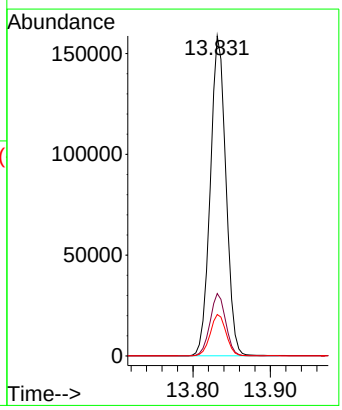


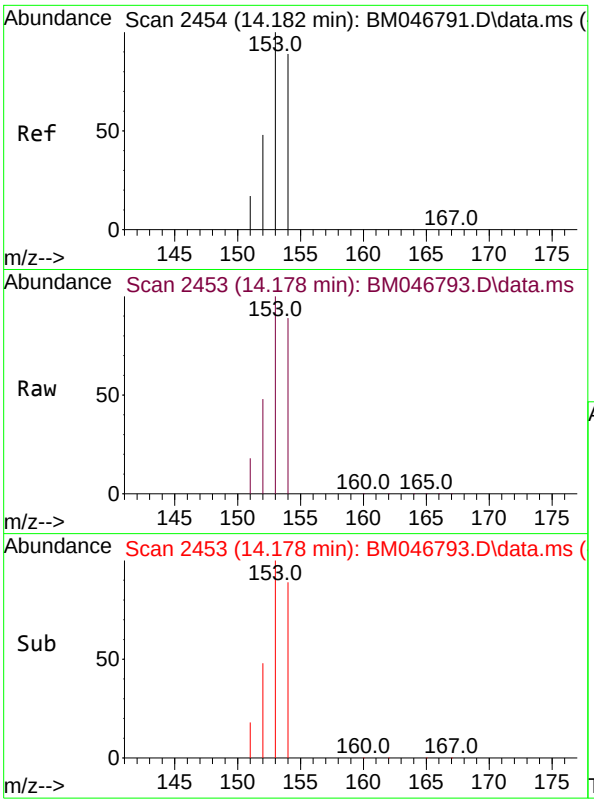


#10
Acenaphthylene
Concen: 12.881 ng/ul
RT: 13.831 min Scan# 2378
Delta R.T. 0.000 min
Lab File: BM046793.D
Acq: 25 Jul 2024 10:35

Tgt Ion:152 Resp: 222587

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	13.0	11.0	16.6



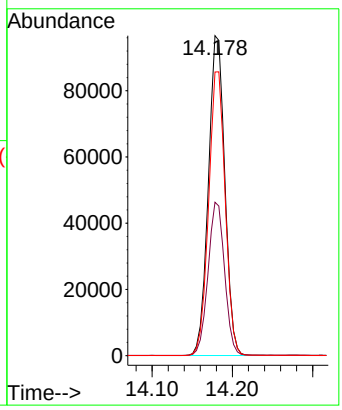


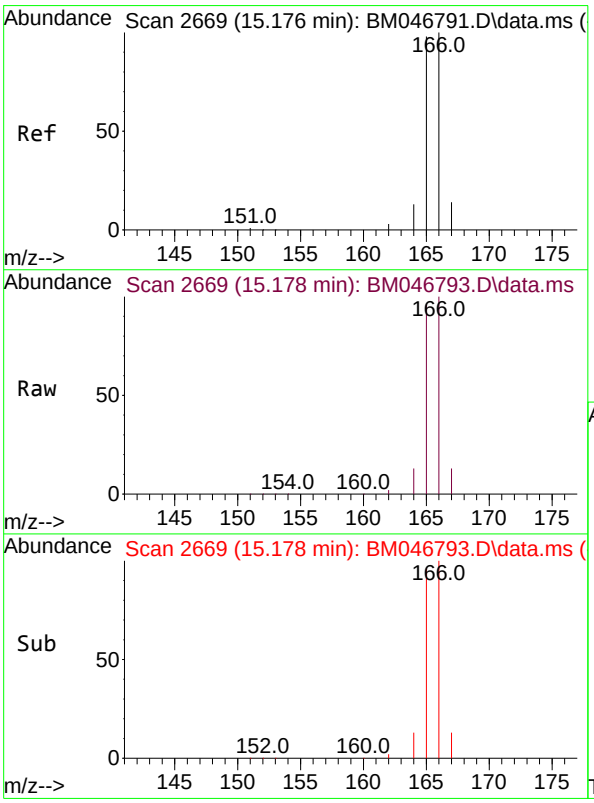
#11
Acenaphthene
Concen: 11.723 ng/ul
RT: 14.178 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM046793.D
Acq: 25 Jul 2024 10:35

Instrument :
BNA_M
ClientSampleId :
A4DQ6

Tgt Ion:153 Resp: 137499

Ion	Ratio	Lower	Upper
153	100		
152	47.9	38.6	57.8
154	88.7	70.8	106.2

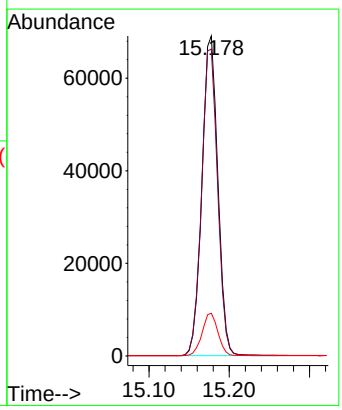


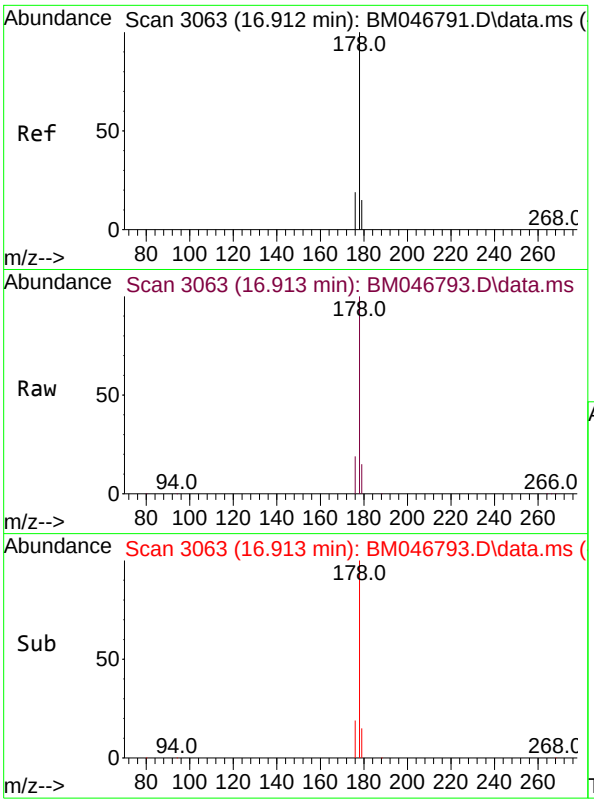


#12
Fluorene
Concen: 6.483 ng/ul
RT: 15.178 min Scan# 2669
Delta R.T. 0.000 min
Lab File: BM046793.D
Acq: 25 Jul 2024 10:35

Tgt Ion:166 Resp: 95042

Ion	Ratio	Lower	Upper
166	100		
165	95.9	79.8	119.6
167	13.4	12.3	18.5



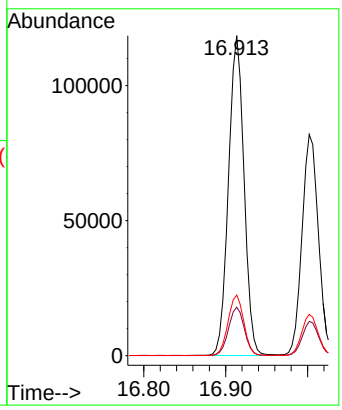


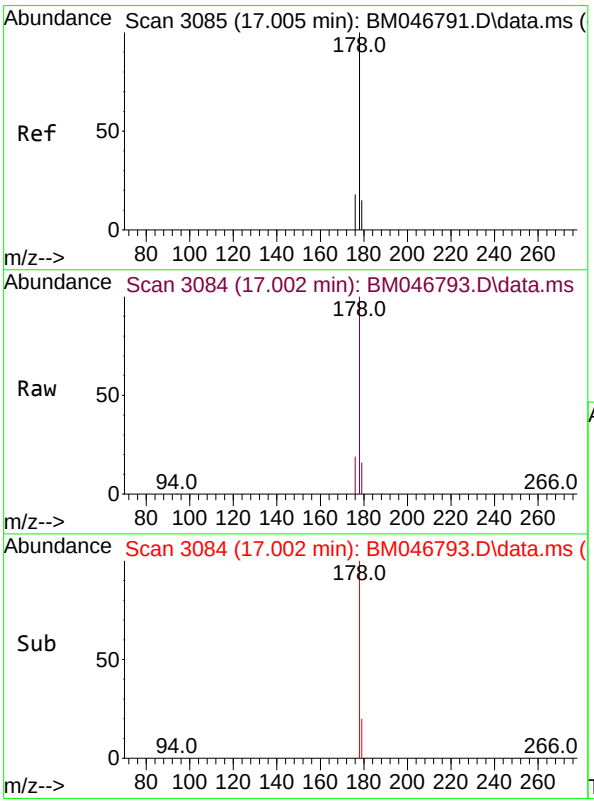
#15
Phenanthrene
Concen: 6.240 ng/ul
RT: 16.913 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM046793.D
Acq: 25 Jul 2024 10:35

Instrument :
BNA_M
ClientSampleId :
A4DQ6

Tgt Ion:178 Resp: 156120

Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.4	20.2
176	18.9	16.1	24.1

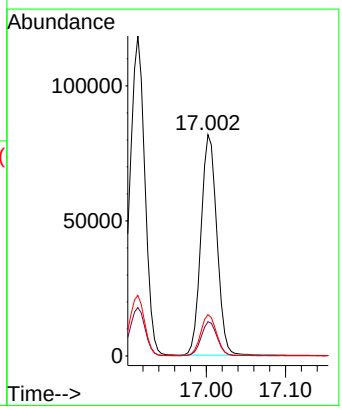


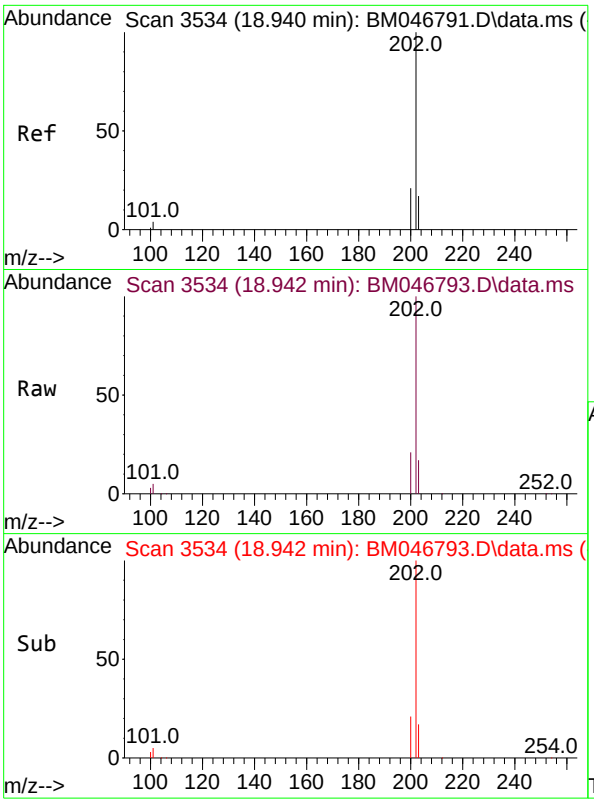


#16
Anthracene
Concen: 4.871 ng/ul
RT: 17.002 min Scan# 3084
Delta R.T. -0.004 min
Lab File: BM046793.D
Acq: 25 Jul 2024 10:35

Tgt Ion:178 Resp: 113447

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.1	19.7
176	18.7	15.0	22.6



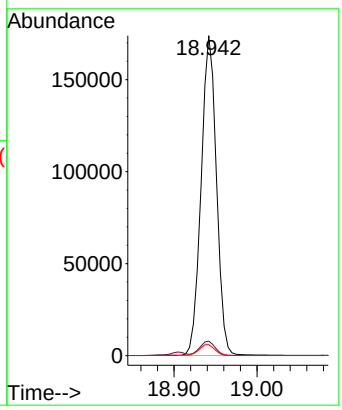


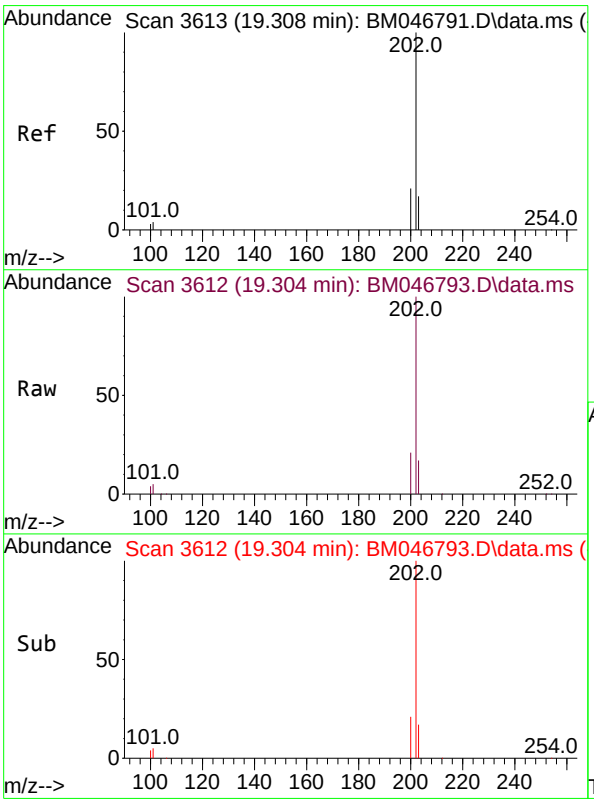
#19
Fluoranthene
Concen: 7.180 ng/ul
RT: 18.942 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM046793.D
Acq: 25 Jul 2024 10:35

Instrument :
BNA_M
ClientSampleId :
A4DQ6

Tgt Ion:202 Resp: 223741

Ion	Ratio	Lower	Upper
202	100		
101	4.6	4.7	7.1#
100	3.5	3.4	5.2

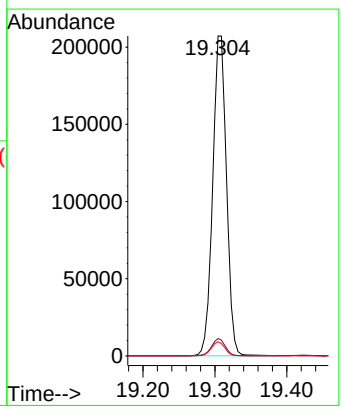


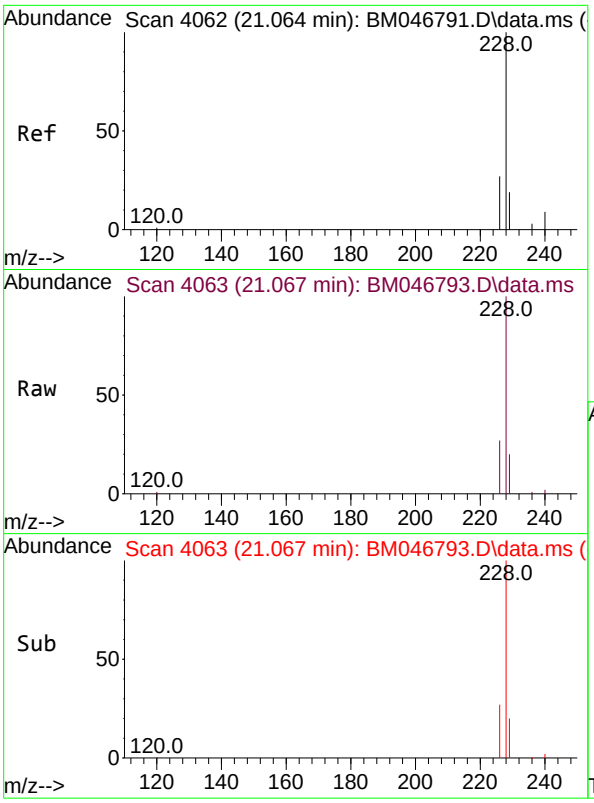


#20
Pyrene
Concen: 8.525 ng/ul
RT: 19.304 min Scan# 3612
Delta R.T. 0.000 min
Lab File: BM046793.D
Acq: 25 Jul 2024 10:35

Tgt Ion:202 Resp: 274781

Ion	Ratio	Lower	Upper
202	100		
101	5.4	5.2	7.8
100	4.4	4.3	6.5



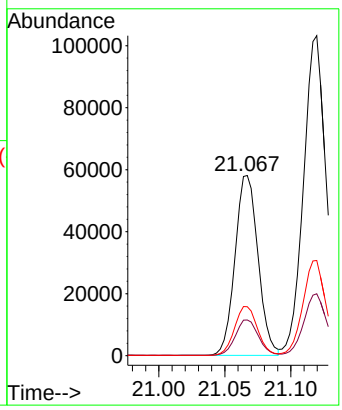


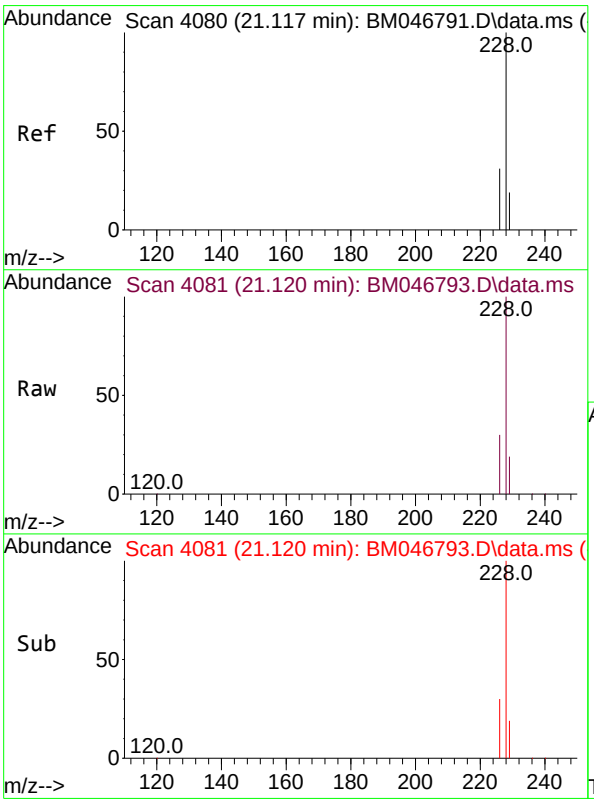
#21
Benzo(a)anthracene
Concen: 2.384 ng/ul
RT: 21.067 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM046793.D
Acq: 25 Jul 2024 10:35

Instrument :
BNA_M
ClientSampleId :
A4DQ6

Tgt Ion:228 Resp: 70473

Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.3	24.5
226	27.1	22.3	33.5

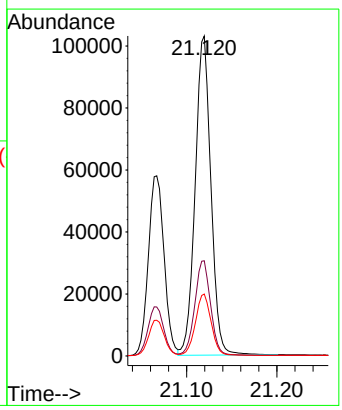


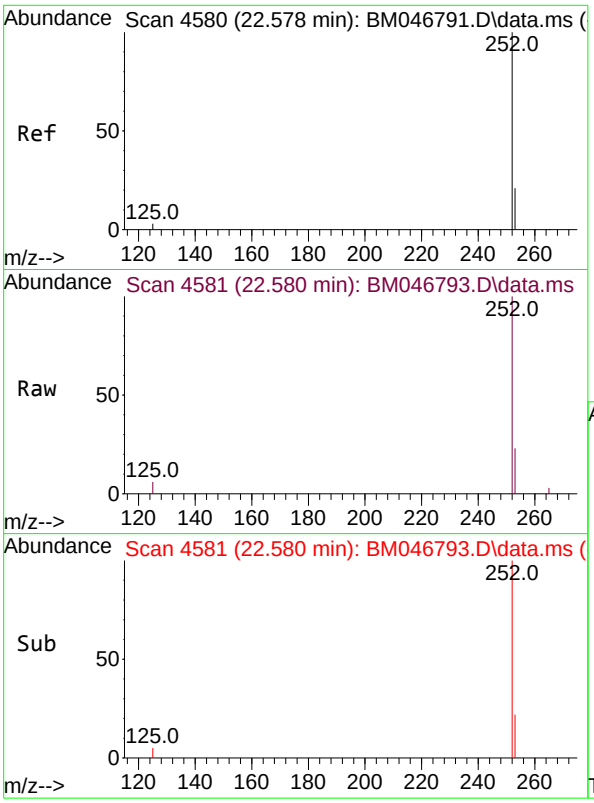


#22
Chrysene
Concen: 4.144 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM046793.D
Acq: 25 Jul 2024 10:35

Tgt Ion:228 Resp: 124464

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	19.4	16.2	24.2



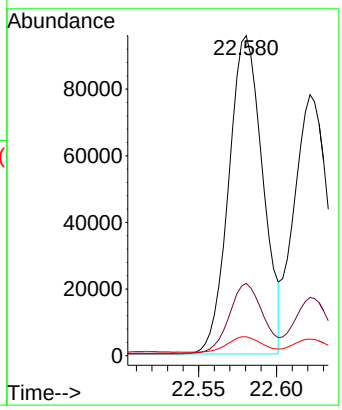


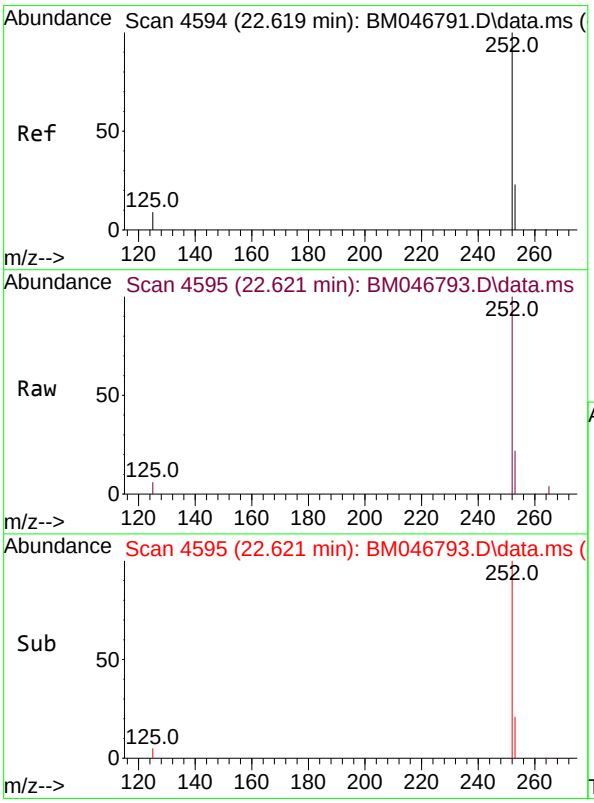
#24
Benzo(b)fluoranthene
Concen: 4.610 ng/ul
RT: 22.580 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM046793.D
Acq: 25 Jul 2024 10:35

Instrument :
BNA_M
ClientSampleId :
A4DQ6

Tgt Ion:252 Resp: 145002

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	56.4
125	5.9	0.0	15.8

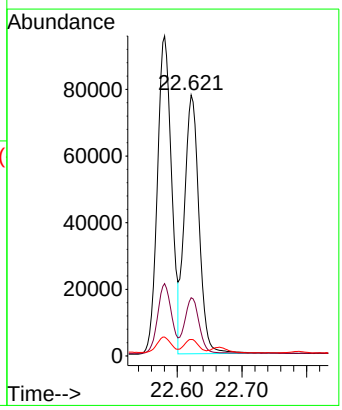


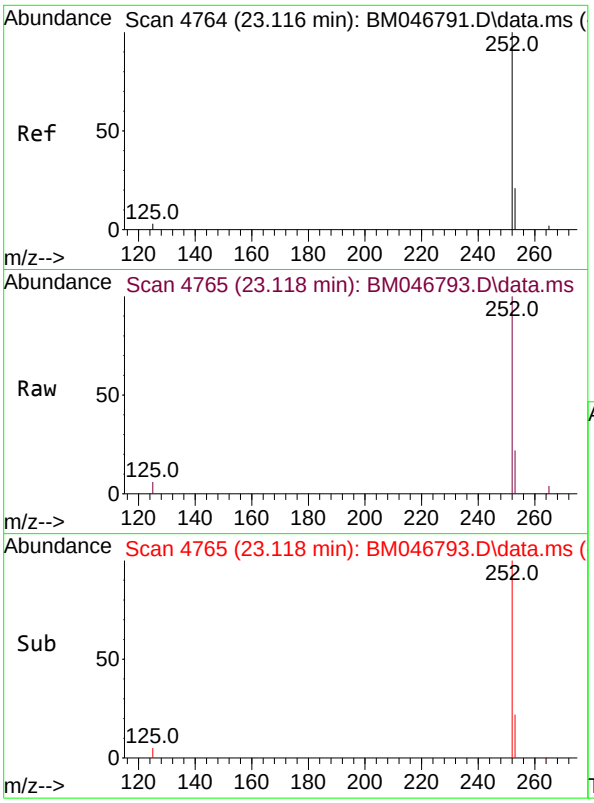


#25
Benzo(k)fluoranthene
Concen: 3.847 ng/ul
RT: 22.621 min Scan# 4595
Delta R.T. 0.000 min
Lab File: BM046793.D
Acq: 25 Jul 2024 10:35

Tgt Ion:252 Resp: 121943

Ion	Ratio	Lower	Upper
252	100		
253	22.3	23.5	35.3#
125	6.3	8.6	13.0#



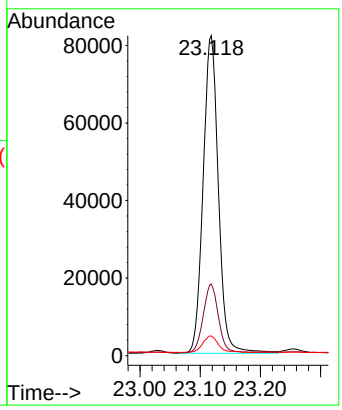


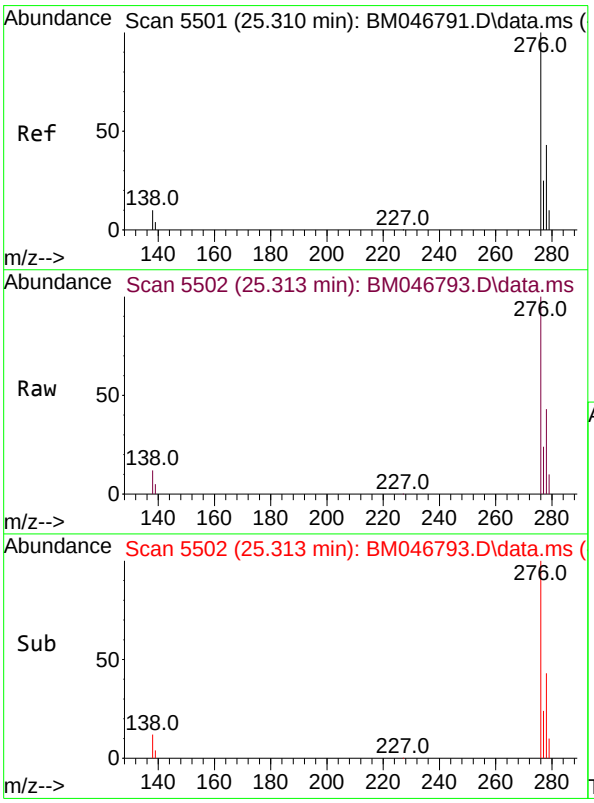
#26
Benzo(a)pyrene
Concen: 6.388 ng/ul
RT: 23.118 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM046793.D
Acq: 25 Jul 2024 10:35

Instrument :
BNA_M
ClientSampleId :
A4DQ6

Tgt Ion:252 Resp: 144240

Ion	Ratio	Lower	Upper
252	100		
253	22.4	26.0	39.0#
125	6.1	7.8	11.8#

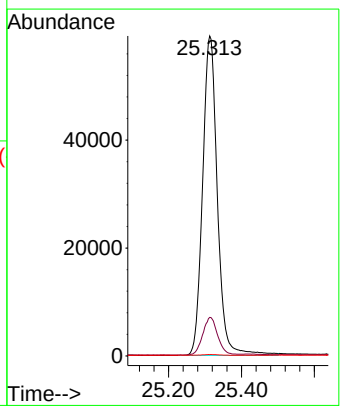


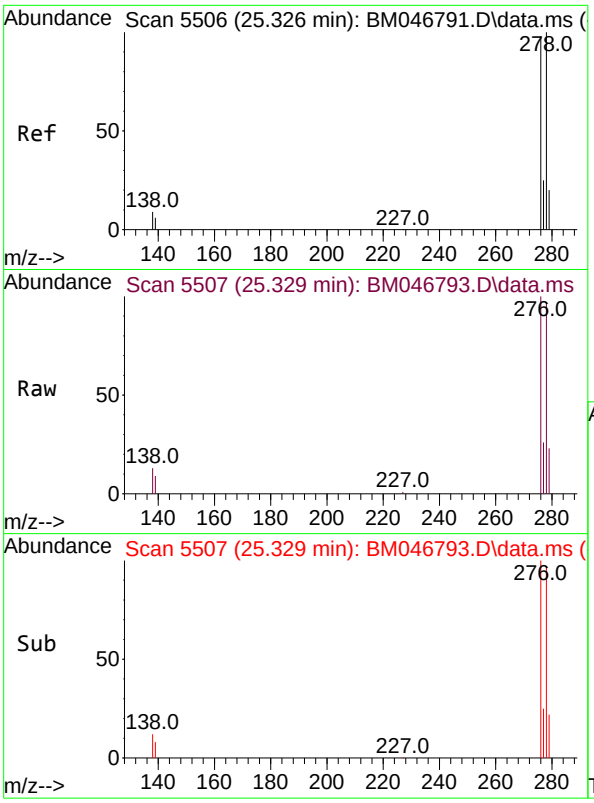


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.800 ng/ul
RT: 25.313 min Scan# 5502
Delta R.T. -0.003 min
Lab File: BM046793.D
Acq: 25 Jul 2024 10:35

Tgt Ion:276 Resp: 166798

Ion	Ratio	Lower	Upper
276	100		
138	11.9	9.7	14.5
227	0.2	0.2	0.2#



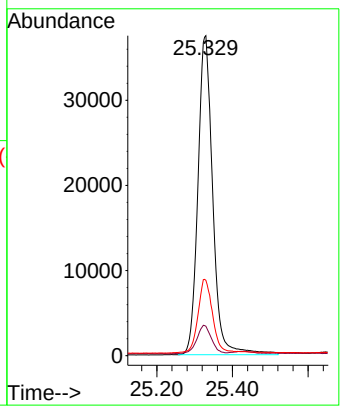


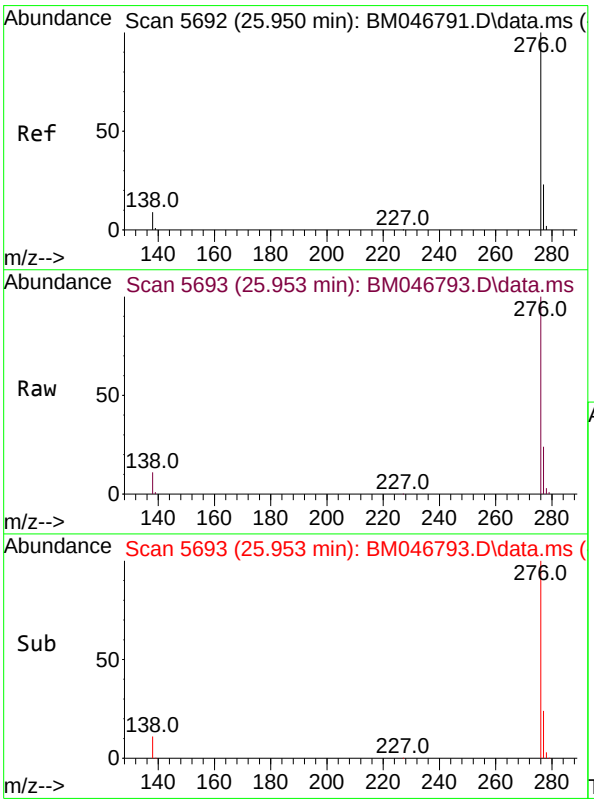
#28
Dibenzo(a,h)anthracene
Concen: 4.020 ng/ul
RT: 25.329 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM046793.D
Acq: 25 Jul 2024 10:35

Instrument :
BNA_M
ClientSampleId :
A4DQ6

Tgt Ion:278 Resp: 102264

Ion	Ratio	Lower	Upper
278	100		
139	9.2	9.8	14.8#
279	23.5	25.2	37.8#





#29
Benzo(g,h,i)perylene
Concen: 3.914 ng/ul
RT: 25.953 min Scan# 5693
Delta R.T. 0.000 min
Lab File: BM046793.D
Acq: 25 Jul 2024 10:35

Tgt Ion:276 Resp: 119777

Ion	Ratio	Lower	Upper
276	100		
138	11.2	9.5	14.3
277	23.8	20.9	31.3