Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046875.D
Acq On : 27 Jul 2024 19:31
Operator : MA/JU
Sample : P3264-19DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CM7DL

Quant Time: Jul 28 23:32:05 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	7.464	152	6019	0.400	ng/ul	0.00
4) Naphthalene-d8	10.220	136	13072	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	7654	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.870	188	13840	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.085	240	8470	0.400	ng/ul	# 0.00
23) Perylene-d12	23.215	264	9682	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	1898	0.450	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	909	0.044	ng/ul	0.00
18) Fluoranthene-d10	18.913	212	1534	0.056	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.270	128	819	0.025	ng/ul#	73
10) Acenaphthylene	13.830	152	2236	0.064	ng/ul#	84
11) Acenaphthene	14.177	153	1404	0.059	ng/ul	91
12) Fluorene	15.172	166	1885	0.063	ng/ul#	93
15) Phenanthrene	16.912	178	19095	0.480	ng/ul	99
16) Anthracene	17.001	178	3403	0.092	ng/ul#	86
19) Fluoranthene	18.945	202	22776	0.612	ng/ul	100
20) Pyrene	19.308	202	22348	0.581	ng/ul	99
21) Benzo(a)anthracene	21.067	228	8948	0.254	ng/ul#	79
22) Chrysene	21.120	228	9165	0.256	ng/ul#	82
24) Benzo(b)fluoranthene	22.587	252	15734	0.370	ng/ul#	54
25) Benzo(k)fluoranthene	22.587	252	15734	0.367	ng/ul#	56
26) Benzo(a)pyrene	23.122	252	8553	0.280	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	25.323	276	6375	0.136	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.333	278	1633	0.047	ng/ul#	1
29) Benzo(g,h,i)perylene	25.964	276	5939	0.144	ng/ul#	61

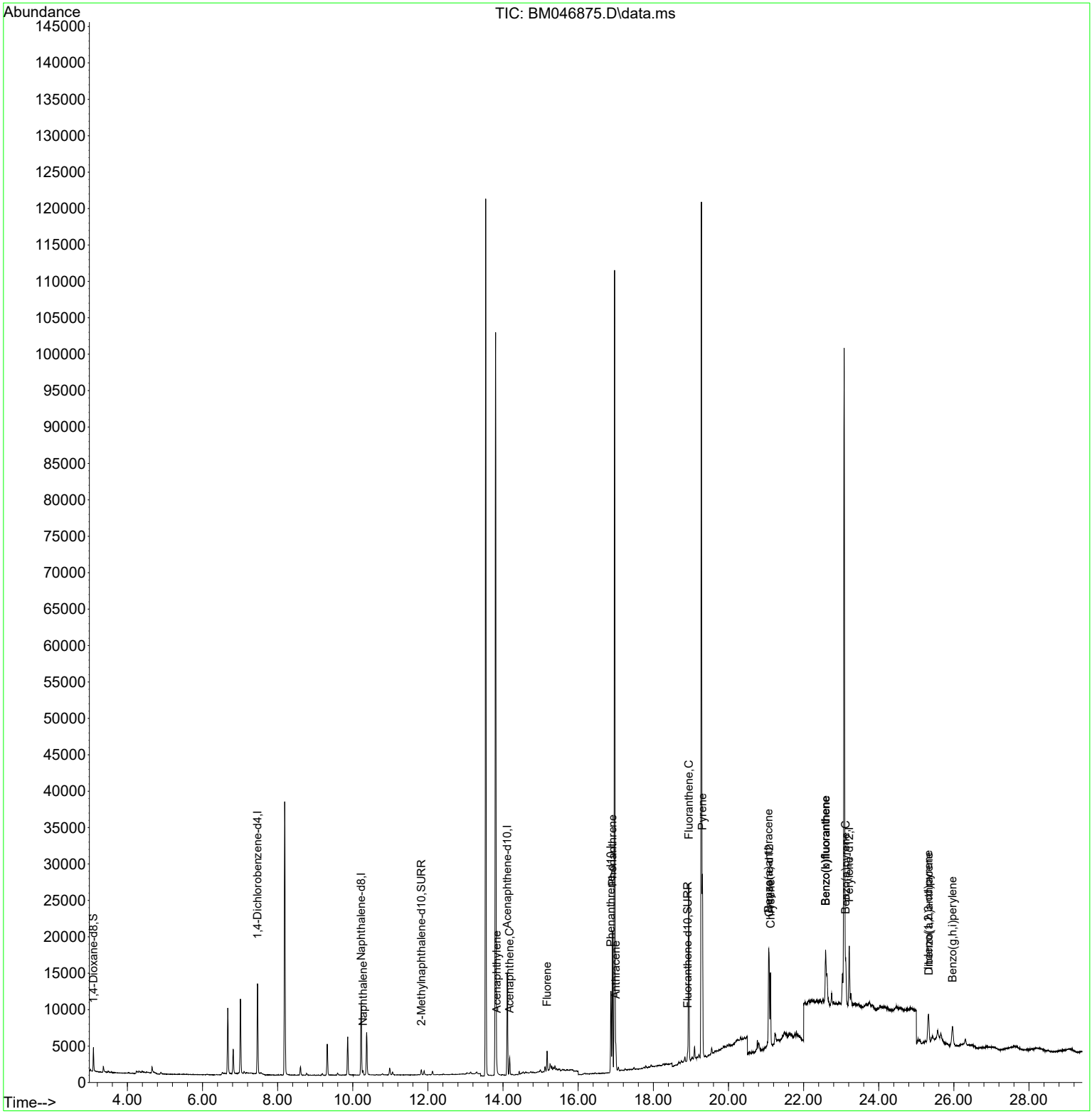
(#) = qualifier out of range (m) = manual integration (+) = signals summed

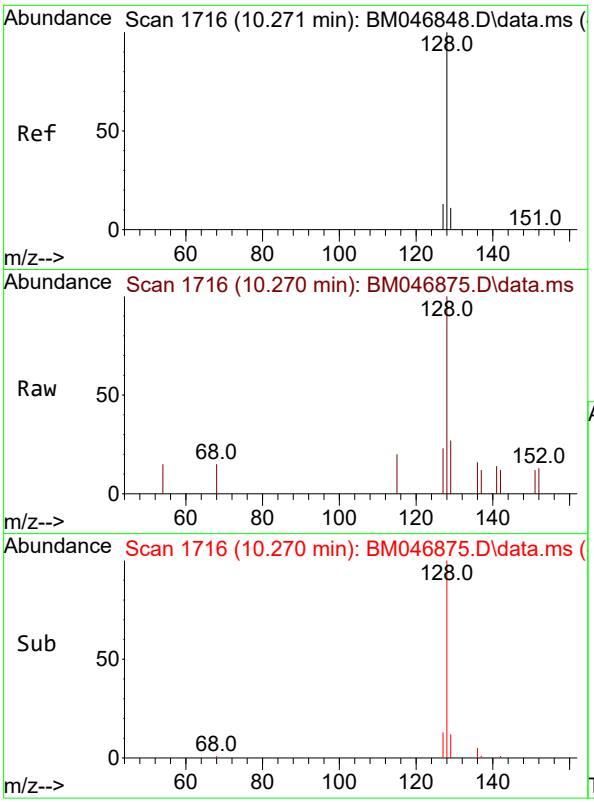
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046875.D
Acq On : 27 Jul 2024 19:31
Operator : MA/JU
Sample : P3264-19DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CM7DL

Quant Time: Jul 28 23:32:05 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



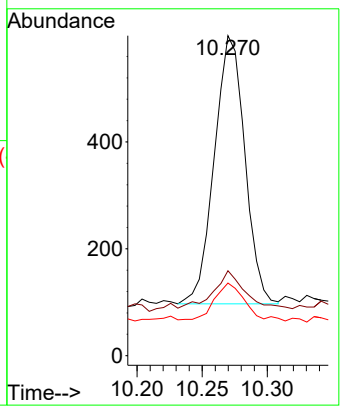


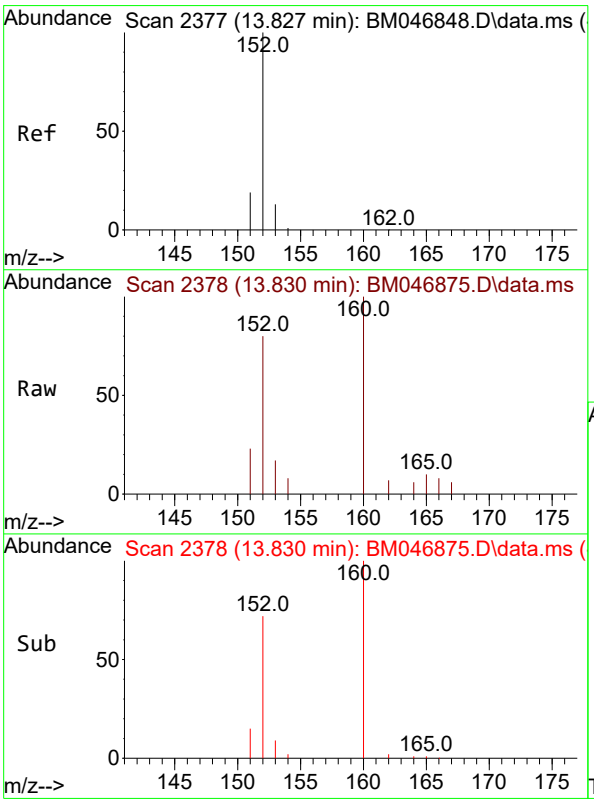
#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.270 min Scan# 1
Delta R.T. -0.007 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Instrument :
BNA_M
ClientSampleId :
A4CM7DL

Tgt Ion:128 Resp: 819

Ion	Ratio	Lower	Upper
128	100		
129	26.5	10.1	15.1#
127	22.7	11.5	17.3#

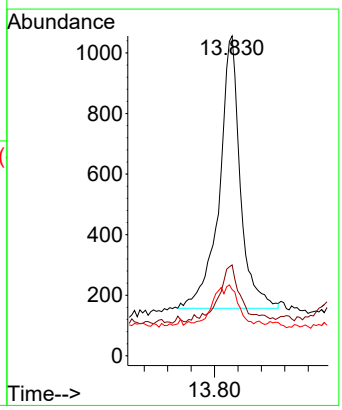


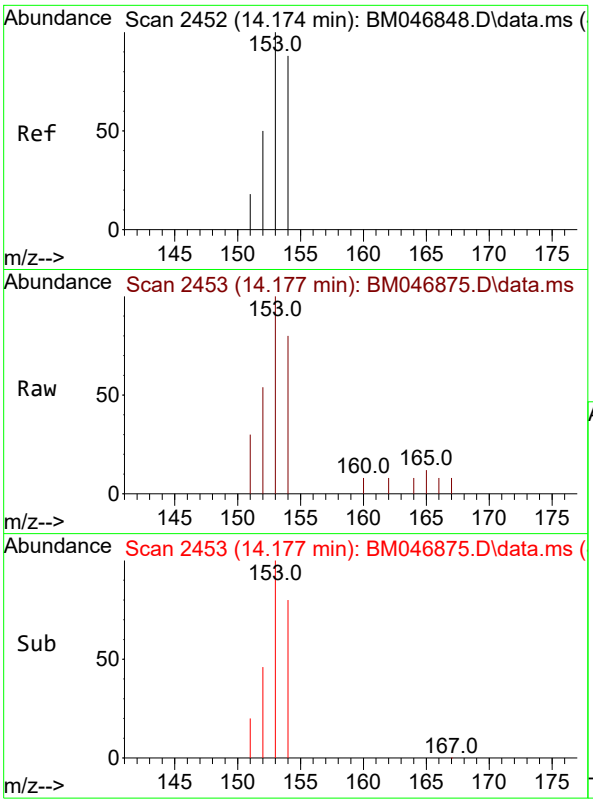


#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 13.830 min Scan# 2378
Delta R.T. -0.001 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Tgt Ion:152 Resp: 2236

Ion	Ratio	Lower	Upper
152	100		
151	28.4	16.8	25.2#
153	20.7	11.0	16.6#



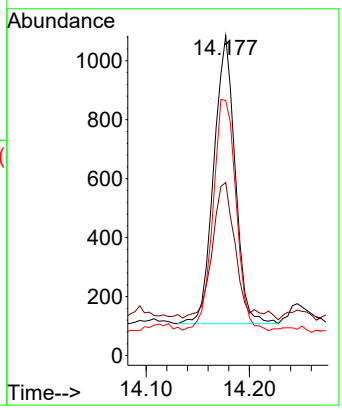


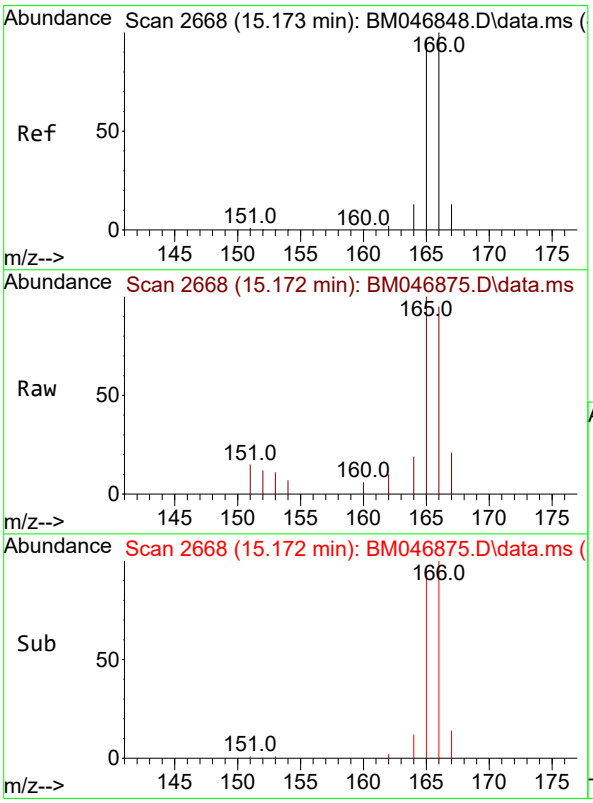
#11
Acenaphthene
Concen: 0.059 ng/ul
RT: 14.177 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Instrument :
BNA_M
ClientSampleId :
A4CM7DL

Tgt Ion:153 Resp: 1404

Ion	Ratio	Lower	Upper
153	100		
152	54.1	38.6	57.8
154	79.7	70.8	106.2

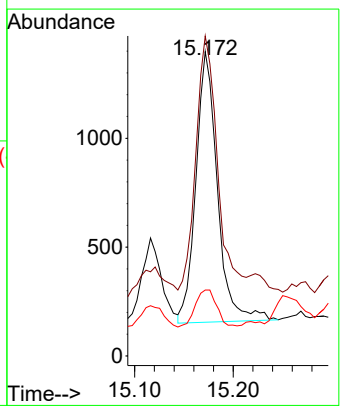


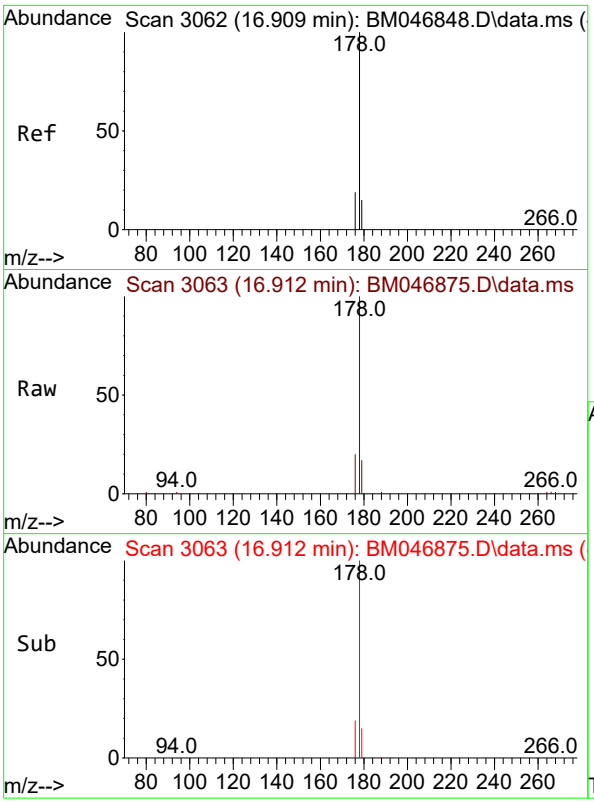


#12
Fluorene
Concen: 0.063 ng/ul
RT: 15.172 min Scan# 2668
Delta R.T. -0.006 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Tgt Ion:166 Resp: 1885

Ion	Ratio	Lower	Upper
166	100		
165	105.2	79.8	119.6
167	21.7	12.3	18.5#



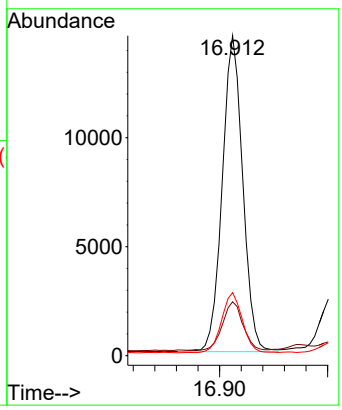


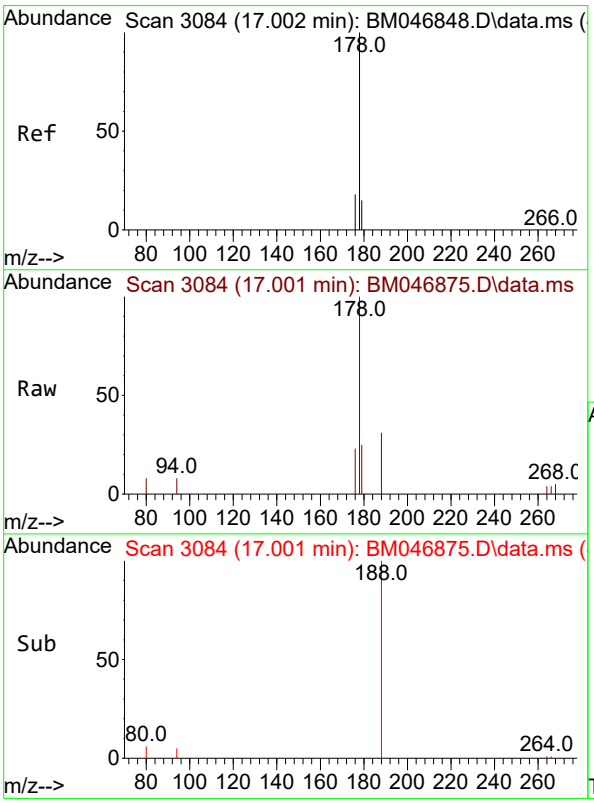
#15
Phenanthrene
Concen: 0.480 ng/ul
RT: 16.912 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Instrument :
BNA_M
ClientSampleId :
A4CM7DL

Tgt Ion:178 Resp: 19095

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.4	20.2
176	19.7	16.1	24.1

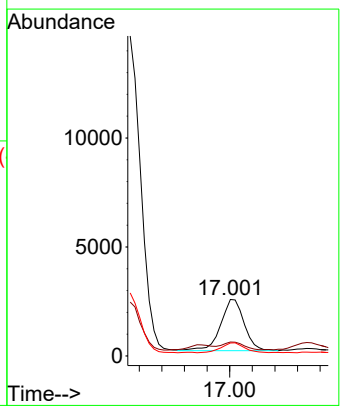


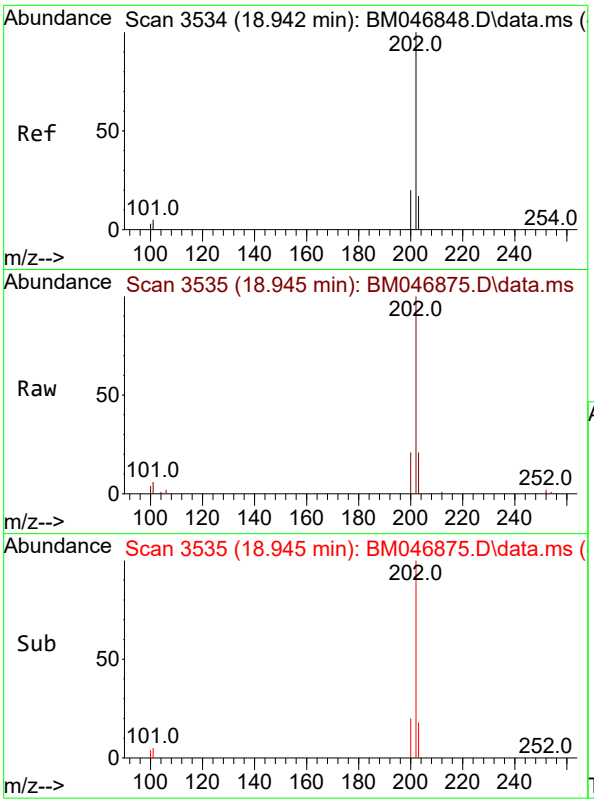


#16
Anthracene
Concen: 0.092 ng/ul
RT: 17.001 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Tgt Ion:178 Resp: 3403

Ion	Ratio	Lower	Upper
178	100		
179	24.6	13.1	19.7#
176	22.9	15.0	22.6#



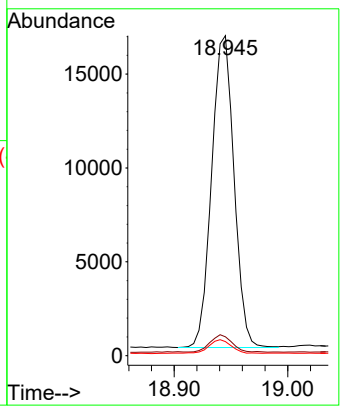


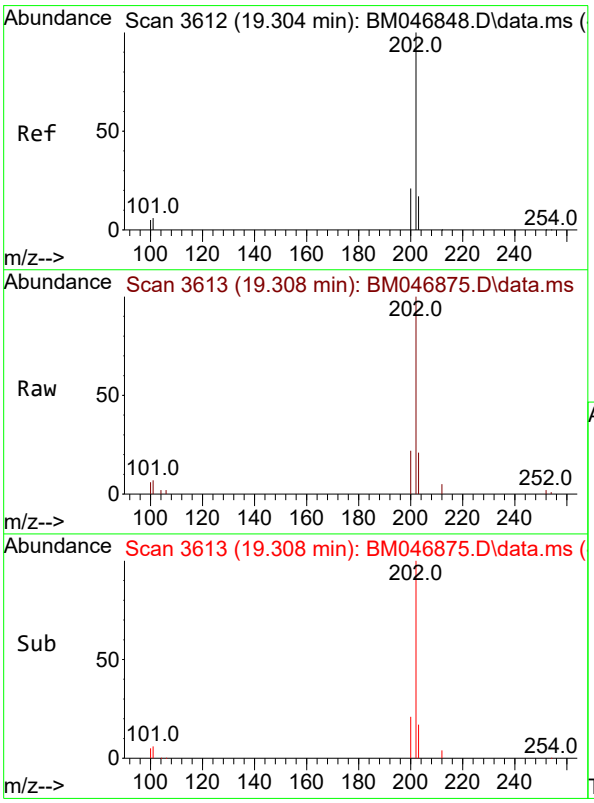
#19
Fluoranthene
Concen: 0.612 ng/ul
RT: 18.945 min Scan# 3
Delta R.T. 0.003 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Instrument :
BNA_M
ClientSampleId :
A4CM7DL

Tgt Ion:202 Resp: 22776

Ion	Ratio	Lower	Upper
202	100		
101	5.9	4.7	7.1
100	4.4	3.4	5.2

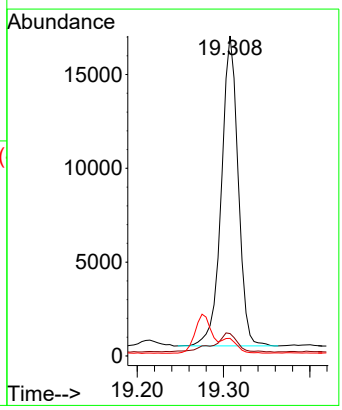


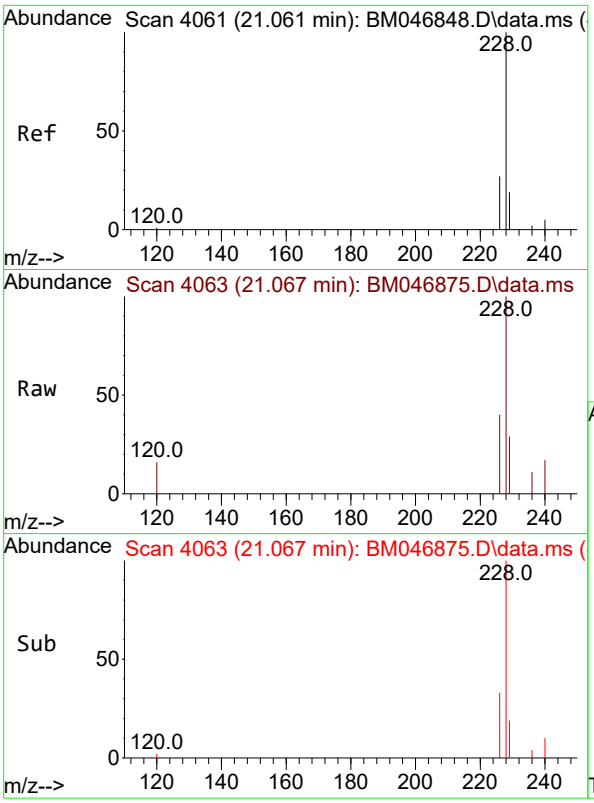


#20
Pyrene
Concen: 0.581 ng/ul
RT: 19.308 min Scan# 3613
Delta R.T. 0.003 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Tgt Ion:202 Resp: 22348

Ion	Ratio	Lower	Upper
202	100		
101	7.0	5.2	7.8
100	5.5	4.3	6.5





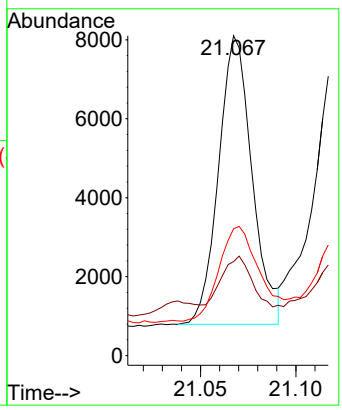
#21
Benzo(a)anthracene
Concen: 0.254 ng/ul
RT: 21.067 min Scan# 4

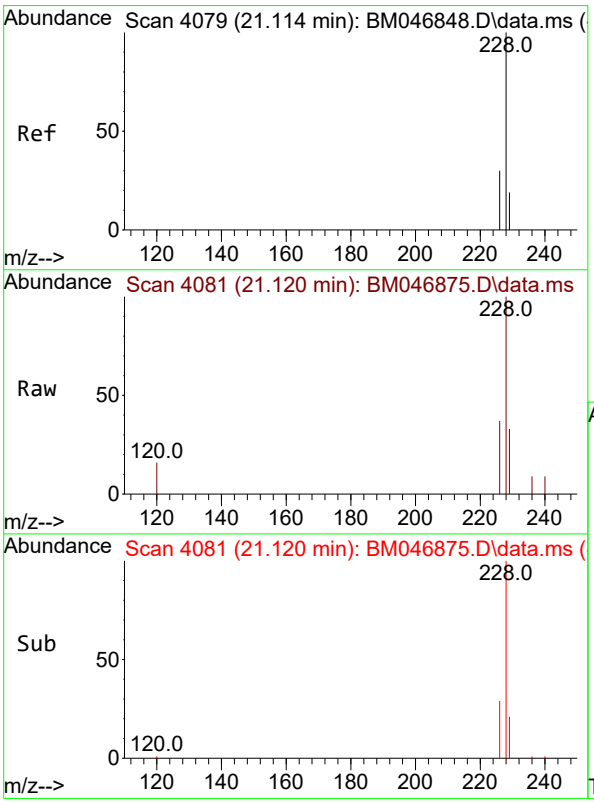
Instrument :
BNA_M
ClientSampleId :
A4CM7DL

Delta R.T. 0.003 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Tgt Ion:228 Resp: 8948

Ion	Ratio	Lower	Upper
228	100		
229	29.4	16.3	24.5#
226	39.7	22.3	33.5#

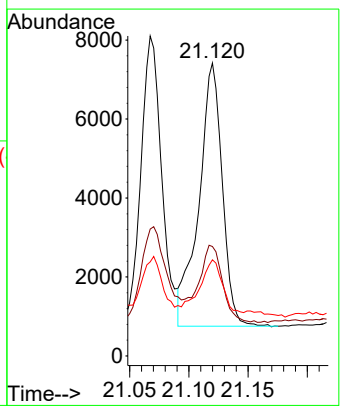


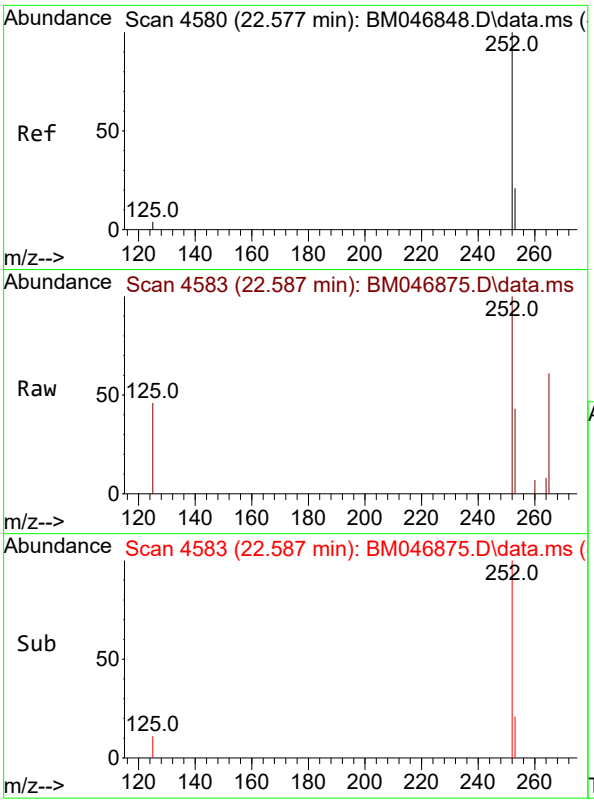


#22
Chrysene
Concen: 0.256 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Tgt Ion:228 Resp: 9165

Ion	Ratio	Lower	Upper
228	100		
226	37.3	24.5	36.7#
229	32.8	16.2	24.2#



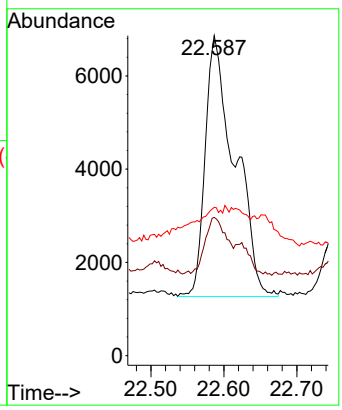


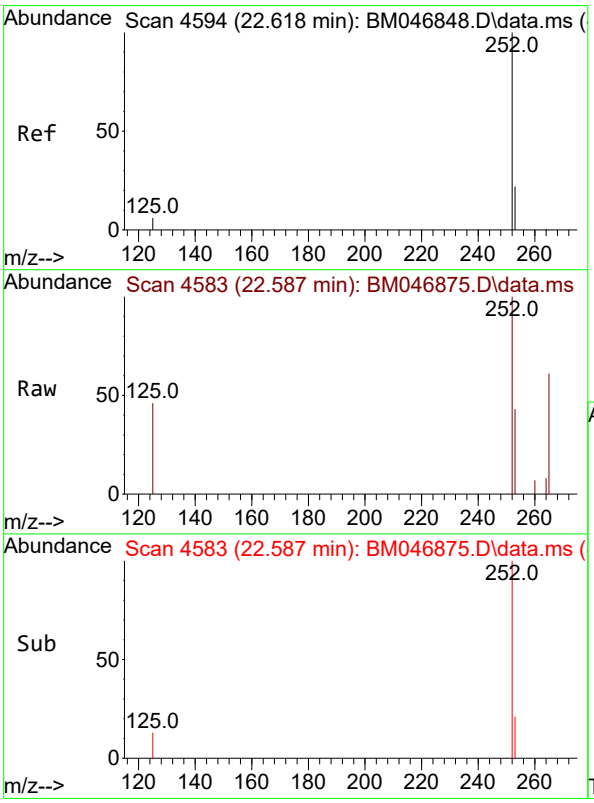
#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 22.587 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Instrument :
BNA_M
ClientSampleId :
A4CM7DL

Tgt Ion:252 Resp: 15734

Ion	Ratio	Lower	Upper
252	100		
253	43.2	0.0	56.4
125	46.3	0.0	15.8#

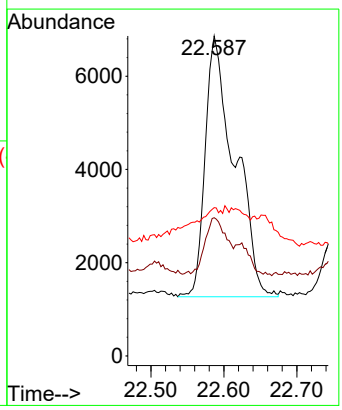


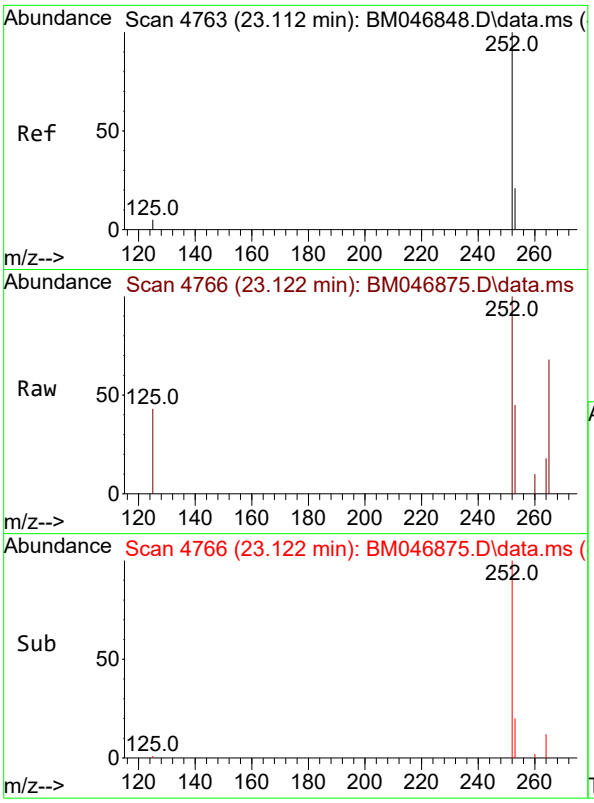


#25
Benzo(k)fluoranthene
Concen: 0.367 ng/ul
RT: 22.587 min Scan# 4583
Delta R.T. -0.035 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Tgt Ion:252 Resp: 15734

Ion	Ratio	Lower	Upper
252	100		
253	43.2	23.5	35.3#
125	46.3	8.6	13.0#



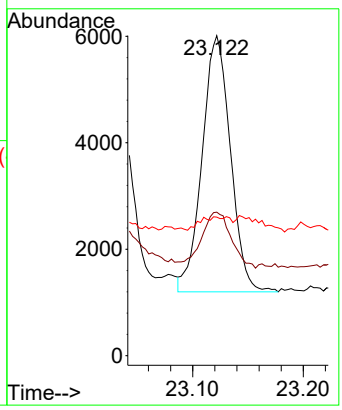


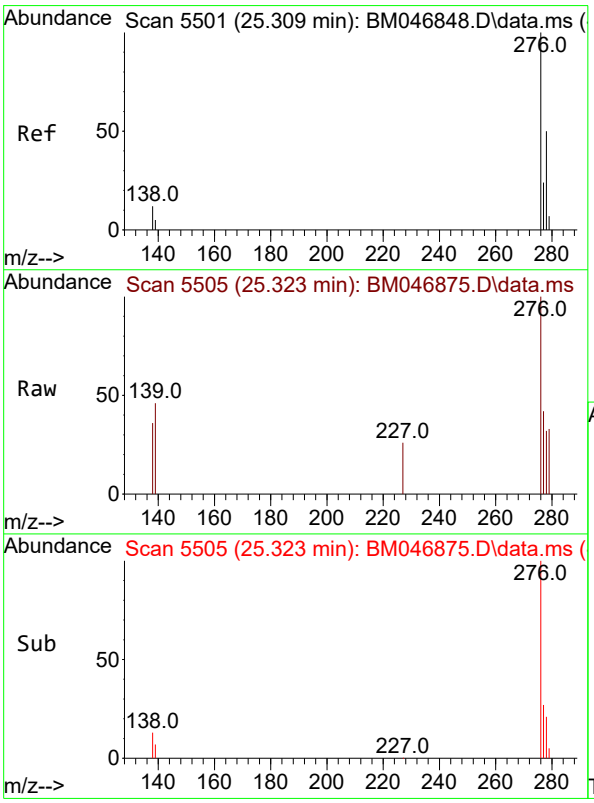
#26
Benzo(a)pyrene
Concen: 0.280 ng/ul
RT: 23.122 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Instrument :
BNA_M
ClientSampleId :
A4CM7DL

Tgt Ion:252 Resp: 8553

Ion	Ratio	Lower	Upper
252	100		
253	44.9	26.0	39.0#
125	43.3	7.8	11.8#

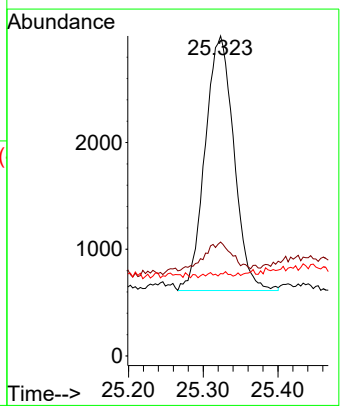


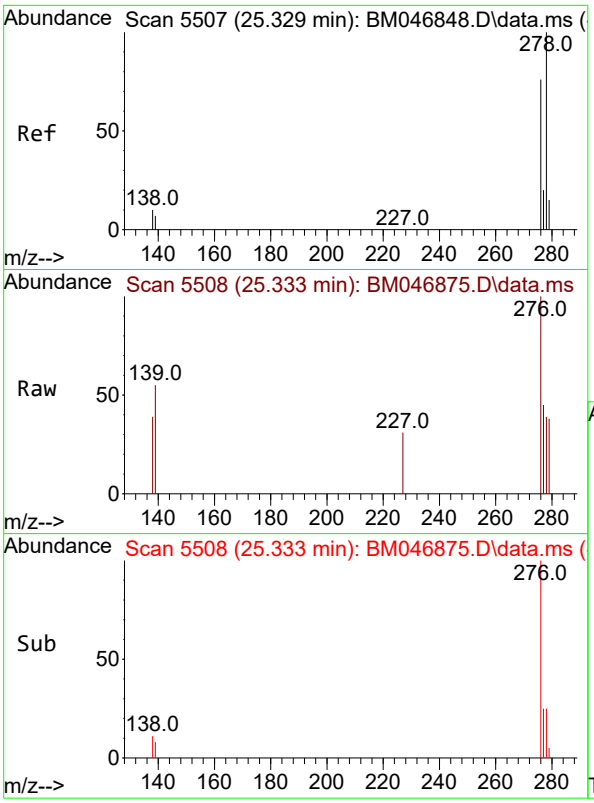


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.136 ng/ul
RT: 25.323 min Scan# 5505
Delta R.T. 0.007 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Tgt Ion:276 Resp: 6375

Ion	Ratio	Lower	Upper
276	100		
138	10.9	9.7	14.5
227	0.4	0.2	0.2#



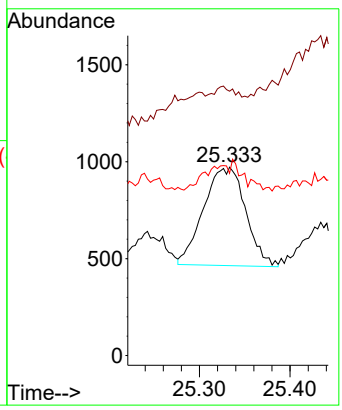


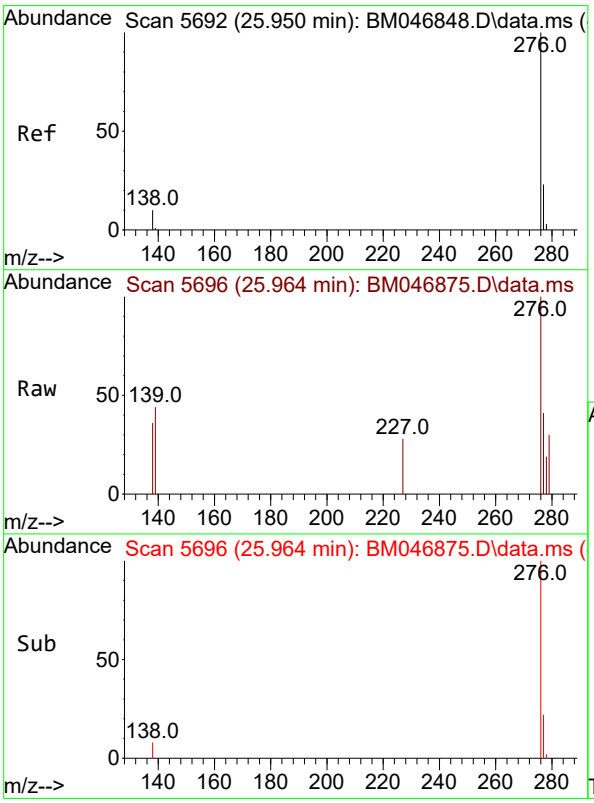
#28
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.333 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Instrument :
BNA_M
ClientSampleId :
A4CM7DL

Tgt Ion:278 Resp: 1633

Ion	Ratio	Lower	Upper
278	100		
139	140.3	9.8	14.8#
279	96.7	25.2	37.8#





#29
Benzo(g,h,i)perylene
Concen: 0.144 ng/ul
RT: 25.964 min Scan# 5696
Delta R.T. 0.011 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Tgt Ion:276 Resp: 5939

Ion	Ratio	Lower	Upper
276	100		
138	35.6	9.5	14.3#
277	41.0	20.9	31.3#