Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041845.D
Acq On : 14 Sep 2023 00:19
Operator : MA/JU
Sample : 04235-08DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EZYJ9DL

Quant Time: Sep 14 03:39:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 16:15:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	11055	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	27867	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.615	164	15136	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	28435	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	14373	0.400	ng/ul	# 0.00
23) Perylene-d12	23.968	264	13460	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	4488	0.319	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	1392	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.390	212	1329	0.027	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.840	128	17616	0.188	ng/ul	96
7) 2-Methylnaphthalene	12.440	142	106960	1.895	ng/ul	99
8) 1-Methylnaphthalene	12.660	142	105447	1.831	ng/ul	100
10) Acenaphthylene	14.328	152	5237	0.055	ng/ul#	1
11) Acenaphthene	14.689	153	5329	0.073	ng/ul#	38
12) Fluorene	15.684	166	3924	0.046	ng/ul#	1
15) Phenanthrene	17.409	178	213872	1.723	ng/ul	99
19) Fluoranthene	19.417	202	219310	1.970	ng/ul	99
20) Pyrene	19.785	202	146514	1.257	ng/ul	97
21) Benzo(a)anthracene	21.524	228	20671	0.218	ng/ul#	79
22) Chrysene	21.577	228	87757	0.904	ng/ul#	94
24) Benzo(b)fluoranthene	23.219	252	82714	0.864	ng/ul#	1
26) Benzo(a)pyrene	23.857	252	7689	0.105	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.471	276	29256	0.261	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.488	278	8455	0.102	ng/ul#	1
29) Benzo(g,h,i)perylene	27.259	276	34376	0.362	ng/ul#	58

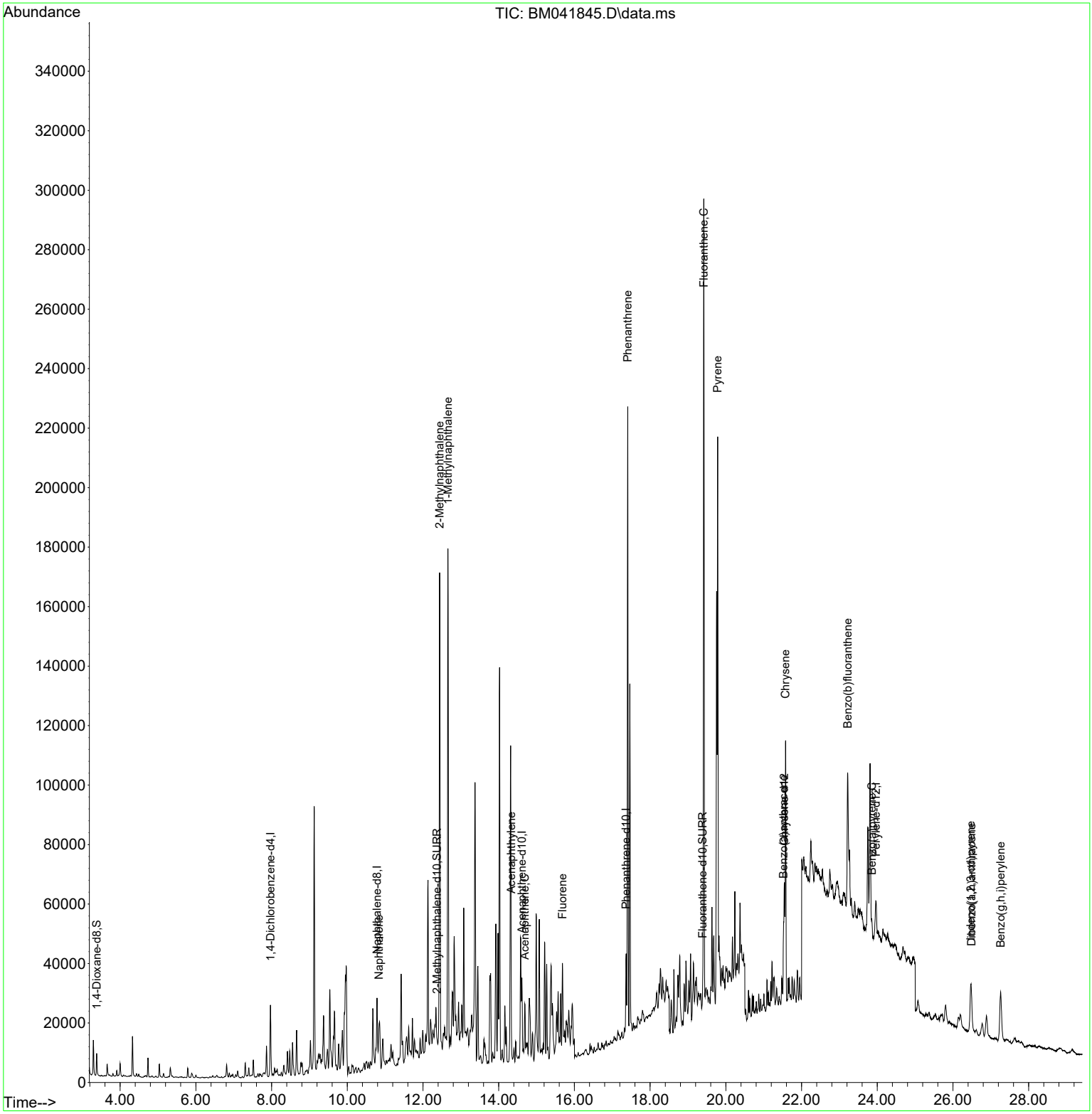
(#) = qualifier out of range (m) = manual integration (+) = signals summed

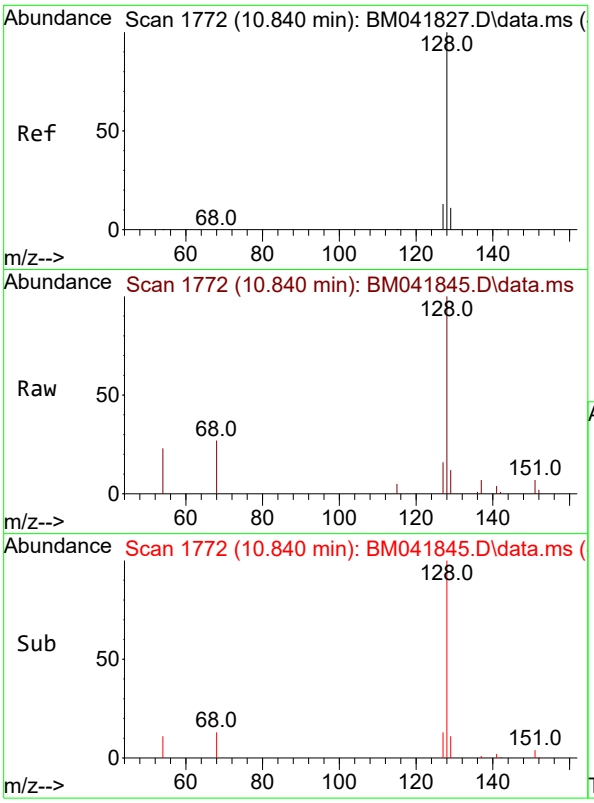
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041845.D
Acq On : 14 Sep 2023 00:19
Operator : MA/JU
Sample : 04235-08DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EZYJ9DL

Quant Time: Sep 14 03:39:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 16:15:23 2023
Response via : Initial Calibration



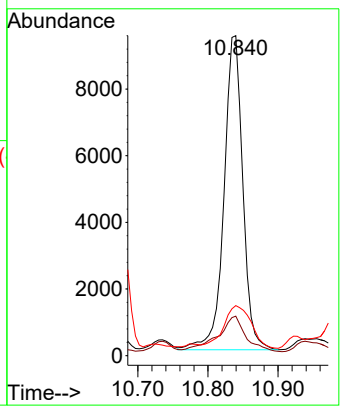


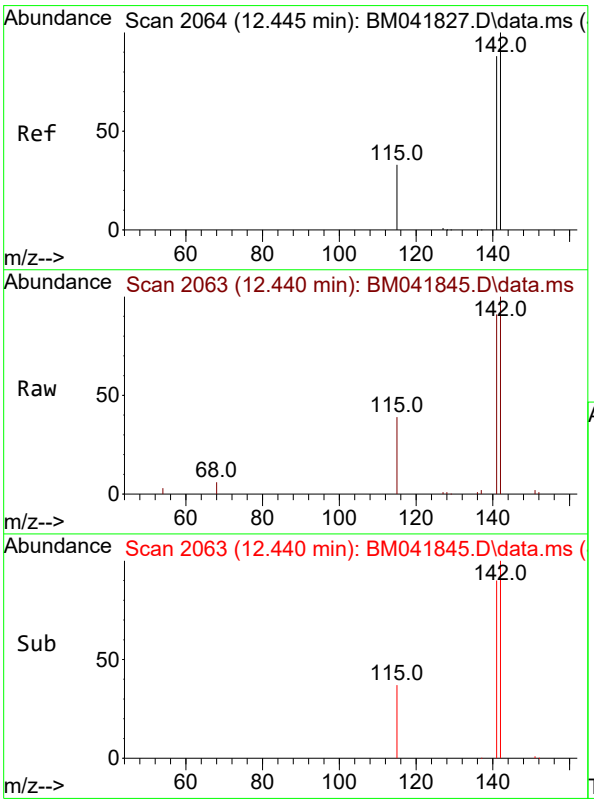
#5
Naphthalene
Concen: 0.188 ng/ul
RT: 10.840 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041845.D
Acq: 14 Sep 2023 00:19

Instrument :
BNA_M
ClientSampleId :
EZYJ9DL

Tgt Ion:128 Resp: 17616

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.5	14.3
127	15.7	10.7	16.1

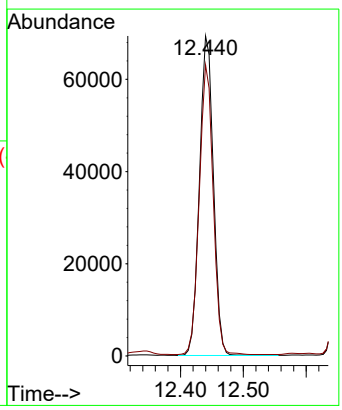


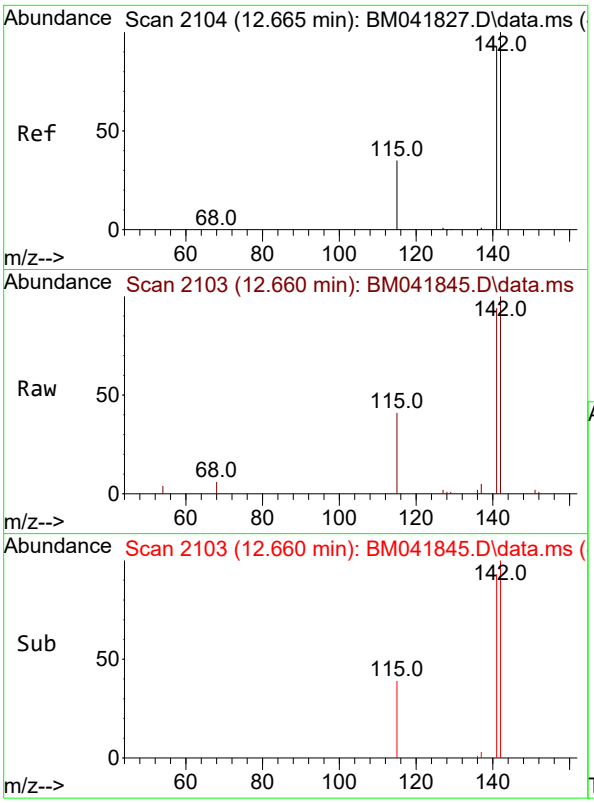


#7
2-Methylnaphthalene
Concen: 1.895 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM041845.D
Acq: 14 Sep 2023 00:19

Tgt Ion:142 Resp: 106960

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.1	108.1



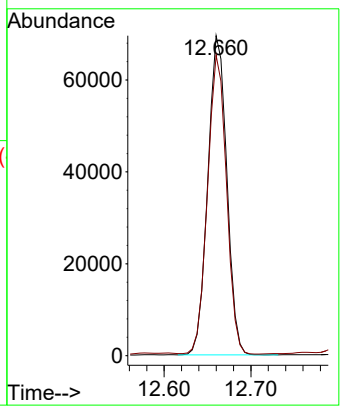


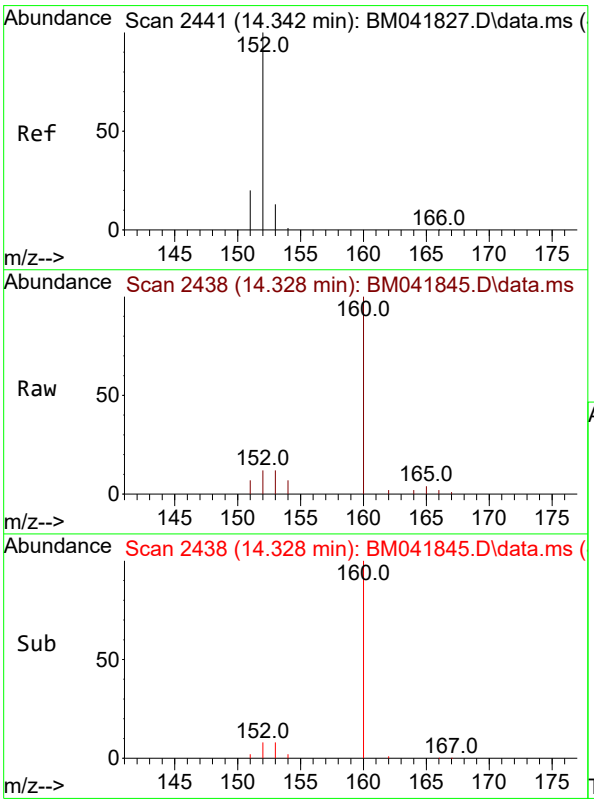
#8
1-Methylnaphthalene
Concen: 1.831 ng/ul
RT: 12.660 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041845.D
Acq: 14 Sep 2023 00:19

Instrument :
BNA_M
ClientSampleId :
EZYJ9DL

Tgt Ion:142 Resp: 105447

Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.3	111.5

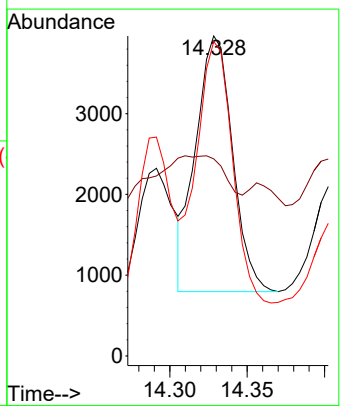


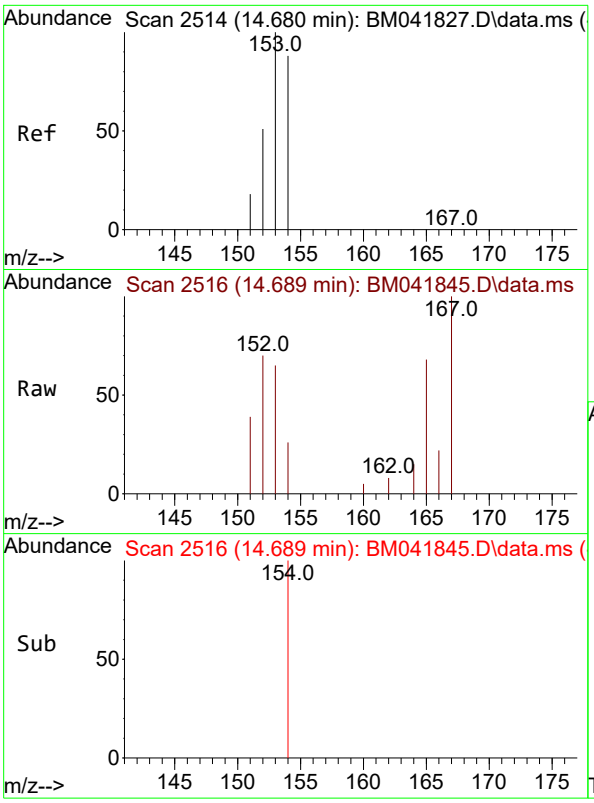


#10
Acenaphthylene
Concen: 0.055 ng/ul
RT: 14.328 min Scan# 2438
Delta R.T. -0.014 min
Lab File: BM041845.D
Acq: 14 Sep 2023 00:19

Tgt Ion:152 Resp: 5237

Ion	Ratio	Lower	Upper
152	100		
151	61.6	16.3	24.5#
153	98.2	10.9	16.3#



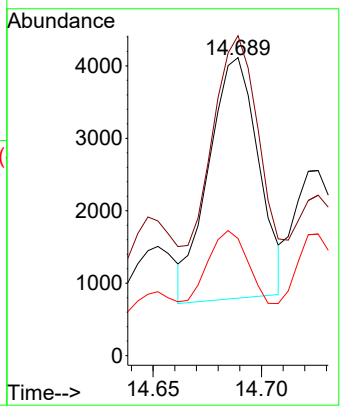


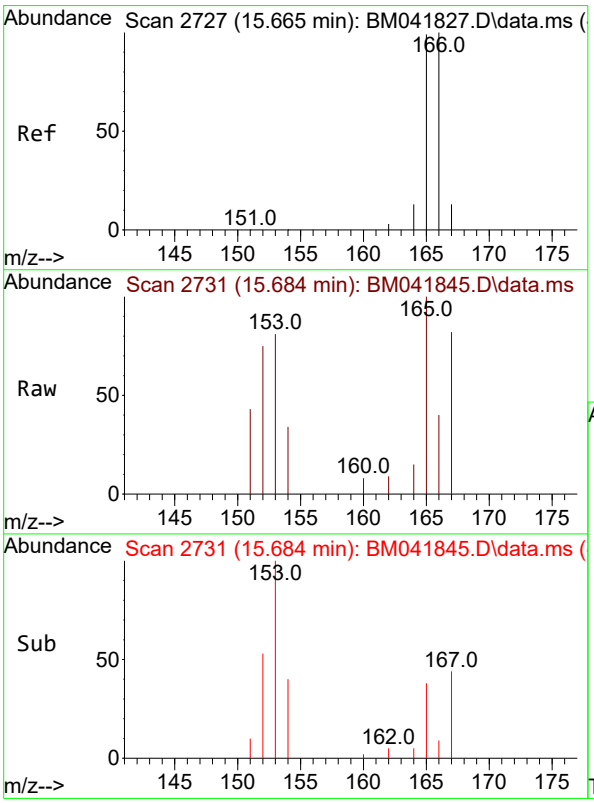
#11
Acenaphthene
Concen: 0.073 ng/ul
RT: 14.689 min Scan# 2
Delta R.T. 0.009 min
Lab File: BM041845.D
Acq: 14 Sep 2023 00:19

Instrument :
BNA_M
ClientSampleId :
EZYJ9DL

Tgt Ion:153 Resp: 5329

Ion	Ratio	Lower	Upper
153	100		
152	107.3	41.5	62.3#
154	39.3	70.7	106.1#

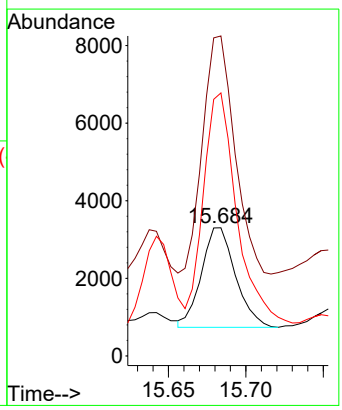


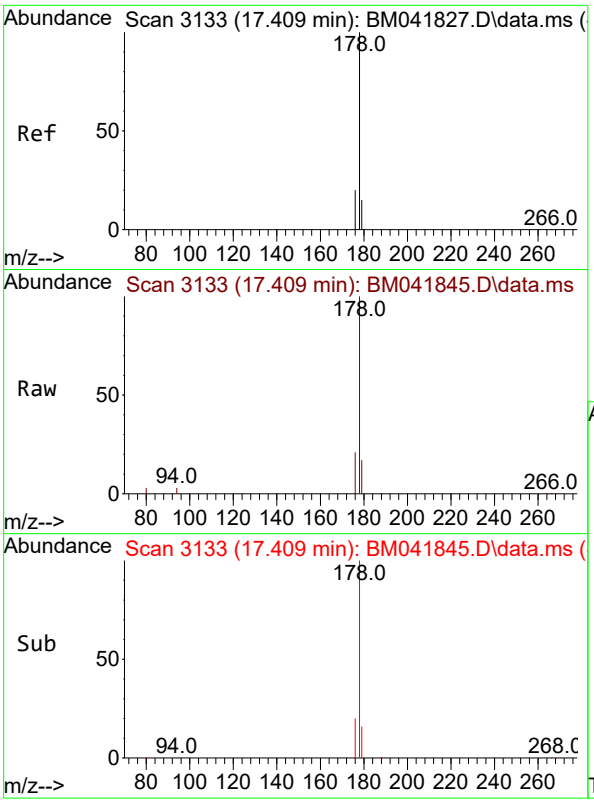


#12
Fluorene
Concen: 0.046 ng/ul
RT: 15.684 min Scan# 2731
Delta R.T. 0.018 min
Lab File: BM041845.D
Acq: 14 Sep 2023 00:19

Tgt Ion:166 Resp: 3924

Ion	Ratio	Lower	Upper
166	100		
165	249.7	79.3	118.9#
167	205.2	11.2	16.8#



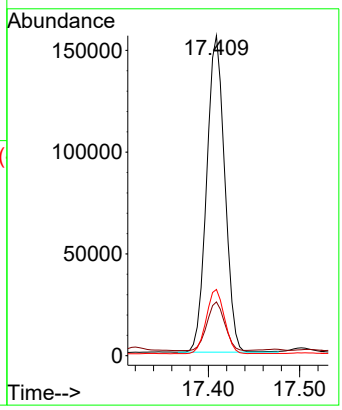


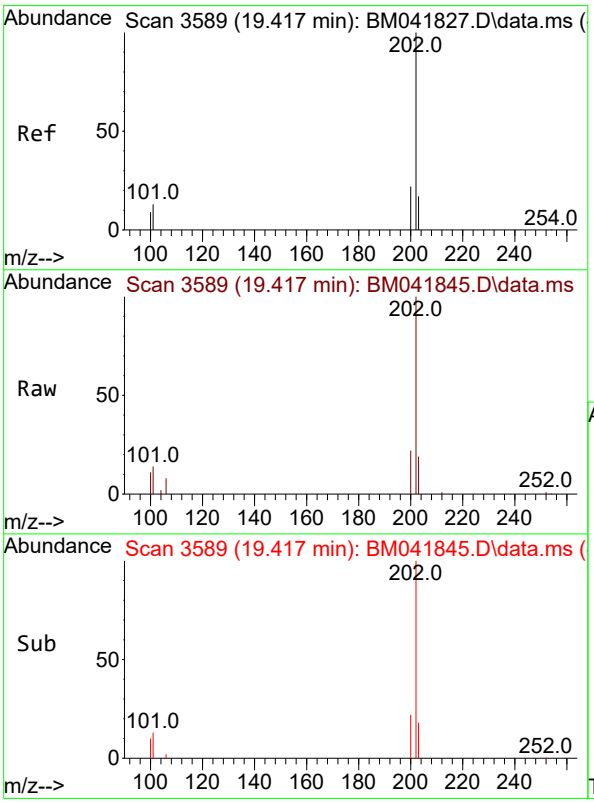
#15
Phenanthrene
Concen: 1.723 ng/ul
RT: 17.409 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM041845.D
Acq: 14 Sep 2023 00:19

Instrument :
BNA_M
ClientSampleId :
EZYJ9DL

Tgt Ion:178 Resp: 213872

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.6	19.0
176	20.7	16.6	25.0

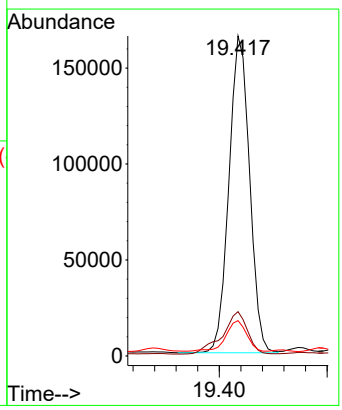


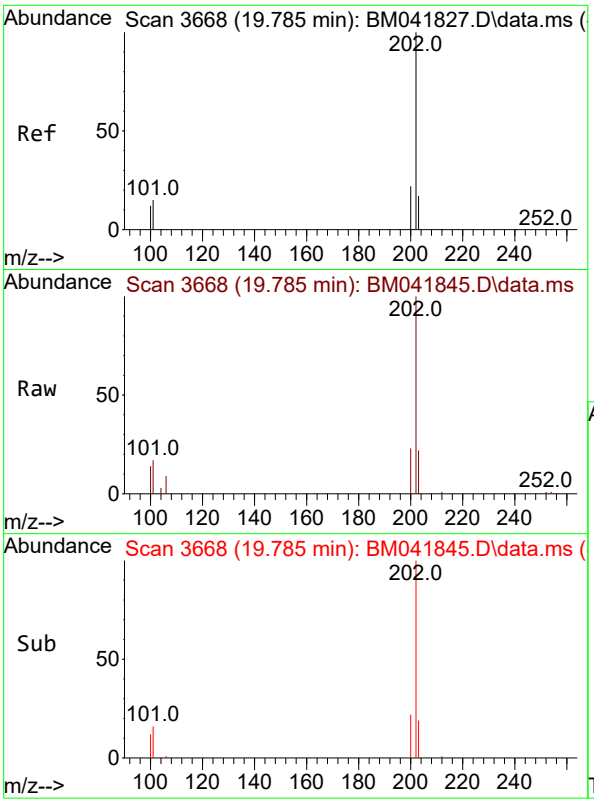


#19
Fluoranthene
Concen: 1.970 ng/ul
RT: 19.417 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BM041845.D
Acq: 14 Sep 2023 00:19

Tgt Ion:202 Resp: 219310

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.0	16.6
100	11.1	8.2	12.4



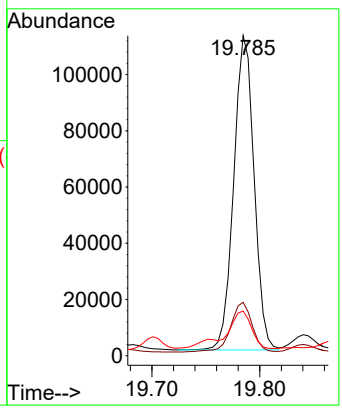


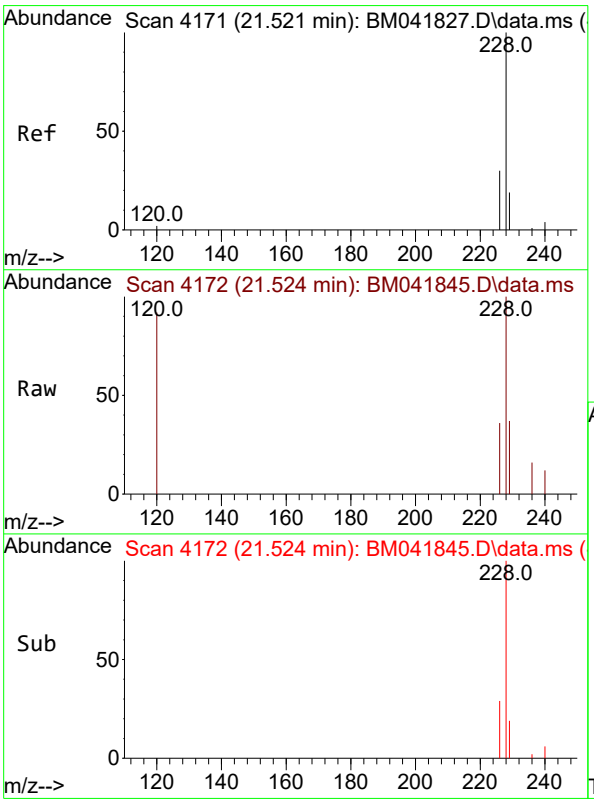
#20
Pyrene
Concen: 1.257 ng/ul
RT: 19.785 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM041845.D
Acq: 14 Sep 2023 00:19

Instrument :
BNA_M
ClientSampleId :
EZYJ9DL

Tgt Ion:202 Resp: 146514

Ion	Ratio	Lower	Upper
202	100		
101	16.7	12.6	19.0
100	14.0	9.9	14.9

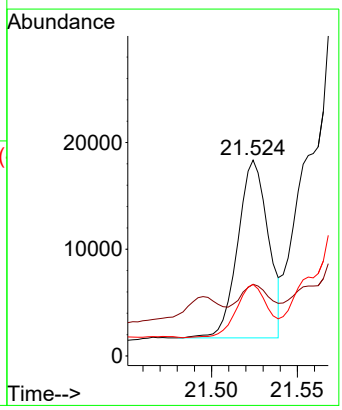


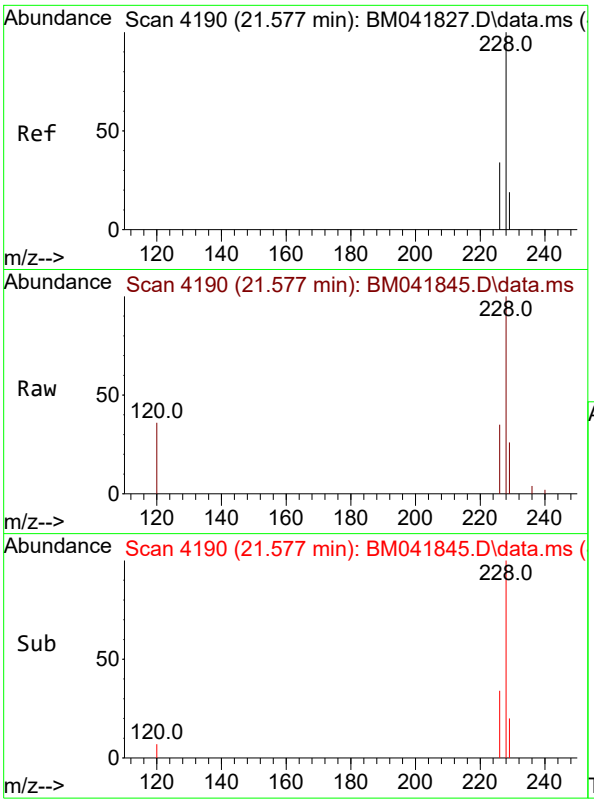


#21
Benzo(a)anthracene
Concen: 0.218 ng/ul
RT: 21.524 min Scan# 4172
Delta R.T. 0.003 min
Lab File: BM041845.D
Acq: 14 Sep 2023 00:19

Tgt Ion:228 Resp: 20671

Ion	Ratio	Lower	Upper
228	100		
229	36.6	15.8	23.8#
226	36.5	24.3	36.5#



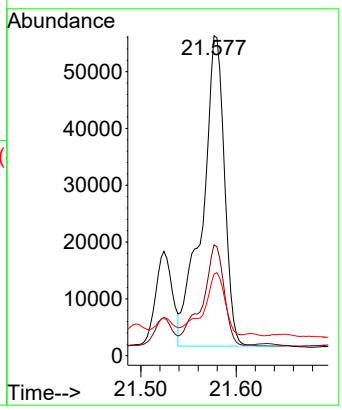


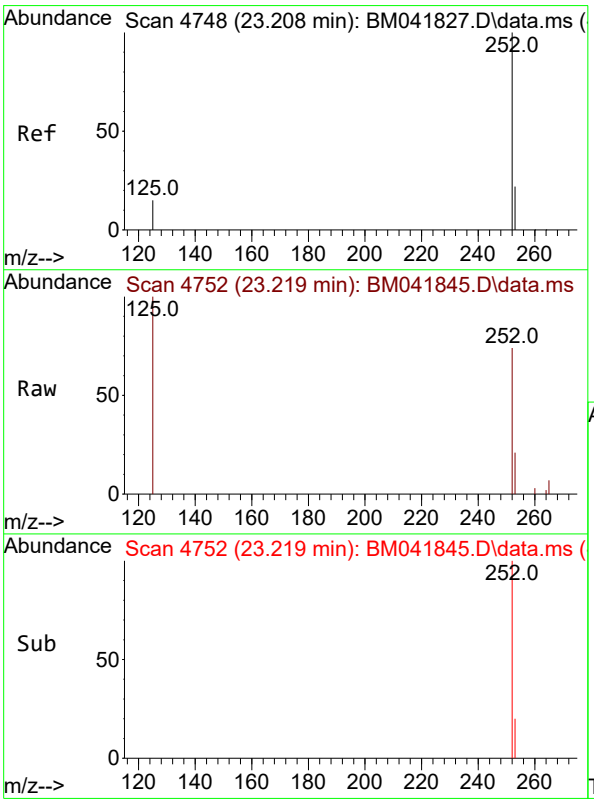
#22
Chrysene
Concen: 0.904 ng/ul
RT: 21.577 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM041845.D
Acq: 14 Sep 2023 00:19

Instrument :
BNA_M
ClientSampleId :
EZYJ9DL

Tgt Ion:228 Resp: 87757

Ion	Ratio	Lower	Upper
228	100		
226	34.7	27.0	40.4
229	25.5	15.7	23.5#

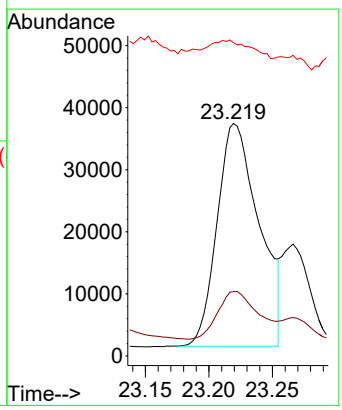


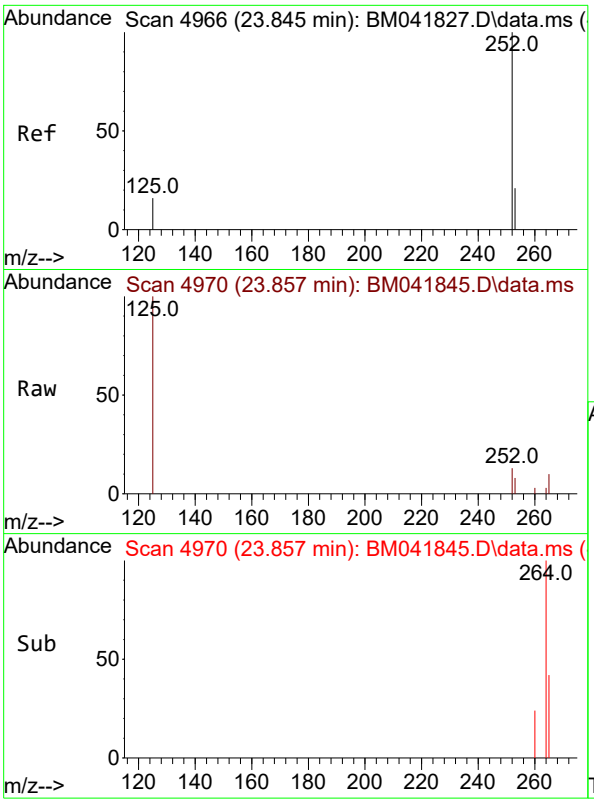


#24
Benzo(b)fluoranthene
Concen: 0.864 ng/ul
RT: 23.219 min Scan# 4752
Delta R.T. 0.012 min
Lab File: BM041845.D
Acq: 14 Sep 2023 00:19

Tgt Ion:252 Resp: 82714

Ion	Ratio	Lower	Upper
252	100		
253	27.7	0.0	51.0
125	134.8	0.0	39.8#



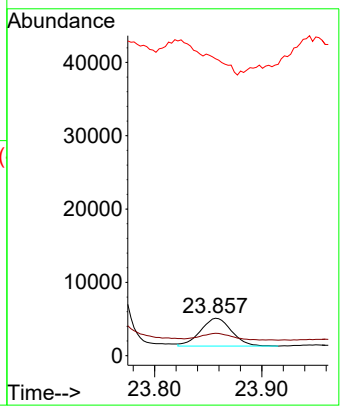


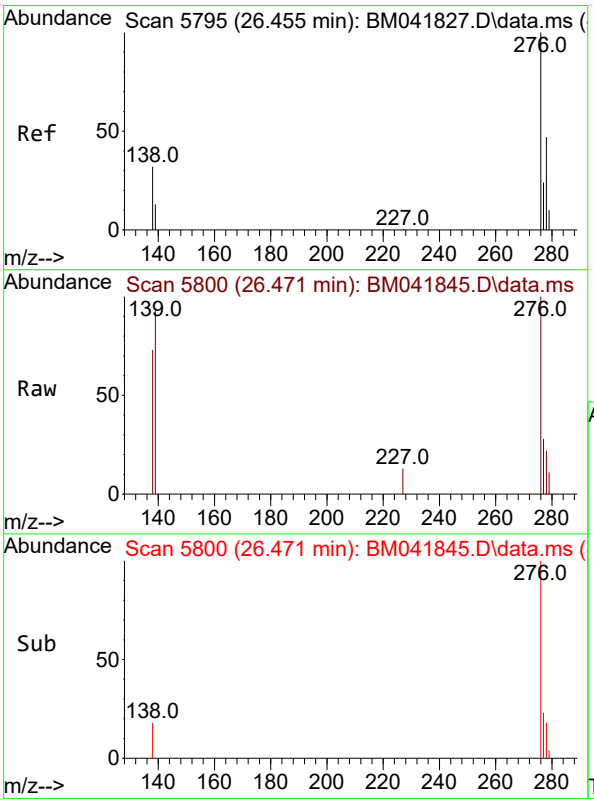
#26
Benzo(a)pyrene
Concen: 0.105 ng/ul
RT: 23.857 min Scan# 4
Delta R.T. 0.012 min
Lab File: BM041845.D
Acq: 14 Sep 2023 00:19

Instrument :
BNA_M
ClientSampleId :
EZYJ9DL

Tgt Ion:252 Resp: 7689

Ion	Ratio	Lower	Upper
252	100		
253	59.6	21.8	32.8#
125	791.4	18.8	28.2#

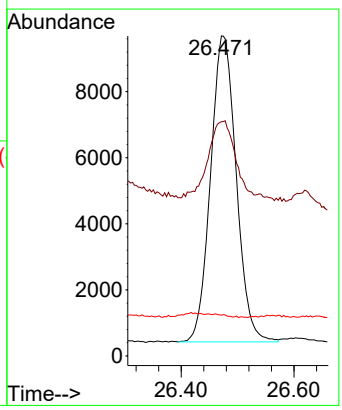


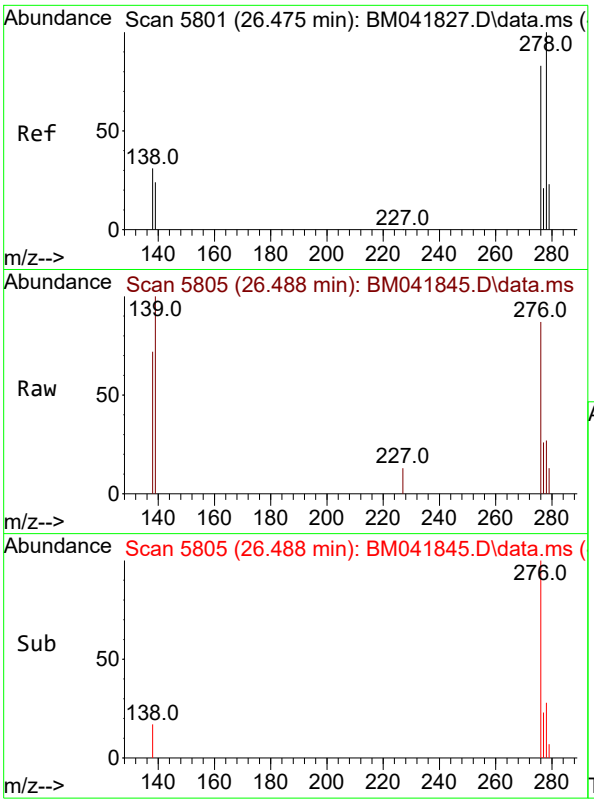


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.261 ng/ul
RT: 26.471 min Scan# 5800
Delta R.T. 0.017 min
Lab File: BM041845.D
Acq: 14 Sep 2023 00:19

Tgt Ion:276 Resp: 29256

Ion	Ratio	Lower	Upper
276	100		
138	32.6	27.7	41.5
227	0.0	0.1	0.1#



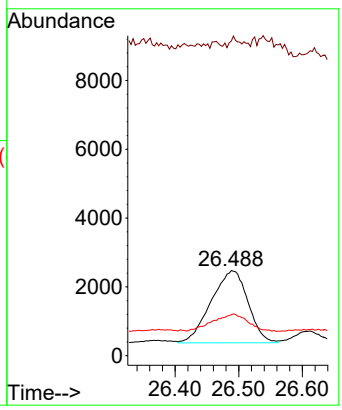


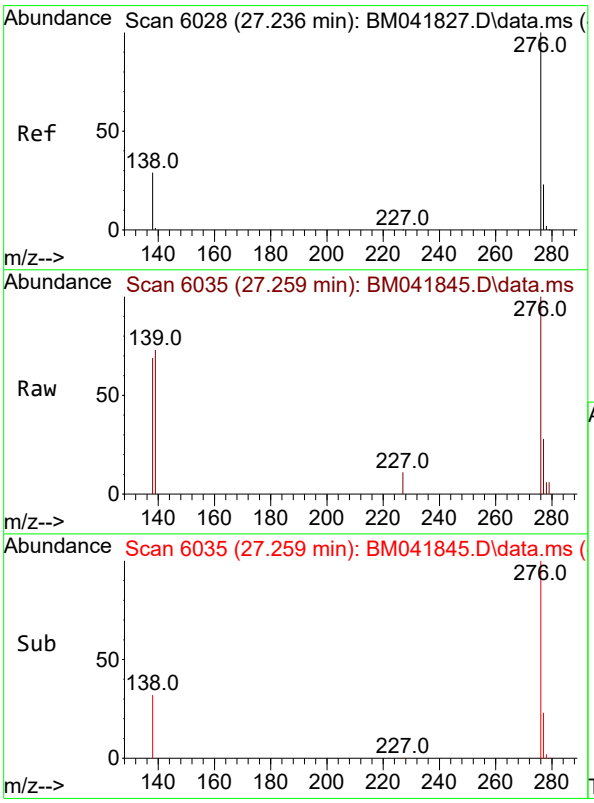
#28
Dibenzo(a,h)anthracene
Concen: 0.102 ng/ul
RT: 26.488 min Scan# 5
Delta R.T. 0.013 min
Lab File: BM041845.D
Acq: 14 Sep 2023 00:19

Instrument :
BNA_M
ClientSampleId :
EZYJ9DL

Tgt Ion:278 Resp: 8455

Ion	Ratio	Lower	Upper
278	100		
139	369.6	20.9	31.3#
279	48.0	20.3	30.5#





#29
Benzo(g,h,i)perylene
Concen: 0.362 ng/ul
RT: 27.259 min Scan# 6035
Delta R.T. 0.023 min
Lab File: BM041845.D
Acq: 14 Sep 2023 00:19

Tgt Ion:276 Resp: 34376

Ion	Ratio	Lower	Upper
276	100		
138	69.2	24.7	37.1#
277	27.5	19.3	28.9