Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040879.D
Acq On : 14 Jul 2023 15:02
Operator : MA/JU
Sample : 03418-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46J7

Quant Time: Jul 15 03:15:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	4349	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	15317	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	7453	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	14656	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	9143	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	9721	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	24754	3.624	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	5815	0.271	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	9371	0.320	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.713	128	1078	0.026	ng/ul#	75
10) Acenaphthylene	14.227	152	2089	0.063	ng/ul#	87
11) Acenaphthene	14.569	153	663	0.024	ng/ul	94
12) Fluorene	15.559	166	1002	0.033	ng/ul#	95
15) Phenanthrene	17.299	178	19660	0.432	ng/ul	99
16) Anthracene	17.392	178	3221	0.084	ng/ul#	93
19) Fluoranthene	19.320	202	44365	1.142	ng/ul	97
20) Pyrene	19.682	202	39921	0.959	ng/ul	99
21) Benzo(a)anthracene	21.437	228	15299	0.495	ng/ul	96
22) Chrysene	21.486	228	17974	0.509	ng/ul	97
24) Benzo(b)fluoranthene	23.108	252	23598	0.627	ng/ul	99
26) Benzo(a)pyrene	23.725	252	16118	0.476	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.287	276	12089	0.256	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.297	278	2852	0.077	ng/ul#	62
29) Benzo(g,h,i)perylene	27.048	276	13176	0.319	ng/ul	99

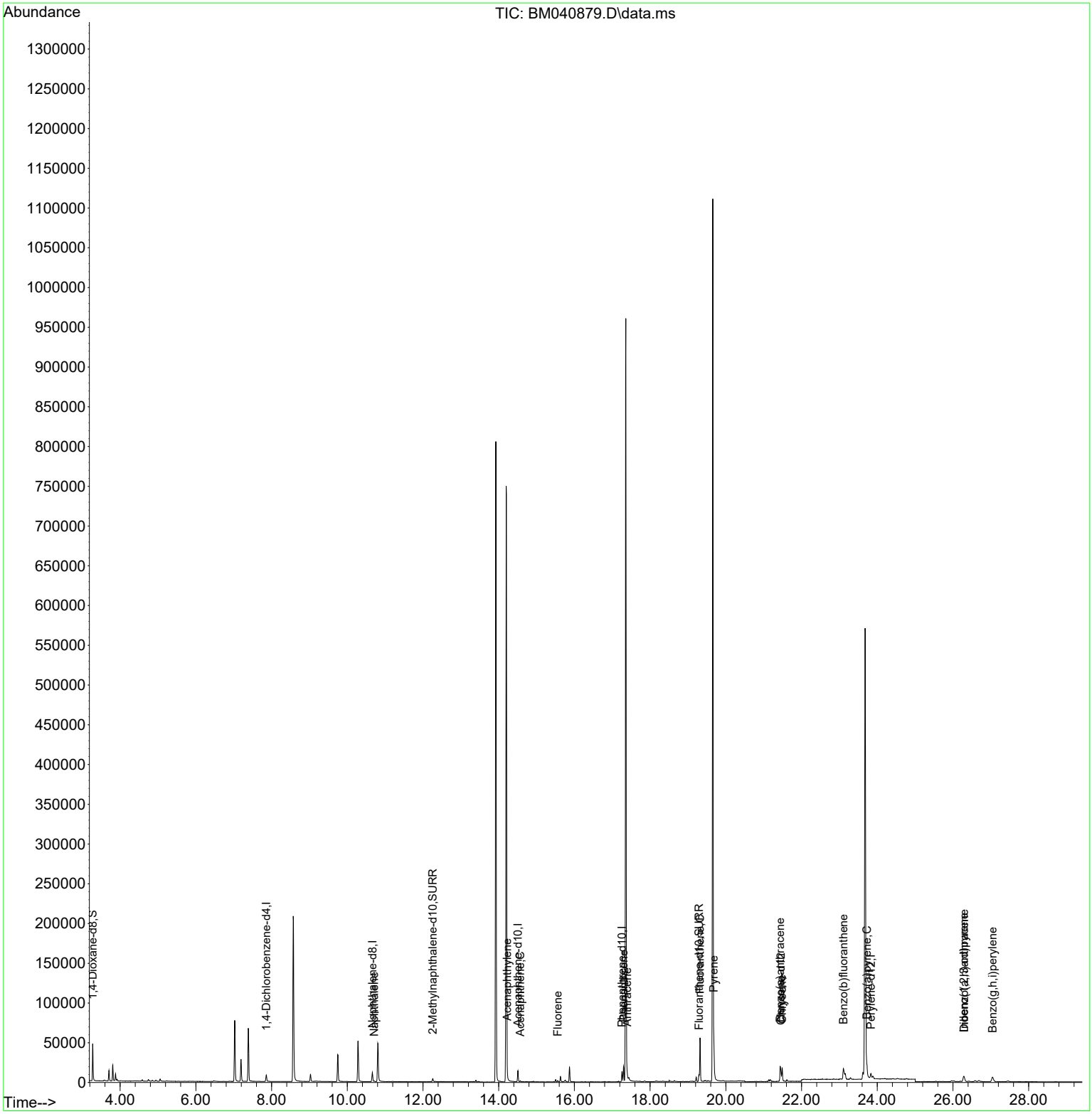
(#) = qualifier out of range (m) = manual integration (+) = signals summed

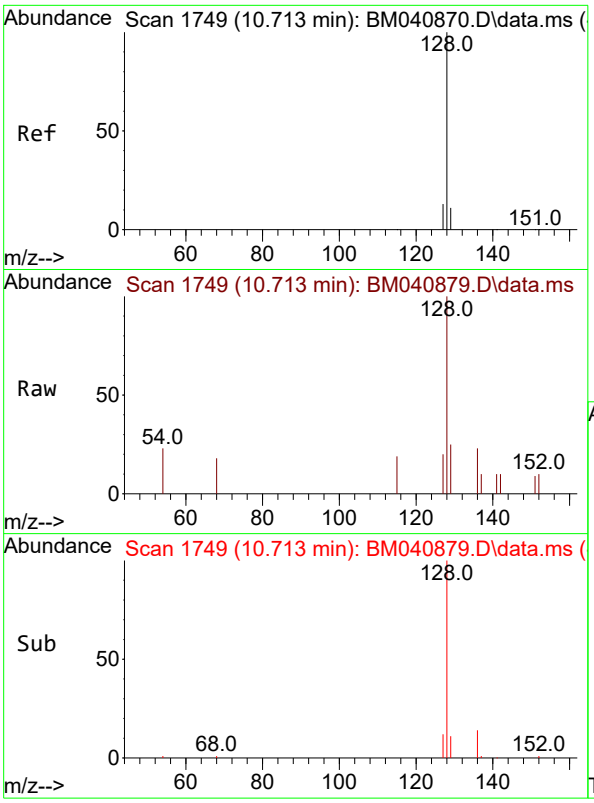
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040879.D
Acq On : 14 Jul 2023 15:02
Operator : MA/JU
Sample : 03418-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46J7

Quant Time: Jul 15 03:15:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration



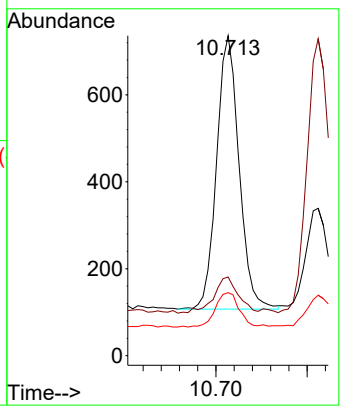


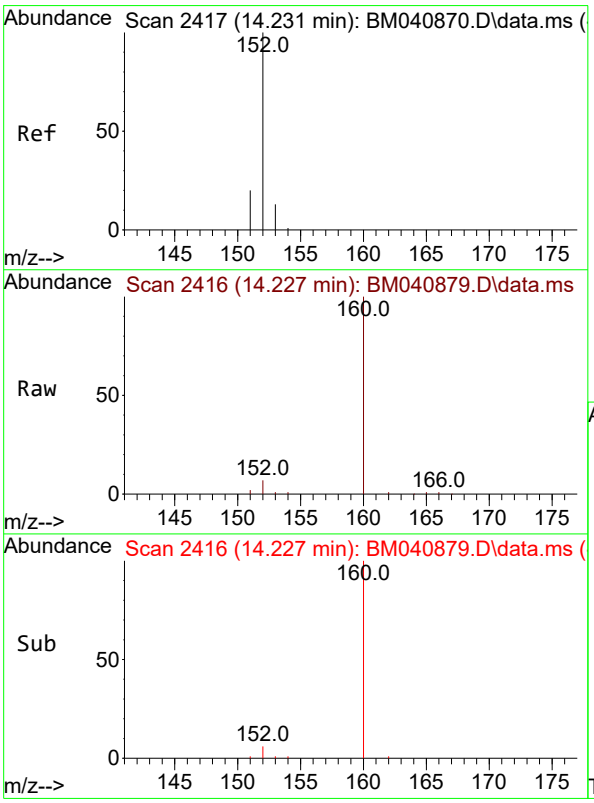
#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.713 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

Instrument :
BNA_M
ClientSampleId :
A46J7

Tgt Ion:128 Resp: 1078

Ion	Ratio	Lower	Upper
128	100		
129	24.6	9.2	13.8#
127	19.7	10.6	15.8#

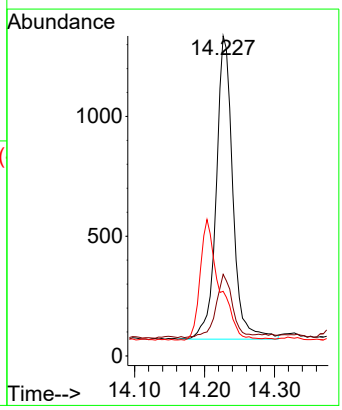


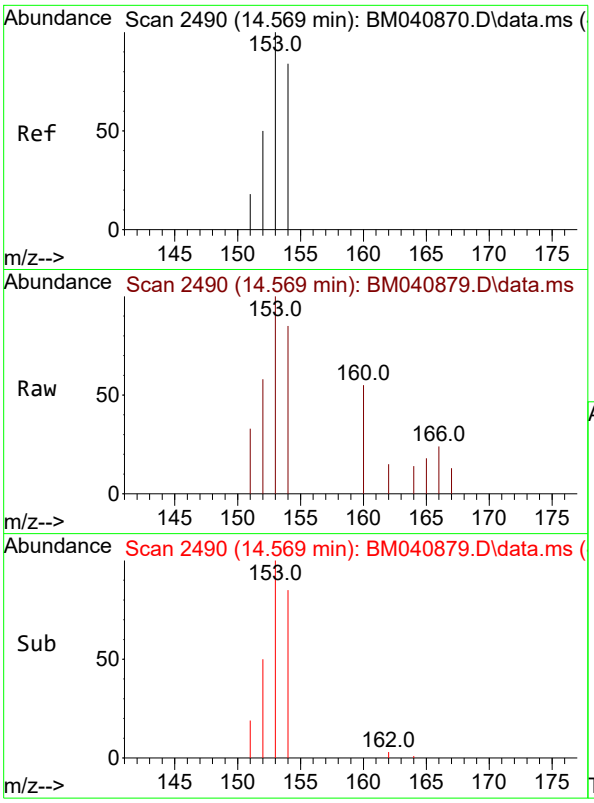


#10
Acenaphthylene
Concen: 0.063 ng/ul
RT: 14.227 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

Tgt Ion:152 Resp: 2089

Ion	Ratio	Lower	Upper
152	100		
151	25.5	16.2	24.2#
153	20.2	10.9	16.3#



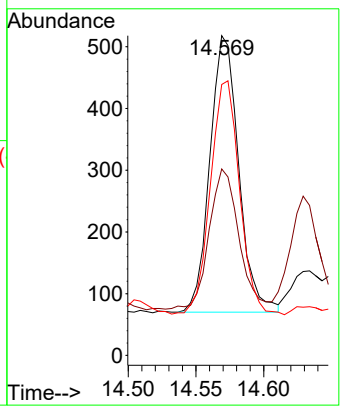


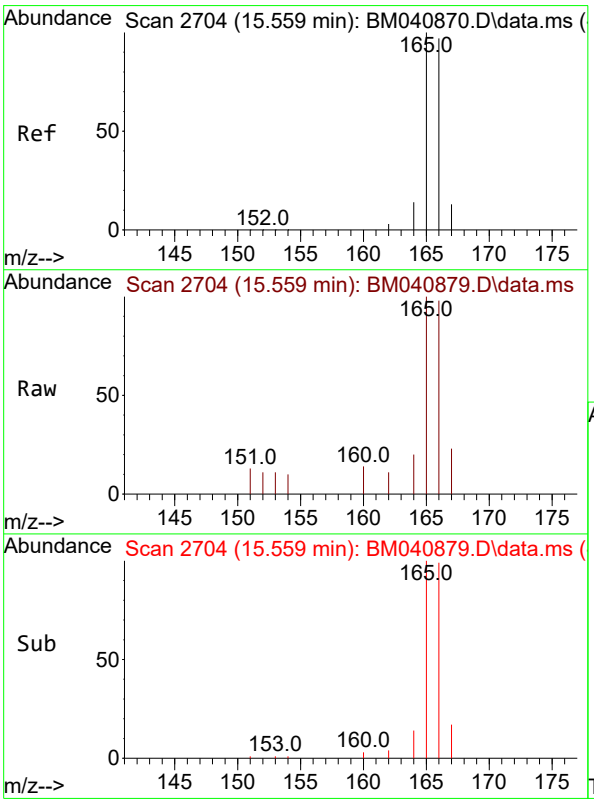
#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.569 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

Instrument :
BNA_M
ClientSampleId :
A46J7

Tgt Ion:153 Resp: 663

Ion	Ratio	Lower	Upper
153	100		
152	58.3	41.0	61.4
154	84.7	70.8	106.2

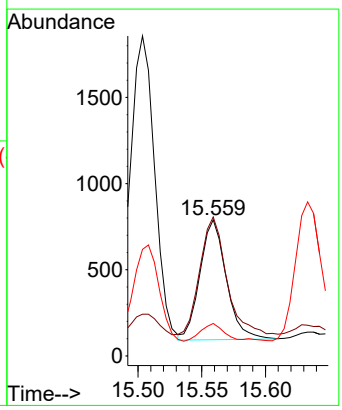


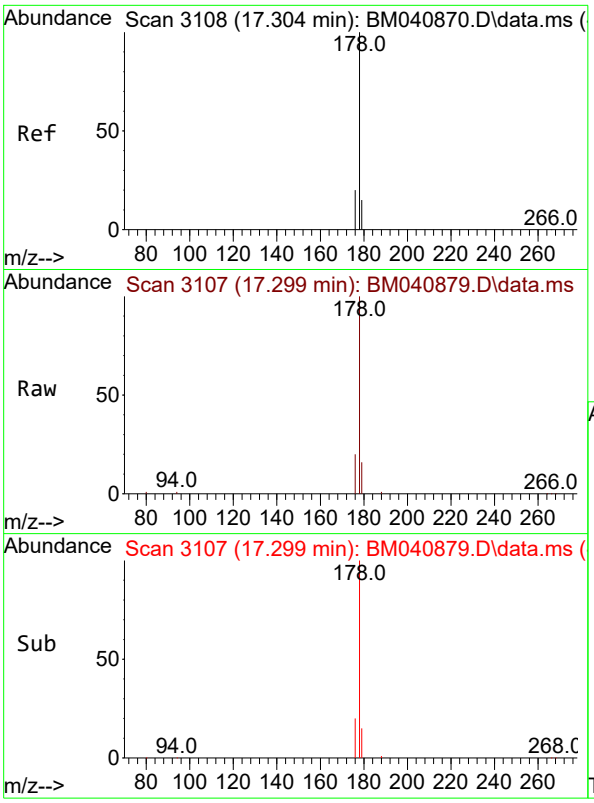


#12
Fluorene
Concen: 0.033 ng/ul
RT: 15.559 min Scan# 2704
Delta R.T. -0.004 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

Tgt Ion:166 Resp: 1002

Ion	Ratio	Lower	Upper
166	100		
165	102.2	79.6	119.4
167	23.8	11.4	17.0#



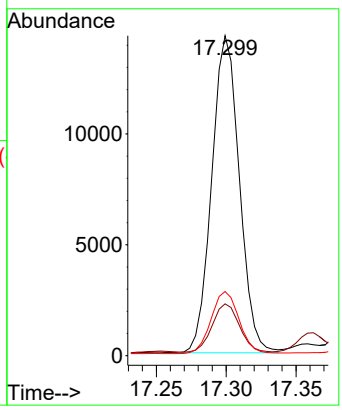


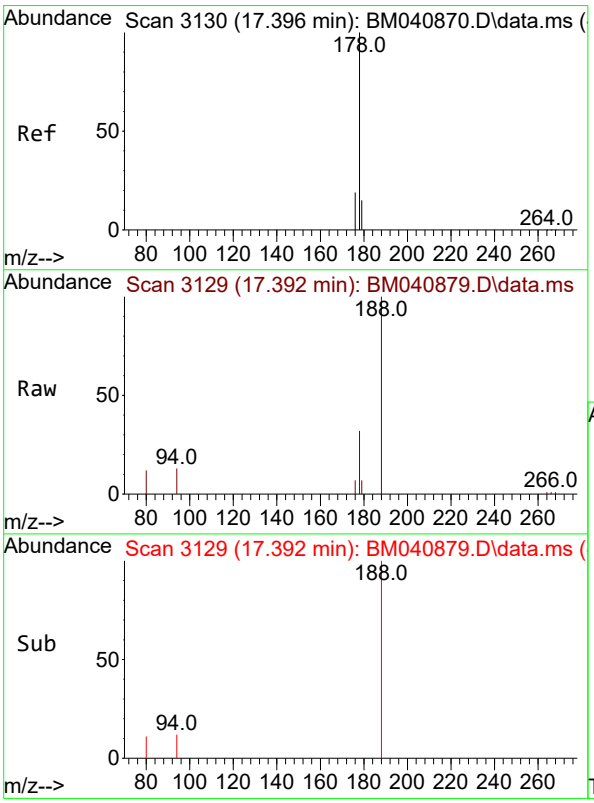
#15
Phenanthrene
Concen: 0.432 ng/ul
RT: 17.299 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

Instrument :
BNA_M
ClientSampleId :
A46J7

Tgt Ion:178 Resp: 19660

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.8	19.2
176	20.1	16.4	24.6

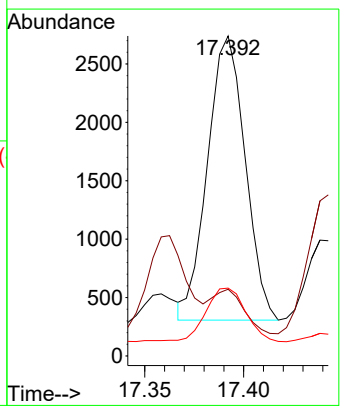


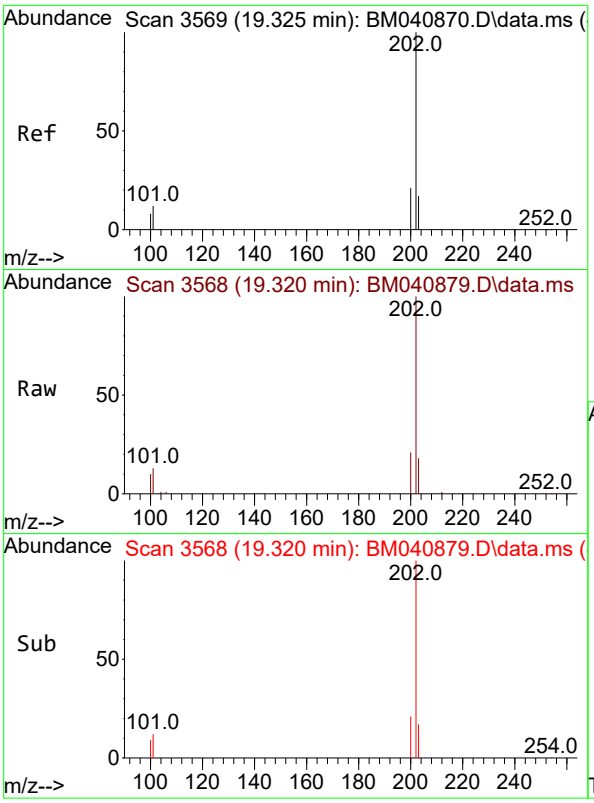


#16
Anthracene
Concen: 0.084 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

Tgt Ion:178 Resp: 3221

Ion	Ratio	Lower	Upper
178	100		
179	20.8	12.9	19.3#
176	21.2	15.8	23.6



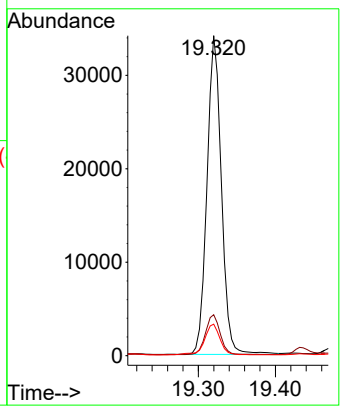


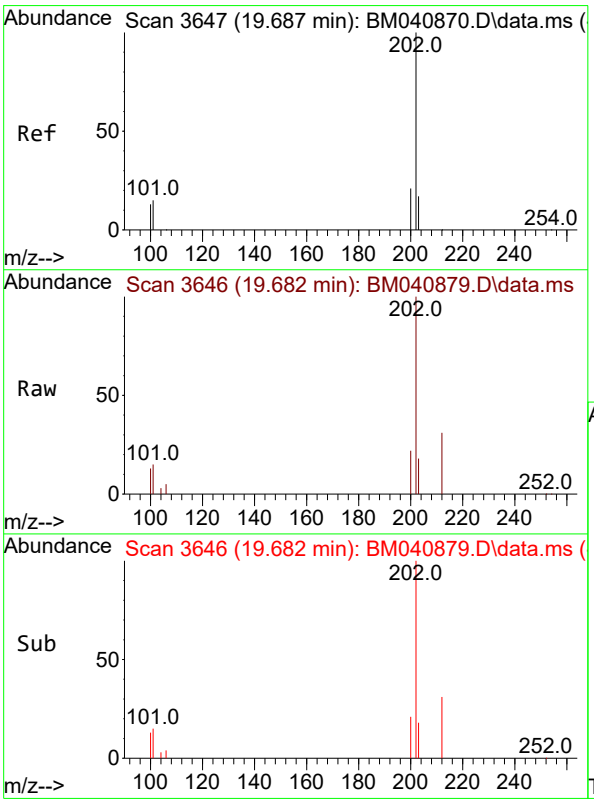
#19
Fluoranthene
Concen: 1.142 ng/ul
RT: 19.320 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

Instrument :
BNA_M
ClientSampleId :
A46J7

Tgt Ion:202 Resp: 44365

Ion	Ratio	Lower	Upper
202	100		
101	12.8	11.4	17.0
100	9.9	8.7	13.1

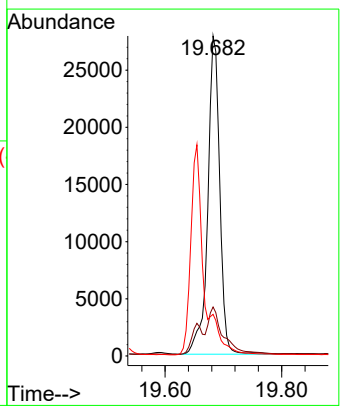


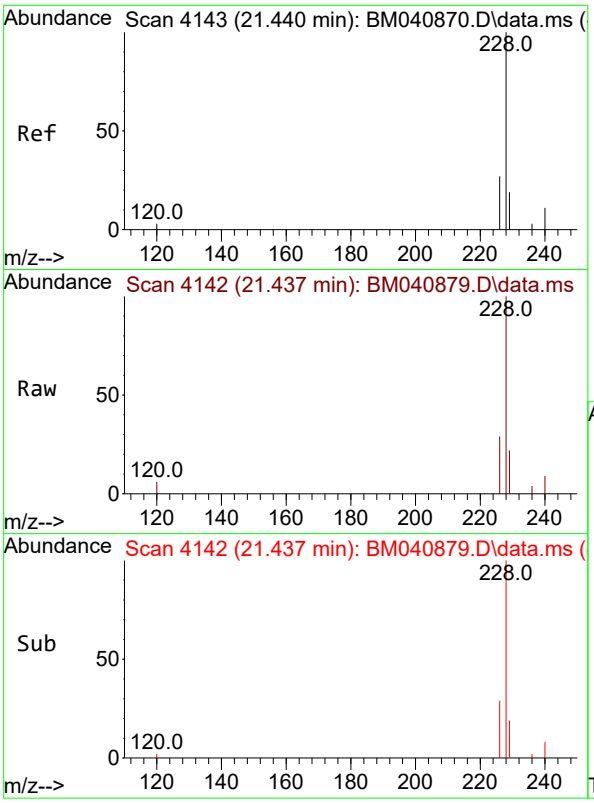


#20
Pyrene
Concen: 0.959 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

Tgt Ion:202 Resp: 39921

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.6	18.8
100	13.0	9.8	14.6



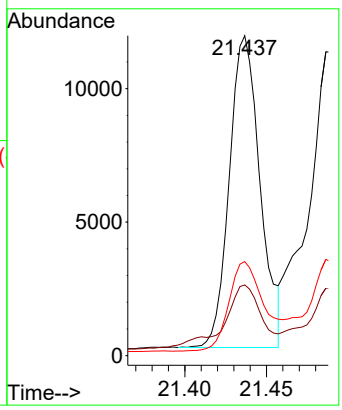


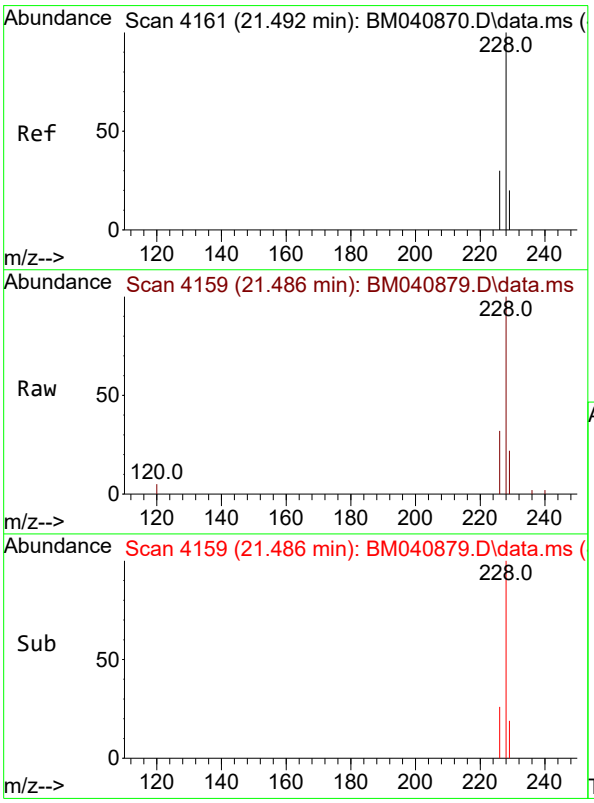
#21
Benzo(a)anthracene
Concen: 0.495 ng/ul
RT: 21.437 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

Instrument :
BNA_M
ClientSampleId :
A46J7

Tgt Ion:228 Resp: 15299

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.0	24.0
226	29.4	22.3	33.5

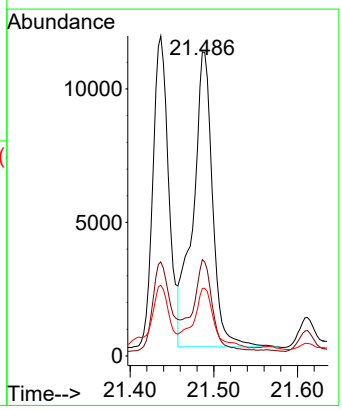


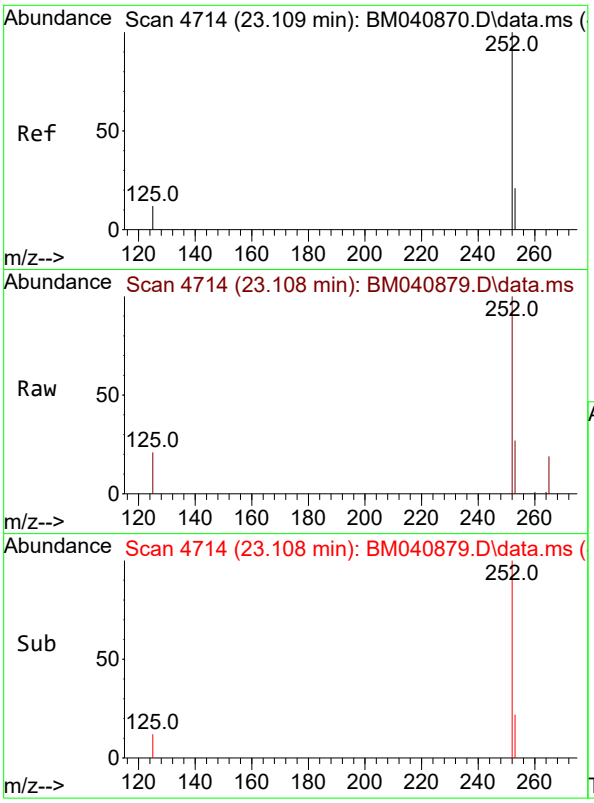


#22
Chrysene
Concen: 0.509 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.011 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

Tgt Ion:228 Resp: 17974

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	22.2	15.8	23.6



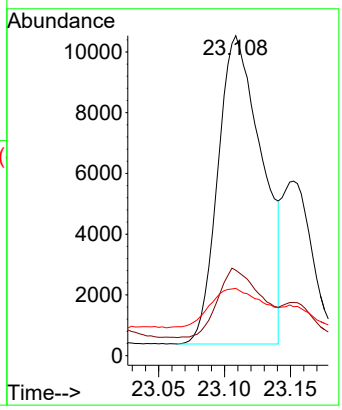


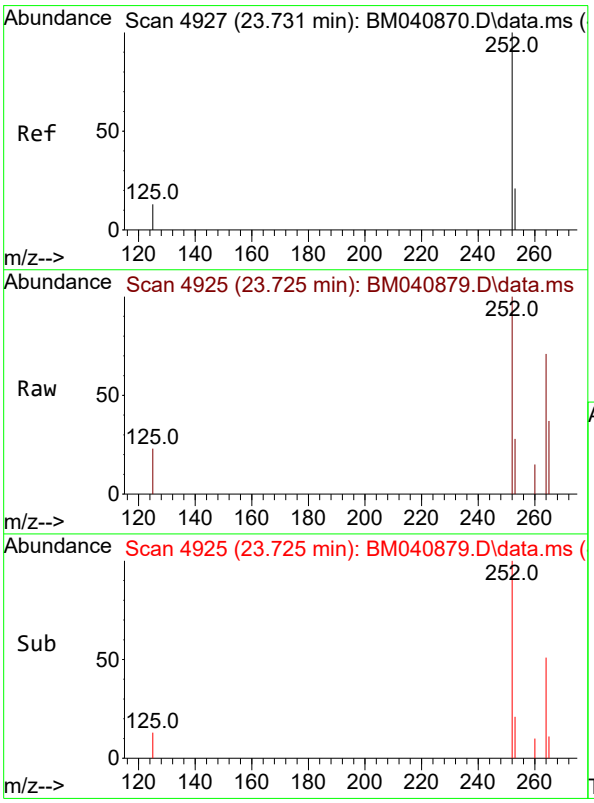
#24
Benzo(b)fluoranthene
Concen: 0.627 ng/ul
RT: 23.108 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

Instrument :
BNA_M
ClientSampleId :
A46J7

Tgt Ion:252 Resp: 23598

Ion	Ratio	Lower	Upper
252	100		
253	26.7	0.0	52.8
125	21.0	0.0	43.0

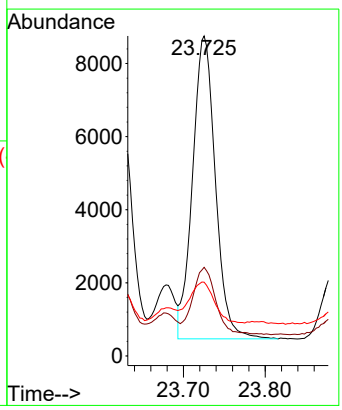


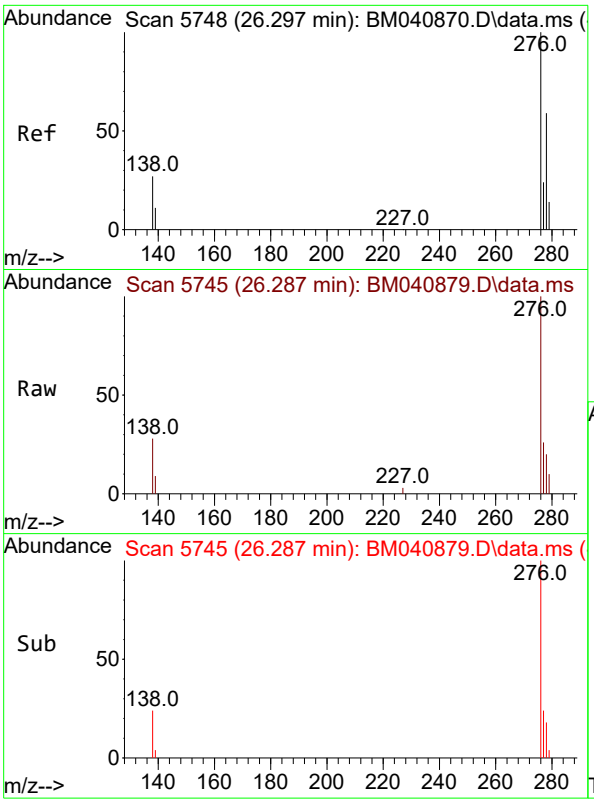


#26
Benzo(a)pyrene
Concen: 0.476 ng/ul
RT: 23.725 min Scan# 4925
Delta R.T. -0.014 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

Tgt Ion:252 Resp: 16118

Ion	Ratio	Lower	Upper
252	100		
253	27.7	22.9	34.3
125	23.1	21.0	31.4



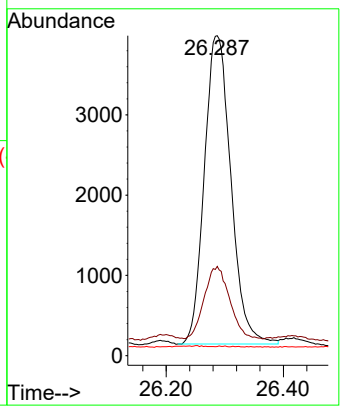


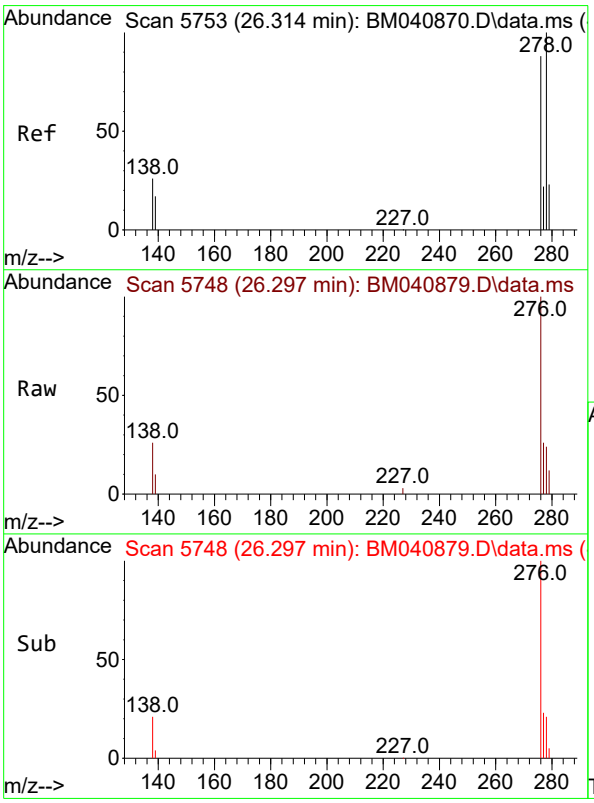
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.256 ng/ul
RT: 26.287 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

Instrument :
BNA_M
ClientSampleId :
A46J7

Tgt Ion:276 Resp: 12089

Ion	Ratio	Lower	Upper
276	100		
138	22.6	24.5	36.7#
227	0.1	0.1	0.1

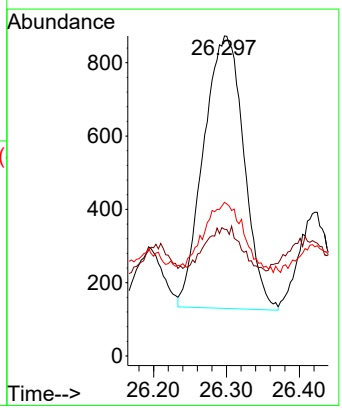


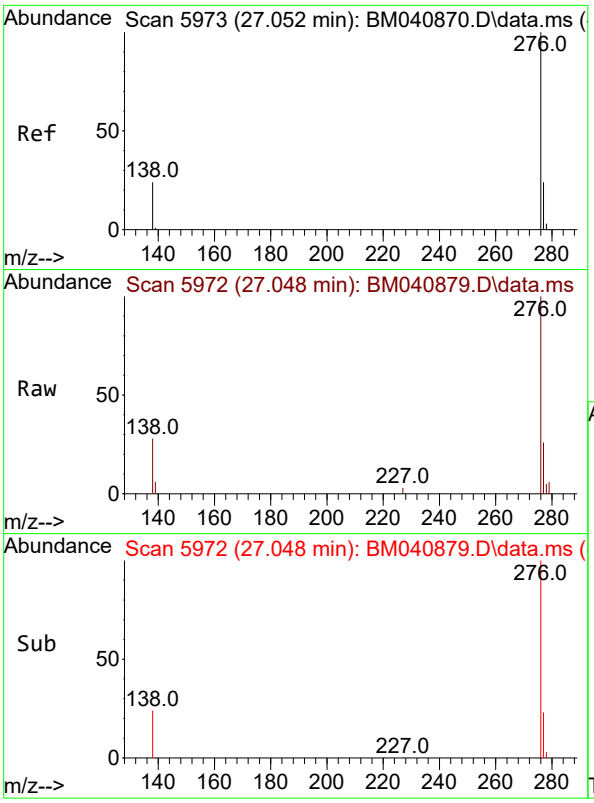


#28
Dibenzo(a,h)anthracene
Concen: 0.077 ng/ul
RT: 26.297 min Scan# 5748
Delta R.T. -0.030 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

Tgt Ion:278 Resp: 2852

Ion	Ratio	Lower	Upper
278	100		
139	39.6	17.9	26.9#
279	48.0	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.319 ng/ul
RT: 27.048 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

Instrument :
BNA_M
ClientSampleId :
A46J7

Tgt Ion:276 Resp: 13176

Ion	Ratio	Lower	Upper
276	100		
138	27.7	23.0	34.6
277	25.6	20.3	30.5