Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041029.D
Acq On : 21 Jul 2023 22:30
Operator : MA/JU
Sample : 03444-13DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 21 23:51:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 18:20:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	4521	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	16274	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.518	164	8616	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.270	188	20336	0.400	ng/ul	0.00
17) Chrysene-d12	21.460	240	12687	0.400	ng/ul	0.00
23) Perylene-d12	23.851	264	12627	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	13983	1.881	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	3753	0.173	ng/ul	0.00
18) Fluoranthene-d10	19.301	212	7256	0.136	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.719	128	4351	0.098	ng/ul	95
10) Acenaphthylene	14.236	152	1250	0.035	ng/ul#	77
11) Acenaphthene	14.578	153	1504	0.047	ng/ul	97
12) Fluorene	15.568	166	1663	0.050	ng/ul#	96
15) Phenanthrene	17.312	178	31307	0.515	ng/ul	99
16) Anthracene	17.405	178	4437	0.094	ng/ul#	94
19) Fluoranthene	19.329	202	60667	0.926	ng/ul	95
20) Pyrene	19.692	202	50573	0.756	ng/ul	96
21) Benzo(a)anthracene	21.445	228	17802	0.461	ng/ul	98
22) Chrysene	21.498	228	20301	0.459	ng/ul	98
24) Benzo(b)fluoranthene	23.123	252	23313	0.481	ng/ul	95
26) Benzo(a)pyrene	23.740	252	12515	0.299	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.324	276	11840	0.213	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.330	278	3018	0.072	ng/ul#	74
29) Benzo(g,h,i)perylene	27.082	276	12263	0.239	ng/ul	96

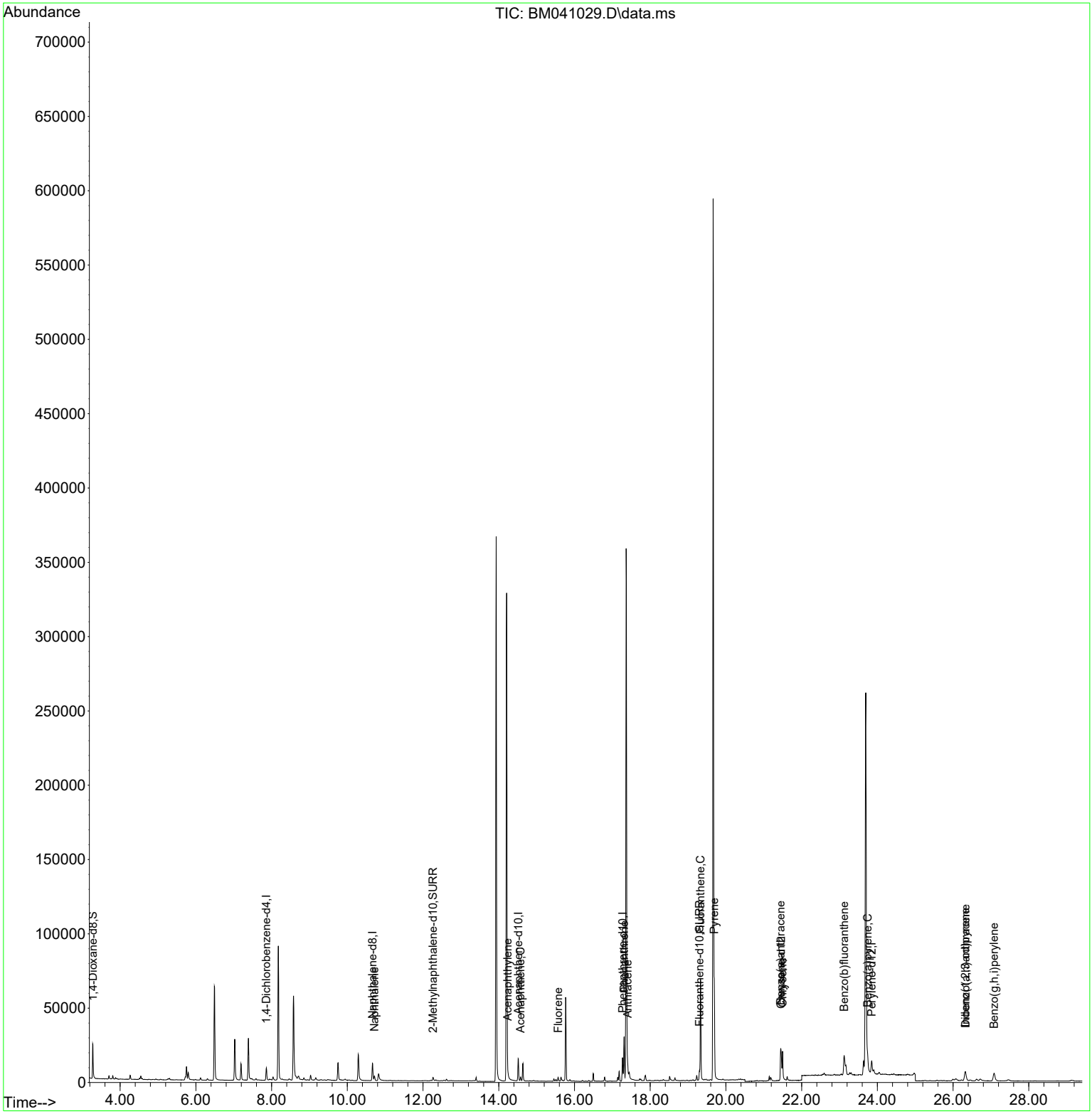
(#) = qualifier out of range (m) = manual integration (+) = signals summed

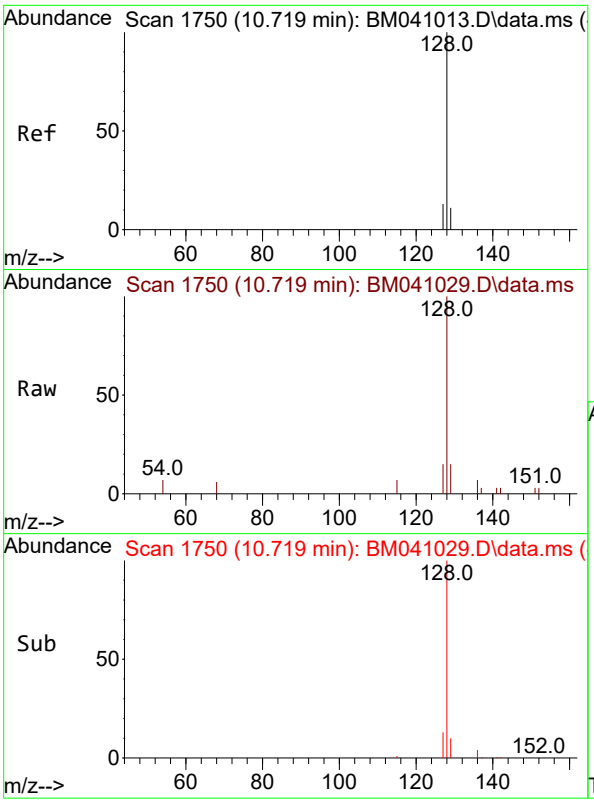
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041029.D
Acq On : 21 Jul 2023 22:30
Operator : MA/JU
Sample : 03444-13DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 21 23:51:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 18:20:46 2023
Response via : Initial Calibration



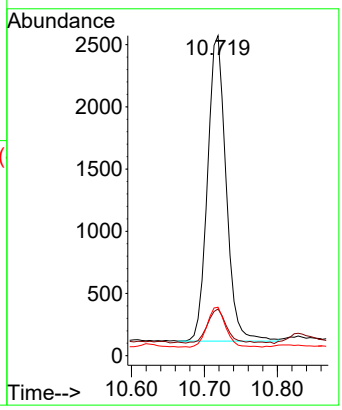


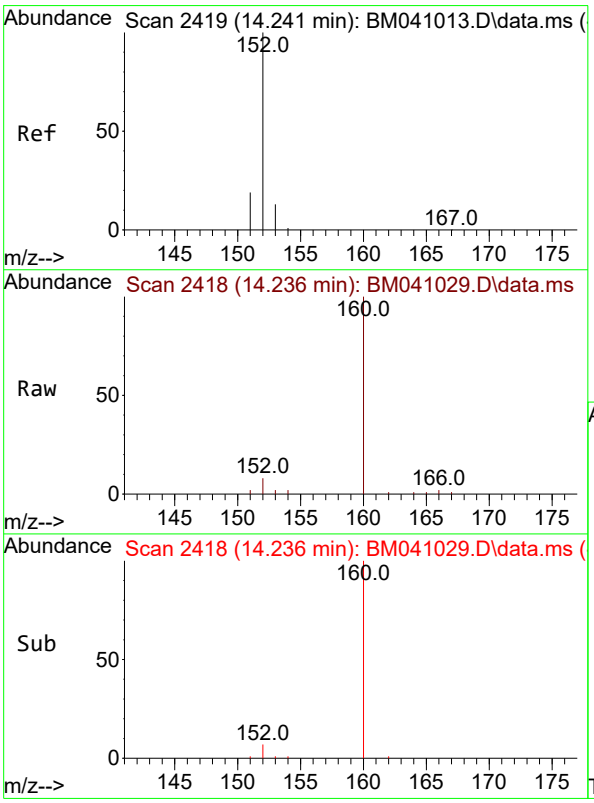
#5
Naphthalene
Concen: 0.098 ng/ul
RT: 10.719 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 4351

Ion	Ratio	Lower	Upper
128	100		
129	14.6	9.8	14.8
127	15.2	11.0	16.4

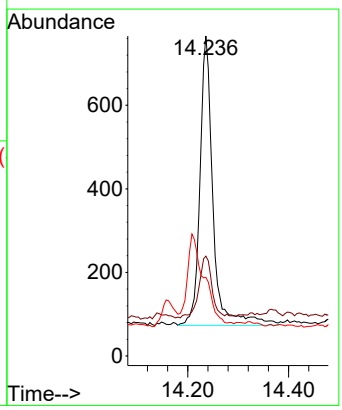


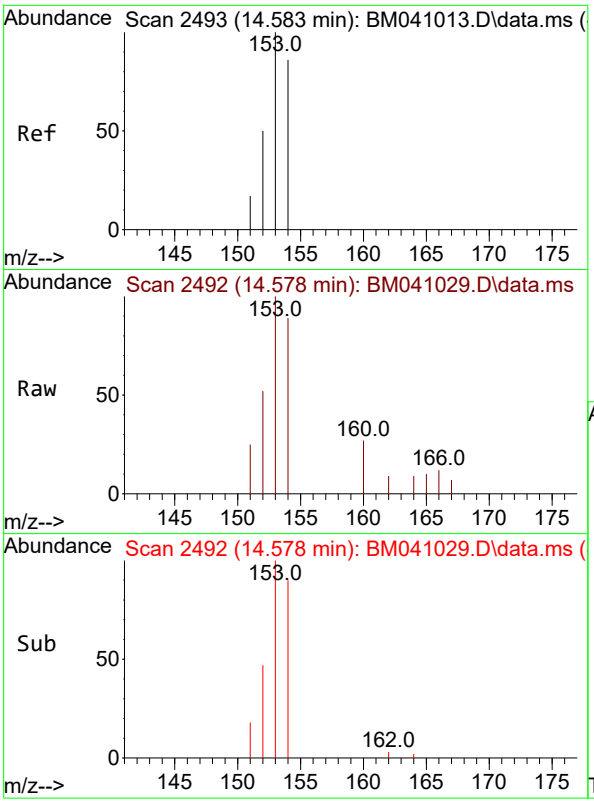


#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 14.236 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

Tgt Ion:152 Resp: 1250

Ion	Ratio	Lower	Upper
152	100		
151	31.2	16.8	25.2#
153	24.5	11.6	17.4#



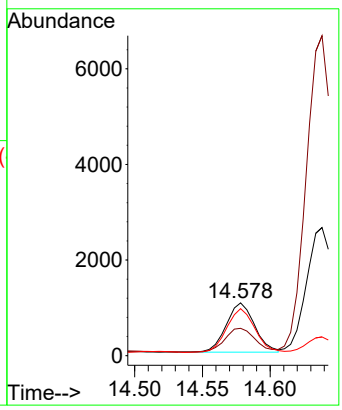


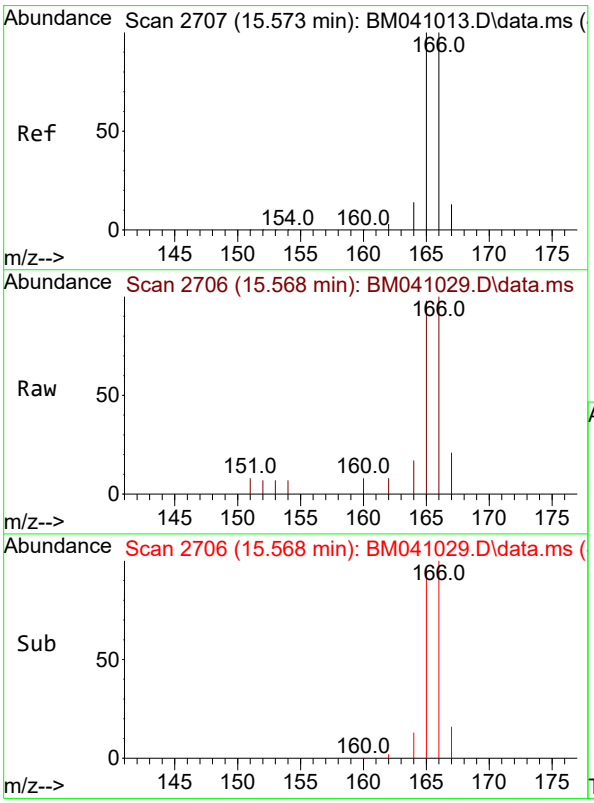
#11
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.578 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 1504

Ion	Ratio	Lower	Upper
153	100		
152	51.8	41.0	61.6
154	89.3	68.2	102.2

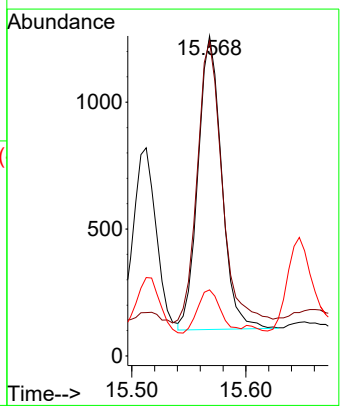


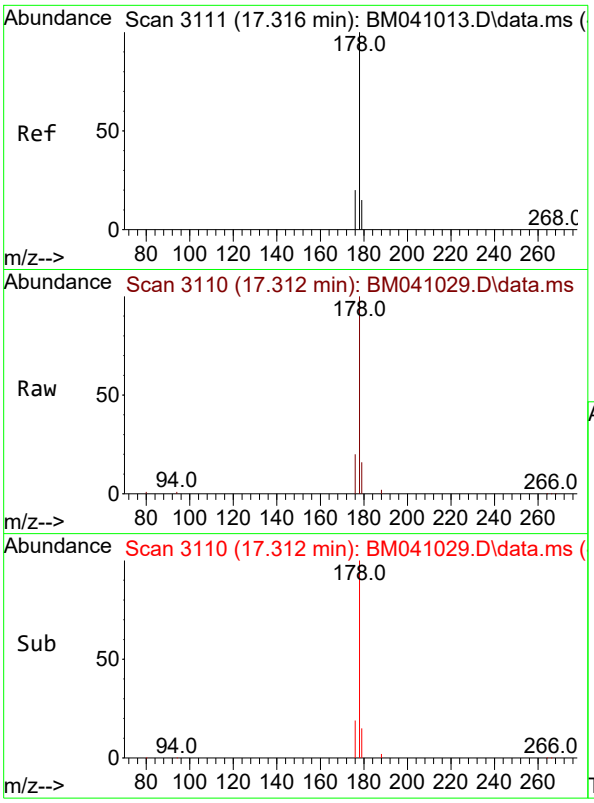


#12
Fluorene
Concen: 0.050 ng/ul
RT: 15.568 min Scan# 2706
Delta R.T. -0.005 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

Tgt Ion:166 Resp: 1663

Ion	Ratio	Lower	Upper
166	100		
165	98.4	80.3	120.5
167	20.6	11.7	17.5#



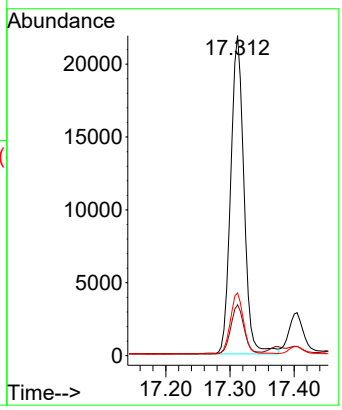


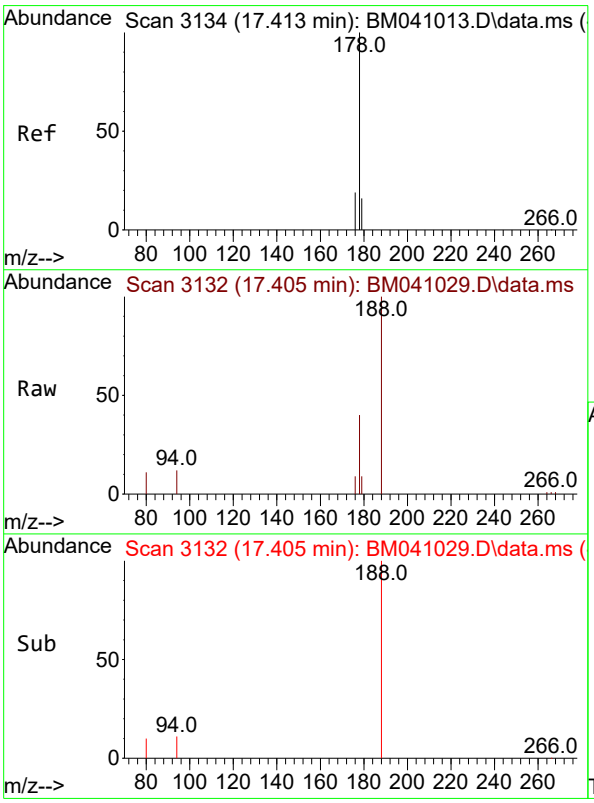
#15
Phenanthrene
Concen: 0.515 ng/ul
RT: 17.312 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 31307

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.6
176	19.6	16.2	24.4

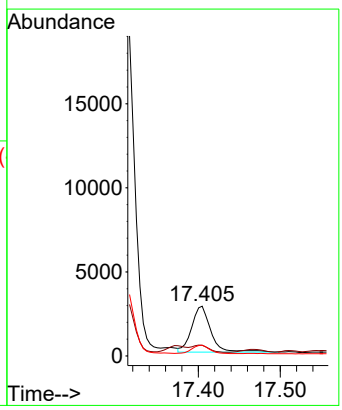


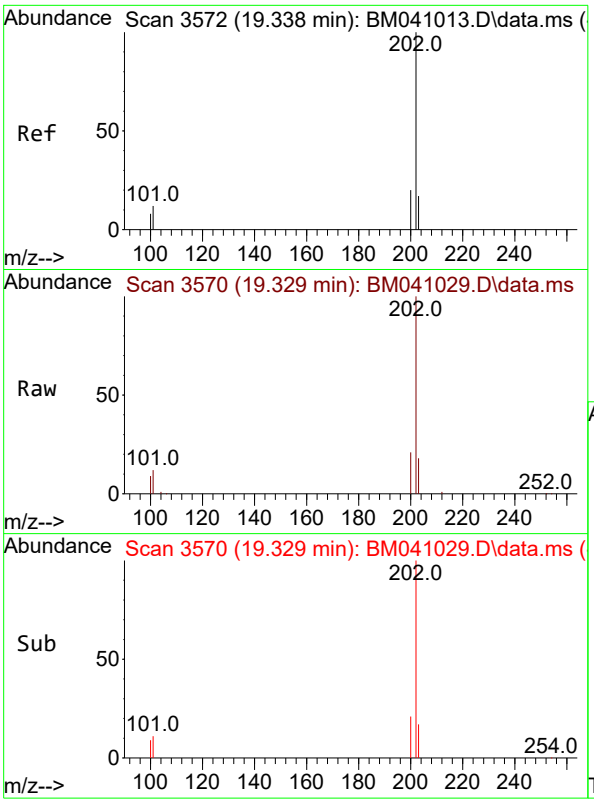


#16
Anthracene
Concen: 0.094 ng/ul
RT: 17.405 min Scan# 3132
Delta R.T. -0.009 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

Tgt Ion:178 Resp: 4437

Ion	Ratio	Lower	Upper
178	100		
179	21.7	13.7	20.5#
176	21.5	16.4	24.6



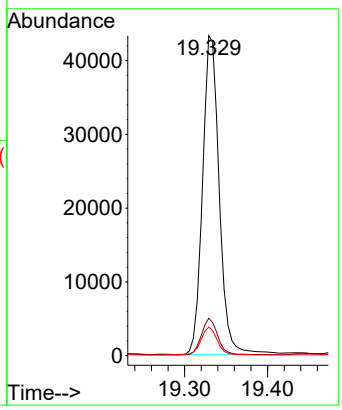


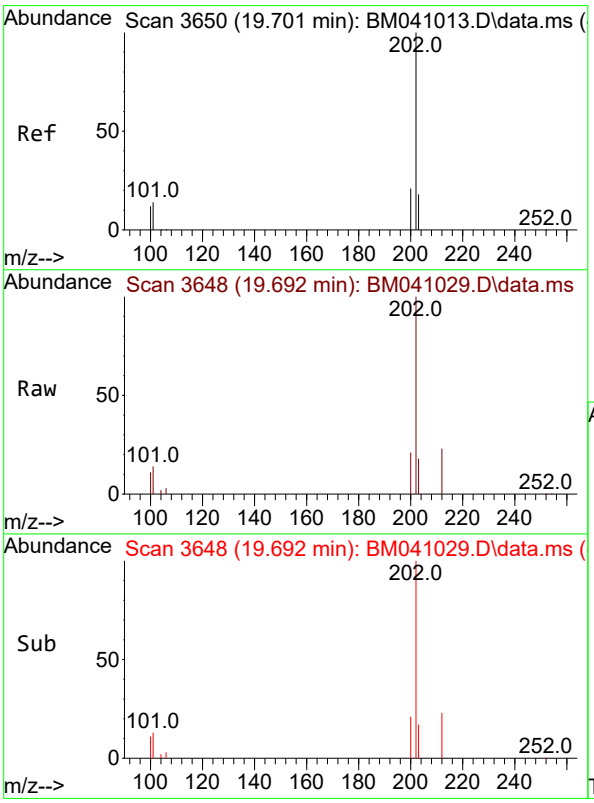
#19
Fluoranthene
Concen: 0.926 ng/ul
RT: 19.329 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 60667

Ion	Ratio	Lower	Upper
202	100		
101	11.7	11.0	16.4
100	8.9	8.3	12.5

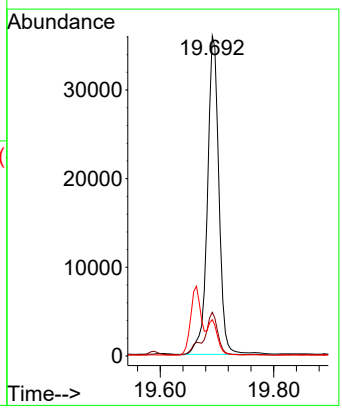


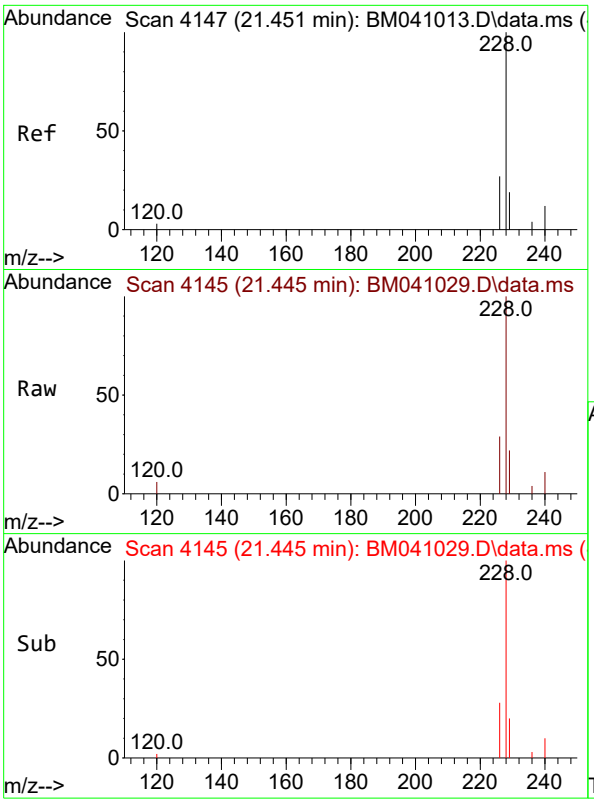


#20
Pyrene
Concen: 0.756 ng/ul
RT: 19.692 min Scan# 3648
Delta R.T. -0.009 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

Tgt Ion:202 Resp: 50573

Ion	Ratio	Lower	Upper
202	100		
101	13.6	12.5	18.7
100	11.4	10.0	15.0



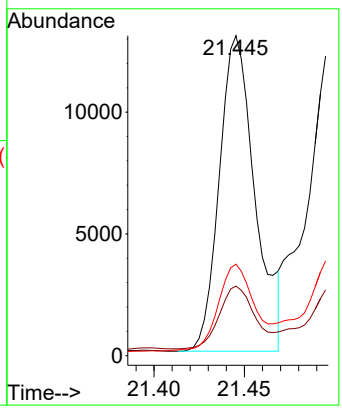


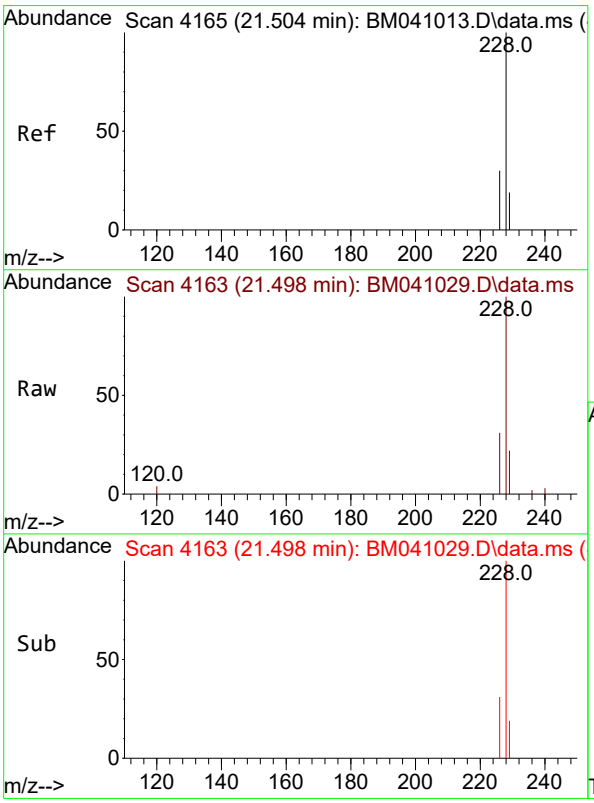
#21
Benzo(a)anthracene
Concen: 0.461 ng/ul
RT: 21.445 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 17802

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.2	24.4
226	28.6	22.3	33.5

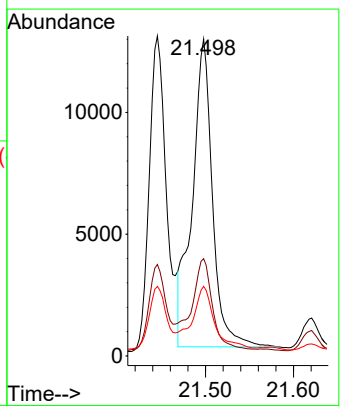


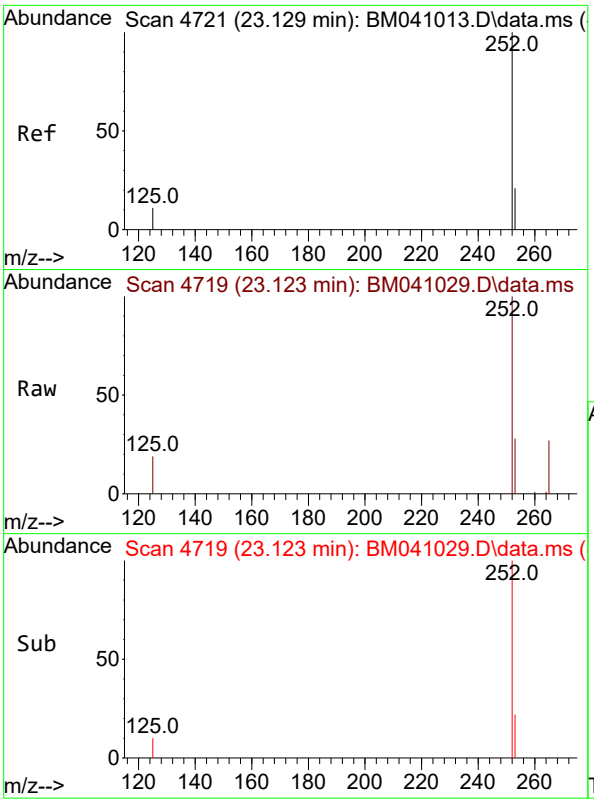


#22
Chrysene
Concen: 0.459 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.006 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

Tgt Ion:228 Resp: 20301

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	22.0	16.1	24.1



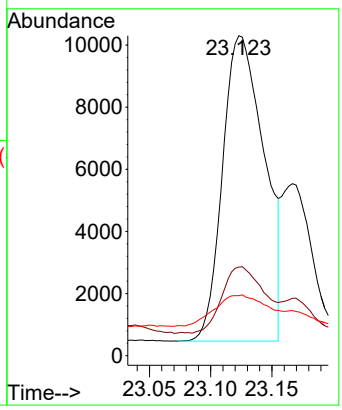


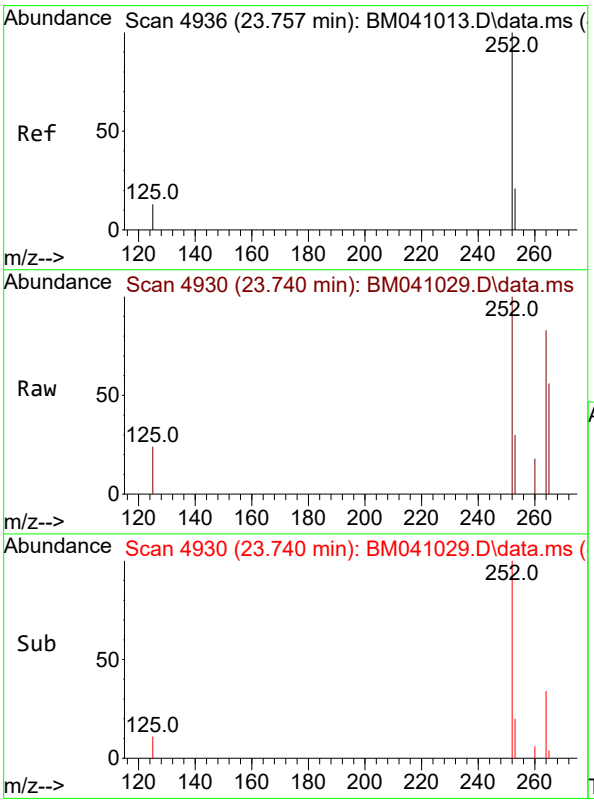
#24
Benzo(b)fluoranthene
Concen: 0.481 ng/ul
RT: 23.123 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 23313

Ion	Ratio	Lower	Upper
252	100		
253	27.7	0.0	57.4
125	18.8	0.0	45.2

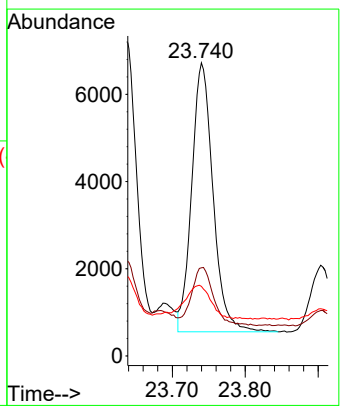


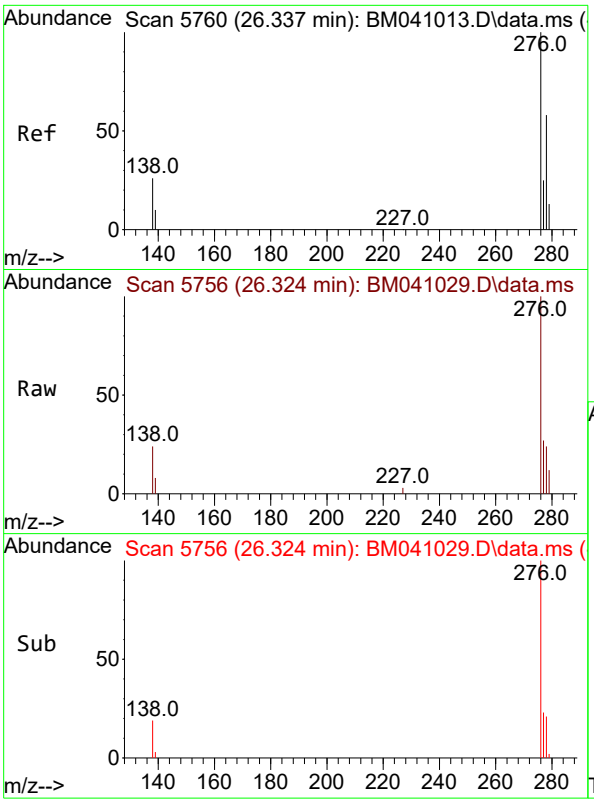


#26
Benzo(a)pyrene
Concen: 0.299 ng/ul
RT: 23.740 min Scan# 4930
Delta R.T. -0.018 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

Tgt Ion:252 Resp: 12515

Ion	Ratio	Lower	Upper
252	100		
253	30.1	28.2	42.2
125	23.8	25.2	37.8#



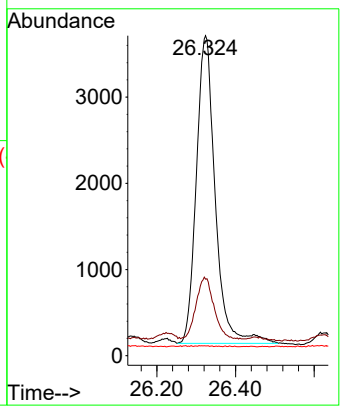


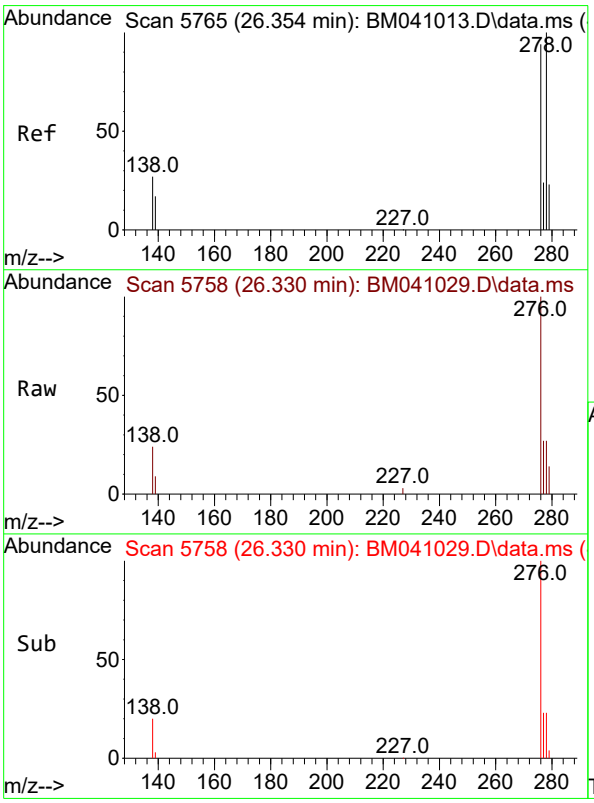
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.213 ng/ul
RT: 26.324 min Scan# 5
Delta R.T. -0.014 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 11840

Ion	Ratio	Lower	Upper
276	100		
138	19.7	22.3	33.5#
227	0.1	0.0	0.0#

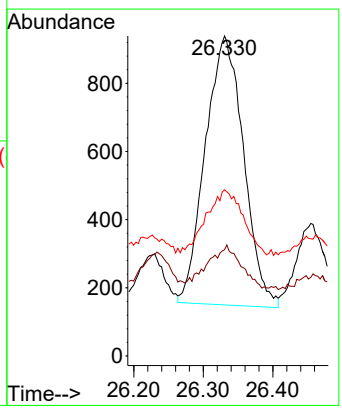


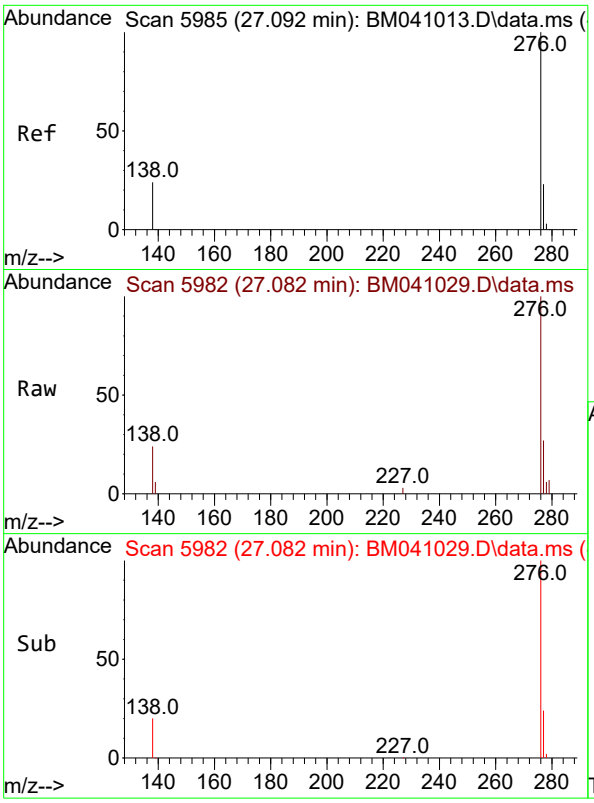


#28
Dibenzo(a,h)anthracene
Concen: 0.072 ng/ul
RT: 26.330 min Scan# 5758
Delta R.T. -0.024 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

Tgt Ion:278 Resp: 3018

Ion	Ratio	Lower	Upper
278	100		
139	33.2	19.2	28.8#
279	52.0	27.0	40.6#





#29
Benzo(g,h,i)perylene
Concen: 0.239 ng/ul
RT: 27.082 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 12263

Ion	Ratio	Lower	Upper
276	100		
138	24.2	22.6	34.0
277	26.5	21.2	31.8