Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041108.D
Acq On : 25 Jul 2023 16:27
Operator : MA/JU
Sample : 03534-06
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4718

Quant Time: Jul 26 04:40:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration

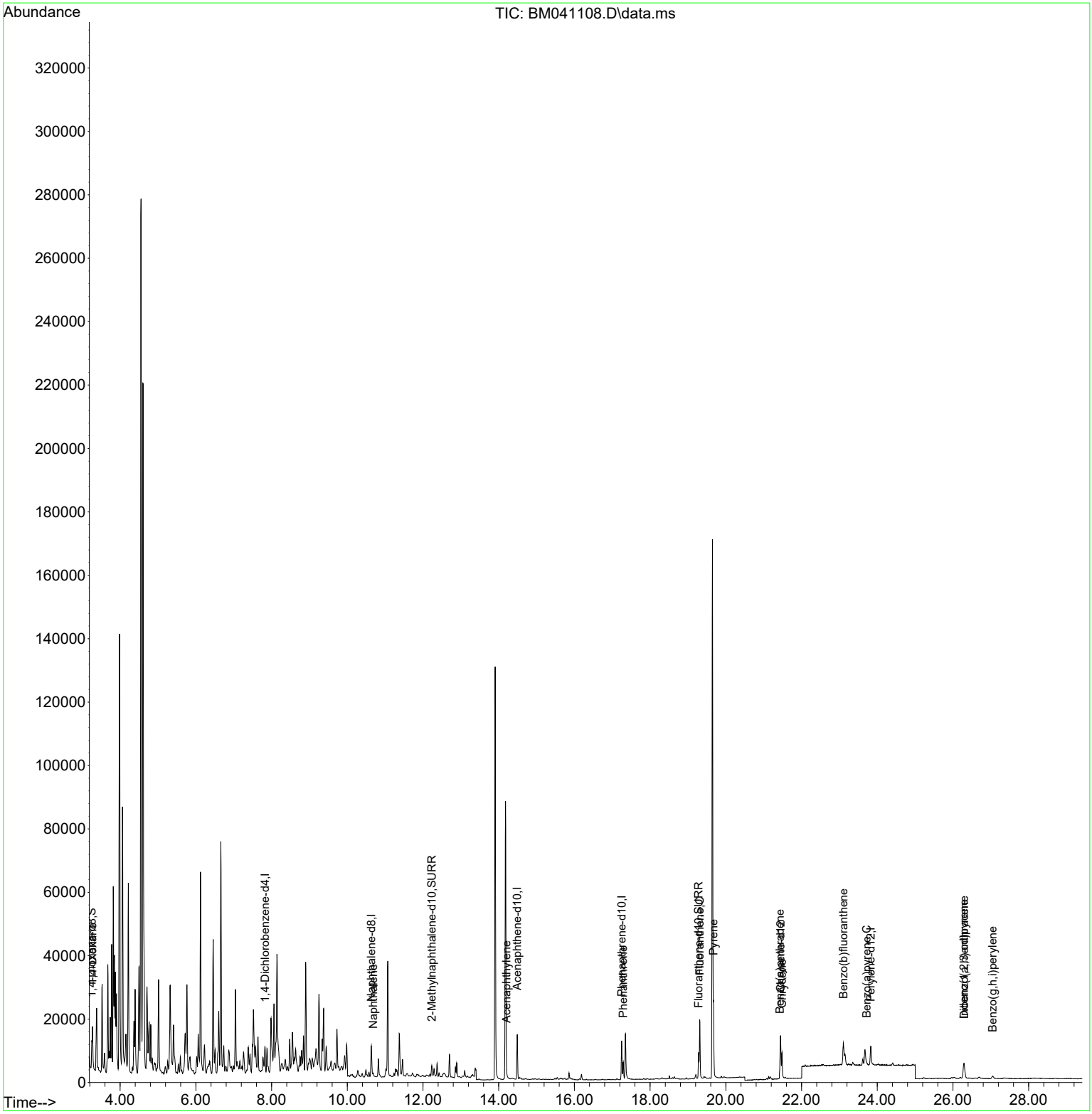
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	4186	0.400	ng/ul		0.00
4) Naphthalene-d8	10.636	136	14536	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.490	164	7598	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.248	188	14804	0.400	ng/ul		0.00
17) Chrysene-d12	21.448	240	12099	0.400	ng/ul		0.00
23) Perylene-d12	23.830	264	8959	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.250	96	4789	0.742	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.231	152	5260	0.253	ng/ul		0.00
18) Fluoranthene-d10	19.283	212	9483	0.288	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	2024	0.307	ng/ul	#	1
5) Naphthalene	10.686	128	1742	0.037	ng/ul	#	78
10) Acenaphthylene	14.208	152	875	0.027	ng/ul	#	59
15) Phenanthrene	17.291	178	5930	0.130	ng/ul		97
19) Fluoranthene	19.310	202	15781	0.364	ng/ul		98
20) Pyrene	19.673	202	18627	0.390	ng/ul		99
21) Benzo(a)anthracene	21.431	228	4433	0.110	ng/ul		92
22) Chrysene	21.483	228	8332	0.178	ng/ul		96
24) Benzo(b)fluoranthene	23.105	252	11577	0.324	ng/ul		88
26) Benzo(a)pyrene	23.722	252	850	0.029	ng/ul	#	1
27) Indeno(1,2,3-cd)pyrene	26.290	276	10000	0.234	ng/ul	#	89
28) Dibenzo(a,h)anthracene	26.294	278	1551	0.046	ng/ul	#	17
29) Benzo(g,h,i)perylene	27.051	276	1836	0.048	ng/ul	#	64

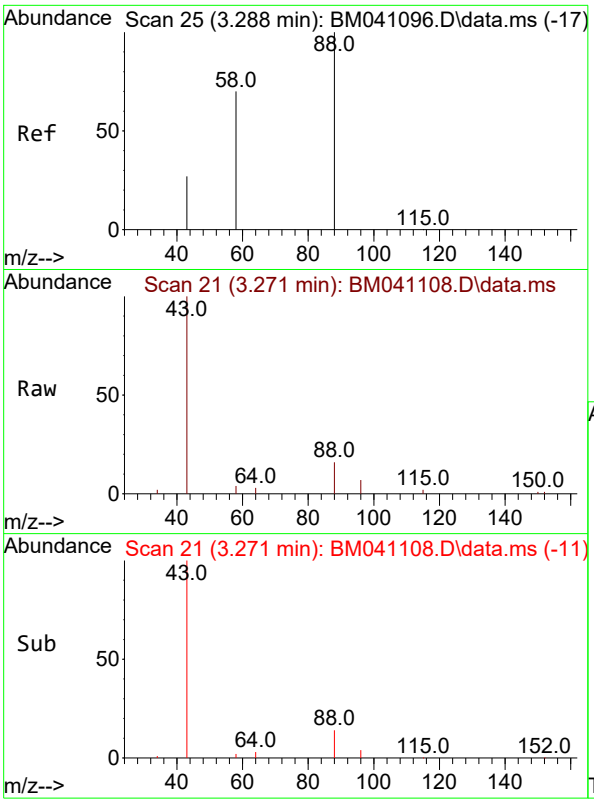
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041108.D
Acq On : 25 Jul 2023 16:27
Operator : MA/JU
Sample : 03534-06
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4718

Quant Time: Jul 26 04:40:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration



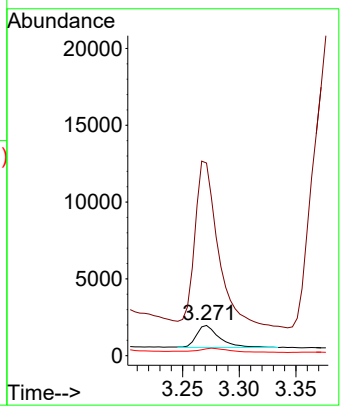


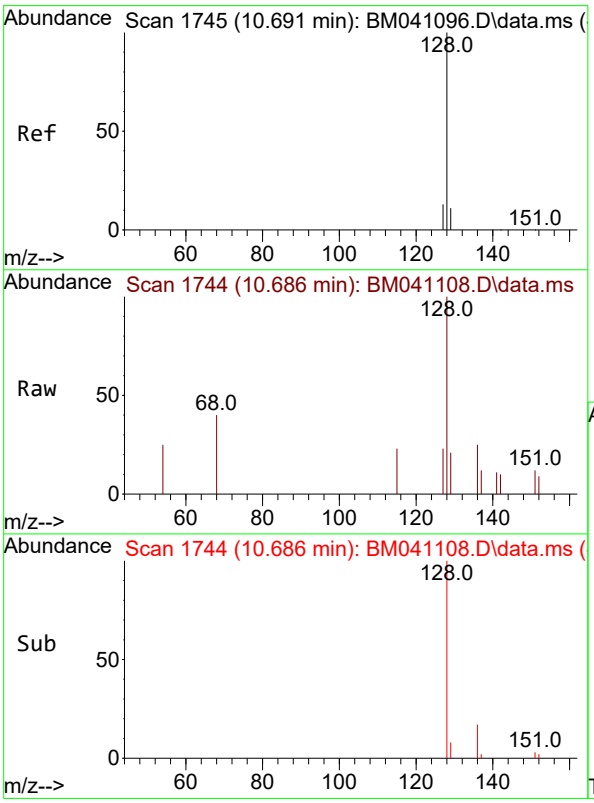
#2
1,4-Dioxane
Concen: 0.307 ng/ul
RT: 3.271 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM041108.D
Acq: 25 Jul 2023 16:27

Instrument :
BNA_P
ClientSampleId :
A4718

Tgt Ion: 88 Resp: 2024

Ion	Ratio	Lower	Upper
88	100		
43	636.1	83.1	124.7#
58	22.7	38.8	58.2#

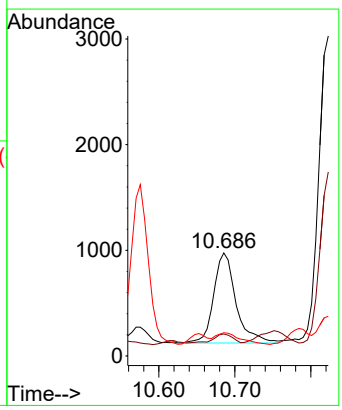


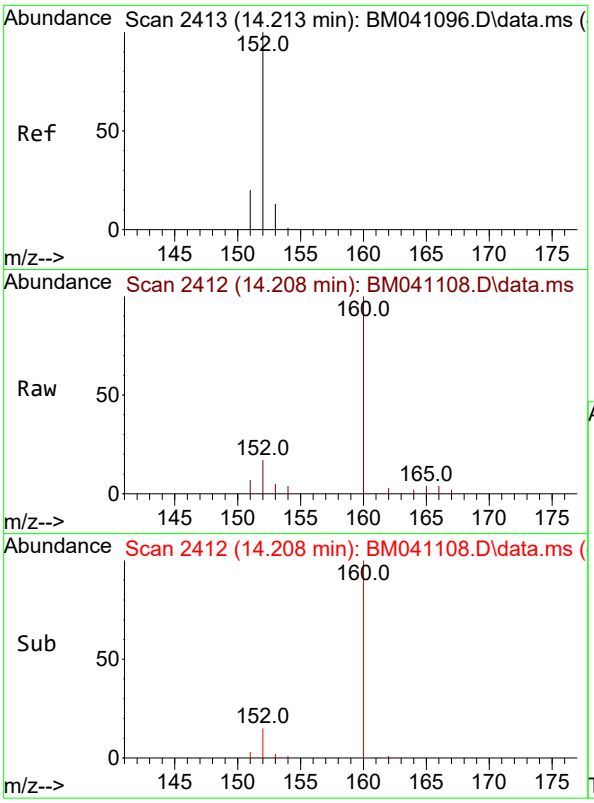


#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.686 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM041108.D
Acq: 25 Jul 2023 16:27

Tgt Ion:128 Resp: 1742

Ion	Ratio	Lower	Upper
128	100		
129	21.3	9.8	14.8#
127	22.5	11.1	16.7#



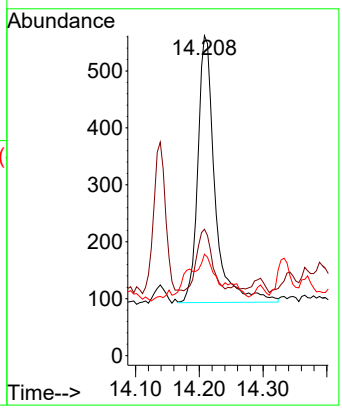


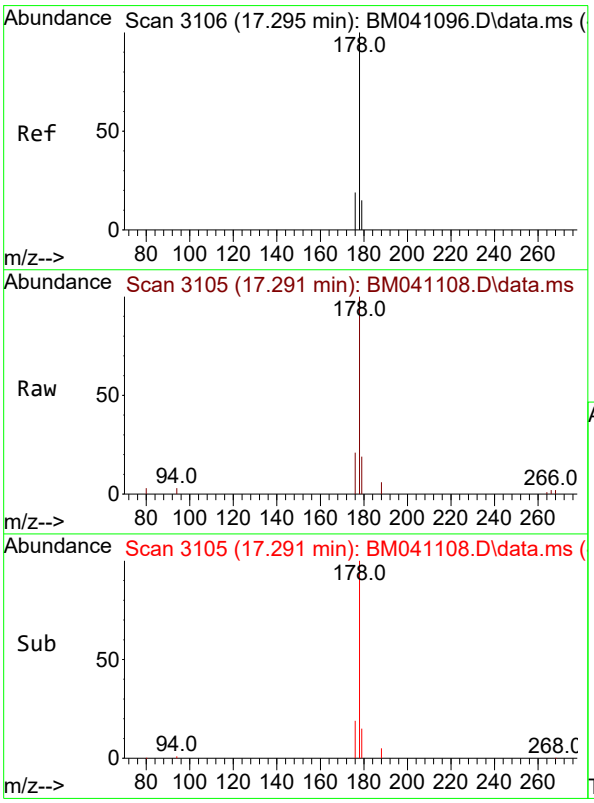
#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.208 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM041108.D
Acq: 25 Jul 2023 16:27

Instrument :
BNA_P
ClientSampleId :
A4718

Tgt Ion:152 Resp: 875

Ion	Ratio	Lower	Upper
152	100		
151	39.5	16.8	25.2#
153	31.7	11.4	17.2#

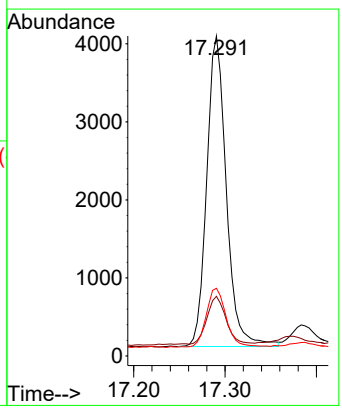


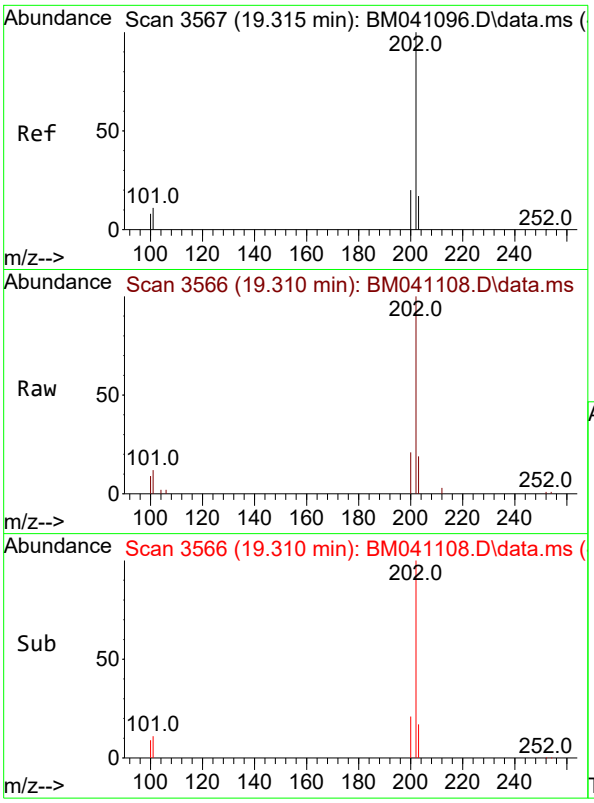


#15
Phenanthrene
Concen: 0.130 ng/ul
RT: 17.291 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM041108.D
Acq: 25 Jul 2023 16:27

Tgt Ion:178 Resp: 5930

Ion	Ratio	Lower	Upper
178	100		
179	18.7	13.4	20.2
176	21.1	16.0	24.0



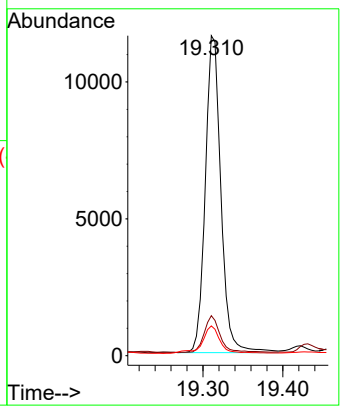


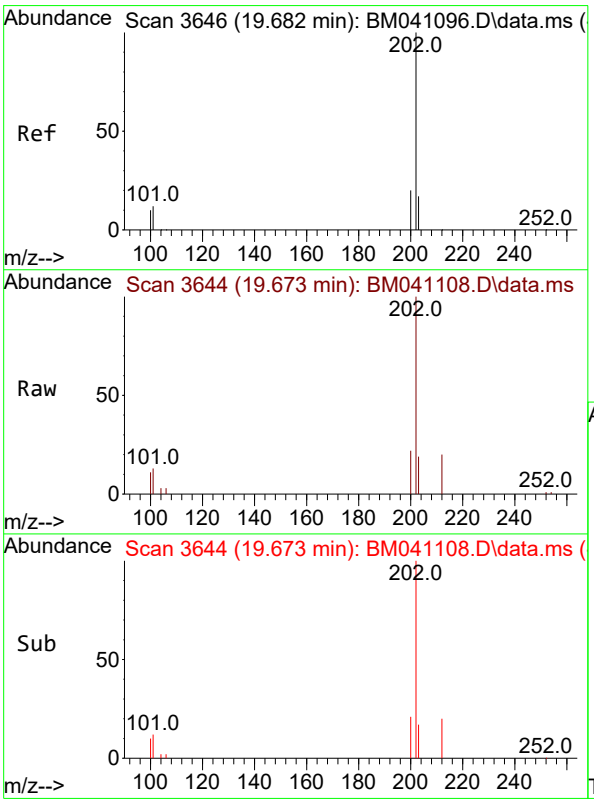
#19
Fluoranthene
Concen: 0.364 ng/ul
RT: 19.310 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM041108.D
Acq: 25 Jul 2023 16:27

Instrument :
BNA_P
ClientSampleId :
A4718

Tgt Ion:202 Resp: 15781

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.4	14.0
100	9.3	7.1	10.7

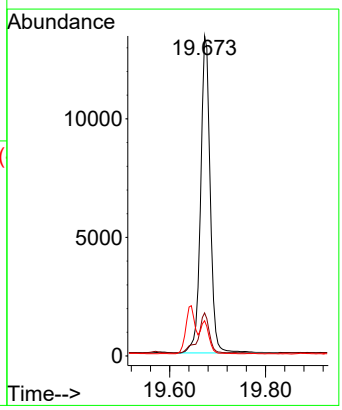


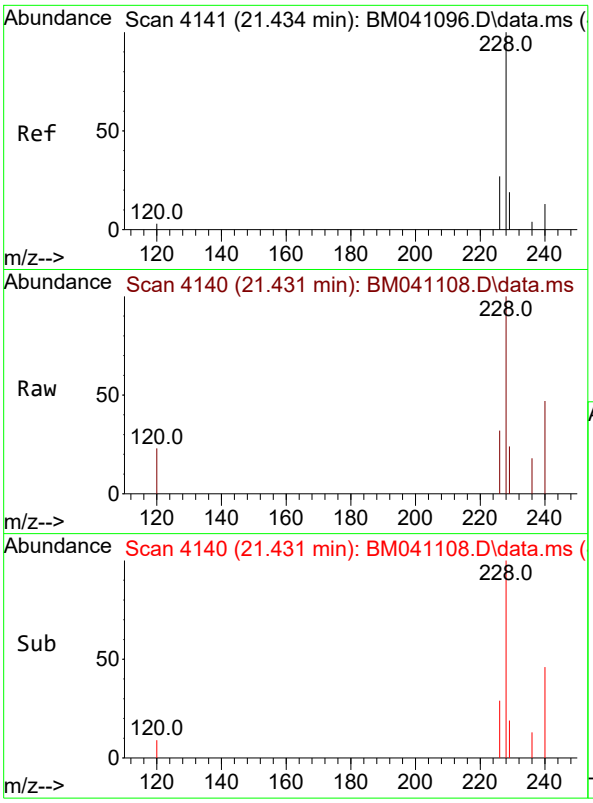


#20
Pyrene
Concen: 0.390 ng/ul
RT: 19.673 min Scan# 3644
Delta R.T. -0.009 min
Lab File: BM041108.D
Acq: 25 Jul 2023 16:27

Tgt Ion:202 Resp: 18627

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.7	16.1
100	11.0	8.5	12.7



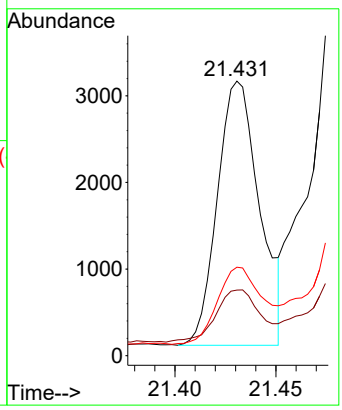


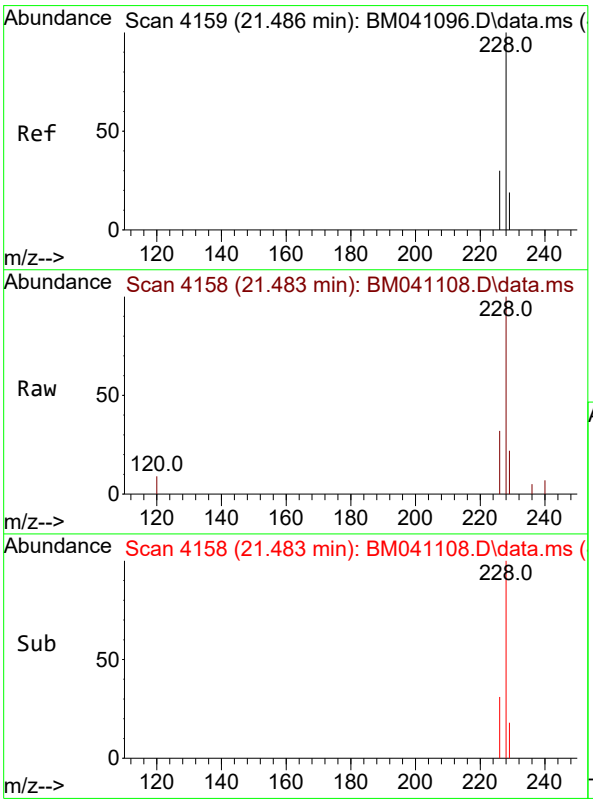
#21
Benzo(a)anthracene
Concen: 0.110 ng/ul
RT: 21.431 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041108.D
Acq: 25 Jul 2023 16:27

Instrument :
BNA_P
ClientSampleId :
A4718

Tgt Ion:228 Resp: 4433

Ion	Ratio	Lower	Upper
228	100		
229	23.9	16.5	24.7
226	32.2	22.2	33.2

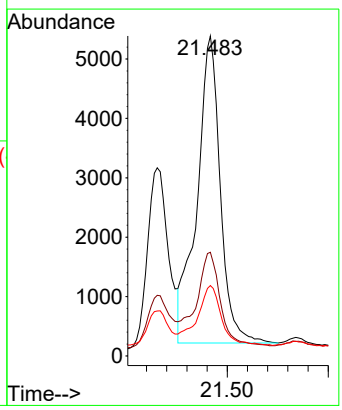


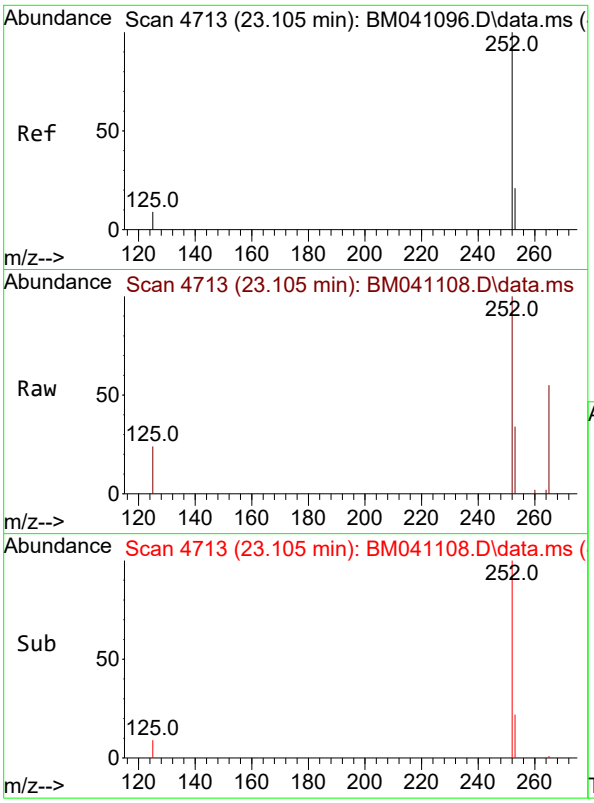


#22
Chrysene
Concen: 0.178 ng/ul
RT: 21.483 min Scan# 4158
Delta R.T. -0.003 min
Lab File: BM041108.D
Acq: 25 Jul 2023 16:27

Tgt Ion:228 Resp: 8332

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.2	36.4
229	22.0	15.9	23.9



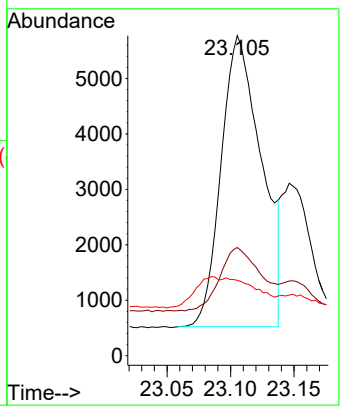


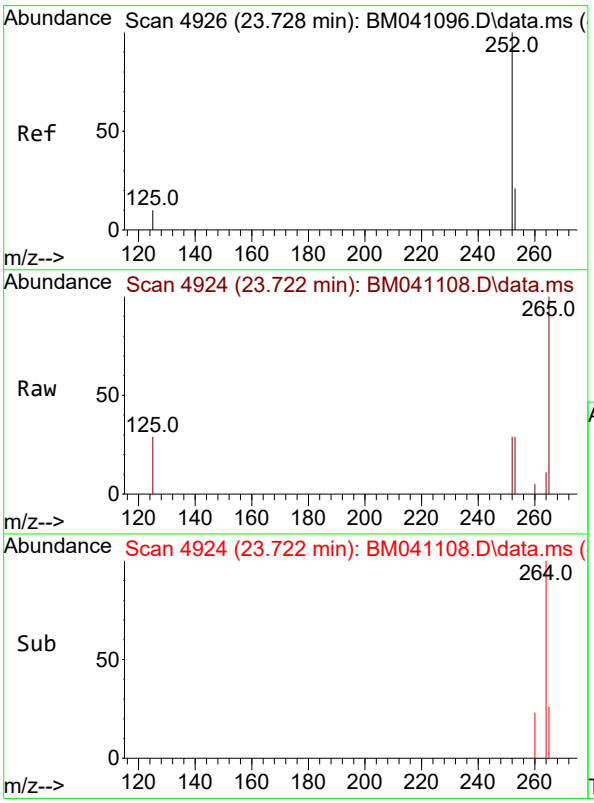
#24
Benzo(b)fluoranthene
Concen: 0.324 ng/ul
RT: 23.105 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM041108.D
Acq: 25 Jul 2023 16:27

Instrument :
BNA_P
ClientSampleId :
A4718

Tgt Ion:252 Resp: 11577

Ion	Ratio	Lower	Upper
252	100		
253	33.8	0.0	57.6
125	23.6	0.0	33.6

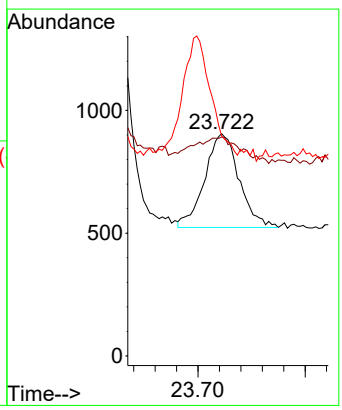


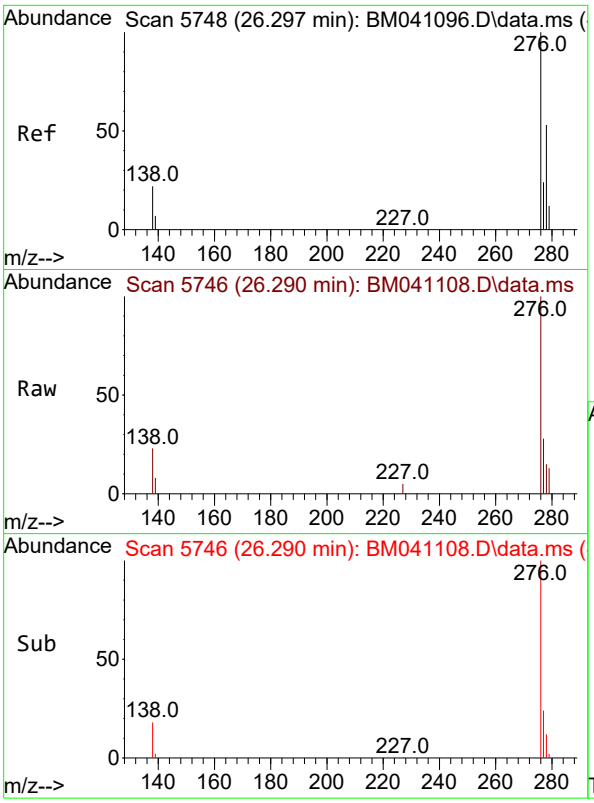


#26
Benzo(a)pyrene
Concen: 0.029 ng/ul
RT: 23.722 min Scan# 4924
Delta R.T. -0.006 min
Lab File: BM041108.D
Acq: 25 Jul 2023 16:27

Tgt Ion:252 Resp: 850

Ion	Ratio	Lower	Upper
252	100		
253	98.6	26.7	40.1#
125	99.0	18.1	27.1#



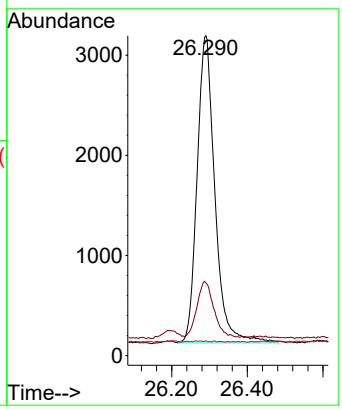


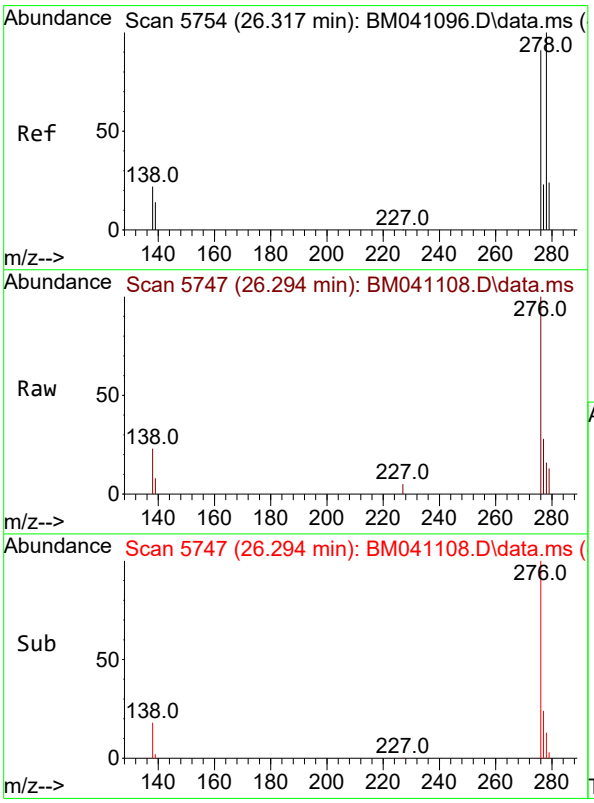
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.234 ng/ul
RT: 26.290 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM041108.D
Acq: 25 Jul 2023 16:27

Instrument :
BNA_P
ClientSampleId :
A4718

Tgt Ion:276 Resp: 10000

Ion	Ratio	Lower	Upper
276	100		
138	17.4	18.1	27.1#
227	0.1	0.2	0.2#

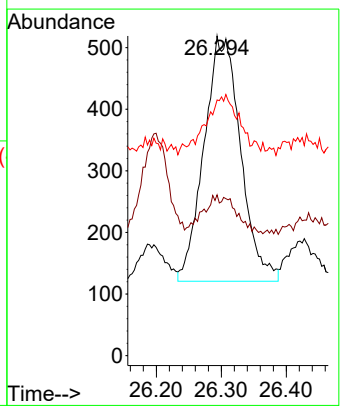


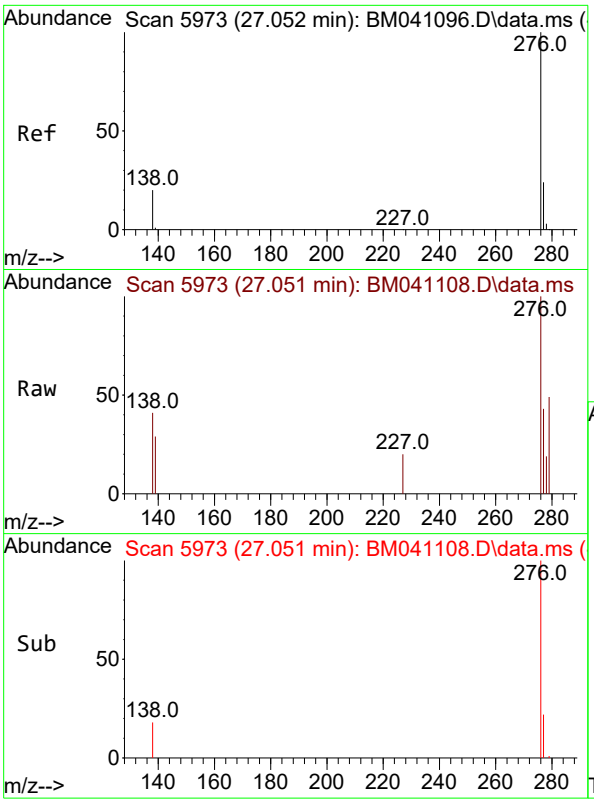


#28
Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul
RT: 26.294 min Scan# 5747
Delta R.T. -0.024 min
Lab File: BM041108.D
Acq: 25 Jul 2023 16:27

Tgt Ion:278 Resp: 1551

Ion	Ratio	Lower	Upper
278	100		
139	50.3	14.1	21.1#
279	80.0	25.0	37.4#





#29
Benzo(g,h,i)perylene
Concen: 0.048 ng/ul
RT: 27.051 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM041108.D
Acq: 25 Jul 2023 16:27

Instrument :
BNA_P
ClientSampleId :
A4718

Tgt Ion:276 Resp: 1836

Ion	Ratio	Lower	Upper
276	100		
138	41.2	18.2	27.2#
277	43.0	20.6	30.8#