Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038245.D
Acq On : 23 Dec 2022 22:46
Operator : CG/JU
Sample : N6014-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 02:10:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	4050	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	12049	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.661	164	6814	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	13267	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	8365	0.400	ng/ul	# 0.00
23) Perylene-d12	24.018	264	8618	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	15210	3.692	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	4730	0.267	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	8764	0.279	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.895	128	881	0.025	ng/ul#	78
7) 2-Methylnaphthalene	12.500	142	468	0.021	ng/ul	96
15) Phenanthrene	17.443	178	6516	0.147	ng/ul	96
16) Anthracene	17.531	178	1183	0.028	ng/ul#	76
19) Fluoranthene	19.450	202	17599	0.384	ng/ul	97
20) Pyrene	19.812	202	15290m	0.330	ng/ul	
21) Benzo(a)anthracene	21.553	228	7629	0.208	ng/ul#	92
22) Chrysene	21.606	228	9479	0.265	ng/ul	95
24) Benzo(b)fluoranthene	23.269	252	15312	0.401	ng/ul	90
25) Benzo(k)fluoranthene	23.313	252	5271m	0.144	ng/ul	
26) Benzo(a)pyrene	23.912	252	10297	0.309	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.575	276	9176	0.199	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.585	278	2230	0.062	ng/ul#	26
29) Benzo(g,h,i)perylene	27.370	276	9613	0.247	ng/ul	94

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

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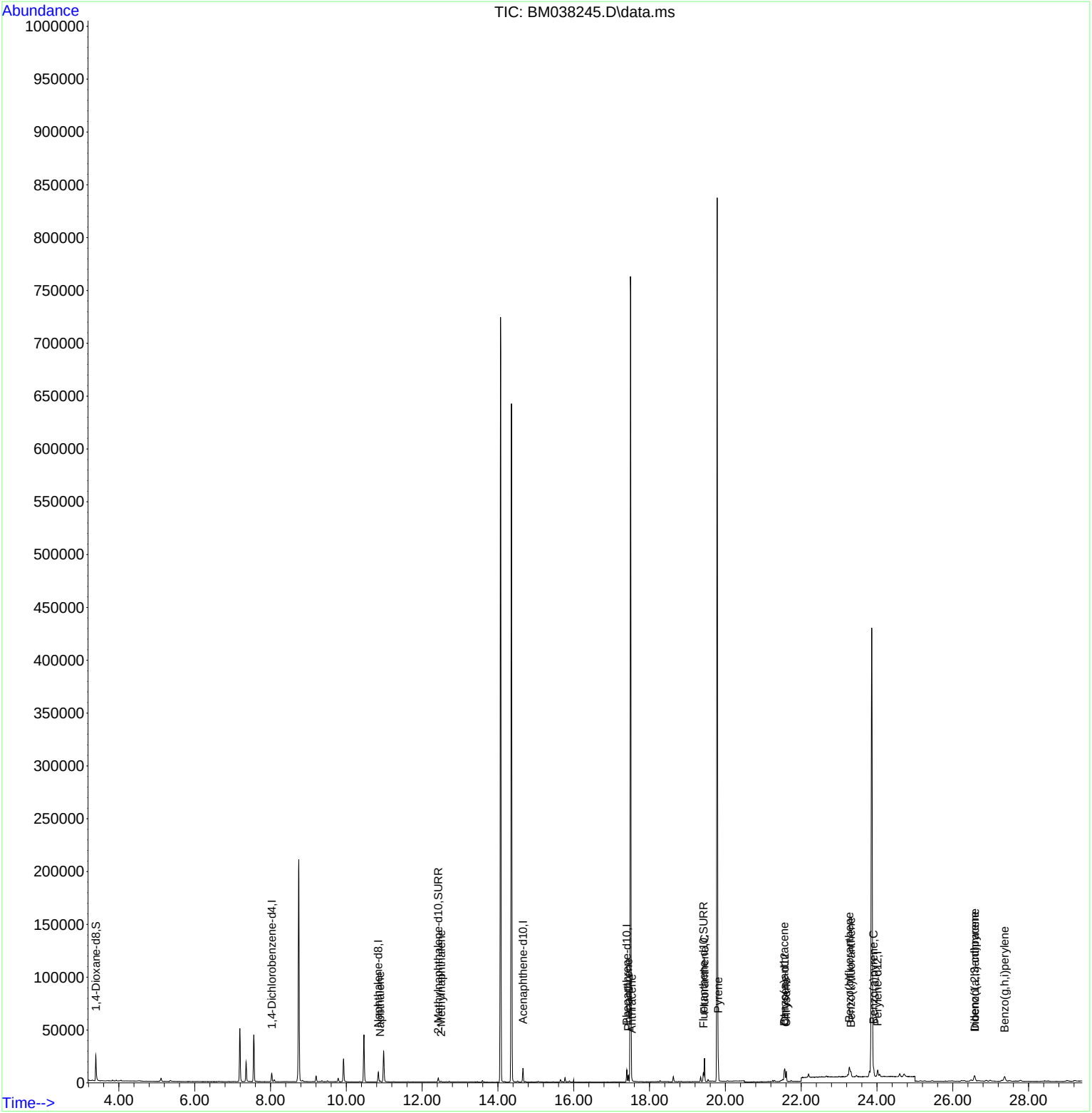
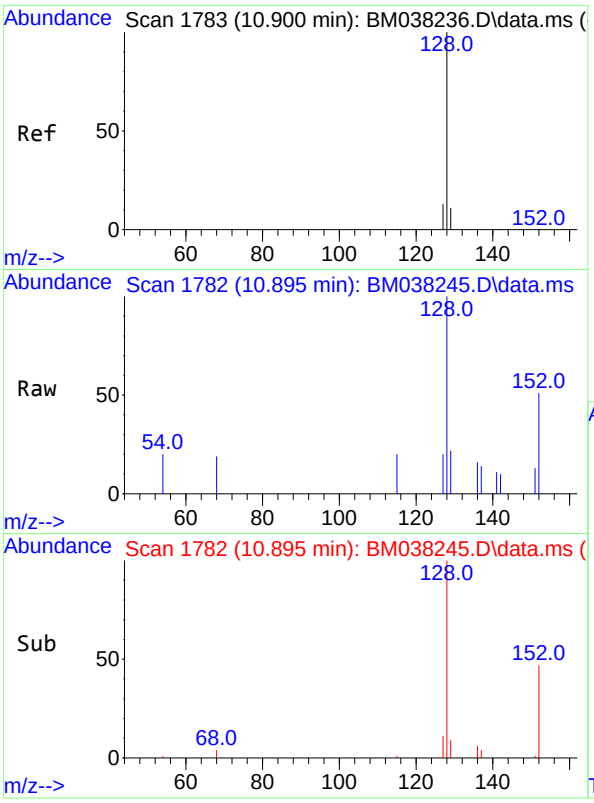
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
Response via : Initial Calibration



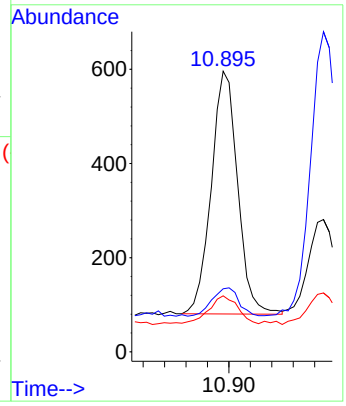


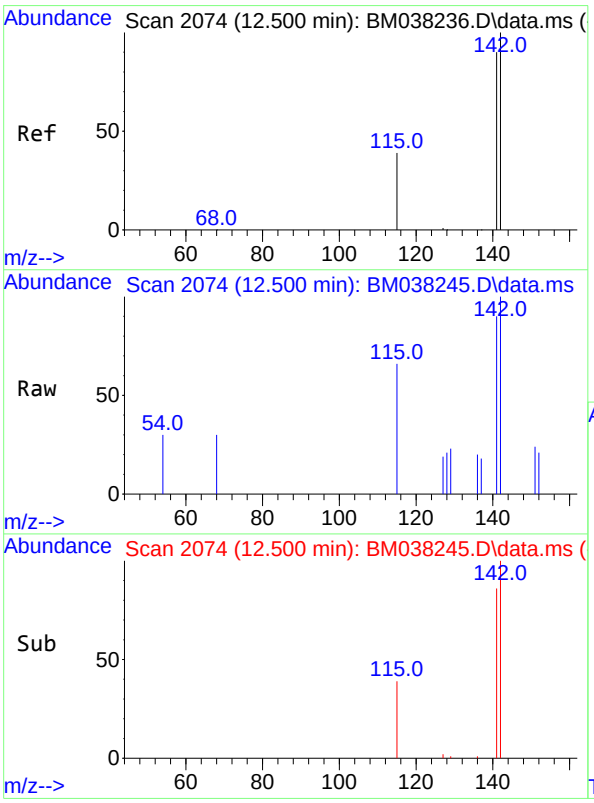
#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.895 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 881

Ion	Ratio	Lower	Upper
128	100		
129	22.5	9.4	14.0#
127	20.0	10.7	16.1#

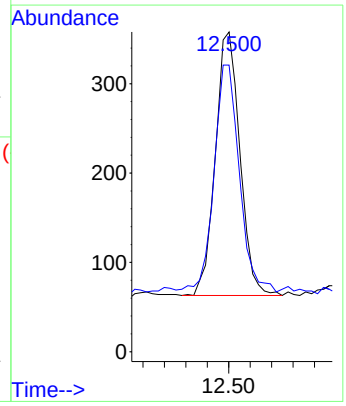


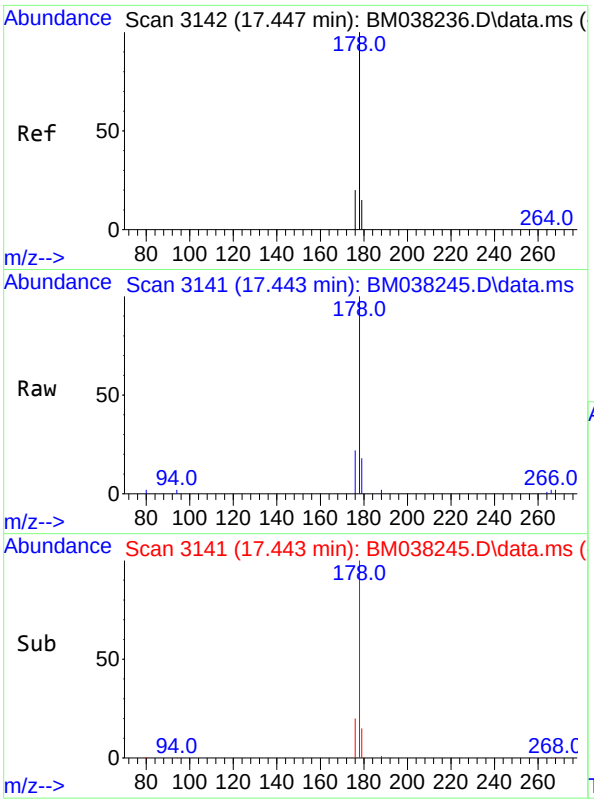


#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.500 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

Tgt Ion:142 Resp: 468

Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.9	107.9



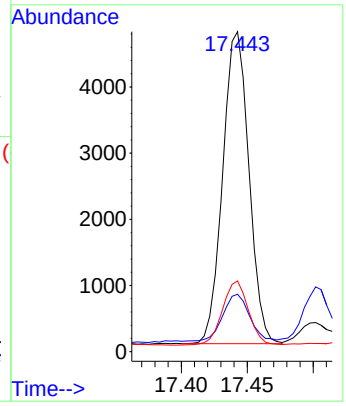


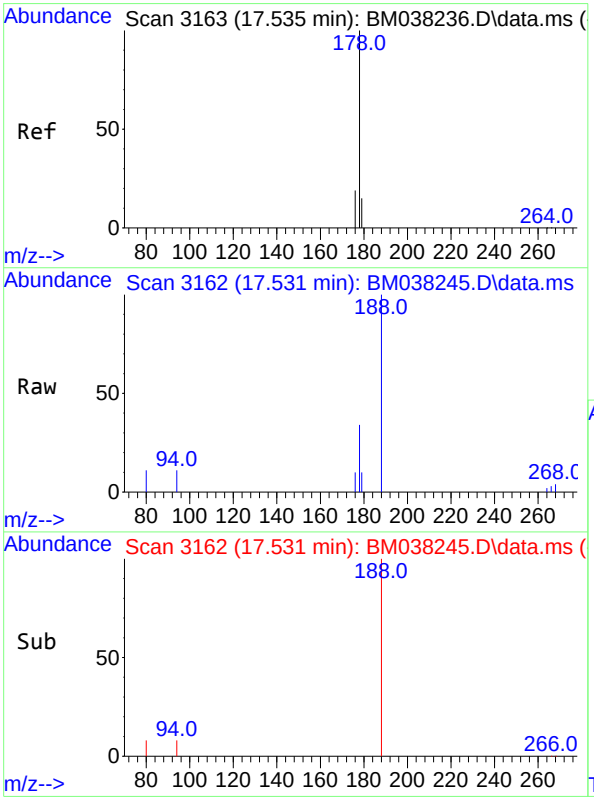
#15
Phenanthrene
Concen: 0.147 ng/ul
RT: 17.443 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 6516

Ion	Ratio	Lower	Upper
178	100		
179	18.0	13.0	19.4
176	22.1	16.2	24.4

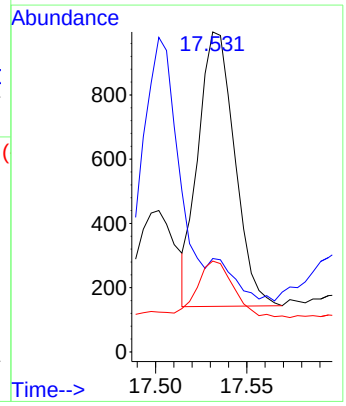


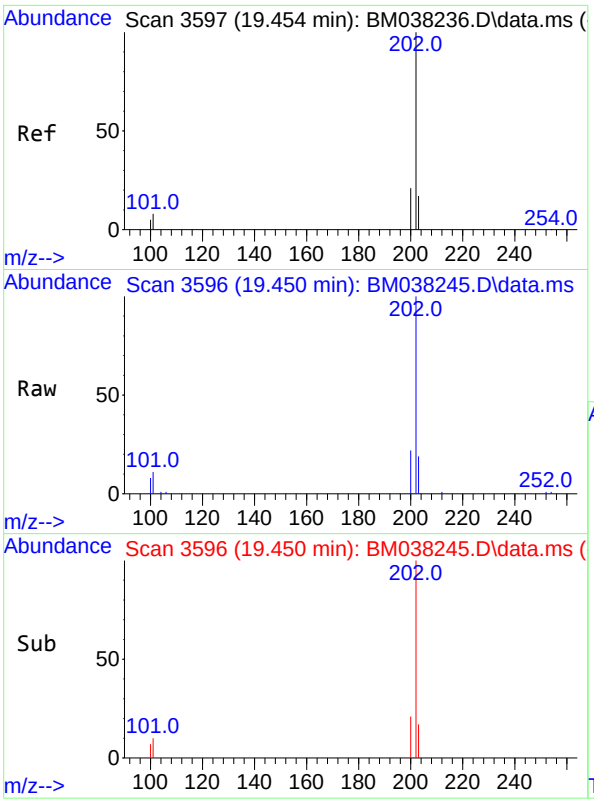


#16
Anthracene
Concen: 0.028 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. -0.008 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

Tgt Ion:178 Resp: 1183

Ion	Ratio	Lower	Upper
178	100		
179	29.2	13.0	19.6#
176	28.4	15.6	23.4#



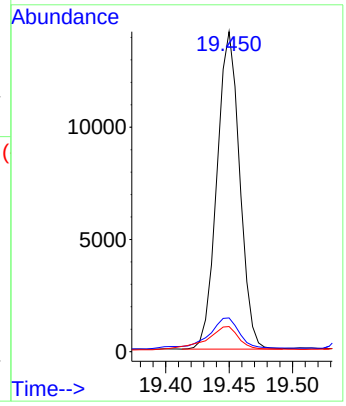


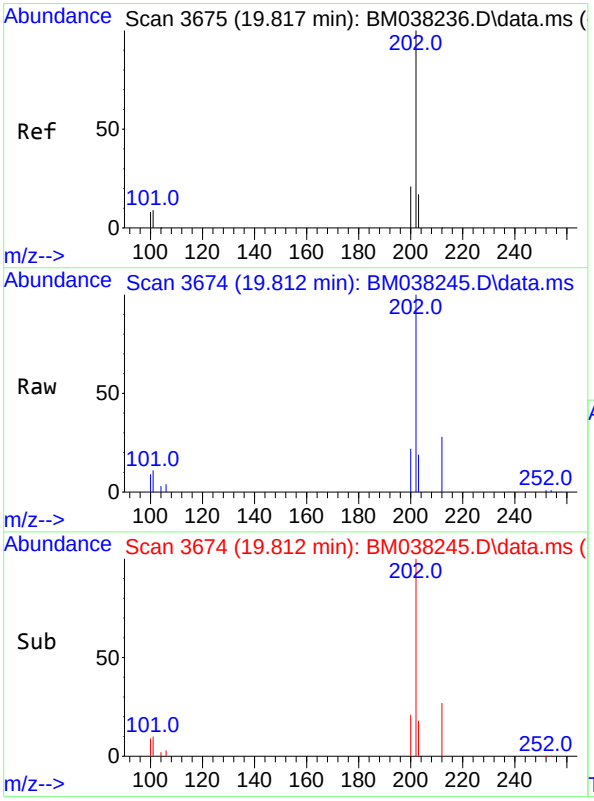
#19
Fluoranthene
Concen: 0.384 ng/ul
RT: 19.450 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 17599

Ion	Ratio	Lower	Upper
202	100		
101	10.6	7.5	11.3
100	7.9	5.6	8.4

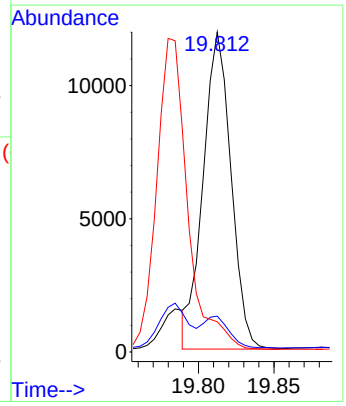


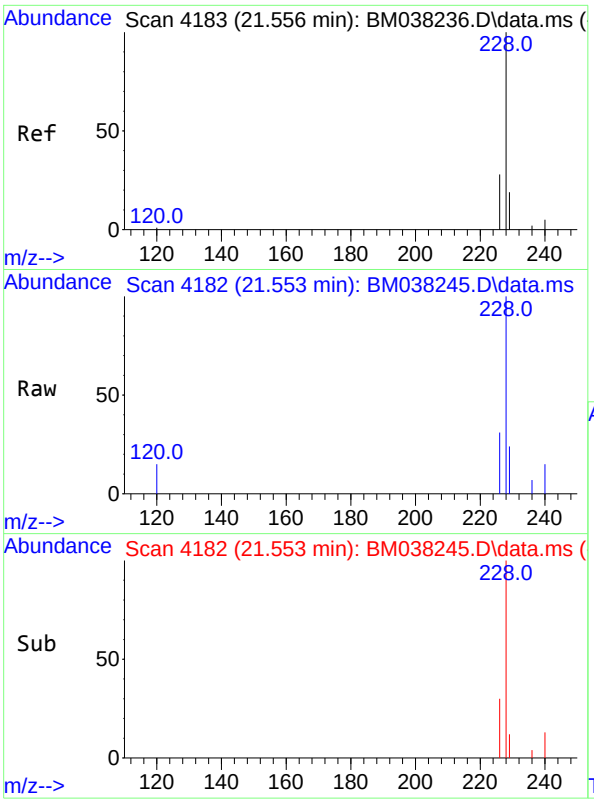


#20
Pyrene
Concen: 0.330 ng/ul m
RT: 19.812 min Scan# 3674
Delta R.T. -0.004 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

Tgt Ion:202 Resp: 15290

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.9	13.3
100	9.5	7.4	11.0





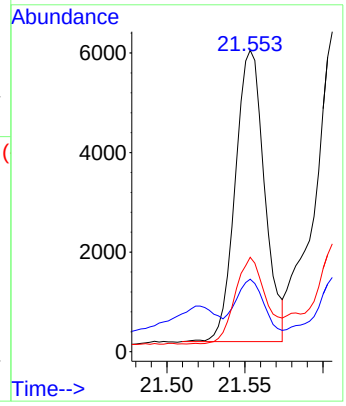
#21
Benzo(a)anthracene
Concen: 0.208 ng/ul
RT: 21.553 min Scan# 4

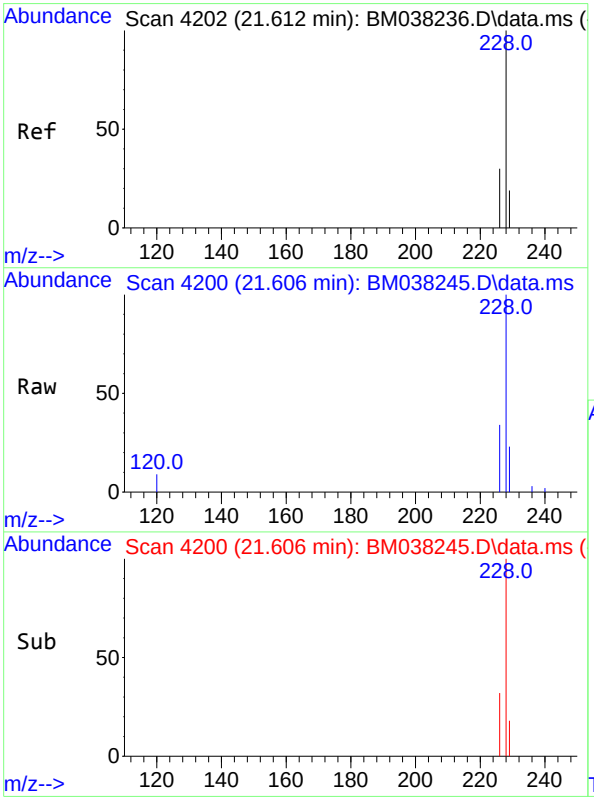
Instrument :
BNA_M
ClientSampleId :

Delta R.T. -0.006 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

Tgt Ion:228 Resp: 7629

Ion	Ratio	Lower	Upper
228	100		
229	24.0	15.5	23.3#
226	31.3	22.2	33.2

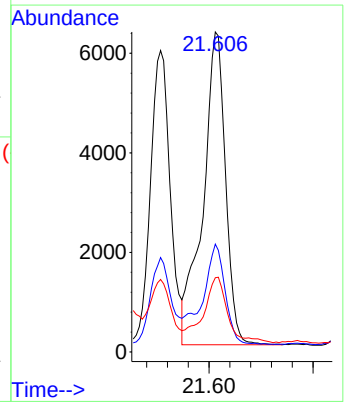


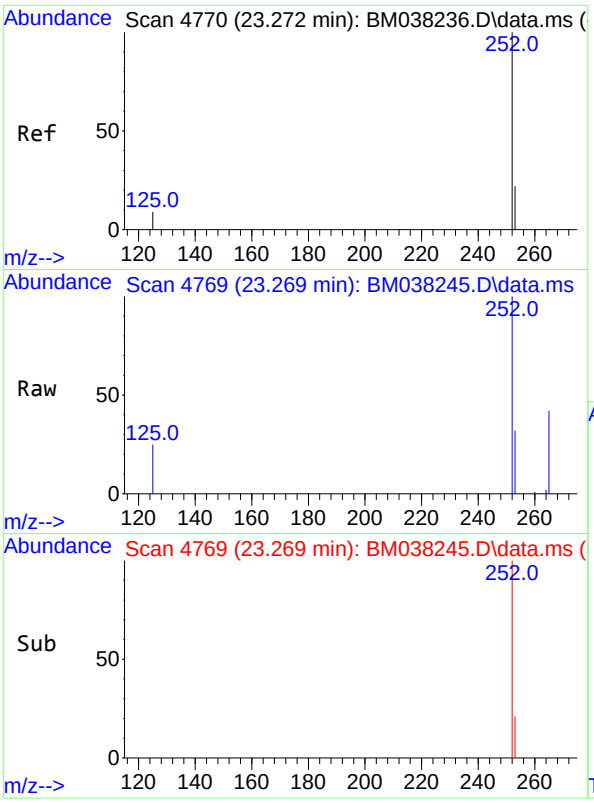


#22
Chrysene
Concen: 0.265 ng/ul
RT: 21.606 min Scan# 4200
Delta R.T. -0.006 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

Tgt Ion:228 Resp: 9479

Ion	Ratio	Lower	Upper
228	100		
226	33.7	25.0	37.4
229	23.2	16.0	24.0



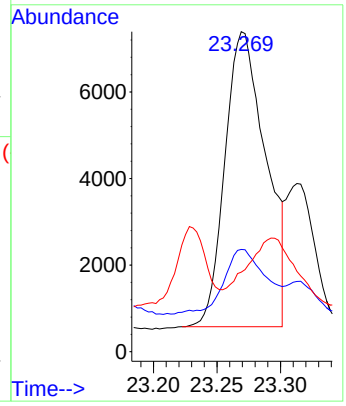


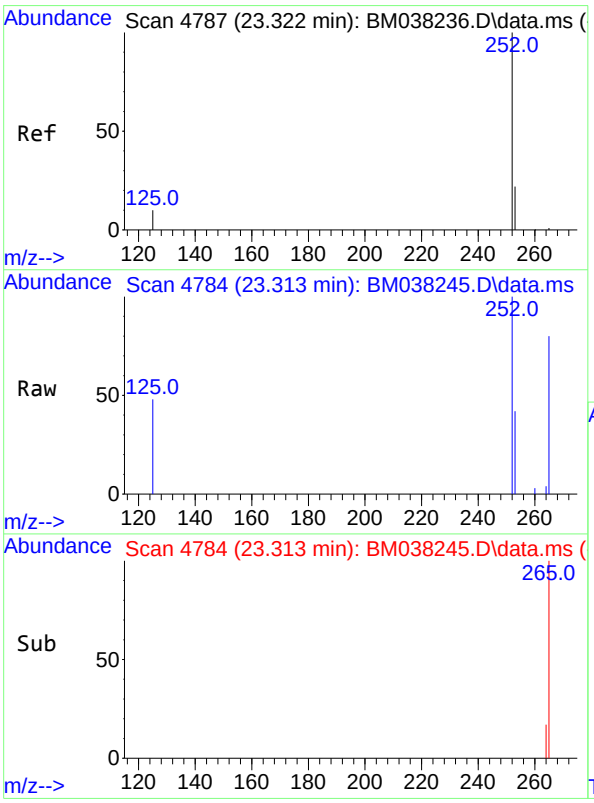
#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 23.269 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 15312

Ion	Ratio	Lower	Upper
252	100		
253	31.9	0.0	56.0
125	24.9	0.0	36.6

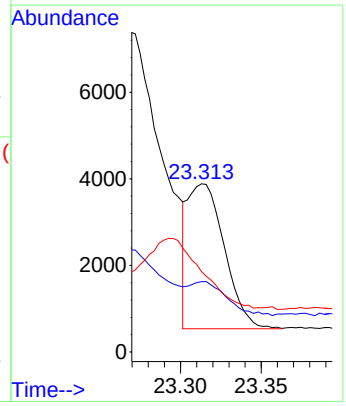


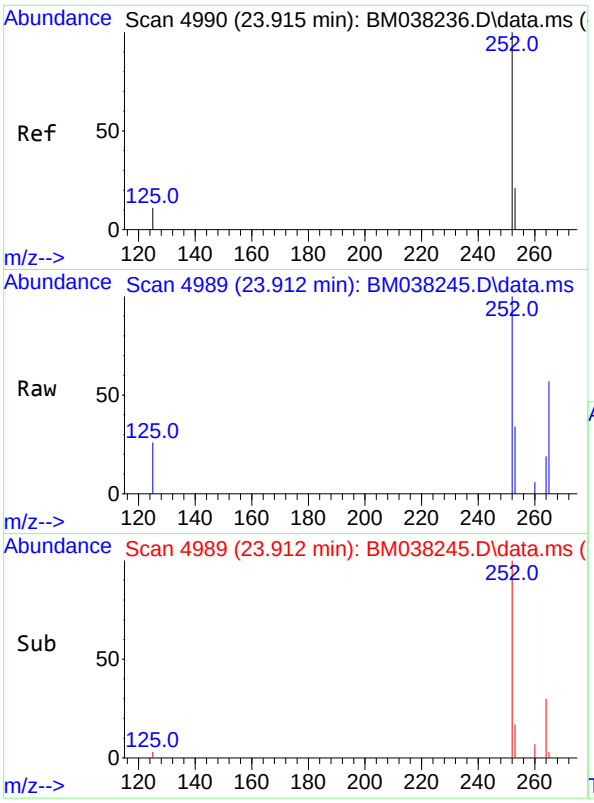


#25
Benzo(k)fluoranthene
Concen: 0.144 ng/ul m
RT: 23.313 min Scan# 4784
Delta R.T. -0.009 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

Tgt Ion:252 Resp: 5271

Ion	Ratio	Lower	Upper
252	100		
253	41.8	22.5	33.7#
125	47.8	14.4	21.6#



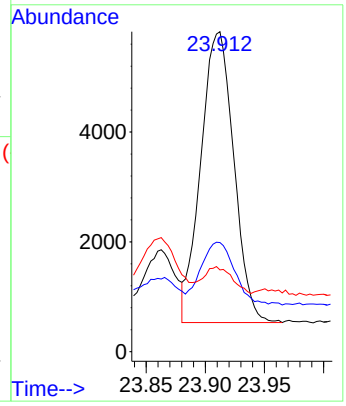


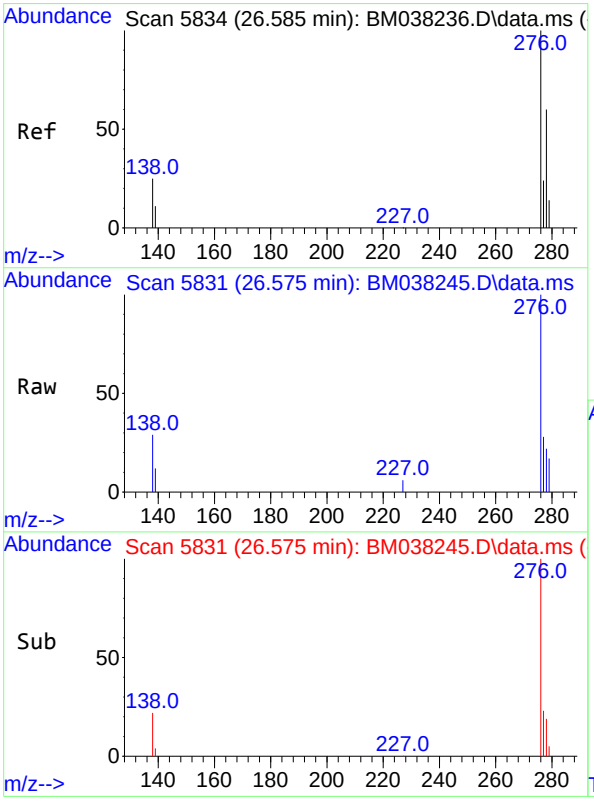
#26
Benzo(a)pyrene
Concen: 0.309 ng/ul
RT: 23.912 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 10297

Ion	Ratio	Lower	Upper
252	100		
253	34.1	24.2	36.4
125	25.5	17.3	25.9

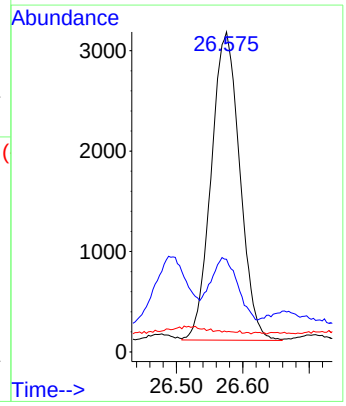


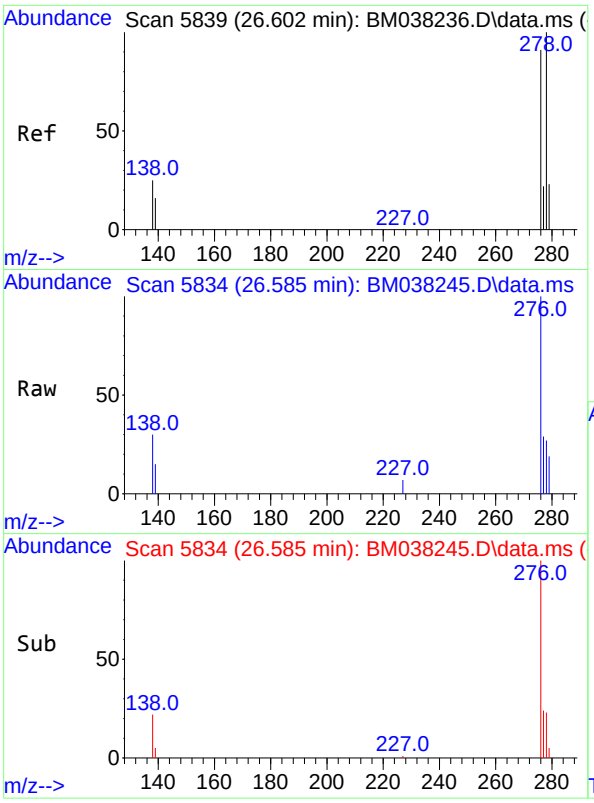


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.199 ng/ul
RT: 26.575 min Scan# 5831
Delta R.T. -0.007 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

Tgt Ion:276 Resp: 9176

Ion	Ratio	Lower	Upper
276	100		
138	22.2	21.7	32.5
227	0.0	0.0	0.0



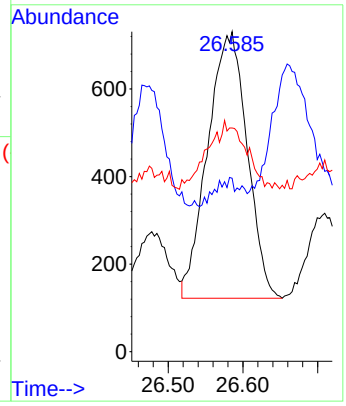


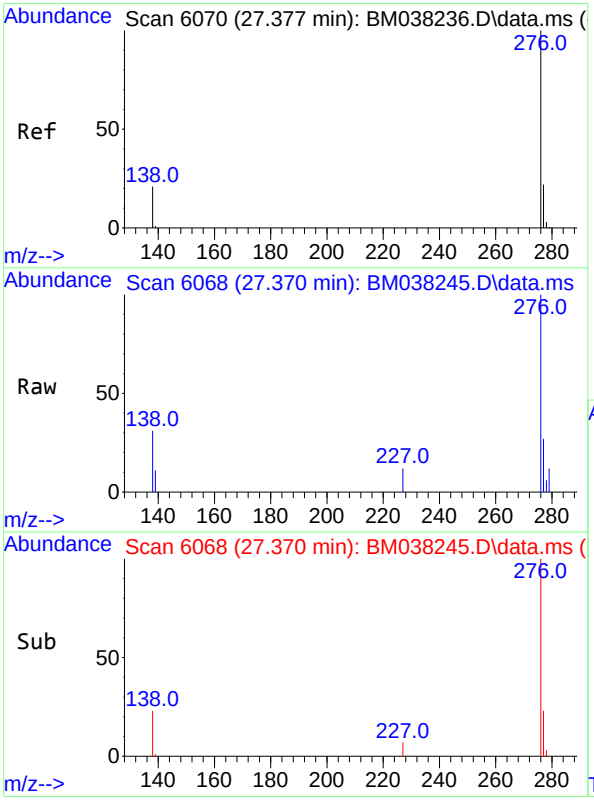
#28
Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul
RT: 26.585 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 2230

Ion	Ratio	Lower	Upper
278	100		
139	54.2	16.8	25.2#
279	69.9	23.4	35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.247 ng/ul
RT: 27.370 min Scan# 6068
Delta R.T. 0.000 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

Tgt Ion:276 Resp: 9613

Ion	Ratio	Lower	Upper
276	100		
138	30.9	20.8	31.2
277	27.1	20.5	30.7