Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
Data File : BM042620.D
Acq On : 07 Nov 2023 19:55
Operator : MA/JU
Sample : 05026-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH361

Quant Time: Nov 07 23:06:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 02:23:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	1104	0.400	ng/ul	0.00
4) Naphthalene-d8	10.672	136	2773	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.516	164	1751	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.268	188	3967	0.400	ng/ul	0.00
17) Chrysene-d12	21.452	240	2637	0.400	ng/ul	0.00
23) Perylene-d12	23.826	264	4015	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	5626	3.856	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	1441	0.372	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	4210	0.461	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	292	0.168	ng/ul#	84
20) Pyrene	19.662	202	1125	0.062	ng/ul#	1
21) Benzo(a)anthracene	21.438	228	249	0.021	ng/ul#	58
22) Chrysene	21.490	228	345	0.028	ng/ul#	69
24) Benzo(b)fluoranthene	23.101	252	365	0.023	ng/ul#	1
25) Benzo(k)fluoranthene	23.147	252	412	0.024	ng/ul#	1
26) Benzo(a)pyrene	23.674	252	1978	0.118	ng/ul#	67

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

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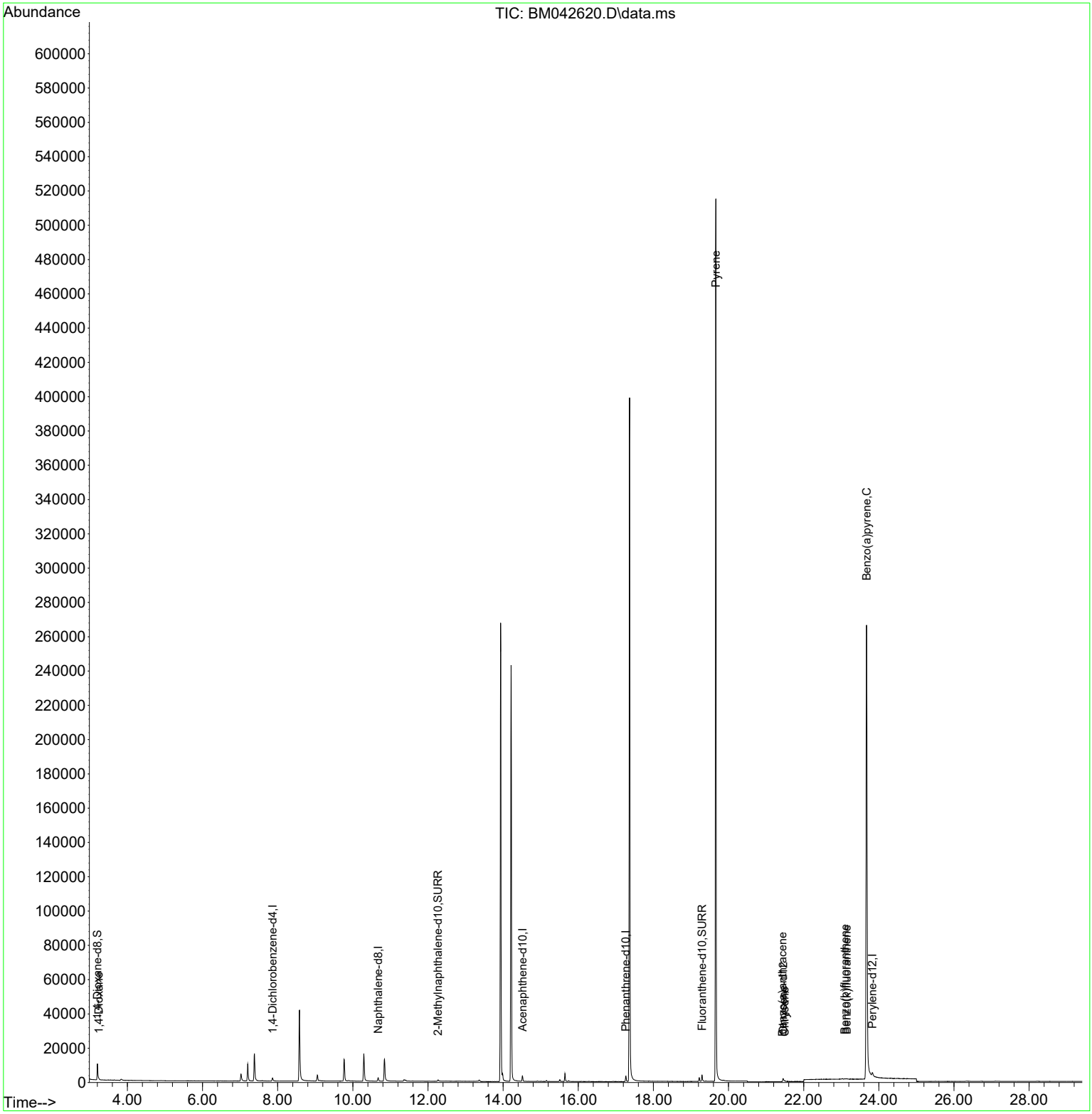
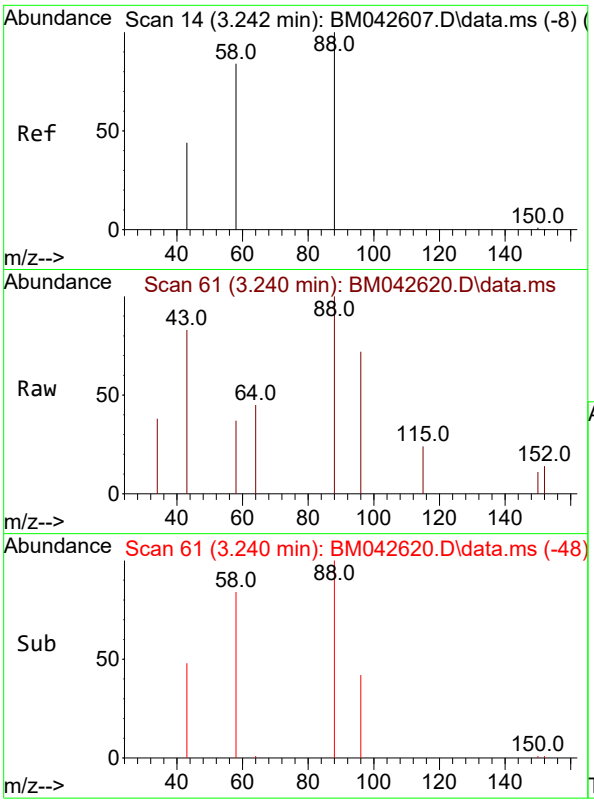


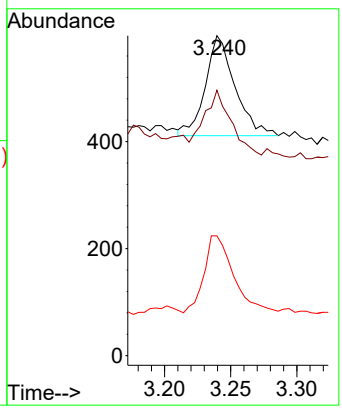


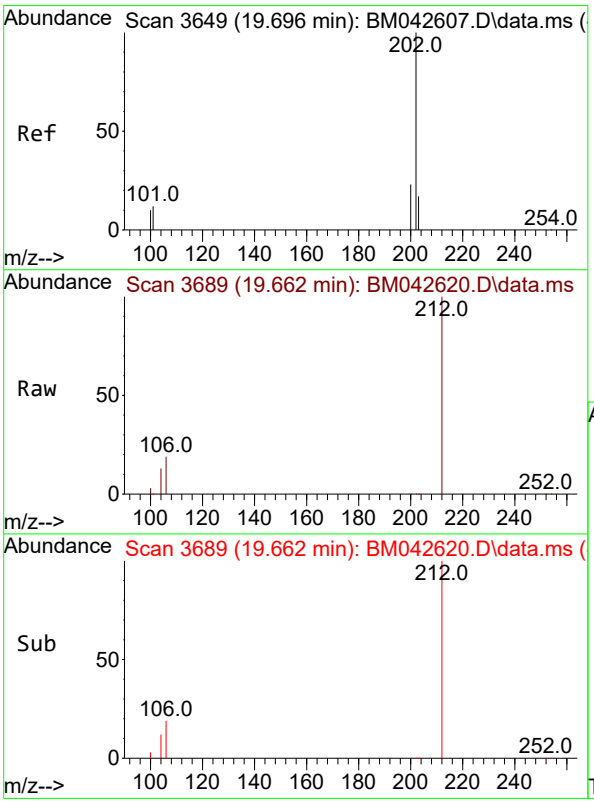
#2
1,4-Dioxane
Concen: 0.168 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042620.D
Acq: 07 Nov 2023 19:55

Instrument :
BNA_M
ClientSampleId :
BH361

Tgt Ion: 88 Resp: 292

Ion	Ratio	Lower	Upper
88	100		
43	82.9	77.5	116.3
58	37.5	40.9	61.3#

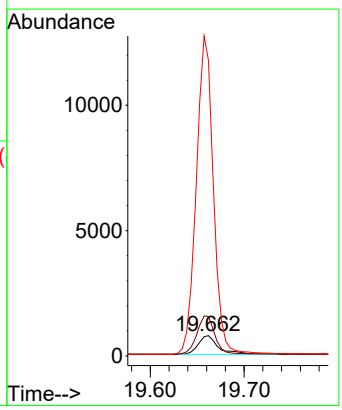


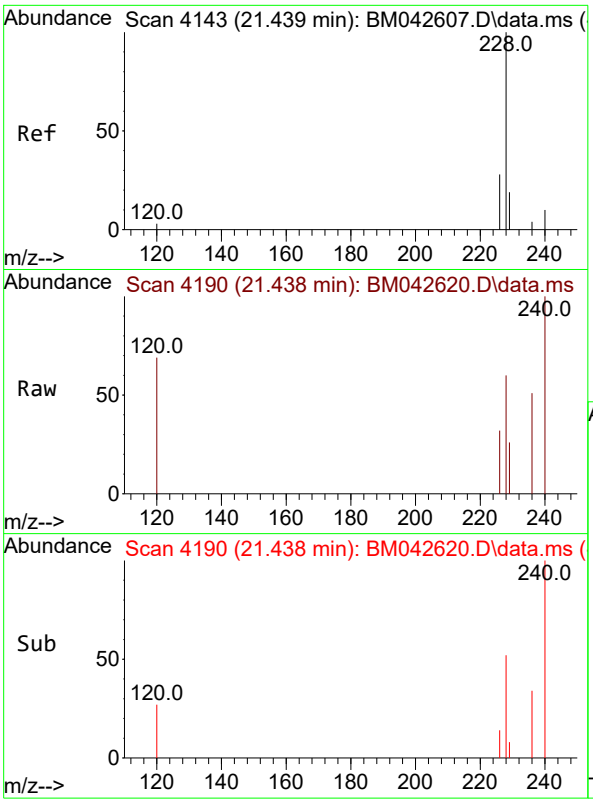


#20
Pyrene
Concen: 0.062 ng/ul
RT: 19.662 min Scan# 3689
Delta R.T. -0.034 min
Lab File: BM042620.D
Acq: 07 Nov 2023 19:55

Tgt Ion:202 Resp: 1125

Ion	Ratio	Lower	Upper
202	100		
101	194.1	10.6	16.0#
100	1454.4	8.6	13.0#



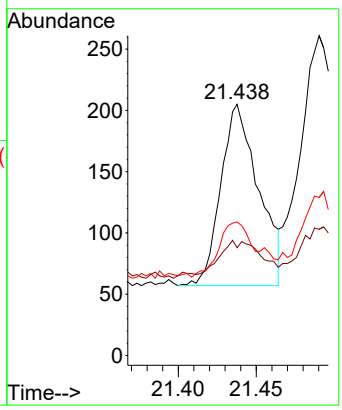


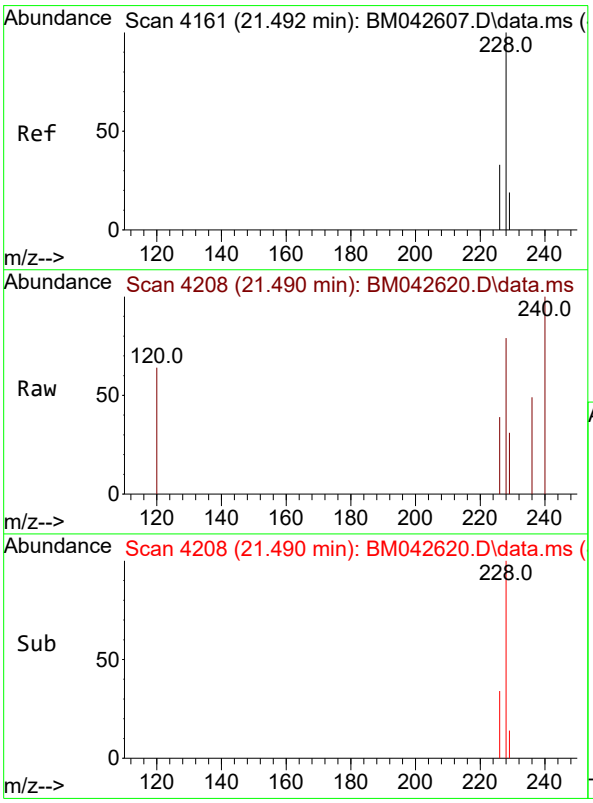
#21
Benzo(a)anthracene
Concen: 0.021 ng/ul
RT: 21.438 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM042620.D
Acq: 07 Nov 2023 19:55

Instrument :
BNA_M
ClientSampleId :
BH361

Tgt Ion:228 Resp: 249

Ion	Ratio	Lower	Upper
228	100		
229	42.9	17.0	25.4#
226	53.2	25.2	37.8#

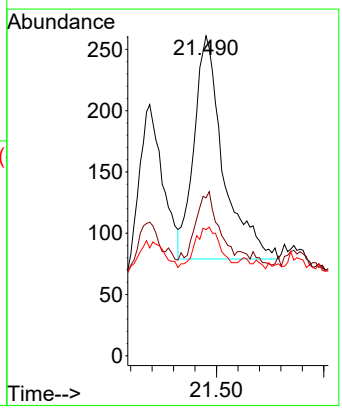


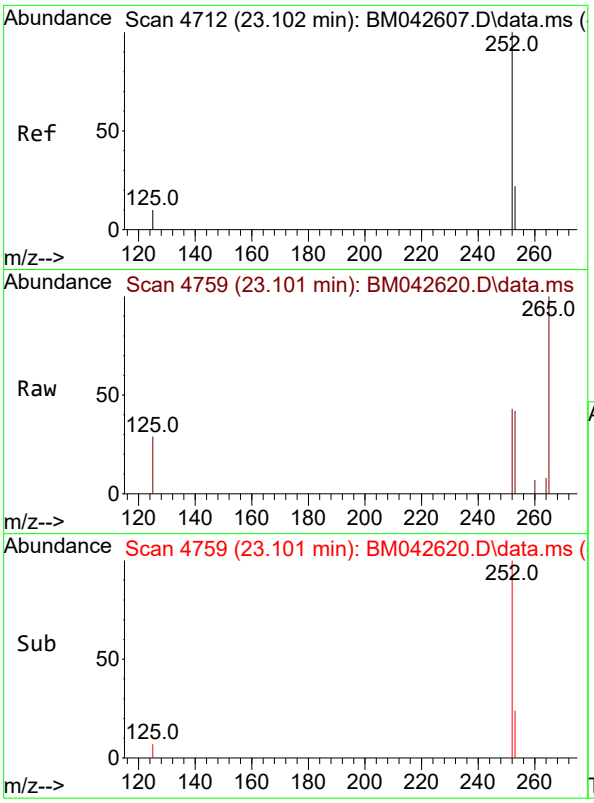


#22
Chrysene
Concen: 0.028 ng/ul
RT: 21.490 min Scan# 4208
Delta R.T. -0.002 min
Lab File: BM042620.D
Acq: 07 Nov 2023 19:55

Tgt Ion:228 Resp: 345

Ion	Ratio	Lower	Upper
228	100		
226	49.4	27.4	41.0#
229	39.5	17.0	25.6#



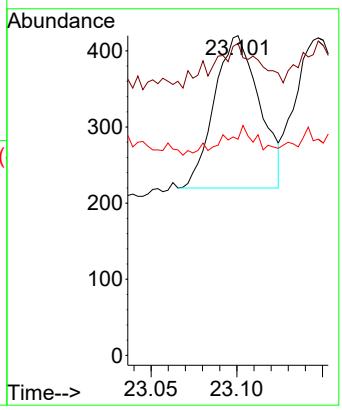


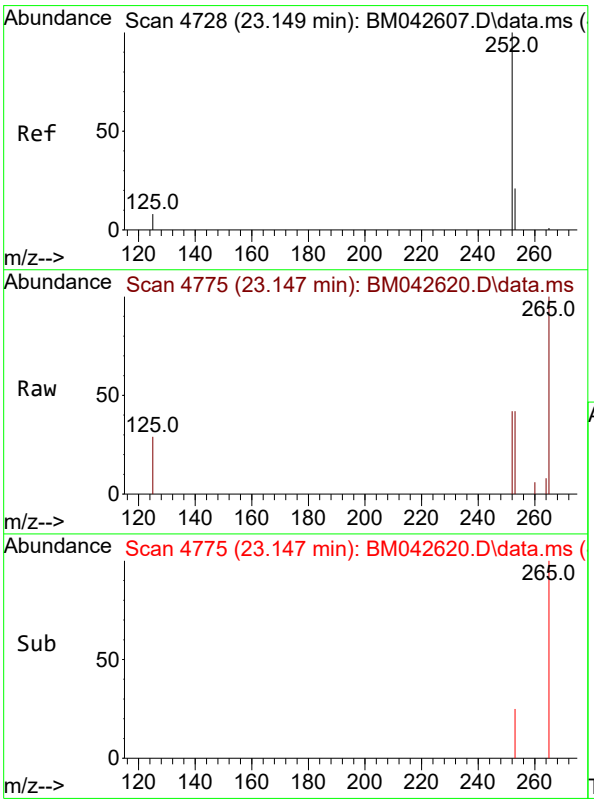
#24
Benzo(b)fluoranthene
Concen: 0.023 ng/ul
RT: 23.101 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM042620.D
Acq: 07 Nov 2023 19:55

Instrument :
BNA_M
ClientSampleId :
BH361

Tgt Ion:252 Resp: 365

Ion	Ratio	Lower	Upper
252	100		
253	97.6	0.0	65.8#
125	67.6	0.0	43.6#

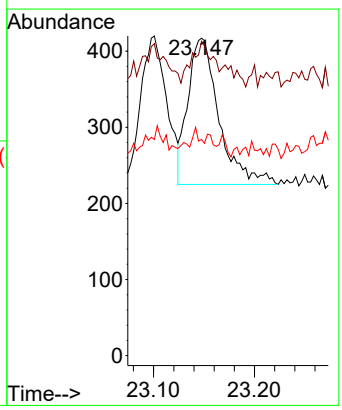


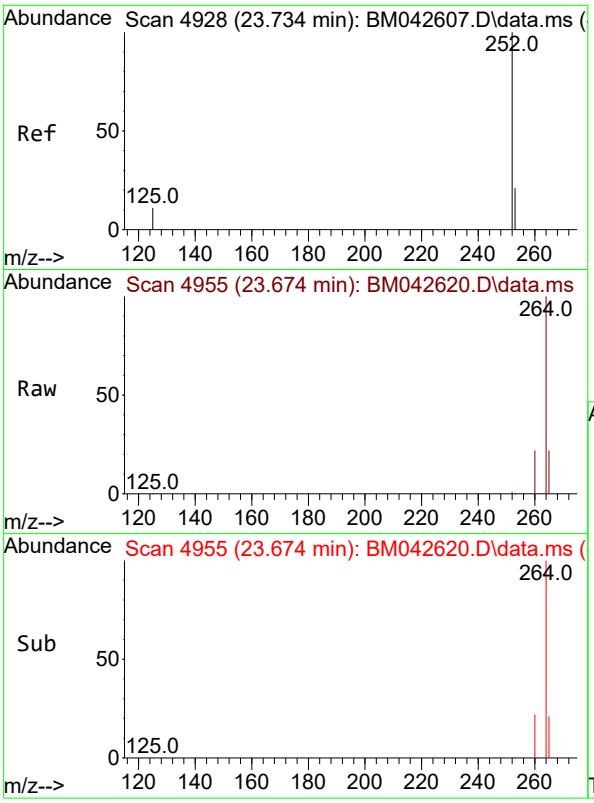


#25
Benzo(k)fluoranthene
Concen: 0.024 ng/ul
RT: 23.147 min Scan# 4775
Delta R.T. -0.002 min
Lab File: BM042620.D
Acq: 07 Nov 2023 19:55

Tgt Ion:252 Resp: 412

Ion	Ratio	Lower	Upper
252	100		
253	99.0	27.0	40.6#
125	68.1	17.5	26.3#





#26
Benzo(a)pyrene
Concen: 0.118 ng/ul
RT: 23.674 min Scan# 4
Delta R.T. -0.060 min
Lab File: BM042620.D
Acq: 07 Nov 2023 19:55

Instrument :
BNA_M
ClientSampleId :
BH361

Tgt Ion:252 Resp: 1978

Ion	Ratio	Lower	Upper
252	100		
253	58.7	31.7	47.5#
125	46.6	22.1	33.1#