Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012622\
Data File : BM033870.D
Acq On : 26 Jan 2022 15:01
Operator : CG/JU
Sample : N1230-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0Q32

Quant Time: Jan 27 01:41:26 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 24 15:20:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	1845	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	6816	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	4039	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	7910	0.400	ng/ul	0.00
17) Chrysene-d12	21.477	240	6163	0.400	ng/ul	# 0.00
23) Perylene-d12	23.873	264	6927	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	9475	4.912	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	3606	0.384	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	8589	0.452	ng/ul	0.00
Target Compounds						Qvalue
14) Pentachlorophenol	16.966	266	1685	0.464	ng/ul	97
15) Phenanthrene	17.354	178	813	0.032	ng/ul#	81
16) Anthracene	17.444	178	645	0.027	ng/ul#	78
19) Fluoranthene	19.361	202	1005	0.036	ng/ul#	77
20) Pyrene	19.723	202	884	0.031	ng/ul#	61
21) Benzo(a)anthracene	21.460	228	870	0.035	ng/ul#	79
22) Chrysene	21.514	228	896	0.034	ng/ul#	87
24) Benzo(b)fluoranthene	23.139	252	911	0.029	ng/ul#	1
25) Benzo(k)fluoranthene	23.187	252	826	0.026	ng/ul#	1
26) Benzo(a)pyrene	23.761	252	594	0.022	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.383	276	832	0.023	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.402	278	683	0.024	ng/ul#	1
29) Benzo(g,h,i)perylene	27.144	276	713	0.023	ng/ul#	30

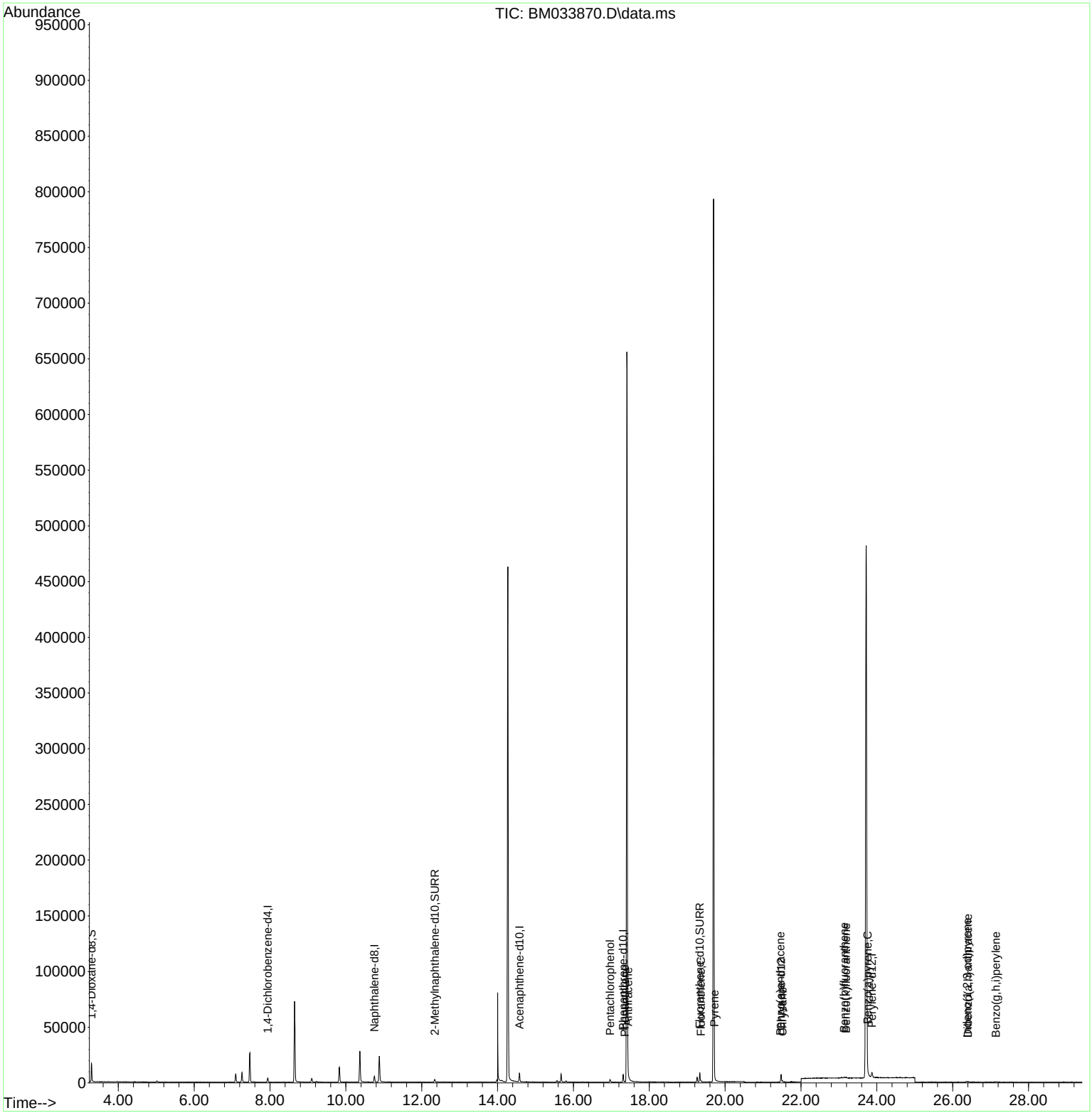
(#) = qualifier out of range (m) = manual integration (+) = signals summed

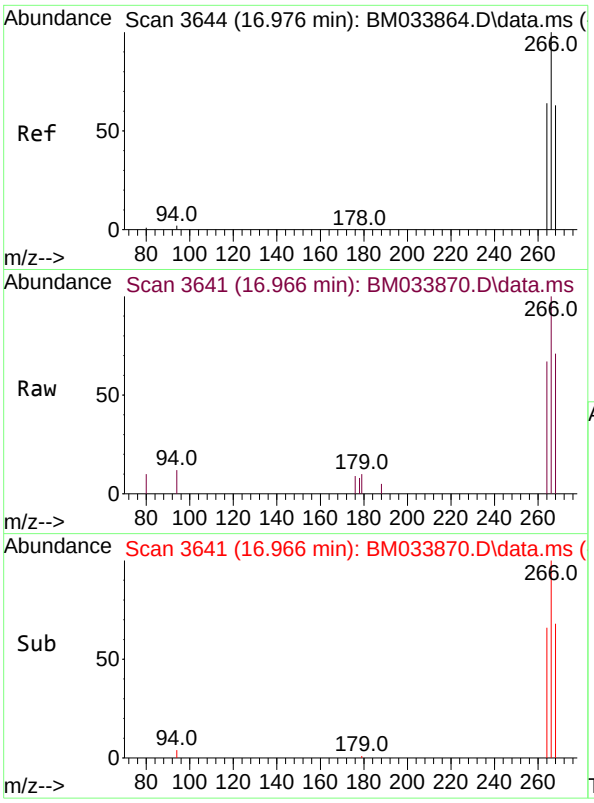
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012622\
Data File : BM033870.D
Acq On : 26 Jan 2022 15:01
Operator : CG/JU
Sample : N1230-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0Q32

Quant Time: Jan 27 01:41:26 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 24 15:20:03 2022
Response via : Initial Calibration



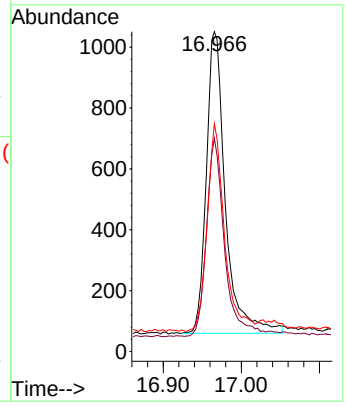


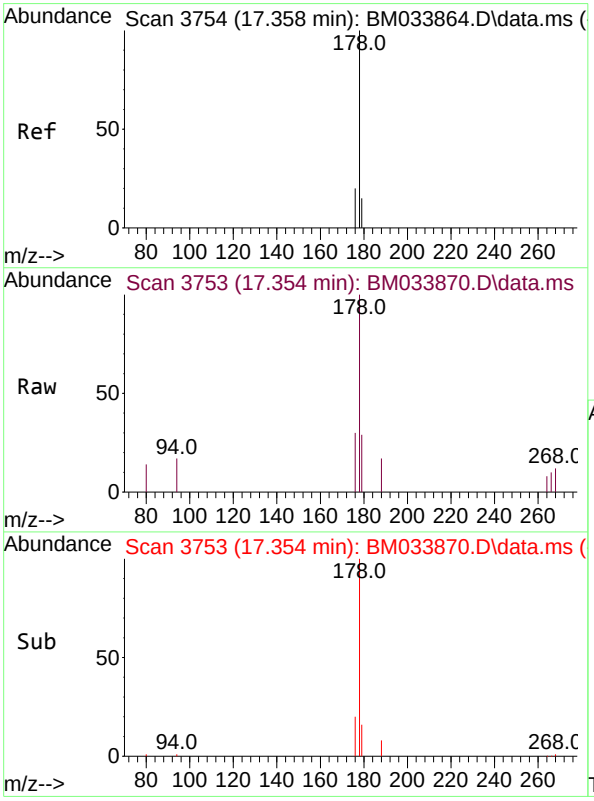
#14
Pentachlorophenol
Concen: 0.464 ng/ul
RT: 16.966 min Scan# 3
Delta R.T. -0.007 min
Lab File: BM033870.D
Acq: 26 Jan 2022 15:01

Instrument :
BNA_M
ClientSampleId :
C0Q32

Tgt Ion:266 Resp: 1685

Ion	Ratio	Lower	Upper
266	100		
264	62.9	51.4	77.0
268	62.4	53.1	79.7

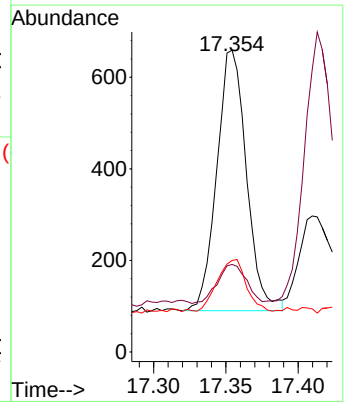


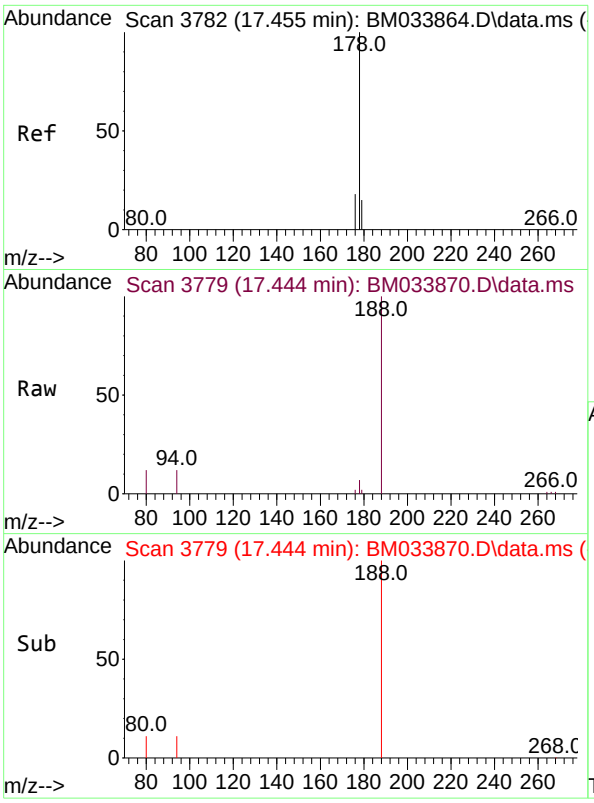


#15
Phenanthrene
Concen: 0.032 ng/ul
RT: 17.354 min Scan# 3753
Delta R.T. -0.004 min
Lab File: BM033870.D
Acq: 26 Jan 2022 15:01

Tgt Ion:178 Resp: 813

Ion	Ratio	Lower	Upper
178	100		
179	29.0	15.0	22.6#
176	30.3	17.9	26.9#



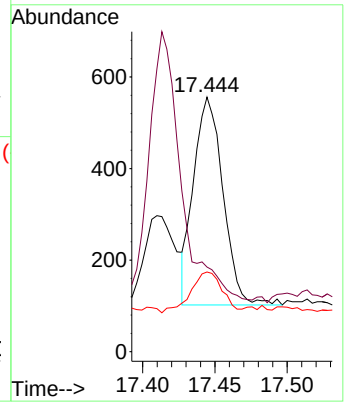


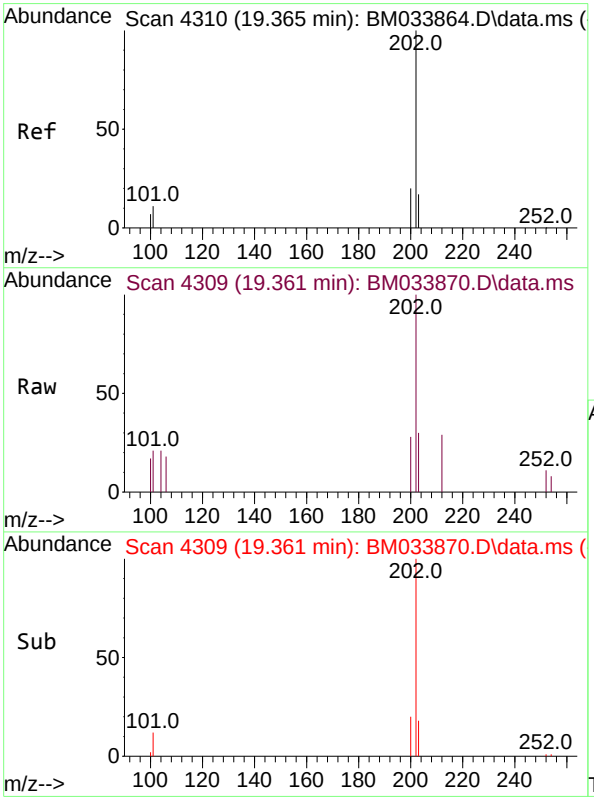
#16
Anthracene
Concen: 0.027 ng/ul
RT: 17.444 min Scan# 3
Delta R.T. -0.007 min
Lab File: BM033870.D
Acq: 26 Jan 2022 15:01

Instrument :
BNA_M
ClientSampleId :
C0Q32

Tgt Ion:178 Resp: 645

Ion	Ratio	Lower	Upper
178	100		
179	33.3	16.5	24.7#
176	31.3	18.3	27.5#

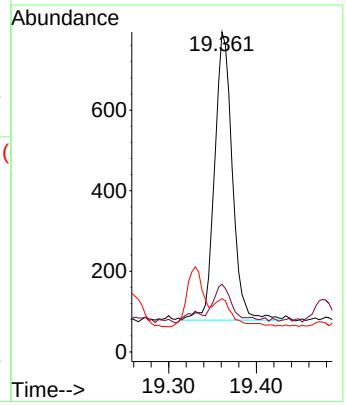


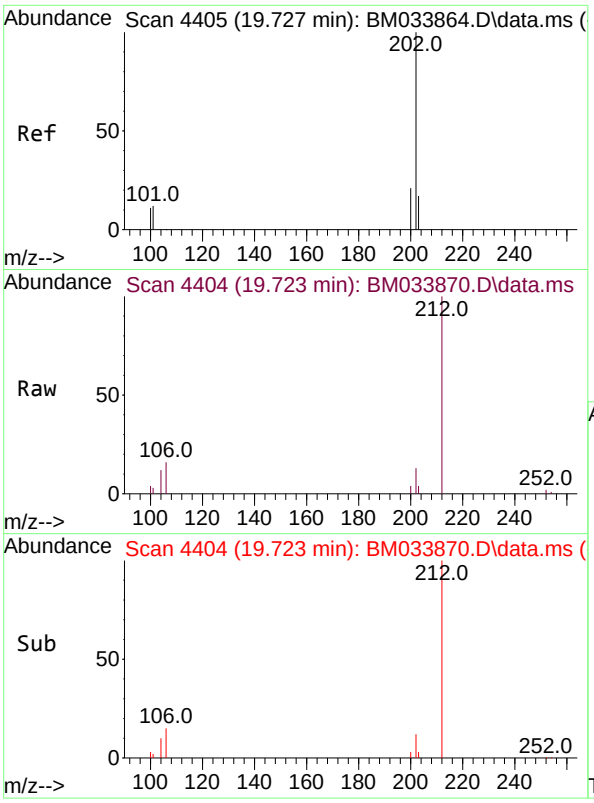


#19
Fluoranthene
Concen: 0.036 ng/ul
RT: 19.361 min Scan# 4309
Delta R.T. -0.008 min
Lab File: BM033870.D
Acq: 26 Jan 2022 15:01

Tgt Ion:202 Resp: 1005

Ion	Ratio	Lower	Upper
202	100		
101	21.2	9.2	13.8#
100	16.6	7.2	10.8#



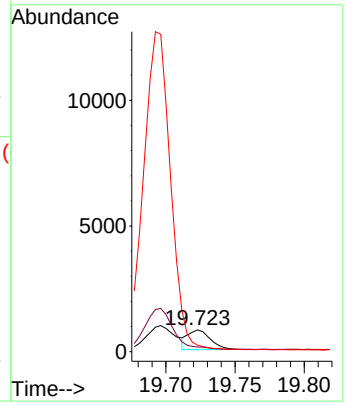


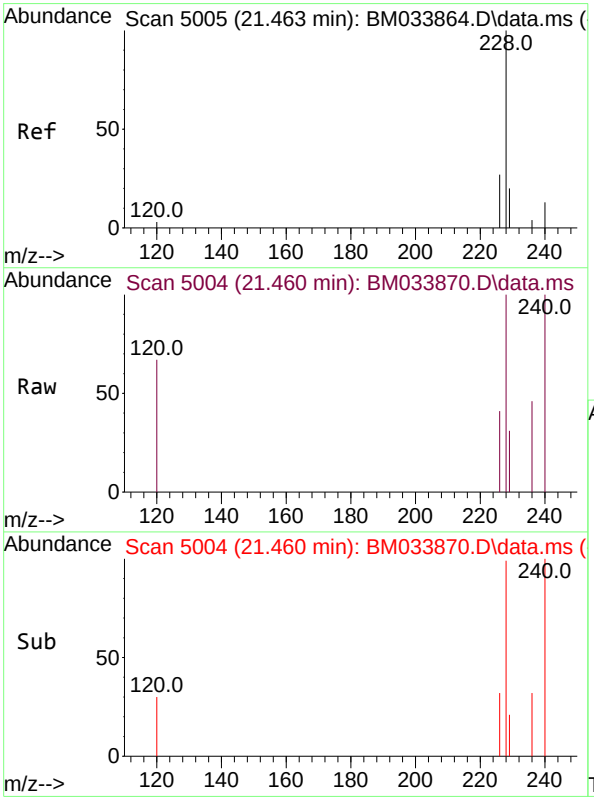
#20
Pyrene
Concen: 0.031 ng/ul
RT: 19.723 min Scan# 44
Delta R.T. -0.004 min
Lab File: BM033870.D
Acq: 26 Jan 2022 15:01

Instrument :
BNA_M
ClientSampleId :
C0Q32

Tgt Ion:202 Resp: 884

Ion	Ratio	Lower	Upper
202	100		
101	21.8	9.3	13.9#
100	29.7	7.8	11.6#

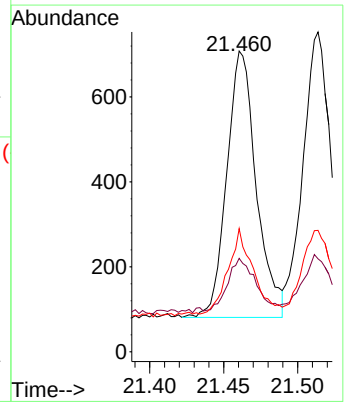


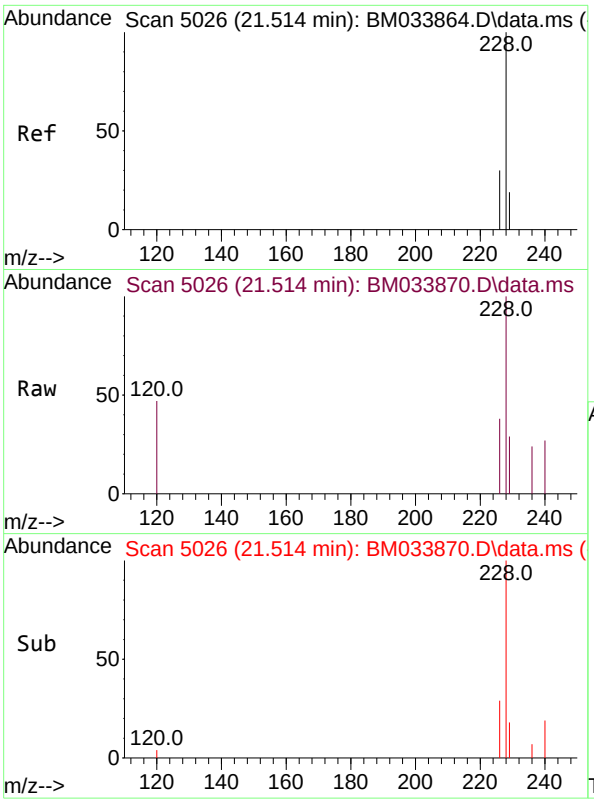


#21
Benzo(a)anthracene
Concen: 0.035 ng/ul
RT: 21.460 min Scan# 5004
Delta R.T. -0.007 min
Lab File: BM033870.D
Acq: 26 Jan 2022 15:01

Tgt Ion:228 Resp: 870

Ion	Ratio	Lower	Upper
228	100		
229	31.1	17.3	25.9#
226	41.0	23.2	34.8#



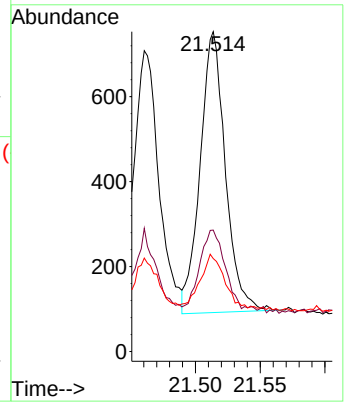


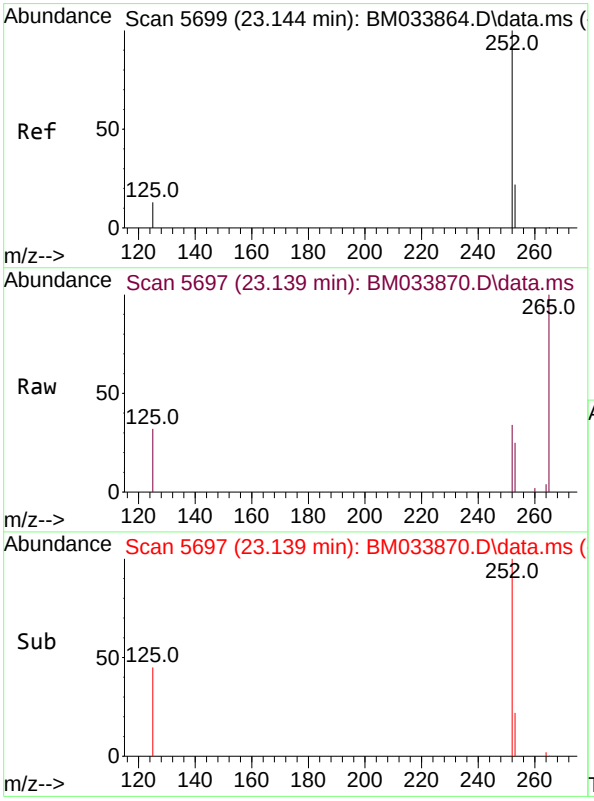
#22
Chrysene
Concen: 0.034 ng/ul
RT: 21.514 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM033870.D
Acq: 26 Jan 2022 15:01

Instrument :
BNA_M
ClientSampleId :
C0Q32

Tgt Ion:228 Resp: 896

Ion	Ratio	Lower	Upper
228	100		
226	38.0	25.8	38.8
229	29.1	16.7	25.1#

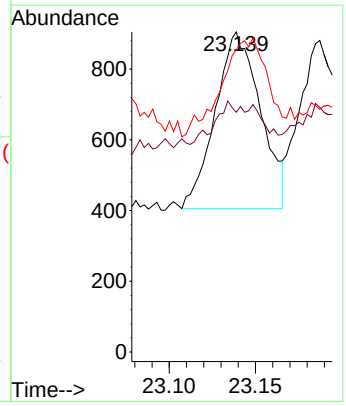


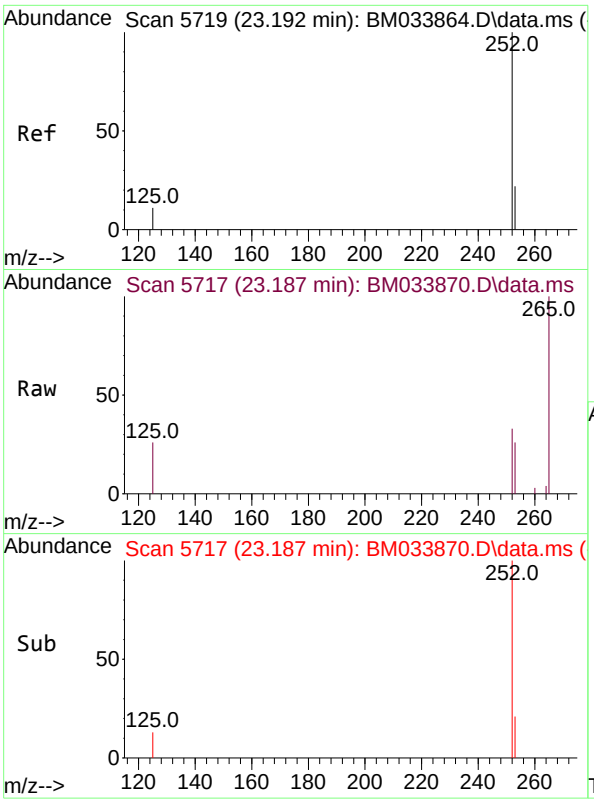


#24
Benzo(b)fluoranthene
Concen: 0.029 ng/ul
RT: 23.139 min Scan# 5697
Delta R.T. -0.012 min
Lab File: BM033870.D
Acq: 26 Jan 2022 15:01

Tgt Ion:252 Resp: 911

Ion	Ratio	Lower	Upper
252	100		
253	74.9	0.0	64.2#
125	94.5	0.0	28.8#



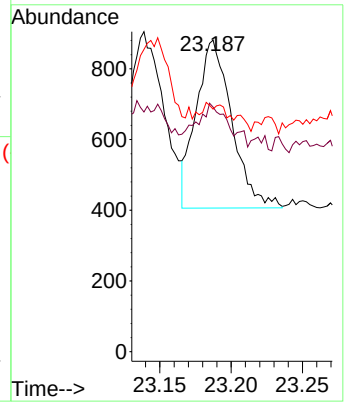


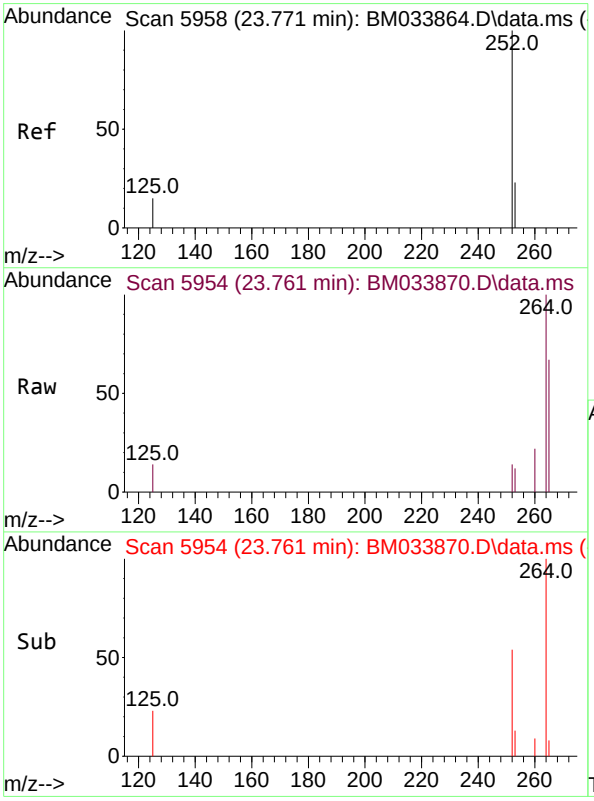
#25
Benzo(k)fluoranthene
Concen: 0.026 ng/ul
RT: 23.187 min Scan# 5
Delta R.T. -0.012 min
Lab File: BM033870.D
Acq: 26 Jan 2022 15:01

Instrument :
BNA_M
ClientSampleId :
C0Q32

Tgt Ion:252 Resp: 826

Ion	Ratio	Lower	Upper
252	100		
253	78.5	26.8	40.2#
125	77.9	12.0	18.0#

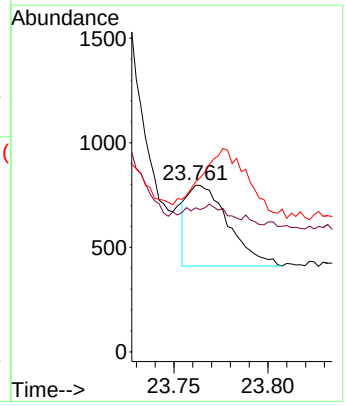


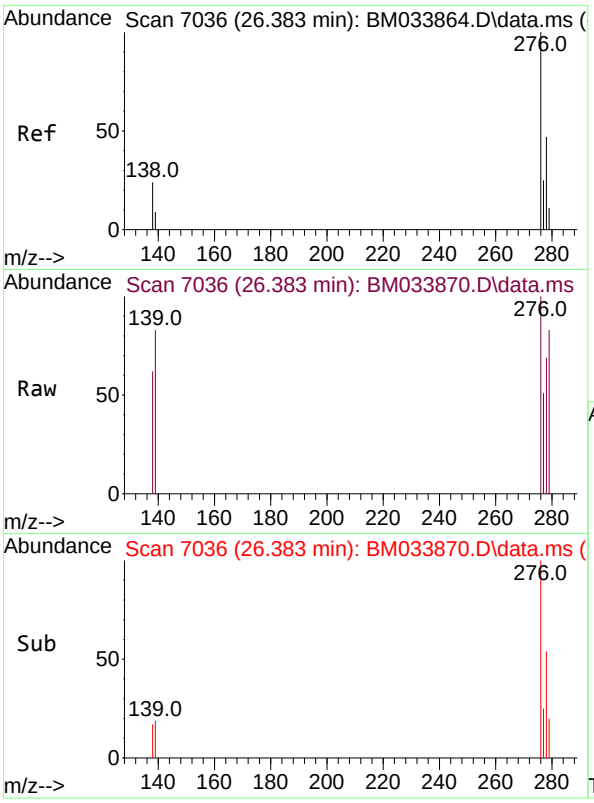


#26
Benzo(a)pyrene
Concen: 0.022 ng/ul
RT: 23.761 min Scan# 5954
Delta R.T. -0.017 min
Lab File: BM033870.D
Acq: 26 Jan 2022 15:01

Tgt Ion:252 Resp: 594

Ion	Ratio	Lower	Upper
252	100		
253	86.4	32.0	48.0#
125	102.0	14.5	21.7#



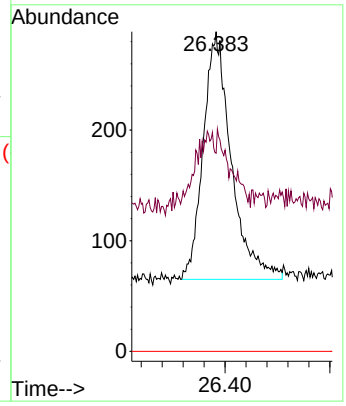


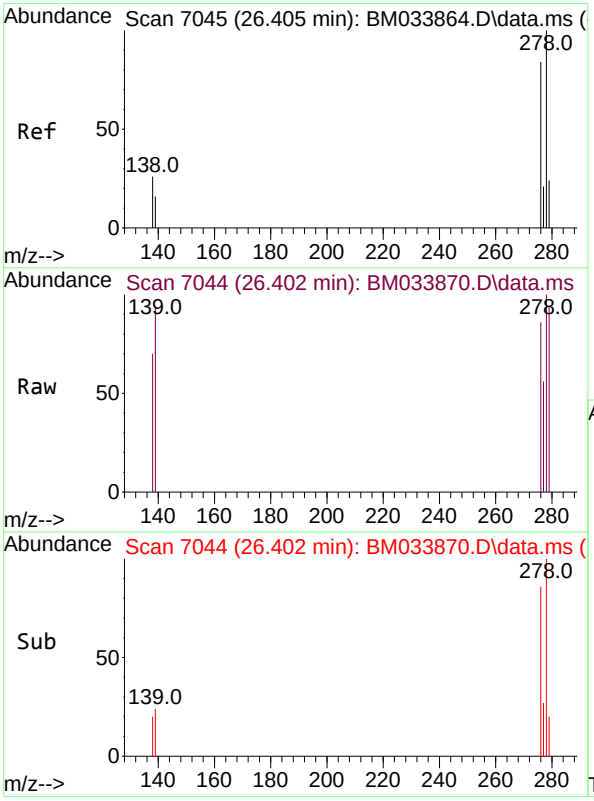
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng/ul
RT: 26.383 min Scan# 7
Delta R.T. -0.012 min
Lab File: BM033870.D
Acq: 26 Jan 2022 15:01

Instrument :
BNA_M
ClientSampleId :
C0Q32

Tgt Ion:276 Resp: 832

Ion	Ratio	Lower	Upper
276	100		
138	15.3	15.8	23.6#
227	0.0	0.0	0.0

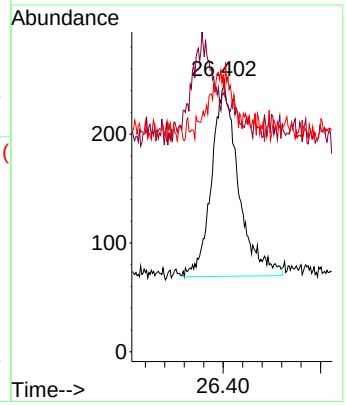


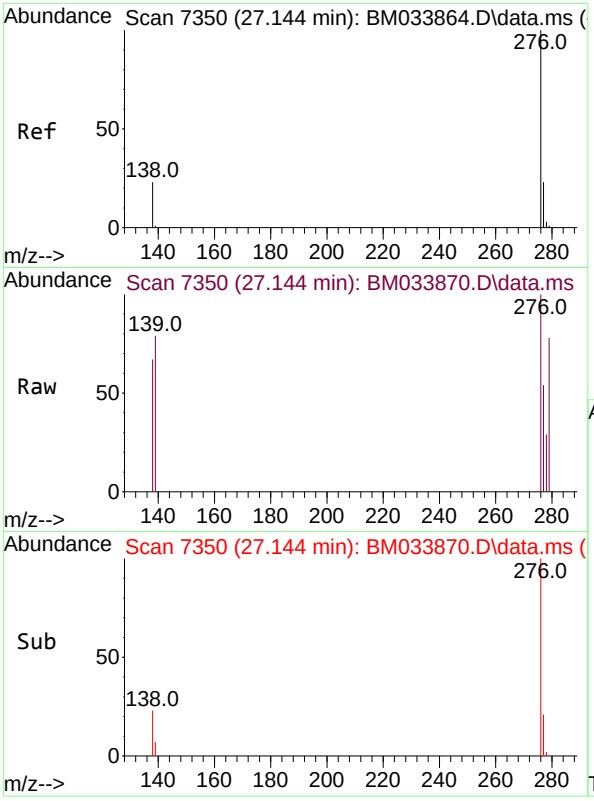


#28
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 26.402 min Scan# 7044
Delta R.T. -0.010 min
Lab File: BM033870.D
Acq: 26 Jan 2022 15:01

Tgt Ion:278 Resp: 683

Ion	Ratio	Lower	Upper
278	100		
139	94.4	18.0	27.0#
279	94.4	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul
RT: 27.144 min Scan# 7
Delta R.T. -0.019 min
Lab File: BM033870.D
Acq: 26 Jan 2022 15:01

Instrument :
BNA_M
ClientSampleId :
C0Q32

Tgt Ion:276 Resp: 713

Ion	Ratio	Lower	Upper
276	100		
138	67.2	17.4	26.0#
277	54.2	22.6	33.8#