Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048364.D
Acq On : 31 Oct 2024 19:01
Operator : RC/JU
Sample : P4530-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 03 07:03:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F7H31

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.712	152	4556	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.497	136	14390	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.354	164	7803	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.095	188	15818m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.292	240	13899m	0.400	ng/ul	0.00
23) Perylene-d12	23.519	264	11427m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	17105	3.057	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.119	152	4073	0.222	ng/ul	-0.02
18) Fluoranthene-d10	19.128	212	9703	0.275	ng/ul	0.00
Target Compounds						Qvalue
19) Fluoranthene	19.155	202	2550	0.053	ng/ul#	82
20) Pyrene	19.513	202	4440m	0.086	ng/ul	
21) Benzo(a)anthracene	21.283	228	3012	0.072	ng/ul#	86
22) Chrysene	21.327	228	2681m	0.047	ng/ul	
24) Benzo(b)fluoranthene	22.843	252	6471m	0.166	ng/ul	
25) Benzo(k)fluoranthene	22.881	252	3002m	0.065	ng/ul	
26) Benzo(a)pyrene	23.414	252	3053	0.083	ng/ul#	53
27) Indeno(1,2,3-cd)pyrene	25.832	276	2800	0.055	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.846	278	959	0.024	ng/ul#	1
29) Benzo(g,h,i)perylene	26.517	276	2712	0.063	ng/ul#	71

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

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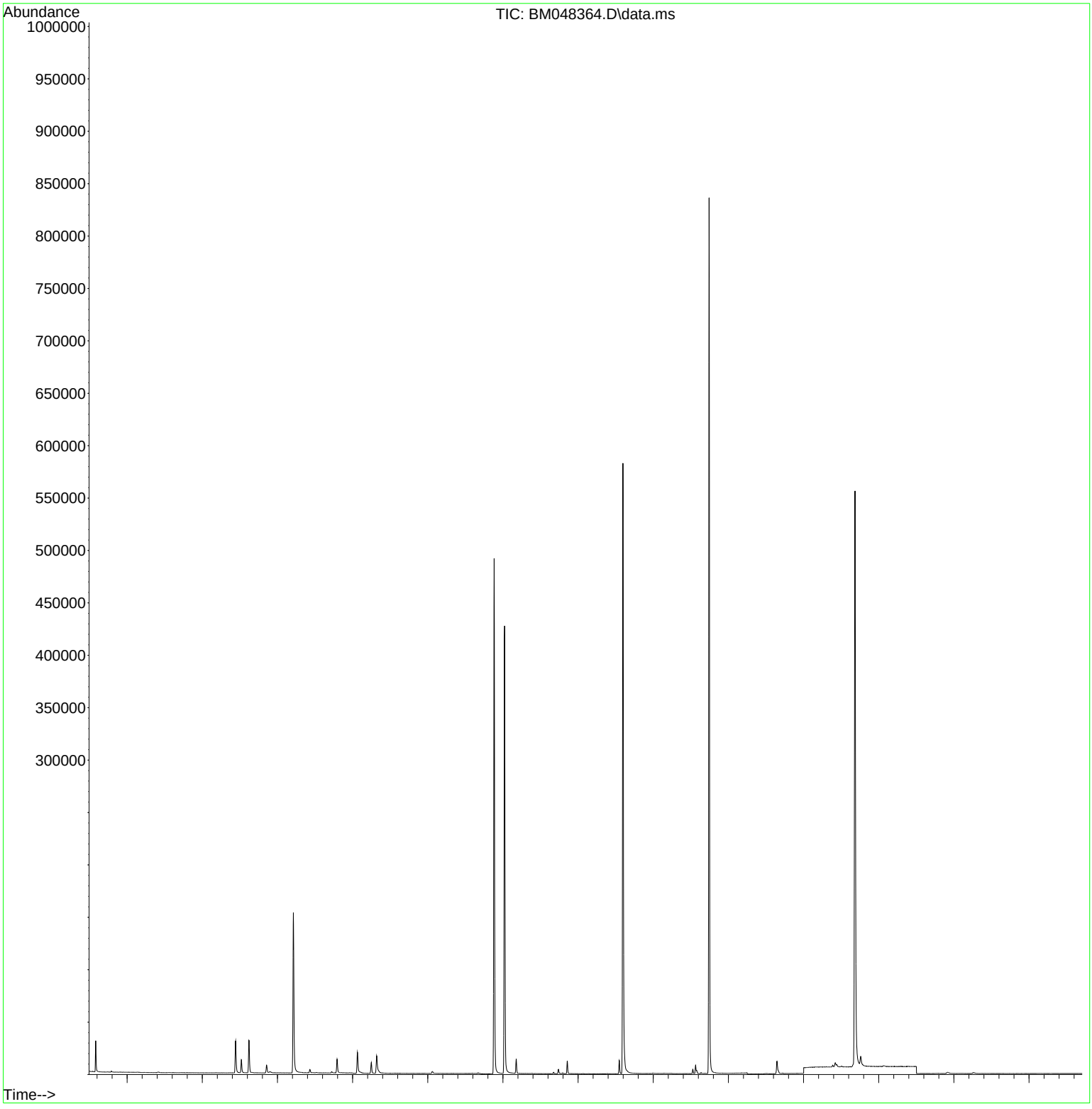
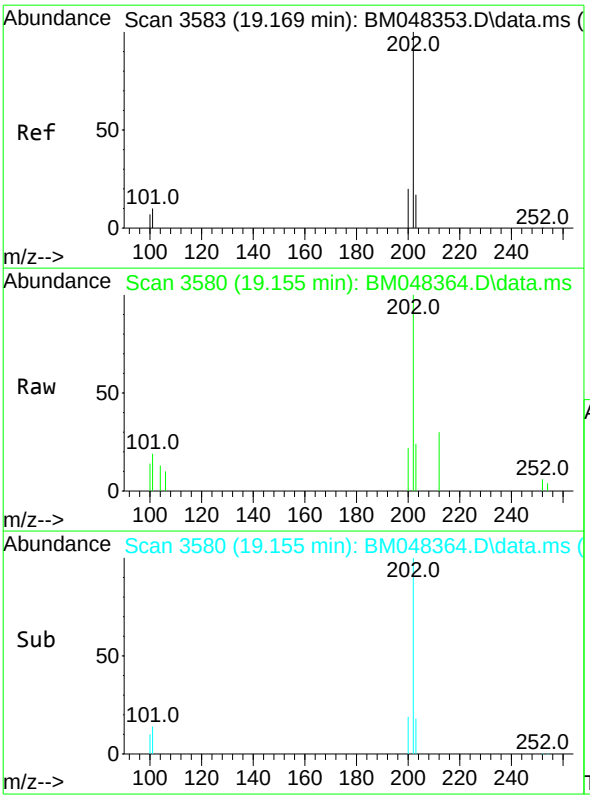
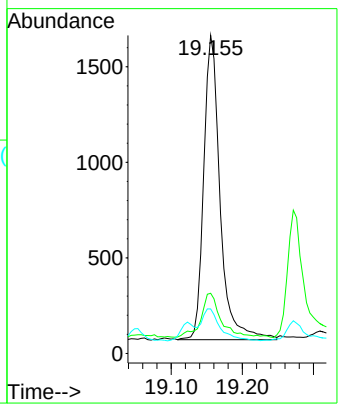




#19
Fluoranthene
Concen: 0.053 ng/ul
RT: 19.155 min Scan# 35
Delta R.T. -0.014 min
Lab File: BM048364.D
Acq: 31 Oct 2024 19:01

Tgt Ion:202 Resp: 2550

Ion	Ratio	Lower	Upper
202	100		
101	18.9	9.0	13.4#
100	14.0	6.6	10.0#



Instrument :
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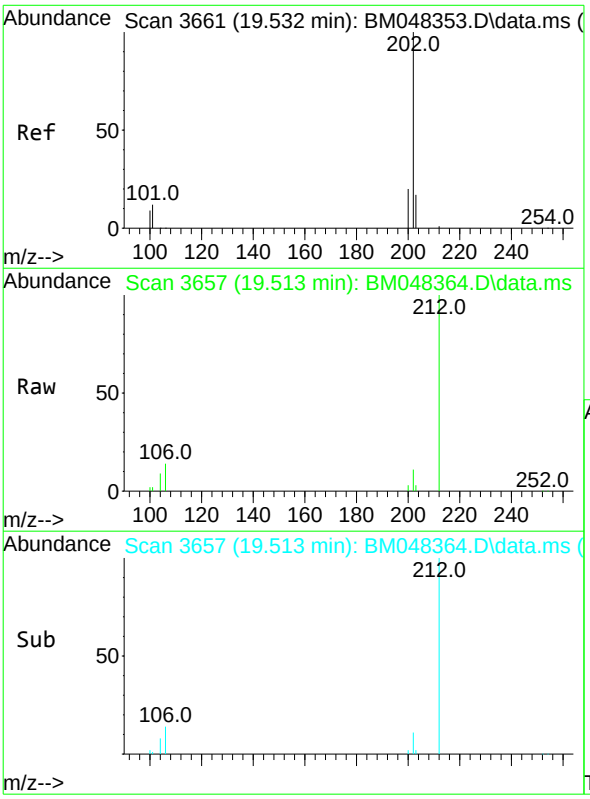
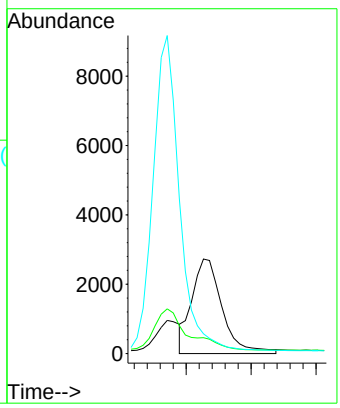
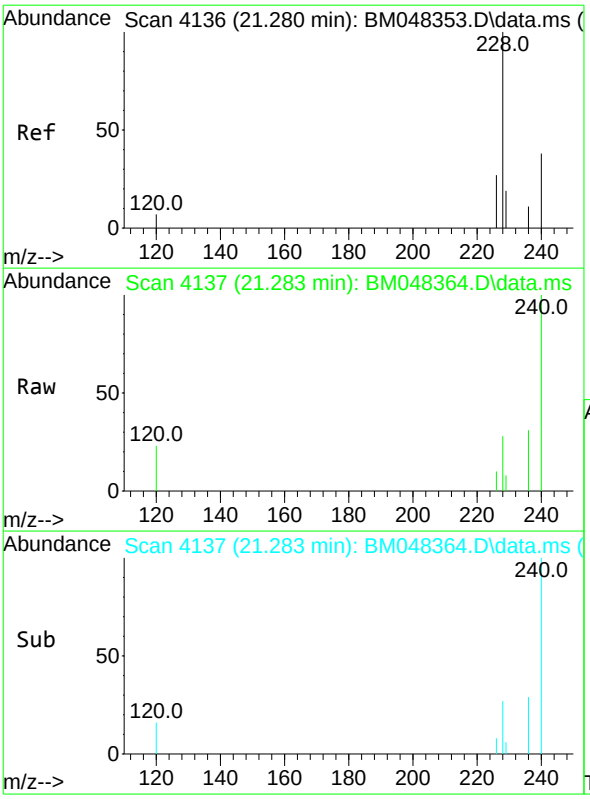


#20
Pyrene
Concen: 0.086 ng/ul m
RT: 19.513 min Scan# 3657
Delta R.T. -0.019 min
Lab File: BM048364.D
Acq: 31 Oct 2024 19:01

Tgt Ion:202 Resp: 4440

Ion	Ratio	Lower	Upper
202	100		
101	16.8	10.0	15.0#
100	21.0	8.0	12.0#





#21
Benzo(a)anthracene
Concen: 0.072 ng/ul
RT: 21.283 min Scan# 41
Delta R.T. 0.003 min
Lab File: BM048364.D
Acq: 31 Oct 2024 19:01

Tgt Ion:228 Resp: 3012

Ion	Ratio	Lower	Upper
228	100		
229	27.3	15.9	23.9#
226	34.1	22.1	33.1#

Instrument :
BNA_M
ClientSampleId :
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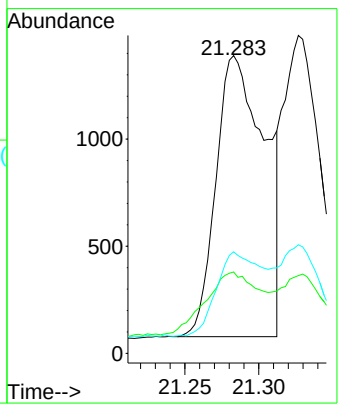
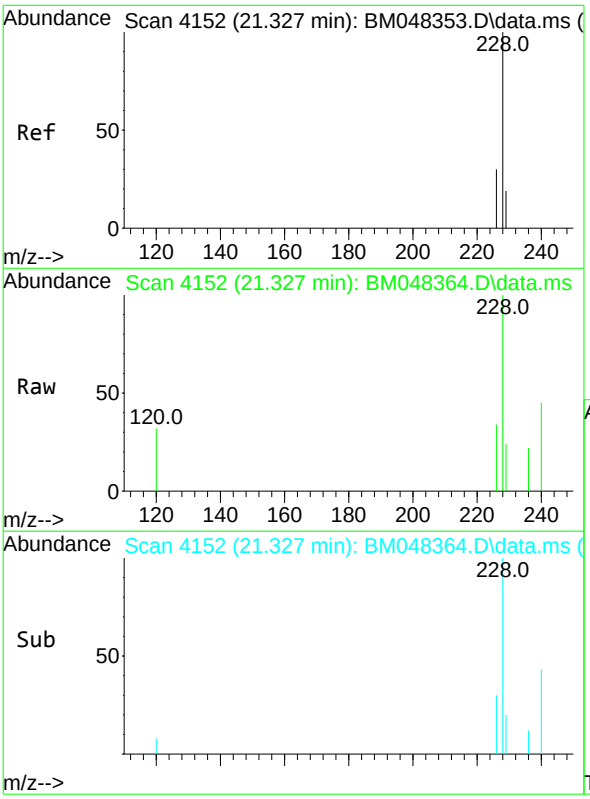
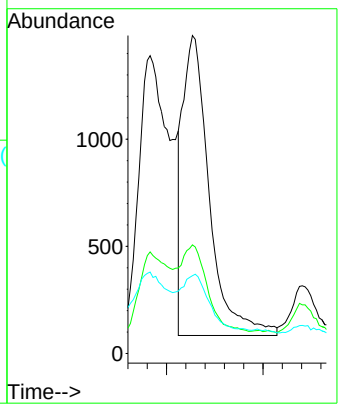


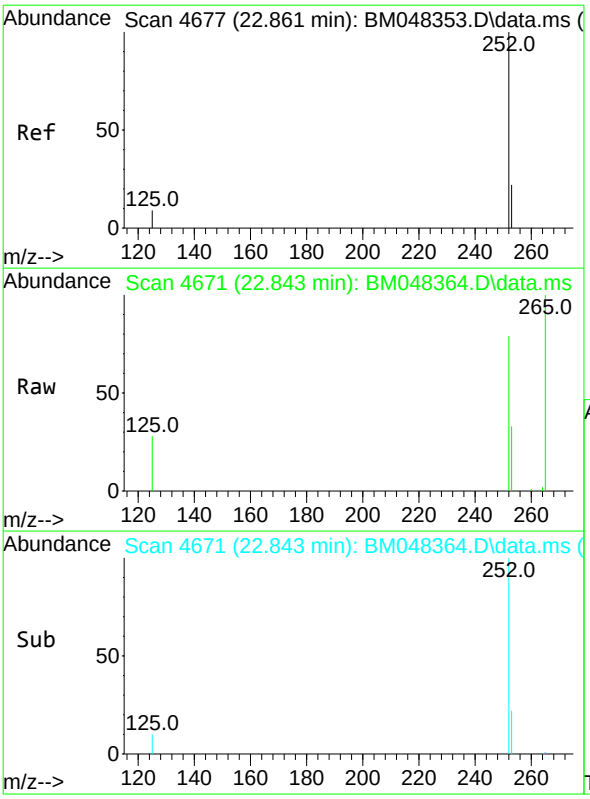


#22
Chrysene
Concen: 0.047 ng/ul m
RT: 21.327 min Scan# 4152
Delta R.T. -0.000 min
Lab File: BM048364.D
Acq: 31 Oct 2024 19:01

Tgt Ion:228 Resp: 2681

Ion	Ratio	Lower	Upper
228	100		
226	34.2	24.1	36.1
229	24.5	15.9	23.9#

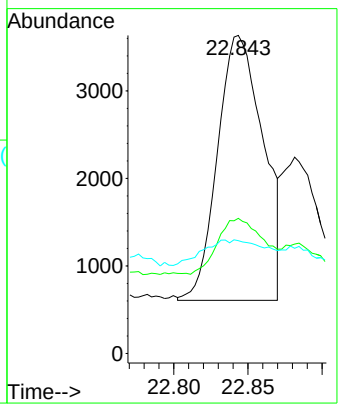




#24
Benzo(b)fluoranthene
Concen: 0.166 ng/ul m
RT: 22.843 min Scan# 46
Delta R.T. -0.018 min
Lab File: BM048364.D
Acq: 31 Oct 2024 19:01

Tgt Ion:252 Resp: 6471

Ion	Ratio	Lower	Upper
252	100		
253	42.5	0.0	59.4
125	35.5	0.0	38.0



Instrument :
BNA_M
ClientSampleId :
F7H31

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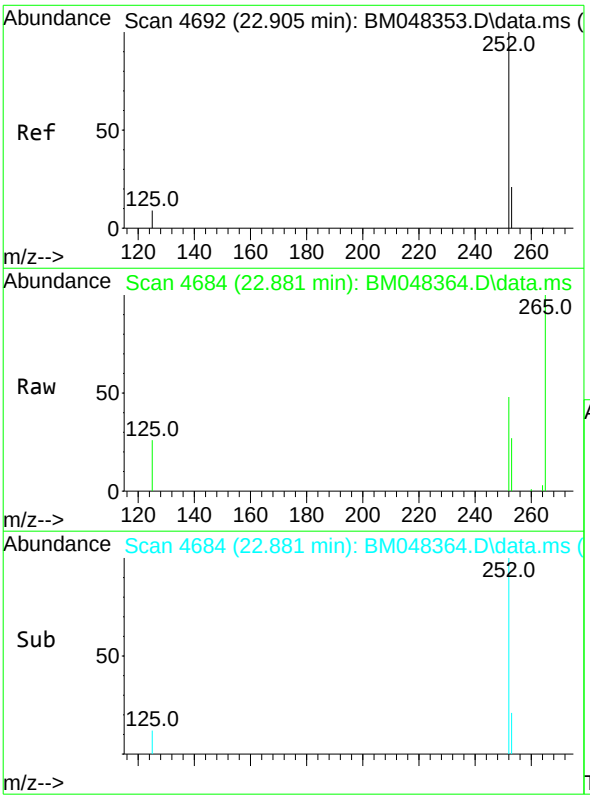
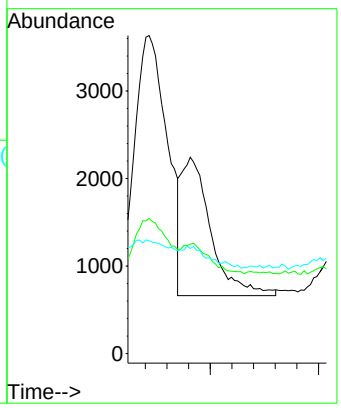
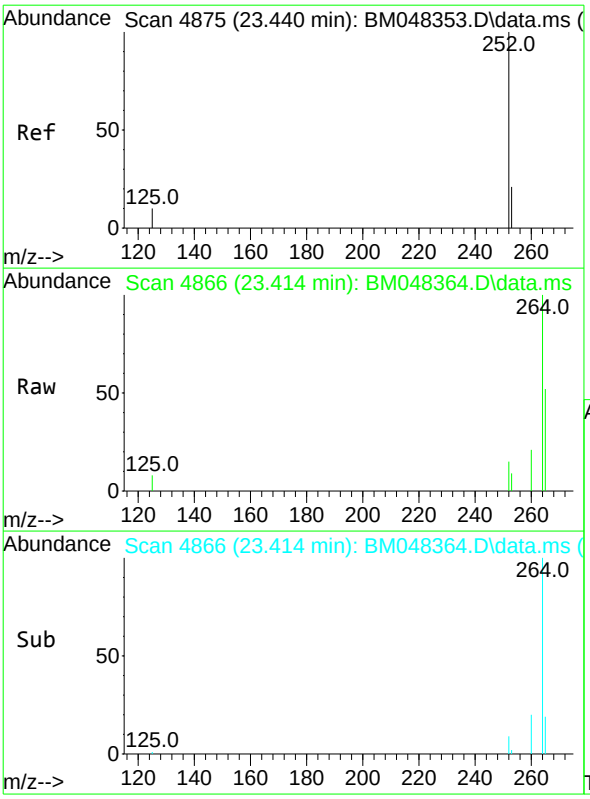


#25
Benzo(k)fluoranthene
Concen: 0.065 ng/ul m
RT: 22.881 min Scan# 4684
Delta R.T. -0.023 min
Lab File: BM048364.D
Acq: 31 Oct 2024 19:01

Tgt Ion:252 Resp: 3002

Ion	Ratio	Lower	Upper
252	100		
253	55.7	23.4	35.0#
125	53.6	15.3	22.9#





#26
Benzo(a)pyrene
Concen: 0.083 ng/ul
RT: 23.414 min Scan# 48
Delta R.T. -0.026 min
Lab File: BM048364.D
Acq: 31 Oct 2024 19:01

Tgt Ion:252 Resp: 3053

Ion	Ratio	Lower	Upper
252	100		
253	59.2	27.7	41.5#
125	53.1	21.1	31.7#

Instrument :
BNA_M
ClientSampleId :
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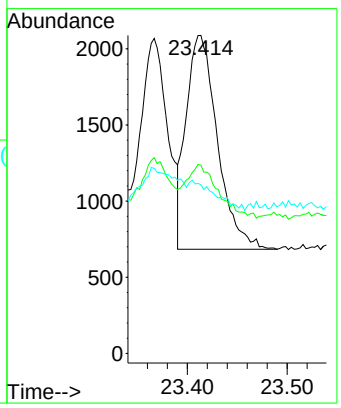
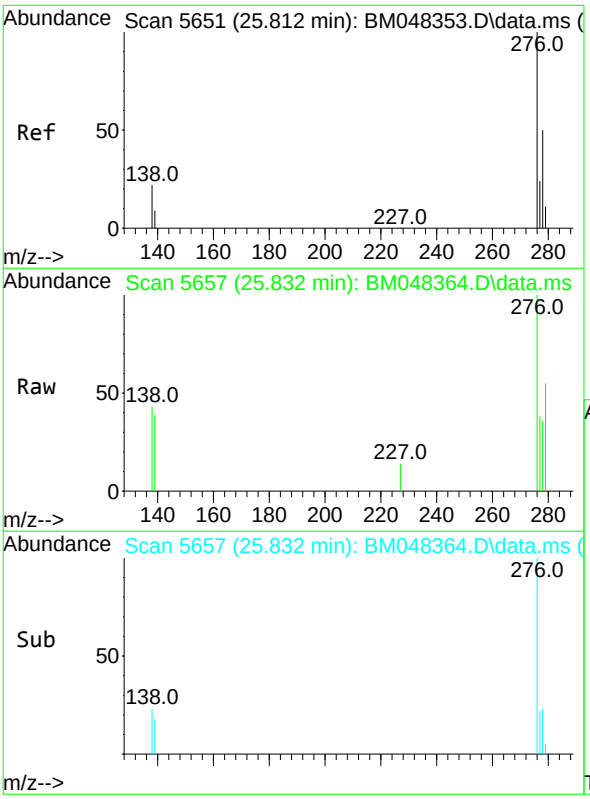
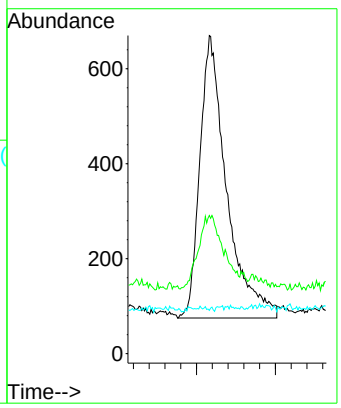


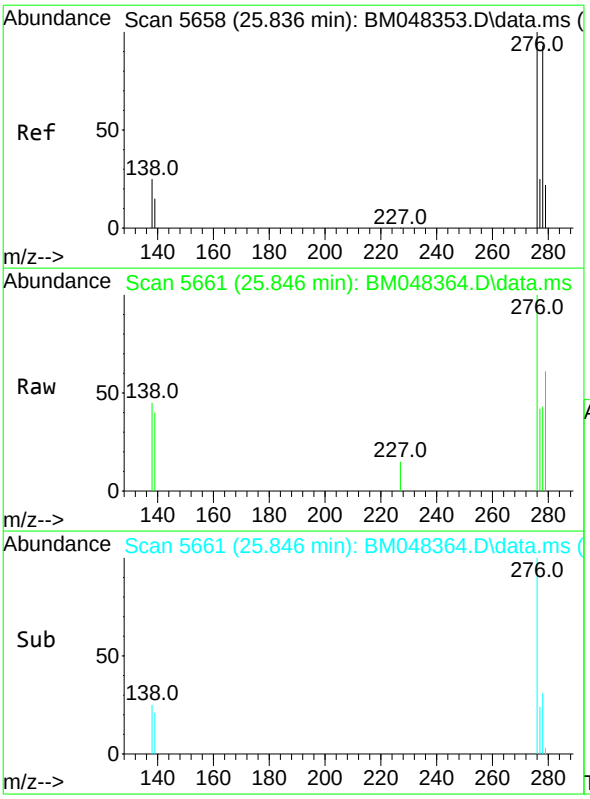


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.055 ng/ul
RT: 25.832 min Scan# 5657
Delta R.T. 0.020 min
Lab File: BM048364.D
Acq: 31 Oct 2024 19:01

Tgt Ion:276 Resp: 2800

Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.6	29.4
227	0.1	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 25.846 min Scan# 56
Delta R.T. 0.010 min
Lab File: BM048364.D
Acq: 31 Oct 2024 19:01

Tgt Ion:278 Resp: 959

Ion	Ratio	Lower	Upper
278	100		
139	93.8	15.6	23.4#
279	141.1	26.4	39.6#

Instrument :
BNA_M
ClientSampleId :
F7H31

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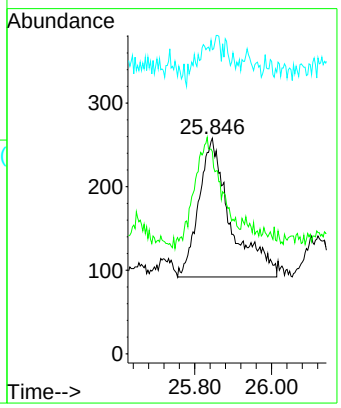

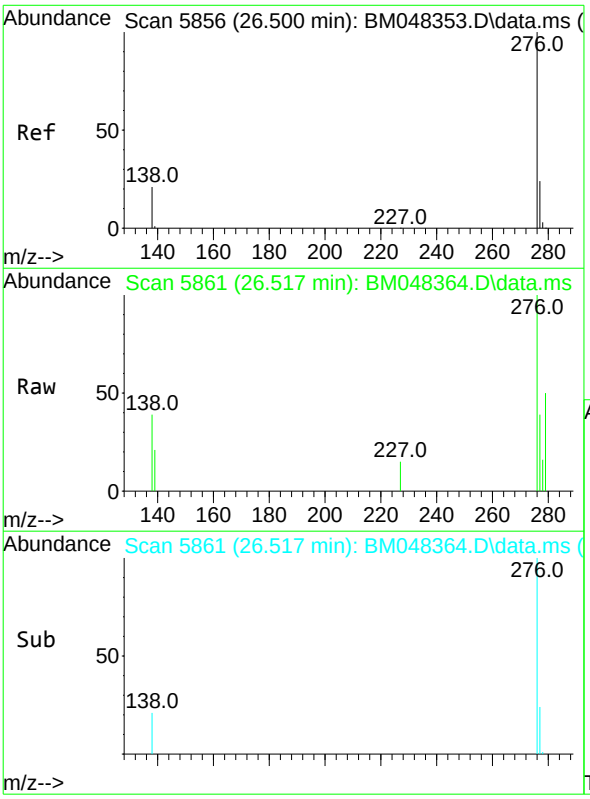

#29
Benzo(g,h,i)perylene
Concen: 0.063 ng/ul
RT: 26.517 min Scan# 5861
Delta R.T. 0.017 min
Lab File: BM048364.D
Acq: 31 Oct 2024 19:01

Tgt Ion:276 Resp: 2712

Ion	Ratio	Lower	Upper
276	100		
138	39.1	19.0	28.6#
277	39.4	20.6	31.0#