Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
Data File : BM048448.D
Acq On : 05 Nov 2024 04:42
Operator : RC/JU
Sample : P4625-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC6

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

Quant Time: Nov 05 05:16:45 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 : Tue Nov 05 05:12:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	4776	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.480	136	15022	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.340	164	7541	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.086	188	14918m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.292	240	10749m	0.400	ng/ul	0.00
23) Perylene-d12	23.510	264	8230m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	27960	4.767	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.108	152	4722	0.247	ng/ul	-0.03
18) Fluoranthene-d10	19.118	212	10746	0.394	ng/ul	-0.02
Target Compounds						Qvalue
15) Phenanthrene	17.124	178	1703m	0.046	ng/ul	
19) Fluoranthene	19.146	202	2944	0.079	ng/ul#	82
20) Pyrene	19.504	202	2649	0.067	ng/ul#	72
21) Benzo(a)anthracene	21.280	228	1397	0.043	ng/ul#	86
22) Chrysene	21.327	228	1538	0.035	ng/ul#	84
24) Benzo(b)fluoranthene	22.835	252	2260m	0.080	ng/ul	
25) Benzo(k)fluoranthene	22.873	252	967m	0.029	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.849	276	1030	0.028	ng/ul#	96
29) Benzo(g,h,i)perylene	26.533	276	1098	0.035	ng/ul#	30

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

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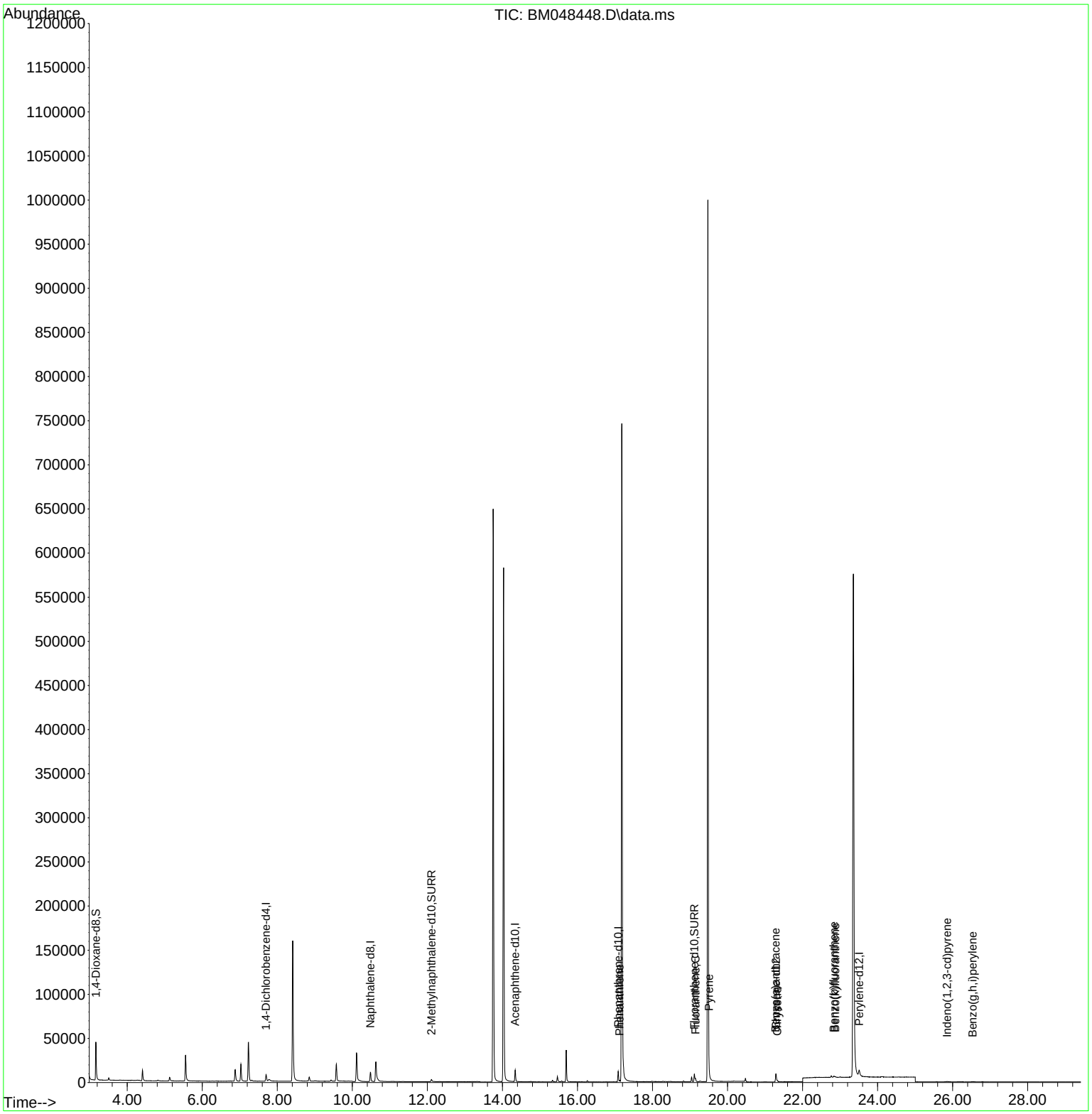
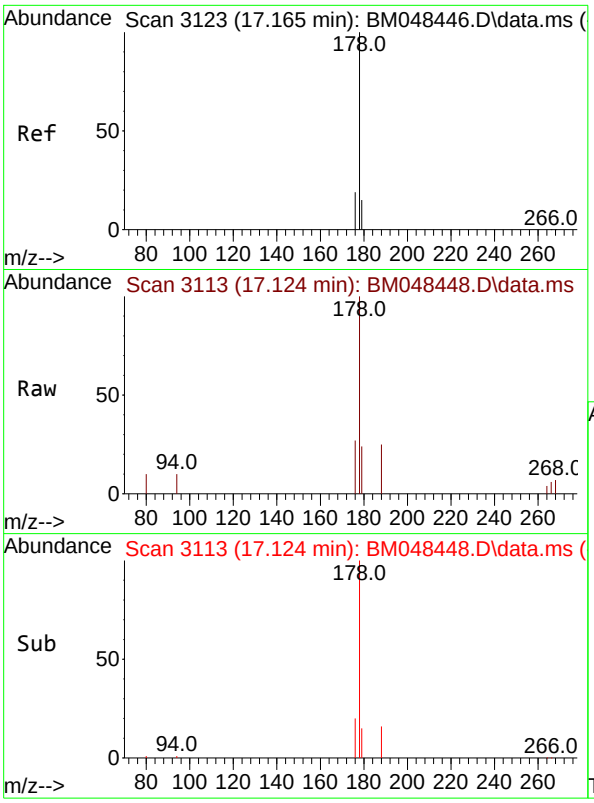
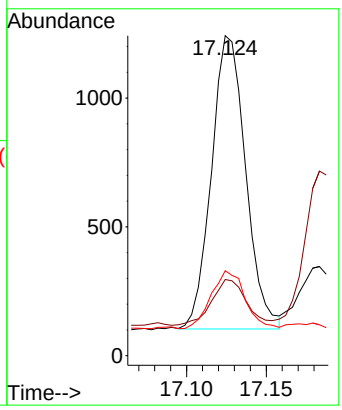




#15
Phenanthrene
Concen: 0.046 ng/ul m
RT: 17.124 min Scan# 3
Delta R.T. -0.034 min
Lab File: BM048448.D
Acq: 05 Nov 2024 04:42

Tgt Ion:178 Resp: 170

Ion	Ratio	Lower	Upper
178	100		
179	23.8	13.9	20.9#
176	26.6	16.0	24.0#



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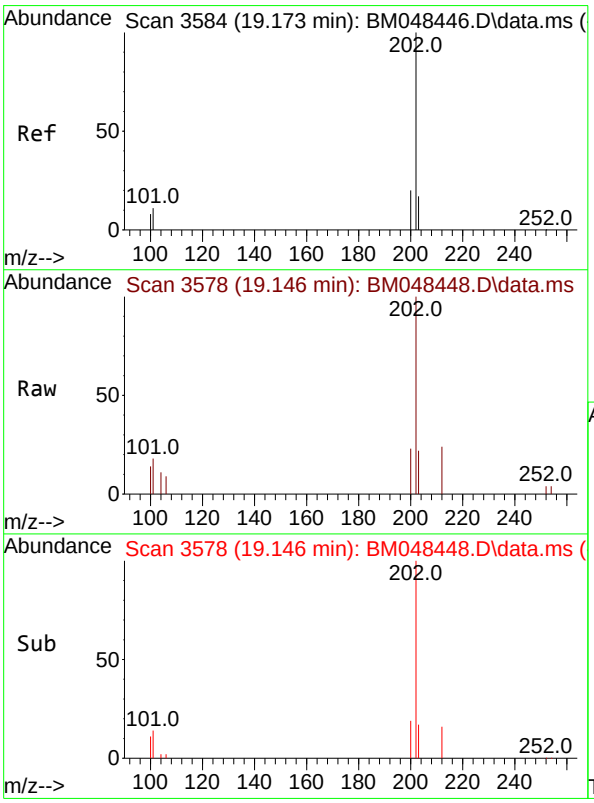
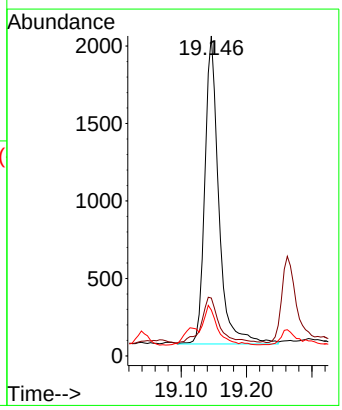
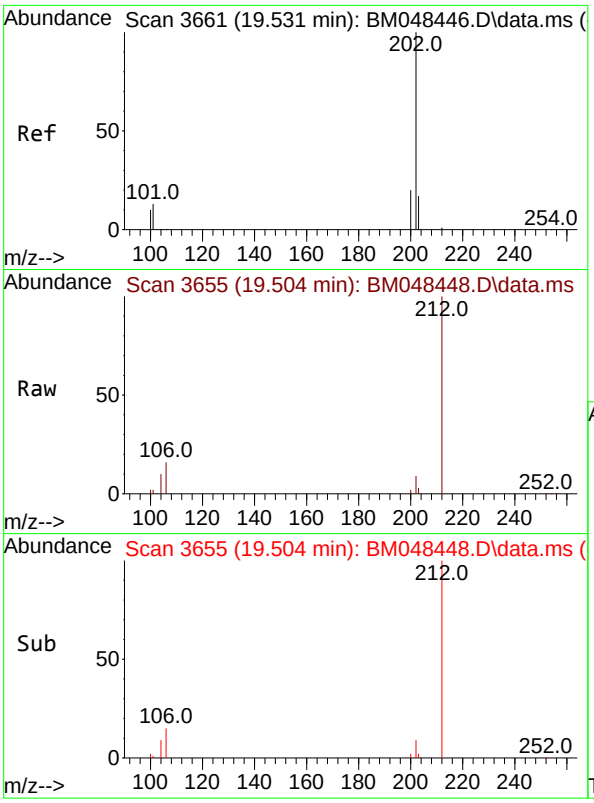


#19
Fluoranthene
Concen: 0.079 ng/ul
RT: 19.146 min Scan# 3578
Delta R.T. -0.023 min
Lab File: BM048448.D
Acq: 05 Nov 2024 04:42

Tgt Ion:202 Resp: 2944

Ion	Ratio	Lower	Upper
202	100		
101	18.1	9.0	13.4#
100	14.3	6.6	10.0#





#20
Pyrene
Concen: 0.067 ng/ul
RT: 19.504 min Scan# 3
Delta R.T. -0.028 min
Lab File: BM048448.D
Acq: 05 Nov 2024 04:42

Tgt Ion:202 Resp: 264

Ion	Ratio	Lower	Upper
202	100		
101	19.0	10.0	15.0#
100	25.5	8.0	12.0#

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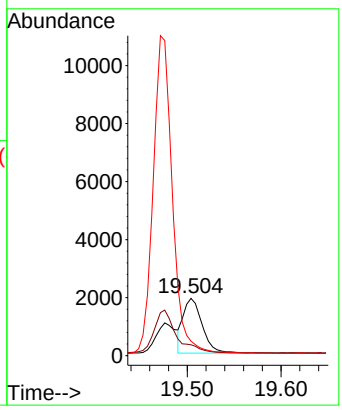
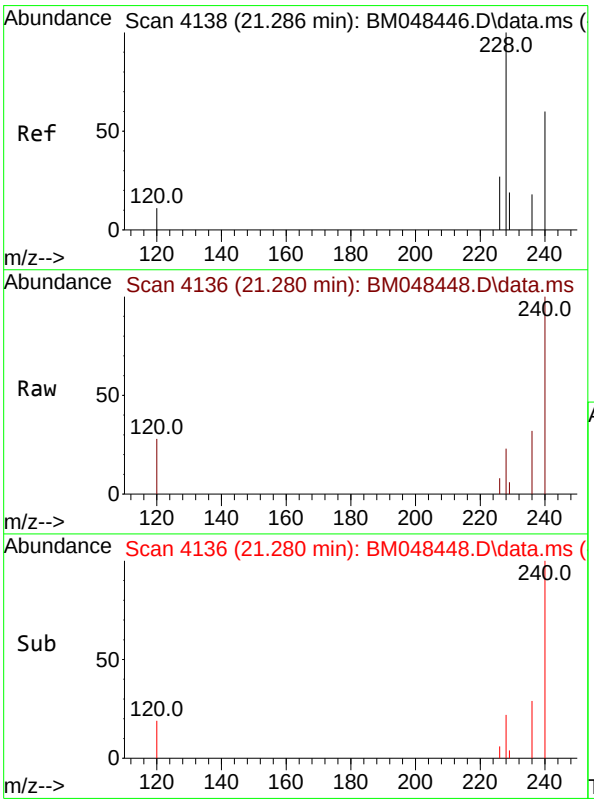
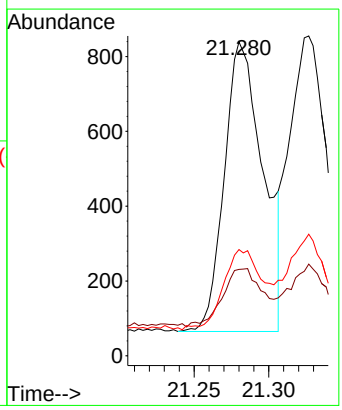


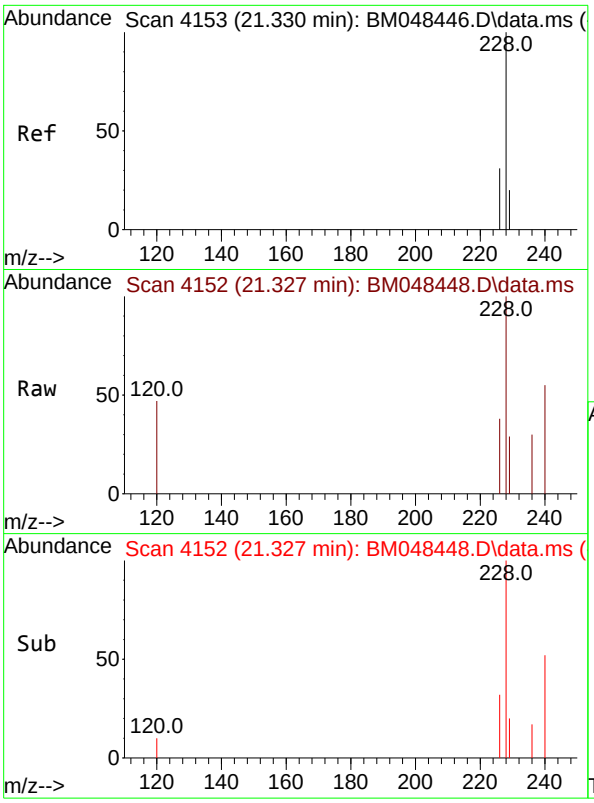


#21
Benzo(a)anthracene
Concen: 0.043 ng/ul
RT: 21.280 min Scan# 4136
Delta R.T. -0.000 min
Lab File: BM048448.D
Acq: 05 Nov 2024 04:42

Tgt Ion:228 Resp: 1397

Ion	Ratio	Lower	Upper
228	100		
229	27.5	15.9	23.9#
226	33.8	22.1	33.1#

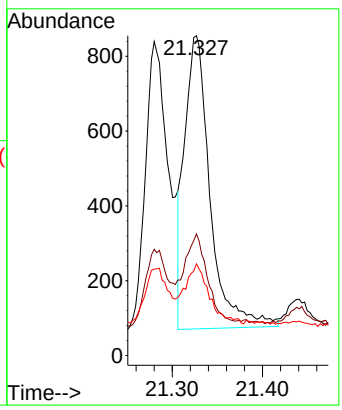




#22
Chrysene
Concen: 0.035 ng/ul
RT: 21.327 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM048448.D
Acq: 05 Nov 2024 04:42

Tgt Ion:228 Resp: 153

Ion	Ratio	Lower	Upper
228	100		
226	38.0	24.1	36.1#
229	28.7	15.9	23.9#



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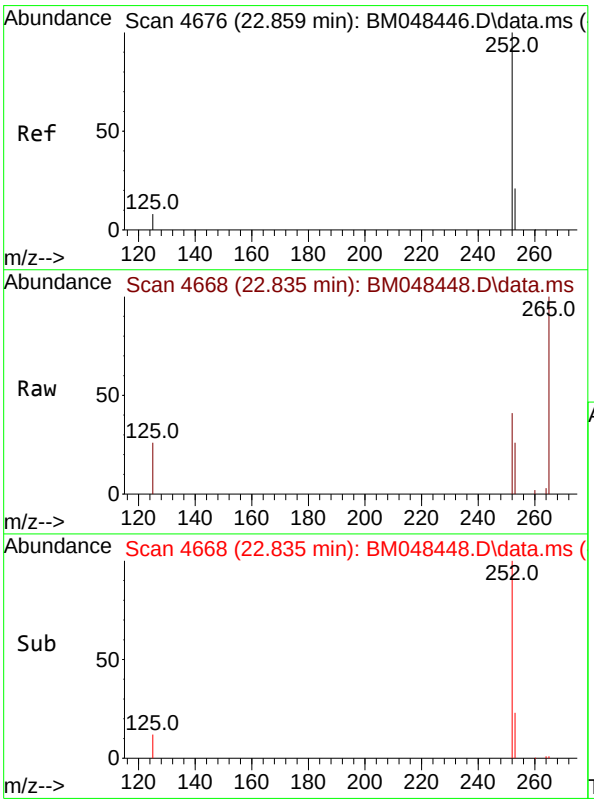
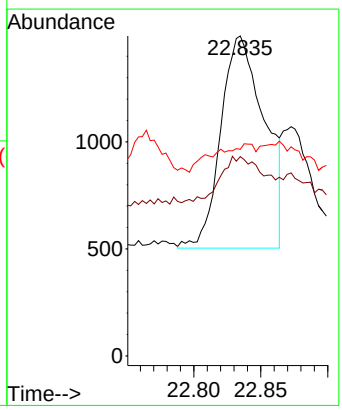
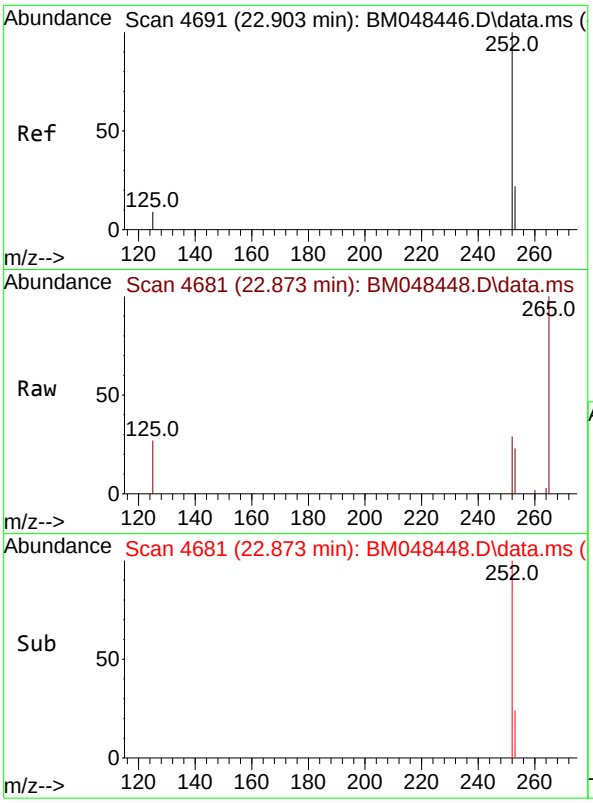


#24
Benzo(b)fluoranthene
Concen: 0.080 ng/ul m
RT: 22.835 min Scan# 4668
Delta R.T. -0.026 min
Lab File: BM048448.D
Acq: 05 Nov 2024 04:42

Tgt Ion:252 Resp: 2260

Ion	Ratio	Lower	Upper
252	100		
253	62.3	0.0	59.4#
125	64.5	0.0	38.0#

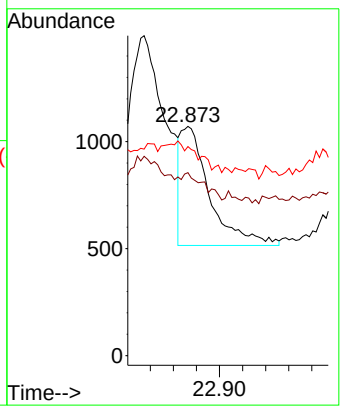




#25
Benzo(k)fluoranthene
Concen: 0.029 ng/ul m
RT: 22.873 min Scan# 4
Delta R.T. -0.032 min
Lab File: BM048448.D
Acq: 05 Nov 2024 04:42

Tgt Ion:252 Resp: 96

Ion	Ratio	Lower	Upper
252	100		
253	79.8	23.4	35.0#
125	91.2	15.3	22.9#



Instrument :
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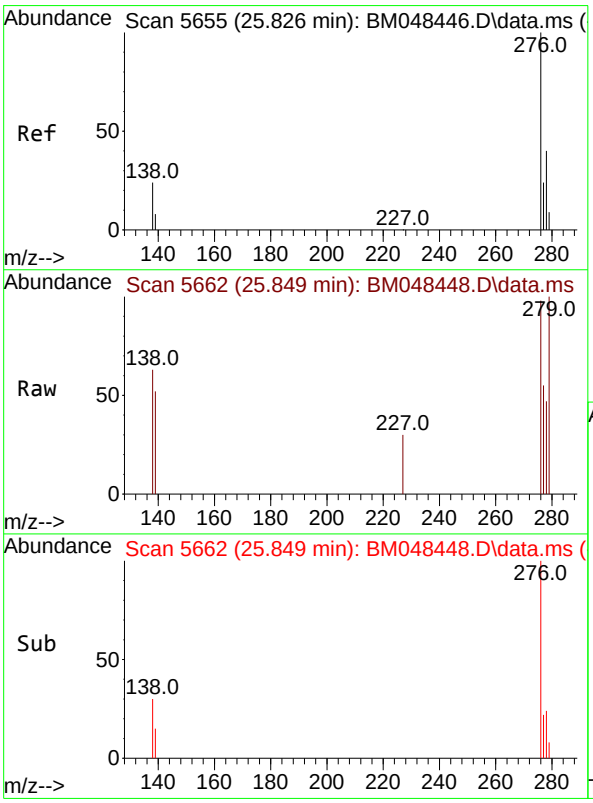
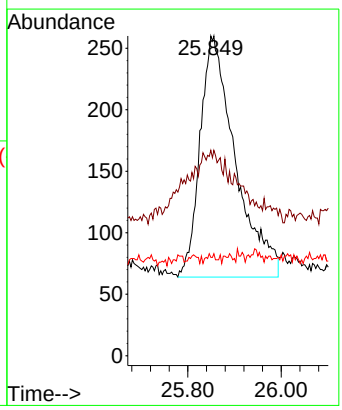
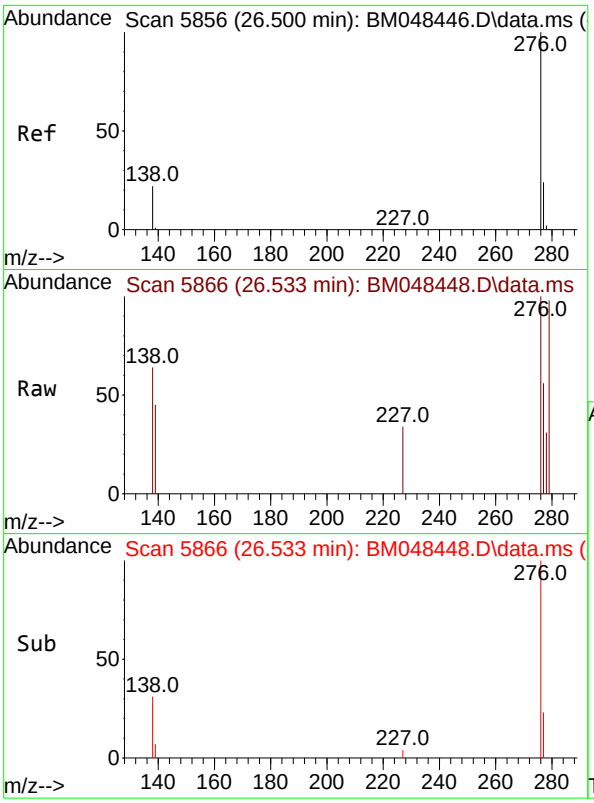


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.028 ng/ul
RT: 25.849 min Scan# 5662
Delta R.T. 0.037 min
Lab File: BM048448.D
Acq: 05 Nov 2024 04:42

Tgt Ion:276 Resp: 1030

Ion	Ratio	Lower	Upper
276	100		
138	22.7	19.6	29.4
227	1.0	0.1	0.1#

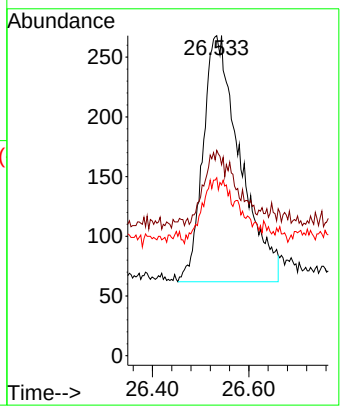




#29
Benzo(g,h,i)perylene
Concen: 0.035 ng/ul
RT: 26.533 min Scan# 5
Delta R.T. 0.033 min
Lab File: BM048448.D
Acq: 05 Nov 2024 04:42

Tgt Ion:276 Resp: 109

Ion	Ratio	Lower	Upper
276	100		
138	64.2	19.0	28.6#
277	55.6	20.6	31.0#



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