Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081424\
Data File : BM047189.D
Acq On : 14 Aug 2024 13:23
Operator : RC/JU
Sample : P3347-07DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ6DL

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/15/2024

Quant Time: Aug 14 13:52:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM080724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 16:46:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.372	152	6520	0.400	ng/ul		0.00
4) Naphthalene-d8	10.124	136	19487	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.027	164	9999	0.400	ng/ul		0.00
13) Phenanthrene-d10	16.788	188	20795	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.010	240	15278	0.400	ng/ul	#	0.00
23) Perylene-d12	23.108	264	14925m	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.013	96	3660	0.557	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.730	152	1599	0.055	ng/ul		0.00
18) Fluoranthene-d10	18.831	212	3134	0.071	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.173	128	3909	0.077	ng/ul	#	93
7) 2-Methylnaphthalene	11.807	142	678	0.020	ng/ul		96
11) Acenaphthene	14.087	153	101146	3.203	ng/ul		99
12) Fluorene	15.086	166	2190	0.060	ng/ul	#	87
16) Anthracene	16.919	178	8948	0.167	ng/ul		97
19) Fluoranthene	18.864	202	129377	2.089	ng/ul		97
20) Pyrene	19.226	202	79563	1.228	ng/ul		96
21) Benzo(a)anthracene	20.995	228	3053	0.054	ng/ul		94
22) Chrysene	21.048	228	3448m	0.058	ng/ul		
24) Benzo(b)fluoranthene	22.491	252	2165	0.037	ng/ul	#	4

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

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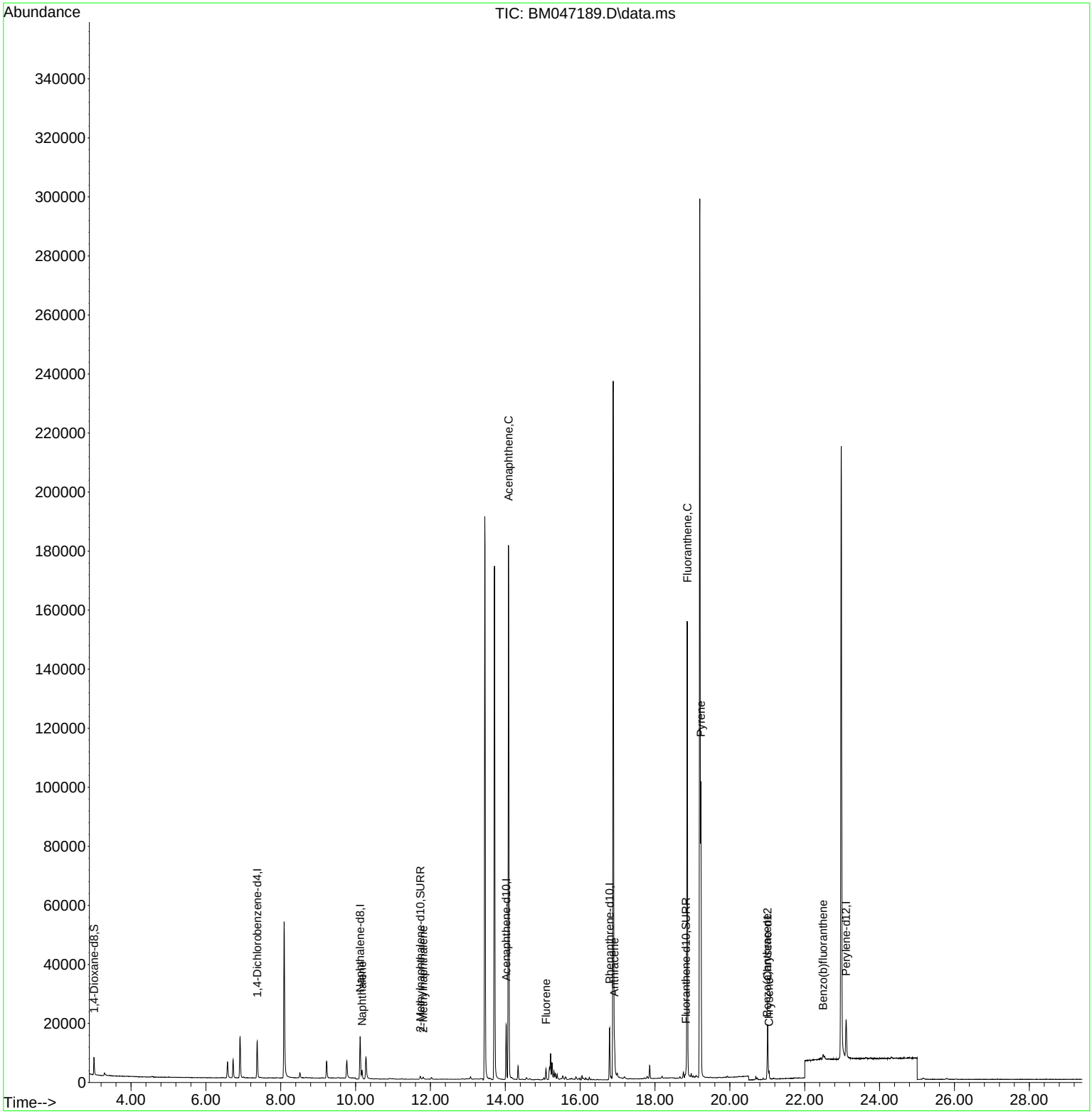

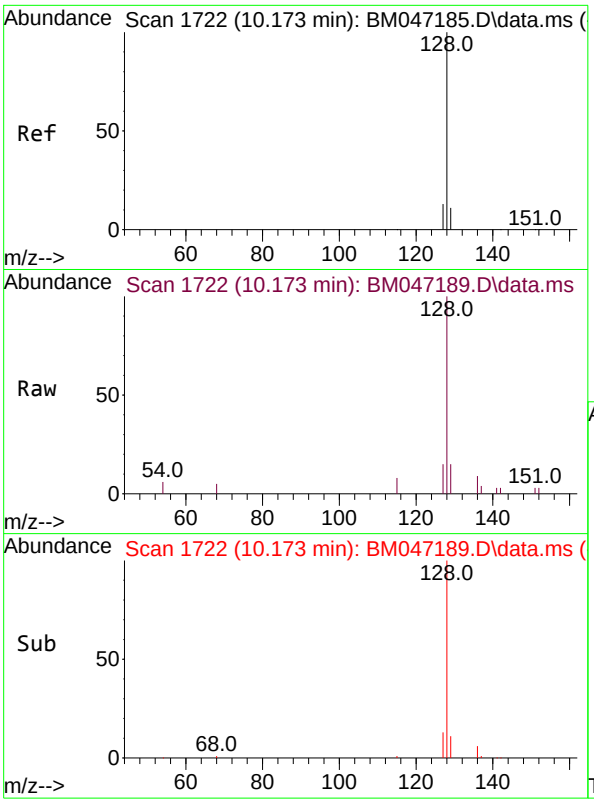

#5
Naphthalene
Concen: 0.077 ng/ul
RT: 10.173 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047189.D
Acq: 14 Aug 2024 13:23

Tgt Ion:128 Resp: 390

Ion	Ratio	Lower	Upper
128	100		
129	14.8	8.9	13.3#
127	15.0	10.6	15.8

Instrument :
BNA_M
ClientSampleId :
C0AZ6DL

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
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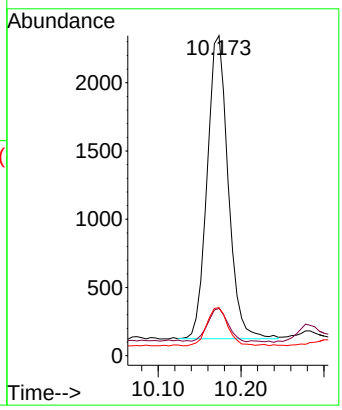
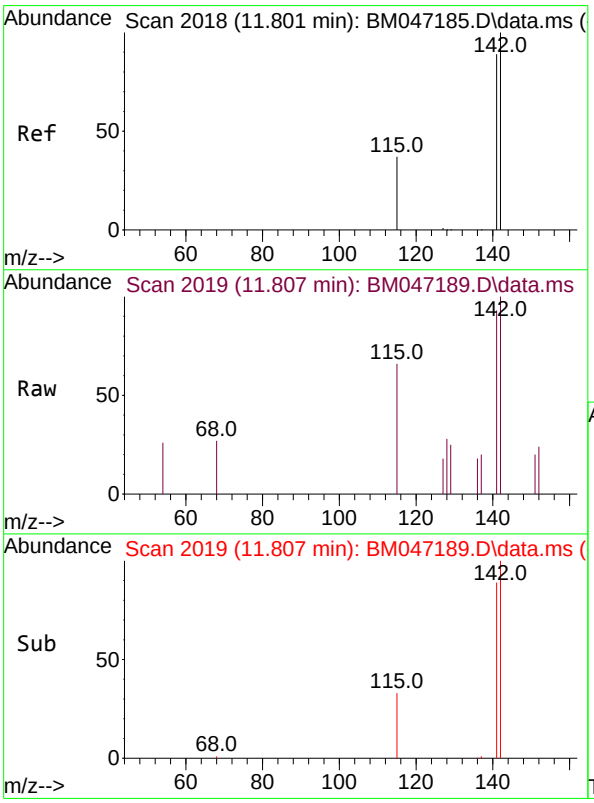
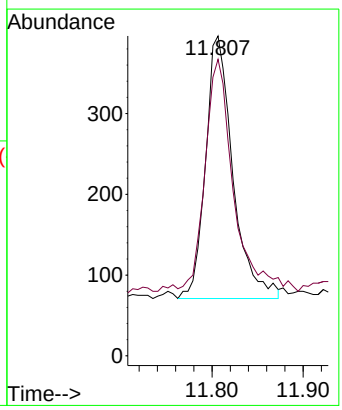


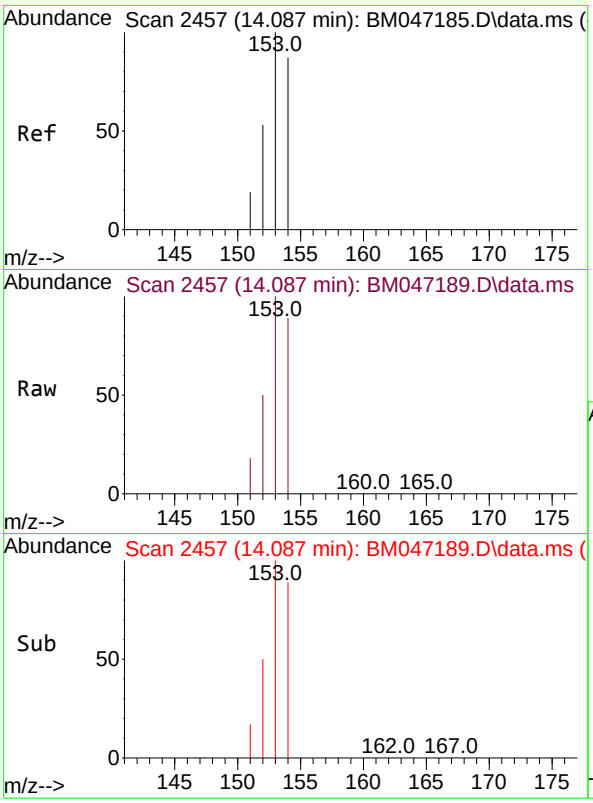


#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 11.807 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BM047189.D
Acq: 14 Aug 2024 13:23

Tgt Ion:142 Resp: 678

Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.0	105.0

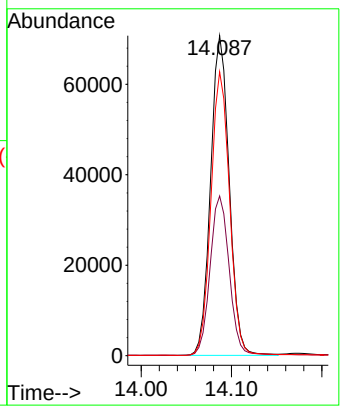




#11
Acenaphthene
Concen: 3.203 ng/ul
RT: 14.087 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM047189.D
Acq: 14 Aug 2024 13:23

Tgt Ion:153 Resp: 10114

Ion	Ratio	Lower	Upper
153	100		
152	49.9	41.6	62.4
154	88.7	71.1	106.7



Instrument :
BNA_M
ClientSampleId :
C0AZ6DL

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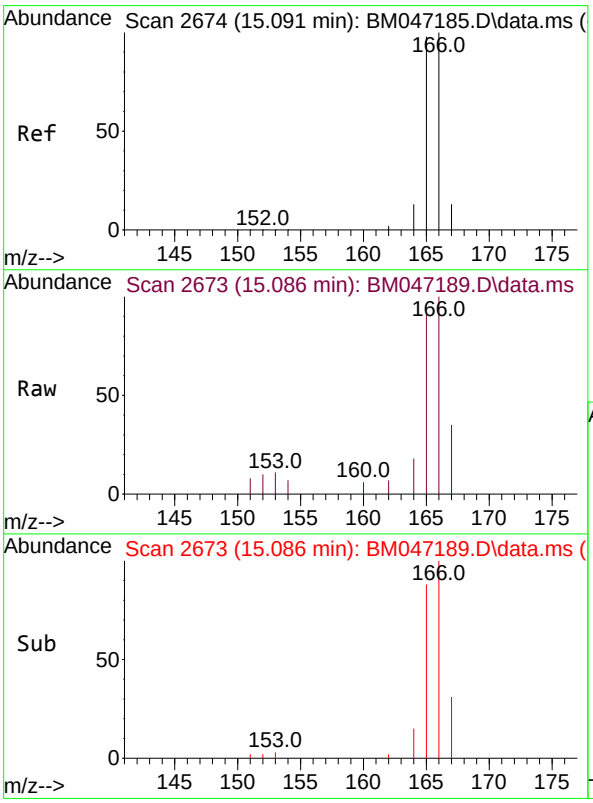
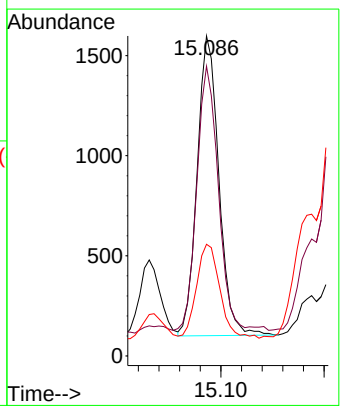
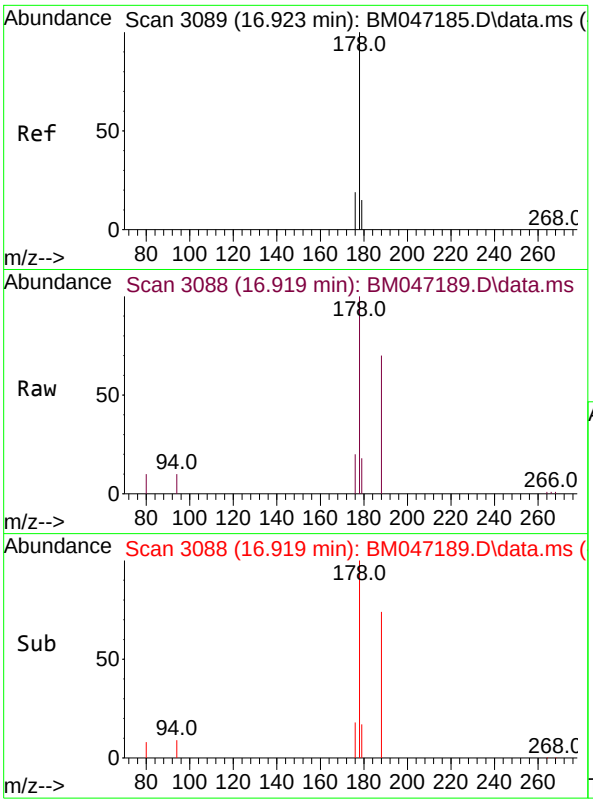


#12
Fluorene
Concen: 0.060 ng/ul
RT: 15.086 min Scan# 2673
Delta R.T. -0.005 min
Lab File: BM047189.D
Acq: 14 Aug 2024 13:23

Tgt Ion:166 Resp: 2190

Ion	Ratio	Lower	Upper
166	100		
165	90.6	78.2	117.2
167	34.9	10.7	16.1#

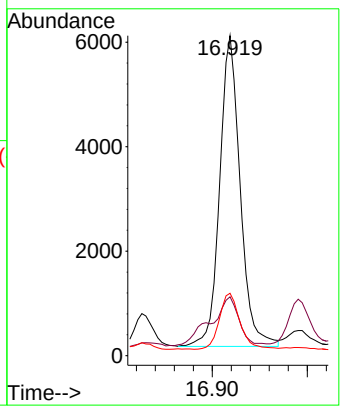




#16
Anthracene
Concen: 0.167 ng/ul
RT: 16.919 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM047189.D
Acq: 14 Aug 2024 13:23

Tgt Ion:178 Resp: 894

Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.7	19.1
176	19.5	15.2	22.8



Instrument :
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ClientSampleId :
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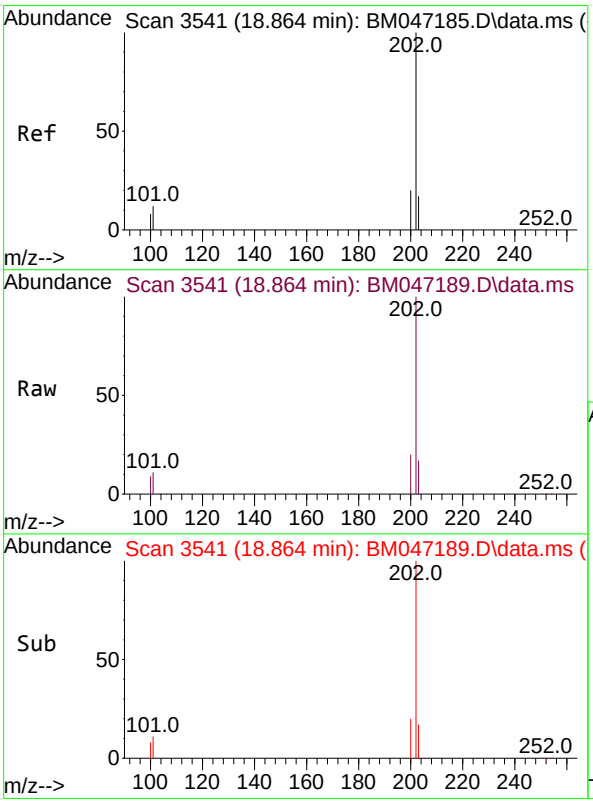
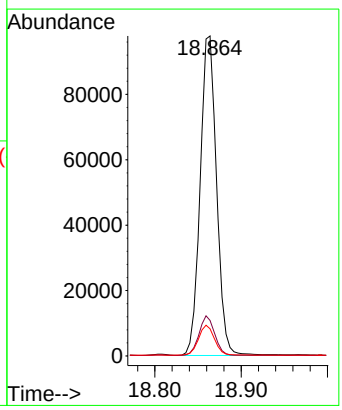
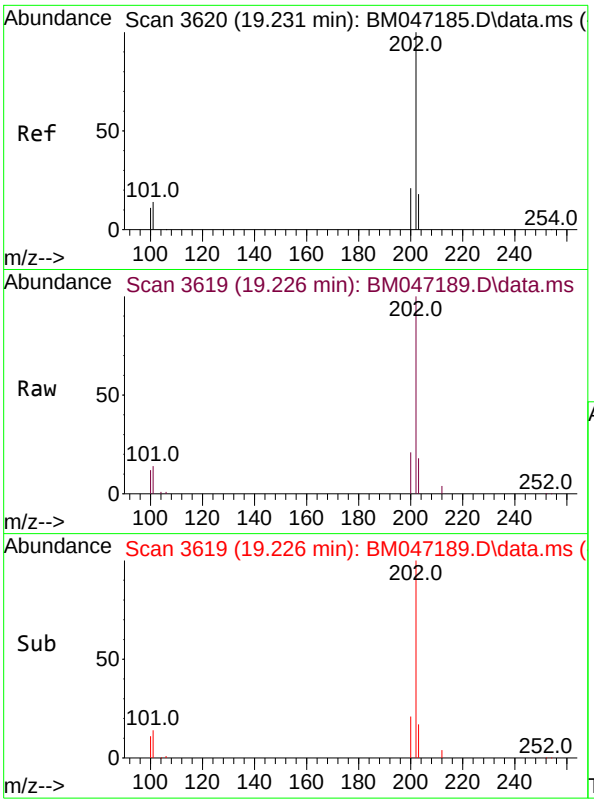


#19
Fluoranthene
Concen: 2.089 ng/ul
RT: 18.864 min Scan# 3541
Delta R.T. 0.000 min
Lab File: BM047189.D
Acq: 14 Aug 2024 13:23

Tgt Ion:202 Resp: 129377

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.2	12.2
100	8.5	6.0	9.0





#20
Pyrene
Concen: 1.228 ng/ul
RT: 19.226 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM047189.D
Acq: 14 Aug 2024 13:23

Tgt Ion:202 Resp: 7956

Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.8	14.8
100	11.5	8.0	12.0

Instrument :
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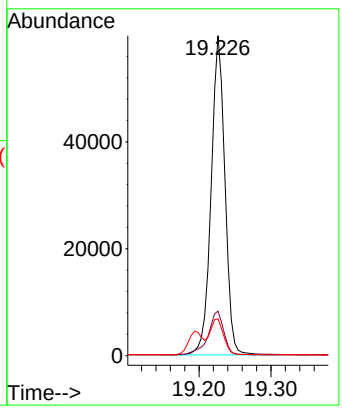
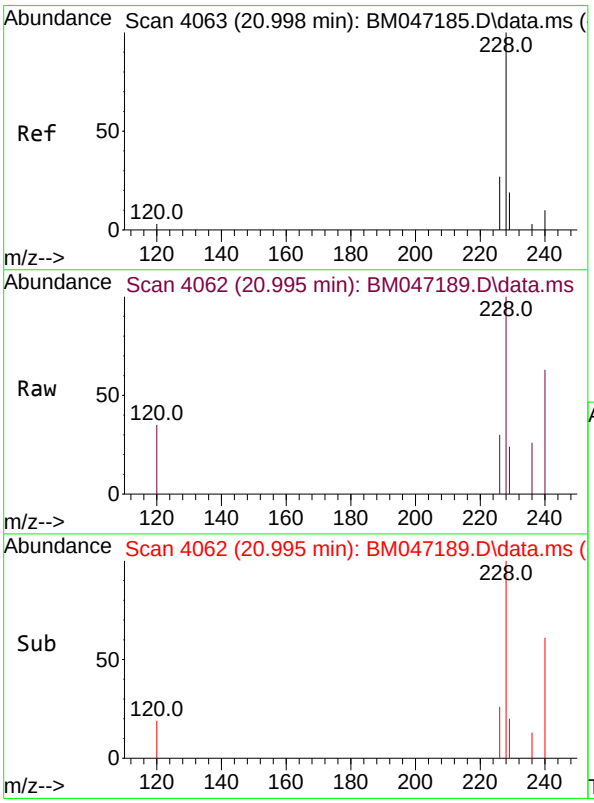
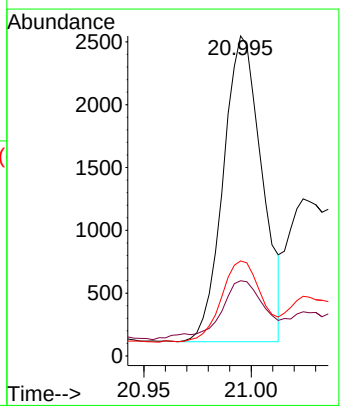


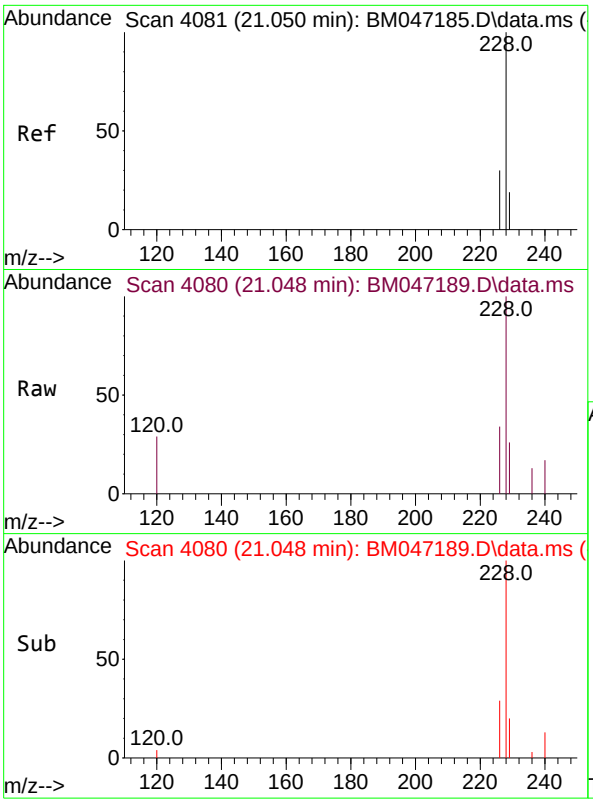


#21
Benzo(a)anthracene
Concen: 0.054 ng/ul
RT: 20.995 min Scan# 4062
Delta R.T. -0.003 min
Lab File: BM047189.D
Acq: 14 Aug 2024 13:23

Tgt Ion:228 Resp: 3053

Ion	Ratio	Lower	Upper
228	100		
229	23.5	15.9	23.9
226	29.7	22.1	33.1

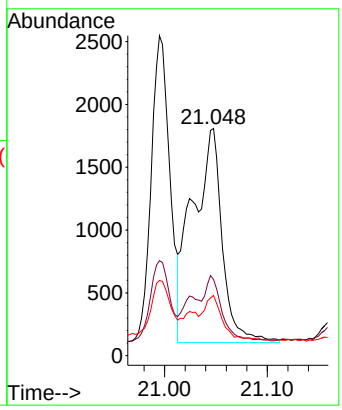




#22
Chrysene
Concen: 0.058 ng/ul m
RT: 21.048 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM047189.D
Acq: 14 Aug 2024 13:23

Tgt Ion:228 Resp: 344

Ion	Ratio	Lower	Upper
228	100		
226	33.6	23.9	35.9
229	26.5	15.7	23.5#



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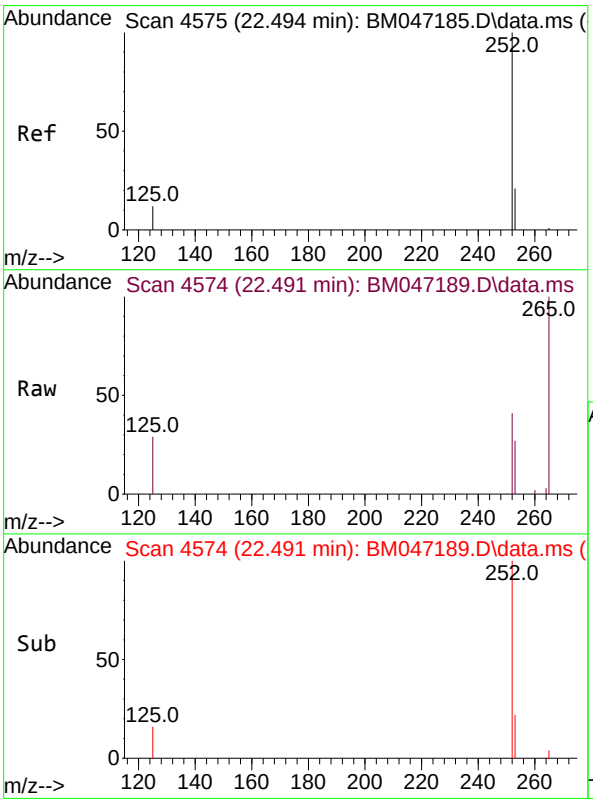

#24
Benzo(b)fluoranthene
Concen: 0.037 ng/ul
RT: 22.491 min Scan# 4574
Delta R.T. -0.006 min
Lab File: BM047189.D
Acq: 14 Aug 2024 13:23

Tgt Ion:252 Resp: 2165

Ion	Ratio	Lower	Upper
252	100		
253	65.3	0.0	53.4#
125	71.6	0.0	32.0#