Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031387.D
Acq On : 02 Aug 2021 22:15
Operator : CG/JU
Sample : M3123-09DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0070DL

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:53 AM

Quant Time: Aug 03 02:06:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	1786	0.40	ng/ul	0.00
4) Naphthalene-d8	10.361	136	6790	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.231	164	3958	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.982	188	7194	0.40	ng/ul	0.00
17) Chrysene-d12	21.171	240	5370	0.40	ng/ul	0.00
23) Perylene-d12	23.331	264	5092	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	392	0.20	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.962	152	180	0.02	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	342	0.02	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.415	128	1232	0.06	ng/ul#	86
7) 2-Methylnaphthalene	12.029	142	5736	0.42	ng/ul	100
8) 1-Methylnaphthalene	12.254	142	3053	0.22	ng/ul	100
12) Fluorene	15.285	166	442	0.03	ng/ul#	57
15) Phenanthrene	17.020	178	9145	0.40	ng/ul	99
19) Fluoranthene	19.047	202	1640	0.07	ng/ul#	82
20) Pyrene	19.405	202	1512	0.07	ng/ul#	80
21) Benzo(a)anthracene	21.156	228	492	0.02	ng/ul#	1
22) Chrysene	21.207	228	4024	0.18	ng/ul#	89
24) Benzo(b)fluoranthene	22.691	252	1436m	0.06	ng/ul	

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

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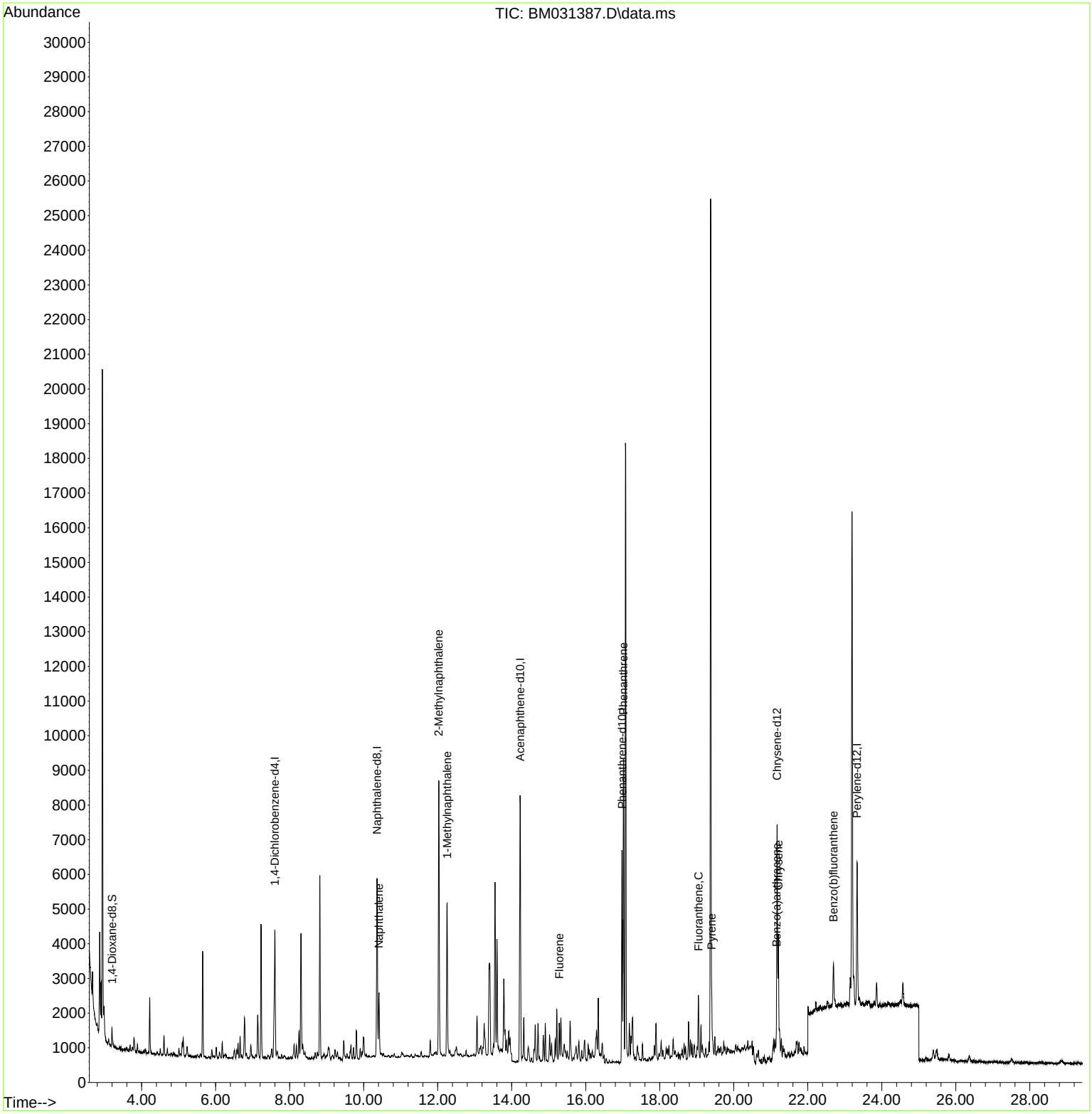
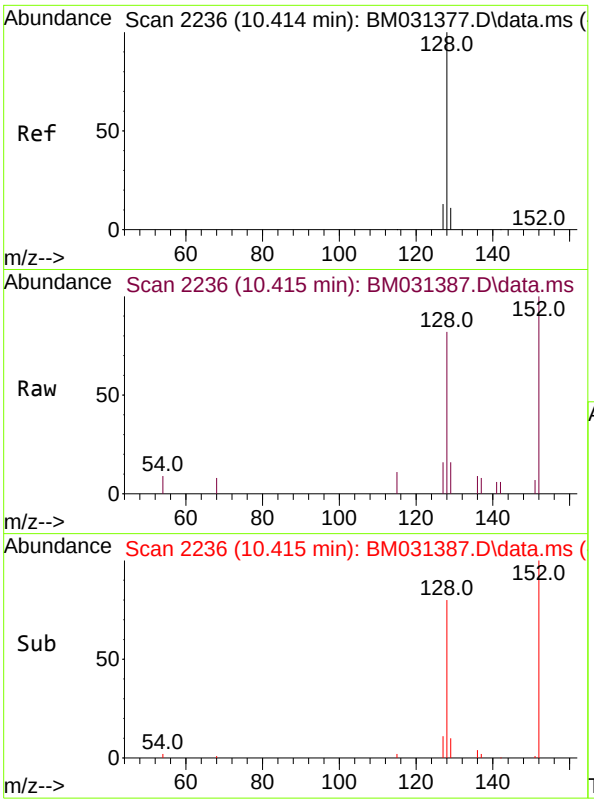
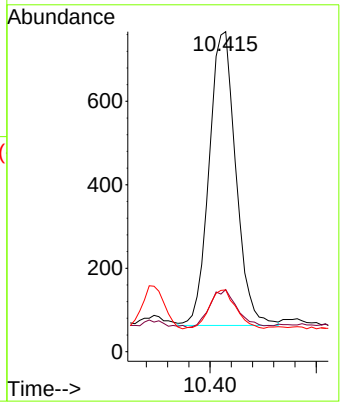




#5
Naphthalene
Concen: 0.06 ng/ul
RT: 10.415 min Scan# 2236
Delta R.T. 0.005 min
Lab File: BM031387.D
Acq: 02 Aug 2021 22:15

Tgt Ion:128 Resp: 1232

Ion	Ratio	Lower	Upper
128	100		
129	19.4	10.0	15.0#
127	19.3	11.6	17.4#



Instrument :
BNA_M
ClientSampleId :
C0070DL

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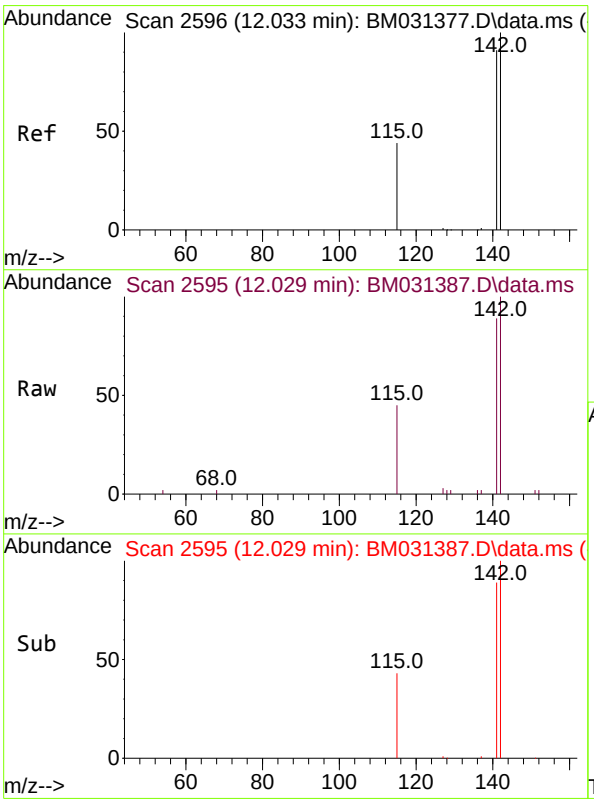
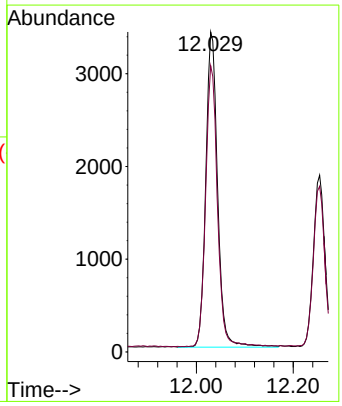
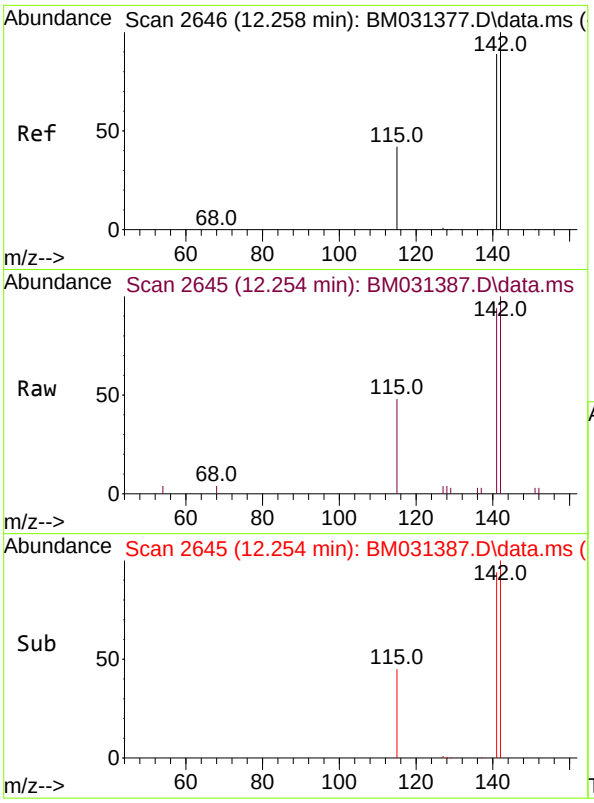


#7
2-Methylnaphthalene
Concen: 0.42 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BM031387.D
Acq: 02 Aug 2021 22:15

Tgt Ion:142 Resp: 5736

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.0

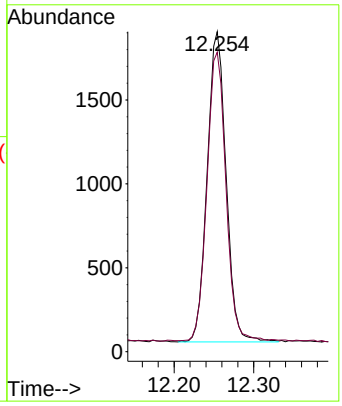




#8
1-Methylnaphthalene
Concen: 0.22 ng/ul
RT: 12.254 min Scan# 2645
Delta R.T. 0.000 min
Lab File: BM031387.D
Acq: 02 Aug 2021 22:15

Tgt Ion:142 Resp: 3053

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.1	111.1



Instrument :
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ClientSampleId :
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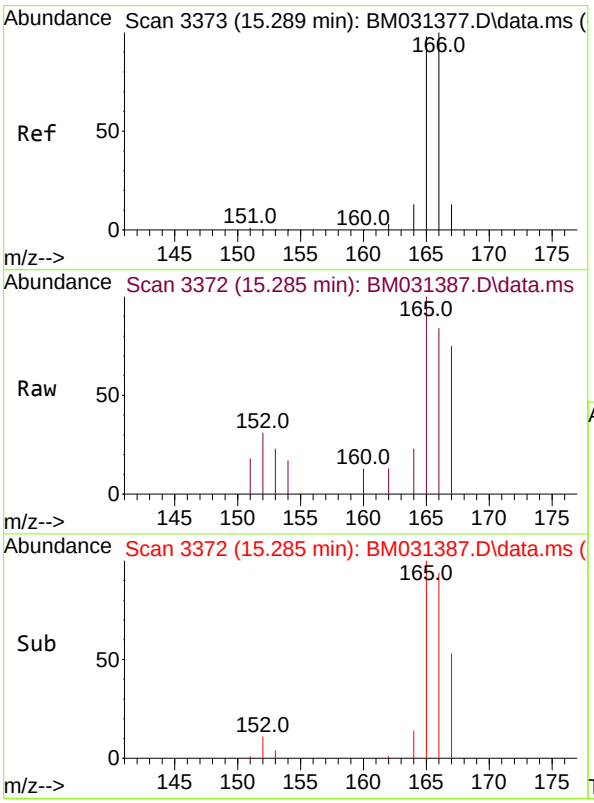
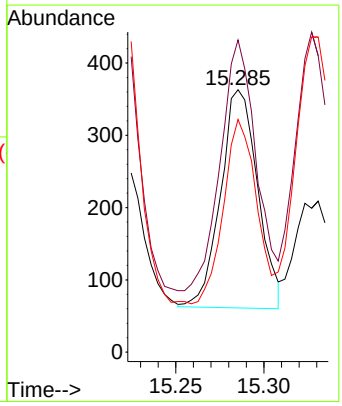
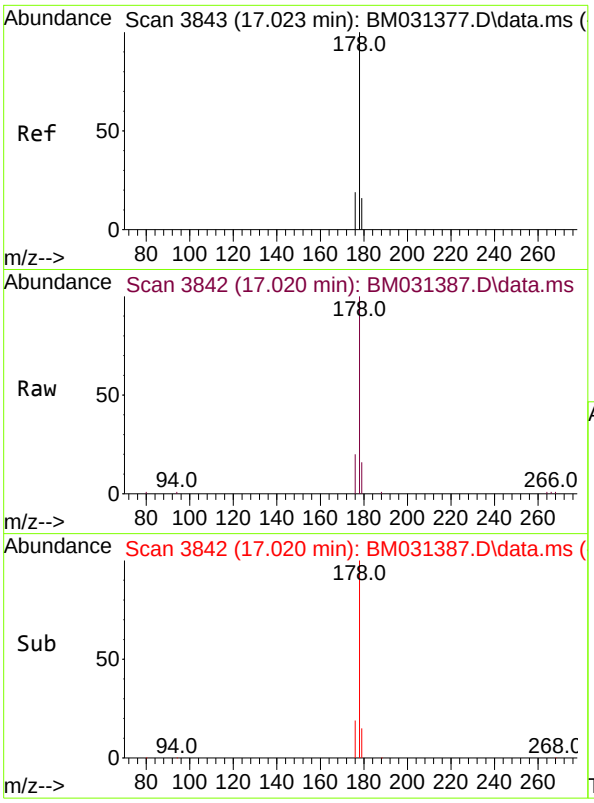


#12
Fluorene
Concen: 0.03 ng/ul
RT: 15.285 min Scan# 3372
Delta R.T. 0.000 min
Lab File: BM031387.D
Acq: 02 Aug 2021 22:15

Tgt Ion:166 Resp: 442

Ion	Ratio	Lower	Upper
166	100		
165	119.0	78.0	117.0#
167	88.7	12.0	18.0#

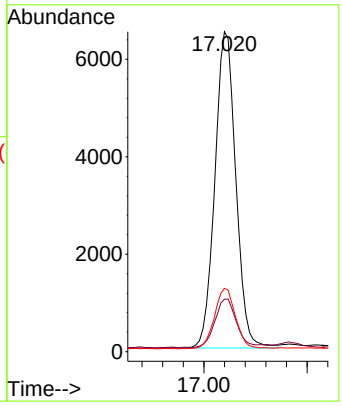




#15
Phenanthrene
Concen: 0.40 ng/ul
RT: 17.020 min Scan# 3842
Delta R.T. -0.003 min
Lab File: BM031387.D
Acq: 02 Aug 2021 22:15

Tgt Ion:178 Resp: 9145

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.3	19.9
176	19.8	16.2	24.4



Instrument :
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ClientSampleId :
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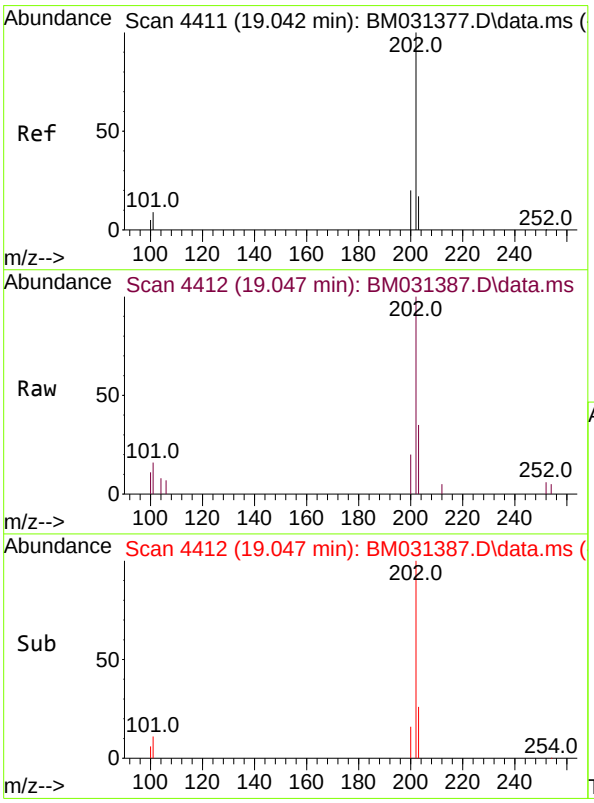
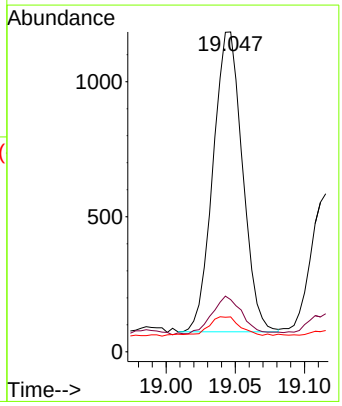
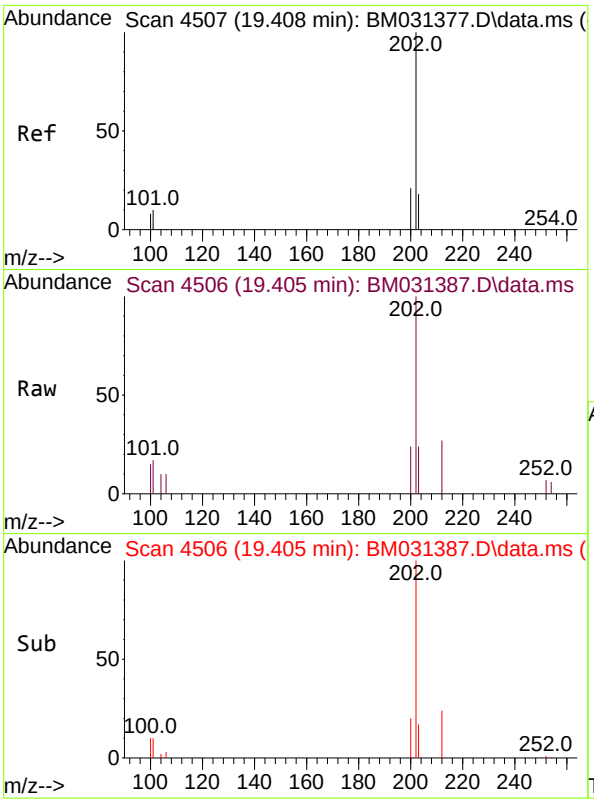


#19
Fluoranthene
Concen: 0.07 ng/ul
RT: 19.047 min Scan# 4412
Delta R.T. 0.004 min
Lab File: BM031387.D
Acq: 02 Aug 2021 22:15

Tgt Ion:202 Resp: 1640

Ion	Ratio	Lower	Upper
202	100		
101	16.3	6.6	10.0#
100	10.9	5.4	8.0#

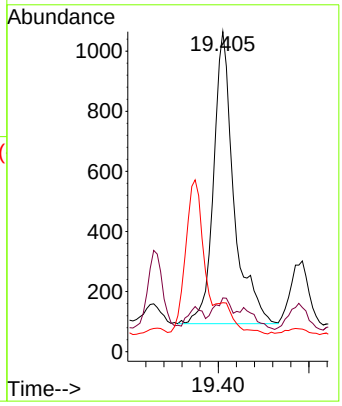


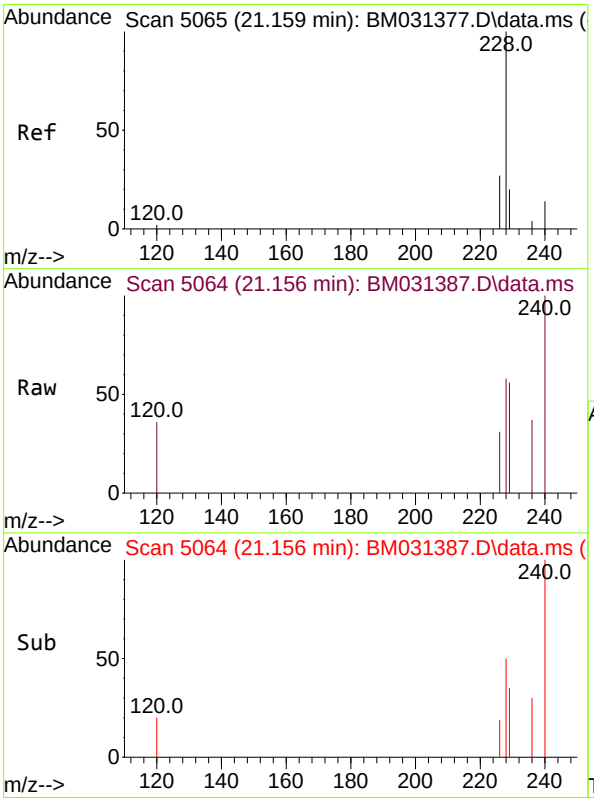


#20
Pyrene
Concen: 0.07 ng/ul
RT: 19.405 min Scan# 4506
Delta R.T. -0.004 min
Lab File: BM031387.D
Acq: 02 Aug 2021 22:15

Tgt Ion:202 Resp: 1512

Ion	Ratio	Lower	Upper
202	100		
101	16.8	7.8	11.6#
100	15.3	6.6	10.0#

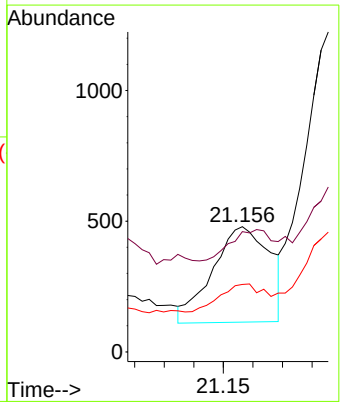




#21
Benzo(a)anthracene
Concen: 0.02 ng/ul
RT: 21.156 min Scan# 5064
Delta R.T. -0.002 min
Lab File: BM031387.D
Acq: 02 Aug 2021 22:15

Tgt Ion:228 Resp: 492

Ion	Ratio	Lower	Upper
228	100		
229	96.0	15.6	23.4#
226	53.9	21.7	32.5#



Instrument :
BNA_M
ClientSampleId :
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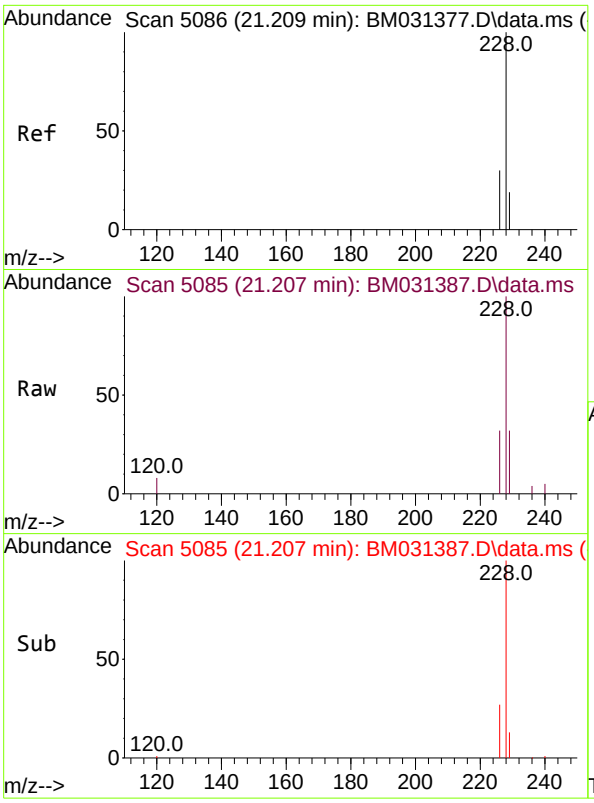
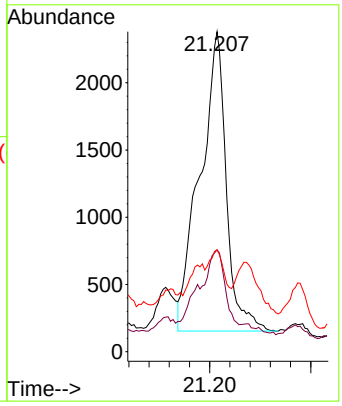


#22
Chrysene
Concen: 0.18 ng/ul
RT: 21.207 min Scan# 5085
Delta R.T. -0.002 min
Lab File: BM031387.D
Acq: 02 Aug 2021 22:15

Tgt Ion:228 Resp: 4024

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.7	37.1
229	31.8	16.2	24.2#



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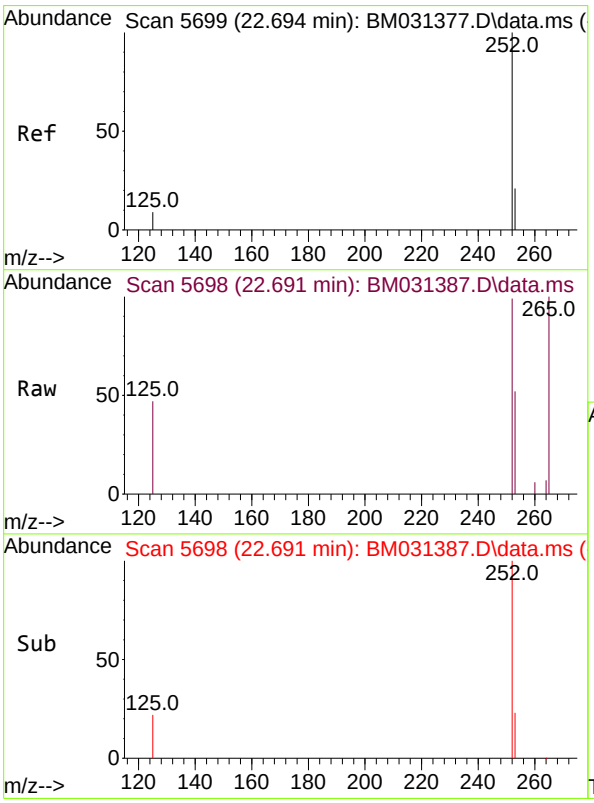

#24
Benzo(b)fluoranthene
Concen: 0.06 ng/ul m
RT: 22.691 min Scan# 5698
Delta R.T. 0.000 min
Lab File: BM031387.D
Acq: 02 Aug 2021 22:15

Tgt Ion:252 Resp: 1436

Ion	Ratio	Lower	Upper
252	100		
253	52.1	0.0	53.0
125	47.2	0.0	22.8#