Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012622\
Data File : BM033886.D
Acq On : 27 Jan 2022 01:06
Operator : CG/JU
Sample : N1230-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 27 02:13:14 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

Instrument :
BNA_M
ClientSampleId :
C0Q30

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/27/2022
Supervised By :mohammad ahmed 01/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	1843	0.400	ng/ul	0.00
4) Naphthalene-d8	10.747	136	6660	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	4248	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.309	188	8091	0.400	ng/ul	-0.01
17) Chrysene-d12	21.470	240	6576	0.400	ng/ul	#-0.01
23) Perylene-d12	23.863	264	6801	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	8770	4.552	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.339	152	3389	0.369	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	8932	0.441	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.801	128	2570	0.140	ng/ul#	65
8) 1-Methylnaphthalene	12.627	142	4123	0.353	ng/ul	99
11) Acenaphthene	14.637	153	1528	0.101	ng/ul	95
12) Fluorene	15.619	166	17681	1.020	ng/ul	97
14) Pentachlorophenol	16.962	266	135186	36.364	ng/ul	97
15) Phenanthrene	17.351	178	3132m	0.122	ng/ul	
16) Anthracene	17.441	178	4917	0.204	ng/ul	98
19) Fluoranthene	19.357	202	2914	0.097	ng/ul#	85
20) Pyrene	19.719	202	4049	0.132	ng/ul#	82

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

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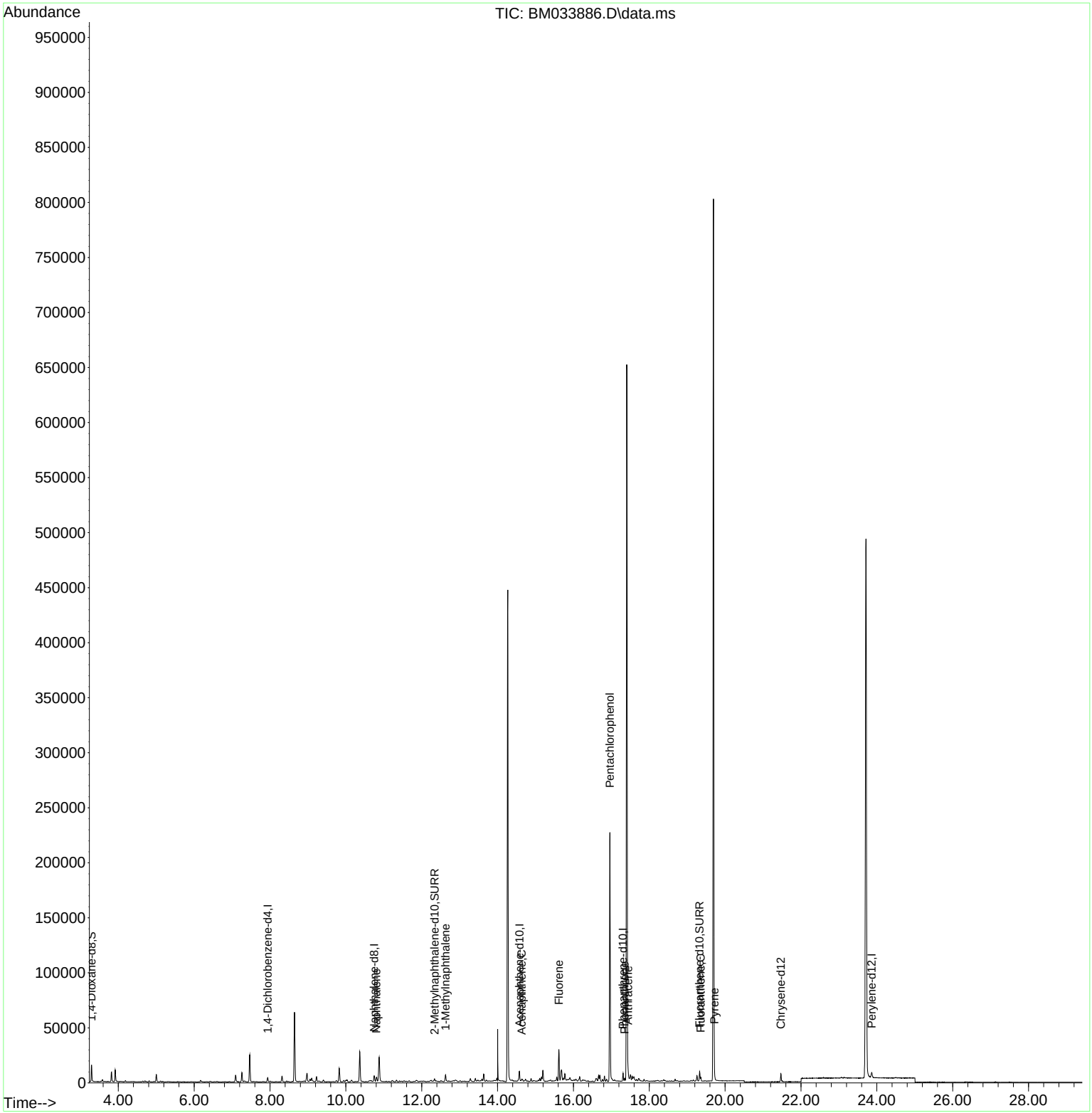
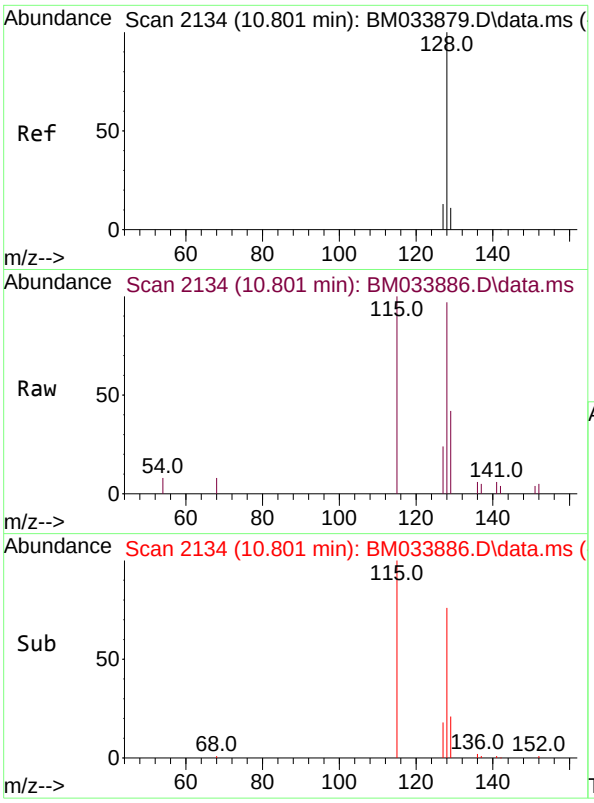
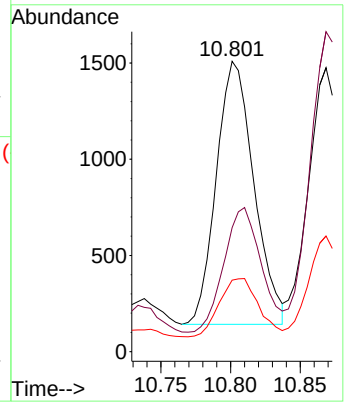




#5
Naphthalene
Concen: 0.140 ng/ul
RT: 10.801 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM033886.D
Acq: 27 Jan 2022 01:06

Tgt Ion:128 Resp: 257

Ion	Ratio	Lower	Upper
128	100		
129	42.7	13.4	20.2#
127	24.7	15.2	22.8#



Instrument :
BNA_M
ClientSampleId :
C0Q30

Manual Integrations
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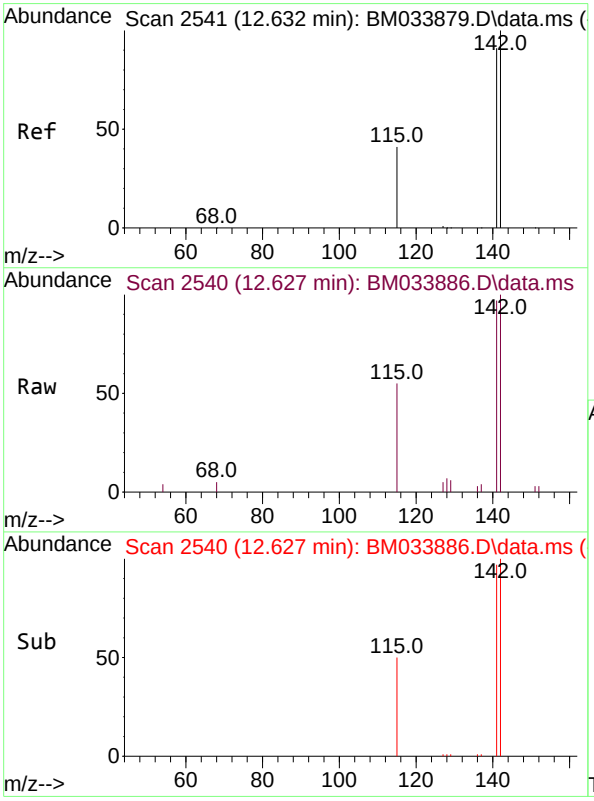
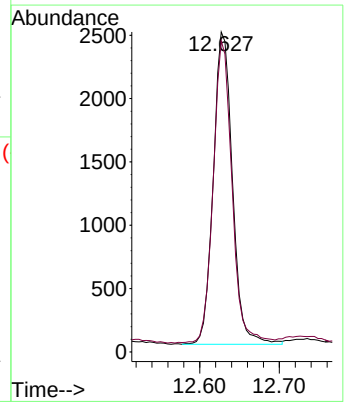
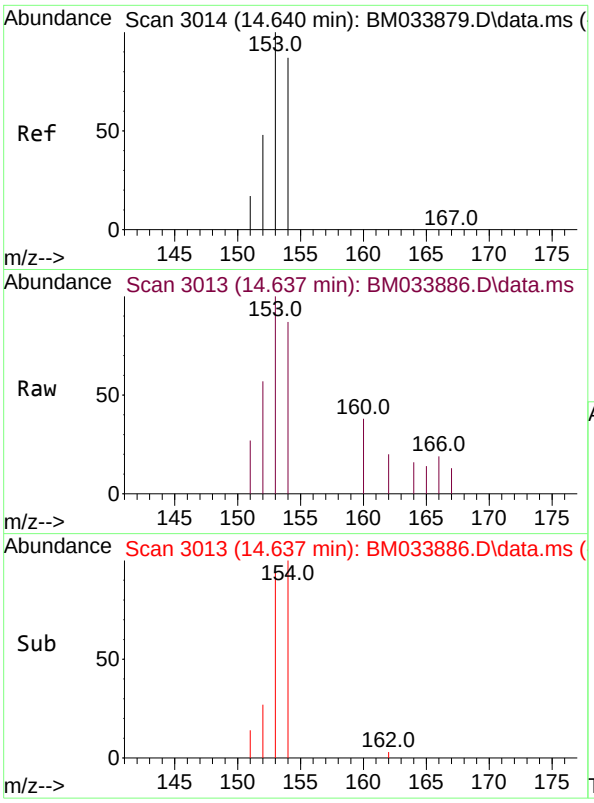


#8
1-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.627 min Scan# 2540
Delta R.T. -0.009 min
Lab File: BM033886.D
Acq: 27 Jan 2022 01:06

Tgt Ion:142 Resp: 4123

Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.0	112.4

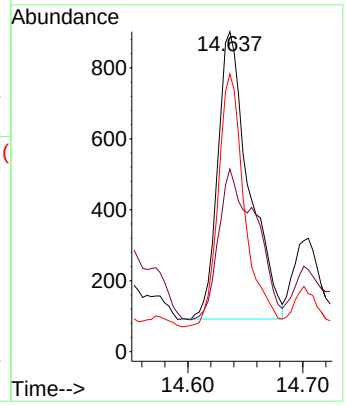




#11
Acenaphthene
Concen: 0.101 ng/ul
RT: 14.637 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM033886.D
Acq: 27 Jan 2022 01:06

Tgt Ion:153 Resp: 152

Ion	Ratio	Lower	Upper
153	100		
152	57.1	42.4	63.6
154	86.8	66.2	99.2



Instrument :
BNA_M
ClientSampleId :
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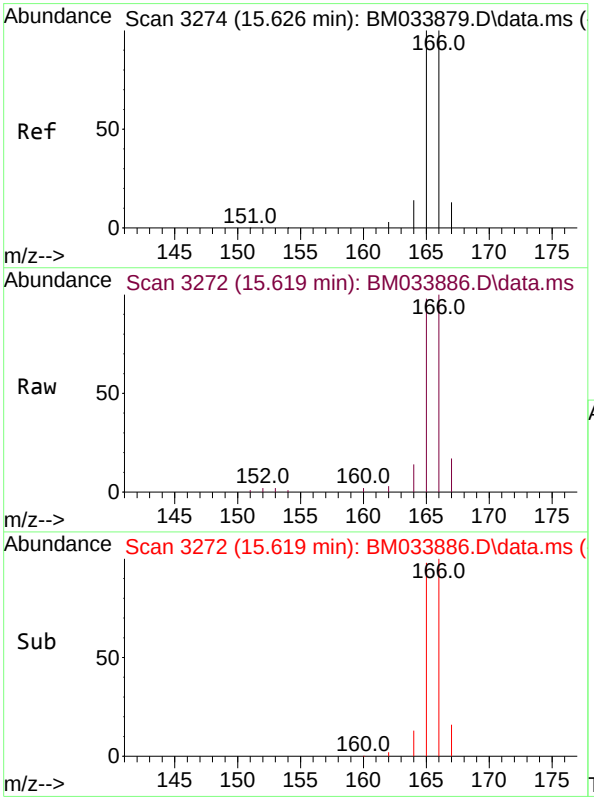
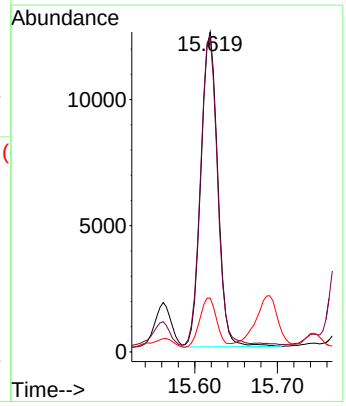
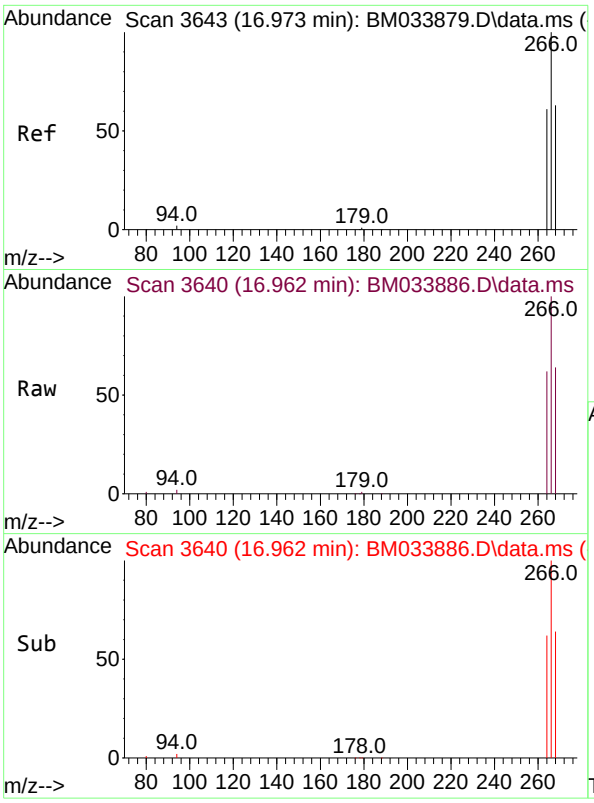


#12
Fluorene
Concen: 1.020 ng/ul
RT: 15.619 min Scan# 3272
Delta R.T. -0.008 min
Lab File: BM033886.D
Acq: 27 Jan 2022 01:06

Tgt Ion:166 Resp: 17681

Ion	Ratio	Lower	Upper
166	100		
165	98.3	81.1	121.7
167	16.9	14.9	22.3

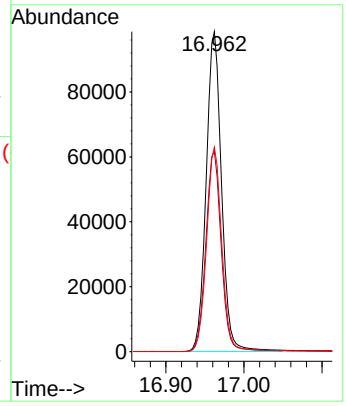




#14
Pentachlorophenol
Concen: 36.364 ng/ul
RT: 16.962 min Scan# 3
Delta R.T. -0.010 min
Lab File: BM033886.D
Acq: 27 Jan 2022 01:06

Tgt Ion:266 Resp: 13518

Ion	Ratio	Lower	Upper
266	100		
264	62.9	51.4	77.0
268	63.6	53.1	79.7



Instrument :
BNA_M
ClientSampleId :
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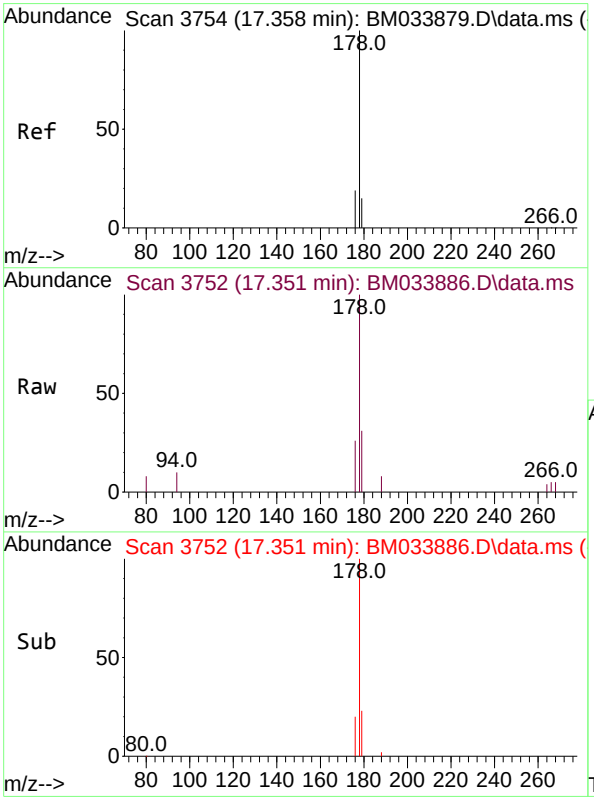
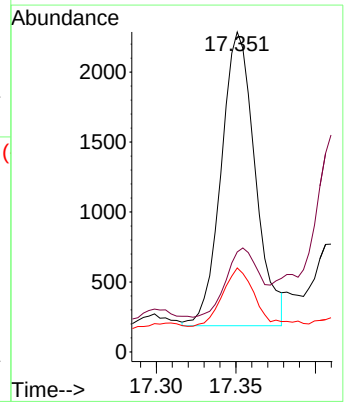
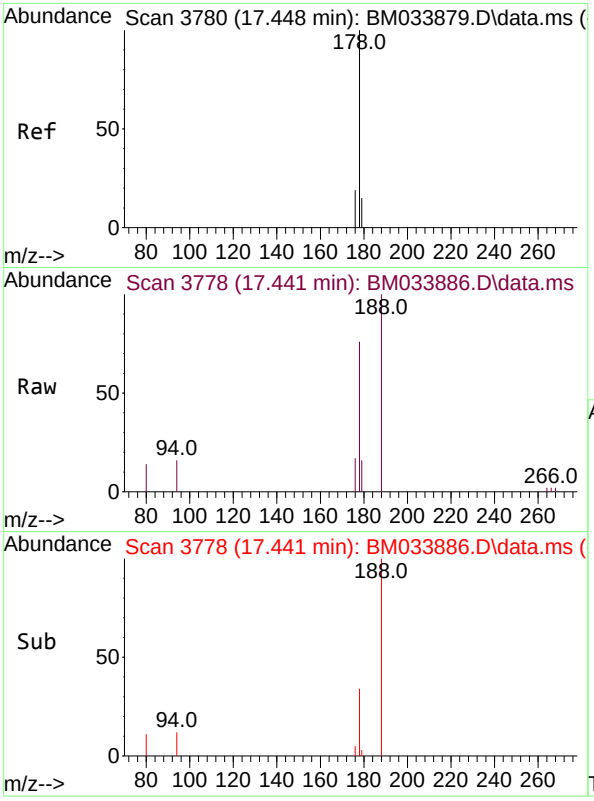


#15
Phenanthrene
Concen: 0.122 ng/ul m
RT: 17.351 min Scan# 3752
Delta R.T. -0.007 min
Lab File: BM033886.D
Acq: 27 Jan 2022 01:06

Tgt Ion:178 Resp: 3132

Ion	Ratio	Lower	Upper
178	100		
179	31.3	15.0	22.6#
176	26.2	17.9	26.9





#16
Anthracene
Concen: 0.204 ng/ul
RT: 17.441 min Scan# 3
Delta R.T. -0.010 min
Lab File: BM033886.D
Acq: 27 Jan 2022 01:06

Tgt Ion:178 Resp: 491

Ion	Ratio	Lower	Upper
178	100		
179	21.1	16.5	24.7
176	21.8	18.3	27.5

Instrument :
BNA_M
ClientSampleId :
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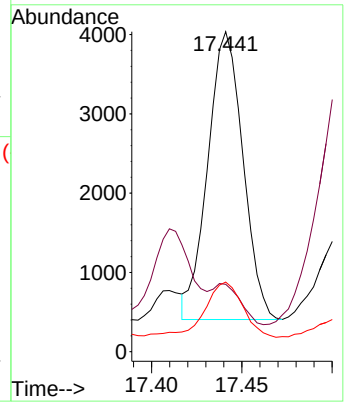
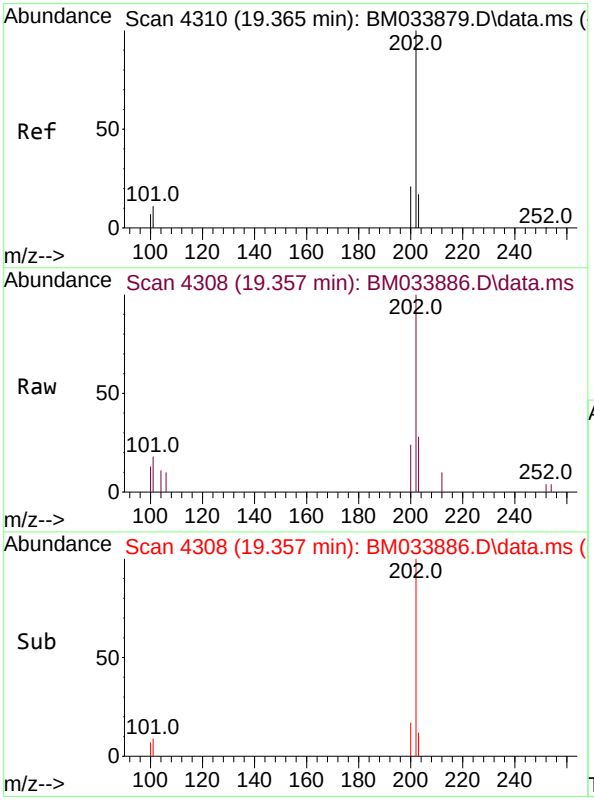
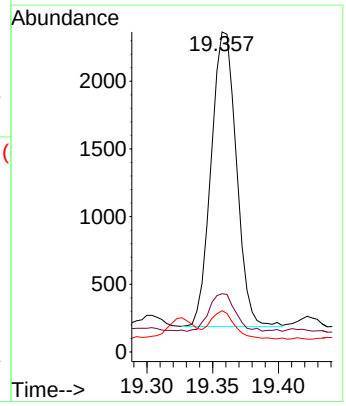


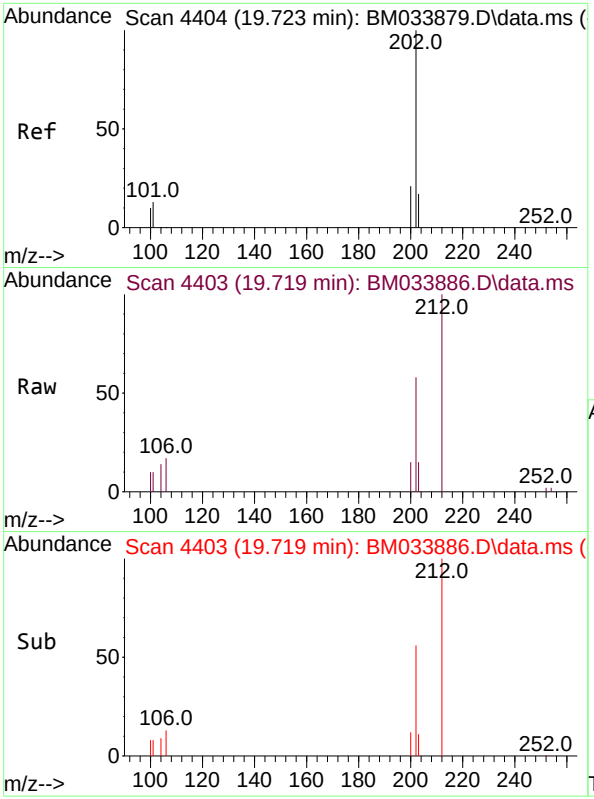


#19
Fluoranthene
Concen: 0.097 ng/ul
RT: 19.357 min Scan# 4308
Delta R.T. -0.011 min
Lab File: BM033886.D
Acq: 27 Jan 2022 01:06

Tgt Ion:202 Resp: 2914

Ion	Ratio	Lower	Upper
202	100		
101	18.2	9.2	13.8#
100	12.9	7.2	10.8#

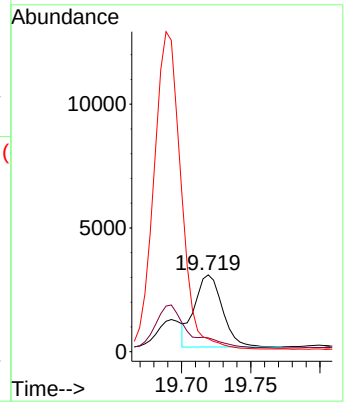




#20
Pyrene
Concen: 0.132 ng/ul
RT: 19.719 min Scan# 4
Delta R.T. -0.008 min
Lab File: BM033886.D
Acq: 27 Jan 2022 01:06

Tgt Ion:202 Resp: 404

Ion	Ratio	Lower	Upper
202	100		
101	17.9	9.3	13.9#
100	17.0	7.8	11.6#



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ClientSampleId :
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