Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
Data File : BM032079.D
Acq On : 04 Sep 2021 16:01
Operator : CG/JU
Sample : M3486-14
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B05

Manual Integrations APPROVED
mohammad
9/7/2021 11:38:58 AM

Quant Time: Sep 06 02:34:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.452	152	2012	0.400 ng/ul	0.00
4) Naphthalene-d8	10.203	136	7025	0.400 ng/ul	-0.02
9) Acenaphthene-d10	14.095	164	3464	0.400 ng/ul	# 0.00
13) Phenanthrene-d10	16.851	188	6769	0.400 ng/ul	-0.01
17) Chrysene-d12	21.062	240	5785	0.400 ng/ul	-0.01
23) Perylene-d12	23.173	264	6621	0.400 ng/ul	#-0.02
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.061	96	5594	2.531 ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.809	152	1526	0.140 ng/ul	-0.01
18) Fluoranthene-d10	18.892	212	2903	0.171 ng/ul	-0.01
Target Compounds					Qvalue
5) Naphthalene	10.253	128	2439	0.131 ng/ul	98
7) 2-Methylnaphthalene	11.885	142	1579	0.121 ng/ul	97
8) 1-Methylnaphthalene	12.106	142	1300	0.102 ng/ul	100
10) Acenaphthylene	13.815	152	834	0.060 ng/ul#	84
15) Phenanthrene	16.893	178	4282	0.208 ng/ul	98
16) Anthracene	16.987	178	707	0.039 ng/ul#	78
19) Fluoranthene	18.923	202	7760	0.310 ng/ul	96
20) Pyrene	19.285	202	7437	0.289 ng/ul#	93
21) Benzo(a)anthracene	21.047	228	3950	0.187 ng/ul	95
22) Chrysene	21.098	228	4266	0.176 ng/ul	95
24) Benzo(b)fluoranthene	22.553	252	6690m	0.220 ng/ul	
25) Benzo(k)fluoranthene	22.589	252	2027m	0.065 ng/ul	
26) Benzo(a)pyrene	23.081	252	4168	0.157 ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.245	276	3690	0.102 ng/ul#	93
28) Dibenzo(a,h)anthracene	25.250	278	1054	0.036 ng/ul#	29
29) Benzo(g,h,i)perylene	25.877	276	3285	0.102 ng/ul#	85

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

Quantitation Report (QT Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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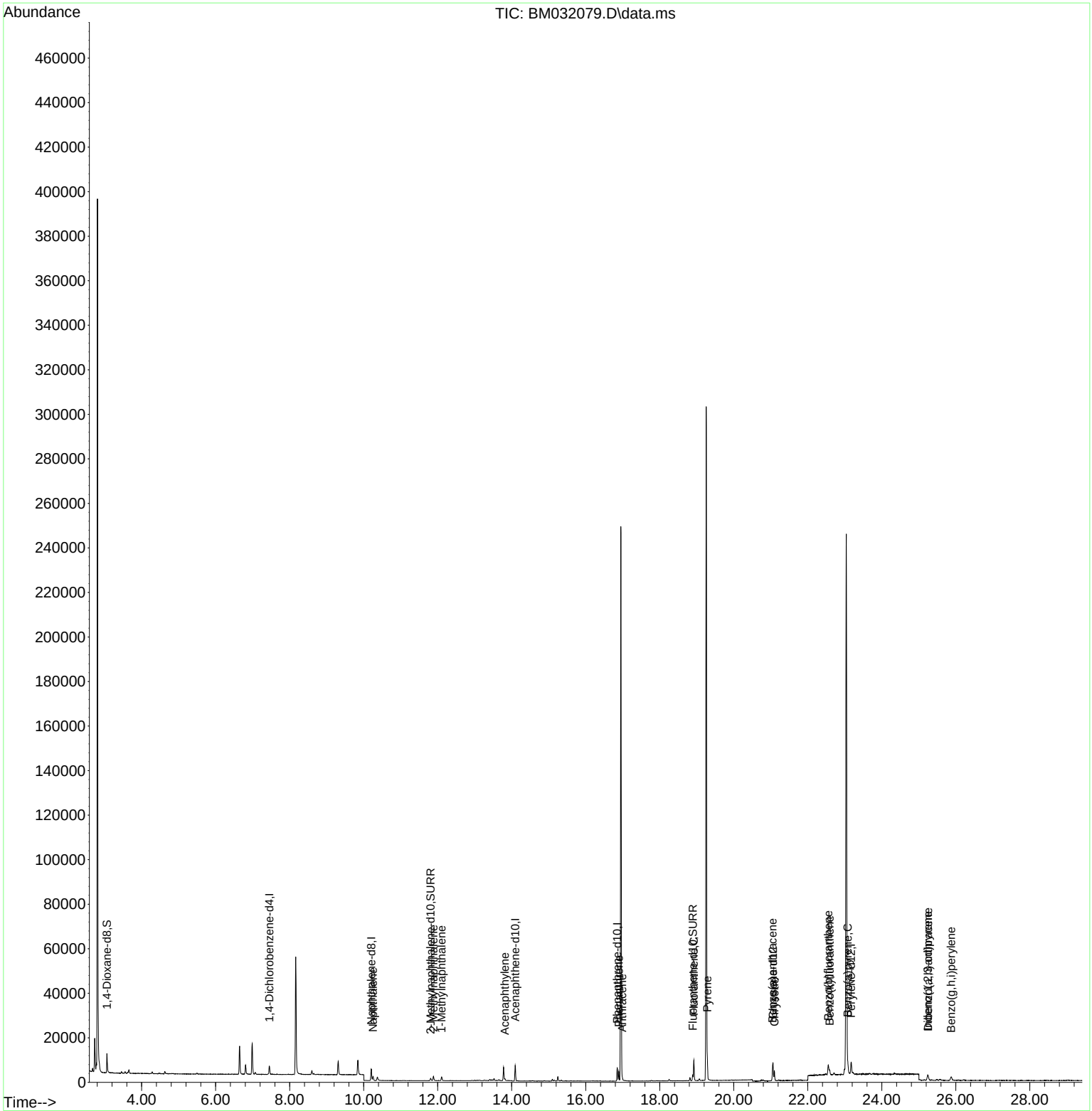
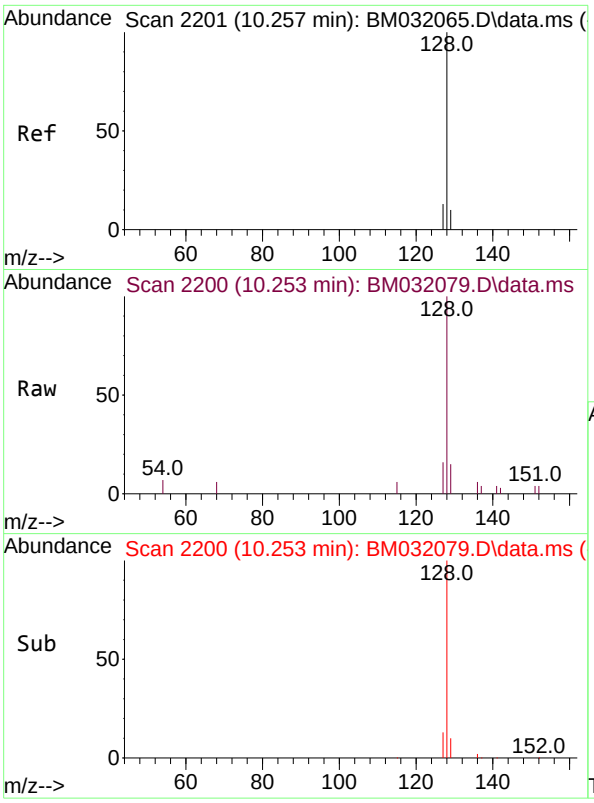
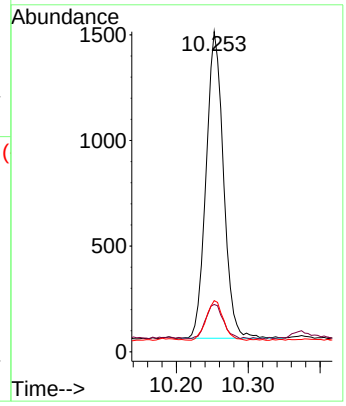




#5
Naphthalene
Concen: 0.131 ng/ul
RT: 10.253 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BM032079.D
Acq: 04 Sep 2021 16:01

Tgt Ion:128 Resp: 2439

Ion	Ratio	Lower	Upper
128	100		
129	14.8	10.9	16.3
127	16.0	12.4	18.6



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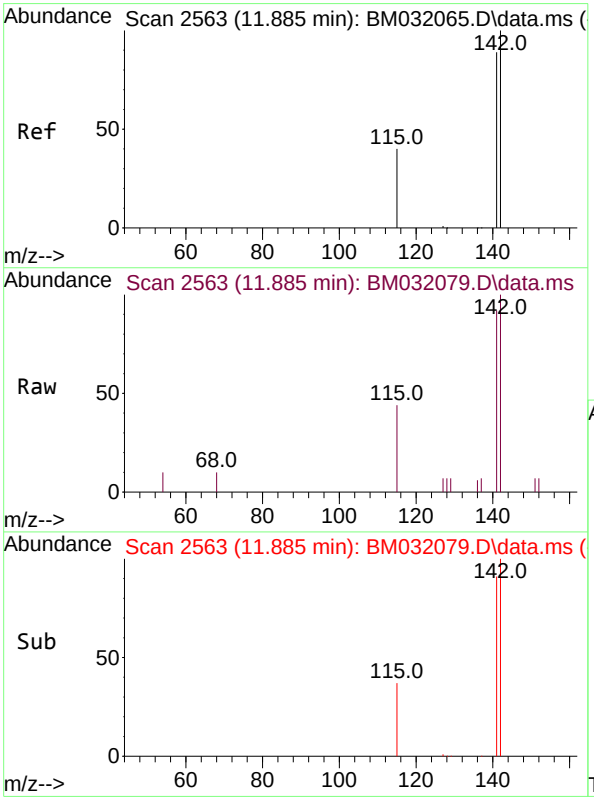
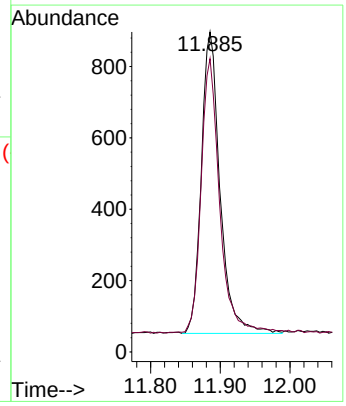
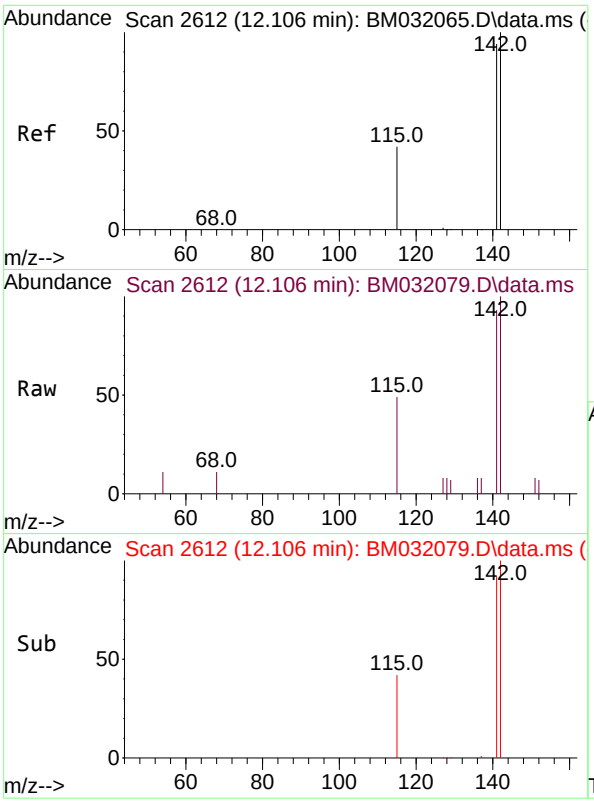


#7
2-Methylnaphthalene
Concen: 0.121 ng/ul
RT: 11.885 min Scan# 2563
Delta R.T. -0.013 min
Lab File: BM032079.D
Acq: 04 Sep 2021 16:01

Tgt Ion:142 Resp: 1579

Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.3	105.5

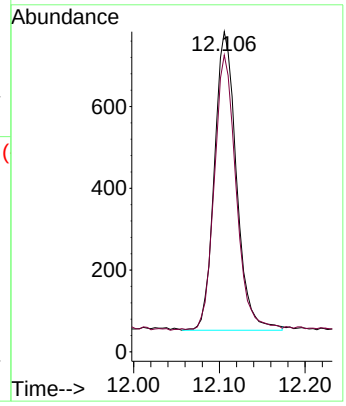




#8
1-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.106 min Scan# 2612
Delta R.T. -0.009 min
Lab File: BM032079.D
Acq: 04 Sep 2021 16:01

Tgt Ion:142 Resp: 1300

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.2	108.2



Instrument :
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ClientSampleId :
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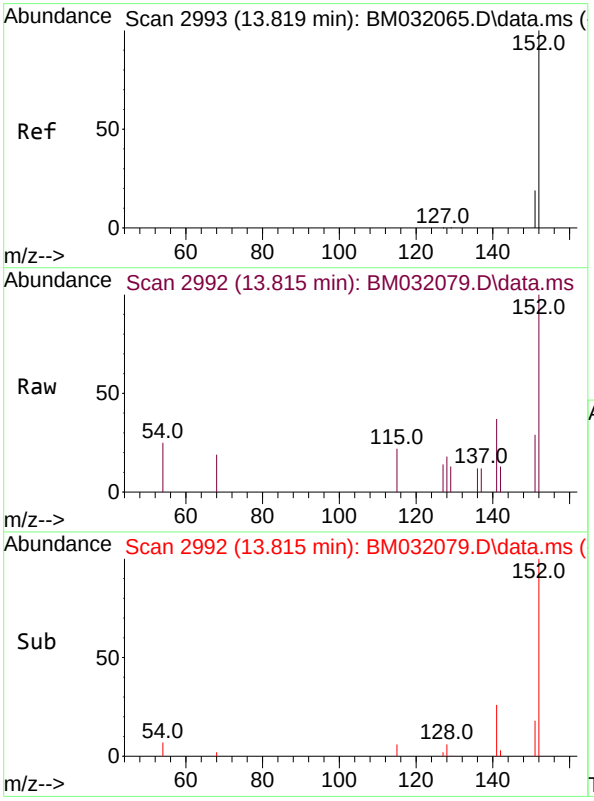
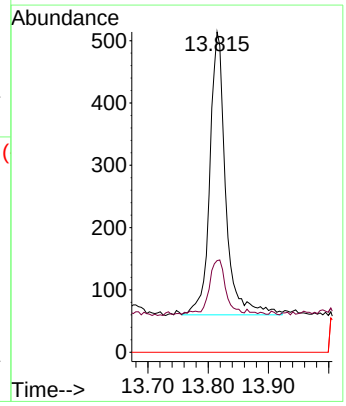
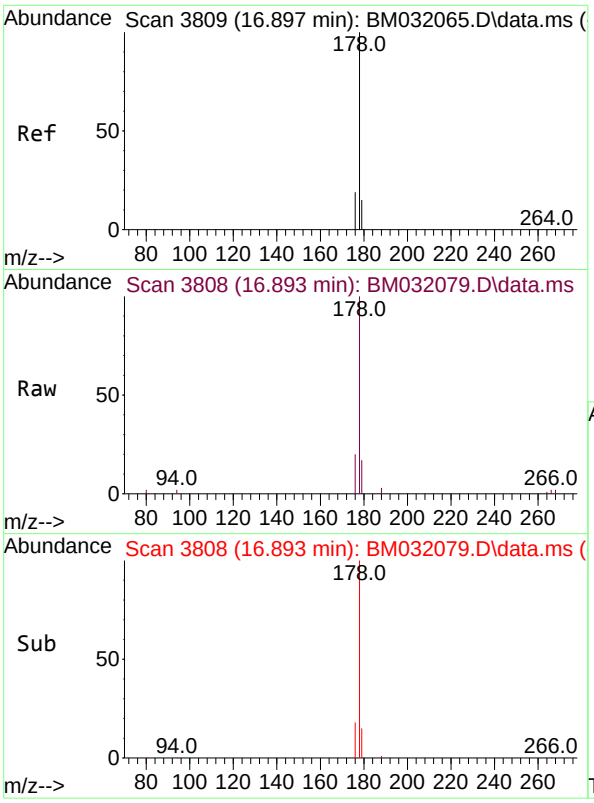


#10
Acenaphthylene
Concen: 0.060 ng/ul
RT: 13.815 min Scan# 2992
Delta R.T. -0.009 min
Lab File: BM032079.D
Acq: 04 Sep 2021 16:01

Tgt Ion:152 Resp: 834

Ion	Ratio	Lower	Upper
152	100		
151	28.6	17.0	25.4#
153	0.0	0.0	0.0

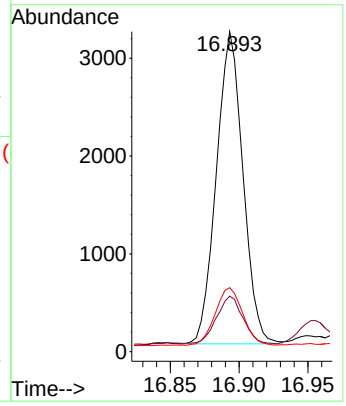


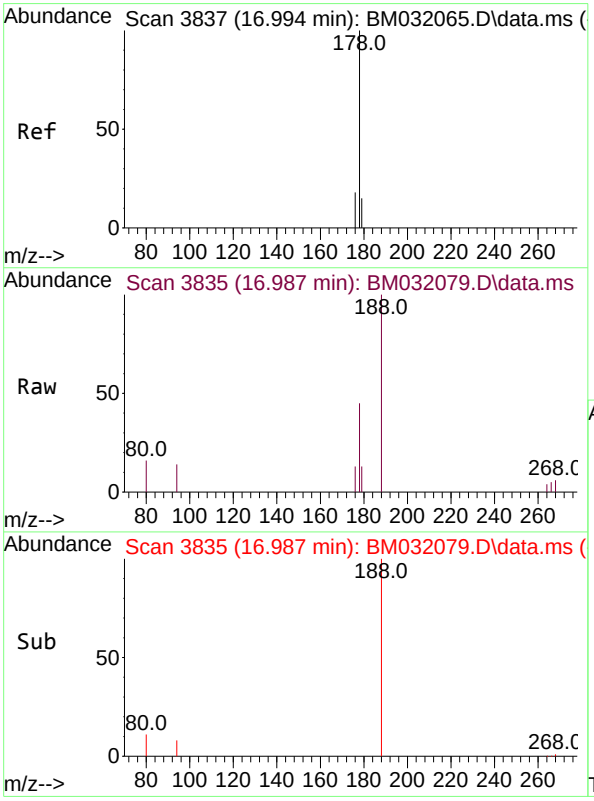


#15
Phenanthrene
Concen: 0.208 ng/ul
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032079.D
Acq: 04 Sep 2021 16:01

Tgt Ion:178 Resp: 4282

Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.3	19.9
176	20.0	16.7	25.1

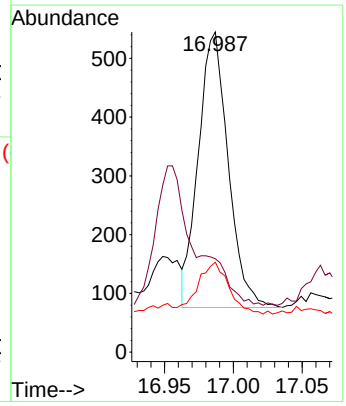




#16
Anthracene
Concen: 0.039 ng/ul
RT: 16.987 min Scan# 3835
Delta R.T. -0.021 min
Lab File: BM032079.D
Acq: 04 Sep 2021 16:01

Tgt Ion:178 Resp: 707

Ion	Ratio	Lower	Upper
178	100		
179	29.2	14.3	21.5#
176	28.1	15.8	23.8#



Instrument :
BNA_M
ClientSampleId :
C0B05

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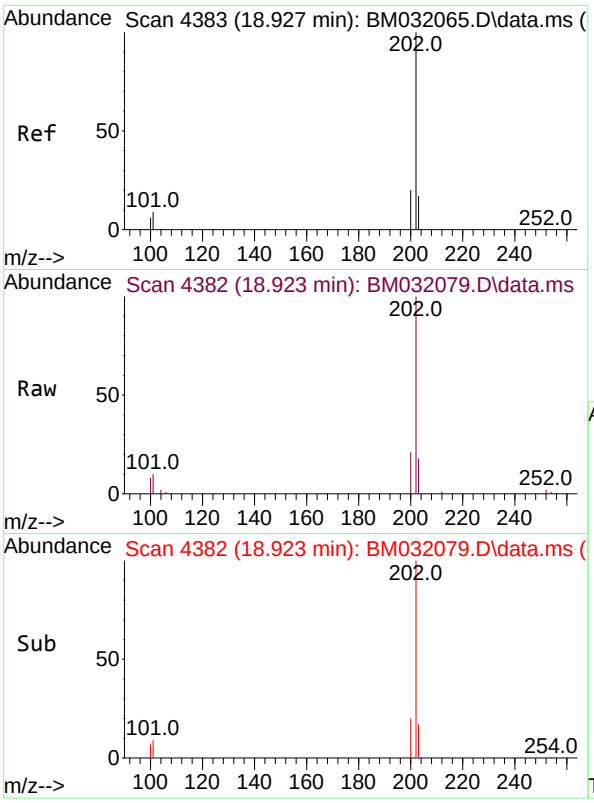
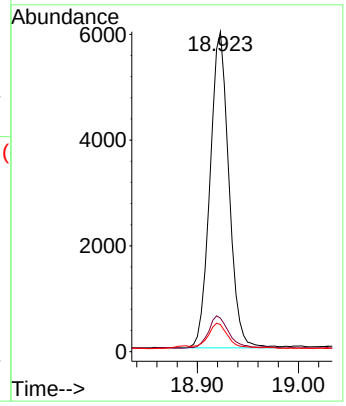


#19
Fluoranthene
Concen: 0.310 ng/ul
RT: 18.923 min Scan# 4382
Delta R.T. -0.011 min
Lab File: BM032079.D
Acq: 04 Sep 2021 16:01

Tgt Ion:202 Resp: 7760

Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.2	10.8
100	8.5	5.8	8.6



Instrument :
BNA_M
ClientSampleId :
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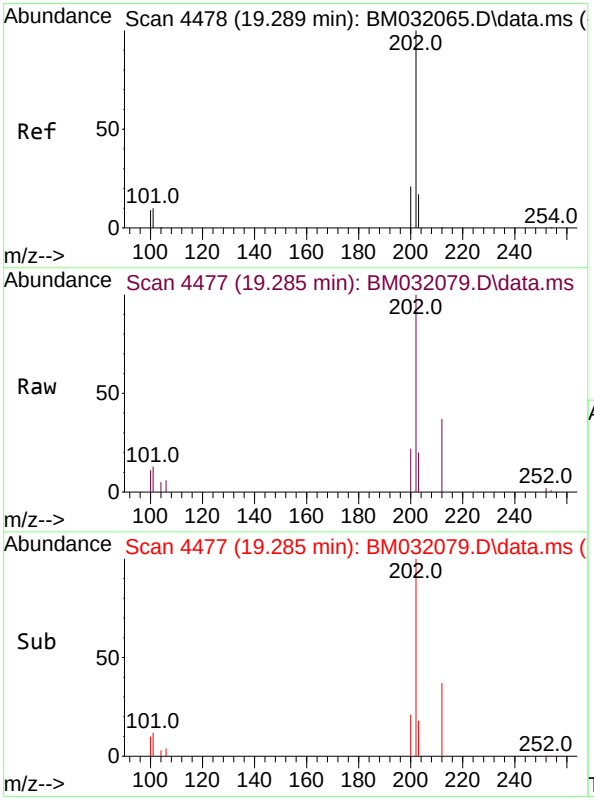
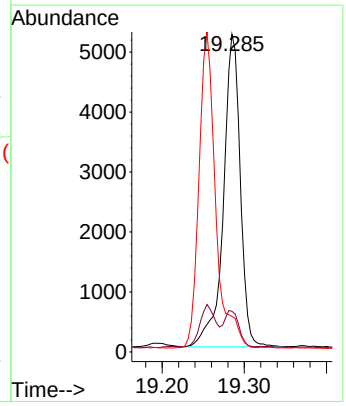
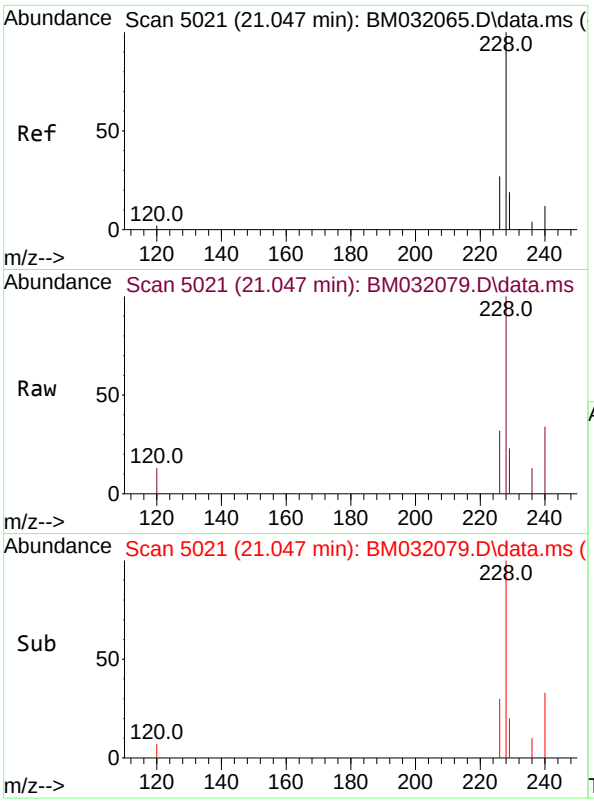


#20
Pyrene
Concen: 0.289 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032079.D
Acq: 04 Sep 2021 16:01

Tgt Ion:202 Resp: 7437

Ion	Ratio	Lower	Upper
202	100		
101	12.8	8.2	12.4#
100	11.2	7.0	10.6#

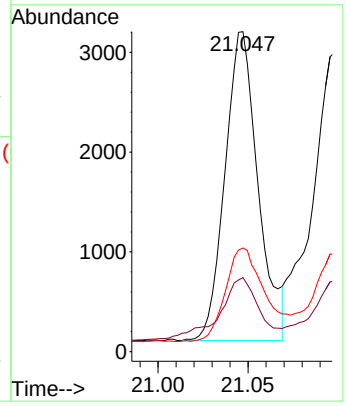


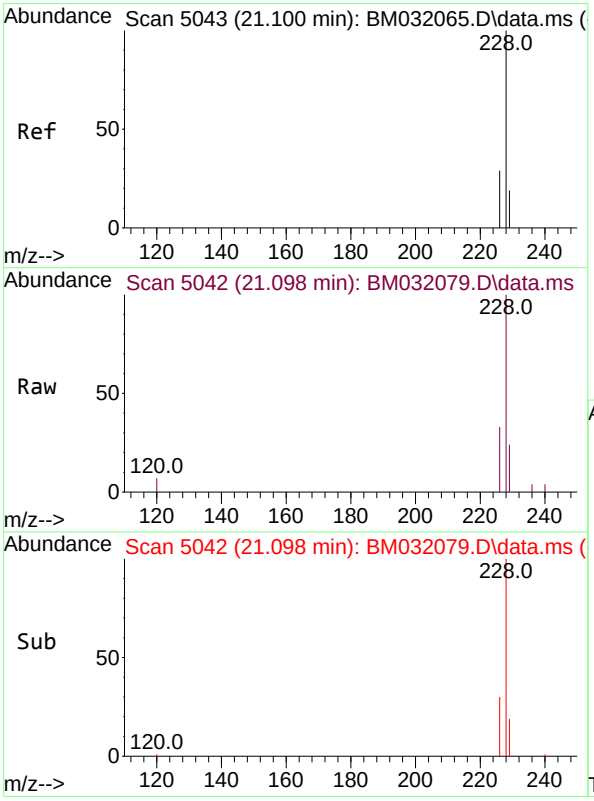


#21
Benzo(a)anthracene
Concen: 0.187 ng/ul
RT: 21.047 min Scan# 5021
Delta R.T. -0.012 min
Lab File: BM032079.D
Acq: 04 Sep 2021 16:01

Tgt Ion:228 Resp: 3950

Ion	Ratio	Lower	Upper
228	100		
229	23.2	17.1	25.7
226	32.4	23.1	34.7

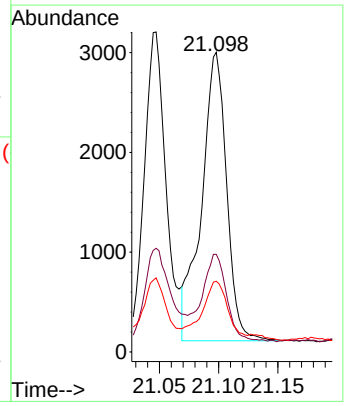




#22
Chrysene
Concen: 0.176 ng/ul
RT: 21.098 min Scan# 5042
Delta R.T. -0.012 min
Lab File: BM032079.D
Acq: 04 Sep 2021 16:01

Tgt Ion:228 Resp: 4266

Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.2	36.2
229	23.6	16.3	24.5



Instrument :
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ClientSampleId :
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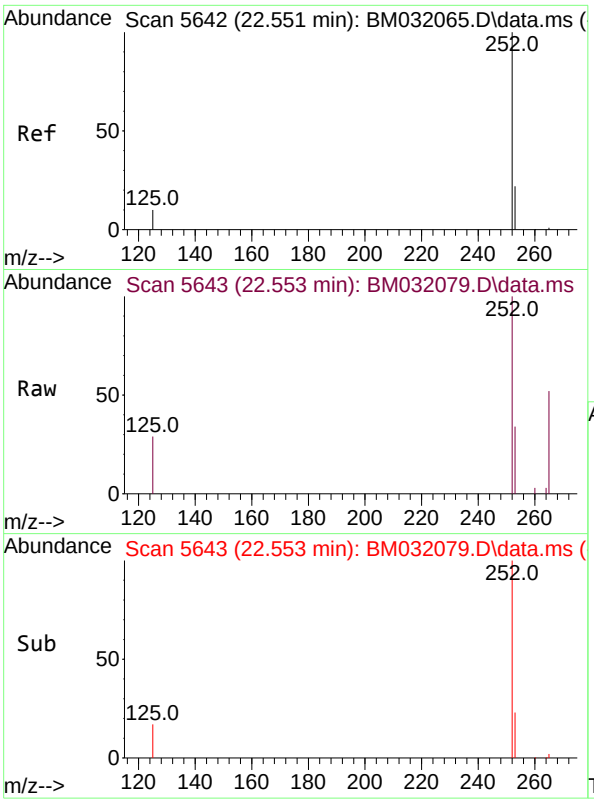
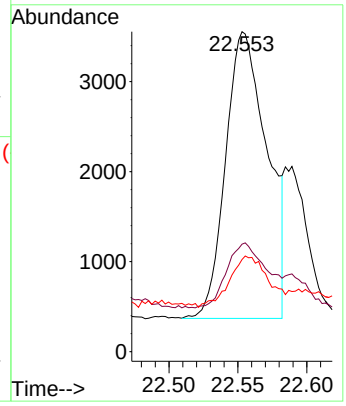
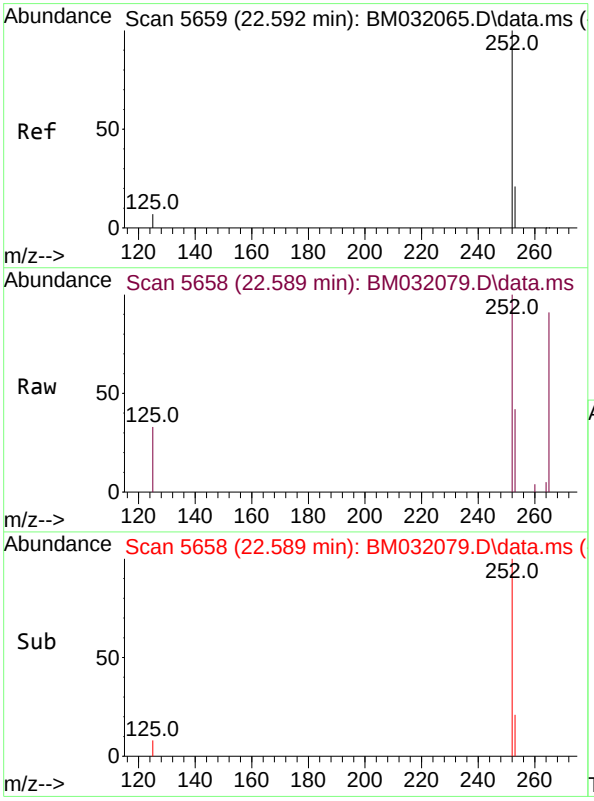


#24
Benzo(b)fluoranthene
Concen: 0.220 ng/ul m
RT: 22.553 min Scan# 5643
Delta R.T. -0.012 min
Lab File: BM032079.D
Acq: 04 Sep 2021 16:01

Tgt Ion:252 Resp: 6690

Ion	Ratio	Lower	Upper
252	100		
253	33.6	0.0	61.0
125	28.8	0.0	28.4#

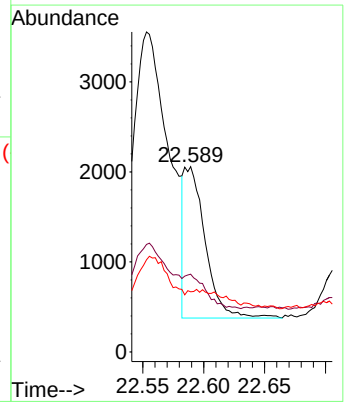




#25
Benzo(k)fluoranthene
Concen: 0.065 ng/ul m
RT: 22.589 min Scan# 5658
Delta R.T. -0.019 min
Lab File: BM032079.D
Acq: 04 Sep 2021 16:01

Tgt Ion:252 Resp: 2027

Ion	Ratio	Lower	Upper
252	100		
253	42.0	25.2	37.8#
125	32.5	11.0	16.4#



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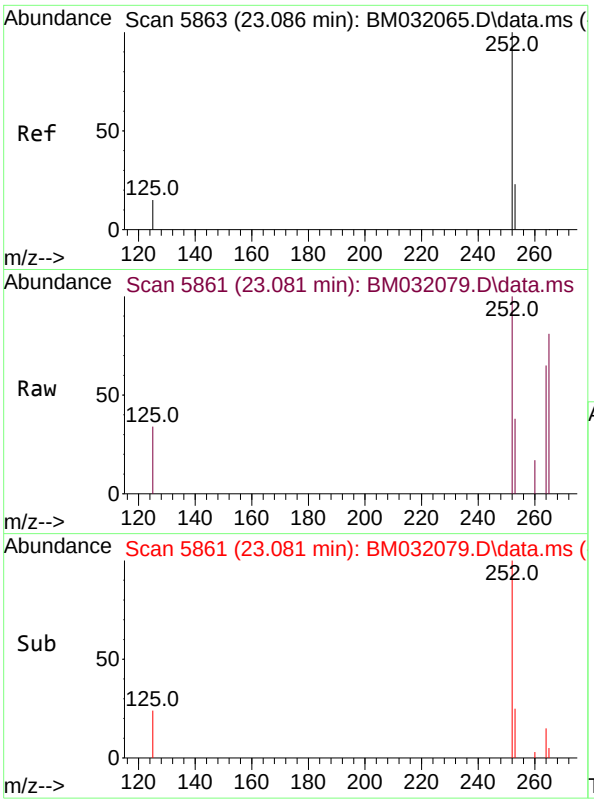
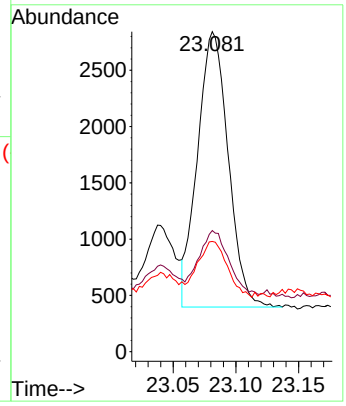
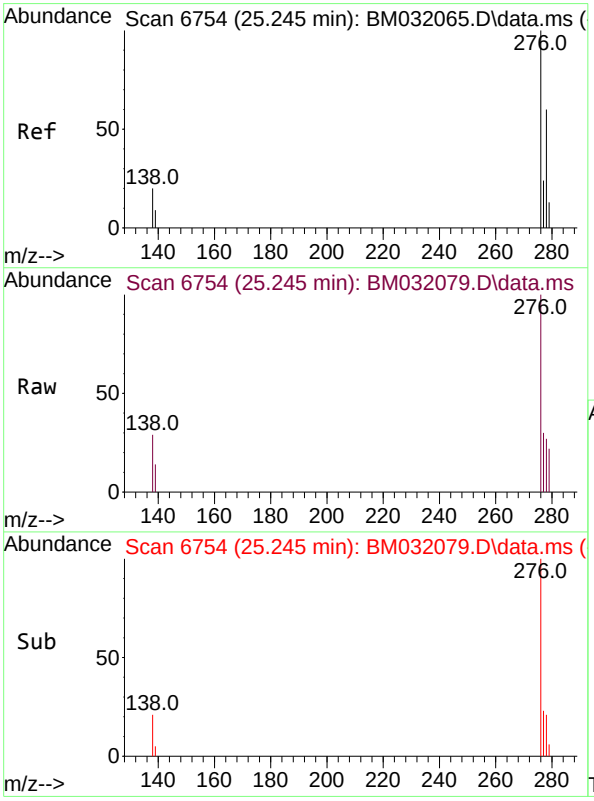


#26
Benzo(a)pyrene
Concen: 0.157 ng/ul
RT: 23.081 min Scan# 5861
Delta R.T. -0.024 min
Lab File: BM032079.D
Acq: 04 Sep 2021 16:01

Tgt Ion:252 Resp: 4168

Ion	Ratio	Lower	Upper
252	100		
253	37.9	28.8	43.2
125	34.4	13.9	20.9#

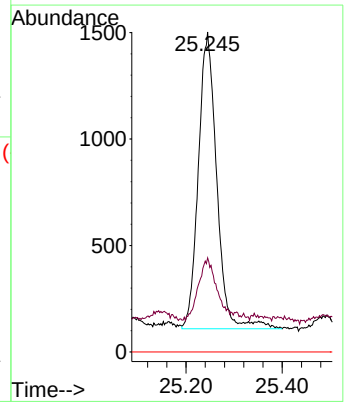




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.102 ng/ul
RT: 25.245 min Scan# 6754
Delta R.T. -0.027 min
Lab File: BM032079.D
Acq: 04 Sep 2021 16:01

Tgt Ion:276 Resp: 3690

Ion	Ratio	Lower	Upper
276	100		
138	20.8	14.1	21.1
227	0.0	0.0	0.0



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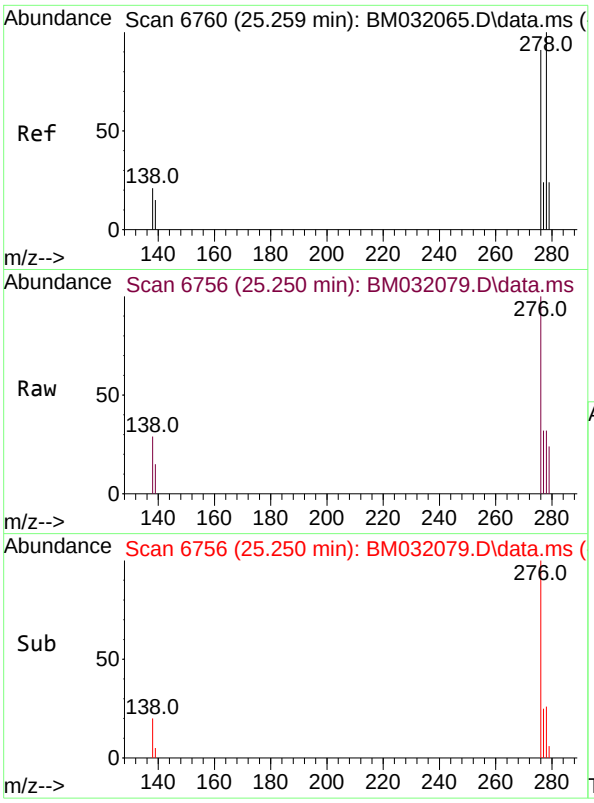
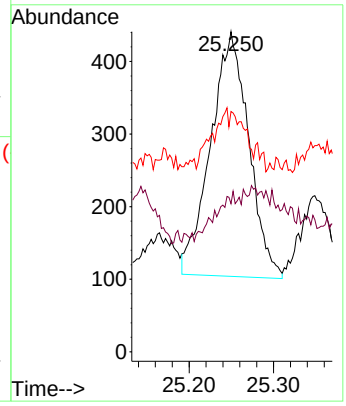
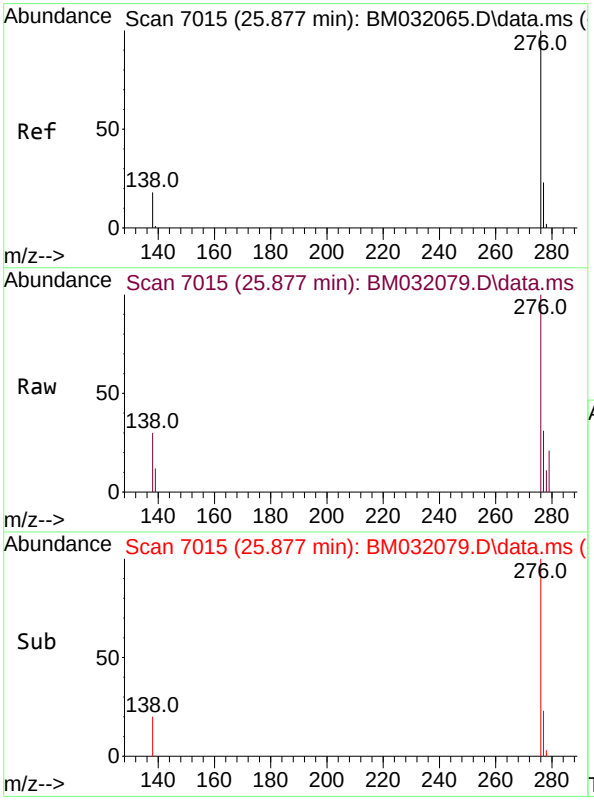


#28
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 25.250 min Scan# 6756
Delta R.T. -0.036 min
Lab File: BM032079.D
Acq: 04 Sep 2021 16:01

Tgt Ion:278 Resp: 1054

Ion	Ratio	Lower	Upper
278	100		
139	46.3	13.4	20.0#
279	75.1	27.2	40.8#

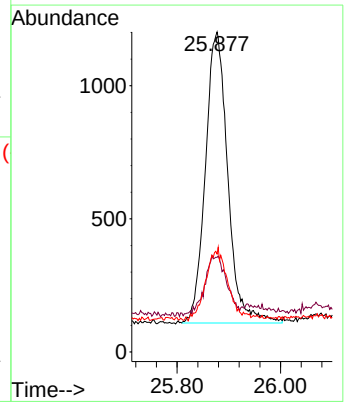




#29
Benzo(g,h,i)perylene
Concen: 0.102 ng/ul
RT: 25.877 min Scan# 7015
Delta R.T. -0.027 min
Lab File: BM032079.D
Acq: 04 Sep 2021 16:01

Tgt Ion:276 Resp: 3285

Ion	Ratio	Lower	Upper
276	100		
138	29.5	14.5	21.7#
277	30.6	21.2	31.8



Instrument :
BNA_M
ClientSampleId :
C0B05

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