Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
Data File : BM031179.D
Acq On : 27 Jul 2021 01:12
Operator : CG/JU
Sample : M3010-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGEE4

Manual Integrations APPROVED
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Quant Time: Jul 27 06:23:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 01:52:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	1597	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.395	136	6624	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.257	164	4784	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.005	188	10040m	0.400	ng/ul	0.00
17) Chrysene-d12	21.189	240	9169	0.400	ng/ul	-0.01
23) Perylene-d12	23.359	264	8666	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	8352	4.978	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	4072	0.350	ng/ul	-0.01
18) Fluoranthene-d10	19.031	212	10831	0.387	ng/ul	-0.01
Target Compounds						Qvalue
15) Phenanthrene	17.047	178	807	0.025	ng/ul#	82
19) Fluoranthene	19.061	202	3866	0.105	ng/ul#	89
20) Pyrene	19.427	202	3533	0.094	ng/ul#	88
21) Benzo(a)anthracene	21.174	228	2716	0.074	ng/ul#	88
22) Chrysene	21.225	228	2471m	0.062	ng/ul	
24) Benzo(b)fluoranthene	22.717	252	3330m	0.082	ng/ul	
25) Benzo(k)fluoranthene	22.753	252	1119m	0.027	ng/ul	
26) Benzo(a)pyrene	23.267	252	2299	0.065	ng/ul#	47
27) Indeno(1,2,3-cd)pyrene	25.510	276	1147	0.025	ng/ul#	96
29) Benzo(g,h,i)perylene	26.169	276	949	0.024	ng/ul#	70

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

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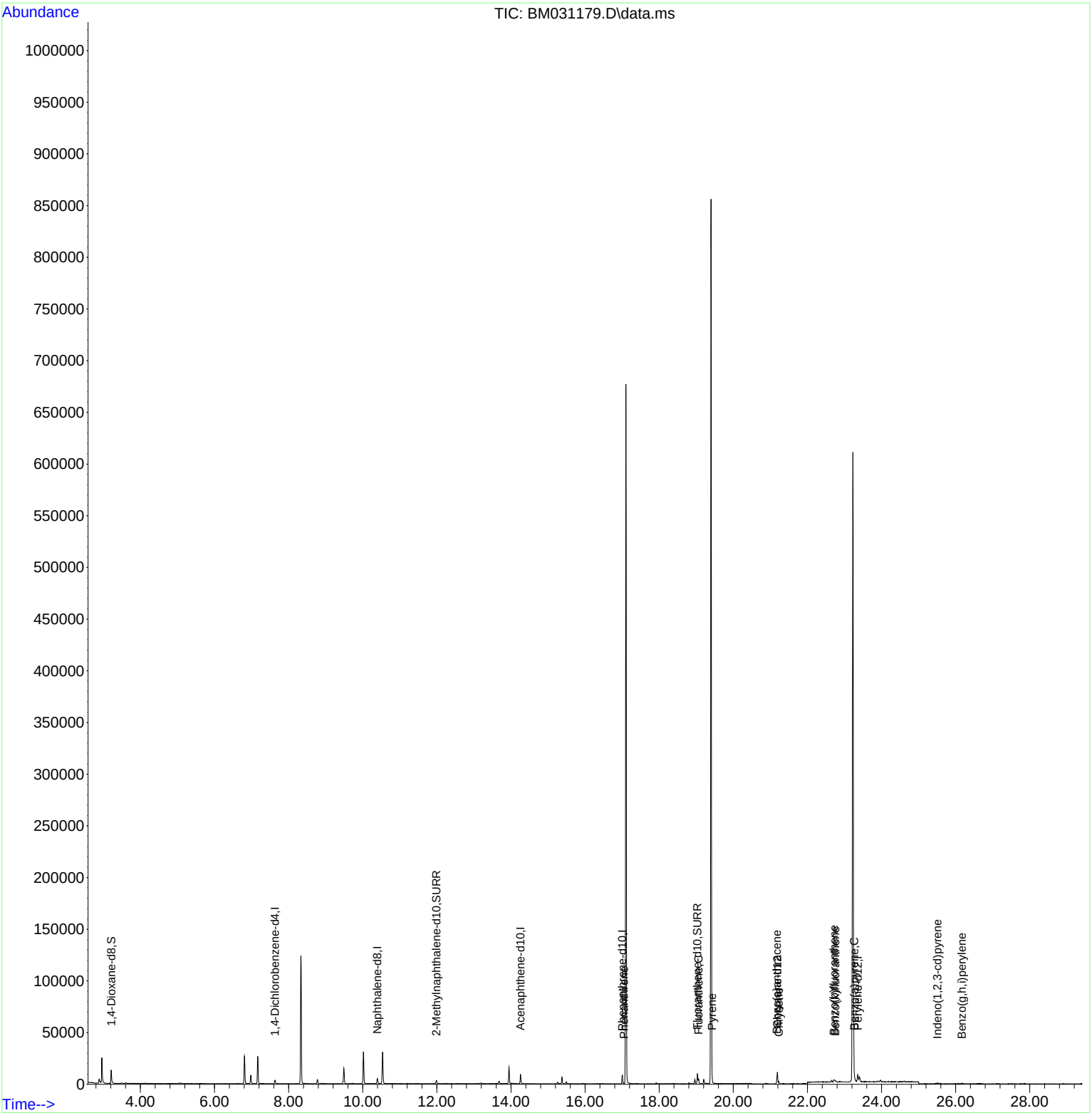
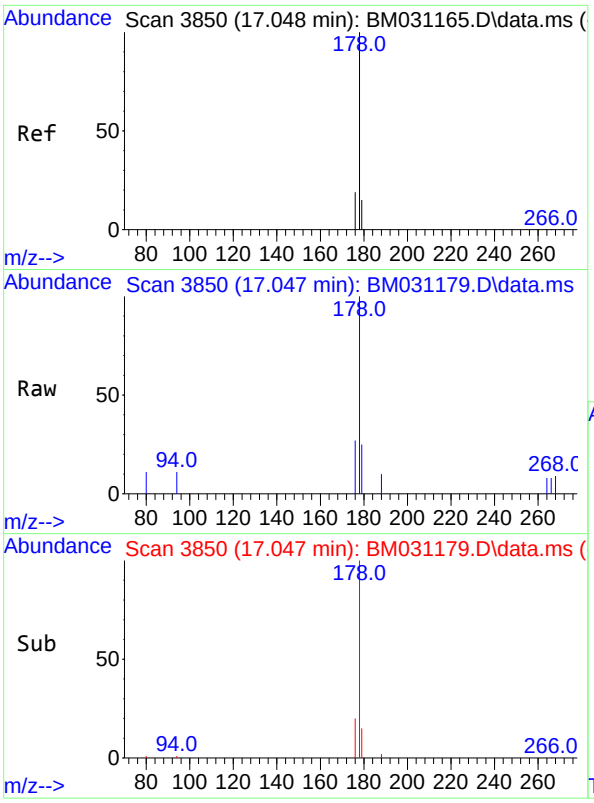
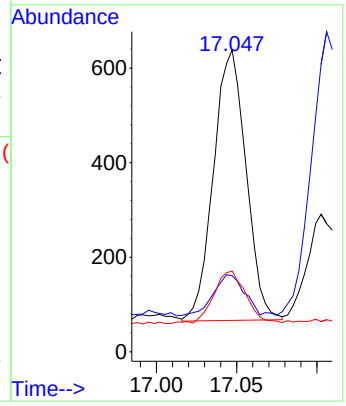


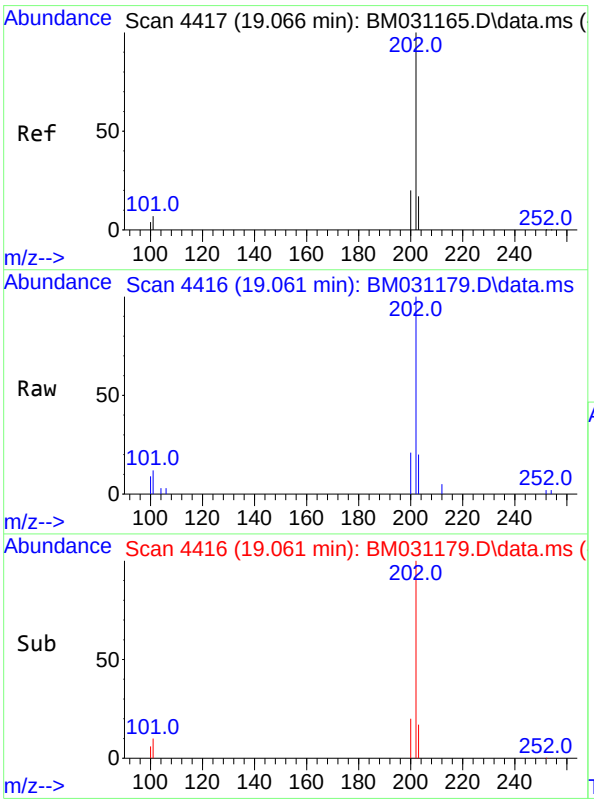


#15
Phenanthrene
Concen: 0.025 ng/ul
RT: 17.047 min Scan# 3850
Delta R.T. -0.008 min
Lab File: BM031179.D
Acq: 27 Jul 2021 01:12

Tgt Ion:178 Resp: 807

Ion	Ratio	Lower	Upper
178	100		
179	25.2	13.3	19.9#
176	26.8	15.4	23.2#

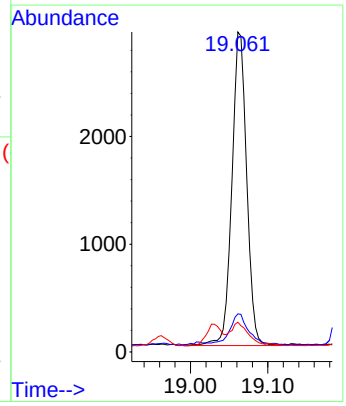




#19
Fluoranthene
Concen: 0.105 ng/ul
RT: 19.061 min Scan# 4416
Delta R.T. -0.012 min
Lab File: BM031179.D
Acq: 27 Jul 2021 01:12

Tgt Ion:202 Resp: 3866

Ion	Ratio	Lower	Upper
202	100		
101	11.9	6.0	9.0#
100	9.3	4.8	7.2#



Instrument :
BNA_M
ClientSampleId :
BGEE4

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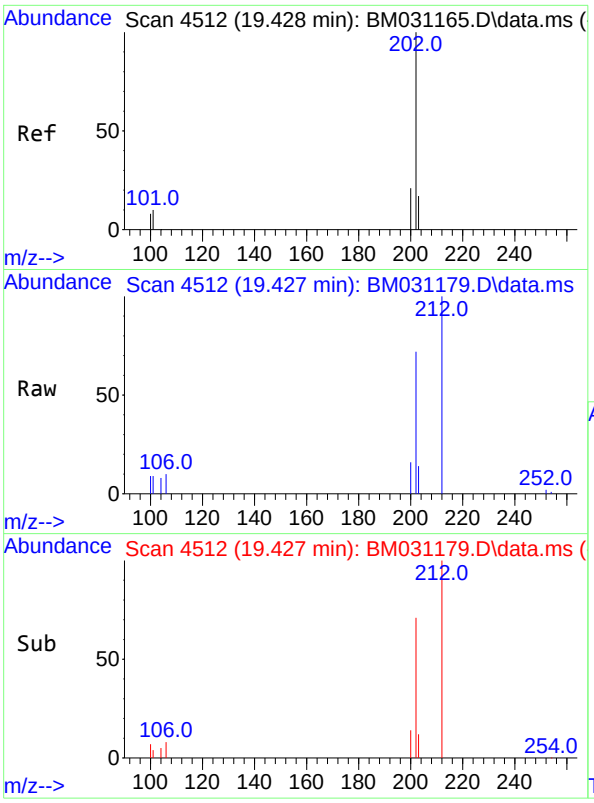
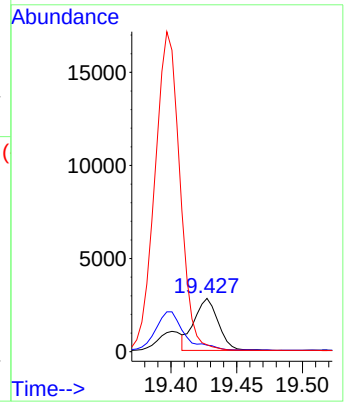


#20
Pyrene
Concen: 0.094 ng/ul
RT: 19.427 min Scan# 4512
Delta R.T. -0.008 min
Lab File: BM031179.D
Acq: 27 Jul 2021 01:12

Tgt Ion:202 Resp: 3533

Ion	Ratio	Lower	Upper
202	100		
101	12.3	7.4	11.0#
100	13.0	6.0	9.0#



Instrument :
BNA_M
ClientSampleId :
BGEE4

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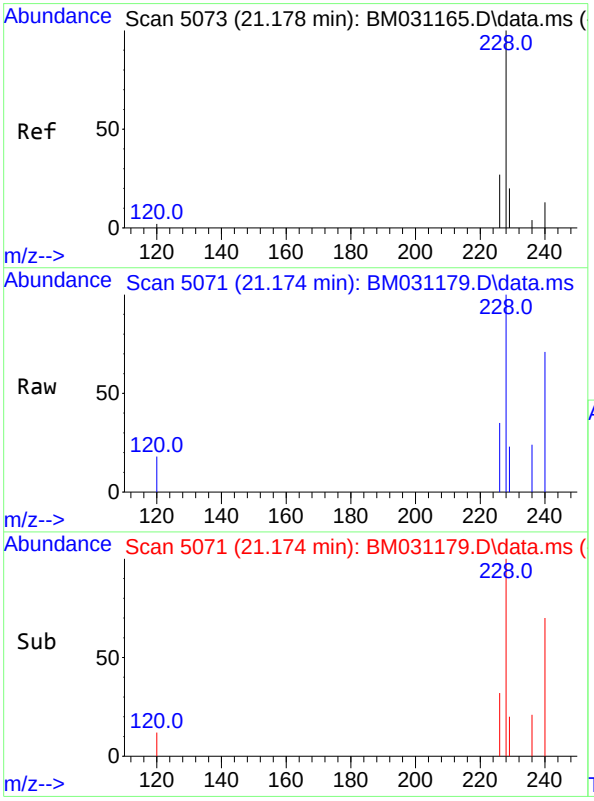
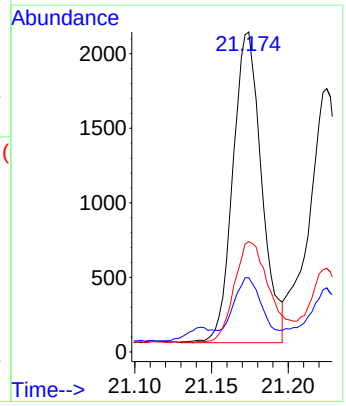
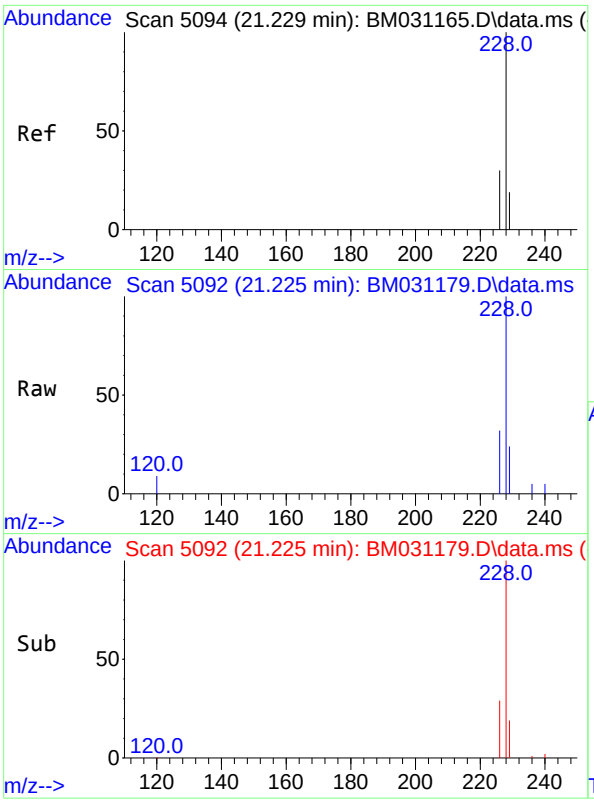


#21
Benzo(a)anthracene
Concen: 0.074 ng/ul
RT: 21.174 min Scan# 5071
Delta R.T. -0.009 min
Lab File: BM031179.D
Acq: 27 Jul 2021 01:12

Tgt Ion:228 Resp: 2716

Ion	Ratio	Lower	Upper
228	100		
229	23.2	16.0	24.0
226	34.5	21.4	32.2#

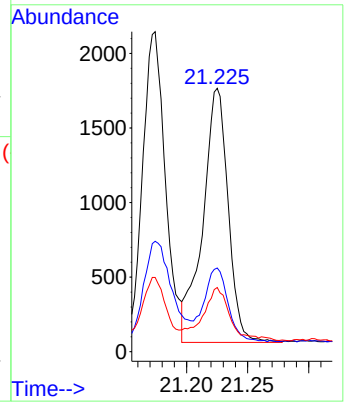


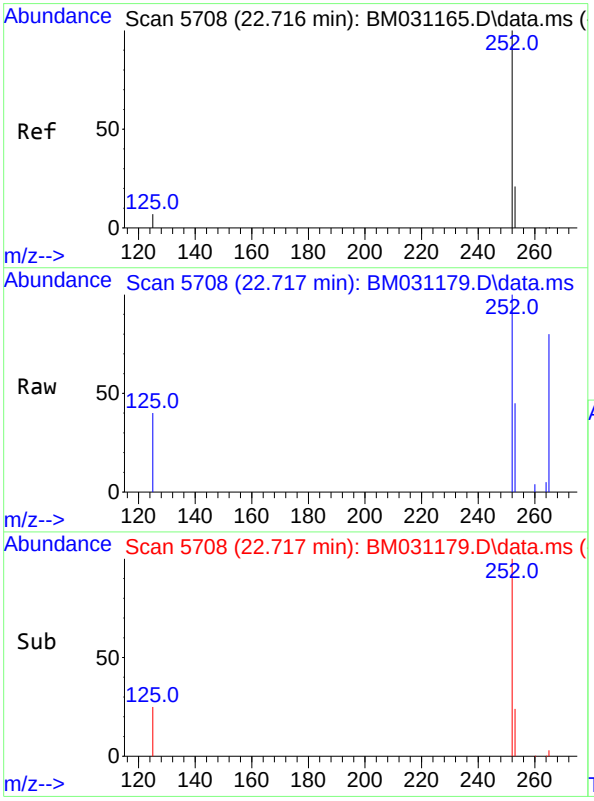


#22
Chrysene
Concen: 0.062 ng/ul m
RT: 21.225 min Scan# 5092
Delta R.T. -0.009 min
Lab File: BM031179.D
Acq: 27 Jul 2021 01:12

Tgt Ion:228 Resp: 2471

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.5	36.7
229	24.4	15.8	23.8#

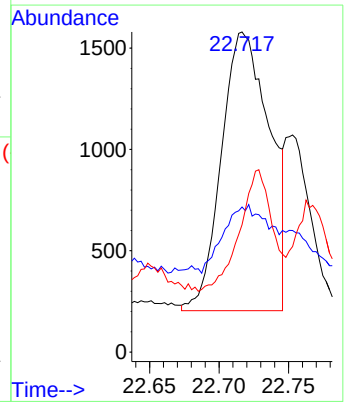




#24
Benzo(b)fluoranthene
Concen: 0.082 ng/ul m
RT: 22.717 min Scan# 5708
Delta R.T. -0.009 min
Lab File: BM031179.D
Acq: 27 Jul 2021 01:12

Tgt Ion:252 Resp: 3330

Ion	Ratio	Lower	Upper
252	100		
253	45.3	0.0	52.8
125	39.7	0.0	20.2#



Instrument :
BNA_M
ClientSampleId :
BGEE4

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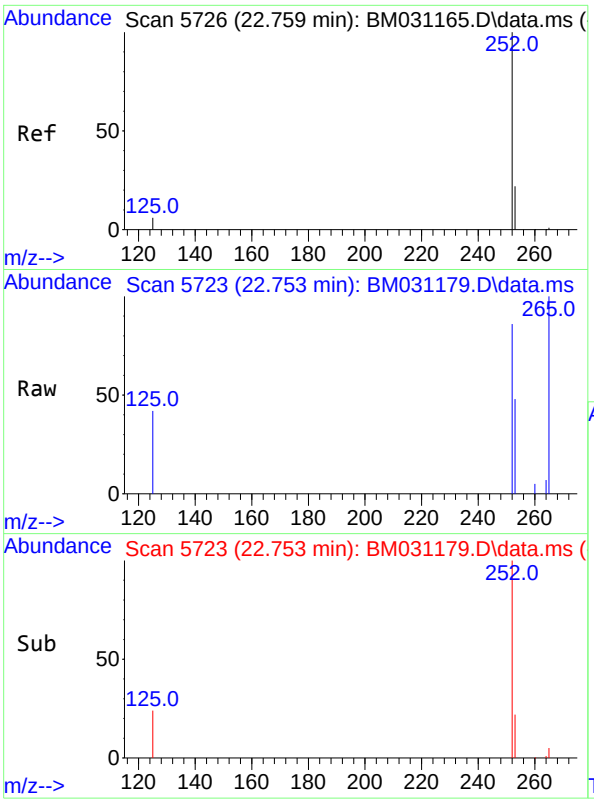
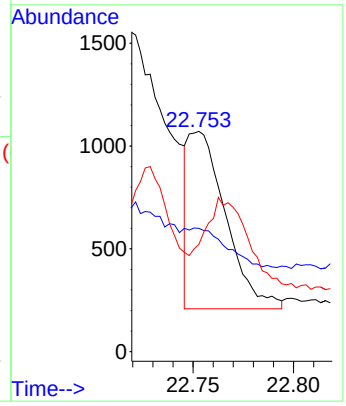
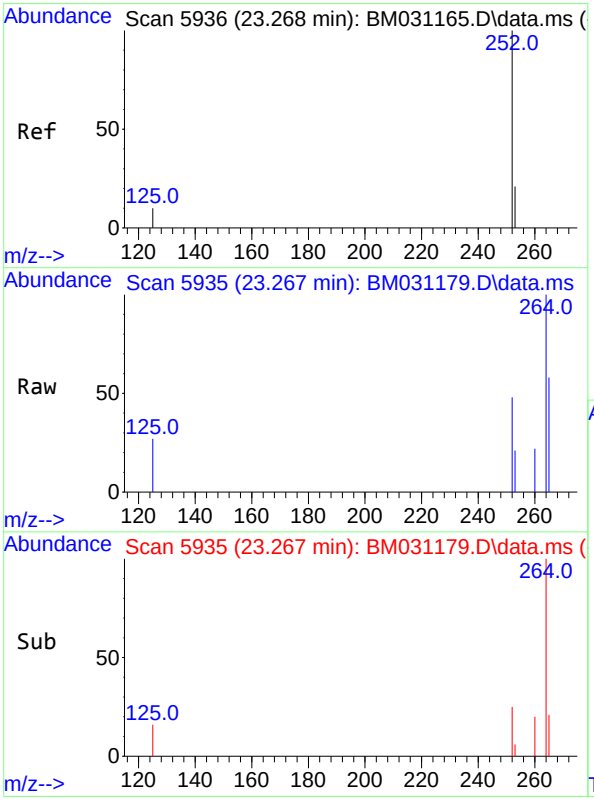


#25
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 22.753 min Scan# 5723
Delta R.T. -0.016 min
Lab File: BM031179.D
Acq: 27 Jul 2021 01:12

Tgt Ion:252 Resp: 1119

Ion	Ratio	Lower	Upper
252	100		
253	56.0	21.6	32.4#
125	48.6	8.6	13.0#

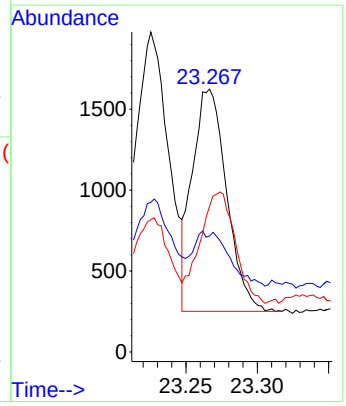




#26
Benzo(a)pyrene
Concen: 0.065 ng/ul
RT: 23.267 min Scan# 5935
Delta R.T. -0.014 min
Lab File: BM031179.D
Acq: 27 Jul 2021 01:12

Tgt Ion:252 Resp: 2299

Ion	Ratio	Lower	Upper
252	100		
253	44.2	23.1	34.7#
125	55.4	10.7	16.1#



Instrument :
BNA_M
ClientSampleId :
BGEE4

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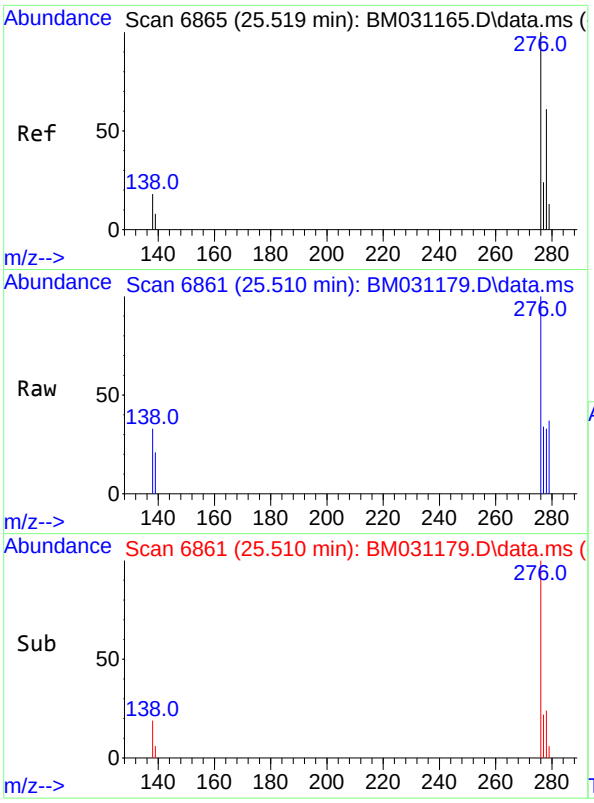
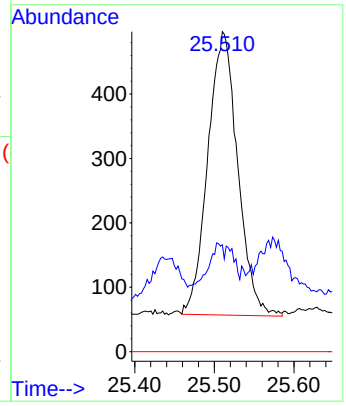


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng/ul
RT: 25.510 min Scan# 6861
Delta R.T. -0.023 min
Lab File: BM031179.D
Acq: 27 Jul 2021 01:12

Tgt Ion:276 Resp: 1147

Ion	Ratio	Lower	Upper
276	100		
138	17.2	15.4	23.0
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
BGEE4

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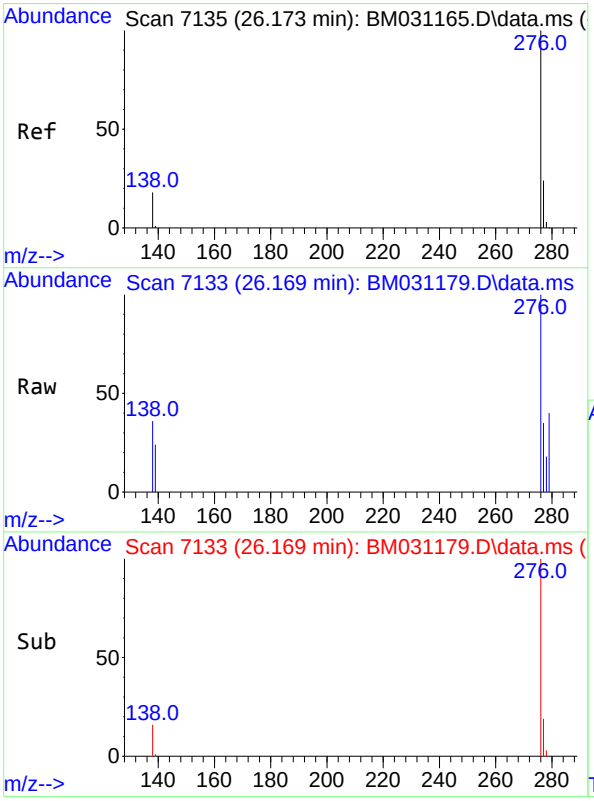

#29
Benzo(g,h,i)perylene
Concen: 0.024 ng/ul
RT: 26.169 min Scan# 7133
Delta R.T. -0.023 min
Lab File: BM031179.D
Acq: 27 Jul 2021 01:12

Tgt Ion:276 Resp: 949

Ion	Ratio	Lower	Upper
276	100		
138	35.8	14.0	21.0#
277	35.5	19.9	29.9#