Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031309.D
Acq On : 31 Jul 2021 13:16
Operator : CG/JU
Sample : M3091-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0036

Quant Time: Aug 02 01:08:06 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	1792	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	6597	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.239	164	4005	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	7799	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.176	240	6166	0.400	ng/ul	# 0.00
23) Perylene-d12	23.341	264	6270	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	7101	3.568	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	2491	0.224	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	5290	0.257	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.027	178	682	0.028	ng/ul#	81
16) Anthracene	17.120	178	649	0.028	ng/ul#	74
19) Fluoranthene	19.046	202	1048	0.040	ng/ul#	72
20) Pyrene	19.412	202	1101	0.041	ng/ul#	75
21) Benzo(a)anthracene	21.159	228	1510	0.061	ng/ul#	90
22) Chrysene	21.212	228	1806	0.070	ng/ul#	92
24) Benzo(b)fluoranthene	22.696	252	1389	0.049	ng/ul#	33
25) Benzo(k)fluoranthene	22.737	252	1606	0.055	ng/ul#	45
26) Benzo(a)pyrene	23.246	252	1363	0.055	ng/ul#	28
27) Indeno(1,2,3-cd)pyrene	25.492	276	1421	0.044	ng/ul#	64
28) Dibenzo(a,h)anthracene	25.499	278	1529	0.059	ng/ul#	63
29) Benzo(g,h,i)perylene	26.137	276	1484	0.054	ng/ul#	74

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

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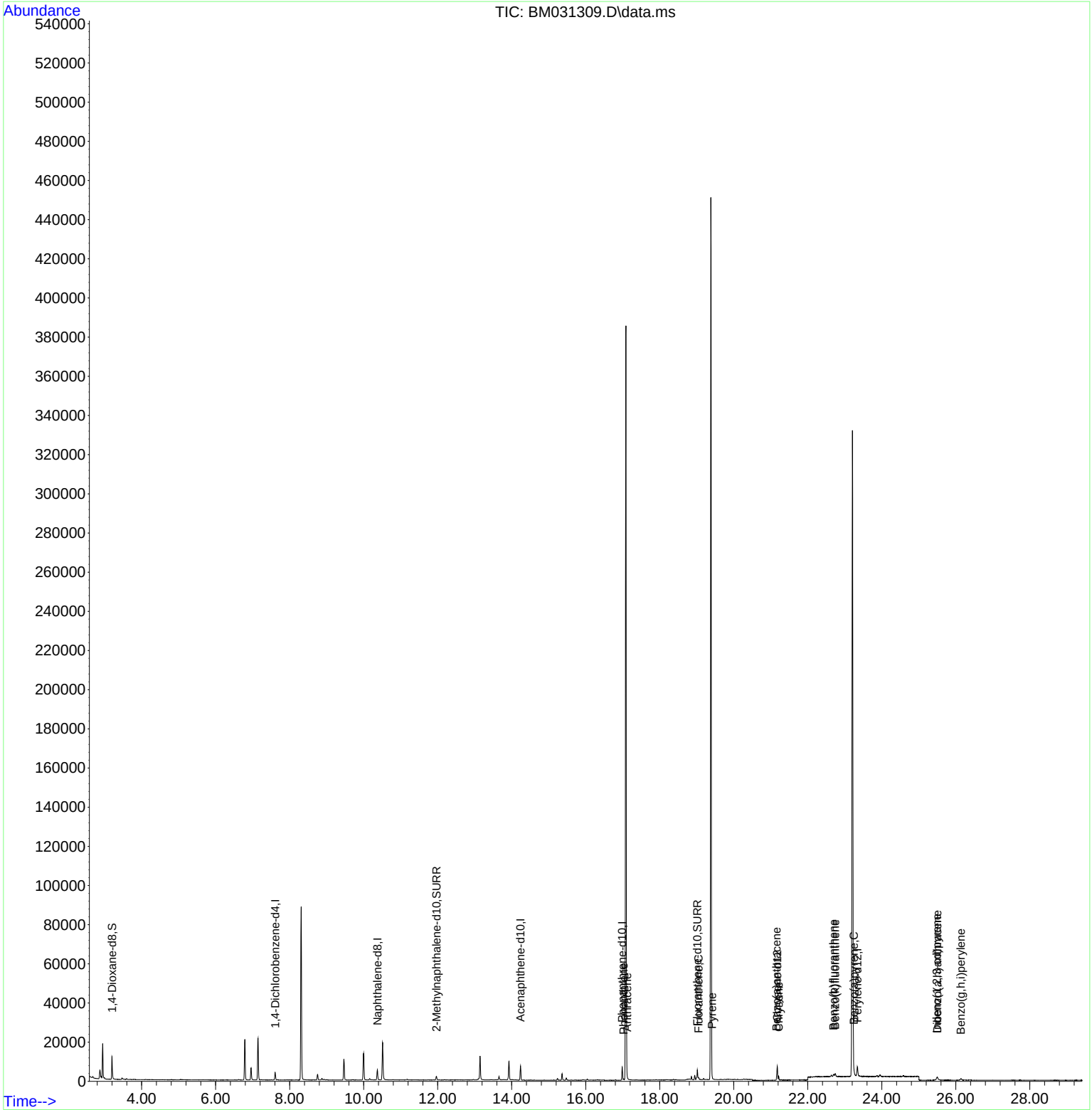

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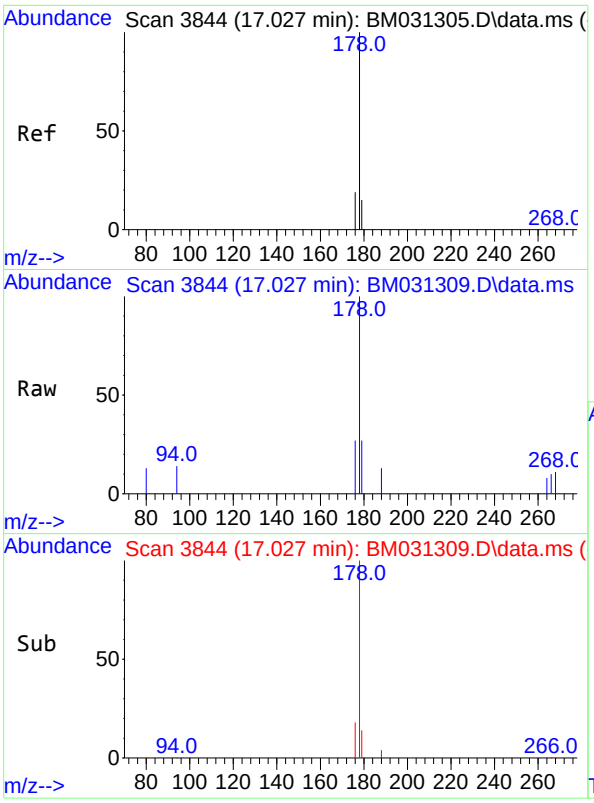
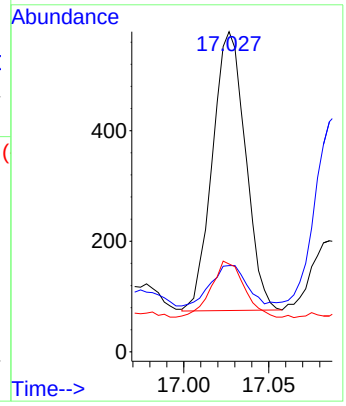
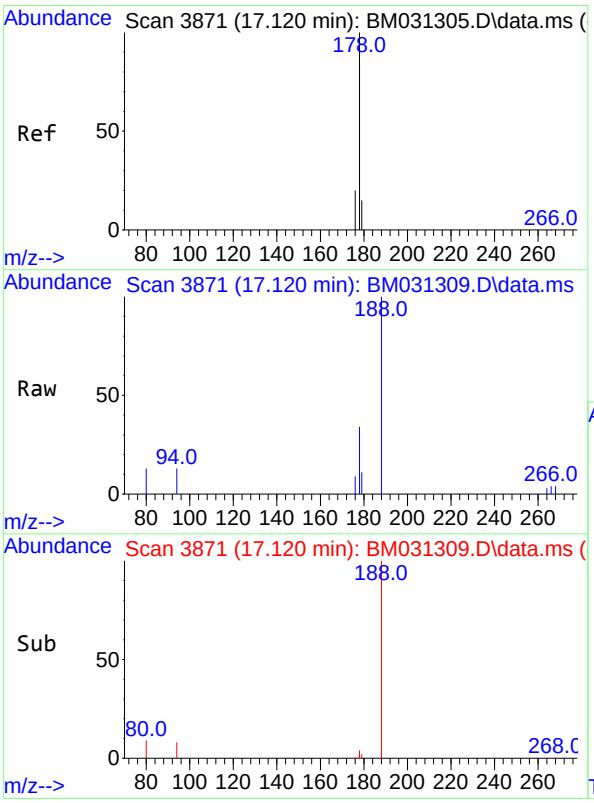


#15
Phenanthrene
Concen: 0.028 ng/ul
RT: 17.027 min Scan# 3844
Delta R.T. -0.003 min
Lab File: BM031309.D
Acq: 31 Jul 2021 13:16

Tgt Ion:178 Resp: 682

Ion	Ratio	Lower	Upper
178	100		
179	26.9	13.3	19.9#
176	27.5	16.2	24.4#

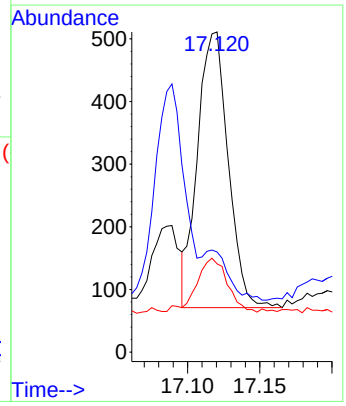




#16
Anthracene
Concen: 0.028 ng/ul
RT: 17.120 min Scan# 3871
Delta R.T. 0.000 min
Lab File: BM031309.D
Acq: 31 Jul 2021 13:16

Tgt Ion:178 Resp: 649

Ion	Ratio	Lower	Upper
178	100		
179	31.3	13.0	19.6#
176	27.6	15.6	23.4#



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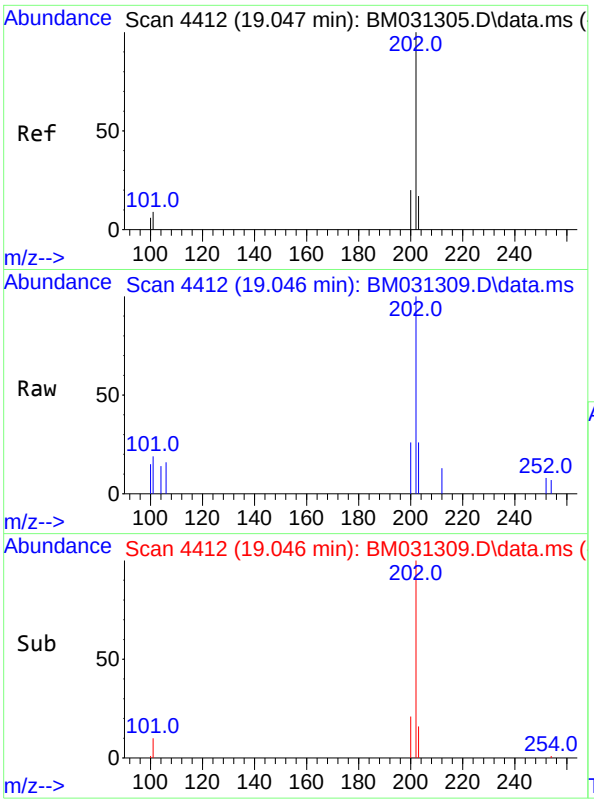
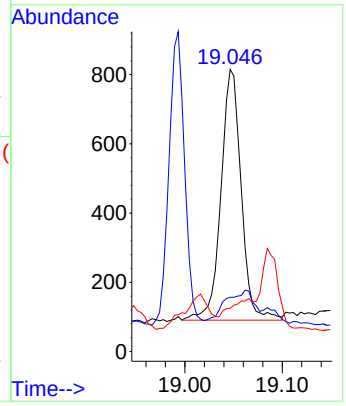
C0036

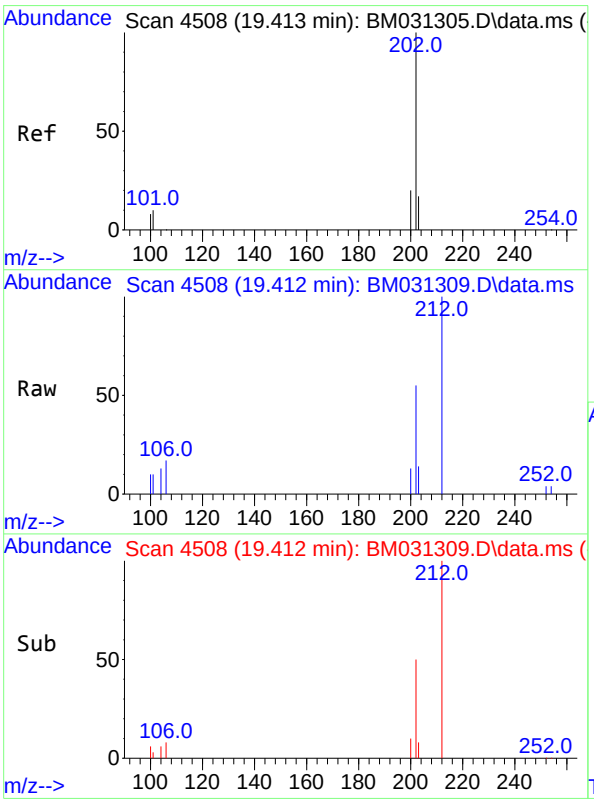


#19
Fluoranthene
Concen: 0.040 ng/ul
RT: 19.046 min Scan# 4412
Delta R.T. -0.004 min
Lab File: BM031309.D
Acq: 31 Jul 2021 13:16

Tgt Ion:202 Resp: 1048

Ion	Ratio	Lower	Upper
202	100		
101	19.3	6.6	10.0#
100	15.3	5.4	8.0#

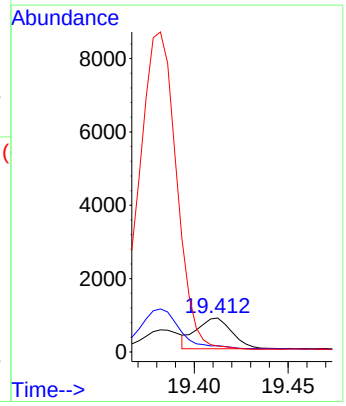




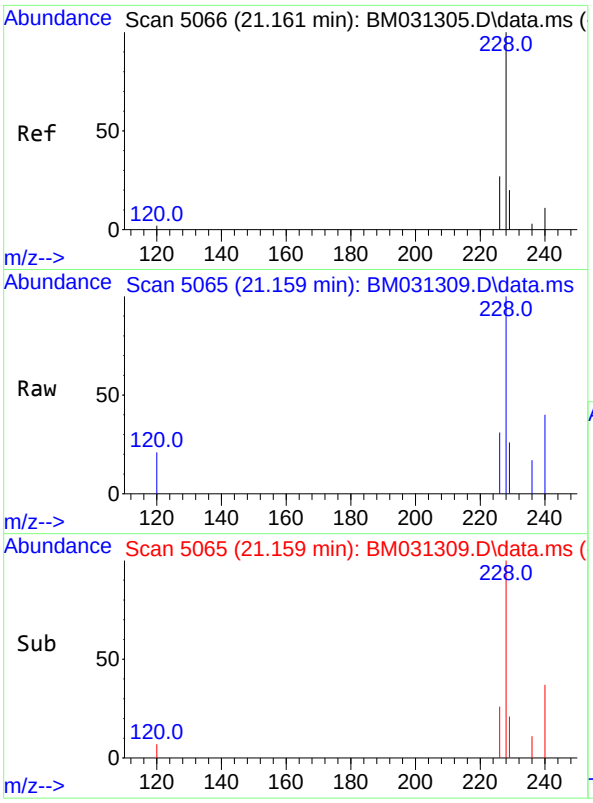
#20
Pyrene
Concen: 0.041 ng/ul
RT: 19.412 min Scan# 4508
Delta R.T. 0.000 min
Lab File: BM031309.D
Acq: 31 Jul 2021 13:16

Tgt Ion:202 Resp: 1101

Ion	Ratio	Lower	Upper
202	100		
101	18.5	7.8	11.6#
100	17.4	6.6	10.0#



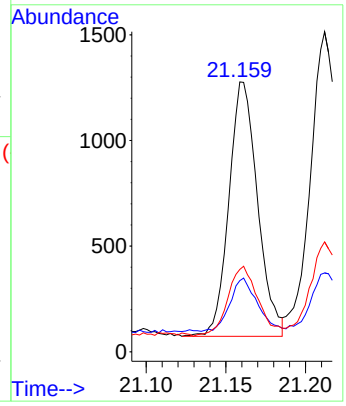
Instrument :
BNA_M
ClientSampleId :
C0036

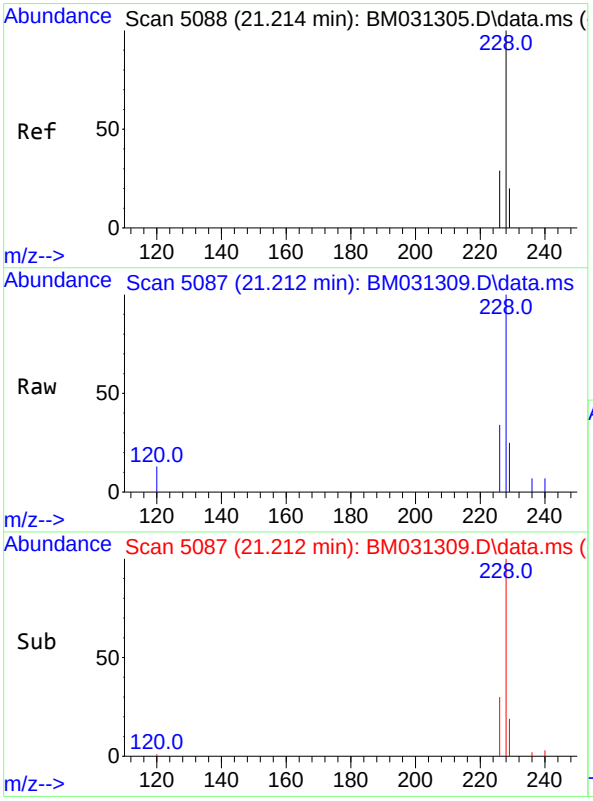


#21
Benzo(a)anthracene
Concen: 0.061 ng/ul
RT: 21.159 min Scan# 5065
Delta R.T. -0.002 min
Lab File: BM031309.D
Acq: 31 Jul 2021 13:16

Tgt Ion:228 Resp: 1510

Ion	Ratio	Lower	Upper
228	100		
229	26.4	15.6	23.4#
226	30.5	21.7	32.5

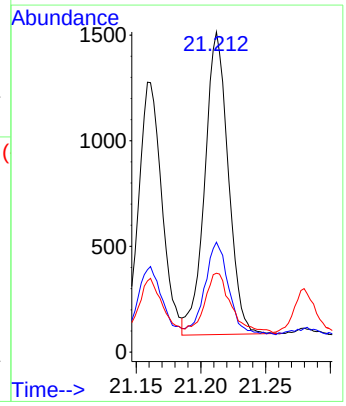




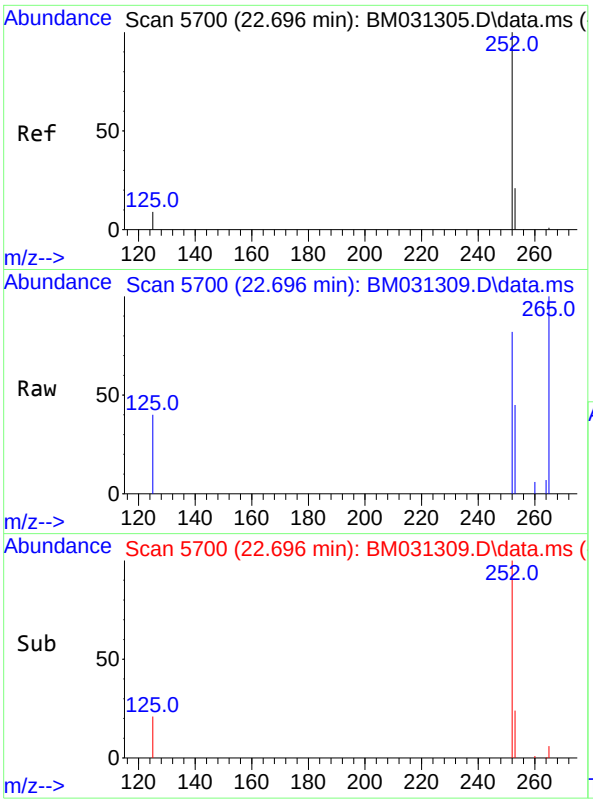
#22
Chrysene
Concen: 0.070 ng/ul
RT: 21.212 min Scan# 5087
Delta R.T. -0.002 min
Lab File: BM031309.D
Acq: 31 Jul 2021 13:16

Tgt Ion:228 Resp: 1806

Ion	Ratio	Lower	Upper
228	100		
226	34.3	24.7	37.1
229	24.6	16.2	24.2#



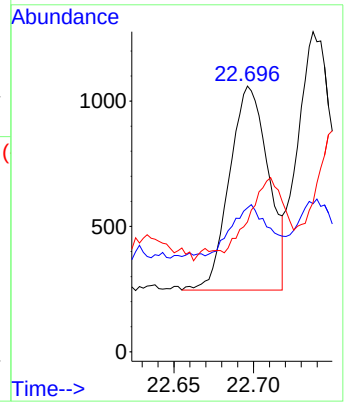
Instrument :
BNA_M
ClientSampleId :
C0036

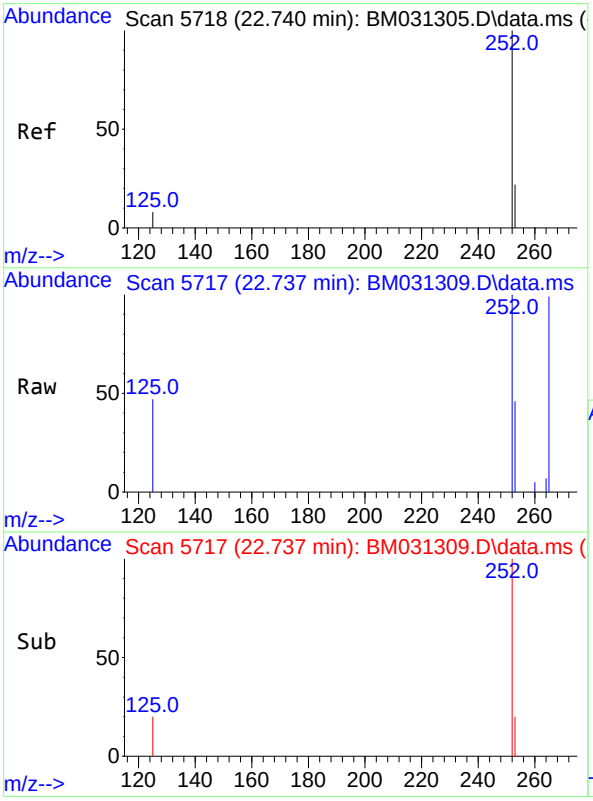


#24
Benzo(b)fluoranthene
Concen: 0.049 ng/ul
RT: 22.696 min Scan# 5700
Delta R.T. -0.002 min
Lab File: BM031309.D
Acq: 31 Jul 2021 13:16

Tgt Ion:252 Resp: 1389

Ion	Ratio	Lower	Upper
252	100		
253	54.2	0.0	53.0#
125	48.9	0.0	22.8#

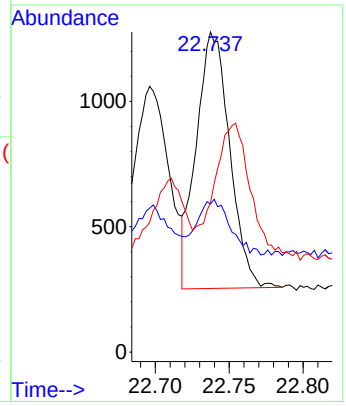




#25
Benzo(k)fluoranthene
Concen: 0.055 ng/ul
RT: 22.737 min Scan# 5717
Delta R.T. -0.002 min
Lab File: BM031309.D
Acq: 31 Jul 2021 13:16

Tgt Ion:252 Resp: 1606

Ion	Ratio	Lower	Upper
252	100		
253	46.3	21.3	31.9#
125	46.7	8.8	13.2#



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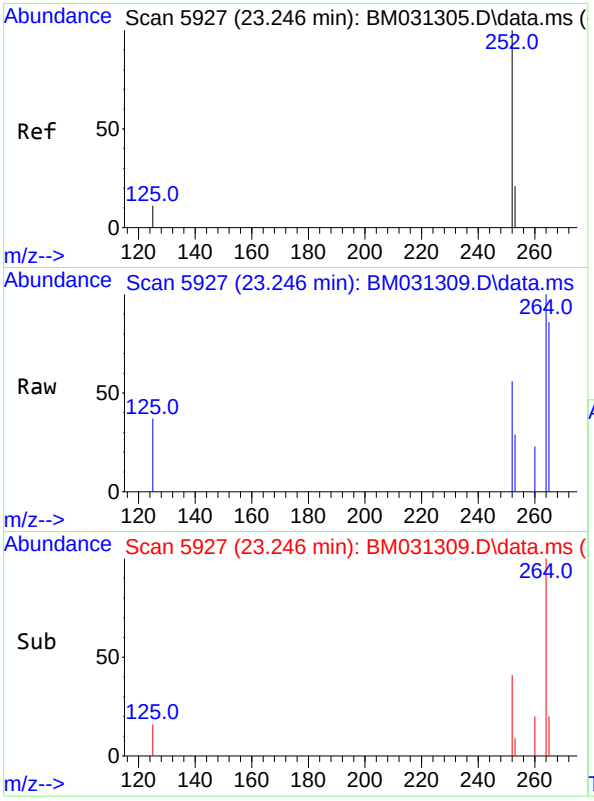
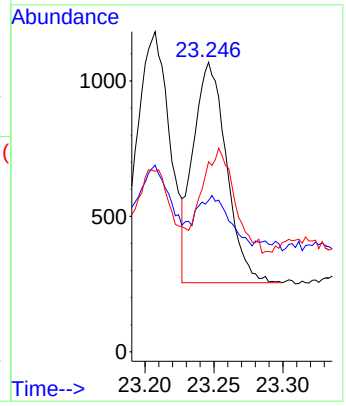
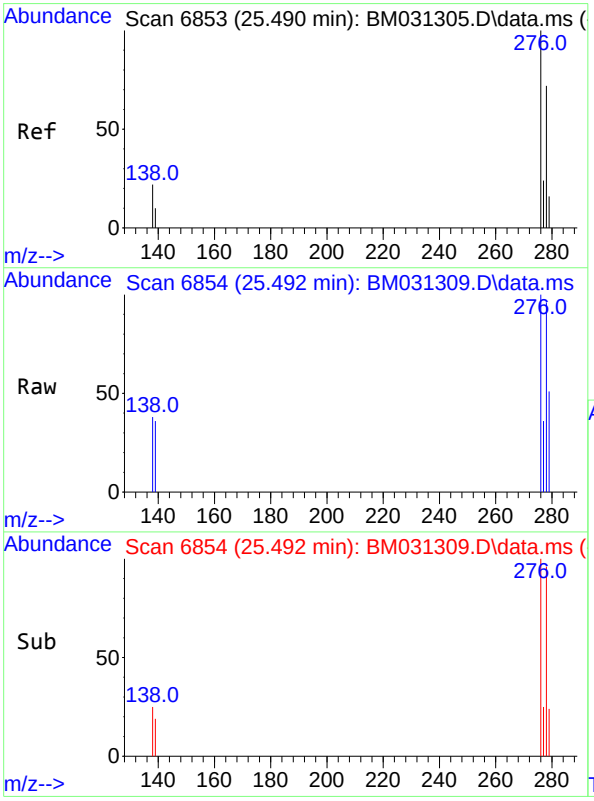


#26
Benzo(a)pyrene
Concen: 0.055 ng/ul
RT: 23.246 min Scan# 5927
Delta R.T. -0.002 min
Lab File: BM031309.D
Acq: 31 Jul 2021 13:16

Tgt Ion:252 Resp: 1363

Ion	Ratio	Lower	Upper
252	100		
253	52.3	22.4	33.6#
125	65.7	13.0	19.4#

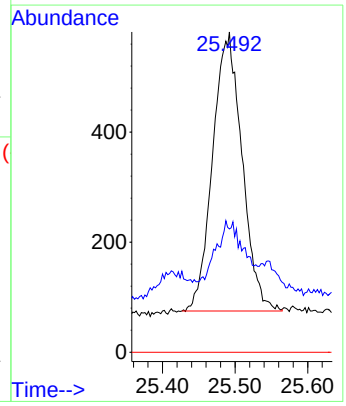




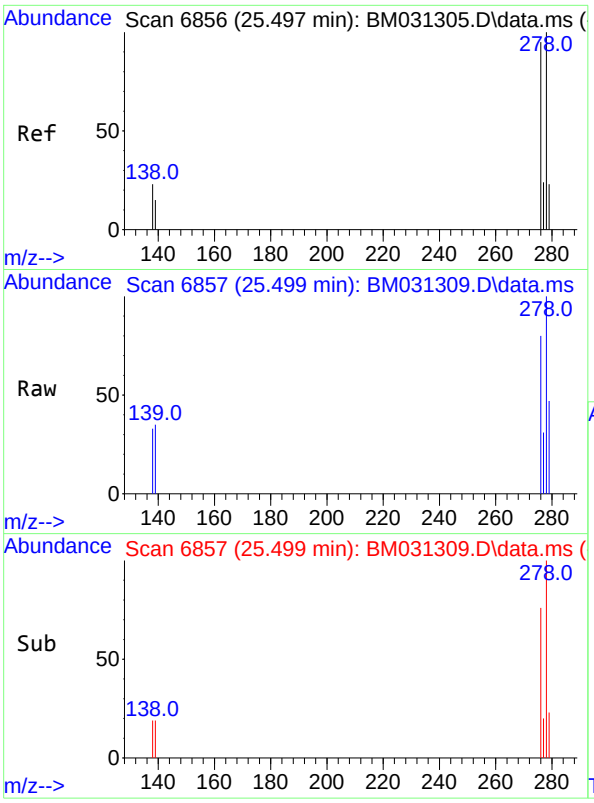
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.044 ng/ul
RT: 25.492 min Scan# 6854
Delta R.T. 0.003 min
Lab File: BM031309.D
Acq: 31 Jul 2021 13:16

Tgt Ion:276 Resp: 1421

Ion	Ratio	Lower	Upper
276	100		
138	36.2	15.8	23.8#
227	0.0	0.0	0.0



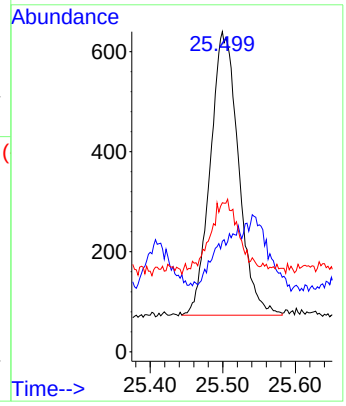
Instrument :
BNA_M
ClientSampleId :
C0036

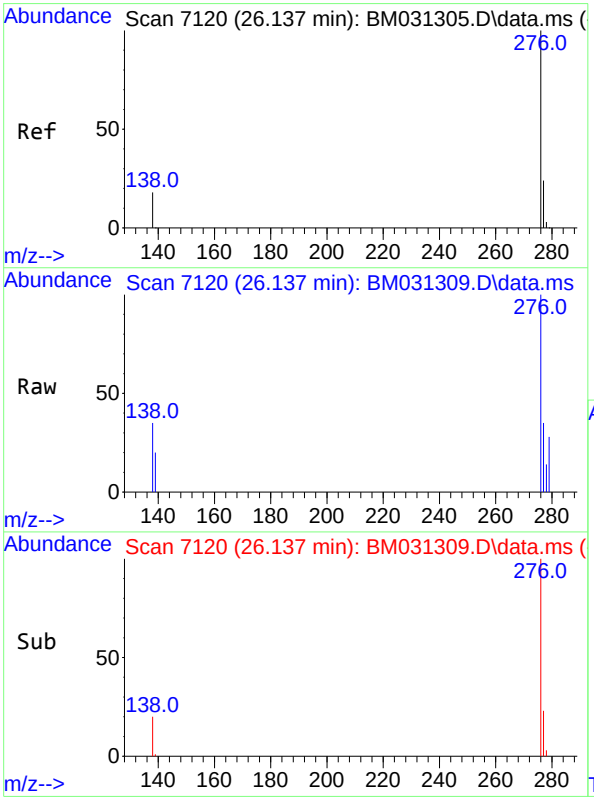


#28
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 25.499 min Scan# 6857
Delta R.T. -0.005 min
Lab File: BM031309.D
Acq: 31 Jul 2021 13:16

Tgt Ion:278 Resp: 1529

Ion	Ratio	Lower	Upper
278	100		
139	34.5	13.3	19.9#
279	46.6	22.8	34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.054 ng/ul
RT: 26.137 min Scan# 7120
Delta R.T. -0.007 min
Lab File: BM031309.D
Acq: 31 Jul 2021 13:16

Tgt Ion:276 Resp: 1484

Ion	Ratio	Lower	Upper
276	100		
138	35.0	15.4	23.2#
277	34.8	19.9	29.9#