Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031266.D
Acq On : 30 Jul 2021 01:57
Operator : CG/JU
Sample : M3084-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0032

Quant Time: Jul 30 03:43:01 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 : Wed Jul 28 15:20:04 2021
Response via : Initial Calibration

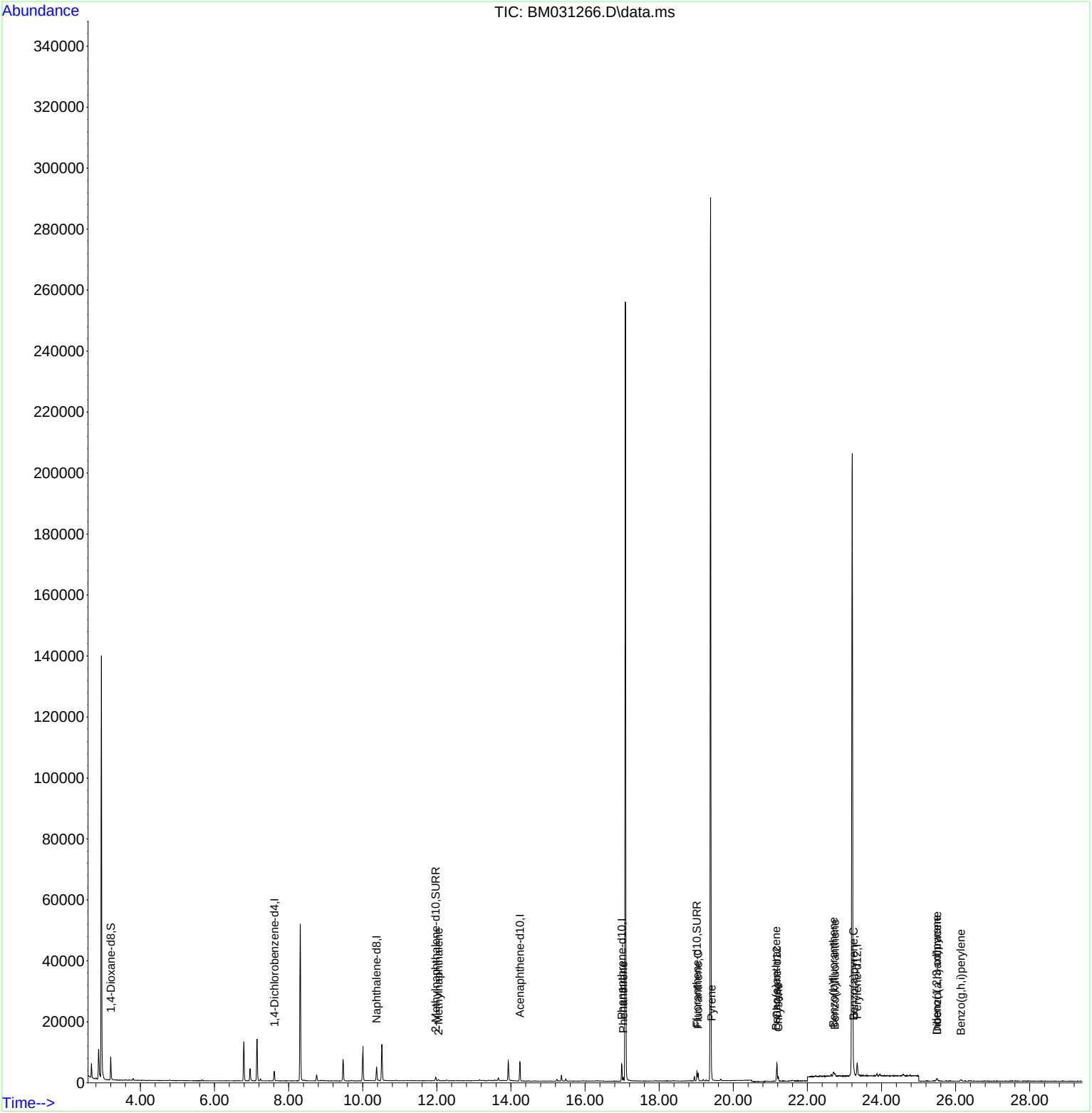
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	1548	0.400	ng/ul	0.00
4) Naphthalene-d8	10.374	136	5752	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.242	164	3463	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	6620	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.178	240	4994	0.400	ng/ul	0.00
23) Perylene-d12	23.343	264	5187	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	4561	2.653	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	1614	0.167	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	3313	0.199	ng/ul	0.00
Target Compounds						Qvalue
7) 2-Methylnaphthalene	12.043	142	318	0.027	ng/ul	98
15) Phenanthrene	17.030	178	1233	0.059	ng/ul#	90
19) Fluoranthene	19.050	202	2080	0.098	ng/ul#	87
20) Pyrene	19.412	202	2025	0.094	ng/ul#	84
21) Benzo(a)anthracene	21.161	228	1334	0.066	ng/ul#	89
22) Chrysene	21.214	228	1551	0.074	ng/ul#	90
24) Benzo(b)fluoranthene	22.701	252	1839	0.079	ng/ul#	46
25) Benzo(k)fluoranthene	22.740	252	815	0.034	ng/ul#	29
26) Benzo(a)pyrene	23.246	252	1185	0.058	ng/ul#	25
27) Indeno(1,2,3-cd)pyrene	25.487	276	1073	0.041	ng/ul#	73
28) Dibenzo(a,h)anthracene	25.502	278	581	0.027	ng/ul#	12
29) Benzo(g,h,i)perylene	26.141	276	1006	0.045	ng/ul#	67

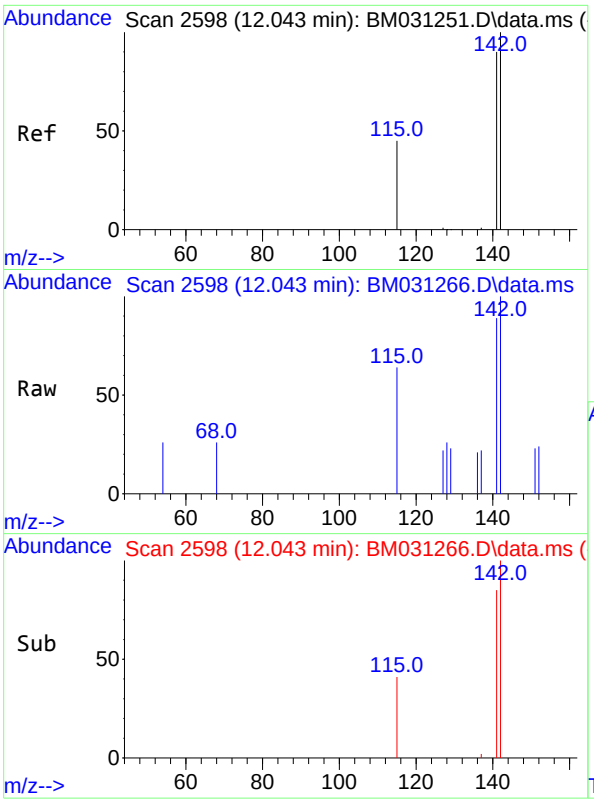
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031266.D
Acq On : 30 Jul 2021 01:57
Operator : CG/JU
Sample : M3084-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0032

Quant Time: Jul 30 03:43:01 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 : Wed Jul 28 15:20:04 2021
Response via : Initial Calibration

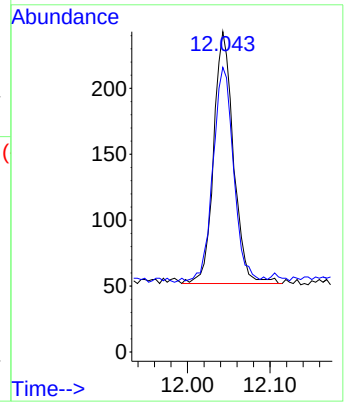




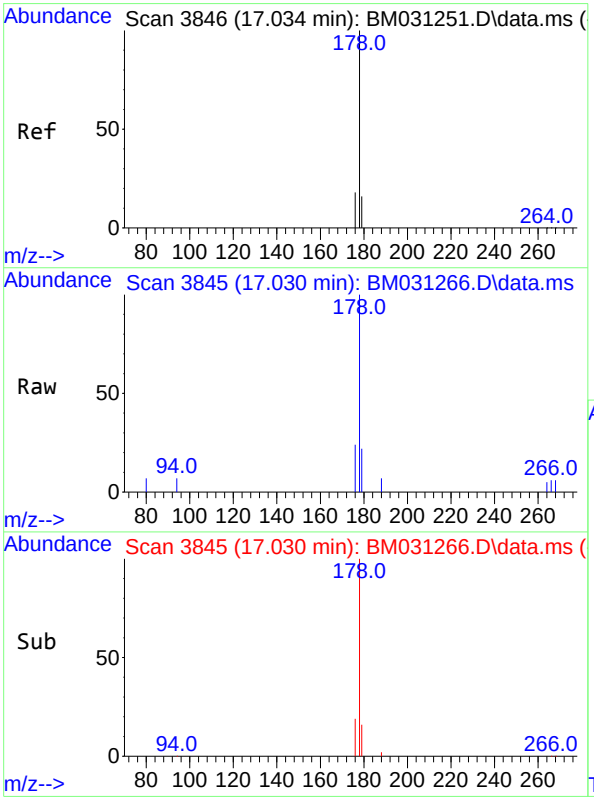
#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. -0.005 min
Lab File: BM031266.D
Acq: 30 Jul 2021 01:57

Tgt Ion:142 Resp: 318

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.4	107.0



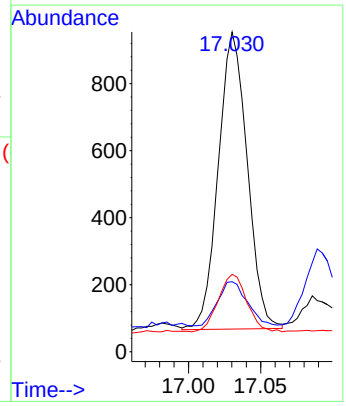
Instrument :
BNA_M
ClientSampleId :
C0032



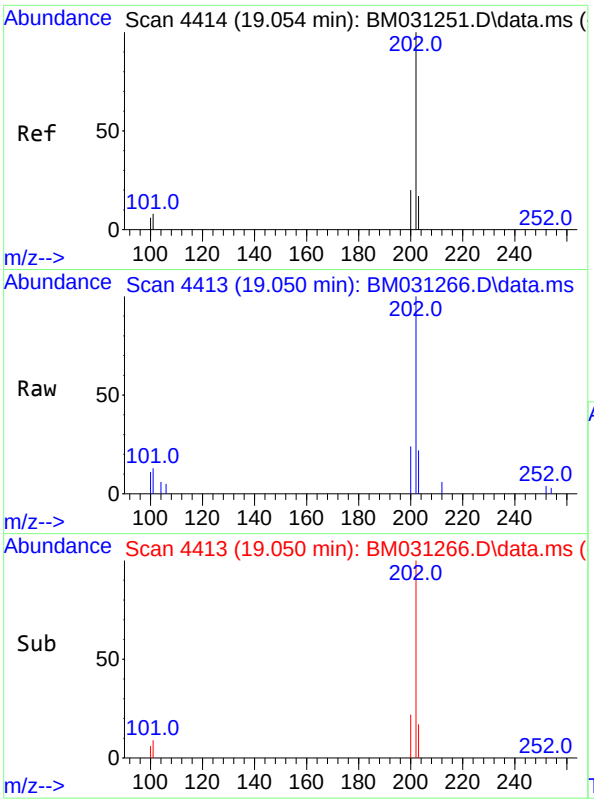
#15
Phenanthrene
Concen: 0.059 ng/ul
RT: 17.030 min Scan# 3845
Delta R.T. -0.004 min
Lab File: BM031266.D
Acq: 30 Jul 2021 01:57

Tgt Ion:178 Resp: 1233

Ion	Ratio	Lower	Upper
178	100		
179	21.9	13.3	19.9#
176	24.2	16.2	24.4



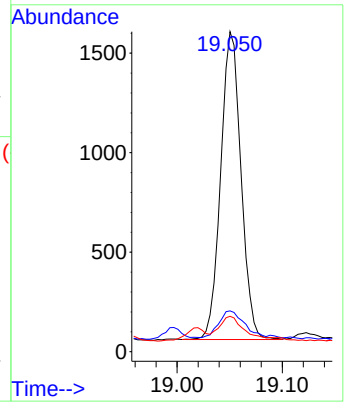
Instrument :
BNA_M
ClientSampleId :
C0032

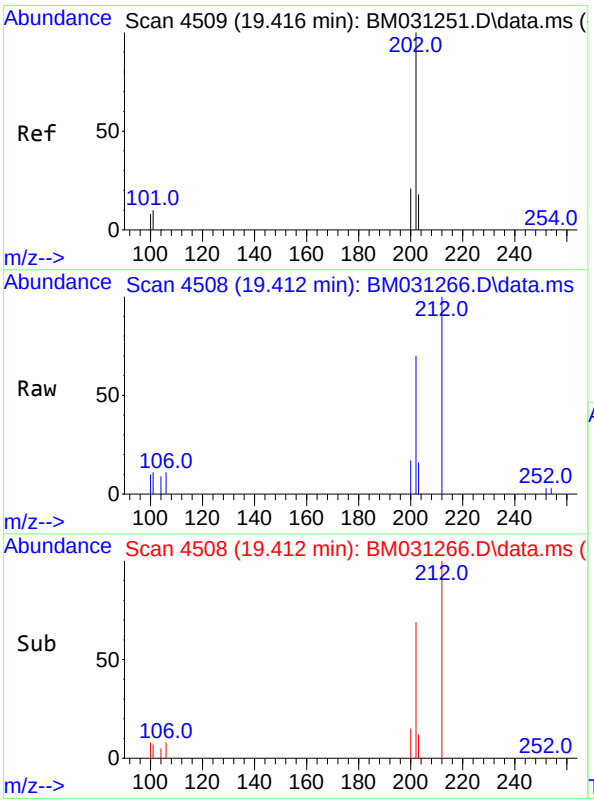


#19
Fluoranthene
Concen: 0.098 ng/ul
RT: 19.050 min Scan# 4413
Delta R.T. -0.004 min
Lab File: BM031266.D
Acq: 30 Jul 2021 01:57

Tgt Ion:202 Resp: 2080

Ion	Ratio	Lower	Upper
202	100		
101	12.7	6.6	10.0#
100	11.1	5.4	8.0#

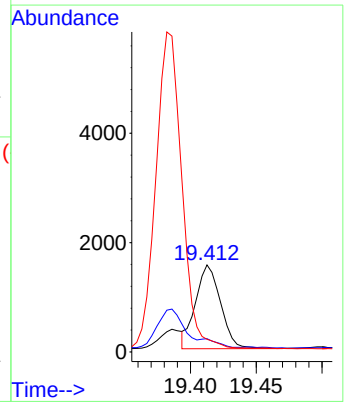




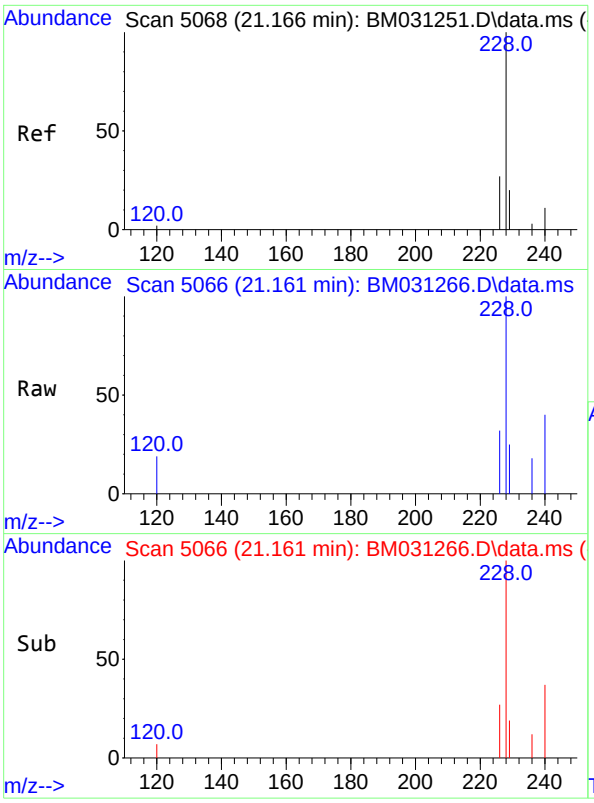
#20
Pyrene
Concen: 0.094 ng/ul
RT: 19.412 min Scan# 4508
Delta R.T. -0.004 min
Lab File: BM031266.D
Acq: 30 Jul 2021 01:57

Tgt Ion:202 Resp: 2025

Ion	Ratio	Lower	Upper
202	100		
101	15.2	7.8	11.6#
100	14.6	6.6	10.0#



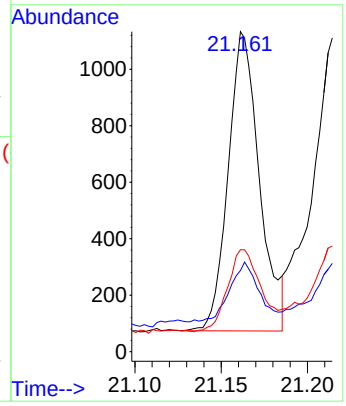
Instrument :
BNA_M
ClientSampleId :
C0032

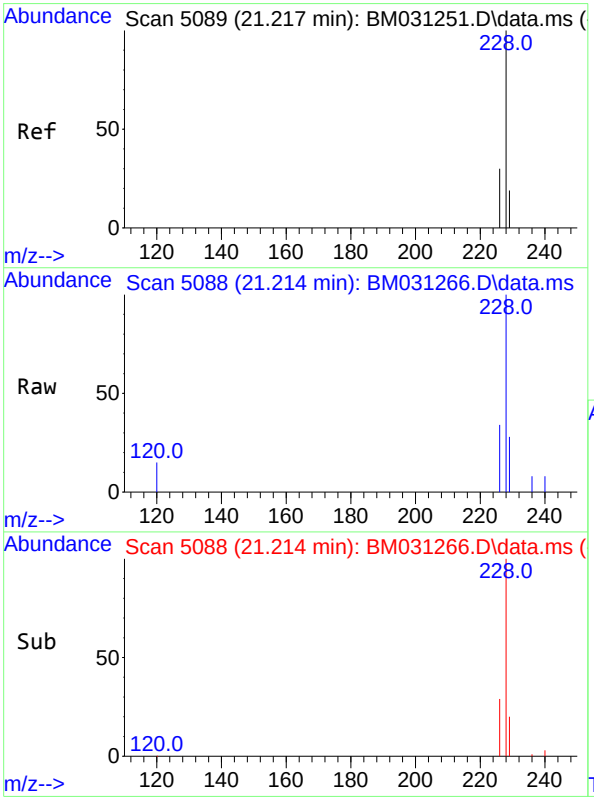


#21
Benzo(a)anthracene
Concen: 0.066 ng/ul
RT: 21.161 min Scan# 5066
Delta R.T. -0.005 min
Lab File: BM031266.D
Acq: 30 Jul 2021 01:57

Tgt Ion:228 Resp: 1334

Ion	Ratio	Lower	Upper
228	100		
229	25.3	15.6	23.4#
226	31.9	21.7	32.5

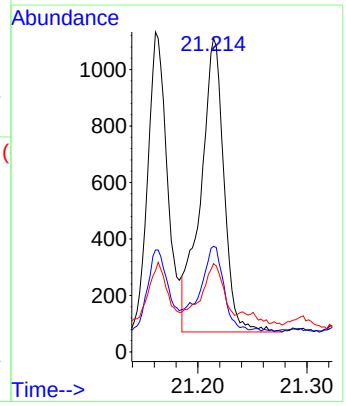




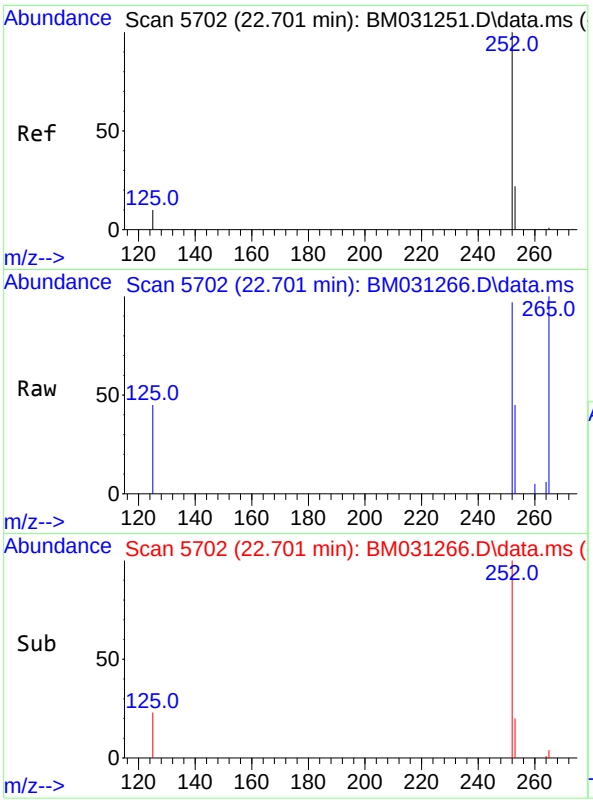
#22
Chrysene
Concen: 0.074 ng/ul
RT: 21.214 min Scan# 5088
Delta R.T. -0.003 min
Lab File: BM031266.D
Acq: 30 Jul 2021 01:57

Tgt Ion:228 Resp: 1551

Ion	Ratio	Lower	Upper
228	100		
226	33.7	24.7	37.1
229	28.2	16.2	24.2#



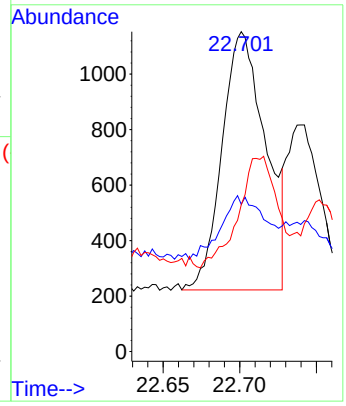
Instrument :
BNA_M
ClientSampleId :
C0032

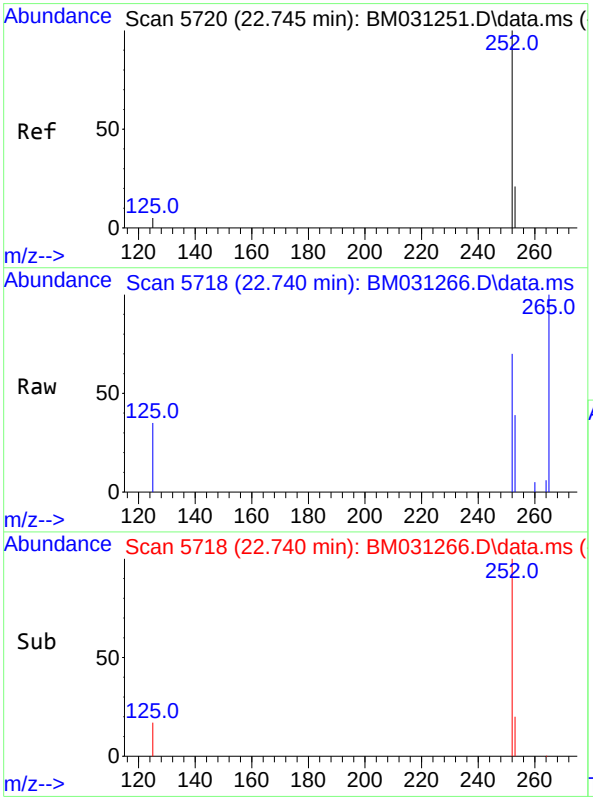


#24
Benzo(b)fluoranthene
Concen: 0.079 ng/ul
RT: 22.701 min Scan# 5702
Delta R.T. -0.005 min
Lab File: BM031266.D
Acq: 30 Jul 2021 01:57

Tgt Ion:252 Resp: 1839

Ion	Ratio	Lower	Upper
252	100		
253	46.1	0.0	53.0
125	45.9	0.0	22.8#

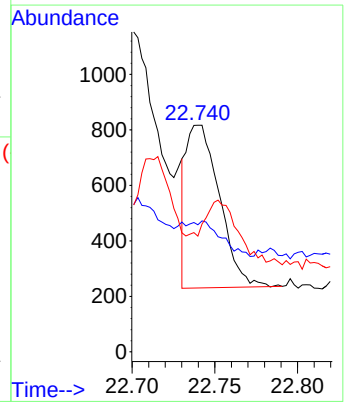




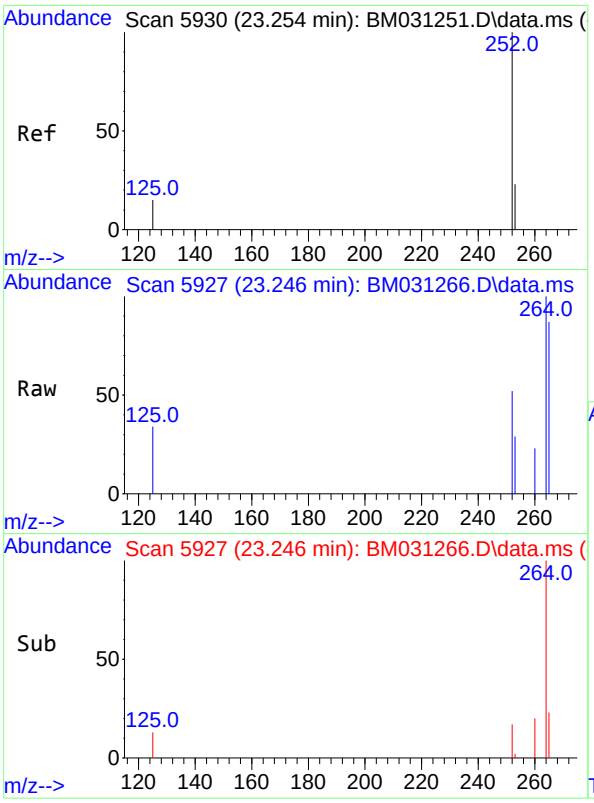
#25
Benzo(k)fluoranthene
Concen: 0.034 ng/ul
RT: 22.740 min Scan# 5718
Delta R.T. -0.007 min
Lab File: BM031266.D
Acq: 30 Jul 2021 01:57

Tgt Ion:252 Resp: 815

Ion	Ratio	Lower	Upper
252	100		
253	56.1	21.3	31.9#
125	51.0	8.8	13.2#



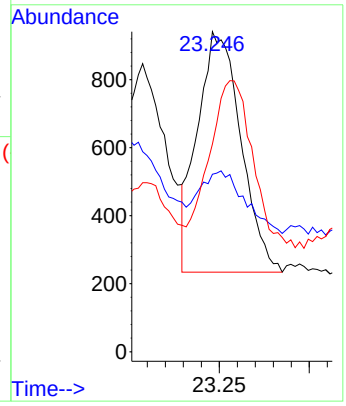
Instrument :
BNA_M
ClientSampleId :
C0032

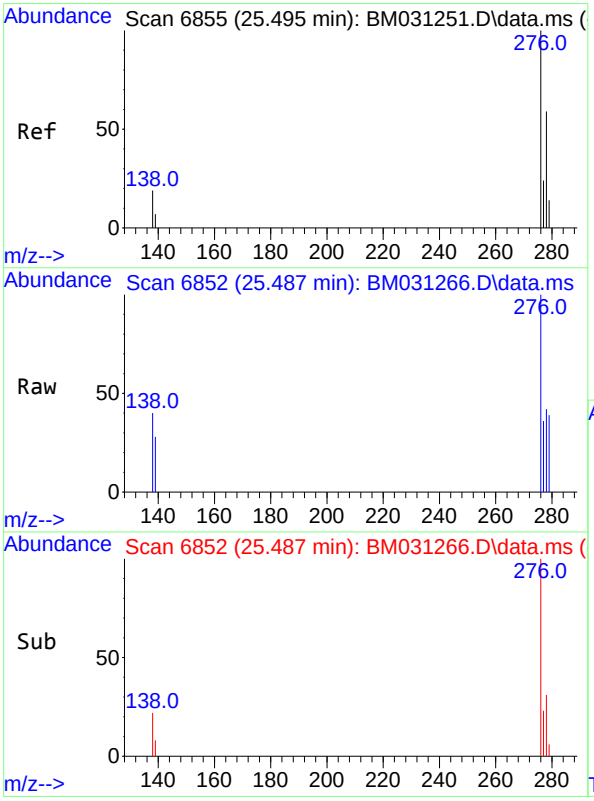


#26
Benzo(a)pyrene
Concen: 0.058 ng/ul
RT: 23.246 min Scan# 5927
Delta R.T. -0.010 min
Lab File: BM031266.D
Acq: 30 Jul 2021 01:57

Tgt Ion:252 Resp: 1185

Ion	Ratio	Lower	Upper
252	100		
253	55.5	22.4	33.6#
125	64.9	13.0	19.4#

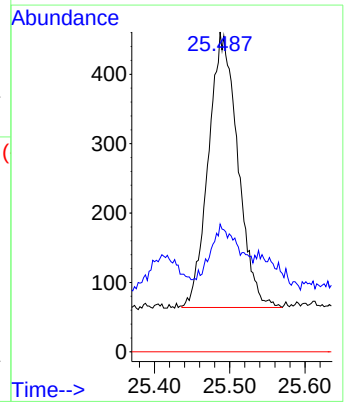




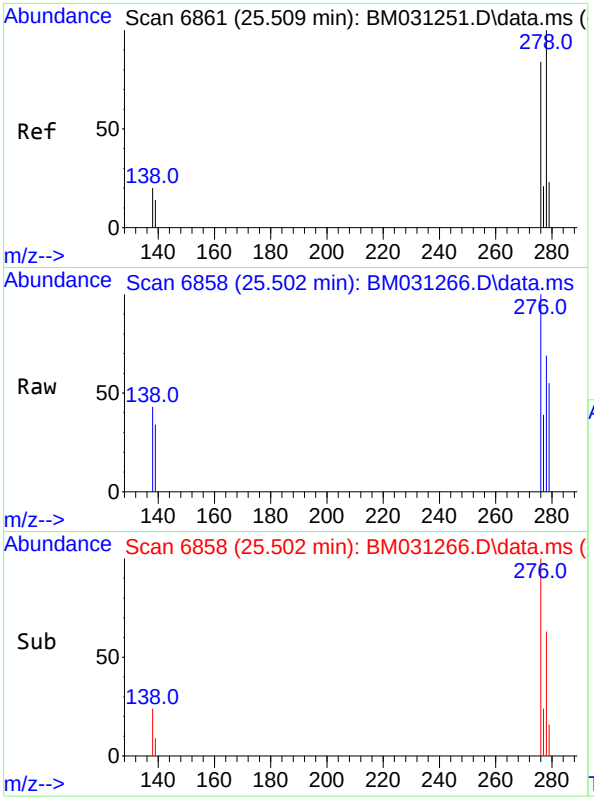
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.041 ng/ul
RT: 25.487 min Scan# 6852
Delta R.T. -0.010 min
Lab File: BM031266.D
Acq: 30 Jul 2021 01:57

Tgt Ion:276 Resp: 1073

Ion	Ratio	Lower	Upper
276	100		
138	32.2	15.8	23.8#
227	0.0	0.0	0.0



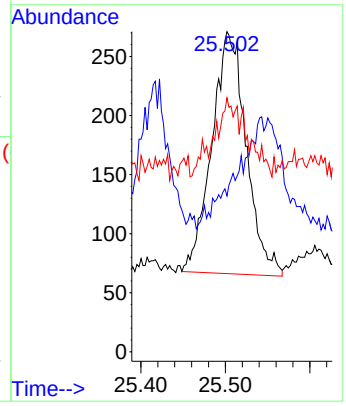
Instrument :
BNA_M
ClientSampleId :
C0032

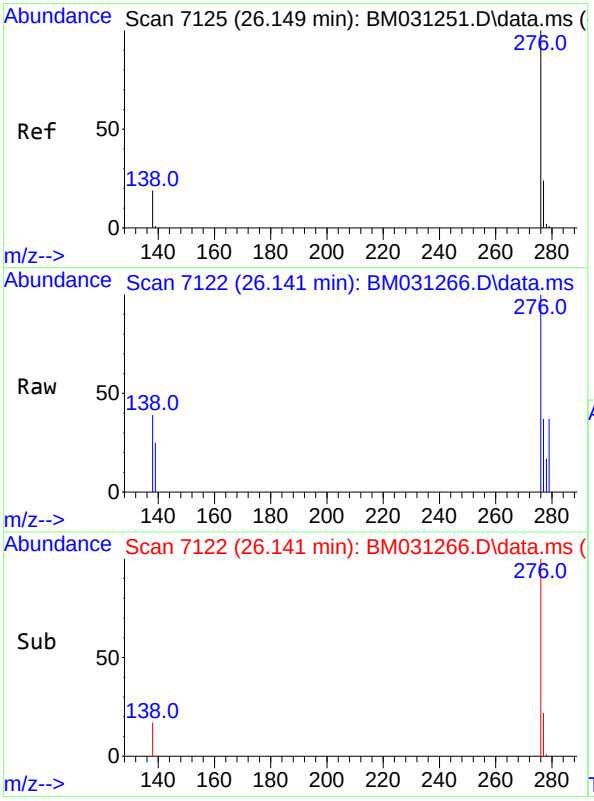


#28
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul
RT: 25.502 min Scan# 6858
Delta R.T. -0.012 min
Lab File: BM031266.D
Acq: 30 Jul 2021 01:57

Tgt Ion:278 Resp: 581

Ion	Ratio	Lower	Upper
278	100		
139	48.7	13.3	19.9#
279	79.3	22.8	34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.045 ng/ul
RT: 26.141 min Scan# 7122
Delta R.T. -0.007 min
Lab File: BM031266.D
Acq: 30 Jul 2021 01:57

Tgt Ion:276 Resp: 1006

Ion	Ratio	Lower	Upper
276	100		
138	38.7	15.4	23.2#
277	37.2	19.9	29.9#