Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
Data File : BM041993.D
Acq On : 22 Sep 2023 18:50
Operator : MA/JU
Sample : 04378-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHX6

Quant Time: Sep 23 02:39:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	7524	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	18771	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	9232	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	17179	0.400	ng/ul	0.00
17) Chrysene-d12	21.524	240	6845	0.400	ng/ul	0.00
23) Perylene-d12	23.936	264	6847	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	42618	4.157	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	7088	0.302	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	11606	0.412	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	1159	0.107	ng/ul#	80
15) Phenanthrene	17.392	178	1791	0.022	ng/ul#	85
19) Fluoranthene	19.403	202	4004	0.052	ng/ul	95
20) Pyrene	19.771	202	3144	0.041	ng/ul#	88
21) Benzo(a)anthracene	21.507	228	1678	0.032	ng/ul#	86
22) Chrysene	21.562	228	1673	0.031	ng/ul#	89
24) Benzo(b)fluoranthene	23.193	252	2247	0.043	ng/ul#	28
25) Benzo(k)fluoranthene	23.240	252	1256	0.025	ng/ul#	1
26) Benzo(a)pyrene	23.781	252	6164	0.142	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	26.428	276	1216	0.020	ng/ul#	93
29) Benzo(g,h,i)perylene	27.206	276	1130	0.023	ng/ul#	62

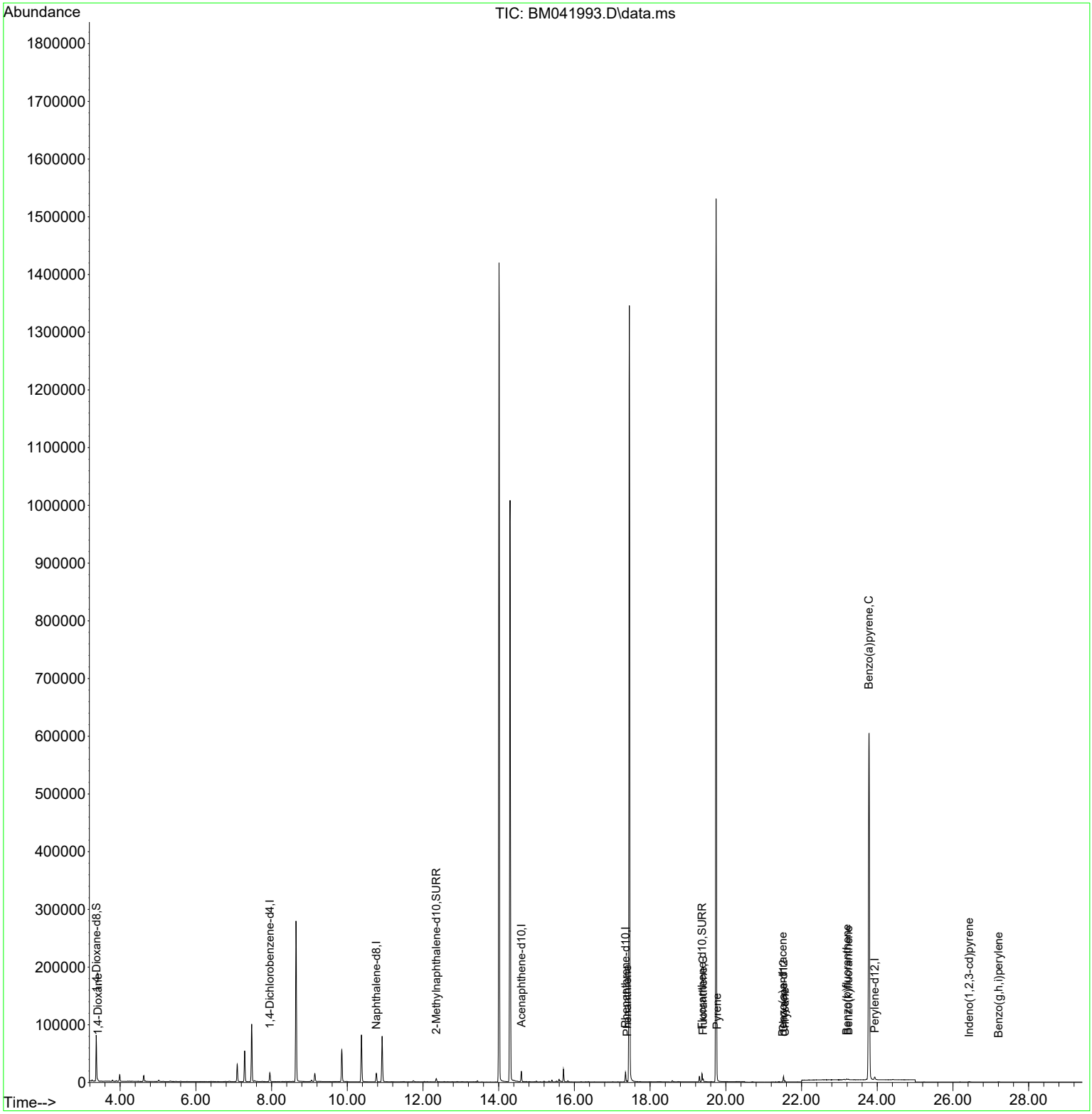
(#) = qualifier out of range (m) = manual integration (+) = signals summed

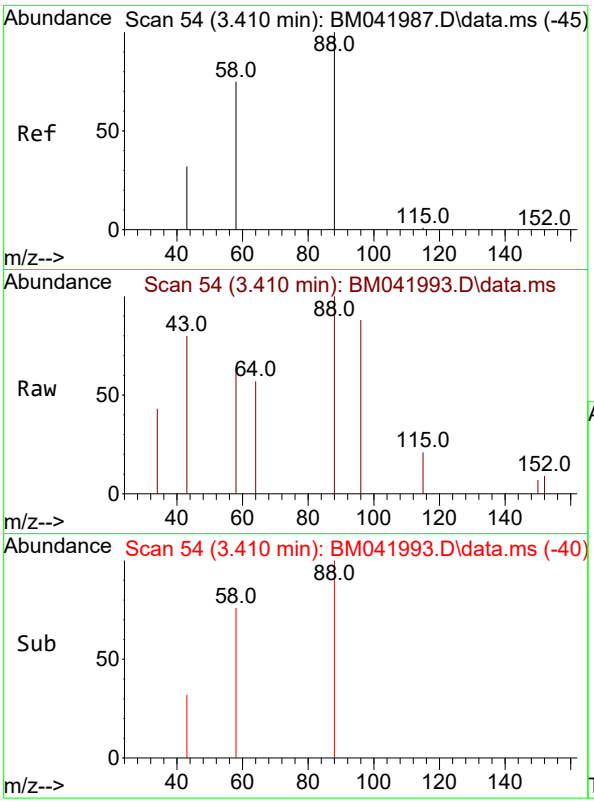
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
Data File : BM041993.D
Acq On : 22 Sep 2023 18:50
Operator : MA/JU
Sample : 04378-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHX6

Quant Time: Sep 23 02:39:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration



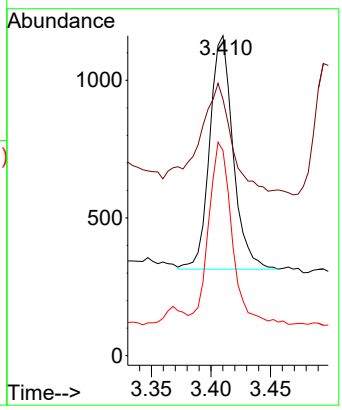


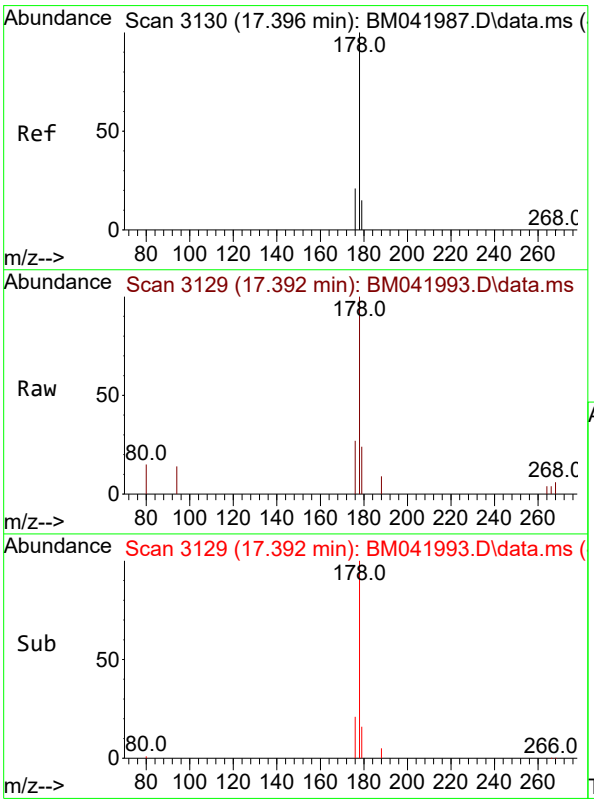
#2
1,4-Dioxane
Concen: 0.107 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. 0.000 min
Lab File: BM041993.D
Acq: 22 Sep 2023 18:50

Instrument :
BNA_M
ClientSampleId :
BBHX6

Tgt Ion: 88 Resp: 1159

Ion	Ratio	Lower	Upper
88	100		
43	80.1	42.9	64.3#
58	64.1	56.4	84.6

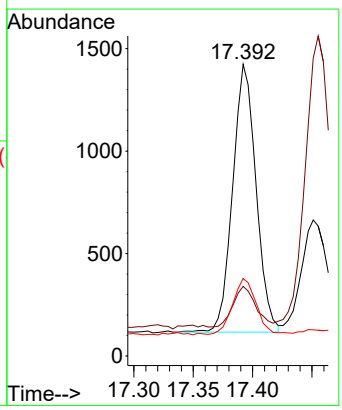


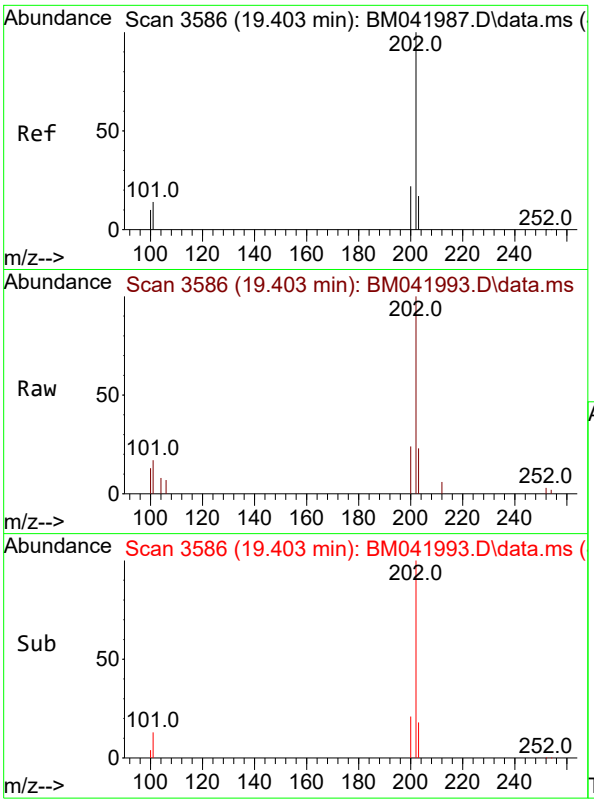


#15
Phenanthrene
Concen: 0.022 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM041993.D
Acq: 22 Sep 2023 18:50

Tgt Ion:178 Resp: 1791

Ion	Ratio	Lower	Upper
178	100		
179	23.9	12.7	19.1#
176	26.5	16.6	24.8#



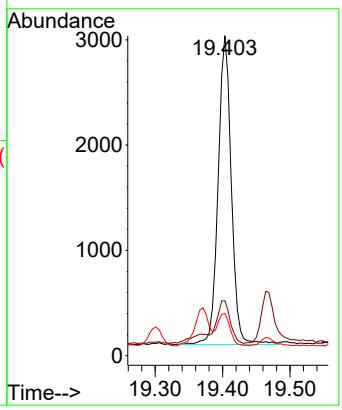


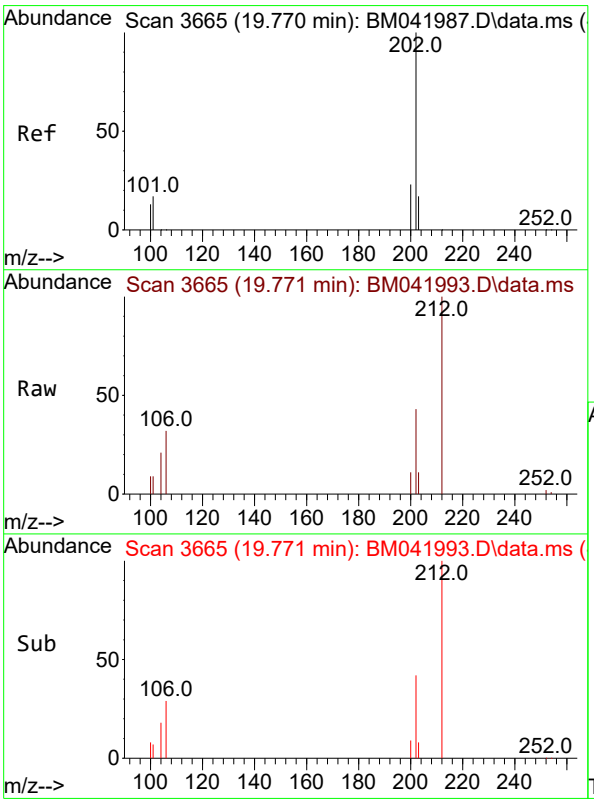
#19
Fluoranthene
Concen: 0.052 ng/ul
RT: 19.403 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041993.D
Acq: 22 Sep 2023 18:50

Instrument :
BNA_M
ClientSampleId :
BBHX6

Tgt Ion:202 Resp: 4004

Ion	Ratio	Lower	Upper
202	100		
101	17.1	11.8	17.6
100	13.2	9.1	13.7

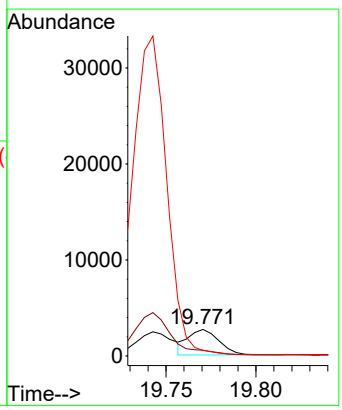


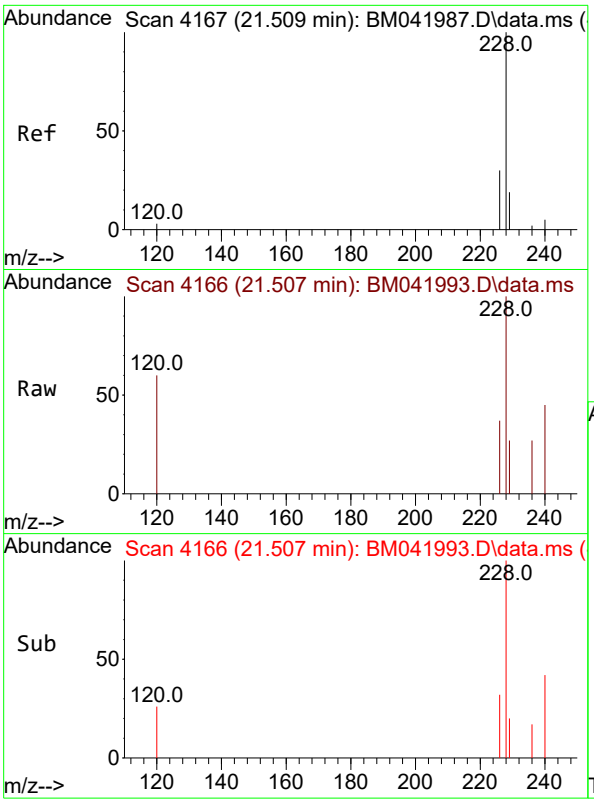


#20
Pyrene
Concen: 0.041 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BM041993.D
Acq: 22 Sep 2023 18:50

Tgt Ion:202 Resp: 3144

Ion	Ratio	Lower	Upper
202	100		
101	21.5	14.1	21.1#
100	20.8	11.4	17.0#





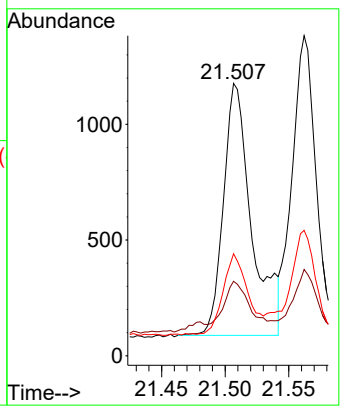
#21
Benzo(a)anthracene
Concen: 0.032 ng/ul
RT: 21.507 min Scan# 4

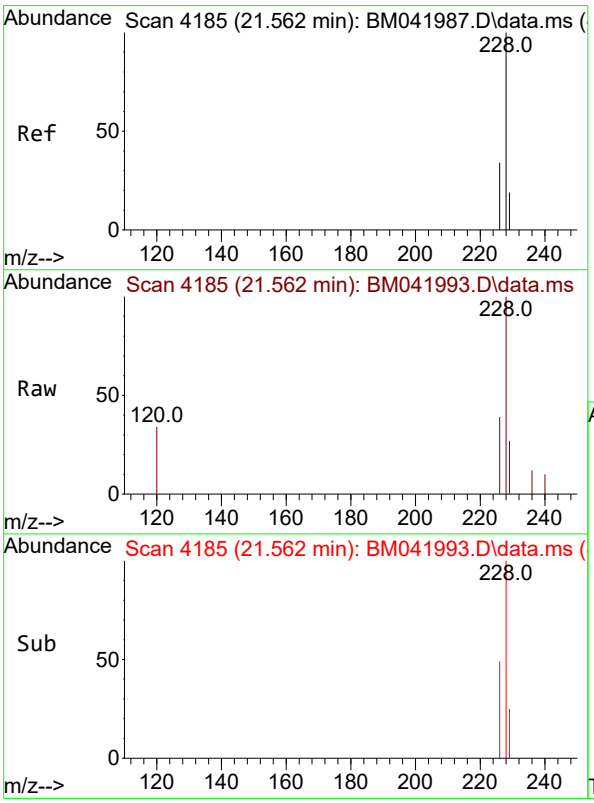
Instrument :
BNA_M
ClientSampleId :
BBHX6

Delta R.T. 0.000 min
Lab File: BM041993.D
Acq: 22 Sep 2023 18:50

Tgt Ion:228 Resp: 1678

Ion	Ratio	Lower	Upper
228	100		
229	27.4	15.5	23.3#
226	37.5	24.8	37.2#

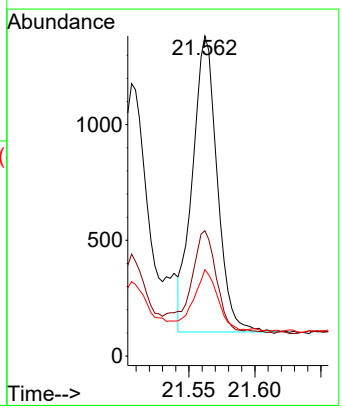


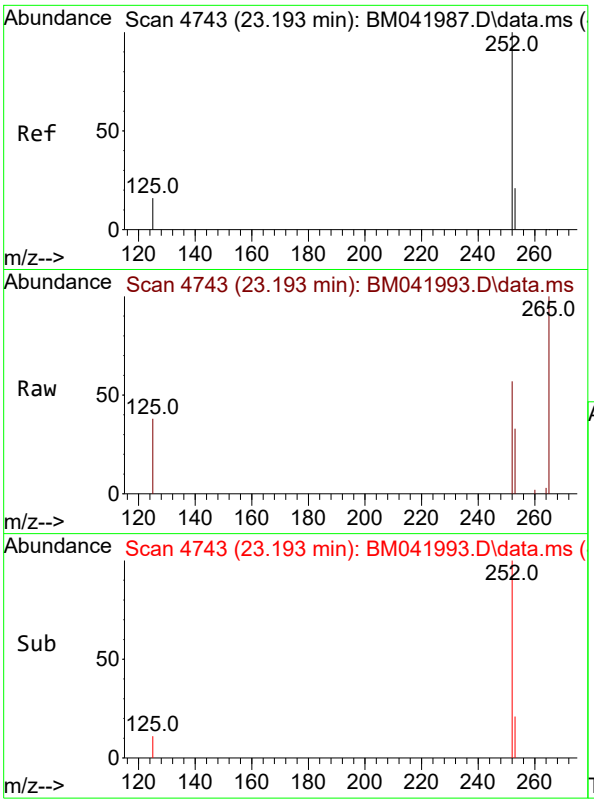


#22
Chrysene
Concen: 0.031 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. 0.000 min
Lab File: BM041993.D
Acq: 22 Sep 2023 18:50

Tgt Ion:228 Resp: 1673

Ion	Ratio	Lower	Upper
228	100		
226	39.2	27.8	41.6
229	27.0	15.6	23.4#



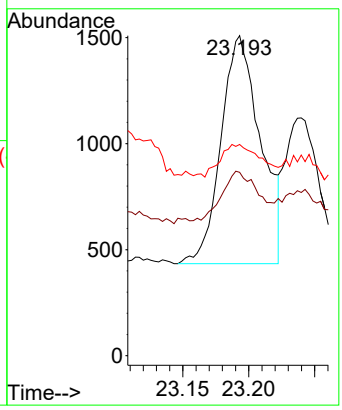


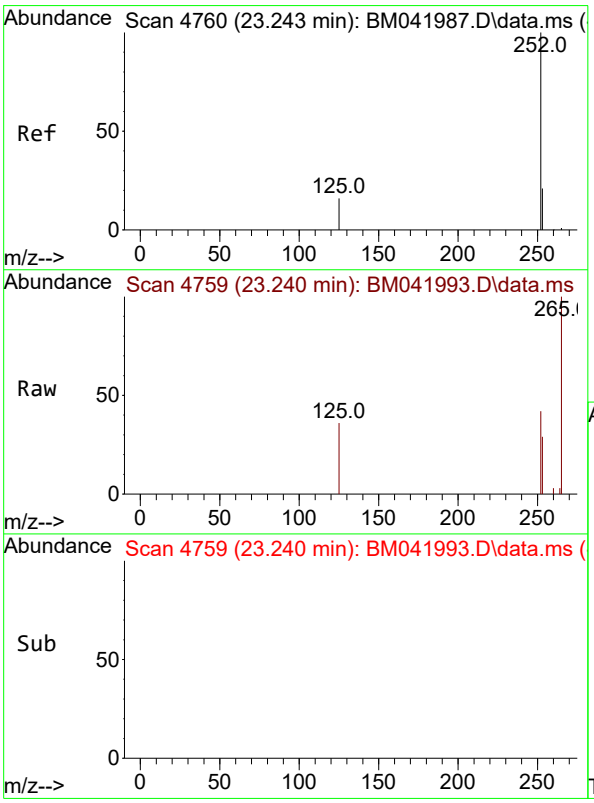
#24
Benzo(b)fluoranthene
Concen: 0.043 ng/ul
RT: 23.193 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM041993.D
Acq: 22 Sep 2023 18:50

Instrument :
BNA_M
ClientSampleId :
BBHX6

Tgt Ion:252 Resp: 2247

Ion	Ratio	Lower	Upper
252	100		
253	57.3	0.0	54.4#
125	66.0	0.0	46.2#

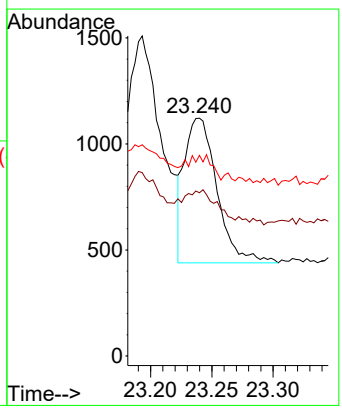


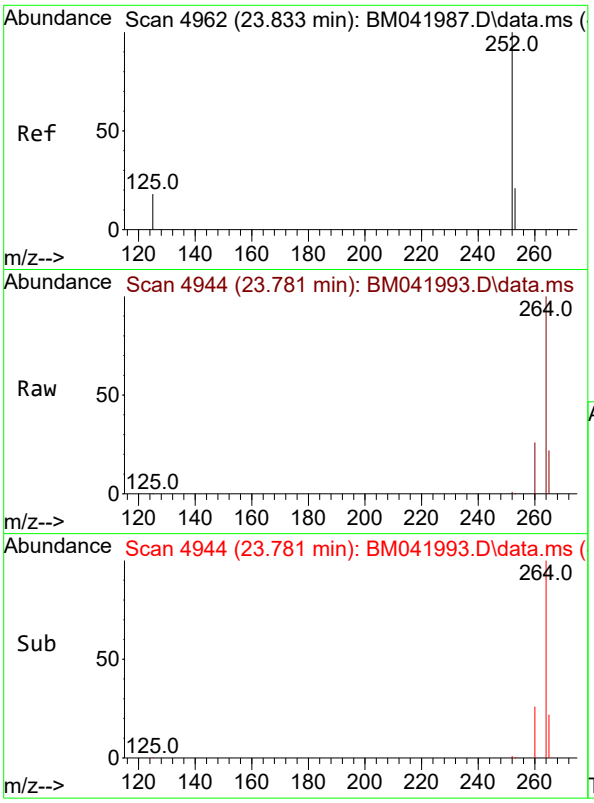


#25
Benzo(k)fluoranthene
Concen: 0.025 ng/ul
RT: 23.240 min Scan# 4759
Delta R.T. 0.000 min
Lab File: BM041993.D
Acq: 22 Sep 2023 18:50

Tgt Ion:252 Resp: 1256

Ion	Ratio	Lower	Upper
252	100		
253	68.7	21.0	31.6#
125	84.4	19.0	28.6#



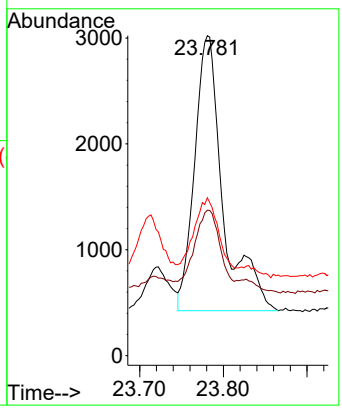


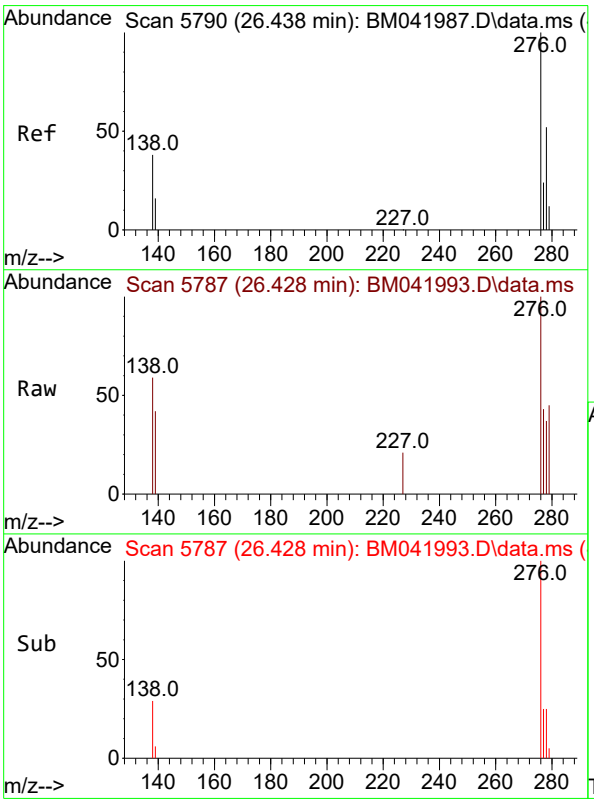
#26
Benzo(a)pyrene
Concen: 0.142 ng/ul
RT: 23.781 min Scan# 4
Delta R.T. -0.047 min
Lab File: BM041993.D
Acq: 22 Sep 2023 18:50

Instrument :
BNA_M
ClientSampleId :
BBHX6

Tgt Ion:252 Resp: 6164

Ion	Ratio	Lower	Upper
252	100		
253	45.5	23.2	34.8#
125	49.3	22.5	33.7#

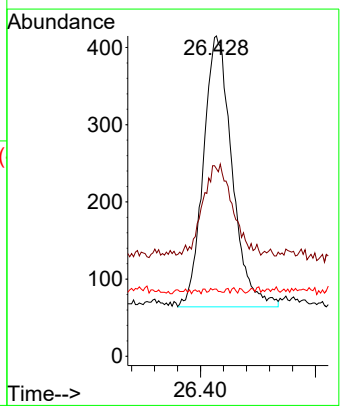


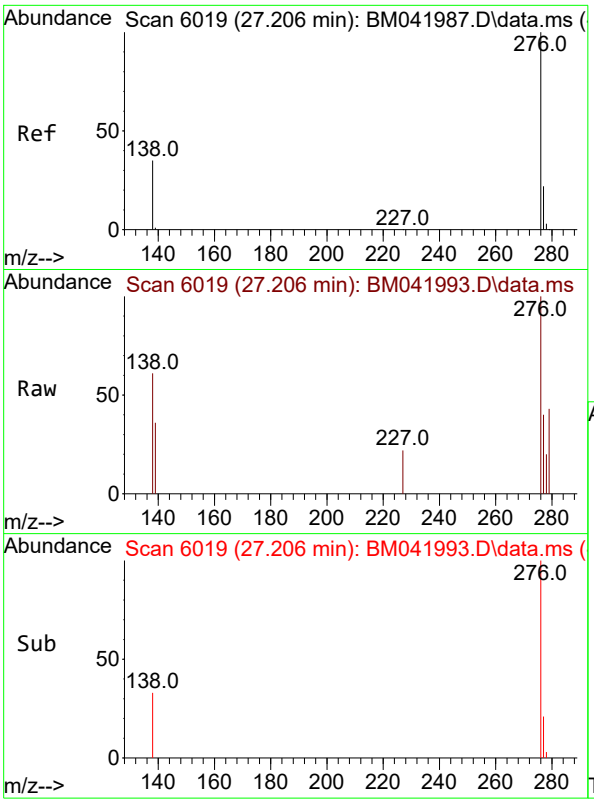


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng/ul
RT: 26.428 min Scan# 5787
Delta R.T. -0.003 min
Lab File: BM041993.D
Acq: 22 Sep 2023 18:50

Tgt Ion:276 Resp: 1216

Ion	Ratio	Lower	Upper
276	100		
138	35.9	32.1	48.1
227	0.3	0.2	0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul
RT: 27.206 min Scan# 6
Delta R.T. -0.003 min
Lab File: BM041993.D
Acq: 22 Sep 2023 18:50

Instrument :
BNA_M
ClientSampleId :
BBHX6

Tgt Ion:276 Resp: 1130

Ion	Ratio	Lower	Upper
276	100		
138	60.6	29.0	43.4#
277	40.4	19.6	29.4#