Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
Data File : BM039360.D
Acq On : 07 Apr 2023 19:19
Operator : CG/JU
Sample : 02115-03DL 5X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB9C1DL

Quant Time: Apr 07 23:14:31 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 07 23:05:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	5431	0.400	ng/ul	0.00
4) Naphthalene-d8	10.687	136	20729	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.528	164	12231	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.279	188	23469	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	16688	0.400	ng/ul	0.00
23) Perylene-d12	23.852	264	13377	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	4242	0.422	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.298	152	810	0.034	ng/ul	0.01
18) Fluoranthene-d10	19.307	212	2017	0.039	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.317	178	11748	0.180	ng/ul	99
16) Anthracene	17.410	178	1931	0.039	ng/ul#	80
19) Fluoranthene	19.334	202	28907	0.418	ng/ul	99
20) Pyrene	19.697	202	17481	0.221	ng/ul	96
21) Benzo(a)anthracene	21.452	228	9905	0.257	ng/ul	97
22) Chrysene	21.504	228	9974	0.211	ng/ul	96
24) Benzo(b)fluoranthene	23.130	252	13454	0.317	ng/ul	83
26) Benzo(a)pyrene	23.743	252	2814	0.066	ng/ul#	21
27) Indeno(1,2,3-cd)pyrene	26.332	276	2840	0.053	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.335	278	1114	0.030	ng/ul#	1

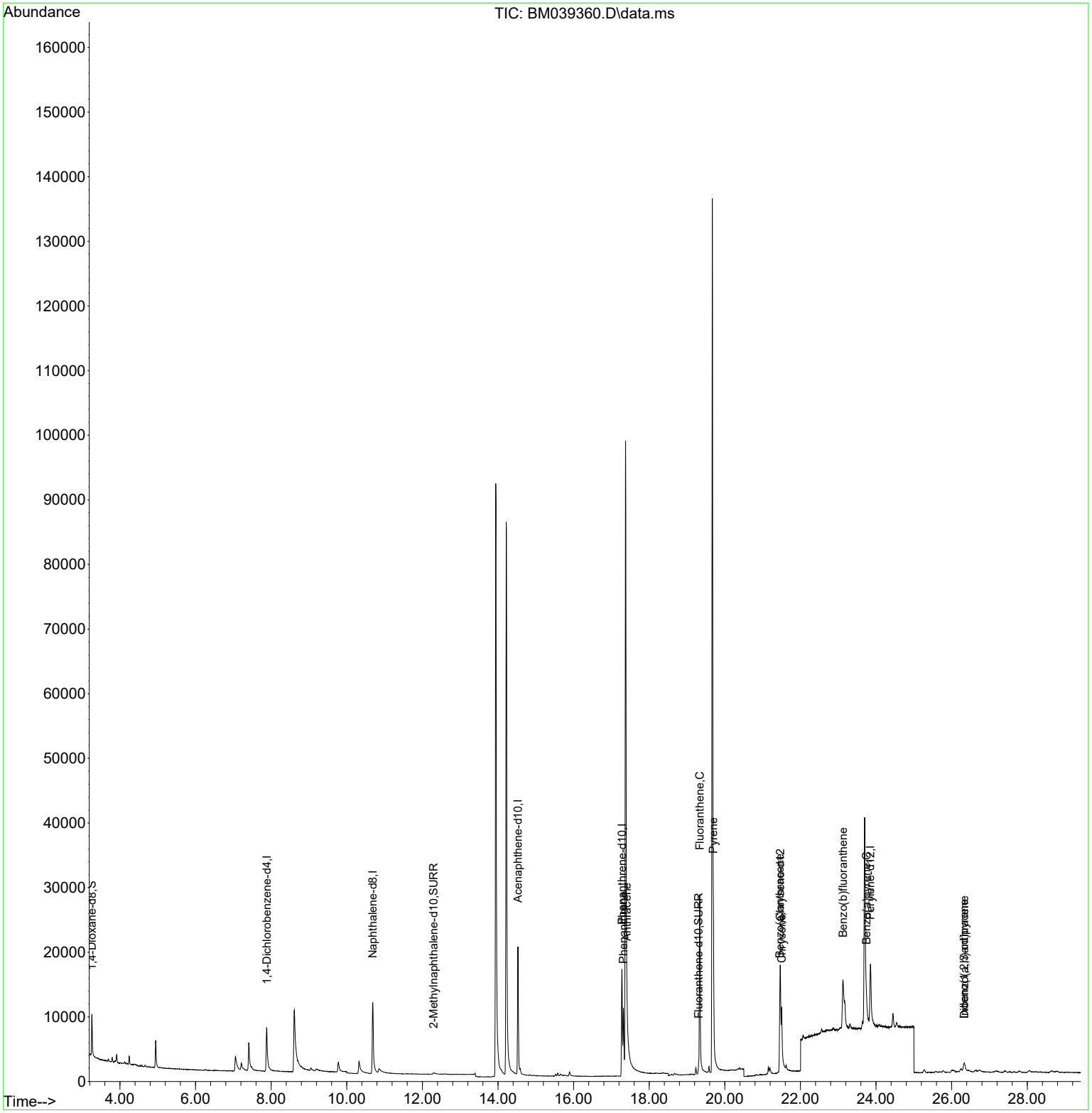
(#) = qualifier out of range (m) = manual integration (+) = signals summed

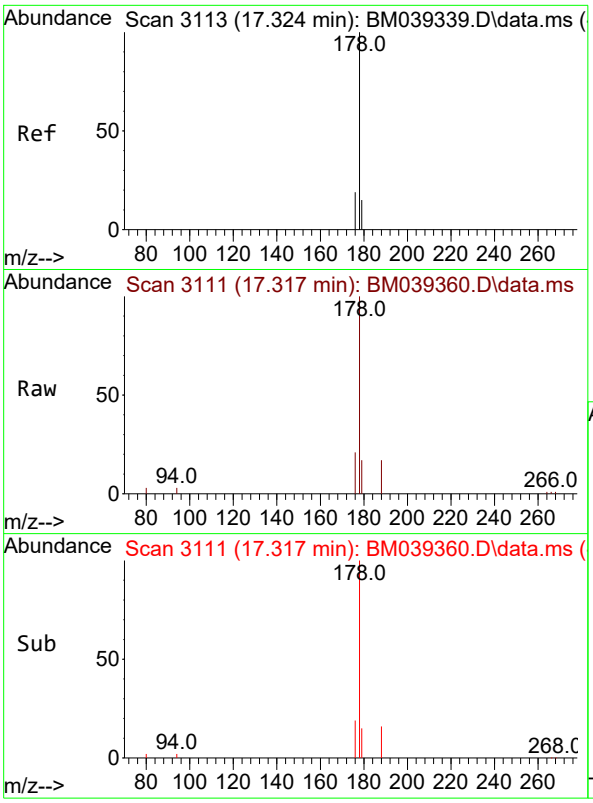
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
Data File : BM039360.D
Acq On : 07 Apr 2023 19:19
Operator : CG/JU
Sample : 02115-03DL 5X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB9C1DL

Quant Time: Apr 07 23:14:31 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 07 23:05:01 2023
Response via : Initial Calibration



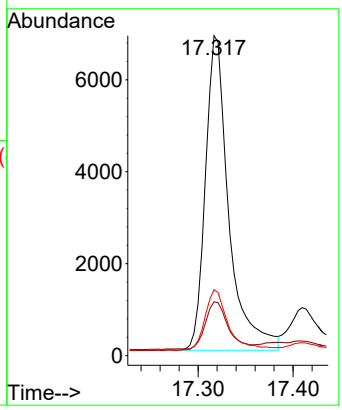


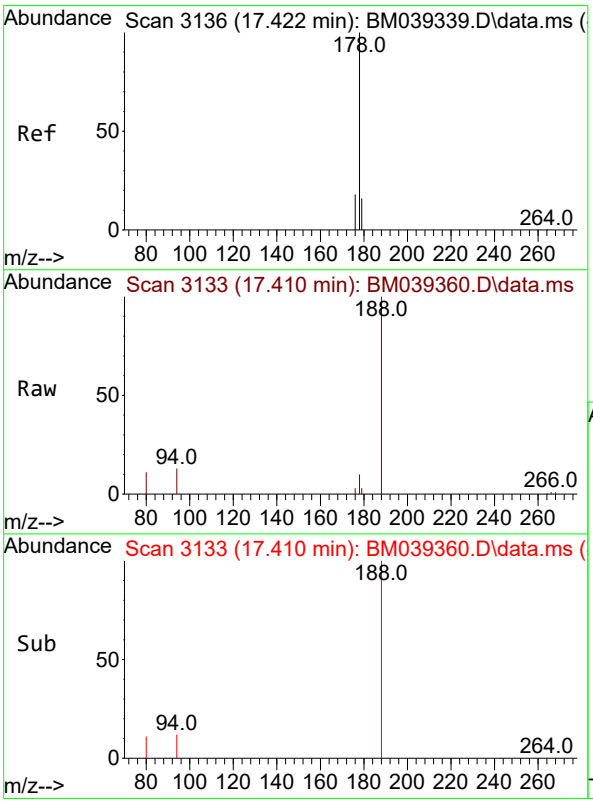
#15
Phenanthrene
Concen: 0.180 ng/ul
RT: 17.317 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM039360.D
Acq: 07 Apr 2023 19:19

Instrument :
BNA_M
ClientSampleId :
CB9C1DL

Tgt Ion:178 Resp: 11748

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.4	20.2
176	20.6	15.8	23.6

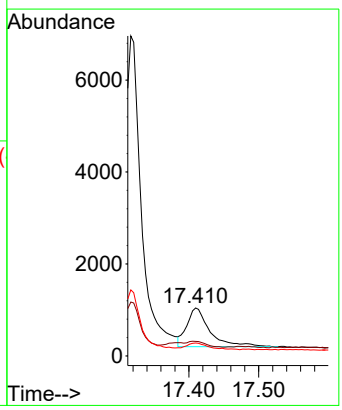


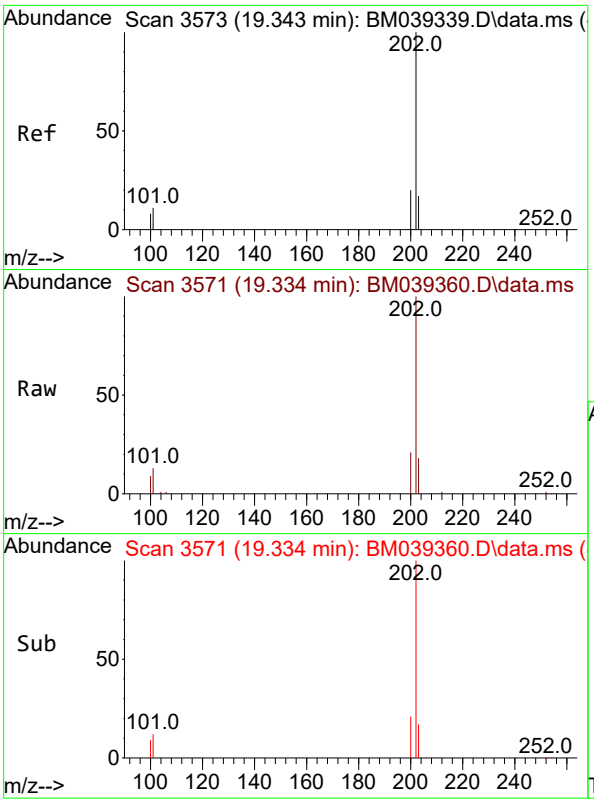


#16
Anthracene
Concen: 0.039 ng/ul
RT: 17.410 min Scan# 3133
Delta R.T. -0.008 min
Lab File: BM039360.D
Acq: 07 Apr 2023 19:19

Tgt Ion:178 Resp: 1931

Ion	Ratio	Lower	Upper
178	100		
179	30.5	14.6	21.8#
176	26.9	16.6	24.8#



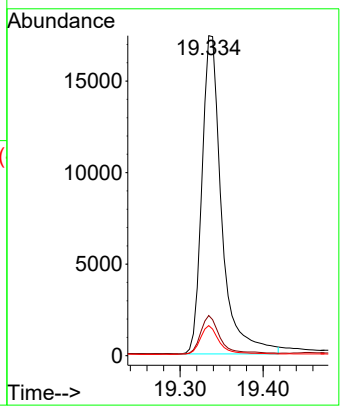


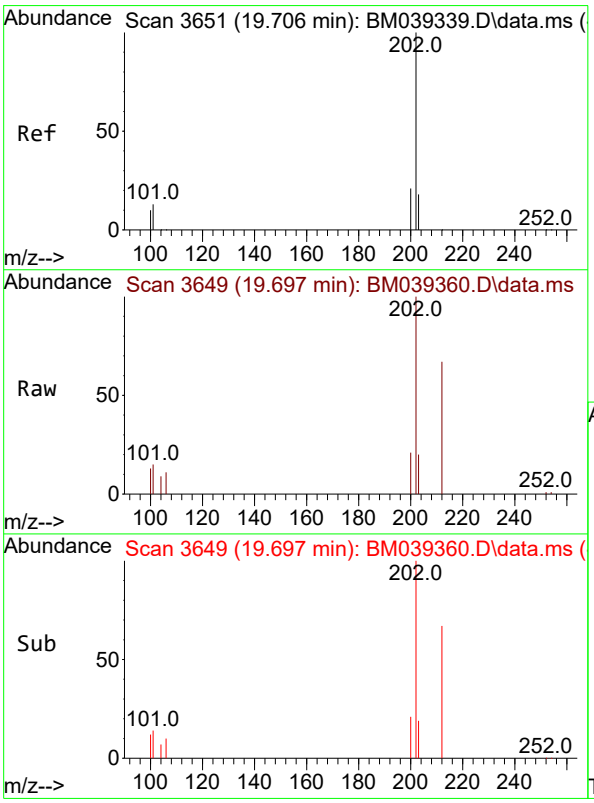
#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.334 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM039360.D
Acq: 07 Apr 2023 19:19

Instrument :
BNA_M
ClientSampleId :
CB9C1DL

Tgt Ion:202 Resp: 28907

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.7	14.5
100	9.4	7.4	11.0

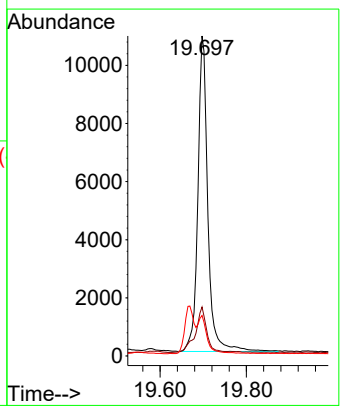


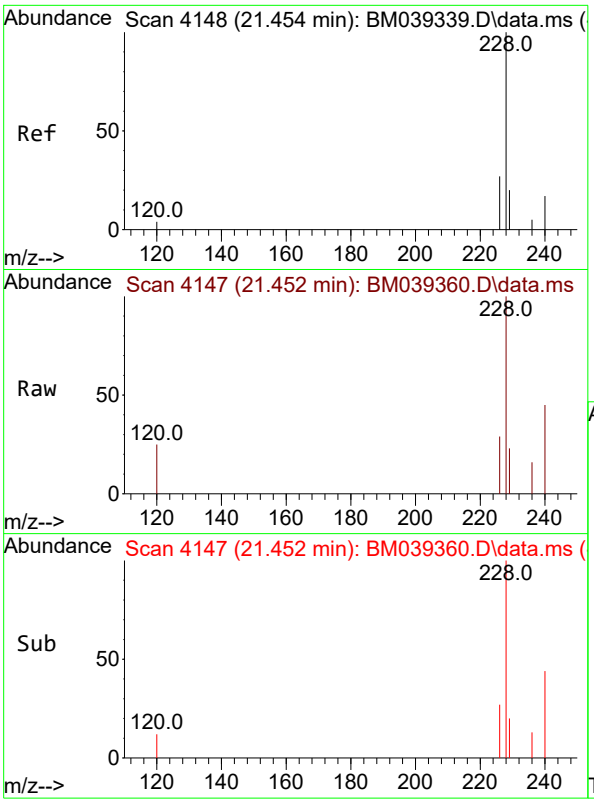


#20
Pyrene
Concen: 0.221 ng/ul
RT: 19.697 min Scan# 3649
Delta R.T. -0.004 min
Lab File: BM039360.D
Acq: 07 Apr 2023 19:19

Tgt Ion:202 Resp: 17481

Ion	Ratio	Lower	Upper
202	100		
101	15.3	11.1	16.7
100	12.7	8.8	13.2



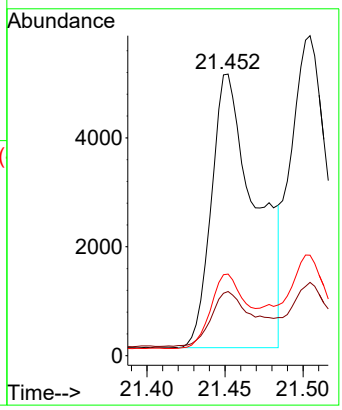


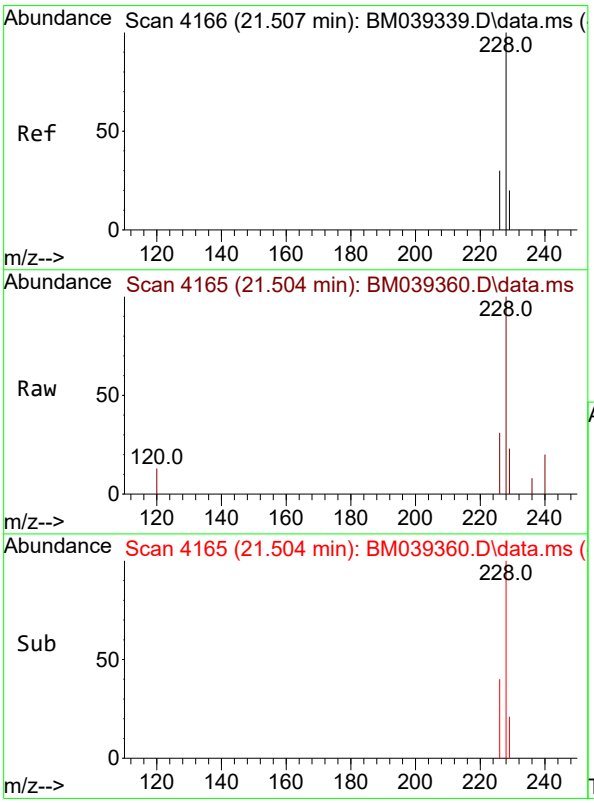
#21
Benzo(a)anthracene
Concen: 0.257 ng/ul
RT: 21.452 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM039360.D
Acq: 07 Apr 2023 19:19

Instrument :
BNA_M
ClientSampleId :
CB9C1DL

Tgt Ion:228 Resp: 9905

Ion	Ratio	Lower	Upper
228	100		
229	22.8	16.6	24.8
226	29.0	22.6	34.0

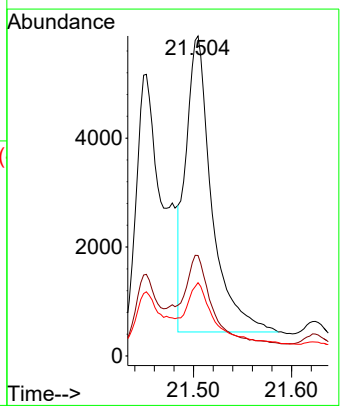


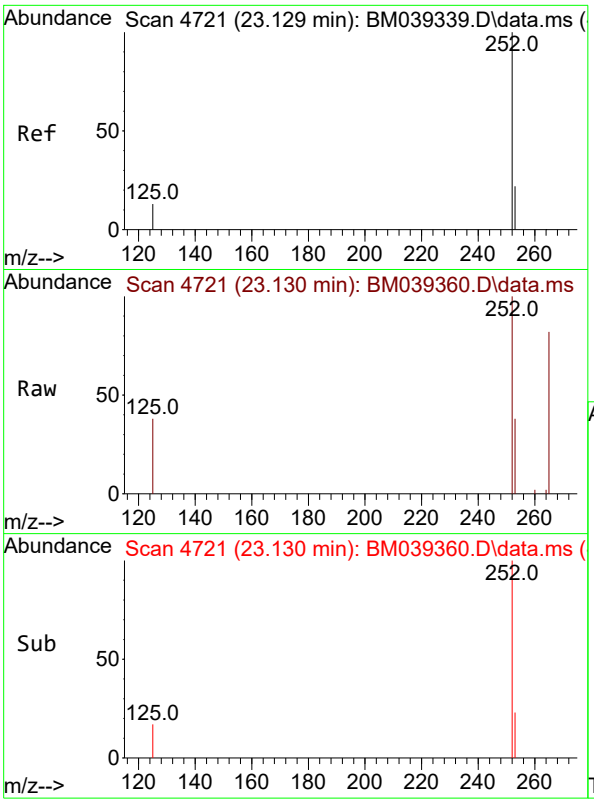


#22
Chrysene
Concen: 0.211 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. 0.001 min
Lab File: BM039360.D
Acq: 07 Apr 2023 19:19

Tgt Ion:228 Resp: 9974

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.2	36.2
229	22.9	16.2	24.4



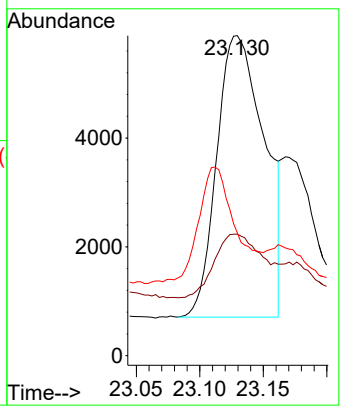


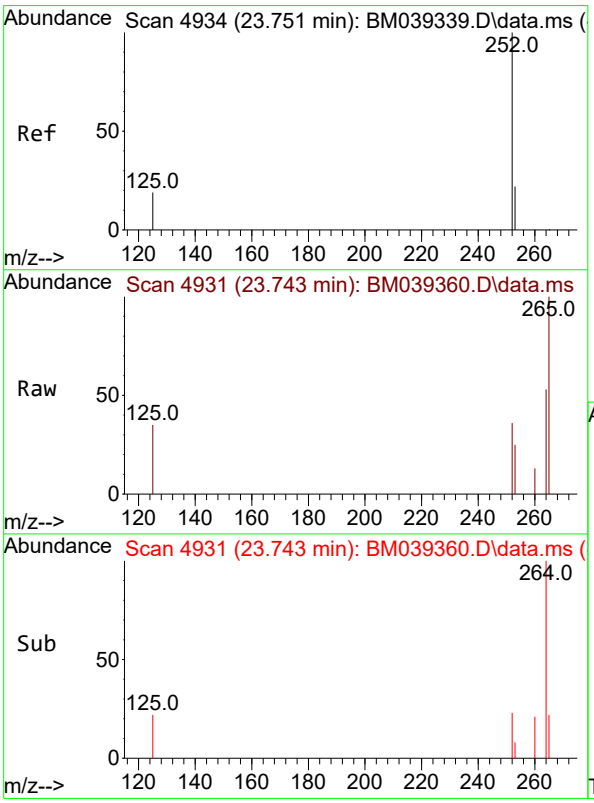
#24
Benzo(b)fluoranthene
Concen: 0.317 ng/ul
RT: 23.130 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM039360.D
Acq: 07 Apr 2023 19:19

Instrument :
BNA_M
ClientSampleId :
CB9C1DL

Tgt Ion:252 Resp: 13454

Ion	Ratio	Lower	Upper
252	100		
253	38.0	0.0	64.4
125	38.3	0.0	50.4

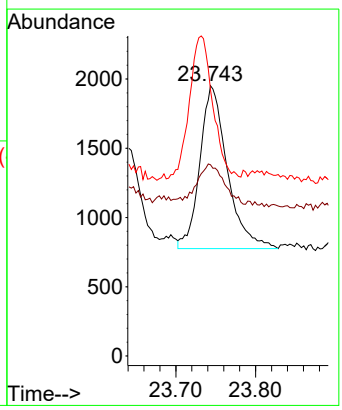


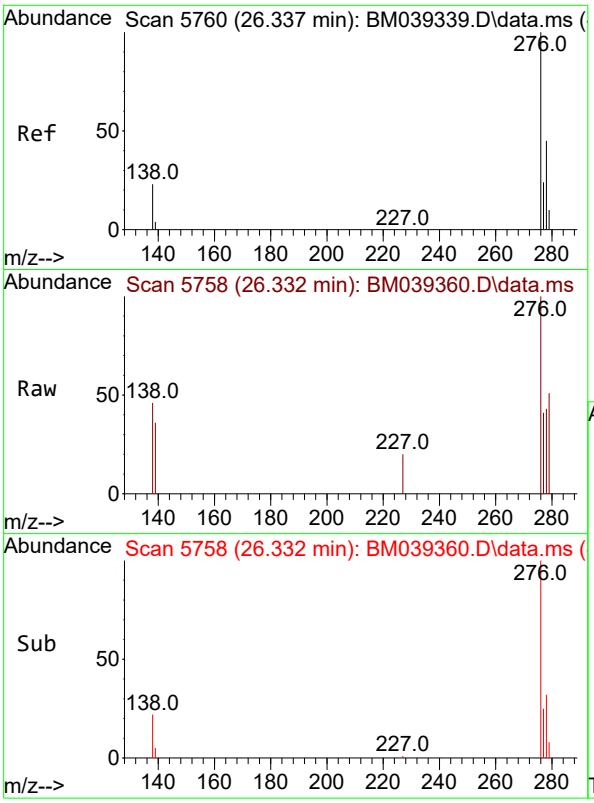


#26
Benzo(a)pyrene
Concen: 0.066 ng/ul
RT: 23.743 min Scan# 4931
Delta R.T. -0.005 min
Lab File: BM039360.D
Acq: 07 Apr 2023 19:19

Tgt Ion:252 Resp: 2814

Ion	Ratio	Lower	Upper
252	100		
253	70.7	31.0	46.4#
125	98.4	28.2	42.4#



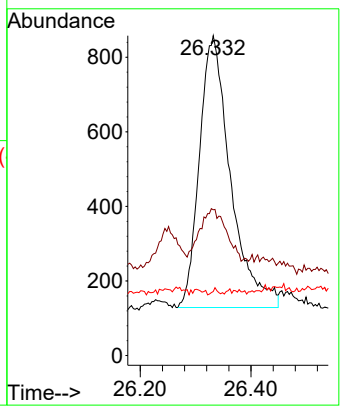


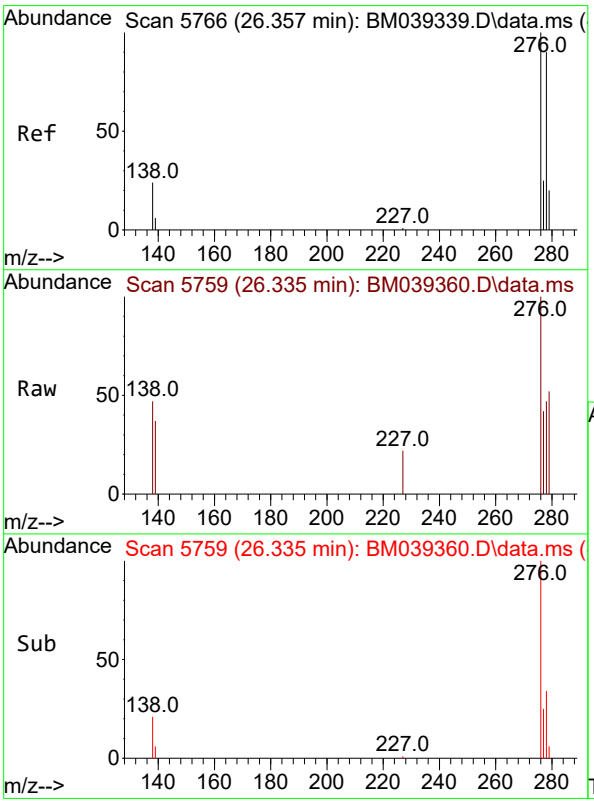
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.053 ng/ul
RT: 26.332 min Scan# 5
Delta R.T. -0.006 min
Lab File: BM039360.D
Acq: 07 Apr 2023 19:19

Instrument :
BNA_M
ClientSampleId :
CB9C1DL

Tgt Ion:276 Resp: 2840

Ion	Ratio	Lower	Upper
276	100		
138	17.7	21.4	32.0#
227	0.3	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul
RT: 26.335 min Scan# 5759
Delta R.T. -0.019 min
Lab File: BM039360.D
Acq: 07 Apr 2023 19:19

Tgt Ion:278 Resp: 1114

Ion	Ratio	Lower	Upper
278	100		
139	77.9	21.8	32.6#
279	110.2	30.0	45.0#