Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
Data File : BM039345.D
Acq On : 07 Apr 2023 09:29
Operator : CG/JU
Sample : 02115-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB9C0

Quant Time: Apr 07 23:12:08 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

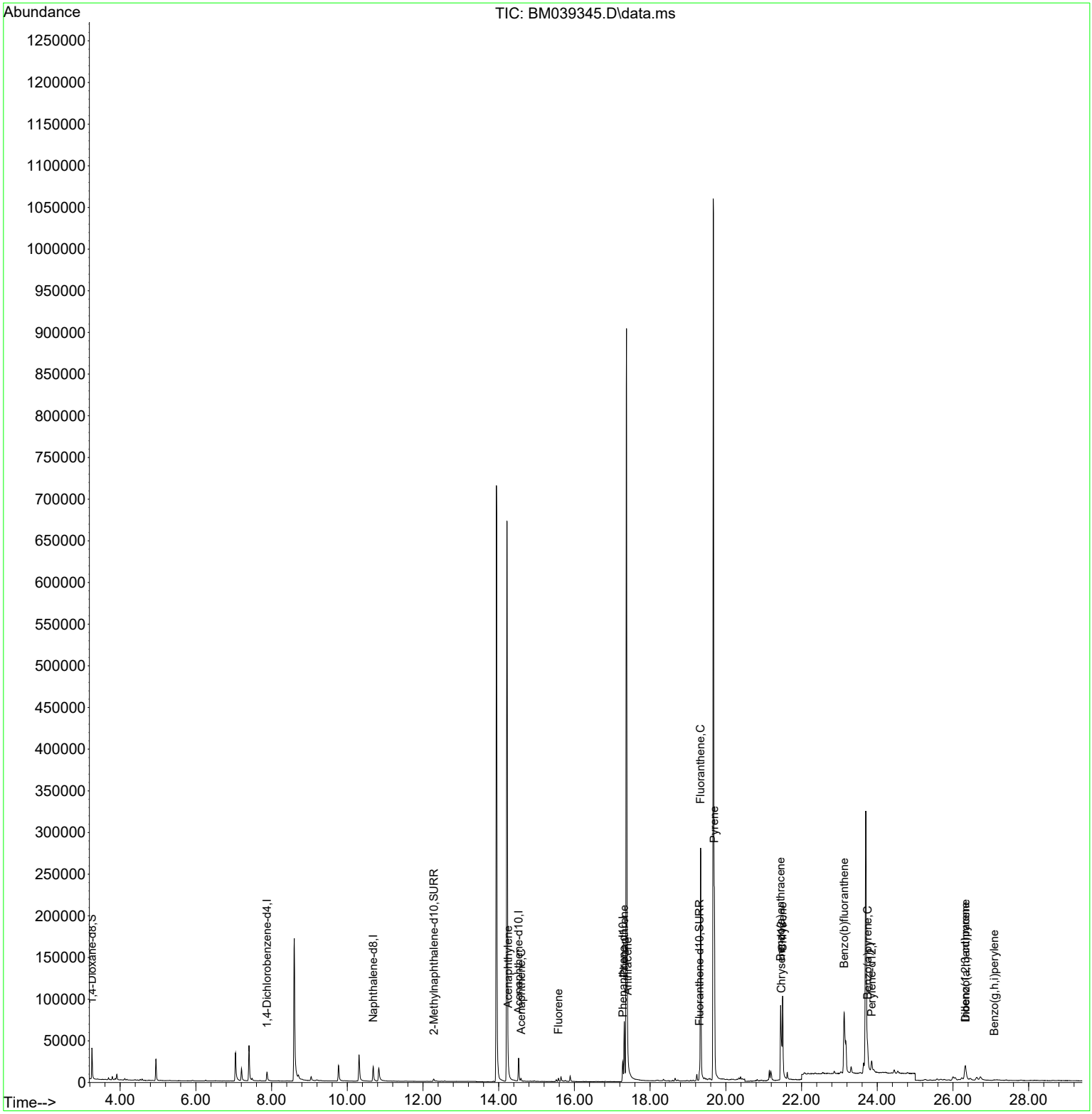
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	7094	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.686	136	26875	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.527	164	16202	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	31034	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	23182	0.400	ng/ul	# 0.00
23) Perylene-d12	23.851	264	19775	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	23160	1.763	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	5765	0.186	ng/ul	0.00
18) Fluoranthene-d10	19.306	212	13781	0.191	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	14.250	152	2523	0.040	ng/ul#	89
11) Acenaphthene	14.592	153	1974	0.040	ng/ul	97
12) Fluorene	15.577	166	2653	0.054	ng/ul#	98
15) Phenanthrene	17.316	178	84305	0.979	ng/ul	99
16) Anthracene	17.409	178	12835	0.196	ng/ul	98
19) Fluoranthene	19.334	202	260551	2.715	ng/ul	100
20) Pyrene	19.696	202	171199	1.556	ng/ul	98
21) Benzo(a)anthracene	21.448	228	96855	1.812	ng/ul	99
22) Chrysene	21.501	228	101930	1.555	ng/ul	99
24) Benzo(b)fluoranthene	23.126	252	132998	2.120	ng/ul	86
26) Benzo(a)pyrene	23.746	252	34181	0.541	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.327	276	32992	0.414	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.334	278	10629	0.191	ng/ul#	90
29) Benzo(g,h,i)perylene	27.092	276	1717	0.022	ng/ul#	19

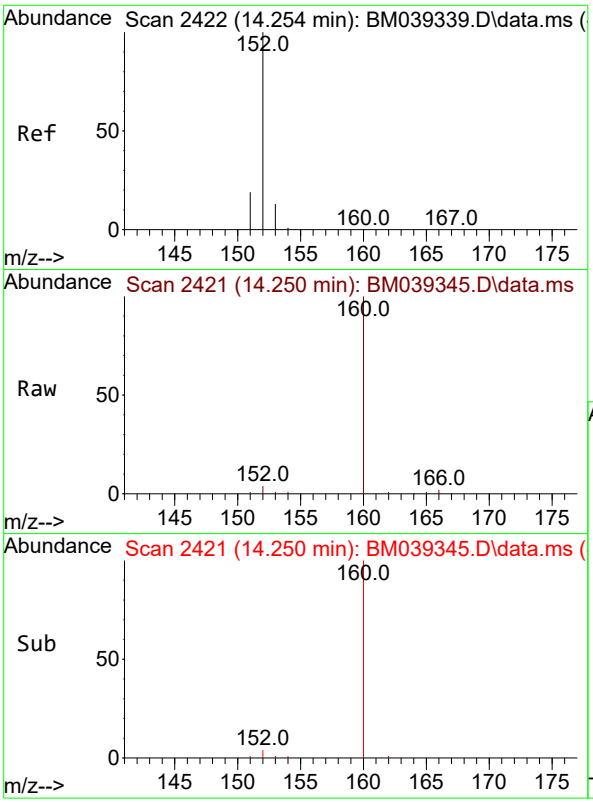
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
Data File : BM039345.D
Acq On : 07 Apr 2023 09:29
Operator : CG/JU
Sample : 02115-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB9C0

Quant Time: Apr 07 23:12:08 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



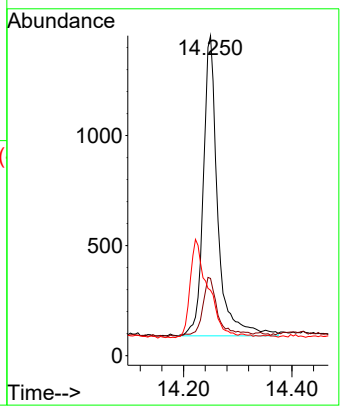


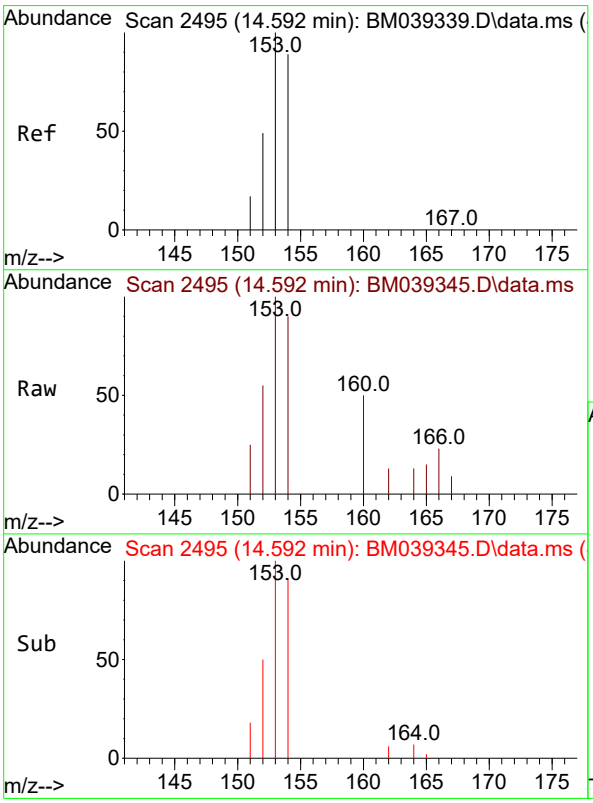
#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.250 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

Instrument :
BNA_M
ClientSampleId :
CB9C0

Tgt Ion:152 Resp: 2523

Ion	Ratio	Lower	Upper
152	100		
151	24.1	16.2	24.4
153	20.4	11.6	17.4#

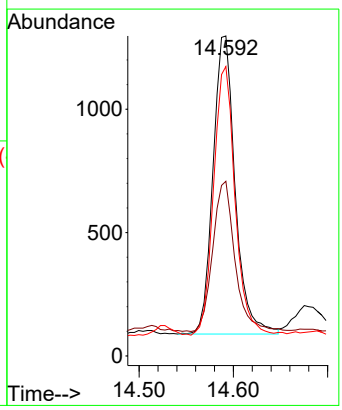


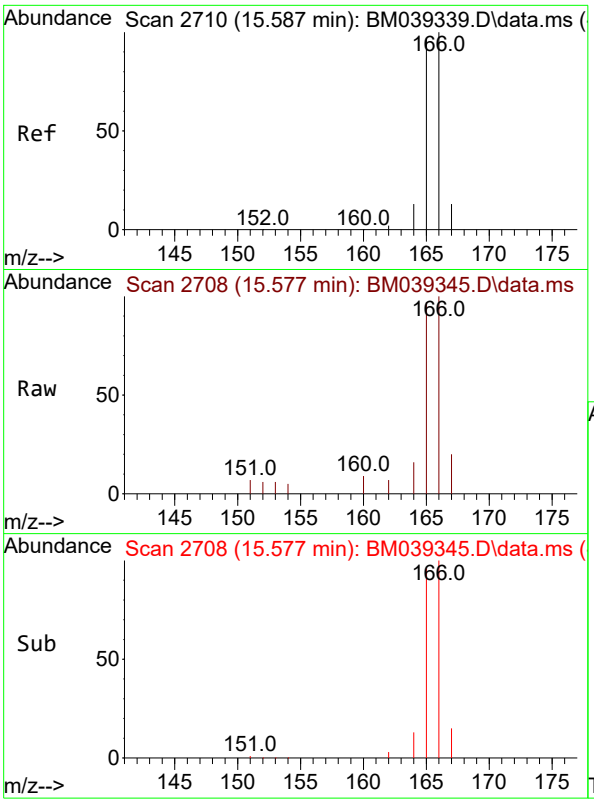


#11
Acenaphthene
Concen: 0.040 ng/ul
RT: 14.592 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

Tgt Ion:153 Resp: 1974

Ion	Ratio	Lower	Upper
153	100		
152	54.6	40.3	60.5
154	90.4	71.5	107.3



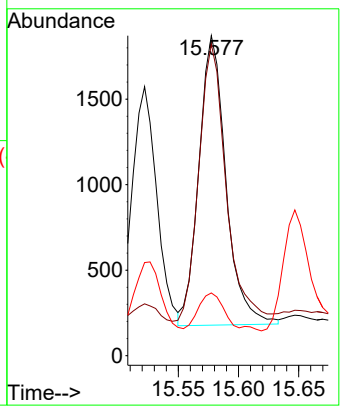


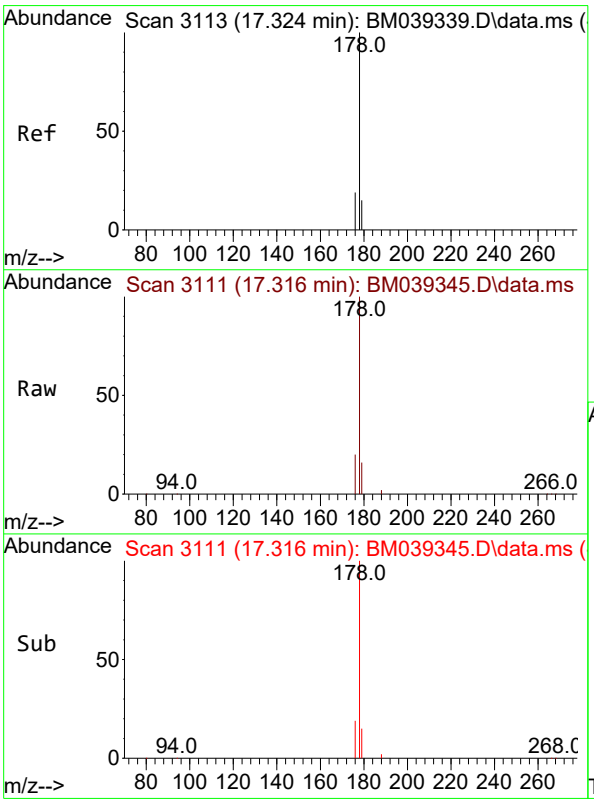
#12
Fluorene
Concen: 0.054 ng/ul
RT: 15.577 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

Instrument :
BNA_M
ClientSampleId :
CB9C0

Tgt Ion:166 Resp: 2653

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.8	116.8
167	19.6	11.8	17.6#

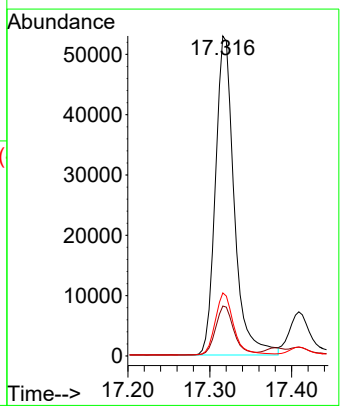


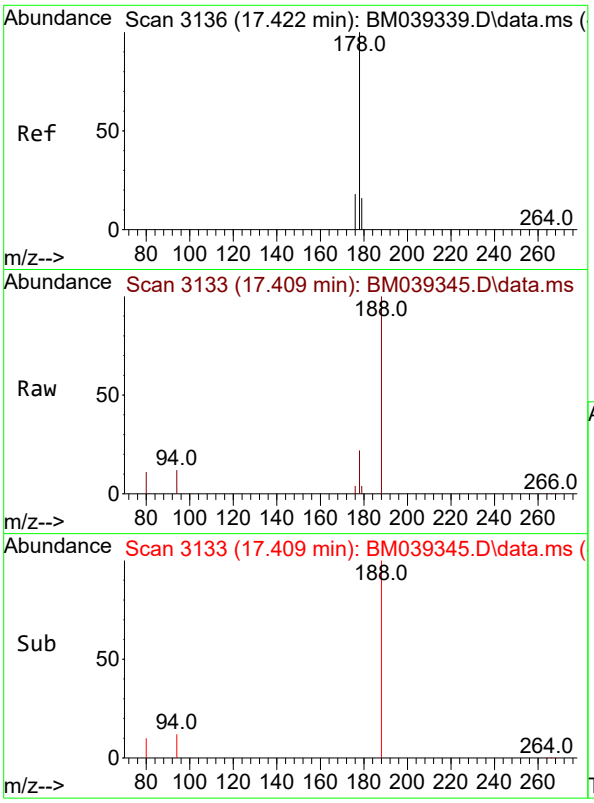


#15
Phenanthrene
Concen: 0.979 ng/ul
RT: 17.316 min Scan# 3111
Delta R.T. -0.004 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

Tgt Ion:178 Resp: 84305

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	19.7	15.8	23.6



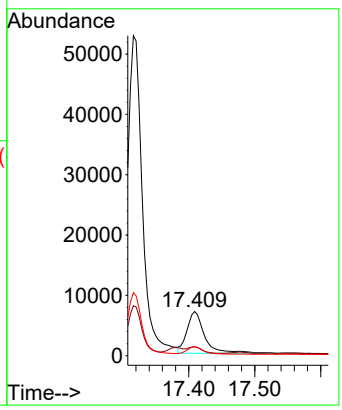


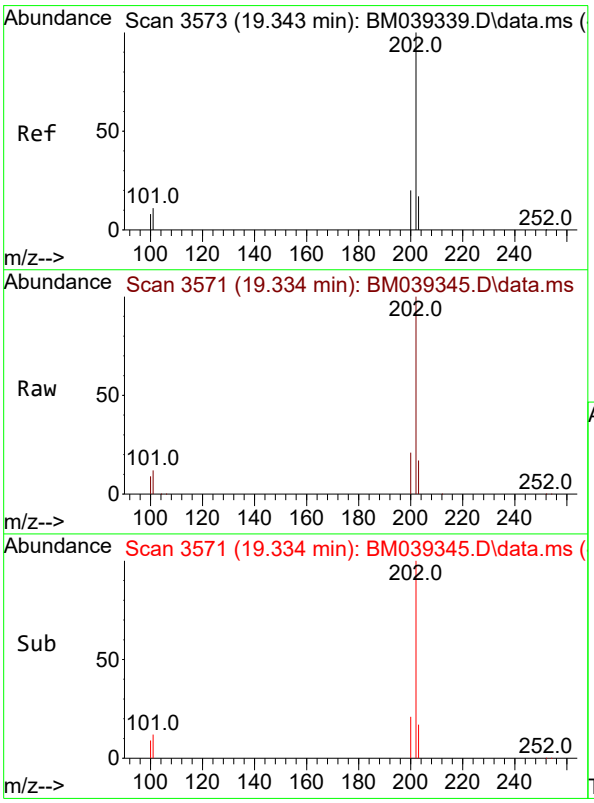
#16
Anthracene
Concen: 0.196 ng/ul
RT: 17.409 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

Instrument :
BNA_M
ClientSampleId :
CB9C0

Tgt Ion:178 Resp: 12835

Ion	Ratio	Lower	Upper
178	100		
179	20.0	14.6	21.8
176	20.2	16.6	24.8

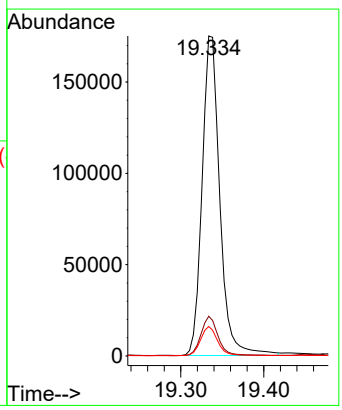


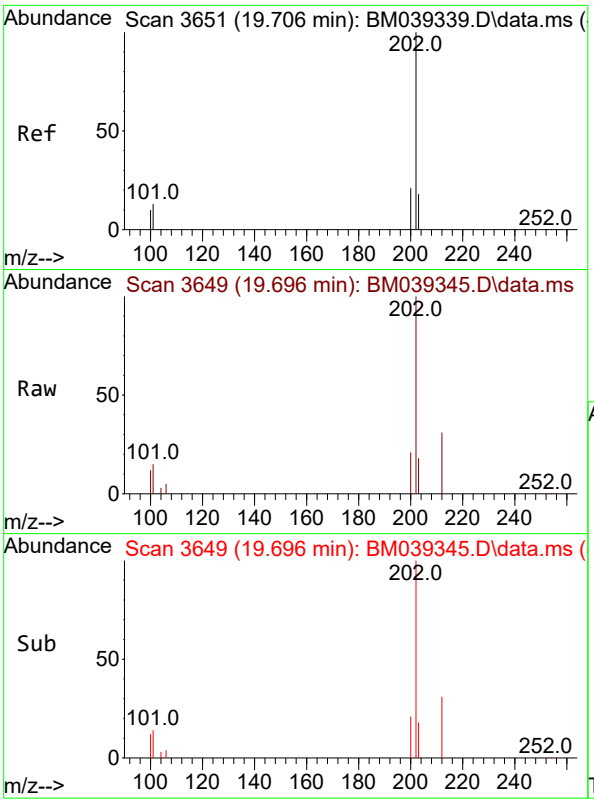


#19
Fluoranthene
Concen: 2.715 ng/ul
RT: 19.334 min Scan# 3571
Delta R.T. -0.005 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

Tgt Ion:202 Resp: 260551

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.7	14.5
100	9.2	7.4	11.0



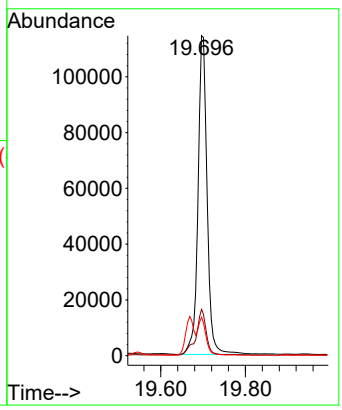


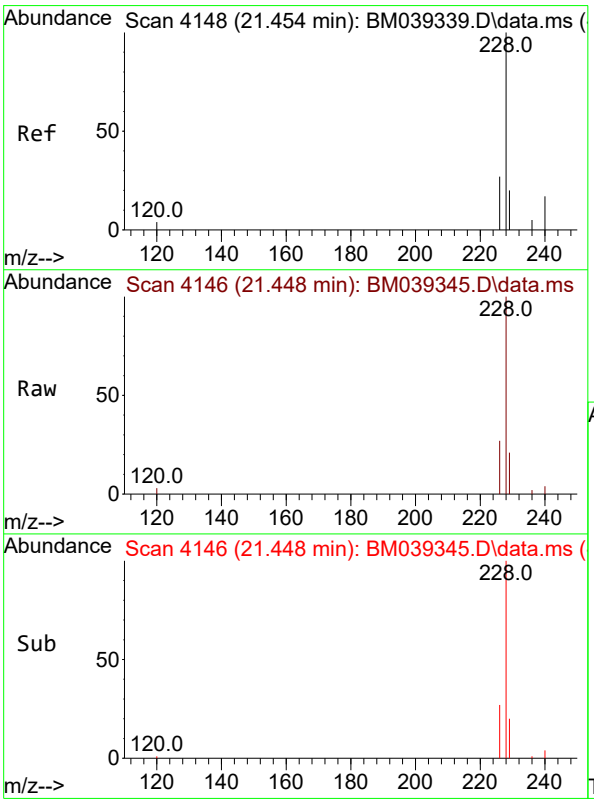
#20
Pyrene
Concen: 1.556 ng/ul
RT: 19.696 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

Instrument :
BNA_M
ClientSampleId :
CB9C0

Tgt Ion:202 Resp: 171199

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.1	16.7
100	12.0	8.8	13.2

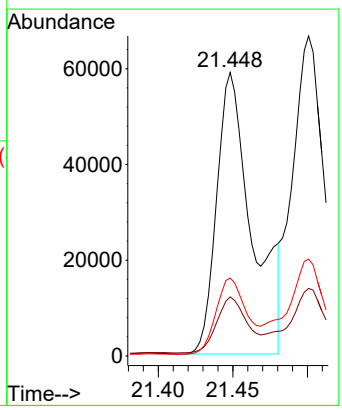


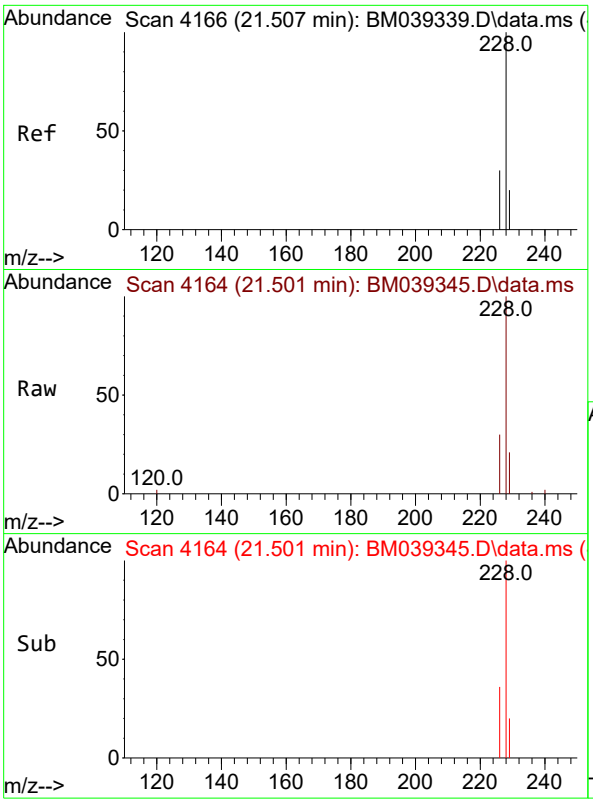


#21
Benzo(a)anthracene
Concen: 1.812 ng/ul
RT: 21.448 min Scan# 4146
Delta R.T. -0.003 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

Tgt Ion:228 Resp: 96855

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.6	24.8
226	27.5	22.6	34.0



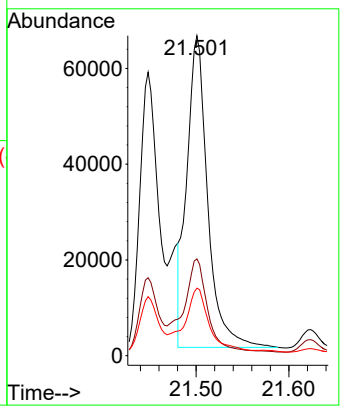


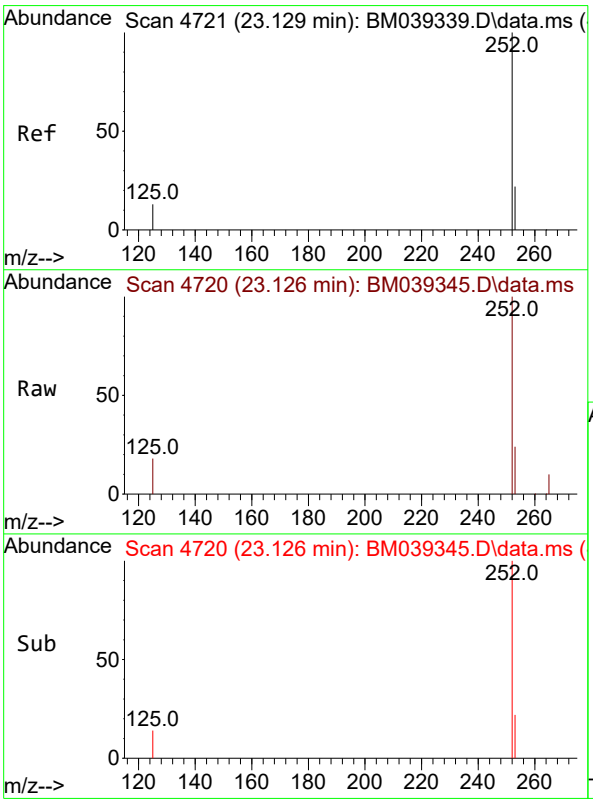
#22
Chrysene
Concen: 1.555 ng/ul
RT: 21.501 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

Instrument :
BNA_M
ClientSampleId :
CB9C0

Tgt Ion:228 Resp: 101930

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	21.1	16.2	24.4

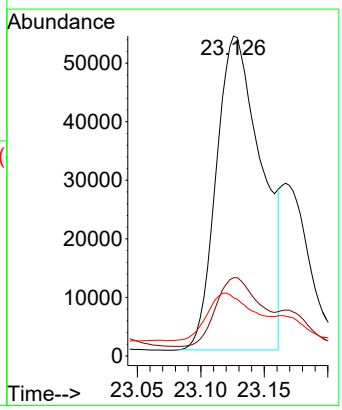


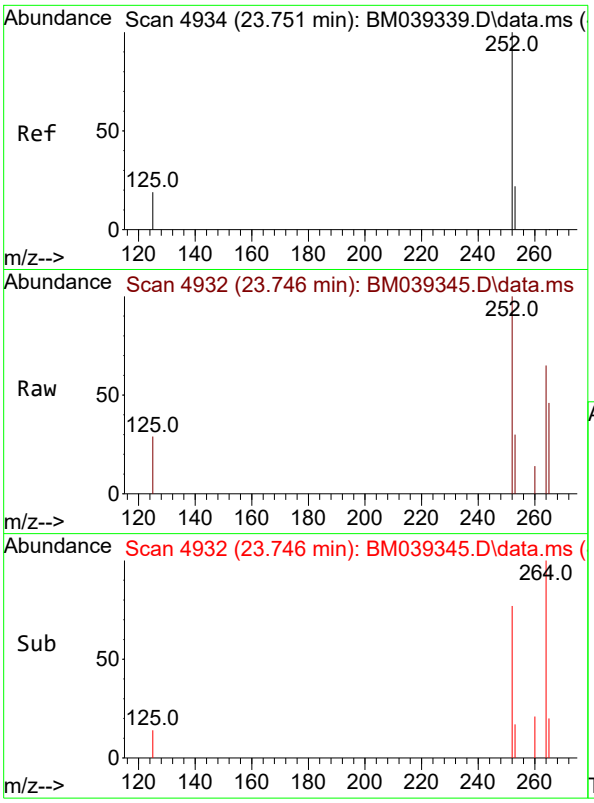


#24
Benzo(b)fluoranthene
Concen: 2.120 ng/ul
RT: 23.126 min Scan# 4720
Delta R.T. -0.003 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

Tgt Ion:252 Resp: 132998

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	64.4
125	18.2	0.0	50.4



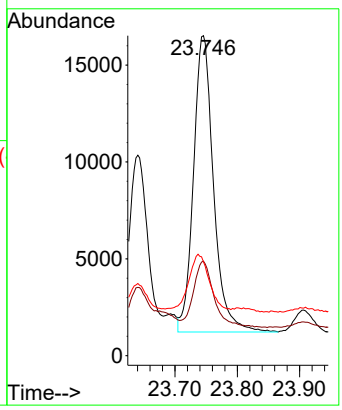


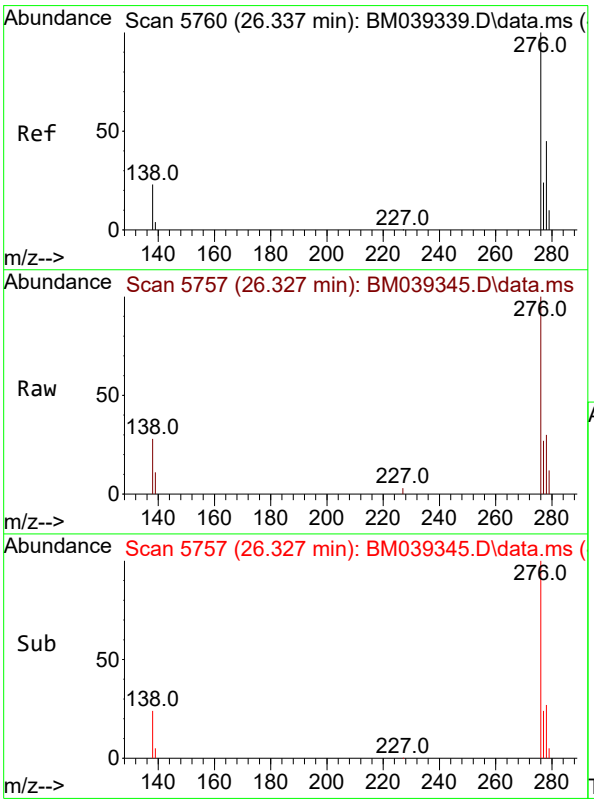
#26
Benzo(a)pyrene
Concen: 0.541 ng/ul
RT: 23.746 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

Instrument :
BNA_M
ClientSampleId :
CB9C0

Tgt Ion:252 Resp: 34181

Ion	Ratio	Lower	Upper
252	100		
253	29.6	31.0	46.4#
125	29.3	28.2	42.4

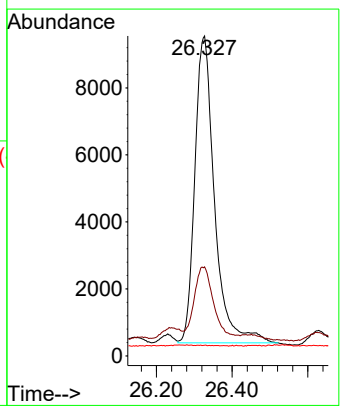


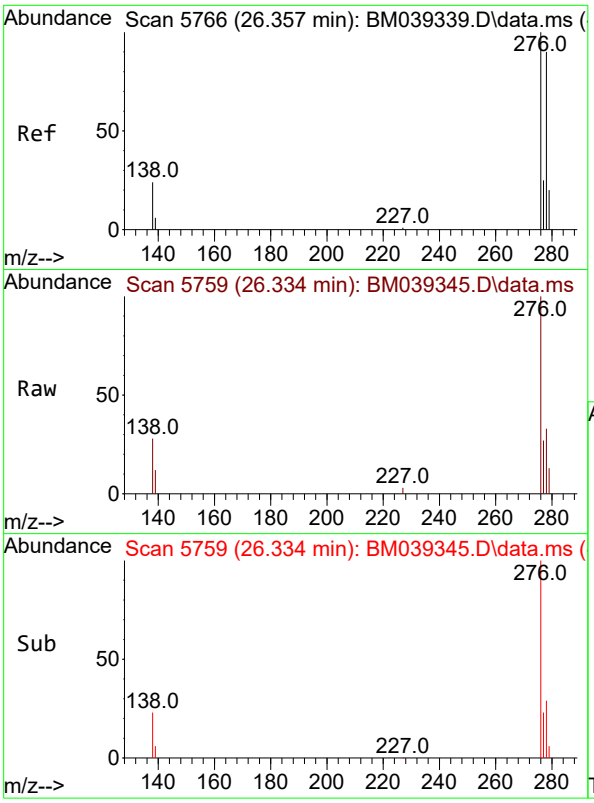


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng/ul
RT: 26.327 min Scan# 5757
Delta R.T. -0.010 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

Tgt Ion:276 Resp: 32992

Ion	Ratio	Lower	Upper
276	100		
138	25.8	21.4	32.0
227	0.0	0.1	0.1#



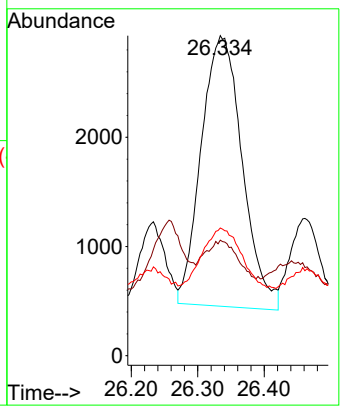


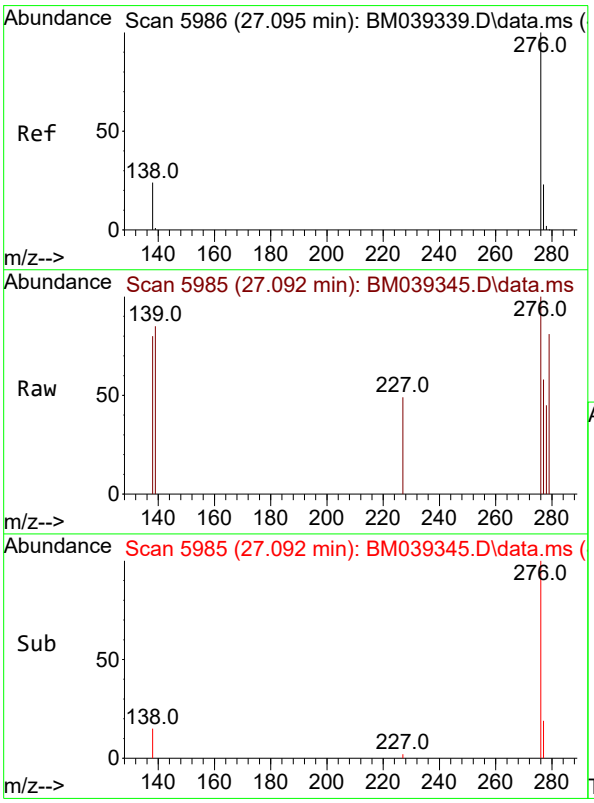
#28
Dibenzo(a,h)anthracene
Concen: 0.191 ng/ul
RT: 26.334 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

Instrument :
BNA_M
ClientSampleId :
CB9C0

Tgt Ion:278 Resp: 10629

Ion	Ratio	Lower	Upper
278	100		
139	36.1	21.8	32.6#
279	39.9	30.0	45.0





#29
Benzo(g,h,i)perylene
Concen: 0.022 ng/ul
RT: 27.092 min Scan# 5985
Delta R.T. 0.003 min
Lab File: BM039345.D
Acq: 07 Apr 2023 09:29

Tgt Ion:276 Resp: 1717

Ion	Ratio	Lower	Upper
276	100		
138	79.9	22.2	33.2#
277	58.3	21.2	31.8#