Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037099.D
Acq On : 15 Oct 2022 19:21
Operator : CG/JU
Sample : N5049-15DL 5X
Misc :
ALS Vial : 97 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BS1DL

Quant Time: Oct 17 00:57:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 15 04:13:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6014	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	22213	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.556	164	11875	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	22770	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	14570	0.400	ng/ul	0.00
23) Perylene-d12	23.853	264	11770	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	6579	0.776	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	1785	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	3049	0.070	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.781	128	8087	0.127	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	7069	0.182	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	5542	0.140	ng/ul	99
10) Acenaphthylene	14.279	152	1712	0.035	ng/ul#	74
15) Phenanthrene	17.334	178	8246	0.113	ng/ul	97
16) Anthracene	17.427	178	1247	0.021	ng/ul#	77
19) Fluoranthene	19.350	202	6207	0.107	ng/ul	96
20) Pyrene	19.707	202	6912	0.114	ng/ul	95
21) Benzo(a)anthracene	21.453	228	3128	0.059	ng/ul#	81
22) Chrysene	21.506	228	4735	0.084	ng/ul#	91
24) Benzo(b)fluoranthene	23.128	252	4419	0.084	ng/ul#	39
26) Benzo(a)pyrene	23.747	252	2572	0.060	ng/ul#	31
27) Indeno(1,2,3-cd)pyrene	26.329	276	2303	0.038	ng/ul#	99
29) Benzo(g,h,i)perylene	27.094	276	1934	0.036	ng/ul#	66

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

Quantitation Report (Not Reviewed)

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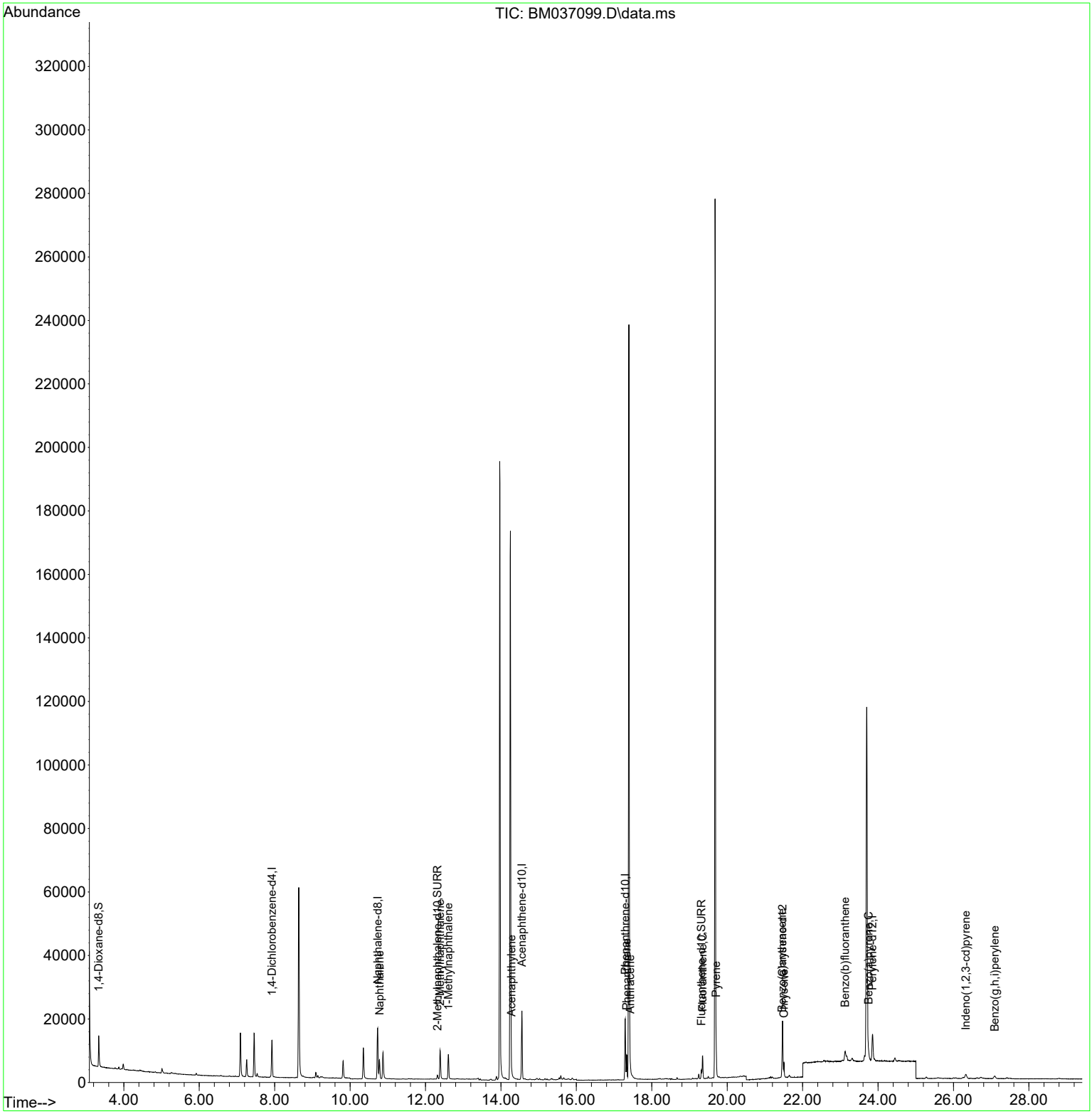
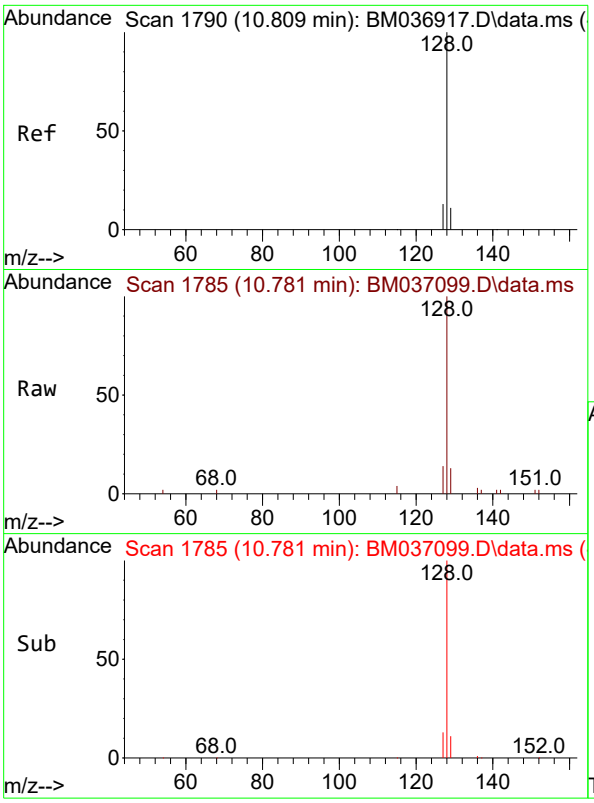
Misc :
ALS Vial : 97 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BS1DL

Quant Time: Oct 17 00:57:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 15 04:13:53 2022
Response via : Initial Calibration



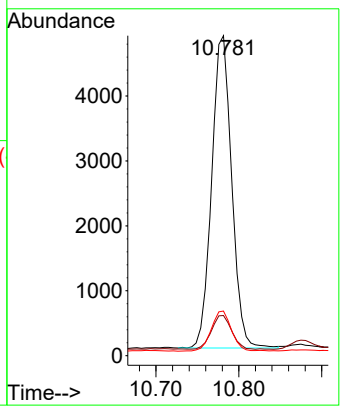


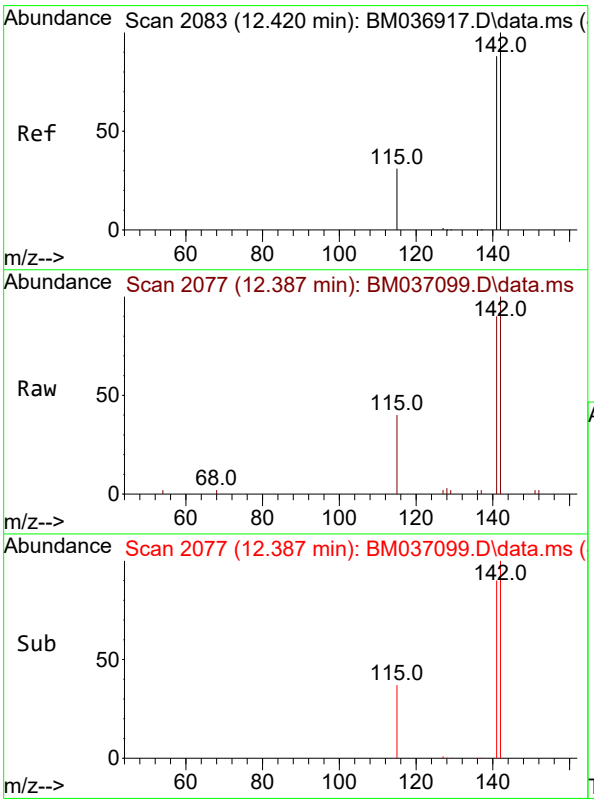
#5
Naphthalene
Concen: 0.127 ng/ul
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

Instrument :
BNA_M
ClientSampleId :
C0BS1DL

Tgt Ion:128 Resp: 8087

Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.2	15.2
127	13.9	11.7	17.5

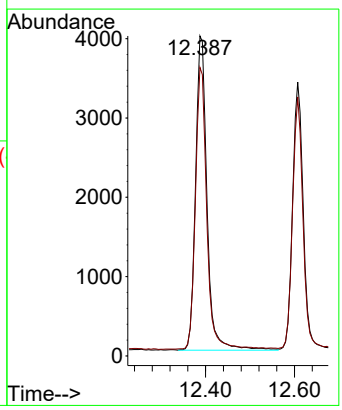


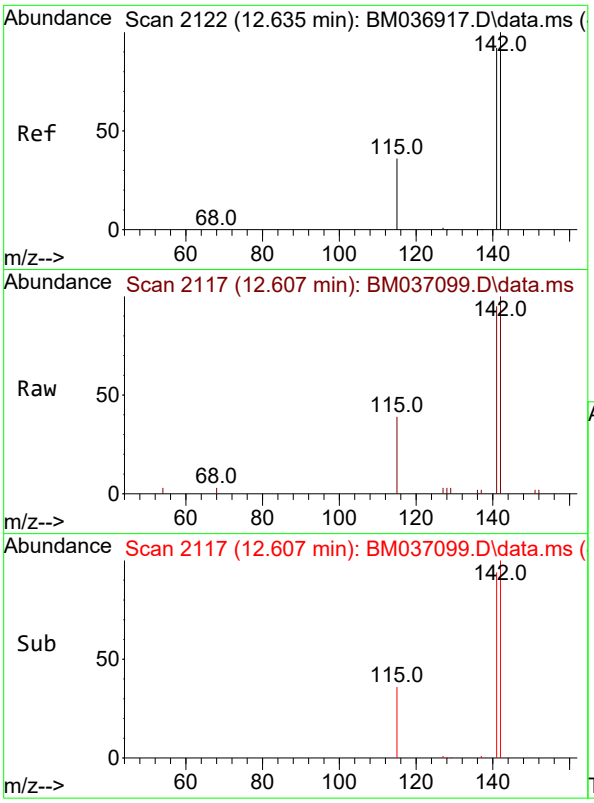


#7
2-Methylnaphthalene
Concen: 0.182 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

Tgt Ion:142 Resp: 7069

Ion	Ratio	Lower	Upper
142	100		
141	88.7	77.4	116.0



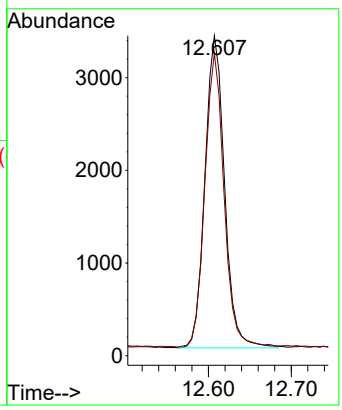


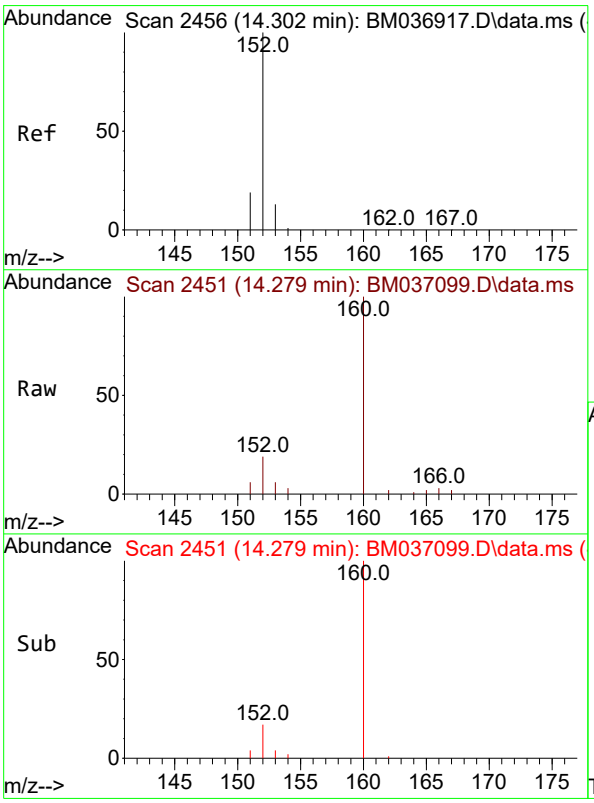
#8
1-Methylnaphthalene
Concen: 0.140 ng/ul
RT: 12.607 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

Instrument :
BNA_M
ClientSampleId :
C0BS1DL

Tgt Ion:142 Resp: 5542

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.1	111.1

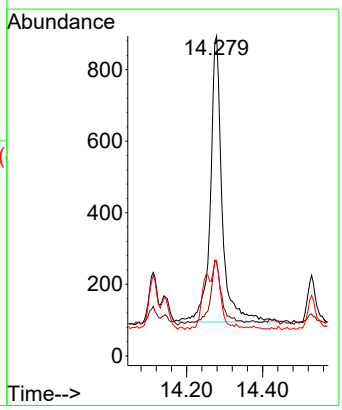


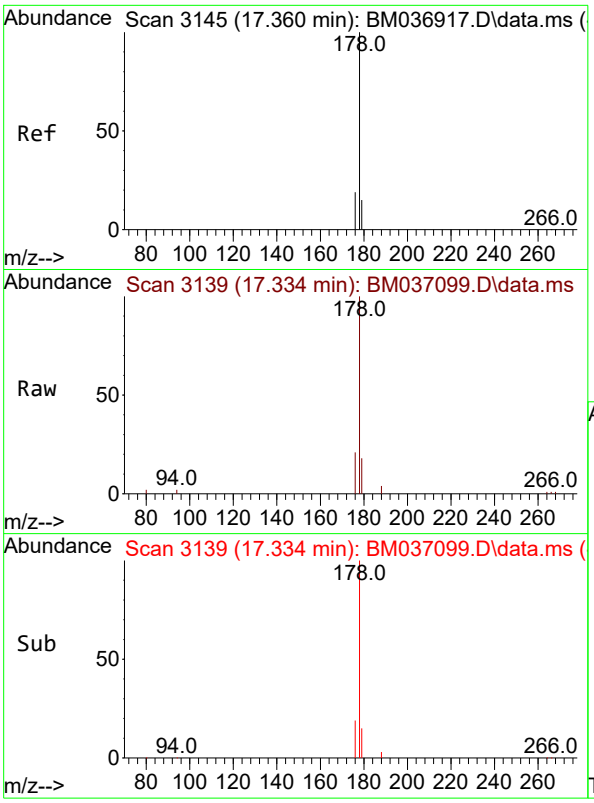


#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

Tgt Ion:152 Resp: 1712

Ion	Ratio	Lower	Upper
152	100		
151	29.2	16.6	24.8#
153	29.9	11.4	17.0#



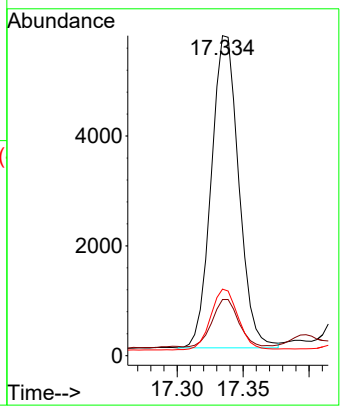


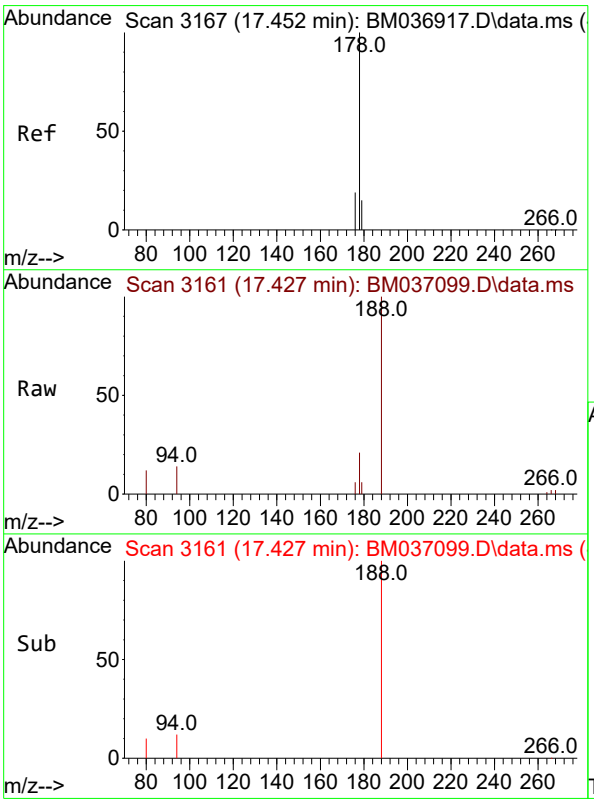
#15
Phenanthrene
Concen: 0.113 ng/ul
RT: 17.334 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

Instrument :
BNA_M
ClientSampleId :
C0BS1DL

Tgt Ion:178 Resp: 8246

Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.0	19.6
176	20.8	15.6	23.4

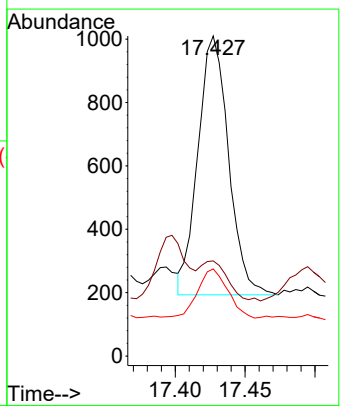


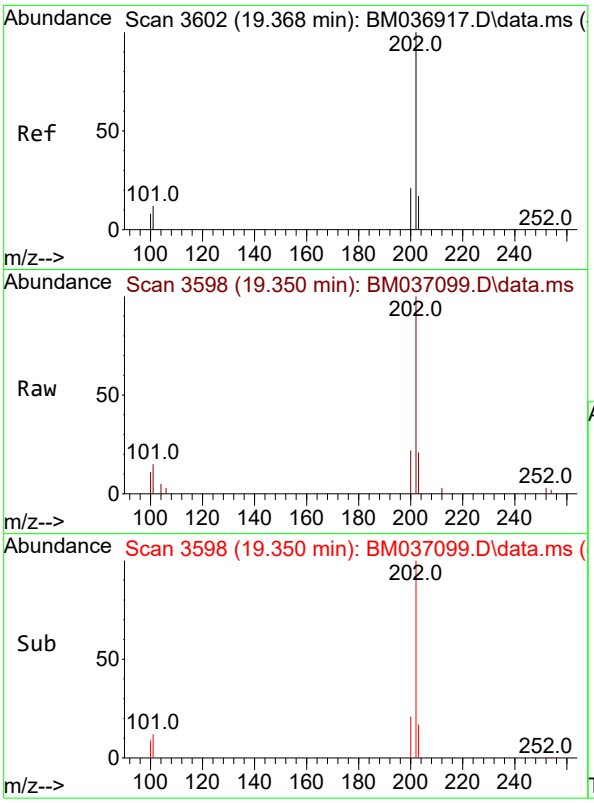


#16
Anthracene
Concen: 0.021 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

Tgt Ion:178 Resp: 1247

Ion	Ratio	Lower	Upper
178	100		
179	29.7	13.6	20.4#
176	27.2	15.6	23.4#



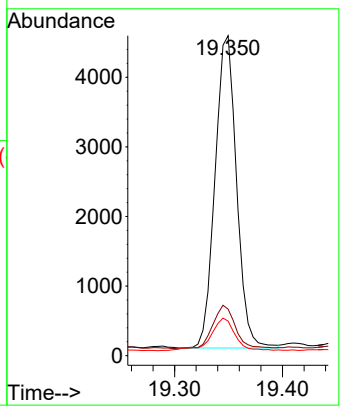


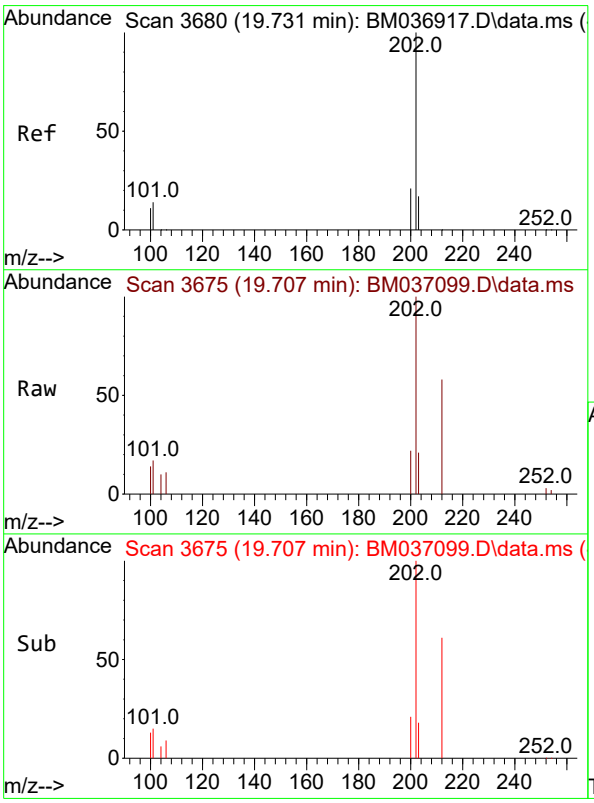
#19
Fluoranthene
Concen: 0.107 ng/ul
RT: 19.350 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

Instrument :
BNA_M
ClientSampleId :
C0BS1DL

Tgt Ion:202 Resp: 6207

Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.1	15.1
100	10.8	7.9	11.9

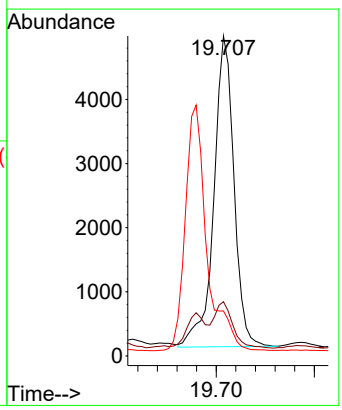


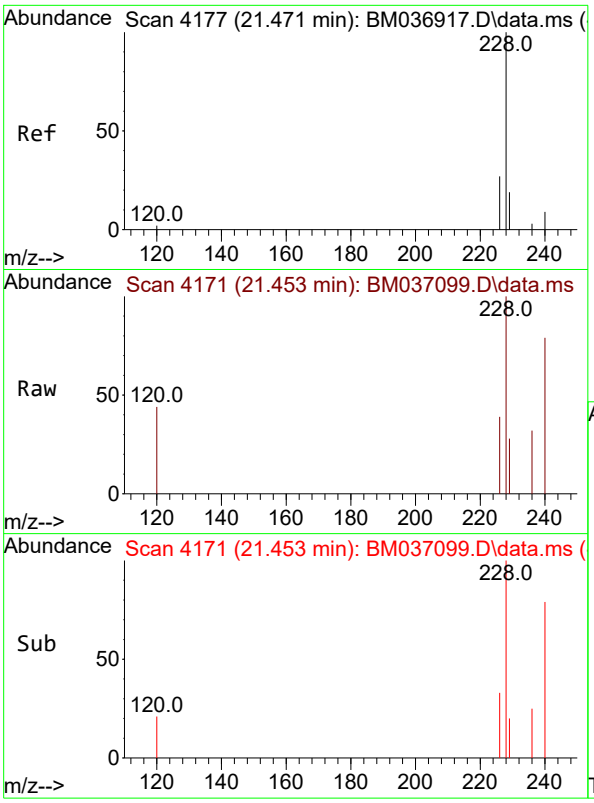


#20
Pyrene
Concen: 0.114 ng/ul
RT: 19.707 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

Tgt Ion:202 Resp: 6912

Ion	Ratio	Lower	Upper
202	100		
101	16.9	12.0	18.0
100	14.0	9.8	14.6



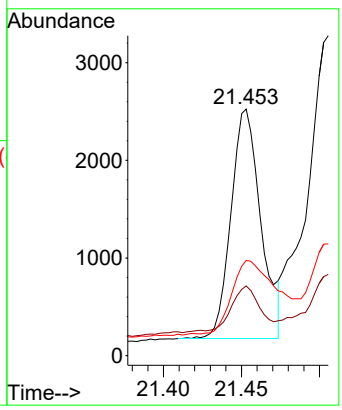


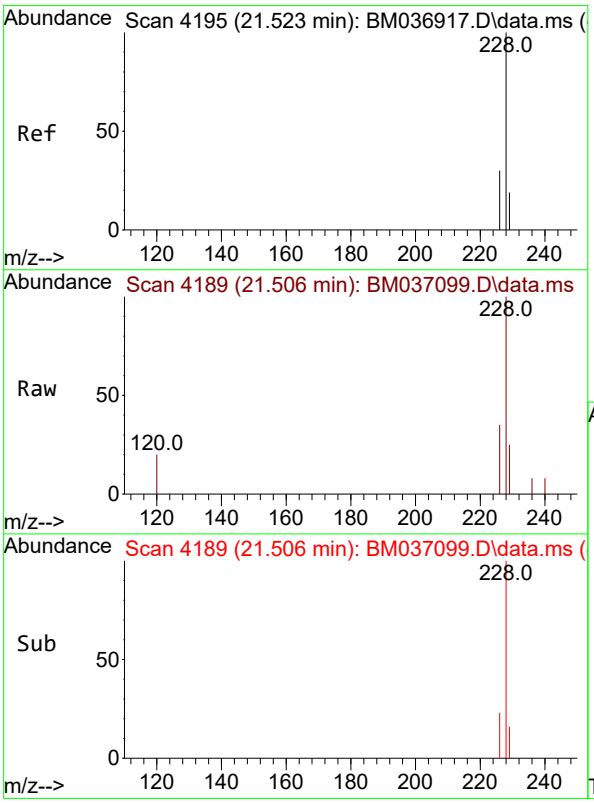
#21
Benzo(a)anthracene
Concen: 0.059 ng/ul
RT: 21.453 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

Instrument :
BNA_M
ClientSampleId :
C0BS1DL

Tgt Ion:228 Resp: 3128

Ion	Ratio	Lower	Upper
228	100		
229	28.3	16.2	24.2#
226	38.6	22.5	33.7#

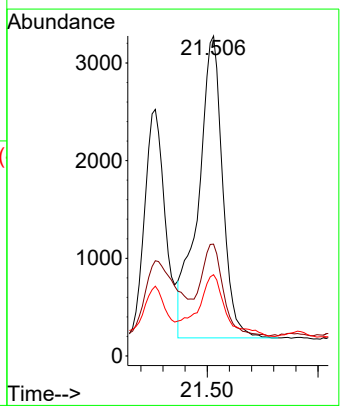


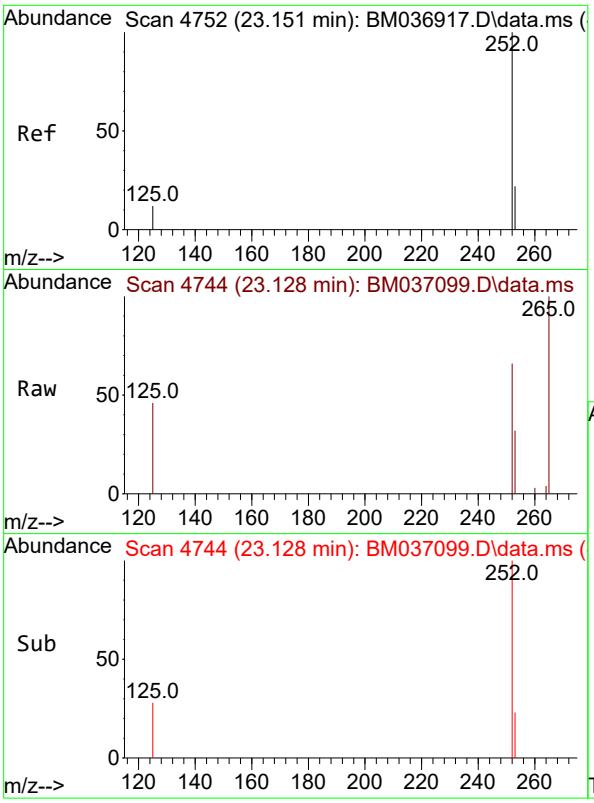


#22
Chrysene
Concen: 0.084 ng/ul
RT: 21.506 min Scan# 4189
Delta R.T. 0.003 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

Tgt Ion:228 Resp: 4735

Ion	Ratio	Lower	Upper
228	100		
226	35.0	24.6	37.0
229	25.4	16.4	24.6#



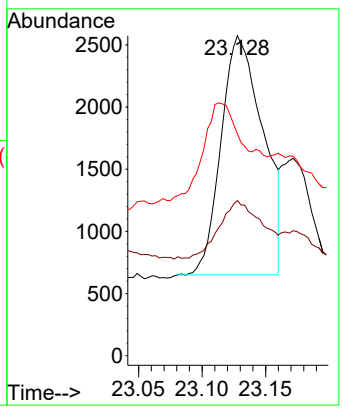


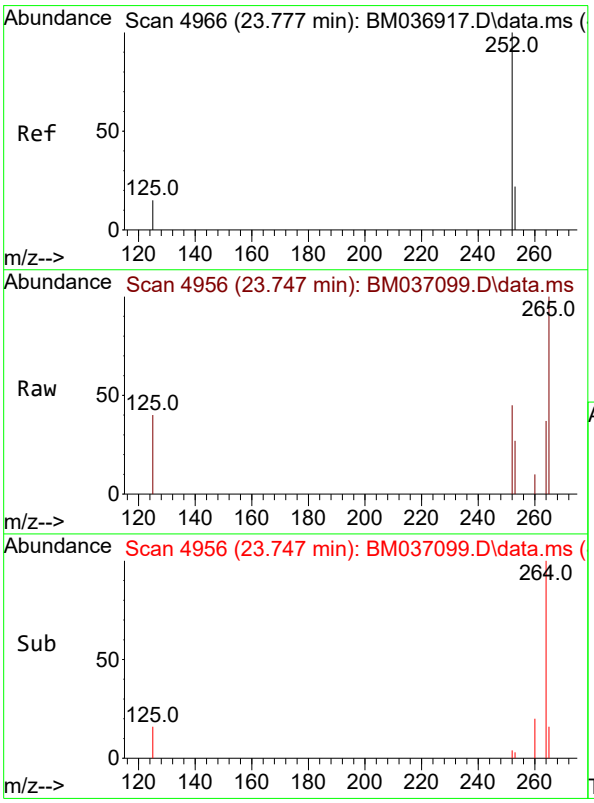
#24
Benzo(b)fluoranthene
Concen: 0.084 ng/ul
RT: 23.128 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

Instrument :
BNA_M
ClientSampleId :
C0BS1DL

Tgt Ion:252 Resp: 4419

Ion	Ratio	Lower	Upper
252	100		
253	48.4	0.0	61.4
125	69.3	0.0	42.6#

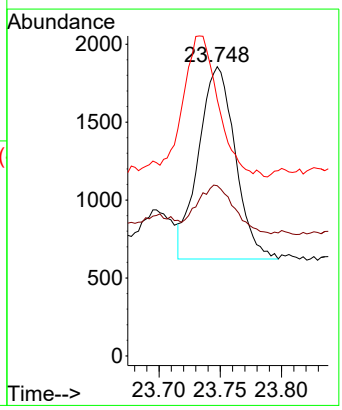


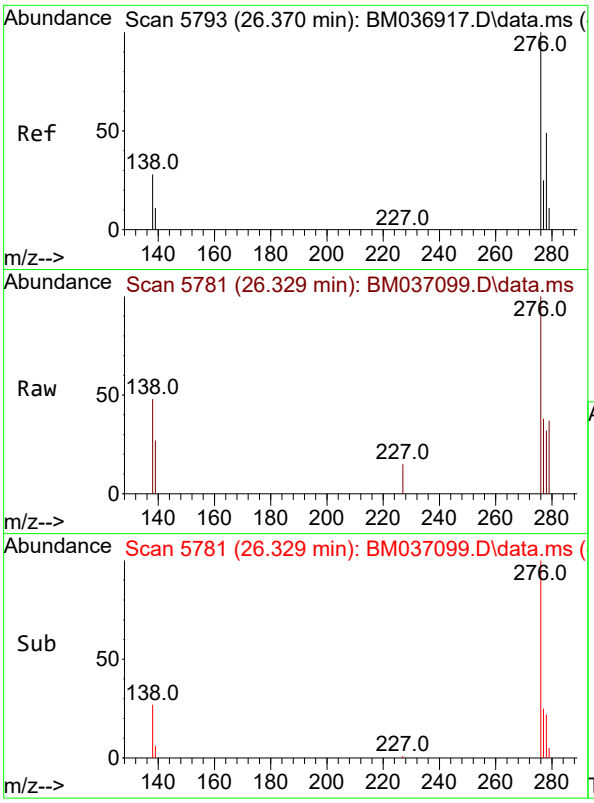


#26
Benzo(a)pyrene
Concen: 0.060 ng/ul
RT: 23.747 min Scan# 4956
Delta R.T. 0.003 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

Tgt Ion:252 Resp: 2572

Ion	Ratio	Lower	Upper
252	100		
253	58.8	29.7	44.5#
125	88.6	23.6	35.4#



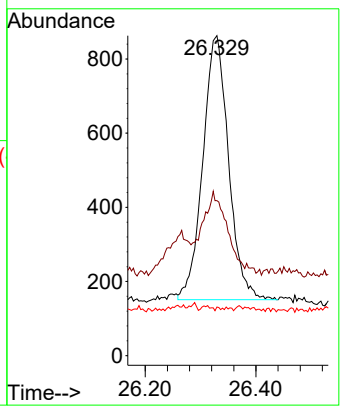


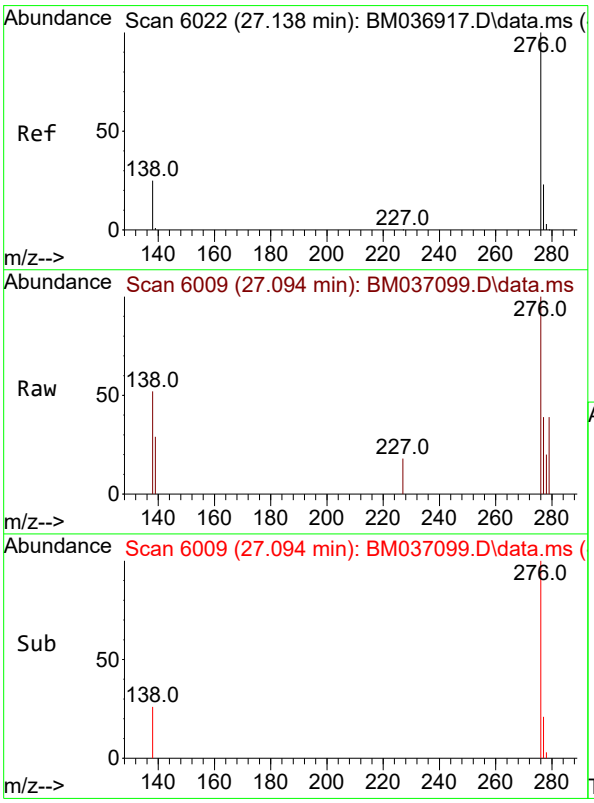
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng/ul
RT: 26.329 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

Instrument :
BNA_M
ClientSampleId :
C0BS1DL

Tgt Ion:276 Resp: 2303

Ion	Ratio	Lower	Upper
276	100		
138	29.2	23.9	35.9
227	0.3	0.1	0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.036 ng/ul
RT: 27.094 min Scan# 6009
Delta R.T. 0.007 min
Lab File: BM037099.D
Acq: 15 Oct 2022 19:21

Tgt Ion:276 Resp: 1934

Ion	Ratio	Lower	Upper
276	100		
138	52.3	23.4	35.0#
277	38.6	21.0	31.4#