Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041875.D
Acq On : 14 Sep 2023 21:53
Operator : MA/JU
Sample : 04175-08DL 50X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EZYK2DL

Quant Time: Sep 15 00:30:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 16:15:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	8123	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	22065	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.620	164	11449	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	23553	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.545	240	8879	0.400	ng/ul	# 0.00
23) Perylene-d12	23.974	264	8578	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	10114	0.979	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	2572	0.086	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	3856	0.127	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.840	128	2345	0.032	ng/ul#	87
7) 2-Methylnaphthalene	12.445	142	4777	0.107	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	1681	0.037	ng/ul	98
10) Acenaphthylene	14.347	152	1756	0.024	ng/ul#	39
15) Phenanthrene	17.413	178	11282	0.110	ng/ul#	80
16) Anthracene	17.506	178	3552	0.040	ng/ul#	53
19) Fluoranthene	19.422	202	22865	0.332	ng/ul#	92
20) Pyrene	19.789	202	51861	0.720	ng/ul#	93
21) Benzo(a)anthracene	21.527	228	7355	0.126	ng/ul#	52
22) Chrysene	21.583	228	12521	0.209	ng/ul#	76
24) Benzo(b)fluoranthene	23.222	252	19497	0.319	ng/ul#	1
26) Benzo(a)pyrene	23.863	252	11988	0.258	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.481	276	15545	0.217	ng/ul	94
28) Dibenzo(a,h)anthracene	26.485	278	4234	0.080	ng/ul#	1
29) Benzo(g,h,i)perylene	27.273	276	24137	0.399	ng/ul#	69

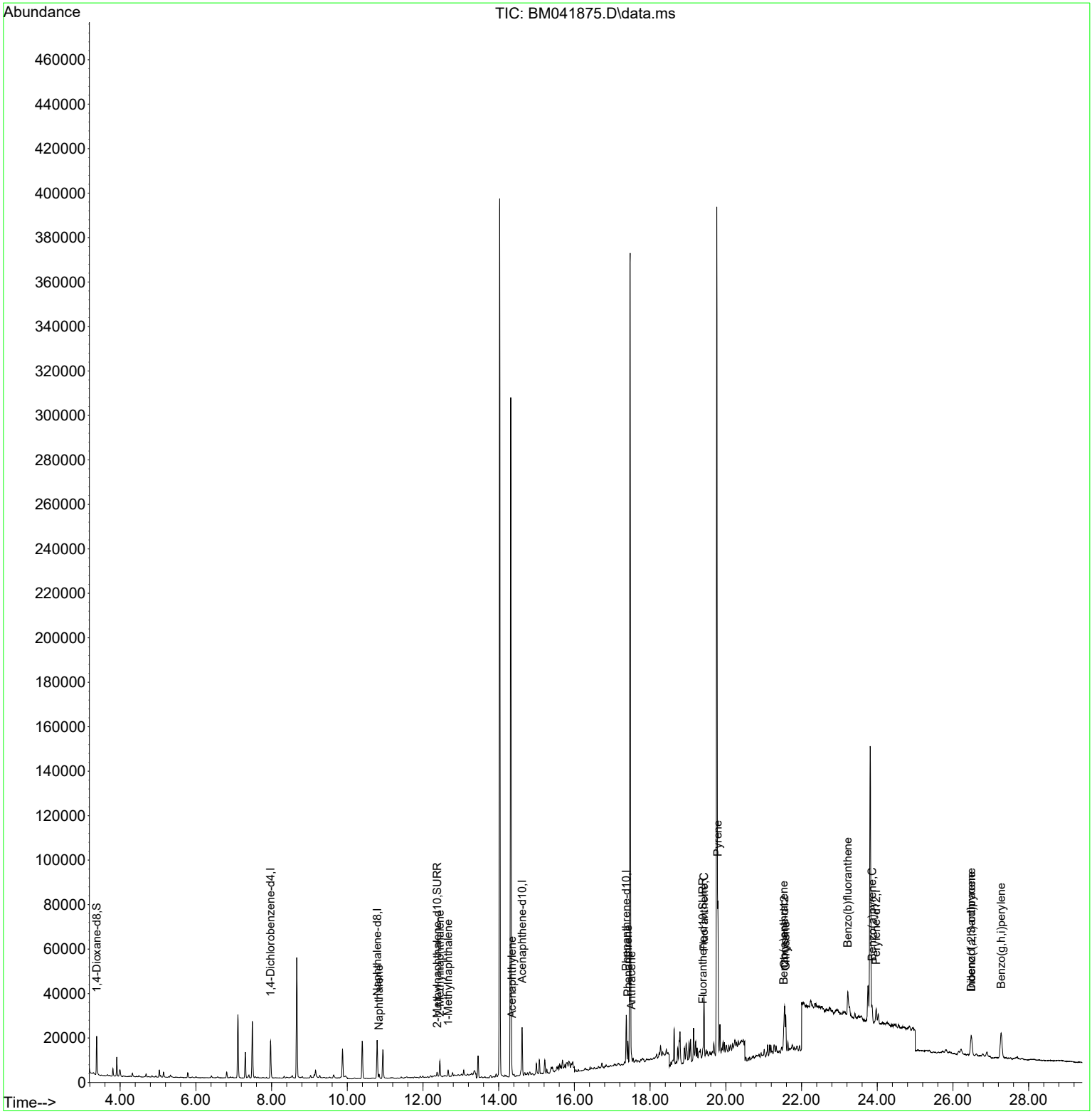
(#) = qualifier out of range (m) = manual integration (+) = signals summed

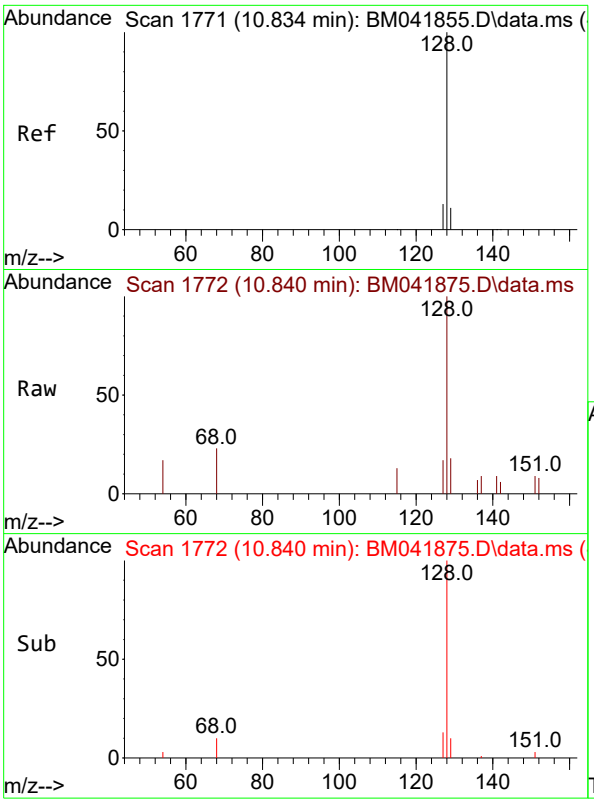
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041875.D
Acq On : 14 Sep 2023 21:53
Operator : MA/JU
Sample : 04175-08DL 50X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EZYK2DL

Quant Time: Sep 15 00:30:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 16:15:23 2023
Response via : Initial Calibration



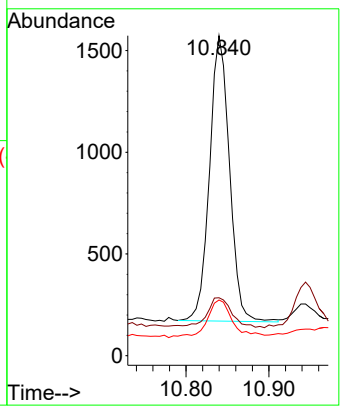


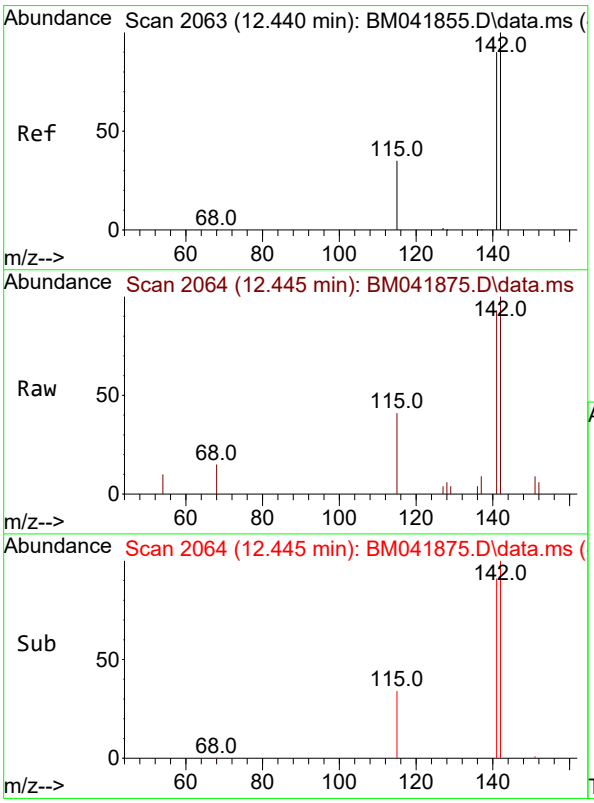
#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.840 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

Instrument :
BNA_M
ClientSampleId :
EZYK2DL

Tgt Ion:128 Resp: 2345

Ion	Ratio	Lower	Upper
128	100		
129	18.1	9.5	14.3#
127	17.4	10.7	16.1#

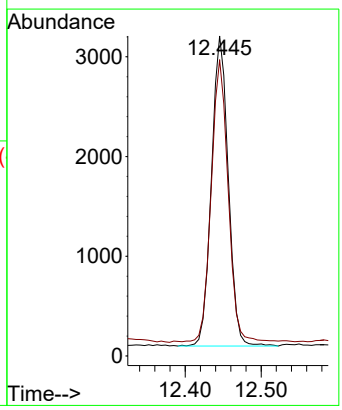


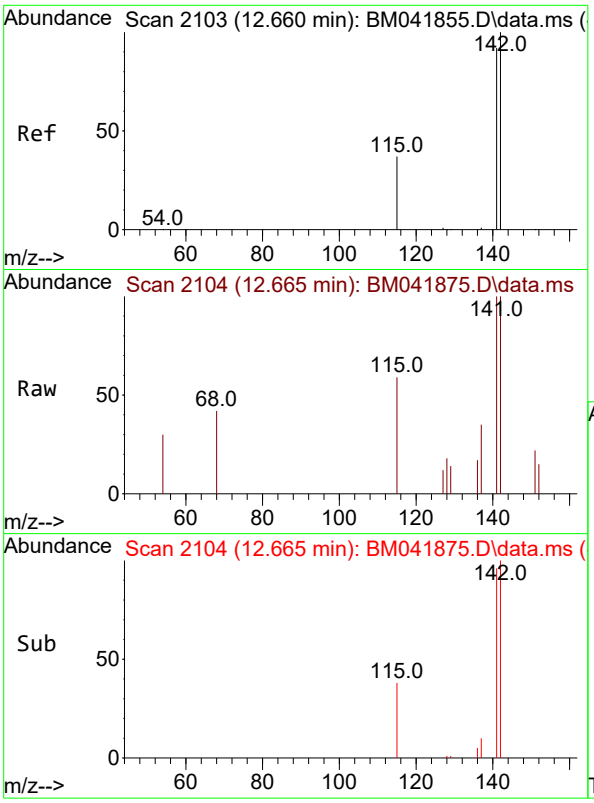


#7
2-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

Tgt Ion:142 Resp: 4777

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.1	108.1



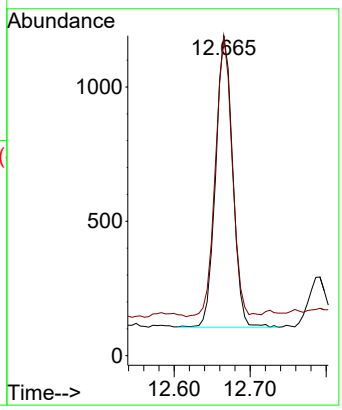


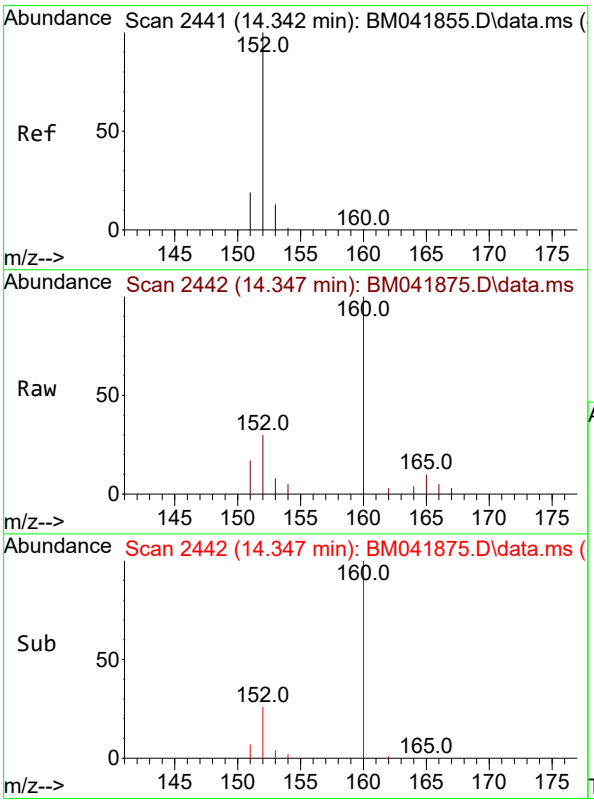
#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.665 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

Instrument :
BNA_M
ClientSampleId :
EZYK2DL

Tgt Ion:142 Resp: 1681

Ion	Ratio	Lower	Upper
142	100		
141	95.0	74.3	111.5

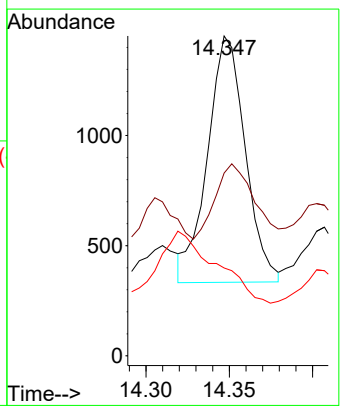


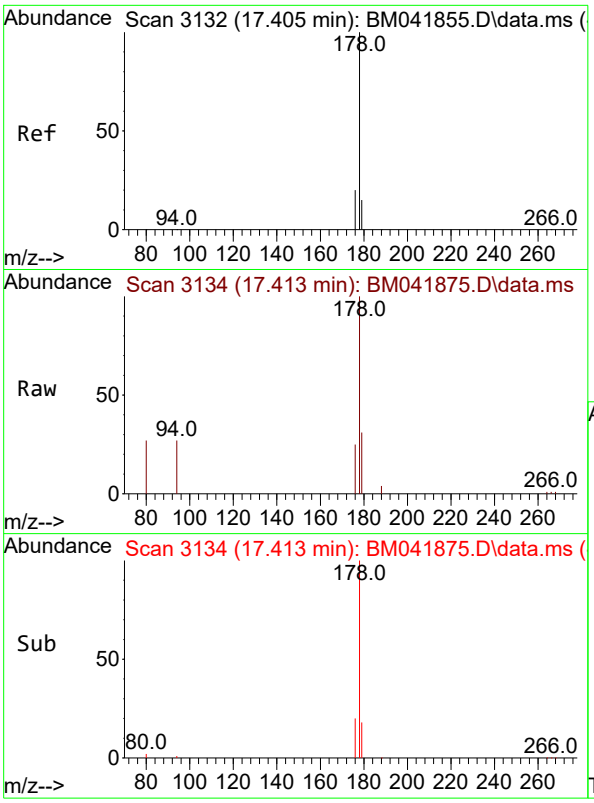


#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.347 min Scan# 2442
Delta R.T. 0.005 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

Tgt Ion:152 Resp: 1756

Ion	Ratio	Lower	Upper
152	100		
151	57.2	16.3	24.5#
153	27.5	10.9	16.3#





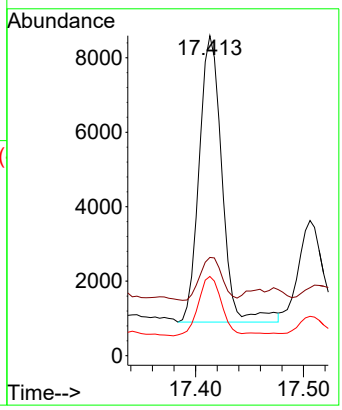
#15
Phenanthrene
Concen: 0.110 ng/ul
RT: 17.413 min Scan# 3

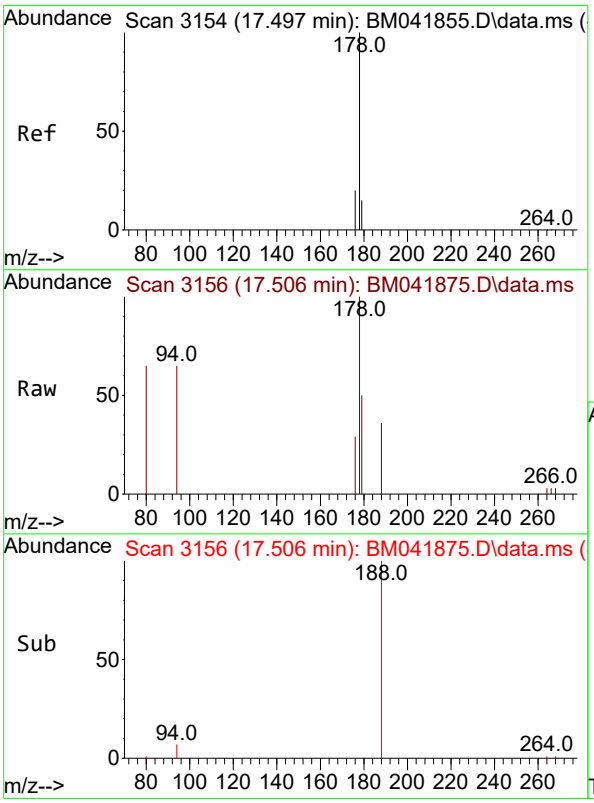
Instrument :
BNA_M
ClientSampleId :
EZYK2DL

Delta R.T. 0.004 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

Tgt Ion:178 Resp: 11282

Ion	Ratio	Lower	Upper
178	100		
179	30.7	12.6	19.0#
176	24.8	16.6	25.0

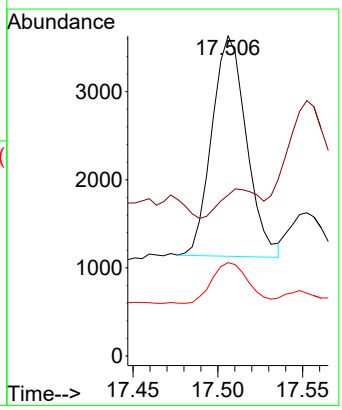


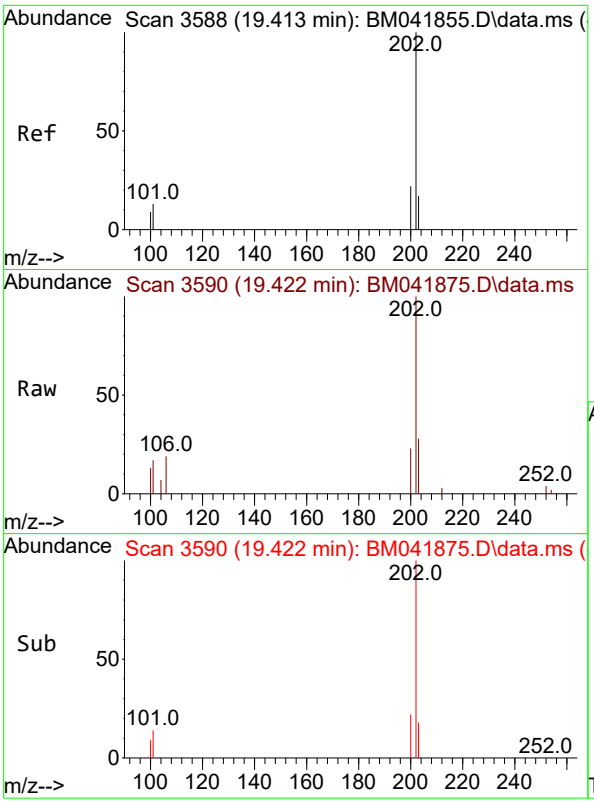


#16
Anthracene
Concen: 0.040 ng/ul
RT: 17.506 min Scan# 3156
Delta R.T. 0.004 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

Tgt Ion:178 Resp: 3552

Ion	Ratio	Lower	Upper
178	100		
179	50.3	12.7	19.1#
176	29.1	16.1	24.1#



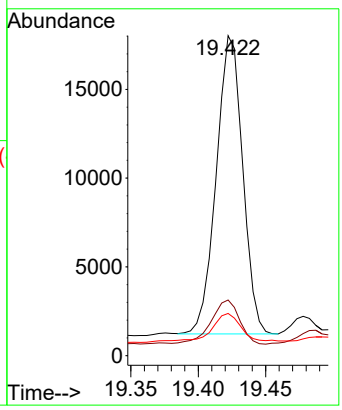


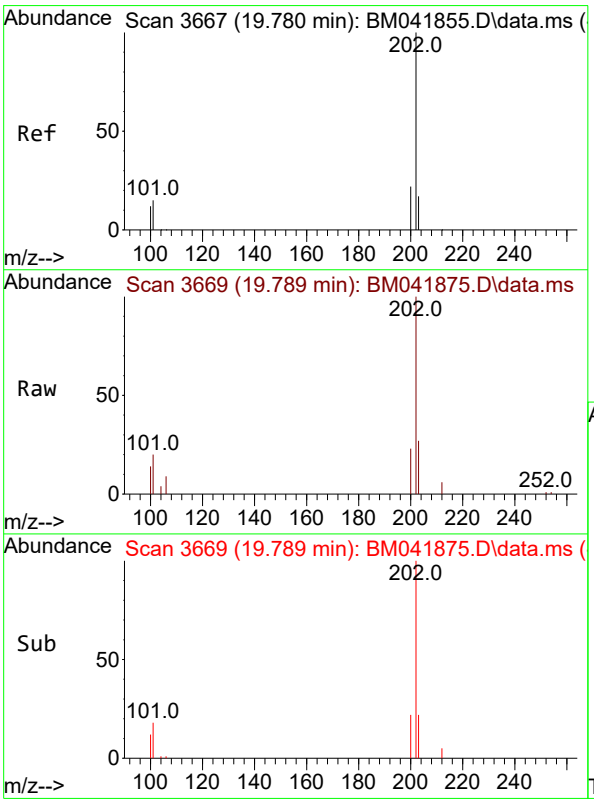
#19
Fluoranthene
Concen: 0.332 ng/ul
RT: 19.422 min Scan# 3
Delta R.T. 0.005 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

Instrument :
BNA_M
ClientSampleId :
EZYK2DL

Tgt Ion:202 Resp: 22865

Ion	Ratio	Lower	Upper
202	100		
101	17.4	11.0	16.6#
100	13.2	8.2	12.4#

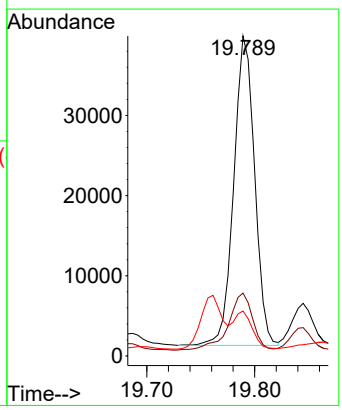


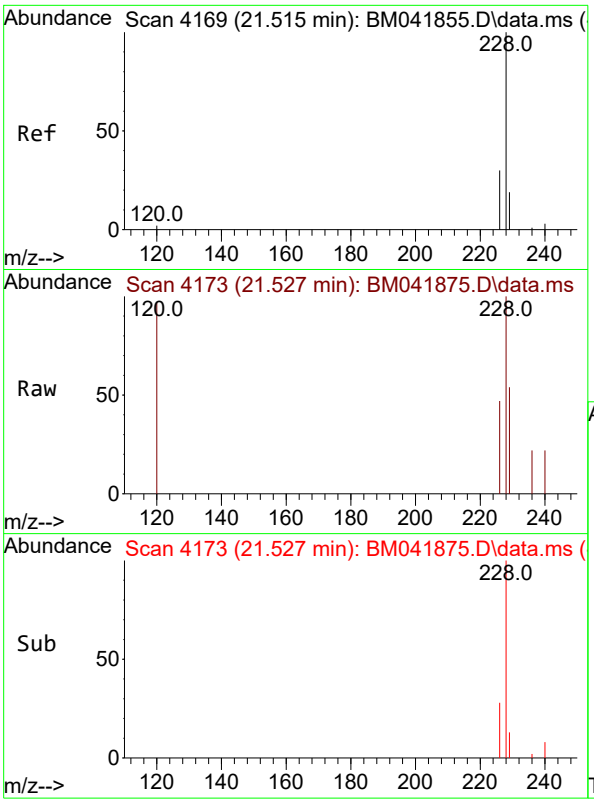


#20
Pyrene
Concen: 0.720 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. 0.005 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

Tgt Ion:202 Resp: 51861

Ion	Ratio	Lower	Upper
202	100		
101	19.6	12.6	19.0#
100	14.0	9.9	14.9





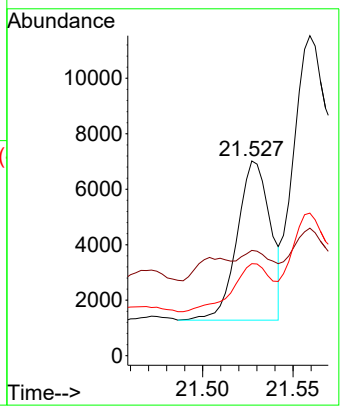
#21
Benzo(a)anthracene
Concen: 0.126 ng/ul
RT: 21.527 min Scan# 4

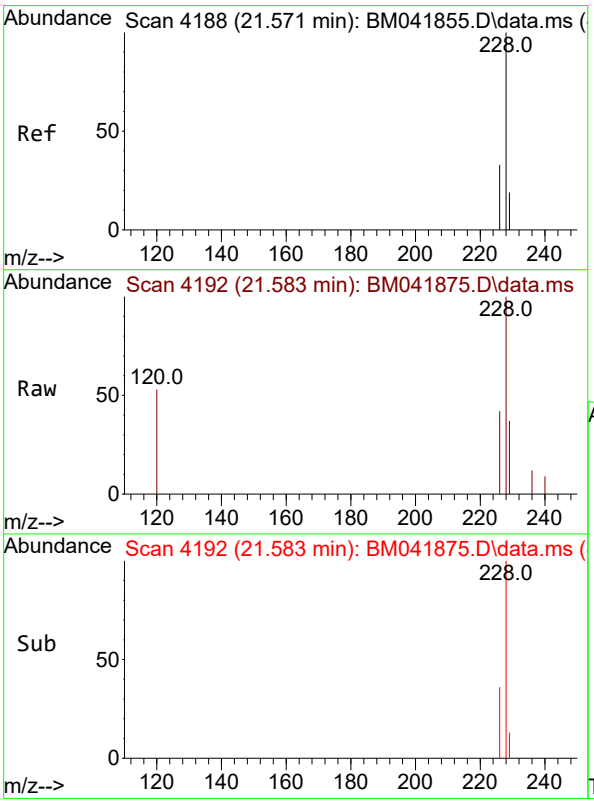
Instrument :
BNA_M
ClientSampleId :
EZYK2DL

Delta R.T. 0.006 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

Tgt Ion:228 Resp: 7355

Ion	Ratio	Lower	Upper
228	100		
229	54.0	15.8	23.8#
226	47.2	24.3	36.5#

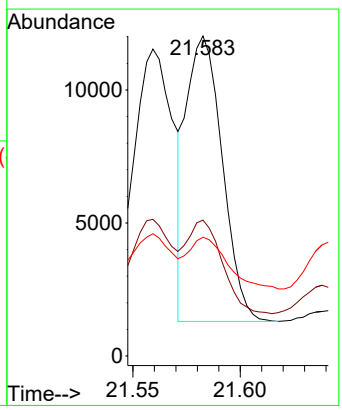


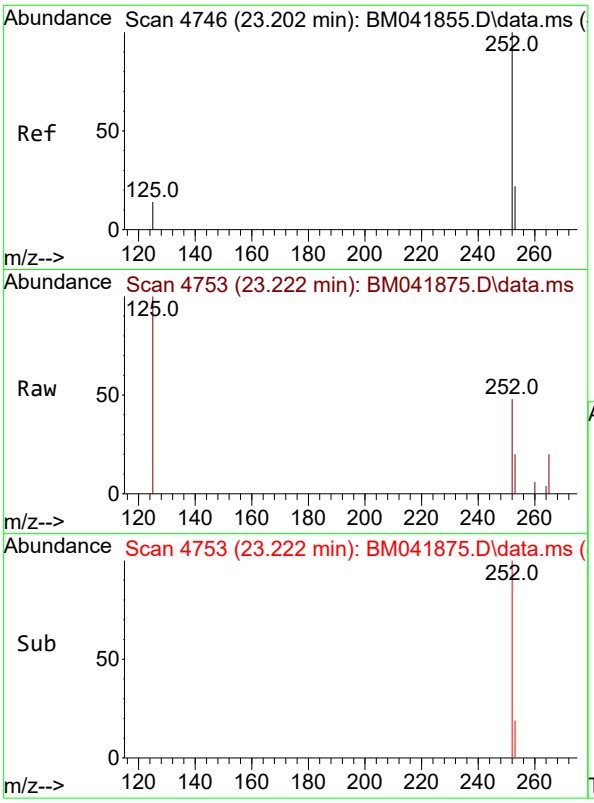


#22
Chrysene
Concen: 0.209 ng/ul
RT: 21.583 min Scan# 4192
Delta R.T. 0.006 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

Tgt Ion:228 Resp: 12521

Ion	Ratio	Lower	Upper
228	100		
226	42.4	27.0	40.4#
229	37.1	15.7	23.5#



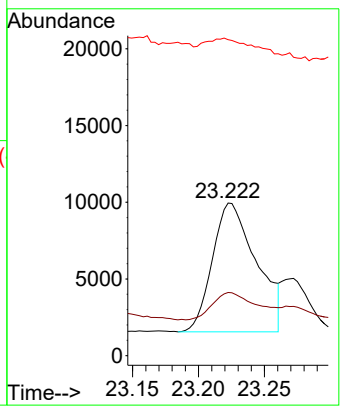


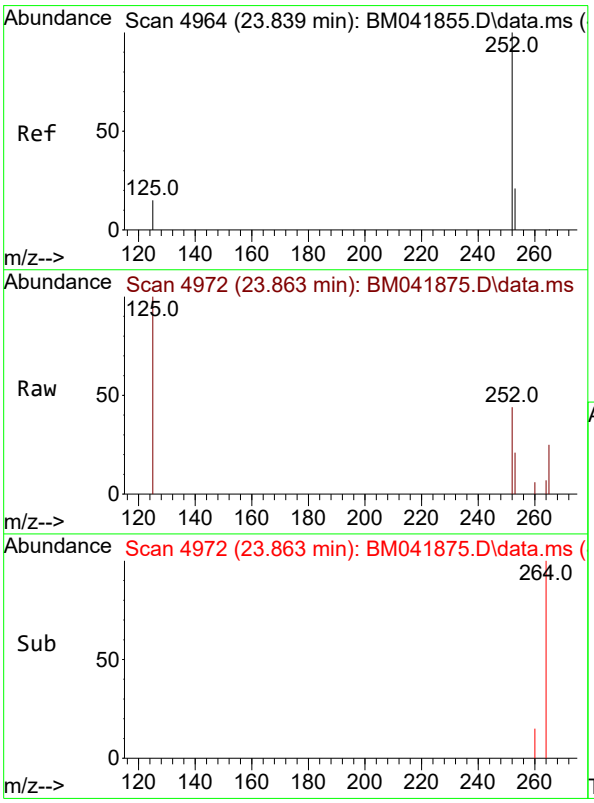
#24
Benzo(b)fluoranthene
Concen: 0.319 ng/ul
RT: 23.222 min Scan# 4
Delta R.T. 0.015 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

Instrument :
BNA_M
ClientSampleId :
EZYK2DL

Tgt Ion:252 Resp: 19497

Ion	Ratio	Lower	Upper
252	100		
253	41.4	0.0	51.0
125	207.0	0.0	39.8#

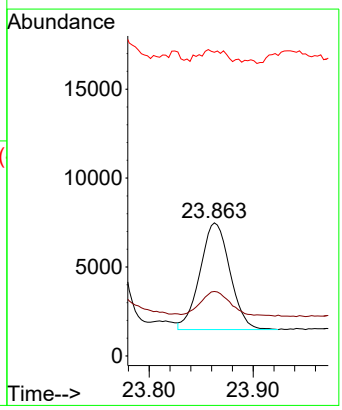


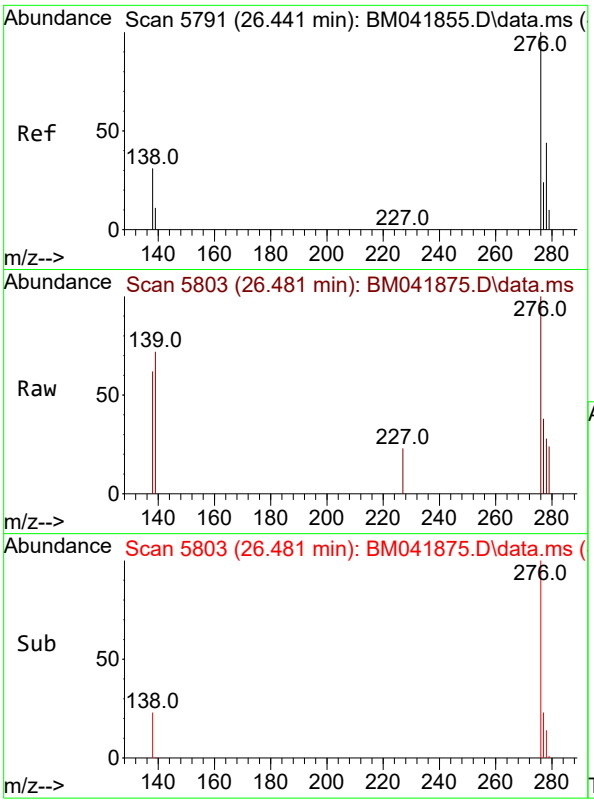


#26
Benzo(a)pyrene
Concen: 0.258 ng/ul
RT: 23.863 min Scan# 4972
Delta R.T. 0.018 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

Tgt Ion:252 Resp: 11988

Ion	Ratio	Lower	Upper
252	100		
253	48.4	21.8	32.8#
125	228.0	18.8	28.2#



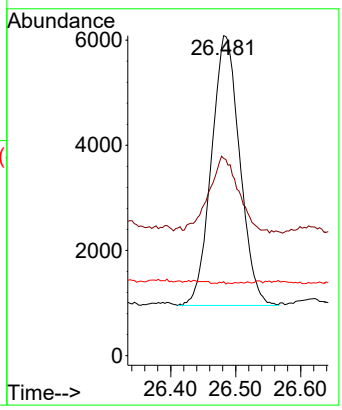


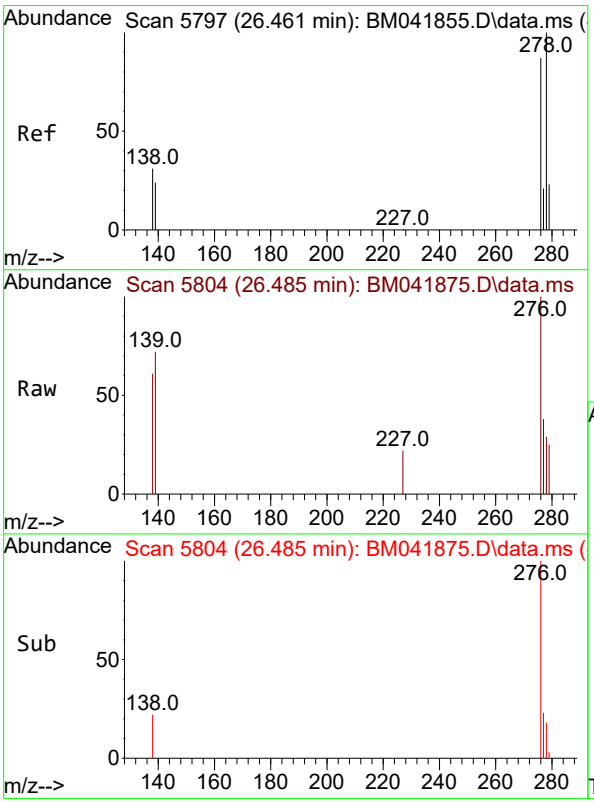
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.217 ng/ul
RT: 26.481 min Scan# 5
Delta R.T. 0.027 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

Instrument :
BNA_M
ClientSampleId :
EZYK2DL

Tgt Ion:276 Resp: 15545

Ion	Ratio	Lower	Upper
276	100		
138	31.3	27.7	41.5
227	0.1	0.1	0.1

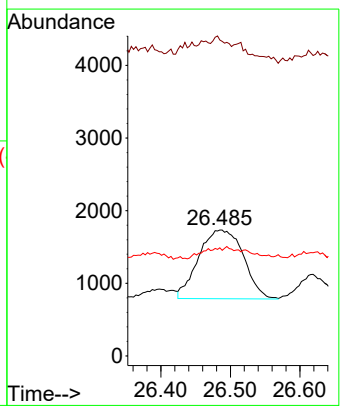


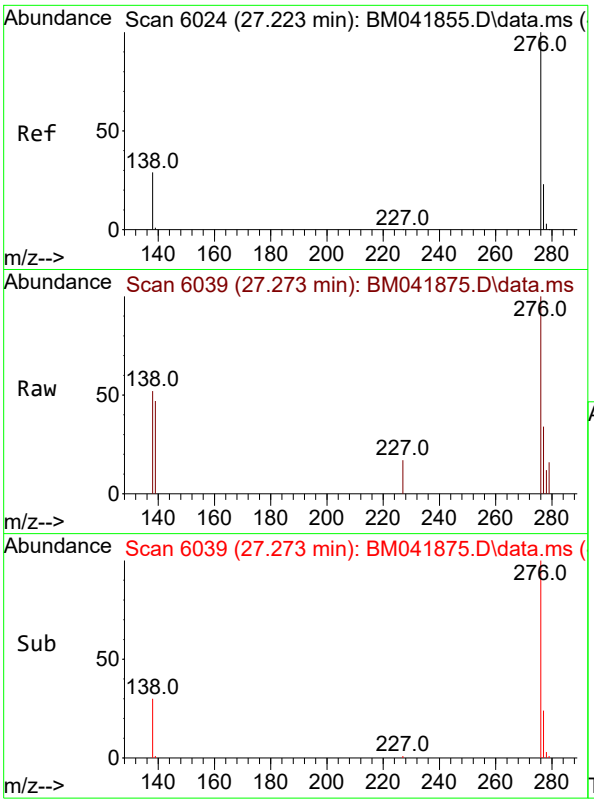


#28
Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul
RT: 26.485 min Scan# 5804
Delta R.T. 0.010 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

Tgt Ion:278 Resp: 4234

Ion	Ratio	Lower	Upper
278	100		
139	250.9	20.9	31.3#
279	85.9	20.3	30.5#





#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 27.273 min Scan# 6
Delta R.T. 0.037 min
Lab File: BM041875.D
Acq: 14 Sep 2023 21:53

Instrument :
BNA_M
ClientSampleId :
EZYK2DL

Tgt Ion:276 Resp: 24137

Ion	Ratio	Lower	Upper
276	100		
138	52.4	24.7	37.1#
277	34.4	19.3	28.9#