Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060121\
Data File : BM030248.D
Acq On : 01 Jun 2021 22:11
Operator : CG/JU
Sample : M2528-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YARK5MSD

Quant Time: Jun 02 01:11:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM060121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 02 01:10:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	4667	0.40	ng/ul	0.00
4) Naphthalene-d8	10.657	136	16195	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.485	164	8927	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.218	188	18248	0.40	ng/ul	0.00
17) Chrysene-d12	21.374	240	14466	0.40	ng/ul	0.00
23) Perylene-d12	23.661	264	12047	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	455	0.10	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.241	152	7746	0.33	ng/ul	0.00
18) Fluoranthene-d10	19.237	212	18729	0.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	1916	0.39	ng/ul#	66
5) Naphthalene	10.702	128	17409	0.36	ng/ul	99
7) 2-Methylnaphthalene	12.313	142	11741	0.36	ng/ul	100
8) 1-Methylnaphthalene	12.533	142	10873	0.35	ng/ul	100
10) Acenaphthylene	14.208	152	14364	0.34	ng/ul	99
11) Acenaphthene	14.550	153	12356	0.34	ng/ul	100
12) Fluorene	15.532	166	14247	0.35	ng/ul	100
14) Pentachlorophenol	16.867	266	3713	0.65	ng/ul	98
15) Phenanthrene	17.259	178	24973	0.38	ng/ul	99
16) Anthracene	17.349	178	21266	0.38	ng/ul	99
19) Fluoranthene	19.268	202	30230	0.41	ng/ul	99
20) Pyrene	19.626	202	30978	0.41	ng/ul	98
21) Benzo(a)anthracene	21.362	228	25331	0.44	ng/ul	100
22) Chrysene	21.413	228	26939	0.43	ng/ul	100
24) Benzo(b)fluoranthene	22.970	252	26203	0.44	ng/ul	97
25) Benzo(k)fluoranthene	23.016	252	25232	0.44	ng/ul	96
26) Benzo(a)pyrene	23.559	252	20399	0.42	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.982	276	24675	0.39	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.996	278	19984	0.39	ng/ul	99
29) Benzo(g,h,i)perylene	26.691	276	21161	0.38	ng/ul	99

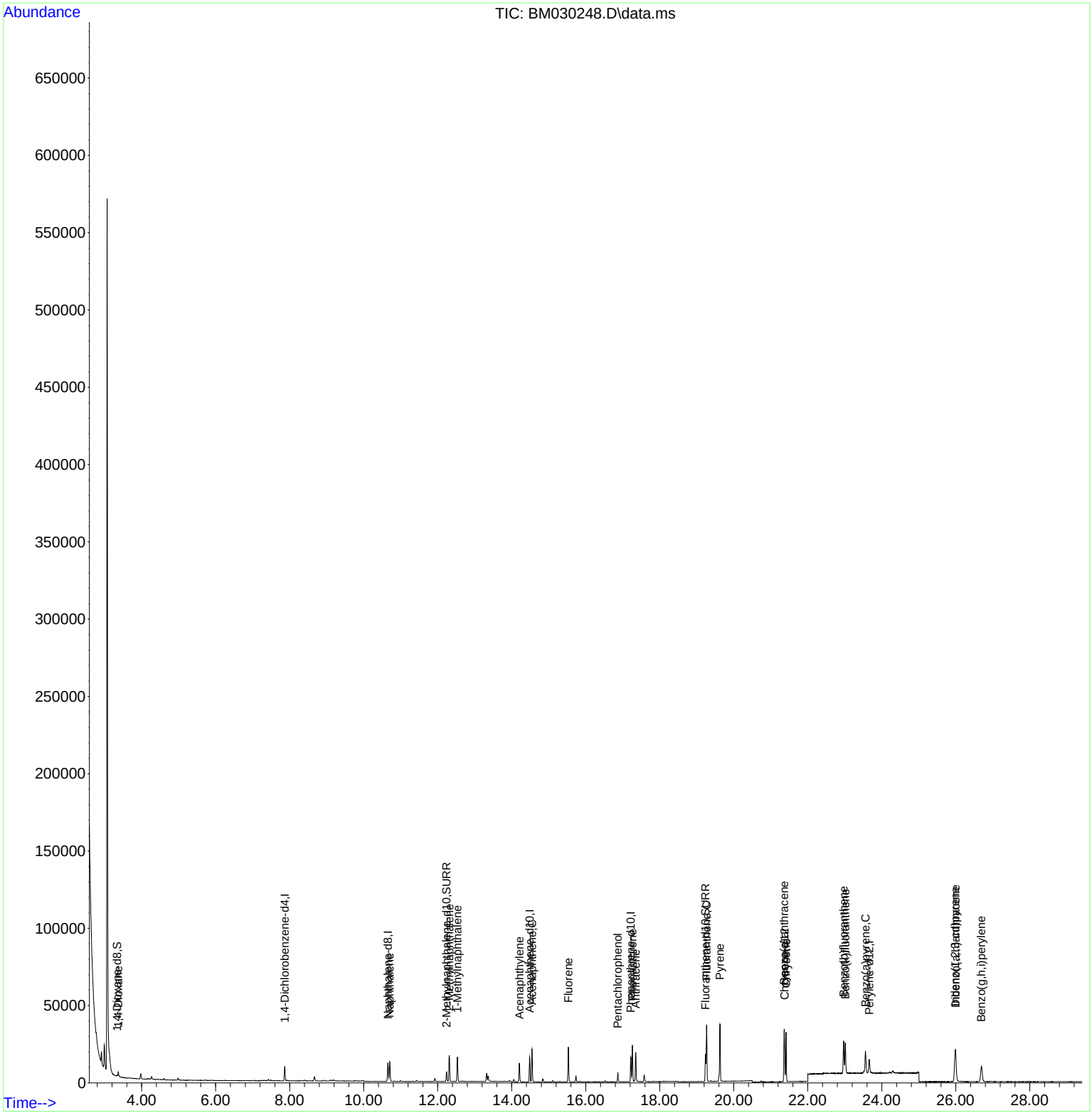
(#) = qualifier out of range (m) = manual integration (+) = signals summed

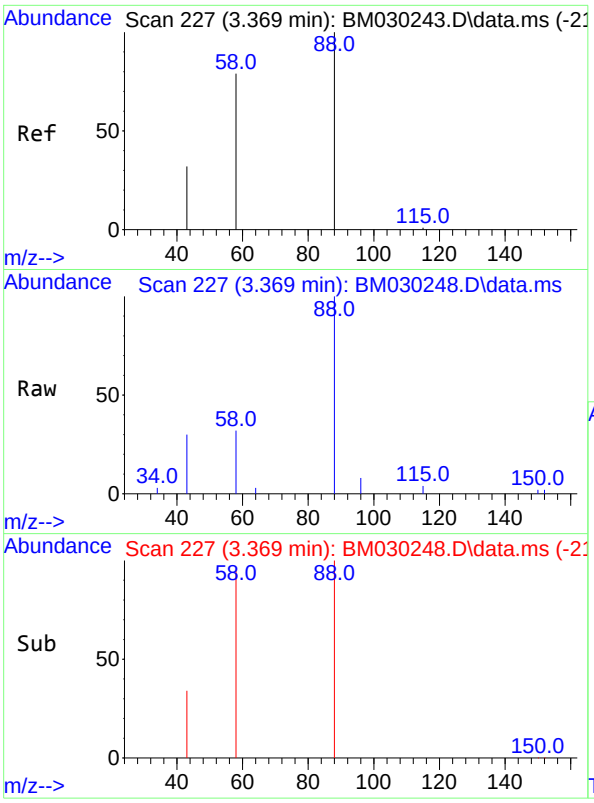
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060121\
Data File : BM030248.D
Acq On : 01 Jun 2021 22:11
Operator : CG/JU
Sample : M2528-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YARK5MSD

Quant Time: Jun 02 01:11:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM060121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 02 01:10:46 2021
Response via : Initial Calibration

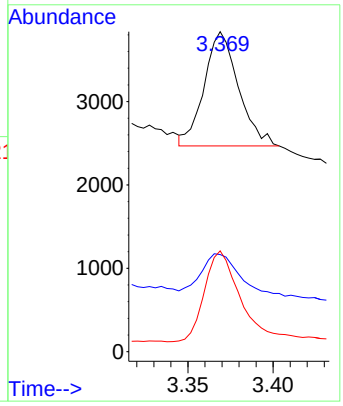




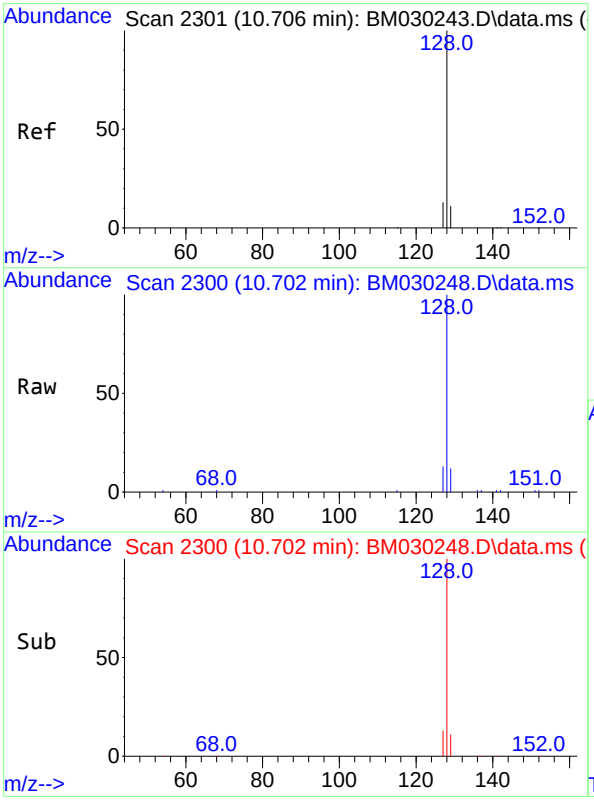
#2
1,4-Dioxane
Concen: 0.39 ng/ul
RT: 3.369 min Scan# 227
Delta R.T. -0.000 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion: 88 Resp: 1916

Ion	Ratio	Lower	Upper
88	100		
43	30.4	38.2	57.4#
58	31.5	49.8	74.8#



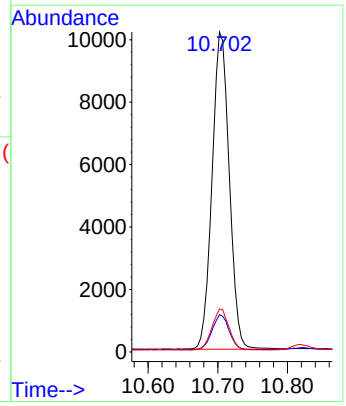
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

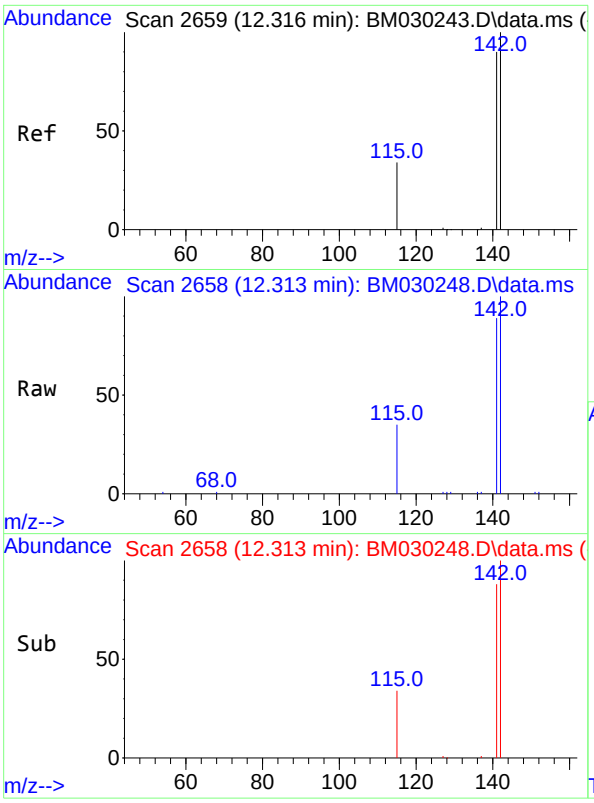


#5
Naphthalene
Concen: 0.36 ng/ul
RT: 10.702 min Scan# 2300
Delta R.T. -0.005 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion:128 Resp: 17409

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	13.4	10.5	15.7

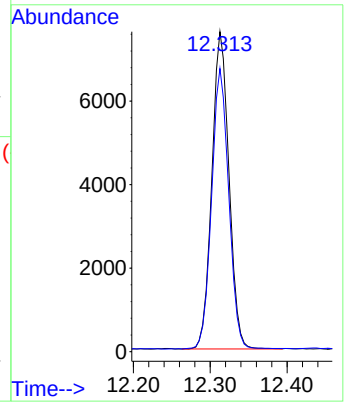




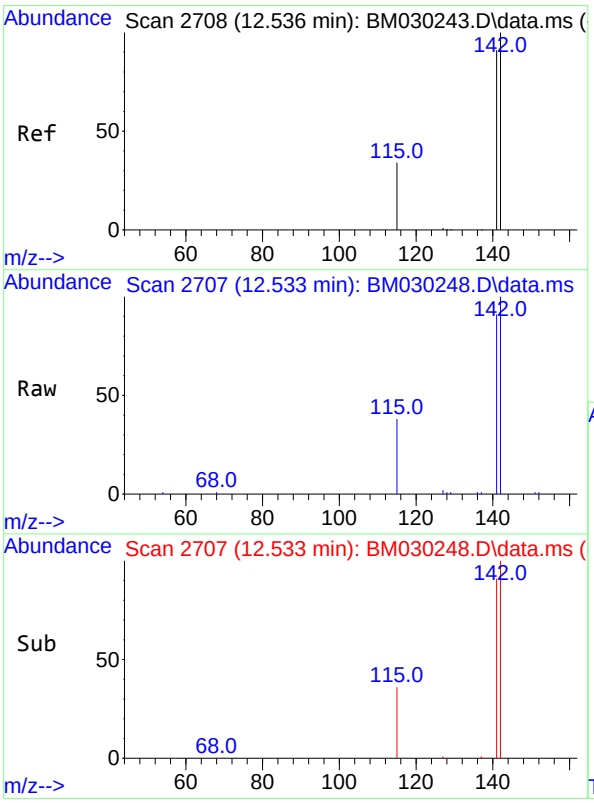
#7
2-Methylnaphthalene
Concen: 0.36 ng/ul
RT: 12.313 min Scan# 2658
Delta R.T. -0.000 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion:142 Resp: 11741

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.5	107.3



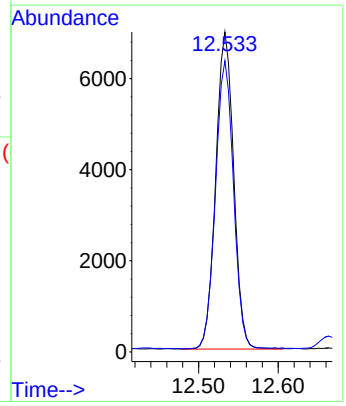
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

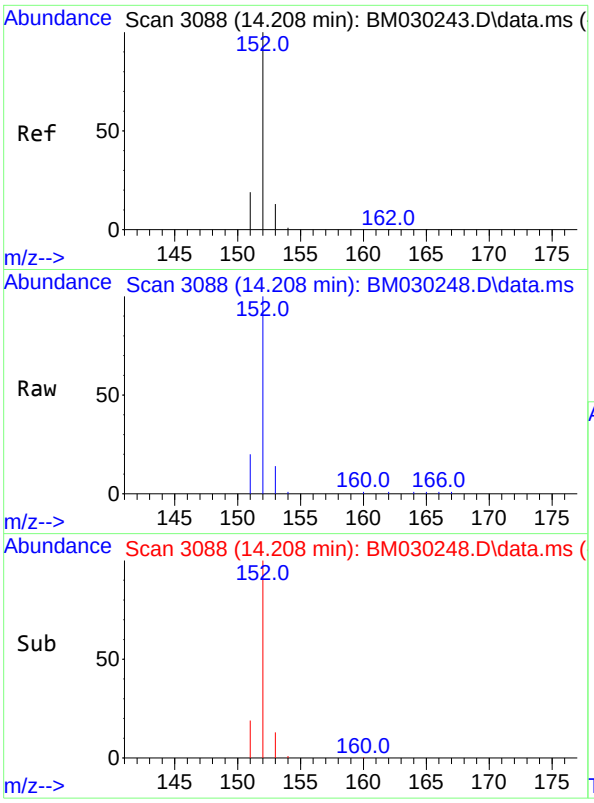


#8
1-Methylnaphthalene
Concen: 0.35 ng/ul
RT: 12.533 min Scan# 2707
Delta R.T. -0.000 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion:142 Resp: 10873

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.3	109.9

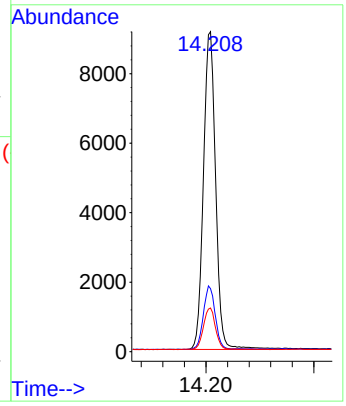




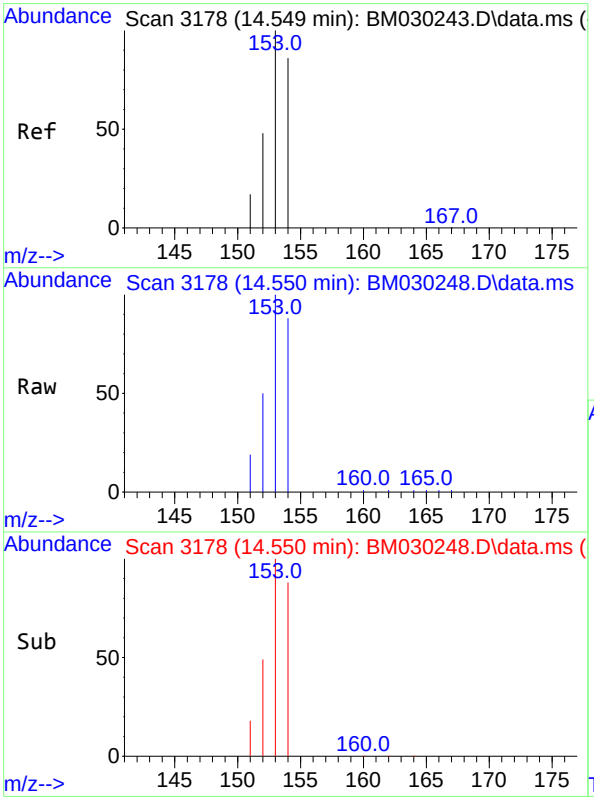
#10
Acenaphthylene
Concen: 0.34 ng/ul
RT: 14.208 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion:152 Resp: 14364

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	13.7	10.9	16.3



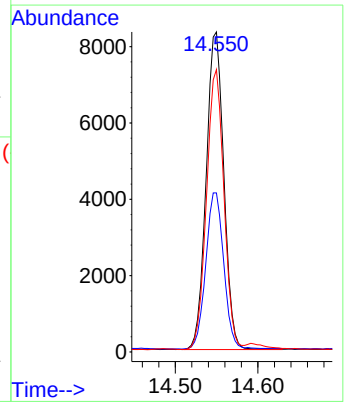
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

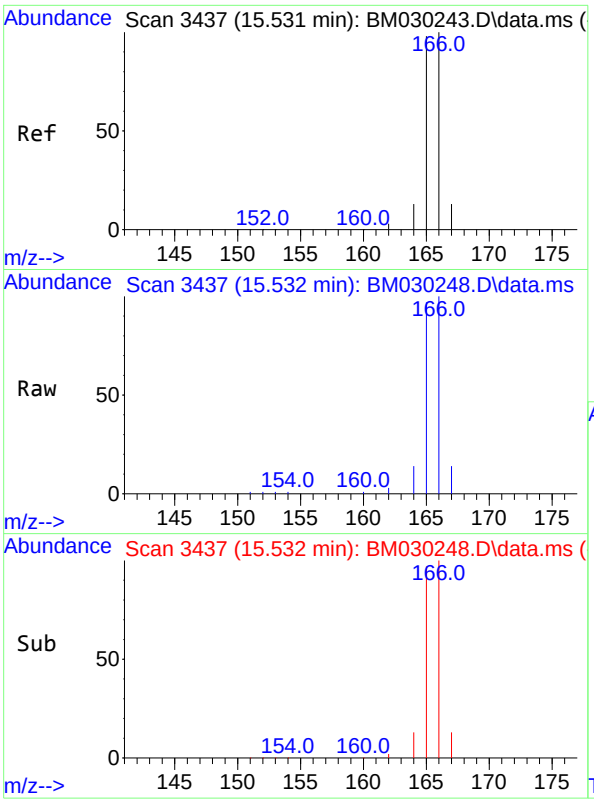


#11
Acenaphthene
Concen: 0.34 ng/ul
RT: 14.550 min Scan# 3178
Delta R.T. -0.000 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion:153 Resp: 12356

Ion	Ratio	Lower	Upper
153	100		
152	49.7	39.8	59.8
154	88.2	70.9	106.3

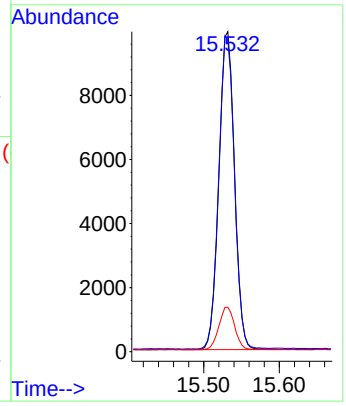




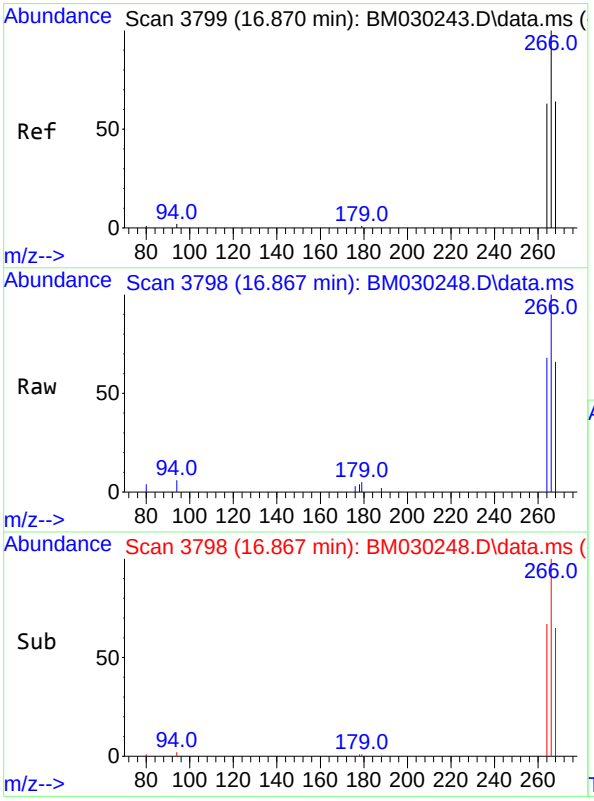
#12
Fluorene
Concen: 0.35 ng/ul
RT: 15.532 min Scan# 3437
Delta R.T. -0.000 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion:166 Resp: 14247

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.2	117.2
167	13.9	10.9	16.3



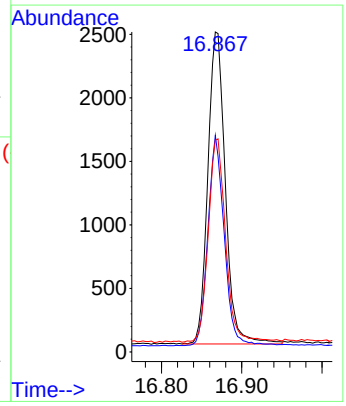
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

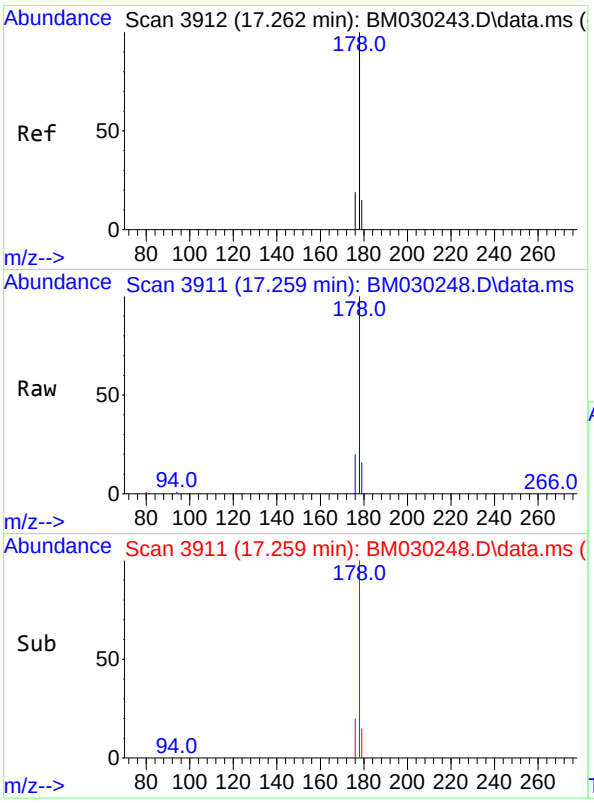


#14
Pentachlorophenol
Concen: 0.65 ng/ul
RT: 16.867 min Scan# 3798
Delta R.T. -0.004 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion:266 Resp: 3713

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.6	75.8
268	65.0	50.0	75.0

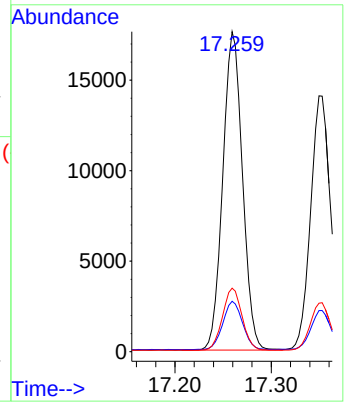




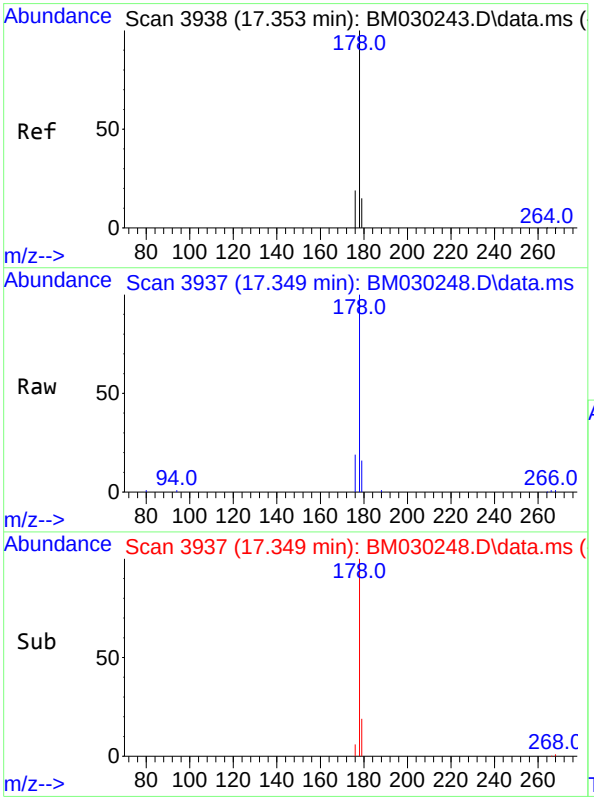
#15
Phenanthrene
Concen: 0.38 ng/ul
RT: 17.259 min Scan# 3911
Delta R.T. -0.004 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion:178 Resp: 24973

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	19.8	15.6	23.4



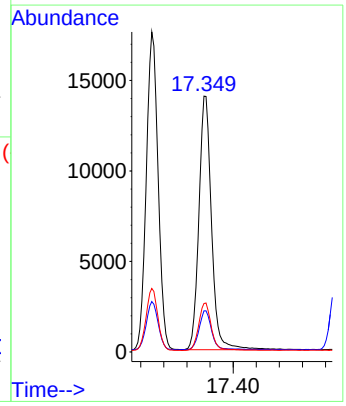
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

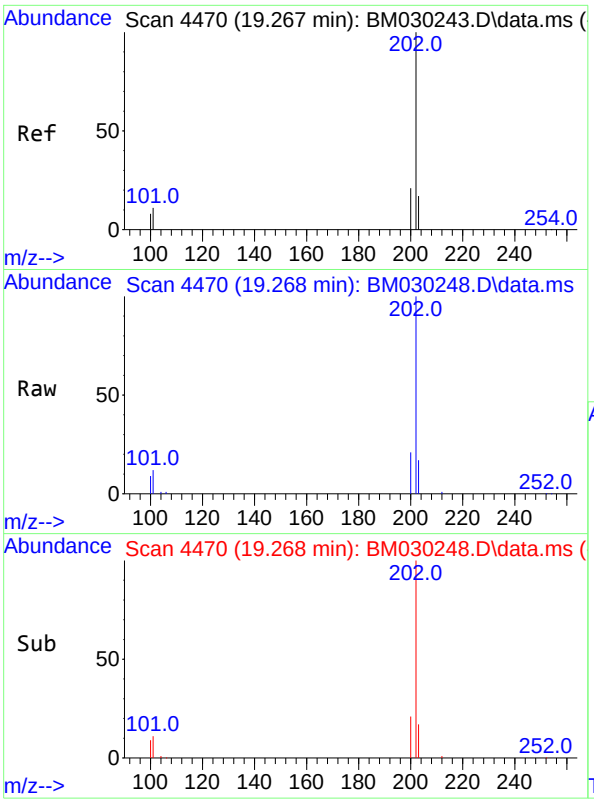


#16
Anthracene
Concen: 0.38 ng/ul
RT: 17.349 min Scan# 3937
Delta R.T. -0.004 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion:178 Resp: 21266

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.1	19.7
176	19.0	15.7	23.5

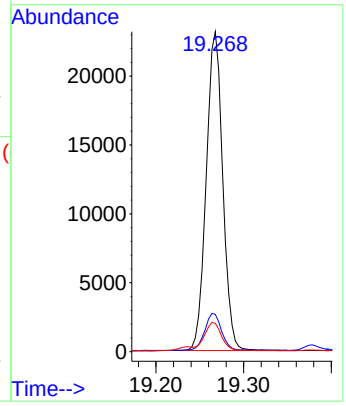


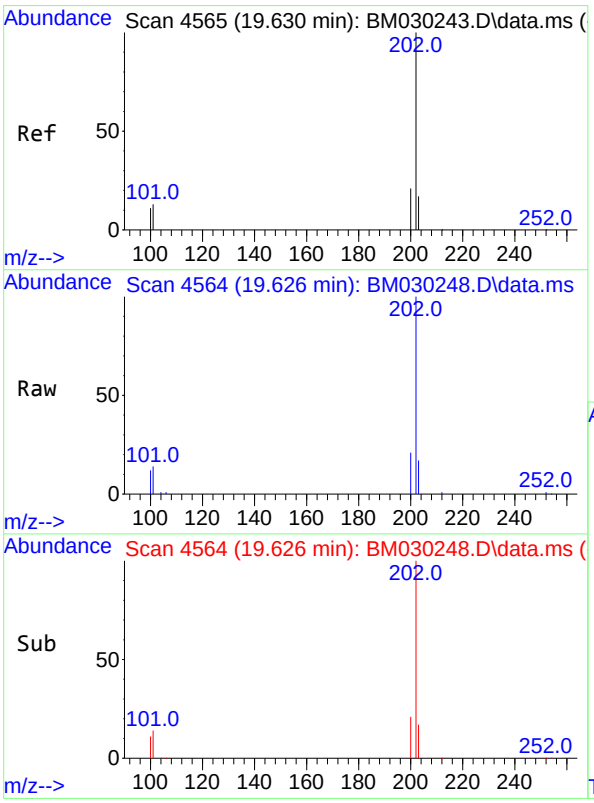


#19
Fluoranthene
Concen: 0.41 ng/ul
RT: 19.268 min Scan# 4470
Delta R.T. -0.000 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion:202 Resp: 30230

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.7	14.5
100	8.8	7.4	11.0

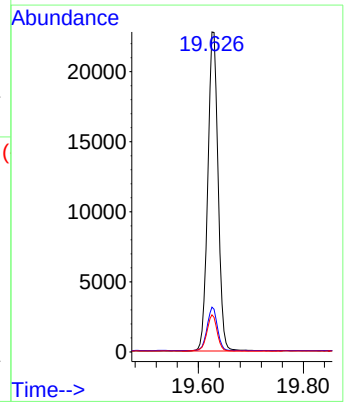




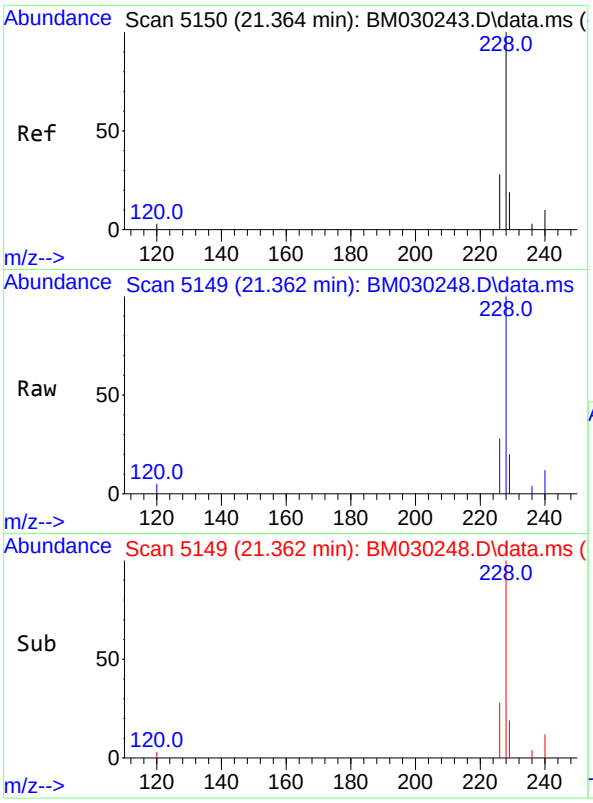
#20
Pyrene
Concen: 0.41 ng/ul
RT: 19.626 min Scan# 4564
Delta R.T. -0.004 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion:202 Resp: 30978

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.6	16.0
100	11.6	8.9	13.3



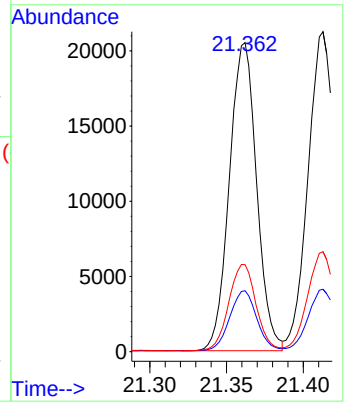
Instrument :
BNA_M
ClientSampleId :
YARK5MSD



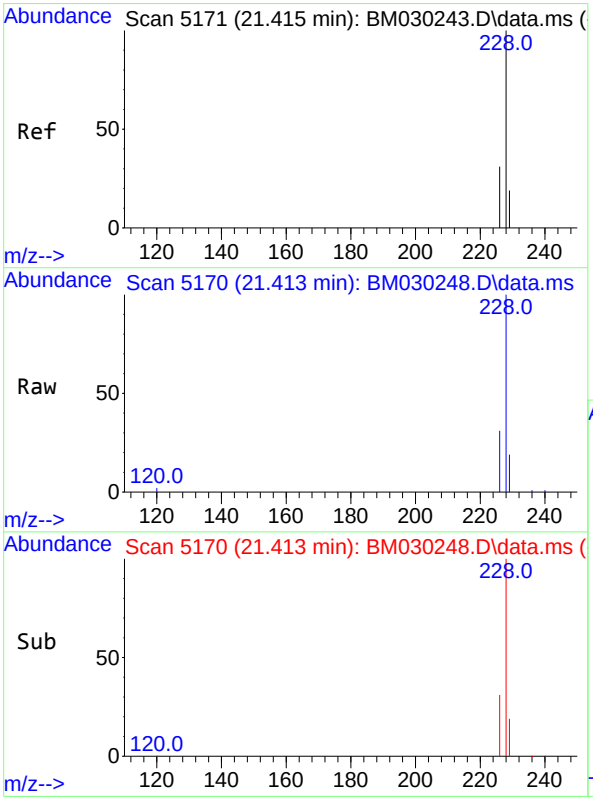
#21
Benzo(a)anthracene
Concen: 0.44 ng/ul
RT: 21.362 min Scan# 5149
Delta R.T. -0.003 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion:228 Resp: 25331

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.9	23.9
226	28.2	22.3	33.5



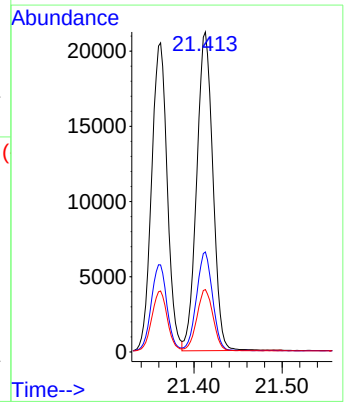
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

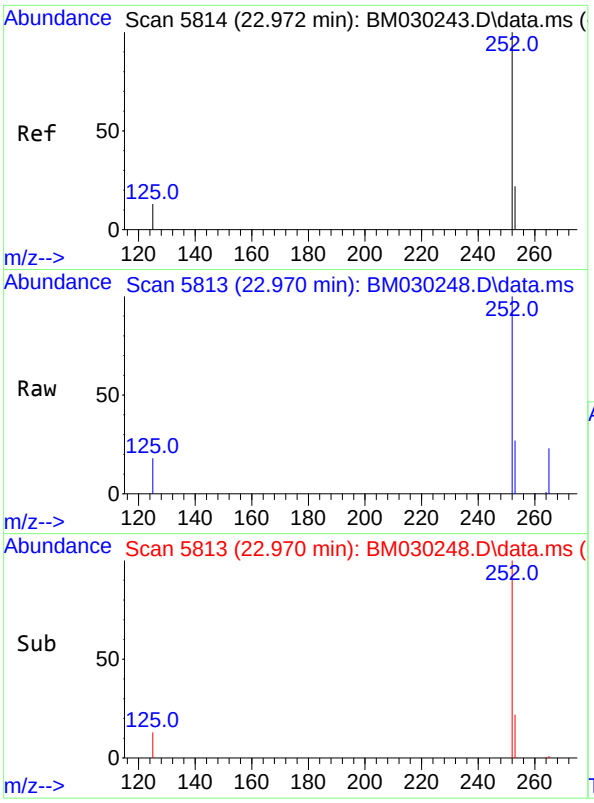


#22
Chrysene
Concen: 0.43 ng/ul
RT: 21.413 min Scan# 5170
Delta R.T. -0.003 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion:228 Resp: 26939

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	19.5	15.7	23.5

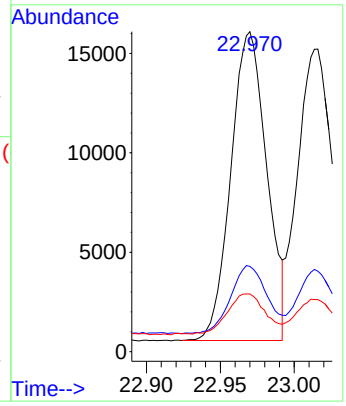




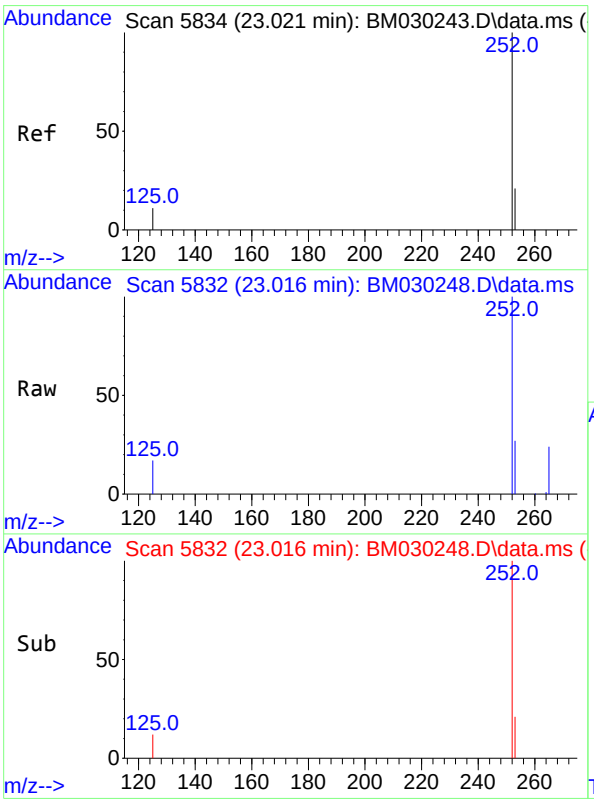
#24
Benzo(b)fluoranthene
Concen: 0.44 ng/ul
RT: 22.970 min Scan# 5813
Delta R.T. -0.003 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion:252 Resp: 26203

Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	57.4
125	18.0	0.0	38.0



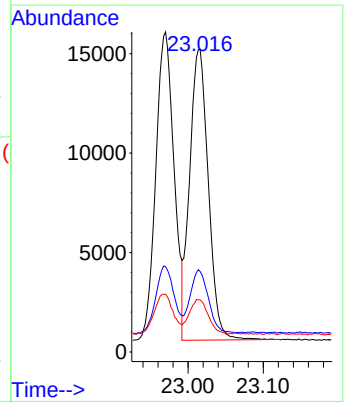
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

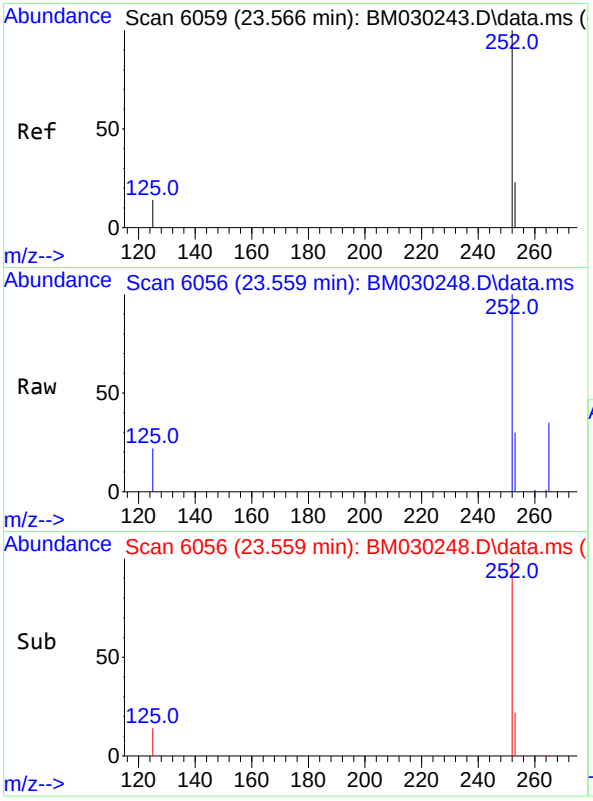


#25
Benzo(k)fluoranthene
Concen: 0.44 ng/ul
RT: 23.016 min Scan# 5832
Delta R.T. -0.003 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion:252 Resp: 25232

Ion	Ratio	Lower	Upper
252	100		
253	26.6	23.0	34.6
125	17.2	14.8	22.2

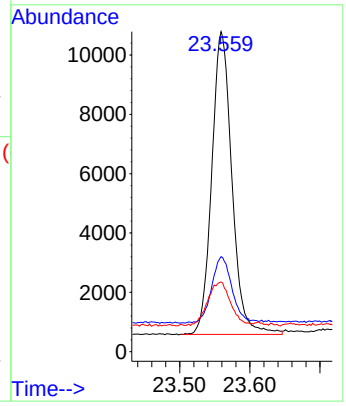




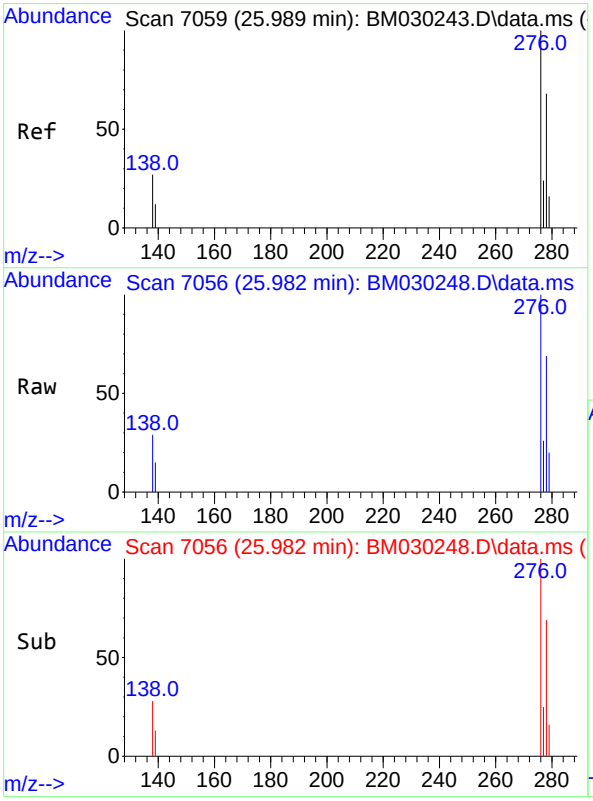
#26
Benzo(a)pyrene
Concen: 0.42 ng/ul
RT: 23.559 min Scan# 6056
Delta R.T. -0.005 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion:252 Resp: 20399

Ion	Ratio	Lower	Upper
252	100		
253	29.7	25.3	37.9
125	21.8	17.6	26.4



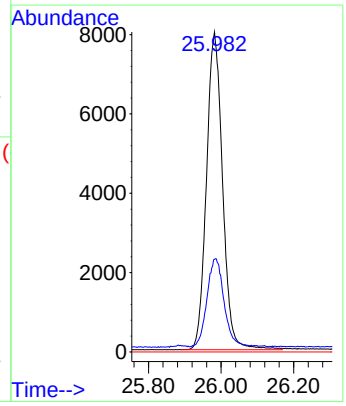
Instrument :
BNA_M
ClientSampleId :
YARK5MSD

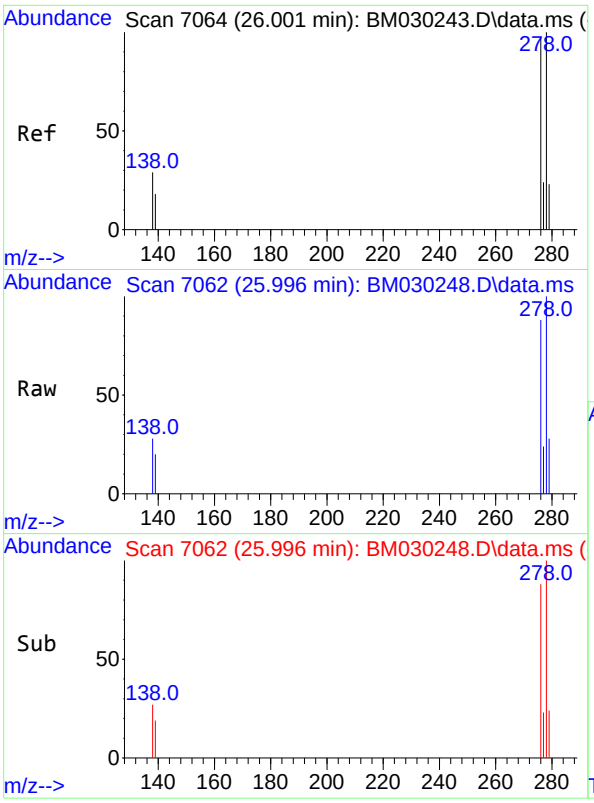


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng/ul
RT: 25.982 min Scan# 7056
Delta R.T. -0.003 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion:276 Resp: 24675

Ion	Ratio	Lower	Upper
276	100		
138	29.3	22.3	33.5
227	0.0	0.0	0.0

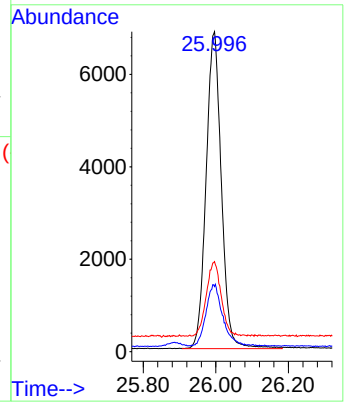




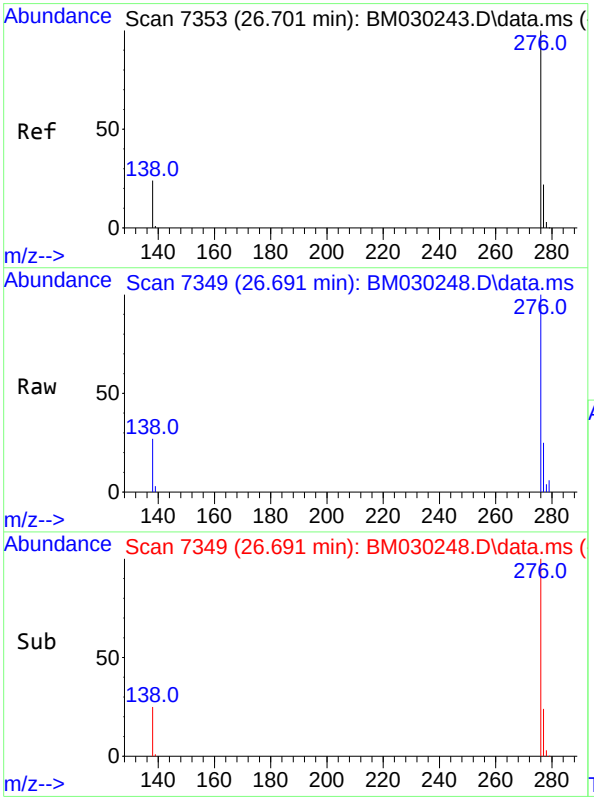
#28
Dibenzo(a,h)anthracene
Concen: 0.39 ng/ul
RT: 25.996 min Scan# 7062
Delta R.T. -0.005 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion:278 Resp: 19984

Ion	Ratio	Lower	Upper
278	100		
139	20.3	15.8	23.8
279	28.1	23.2	34.8



Instrument :
BNA_M
ClientSampleId :
YARK5MSD



#29
Benzo(g,h,i)perylene
Concen: 0.38 ng/ul
RT: 26.691 min Scan# 7349
Delta R.T. -0.007 min
Lab File: BM030248.D
Acq: 01 Jun 2021 22:11

Tgt Ion:276 Resp: 21161

Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.5	32.3
277	24.9	19.5	29.3