Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
Data File : BM033568.D
Acq On : 22 Dec 2021 09:38
Operator : CG/JU
Sample : SSTD0.223
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 22 12:14:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 12:12:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	448	0.400	ng/ul	0.00
4) Naphthalene-d8	10.724	136	1212	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	703	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	1547	0.400	ng/ul	0.00
17) Chrysene-d12	21.487	240	1899	0.400	ng/ul	0.00
23) Perylene-d12	23.887	264	1986	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	78	0.215	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.317	152	322	0.210	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	942	0.228	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.372	88	104	0.219	ng/ul#	76
5) Naphthalene	10.778	128	812	0.183	ng/ul#	87
7) 2-Methylnaphthalene	12.393	142	531	0.210	ng/ul	95
8) 1-Methylnaphthalene	12.604	142	492	0.188	ng/ul	95
10) Acenaphthylene	14.284	152	761	0.193	ng/ul	92
11) Acenaphthene	14.621	153	591	0.191	ng/ul	95
12) Fluorene	15.615	166	640	0.194	ng/ul#	98
14) Pentachlorophenol	16.976	266	178	0.321	ng/ul	94
15) Phenanthrene	17.354	178	1018	0.201	ng/ul#	85
16) Anthracene	17.451	178	919	0.206	ng/ul#	90
19) Fluoranthene	19.365	202	1267	0.254	ng/ul#	86
20) Pyrene	19.731	202	1318	0.239	ng/ul#	84
21) Benzo(a)anthracene	21.473	228	1092	0.258	ng/ul#	93
22) Chrysene	21.526	228	1228	0.233	ng/ul	94
24) Benzo(b)fluoranthene	23.207	252	1380	0.261	ng/ul	67
25) Benzo(k)fluoranthene	23.207	252	1380	0.228	ng/ul#	70
26) Benzo(a)pyrene	23.786	252	1150	0.226	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.378	276	1673	0.294	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.395	278	1343	0.285	ng/ul#	77
29) Benzo(g,h,i)perylene	27.141	276	1448	0.283	ng/ul#	86

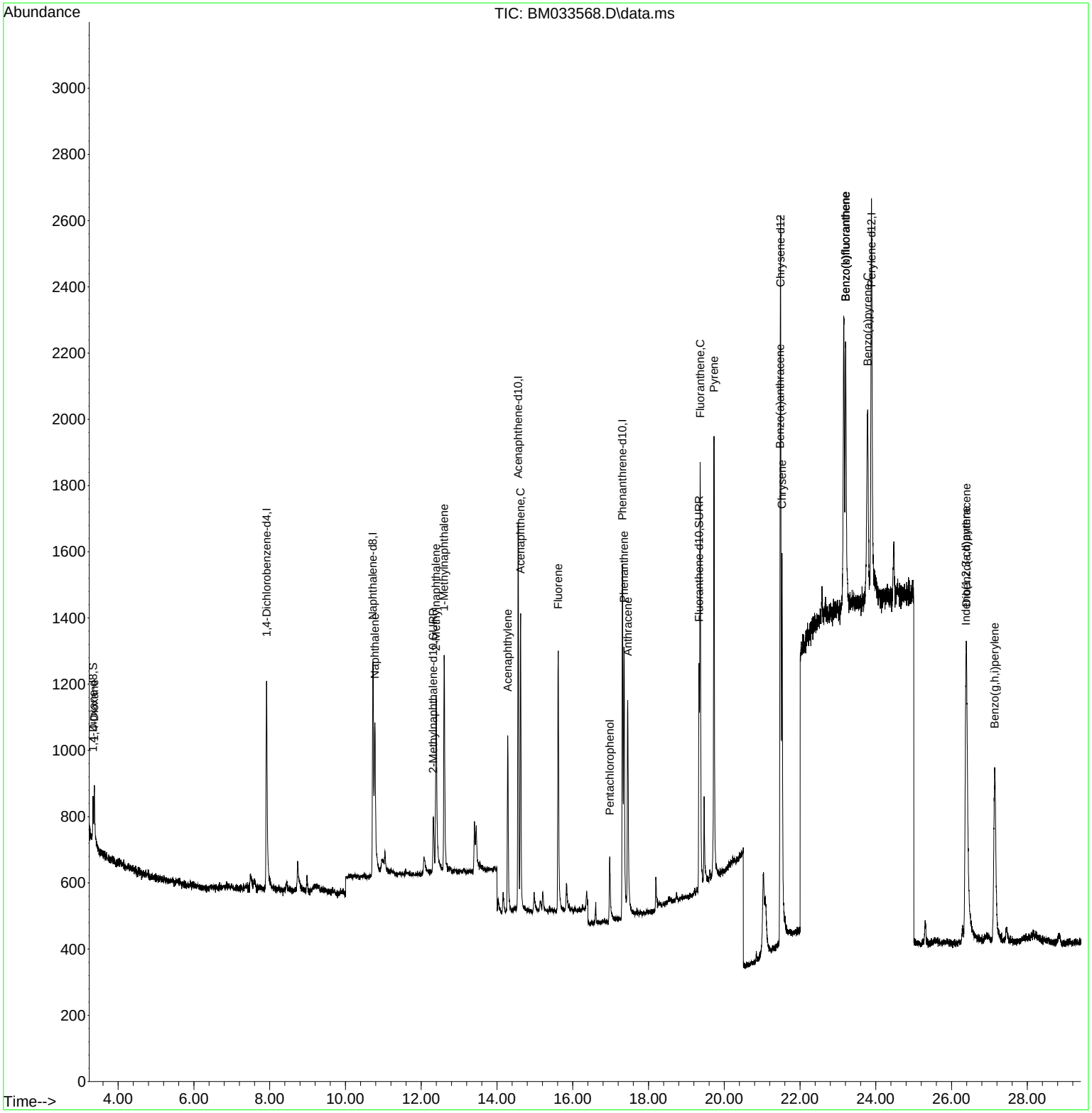
(#) = qualifier out of range (m) = manual integration (+) = signals summed

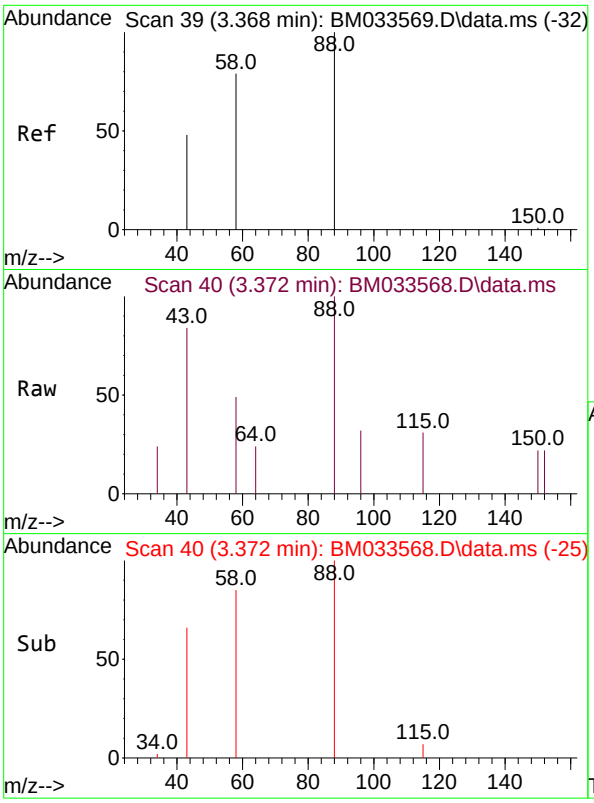
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
Data File : BM033568.D
Acq On : 22 Dec 2021 09:38
Operator : CG/JU
Sample : SSTD0.223
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 22 12:14:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 12:12:20 2021
Response via : Initial Calibration



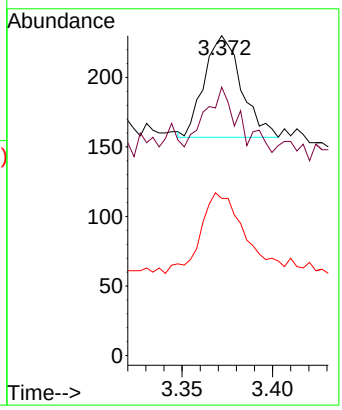


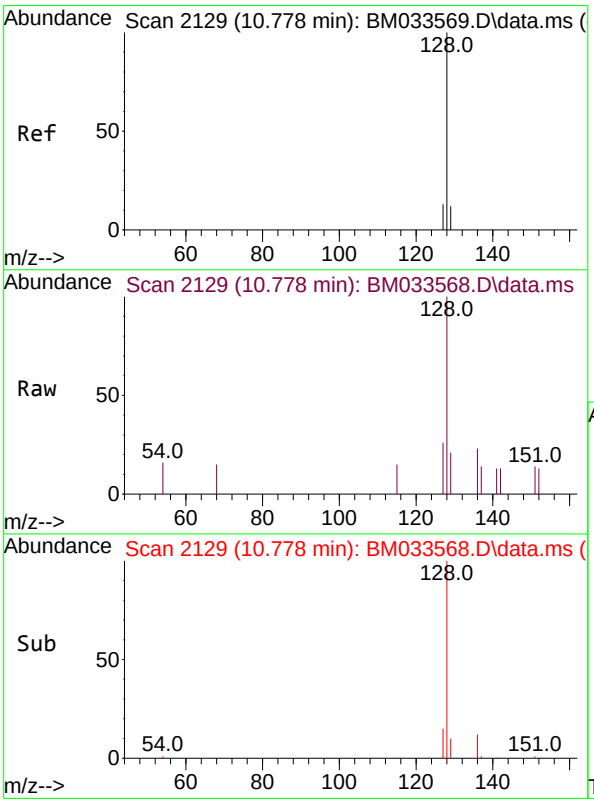
#2
1,4-Dioxane
Concen: 0.219 ng/ul
RT: 3.372 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 104

Ion	Ratio	Lower	Upper
88	100		
43	83.9	49.7	74.5#
58	49.1	52.5	78.7#

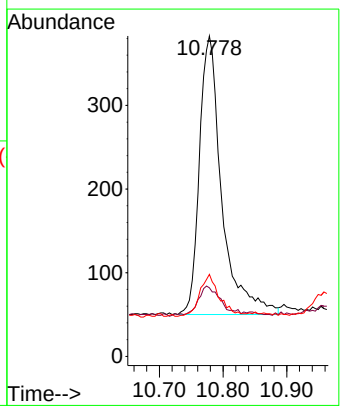


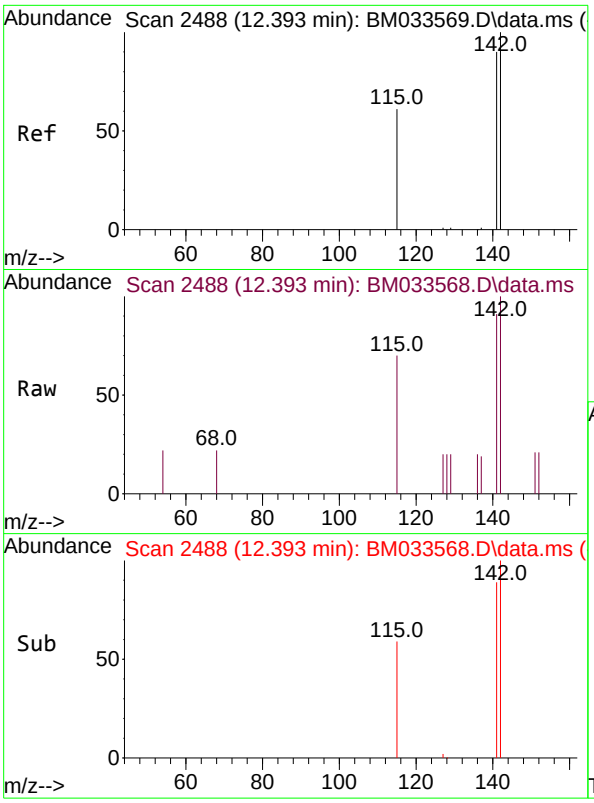


#5
Naphthalene
Concen: 0.183 ng/ul
RT: 10.778 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Tgt Ion:128 Resp: 812

Ion	Ratio	Lower	Upper
128	100		
129	21.4	13.4	20.2#
127	25.6	15.2	22.8#



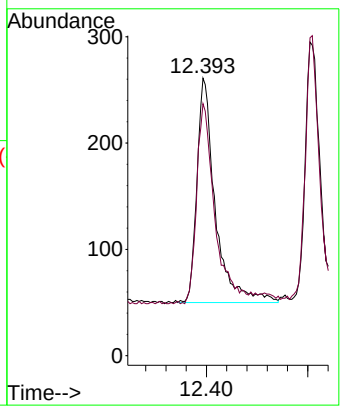


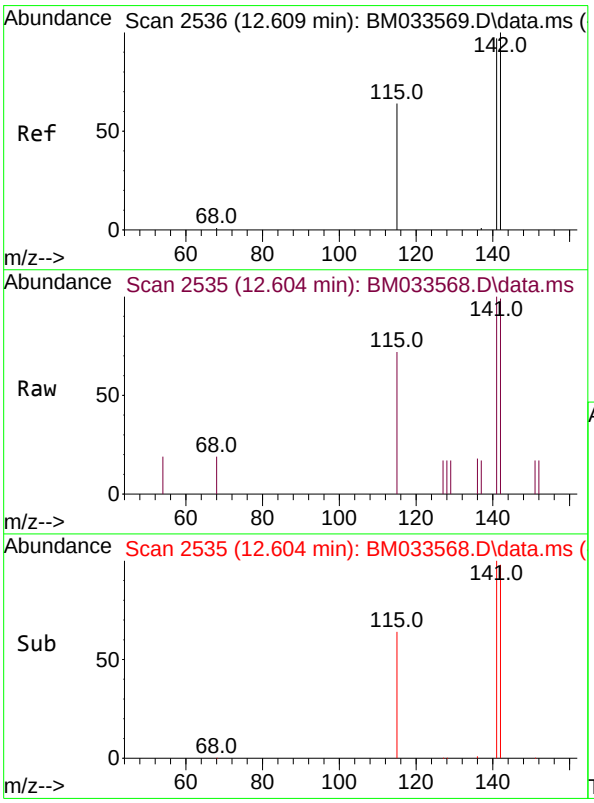
#7
2-Methylnaphthalene
Concen: 0.210 ng/ul
RT: 12.393 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 531

Ion	Ratio	Lower	Upper
142	100		
141	94.2	71.8	107.6

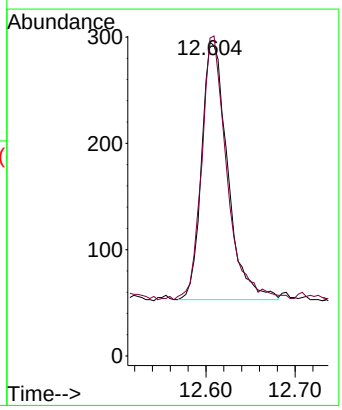


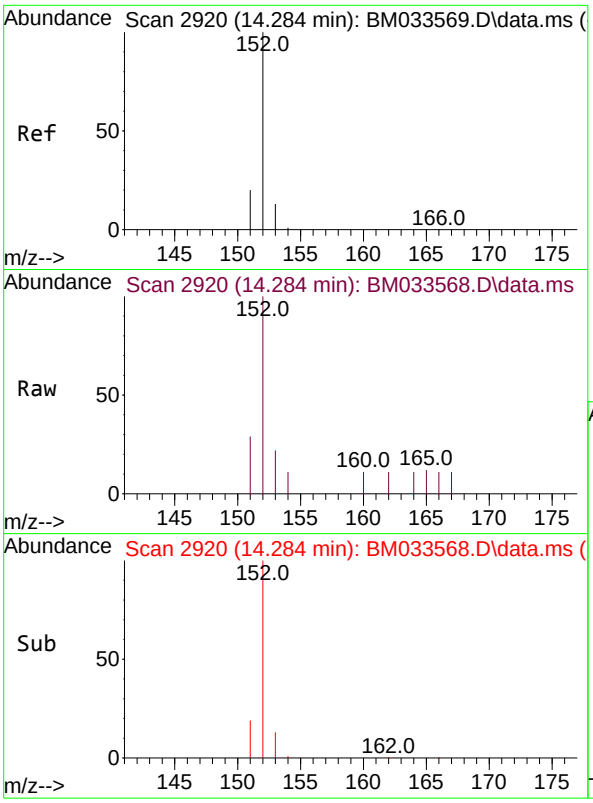


#8
1-Methylnaphthalene
Concen: 0.188 ng/ul
RT: 12.604 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Tgt Ion:142 Resp: 492

Ion	Ratio	Lower	Upper
142	100		
141	99.0	75.0	112.4



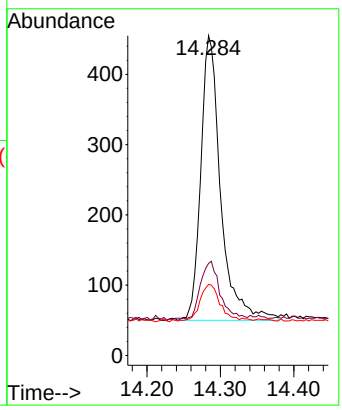


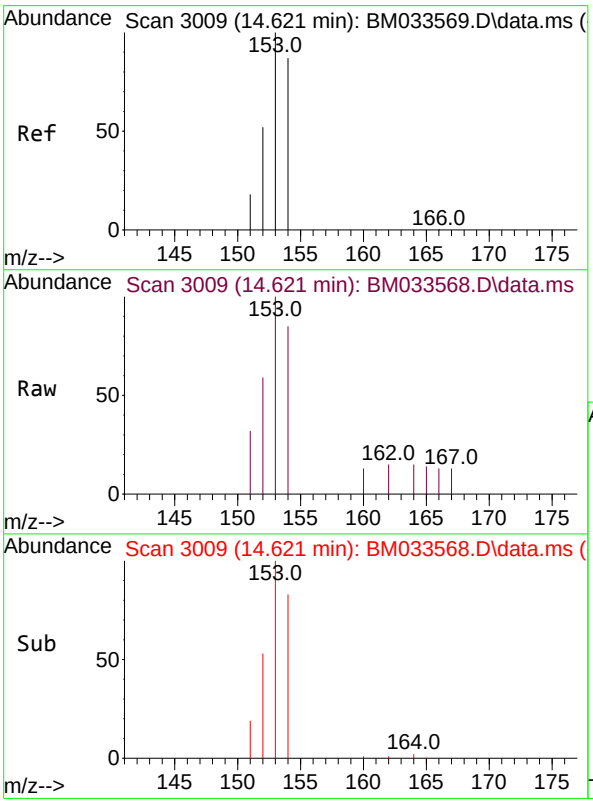
#10
Acenaphthylene
Concen: 0.193 ng/ul
RT: 14.284 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 761

Ion	Ratio	Lower	Upper
152	100		
151	28.8	19.9	29.9
153	22.2	15.0	22.4

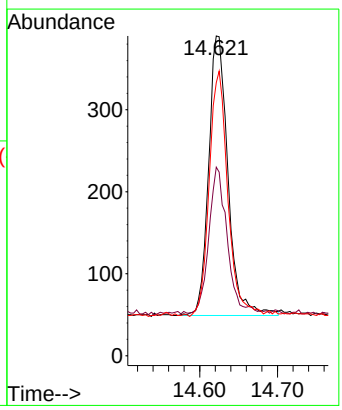


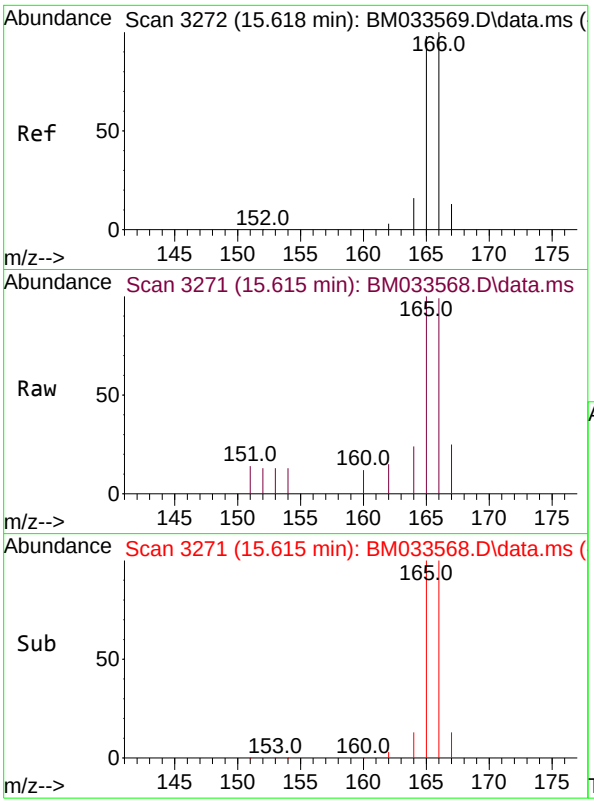


#11
Acenaphthene
Concen: 0.191 ng/ul
RT: 14.621 min Scan# 3009
Delta R.T. -0.000 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Tgt Ion:153 Resp: 591

Ion	Ratio	Lower	Upper
153	100		
152	59.0	42.4	63.6
154	85.4	66.2	99.2



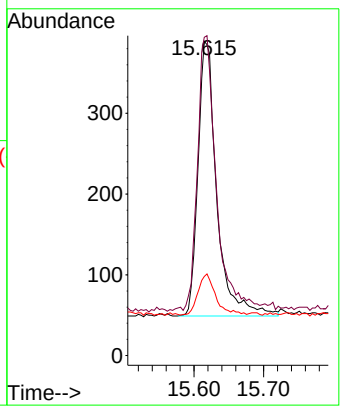


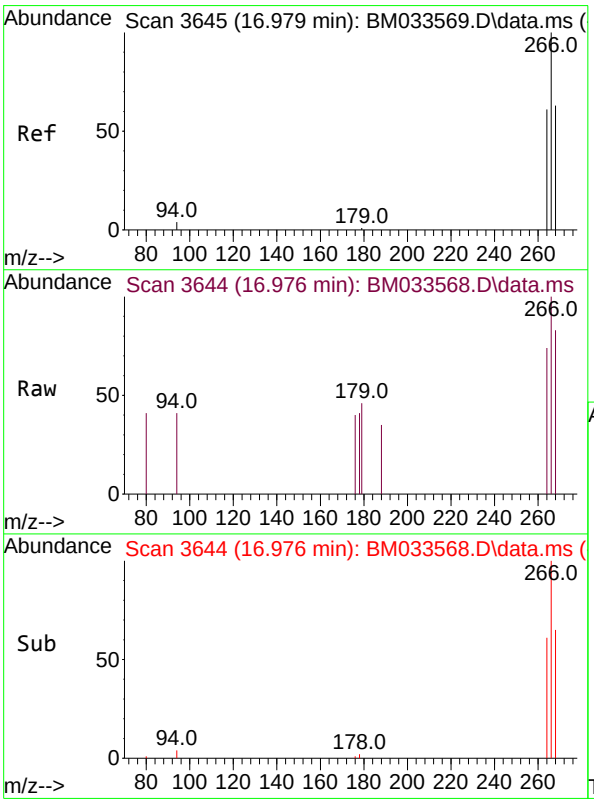
#12
Fluorene
Concen: 0.194 ng/ul
RT: 15.615 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 640

Ion	Ratio	Lower	Upper
166	100		
165	101.3	81.1	121.7
167	25.2	14.9	22.3#

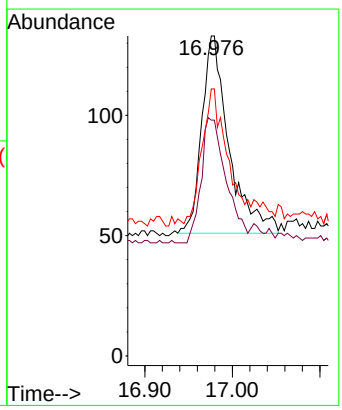


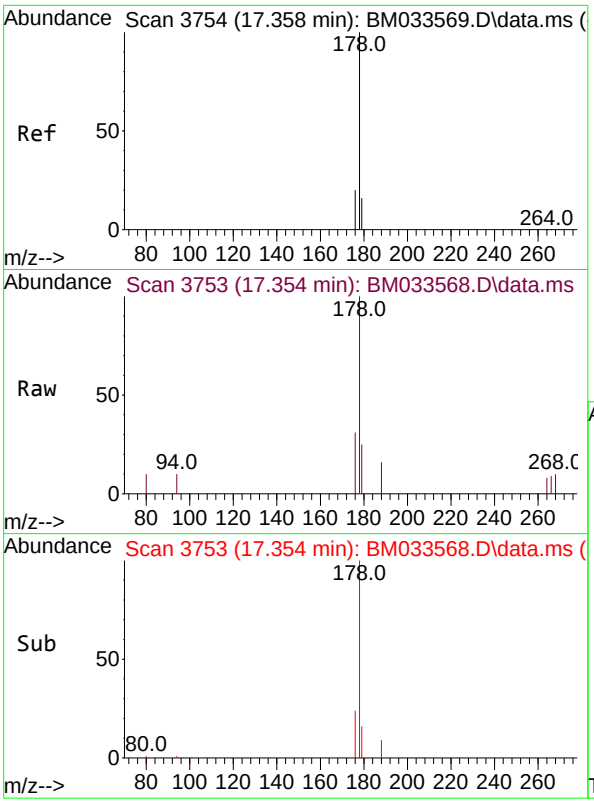


#14
Pentachlorophenol
Concen: 0.321 ng/ul
RT: 16.976 min Scan# 3644
Delta R.T. -0.003 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Tgt Ion:266 Resp: 178

Ion	Ratio	Lower	Upper
266	100		
264	57.9	51.4	77.0
268	69.1	53.1	79.7



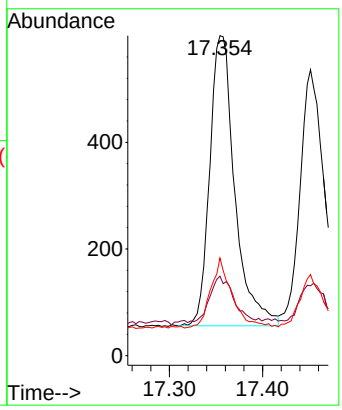


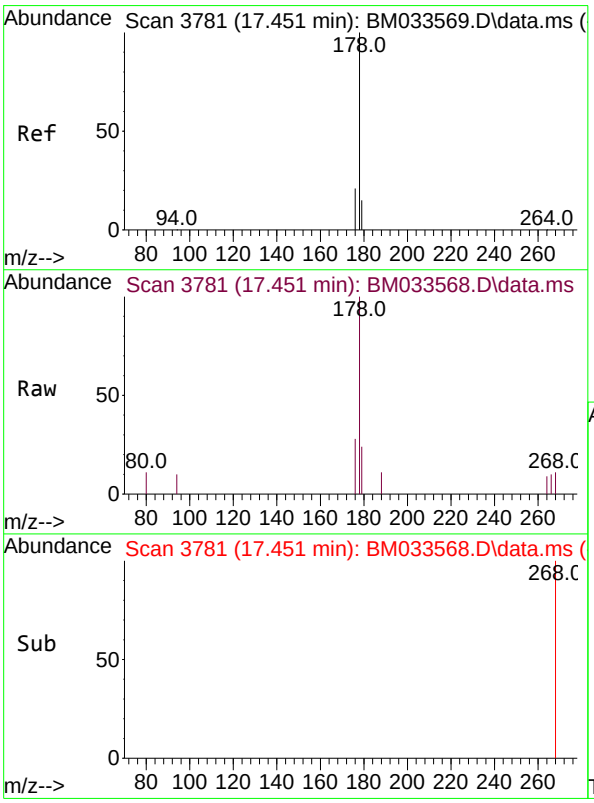
#15
Phenanthrene
Concen: 0.201 ng/ul
RT: 17.354 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1018

Ion	Ratio	Lower	Upper
178	100		
179	24.8	15.0	22.6#
176	30.5	17.9	26.9#

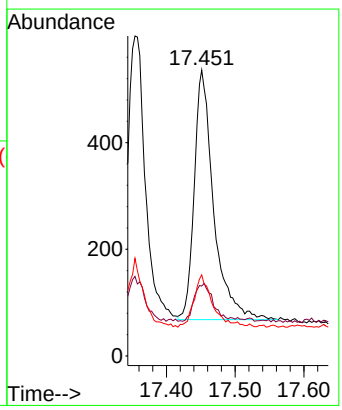


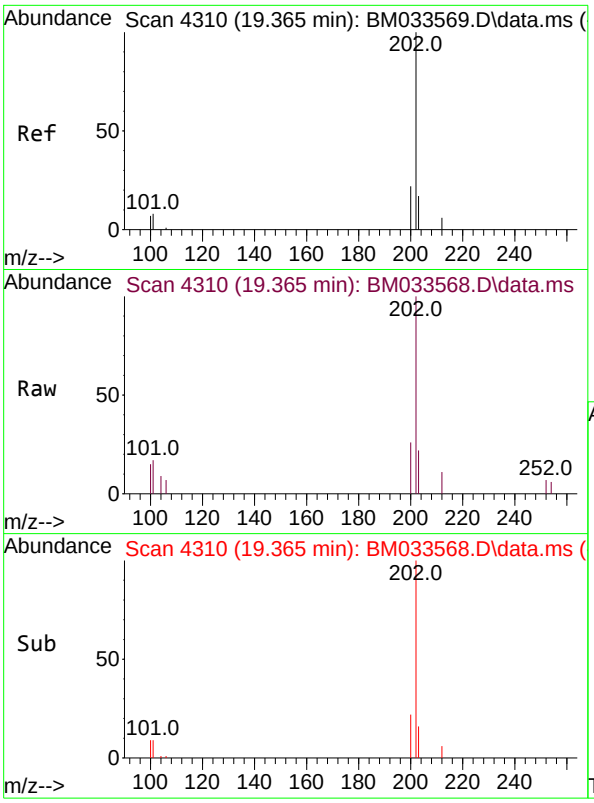


#16
Anthracene
Concen: 0.206 ng/ul
RT: 17.451 min Scan# 3781
Delta R.T. -0.000 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Tgt Ion:178 Resp: 919

Ion	Ratio	Lower	Upper
178	100		
179	24.4	16.5	24.7
176	28.4	18.3	27.5#



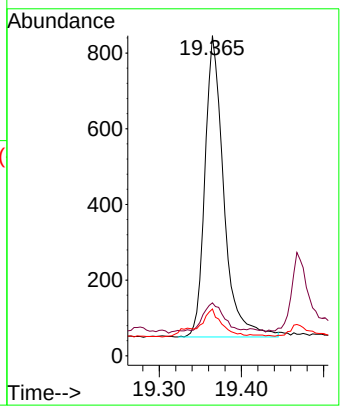


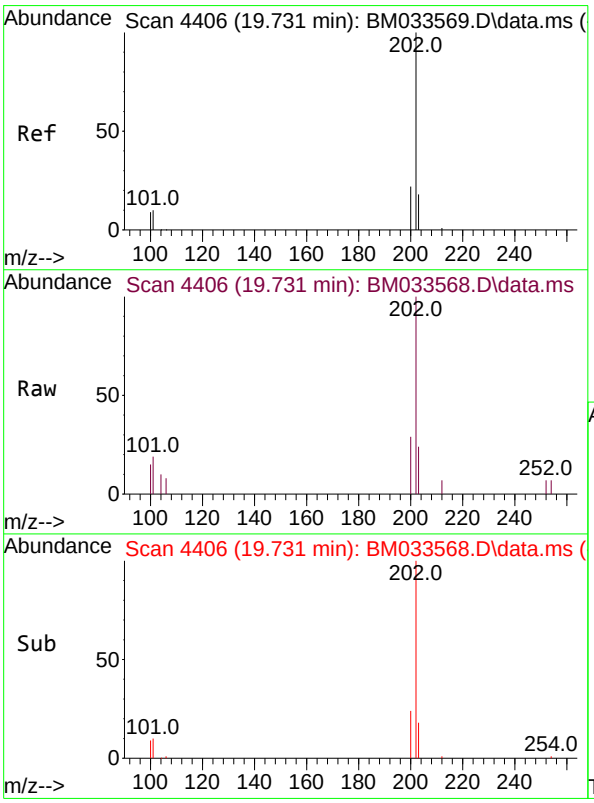
#19
Fluoranthene
Concen: 0.254 ng/ul
RT: 19.365 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1267

Ion	Ratio	Lower	Upper
202	100		
101	16.5	9.2	13.8#
100	14.7	7.2	10.8#

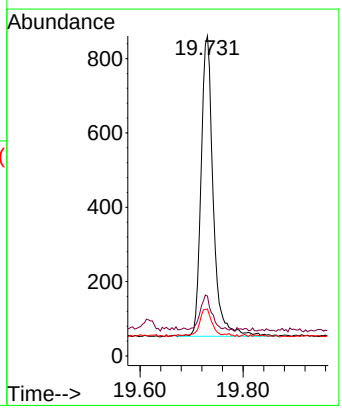


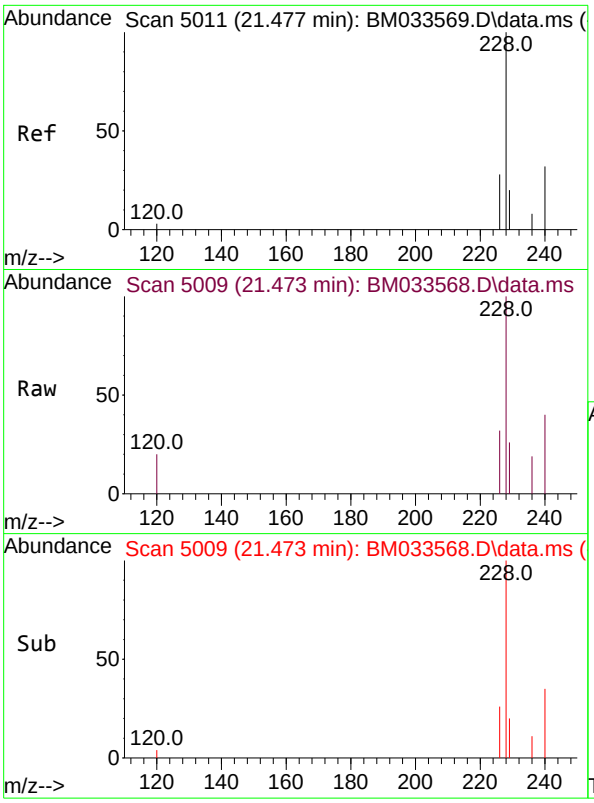


#20
Pyrene
Concen: 0.239 ng/ul
RT: 19.731 min Scan# 4406
Delta R.T. -0.000 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Tgt Ion:202 Resp: 1318

Ion	Ratio	Lower	Upper
202	100		
101	18.7	9.3	13.9#
100	14.6	7.8	11.6#



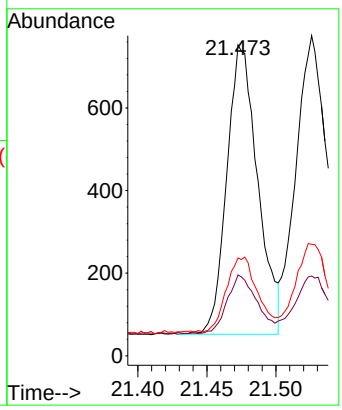


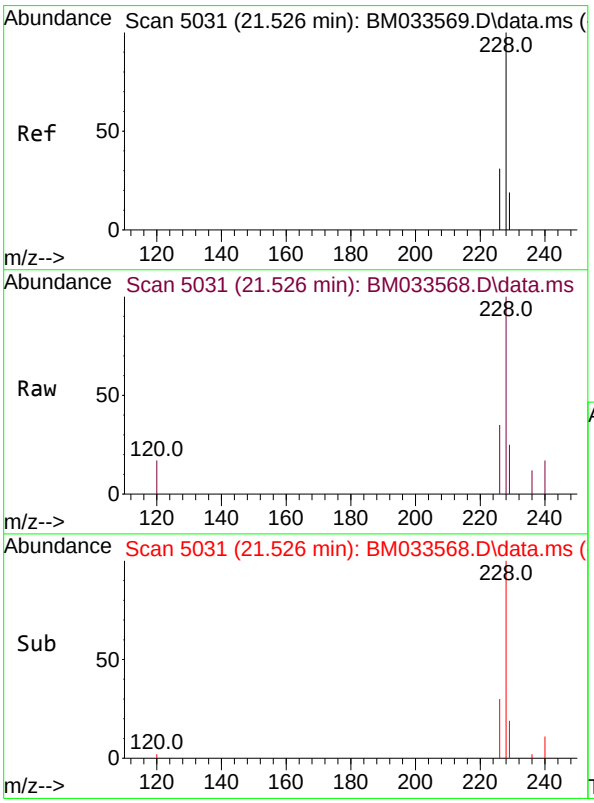
#21
Benzo(a)anthracene
Concen: 0.258 ng/ul
RT: 21.473 min Scan# 5
Delta R.T. -0.005 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1092

Ion	Ratio	Lower	Upper
228	100		
229	26.1	17.3	25.9#
226	31.5	23.2	34.8

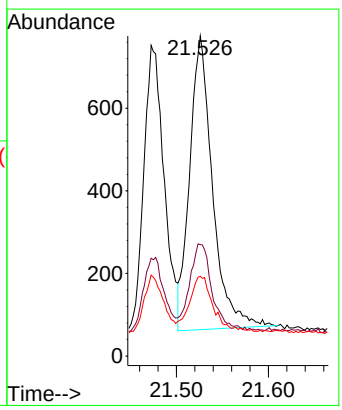


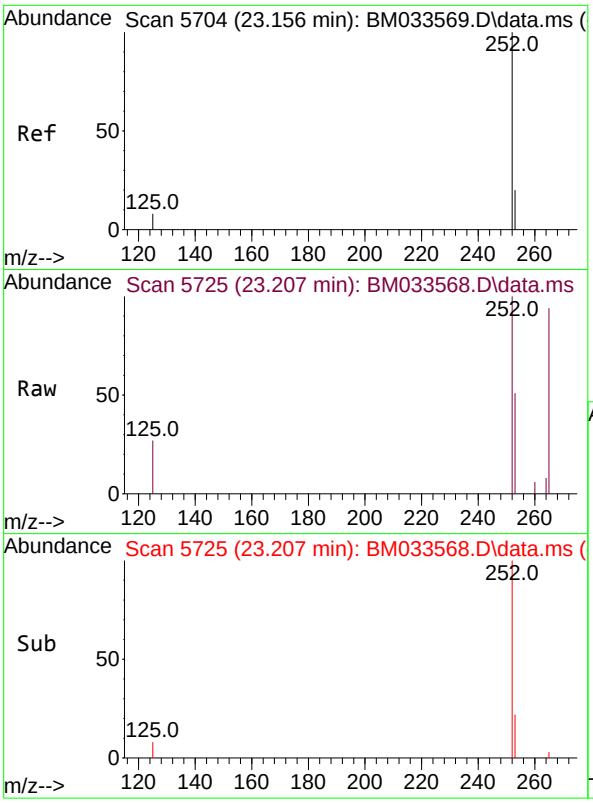


#22
Chrysene
Concen: 0.233 ng/ul
RT: 21.526 min Scan# 5031
Delta R.T. -0.000 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Tgt Ion:228 Resp: 1228

Ion	Ratio	Lower	Upper
228	100		
226	34.8	25.8	38.8
229	24.9	16.7	25.1



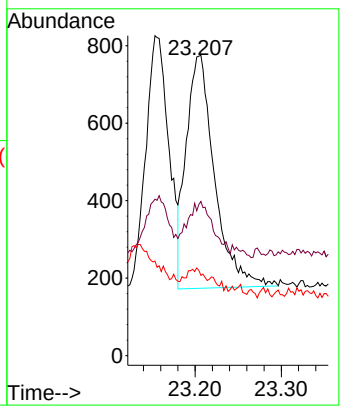


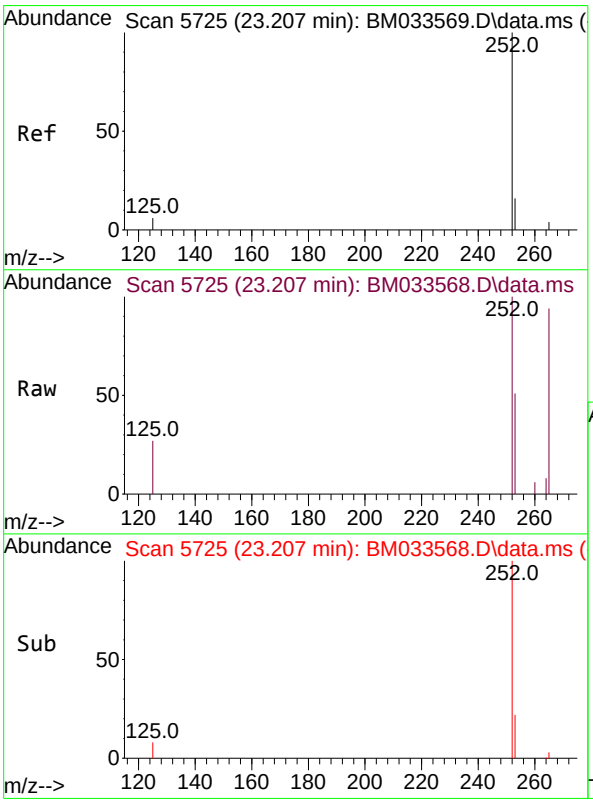
#24
Benzo(b)fluoranthene
Concen: 0.261 ng/ul
RT: 23.207 min Scan# 5
Delta R.T. 0.051 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1380

Ion	Ratio	Lower	Upper
252	100		
253	51.4	0.0	64.2
125	26.7	0.0	28.8

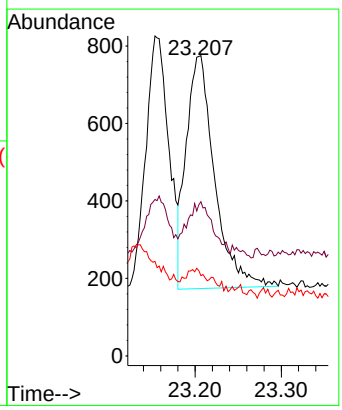


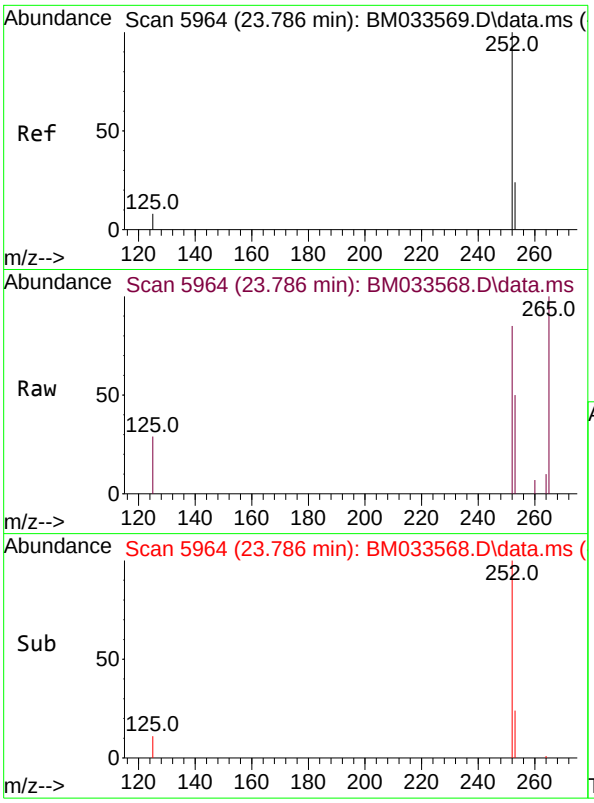


#25
Benzo(k)fluoranthene
Concen: 0.228 ng/ul
RT: 23.207 min Scan# 5725
Delta R.T. -0.000 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Tgt Ion:252 Resp: 1380

Ion	Ratio	Lower	Upper
252	100		
253	51.4	26.8	40.2#
125	26.7	12.0	18.0#



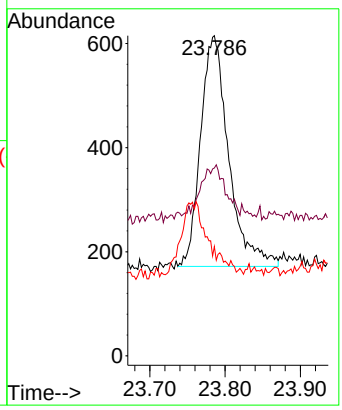


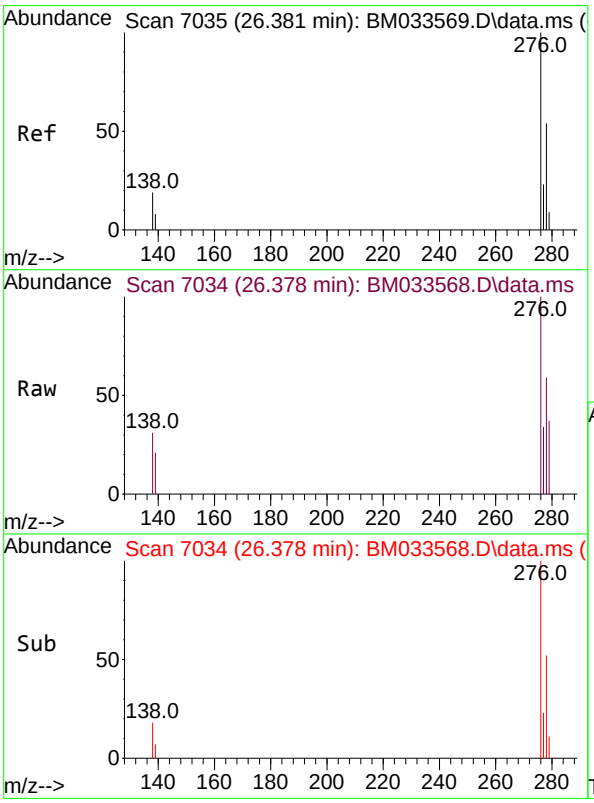
#26
Benzo(a)pyrene
Concen: 0.226 ng/ul
RT: 23.786 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1150

Ion	Ratio	Lower	Upper
252	100		
253	58.7	32.0	48.0#
125	34.1	14.5	21.7#

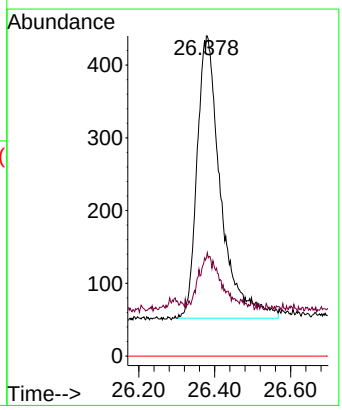


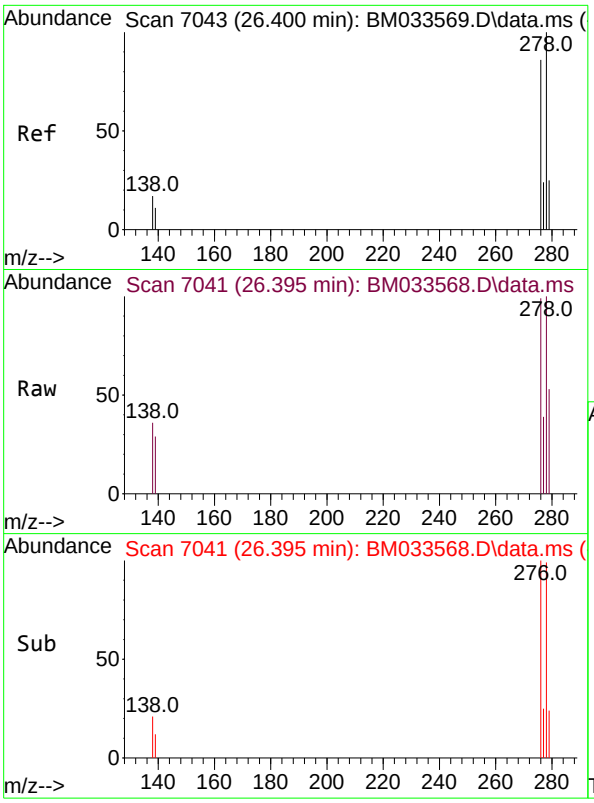


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.294 ng/ul
RT: 26.378 min Scan# 7034
Delta R.T. -0.002 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Tgt Ion:276 Resp: 1673

Ion	Ratio	Lower	Upper
276	100		
138	13.0	15.8	23.6#
227	0.0	0.0	0.0



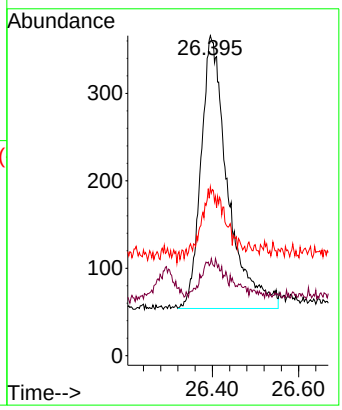


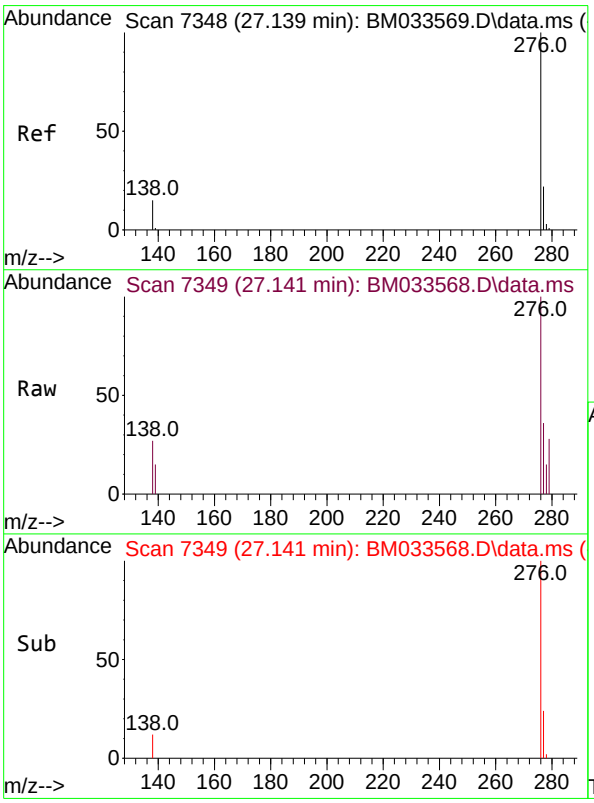
#28
Dibenzo(a,h)anthracene
Concen: 0.285 ng/ul
RT: 26.395 min Scan# 7
Delta R.T. -0.005 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 1343

Ion	Ratio	Lower	Upper
278	100		
139	28.7	18.0	27.0#
279	52.7	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.283 ng/ul
RT: 27.141 min Scan# 7349
Delta R.T. 0.002 min
Lab File: BM033568.D
Acq: 22 Dec 2021 09:38

Tgt Ion:276 Resp: 1448

Ion	Ratio	Lower	Upper
276	100		
138	27.4	17.4	26.0#
277	36.2	22.6	33.8#