Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
Data File : BM033569.D
Acq On : 22 Dec 2021 10:14
Operator : CG/JU
Sample : SSTD0.424
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 22 12:14:24 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	7.922	152	381	0.400	ng/ul	0.00
4) Naphthalene-d8	10.733	136	954	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.561	164	569	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	1227	0.400	ng/ul	0.00
17) Chrysene-d12	21.490	240	1548	0.400	ng/ul	# 0.00
23) Perylene-d12	23.887	264	1615	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	142	0.460	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	481	0.399	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	1414	0.420	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.368	88	184	0.456	ng/ul	93
5) Naphthalene	10.778	128	1260	0.361	ng/ul	96
7) 2-Methylnaphthalene	12.393	142	744	0.374	ng/ul	92
8) 1-Methylnaphthalene	12.609	142	773	0.376	ng/ul	98
10) Acenaphthylene	14.284	152	1178	0.370	ng/ul	97
11) Acenaphthene	14.621	153	875	0.350	ng/ul	94
12) Fluorene	15.618	166	968	0.362	ng/ul	97
14) Pentachlorophenol	16.979	266	234	0.531	ng/ul	99
15) Phenanthrene	17.358	178	1493	0.373	ng/ul	95
16) Anthracene	17.451	178	1397	0.395	ng/ul	94
19) Fluoranthene	19.365	202	1873	0.460	ng/ul#	95
20) Pyrene	19.731	202	1947	0.434	ng/ul#	92
21) Benzo(a)anthracene	21.477	228	1551	0.450	ng/ul	95
22) Chrysene	21.526	228	1820	0.423	ng/ul	96
24) Benzo(b)fluoranthene	23.156	252	1864	0.434	ng/ul	86
25) Benzo(k)fluoranthene	23.207	252	2023	0.410	ng/ul#	90
26) Benzo(a)pyrene	23.786	252	1731	0.418	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.381	276	2503	0.542	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.400	278	1986	0.519	ng/ul#	90
29) Benzo(g,h,i)perylene	27.139	276	2201	0.529	ng/ul	96

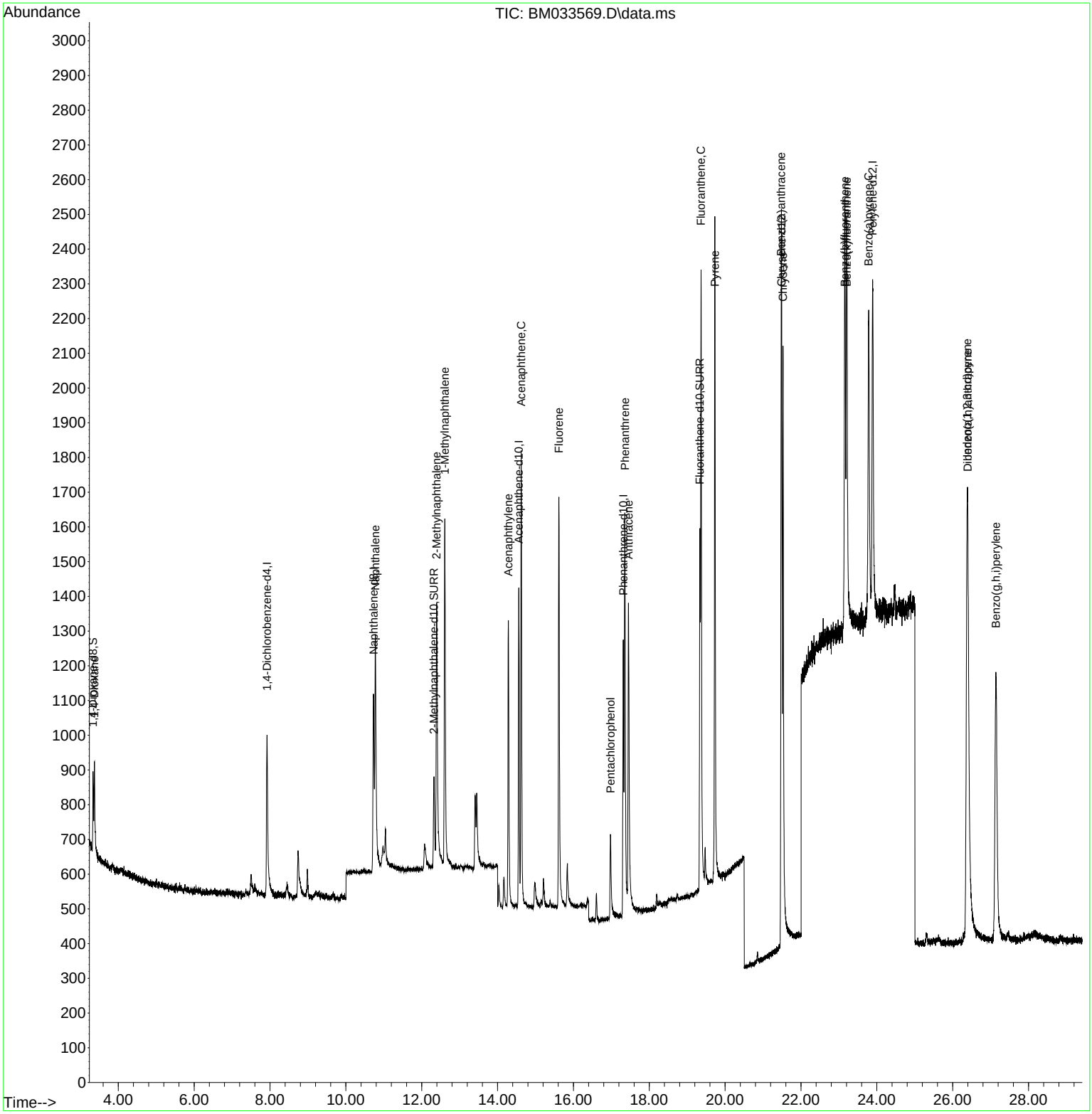
(#) = qualifier out of range (m) = manual integration (+) = signals summed

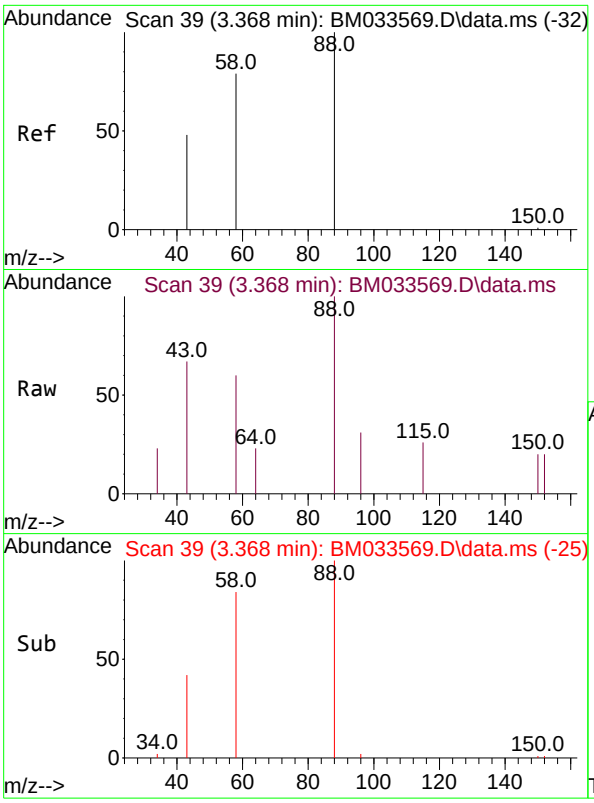
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
Data File : BM033569.D
Acq On : 22 Dec 2021 10:14
Operator : CG/JU
Sample : SSTD0.424
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 22 12:14:24 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



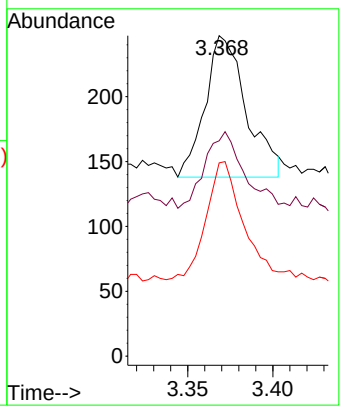


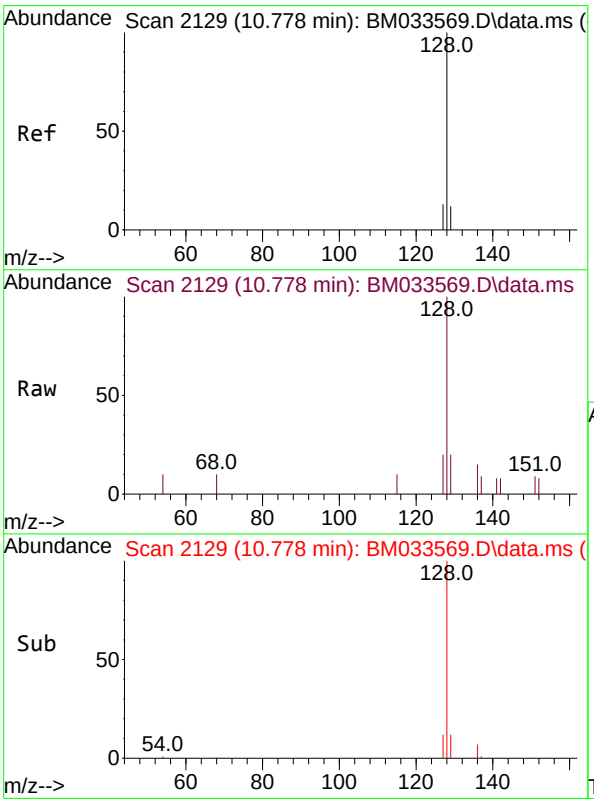
#2
1,4-Dioxane
Concen: 0.456 ng/ul
RT: 3.368 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 184

Ion	Ratio	Lower	Upper
88	100		
43	67.2	49.7	74.5
58	60.3	52.5	78.7

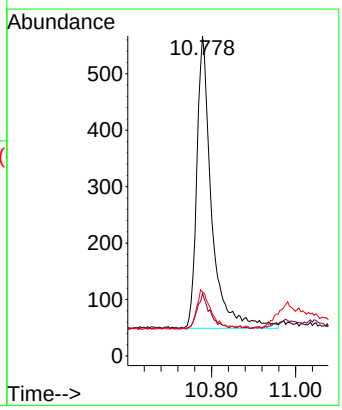


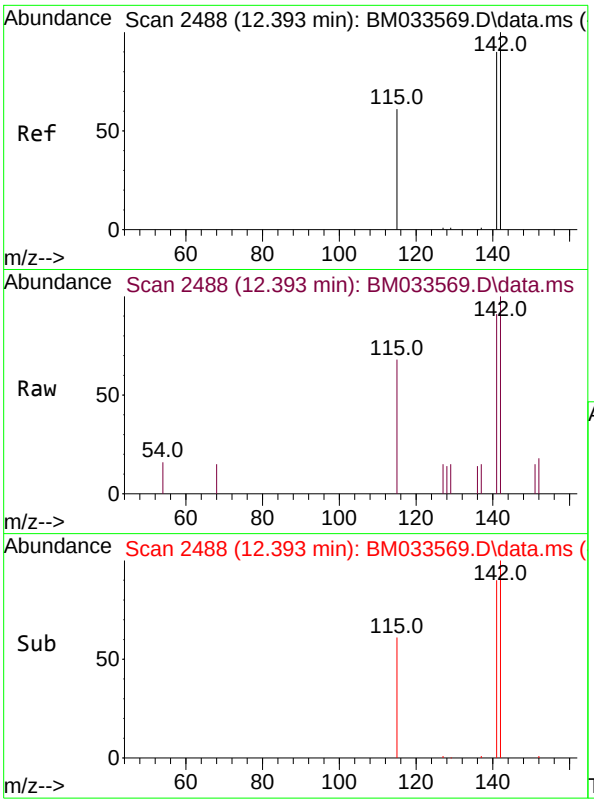


#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.778 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Tgt Ion:128 Resp: 1260

Ion	Ratio	Lower	Upper
128	100		
129	19.6	13.4	20.2
127	19.9	15.2	22.8



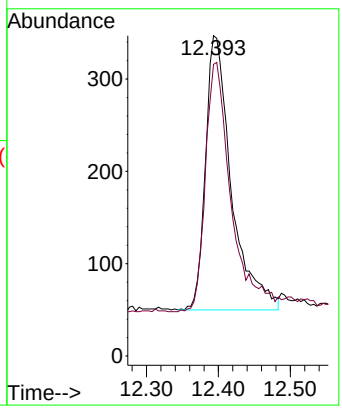


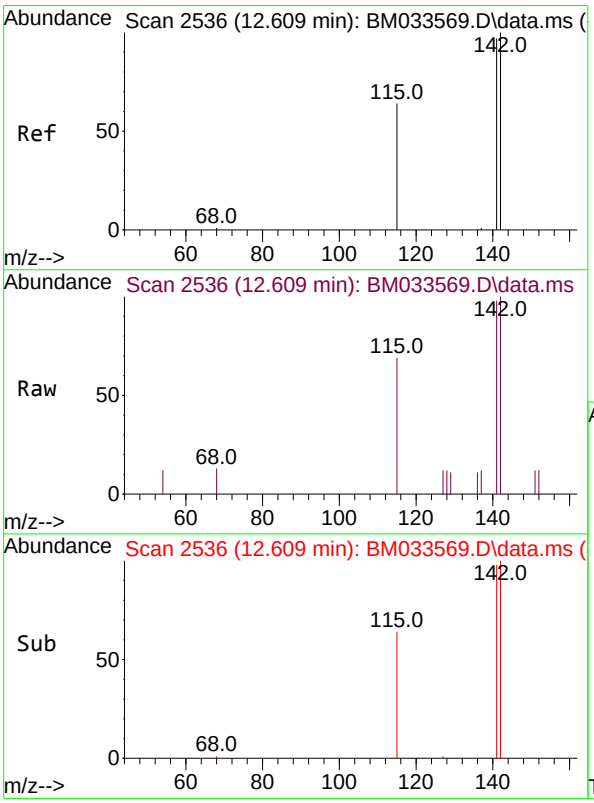
#7
2-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.393 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 744

Ion	Ratio	Lower	Upper
142	100		
141	96.9	71.8	107.6

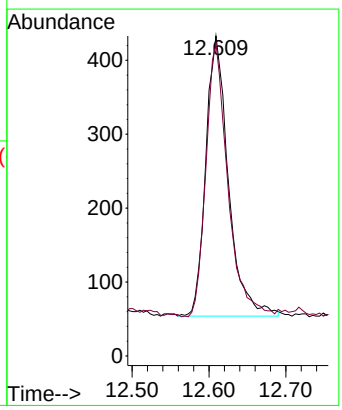


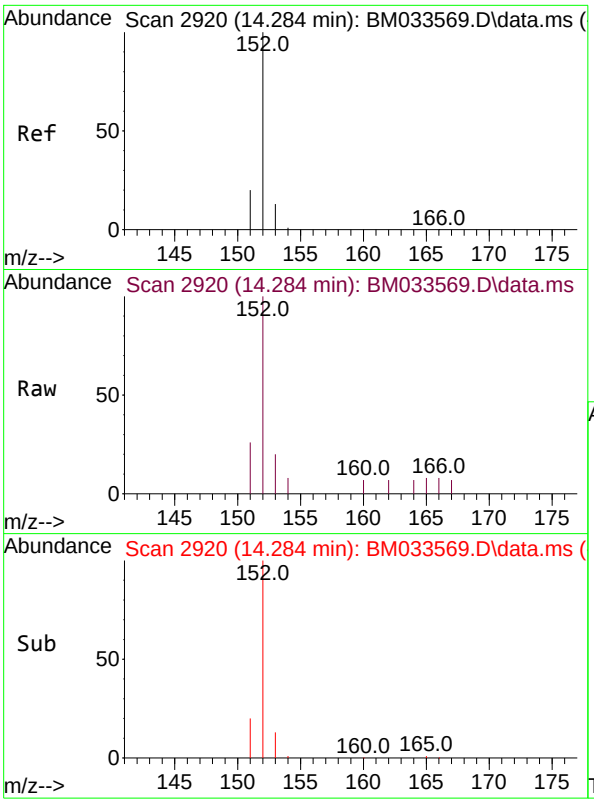


#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.609 min Scan# 2536
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Tgt Ion:142 Resp: 773

Ion	Ratio	Lower	Upper
142	100		
141	95.5	75.0	112.4



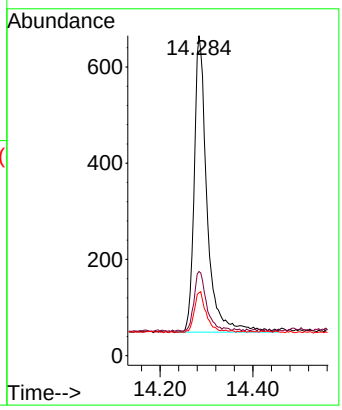


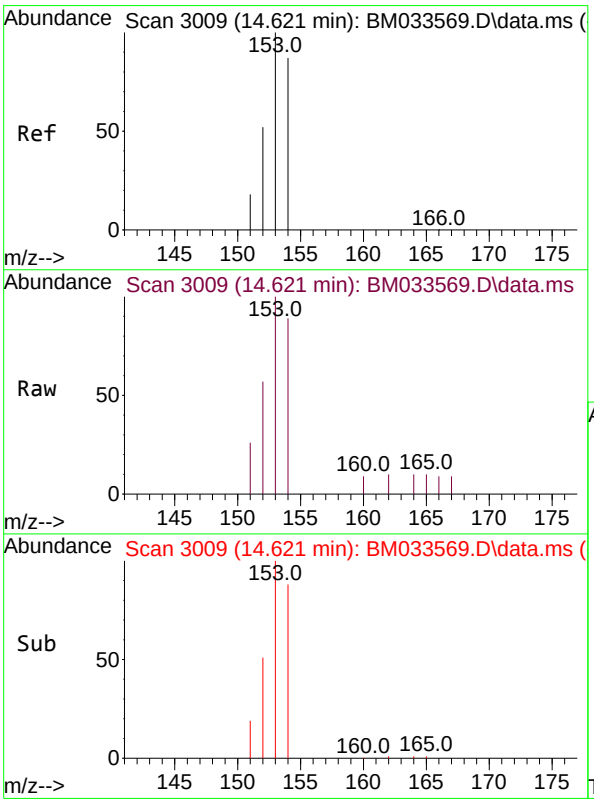
#10
Acenaphthylene
Concen: 0.370 ng/ul
RT: 14.284 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 1178

Ion	Ratio	Lower	Upper
152	100		
151	26.3	19.9	29.9
153	19.7	15.0	22.4

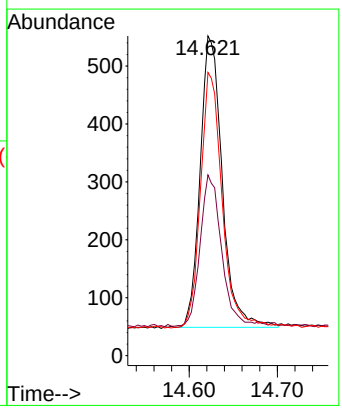


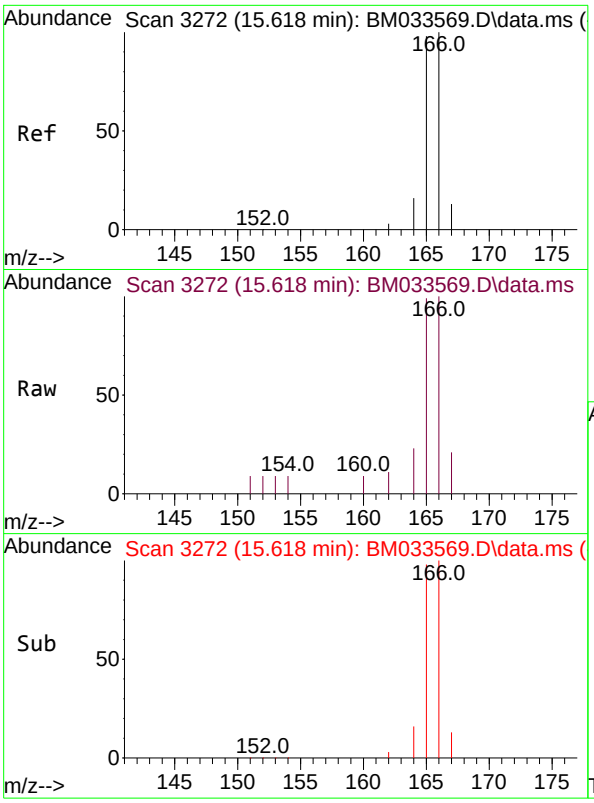


#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.621 min Scan# 3009
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Tgt Ion:153 Resp: 875

Ion	Ratio	Lower	Upper
153	100		
152	56.5	42.4	63.6
154	88.6	66.2	99.2



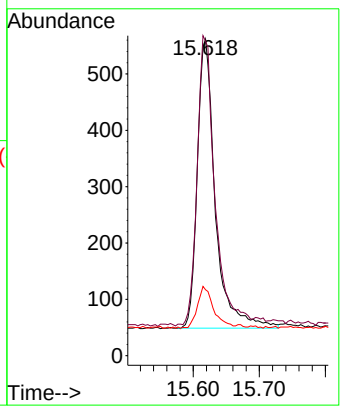


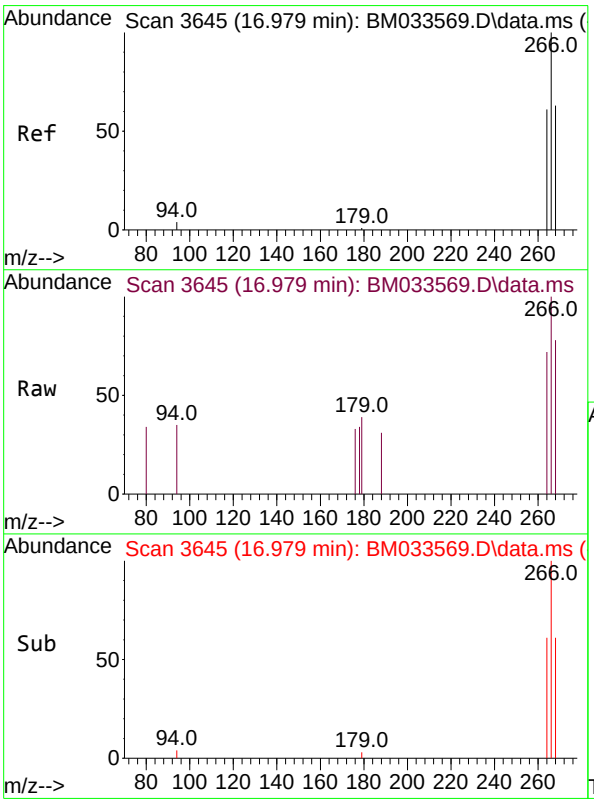
#12
Fluorene
Concen: 0.362 ng/ul
RT: 15.618 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 968

Ion	Ratio	Lower	Upper
166	100		
165	99.3	81.1	121.7
167	20.8	14.9	22.3

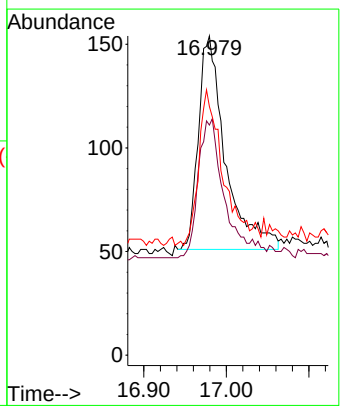


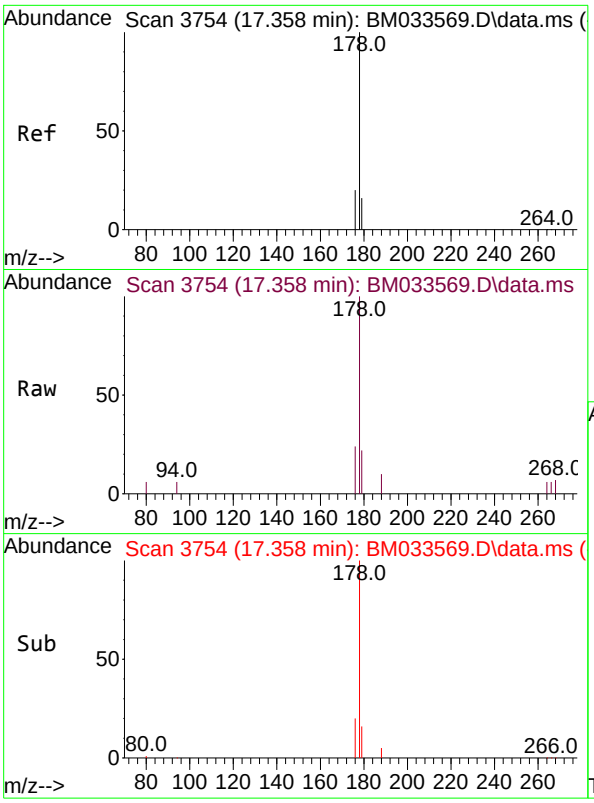


#14
Pentachlorophenol
Concen: 0.531 ng/ul
RT: 16.979 min Scan# 3645
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Tgt Ion:266 Resp: 234

Ion	Ratio	Lower	Upper
266	100		
264	63.7	51.4	77.0
268	65.0	53.1	79.7



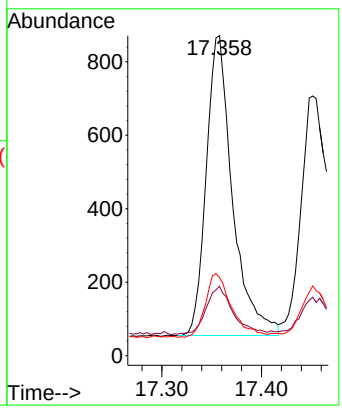


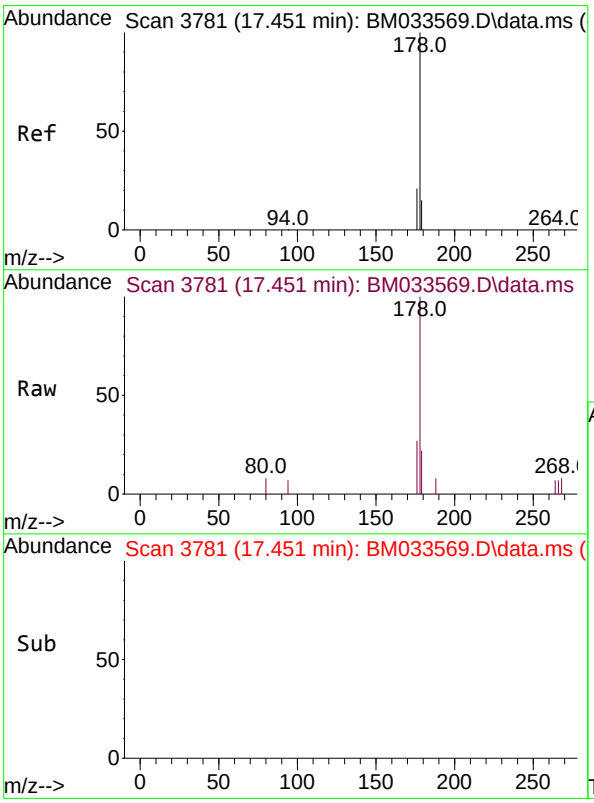
#15
Phenanthrene
Concen: 0.373 ng/ul
RT: 17.358 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1493

Ion	Ratio	Lower	Upper
178	100		
179	21.7	15.0	22.6
176	24.5	17.9	26.9

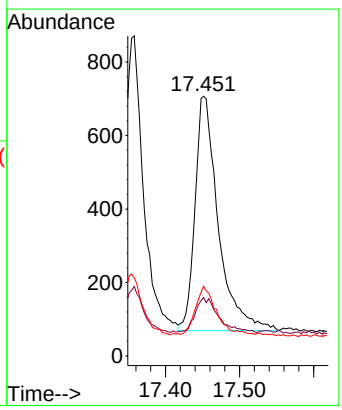


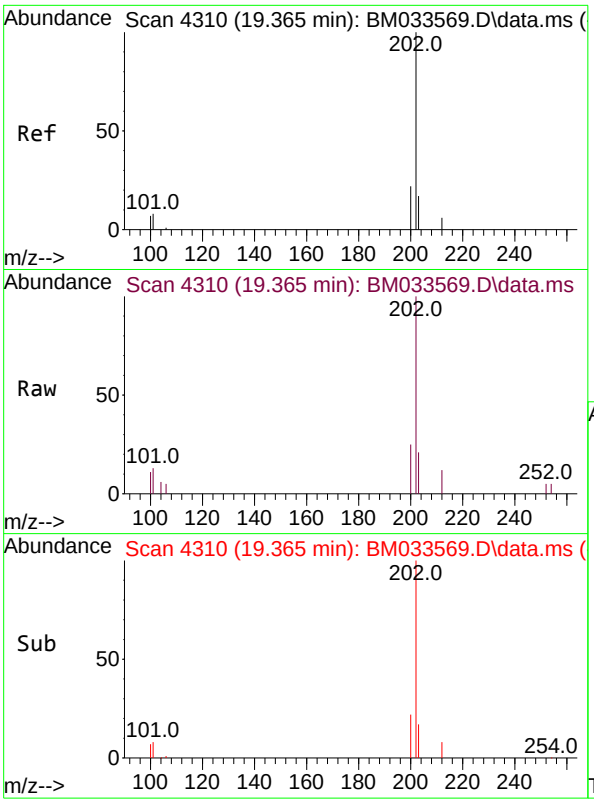


#16
Anthracene
Concen: 0.395 ng/ul
RT: 17.451 min Scan# 3781
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Tgt Ion:178 Resp: 1397

Ion	Ratio	Lower	Upper
178	100		
179	22.5	16.5	24.7
176	26.9	18.3	27.5



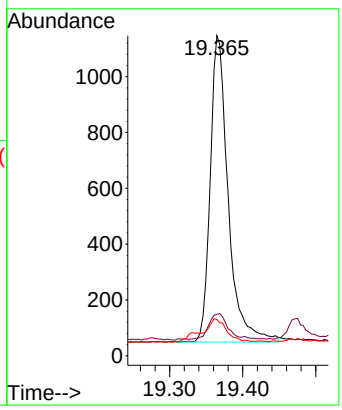


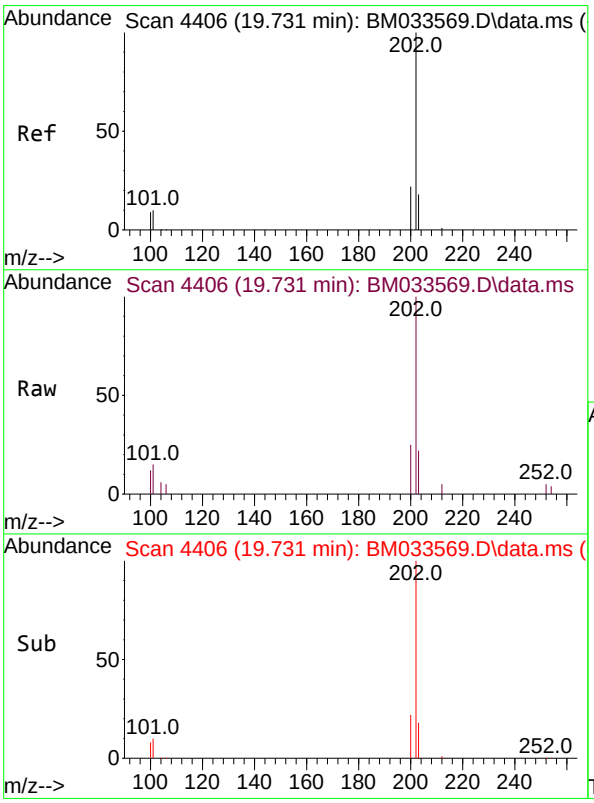
#19
Fluoranthene
Concen: 0.460 ng/ul
RT: 19.365 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1873

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.2	13.8
100	11.3	7.2	10.8#

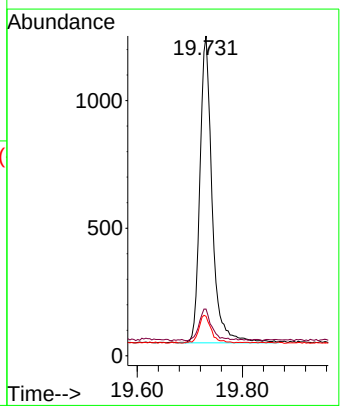


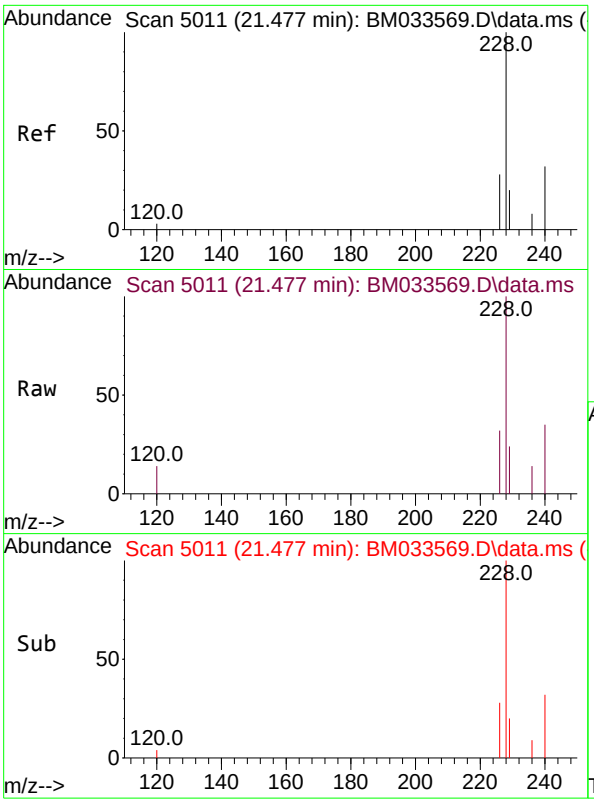


#20
Pyrene
Concen: 0.434 ng/ul
RT: 19.731 min Scan# 4406
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Tgt Ion:202 Resp: 1947

Ion	Ratio	Lower	Upper
202	100		
101	14.6	9.3	13.9#
100	12.4	7.8	11.6#



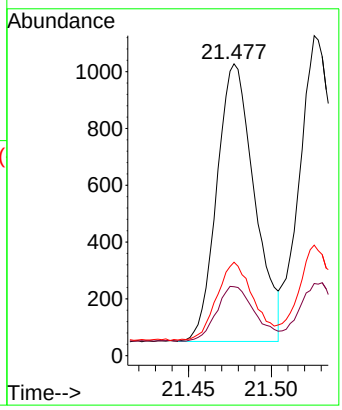


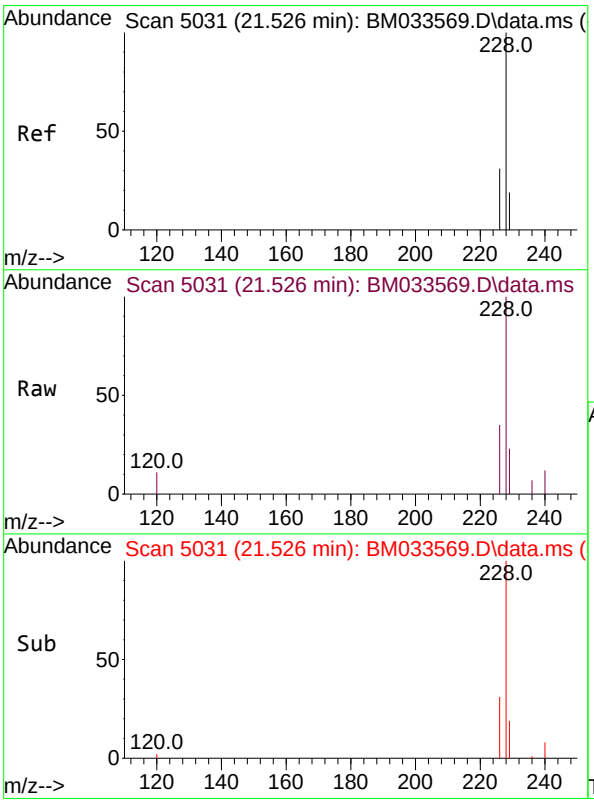
#21
Benzo(a)anthracene
Concen: 0.450 ng/ul
RT: 21.477 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1551

Ion	Ratio	Lower	Upper
228	100		
229	23.6	17.3	25.9
226	32.0	23.2	34.8

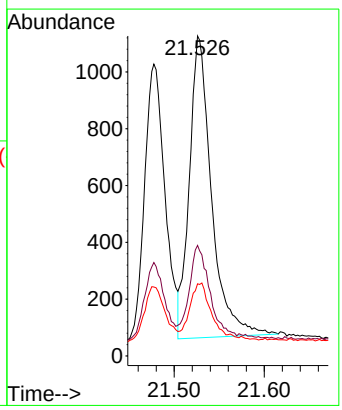


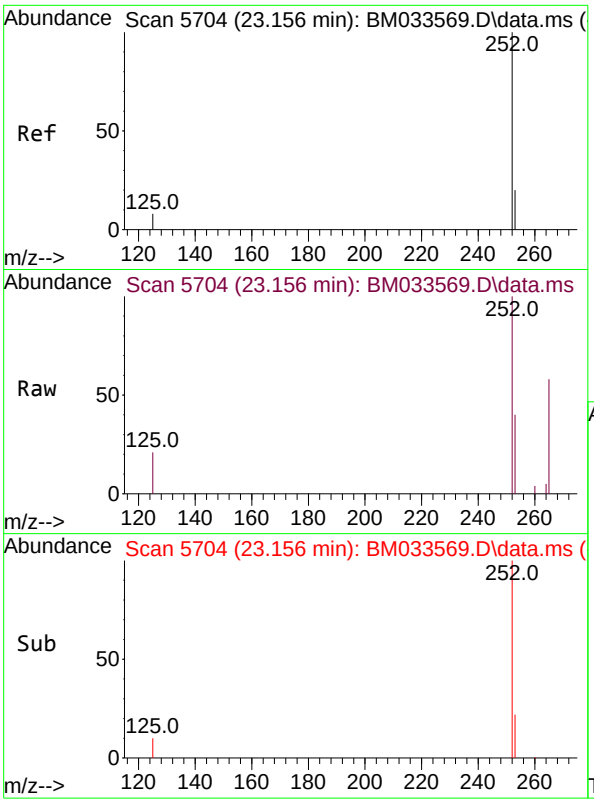


#22
Chrysene
Concen: 0.423 ng/ul
RT: 21.526 min Scan# 5031
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Tgt Ion:228 Resp: 1820

Ion	Ratio	Lower	Upper
228	100		
226	34.5	25.8	38.8
229	22.5	16.7	25.1



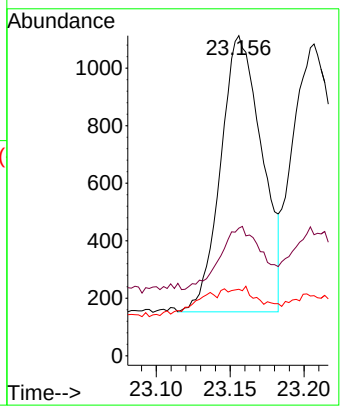


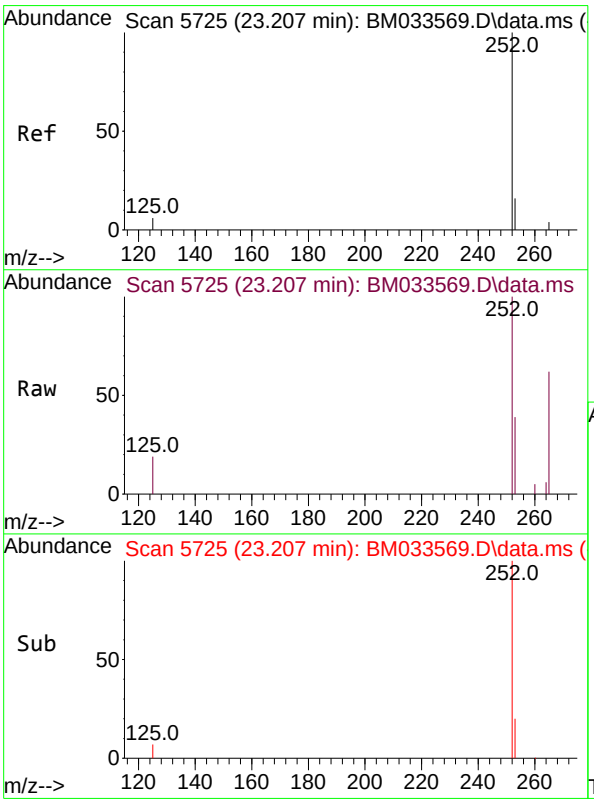
#24
Benzo(b)fluoranthene
Concen: 0.434 ng/ul
RT: 23.156 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1864

Ion	Ratio	Lower	Upper
252	100		
253	39.9	0.0	64.2
125	20.8	0.0	28.8

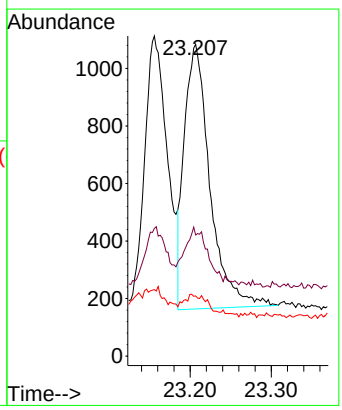


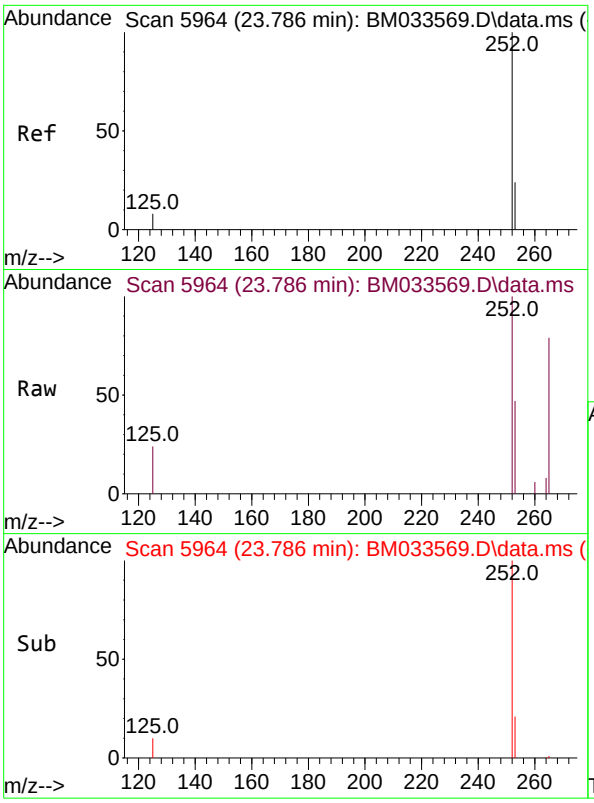


#25
Benzo(k)fluoranthene
Concen: 0.410 ng/ul
RT: 23.207 min Scan# 5725
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Tgt Ion:252 Resp: 2023

Ion	Ratio	Lower	Upper
252	100		
253	38.8	26.8	40.2
125	19.3	12.0	18.0#



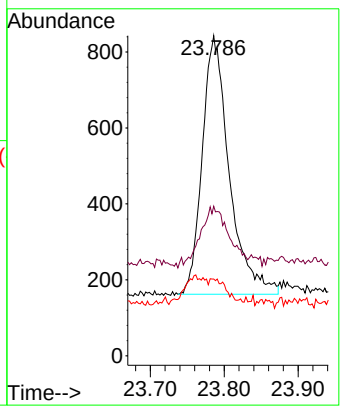


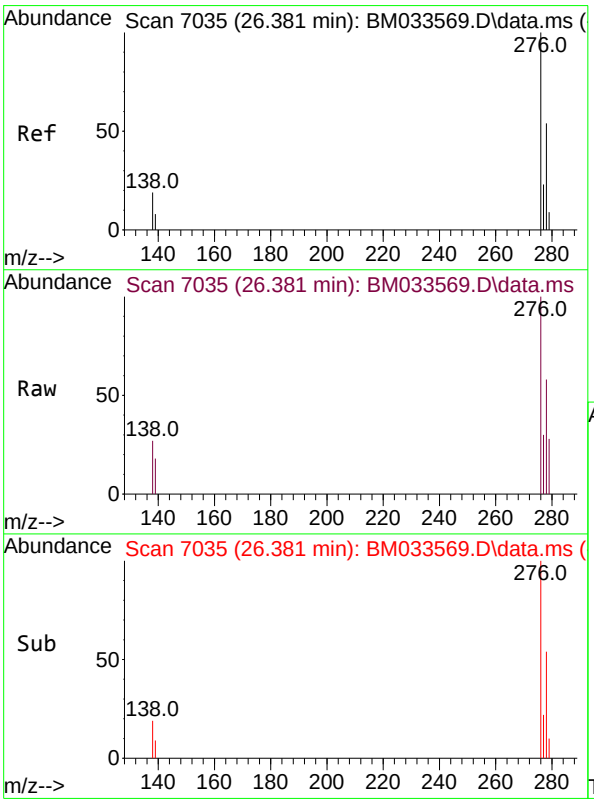
#26
Benzo(a)pyrene
Concen: 0.418 ng/ul
RT: 23.786 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1731

Ion	Ratio	Lower	Upper
252	100		
253	46.7	32.0	48.0
125	24.0	14.5	21.7#

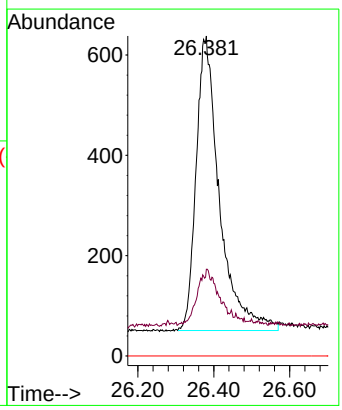


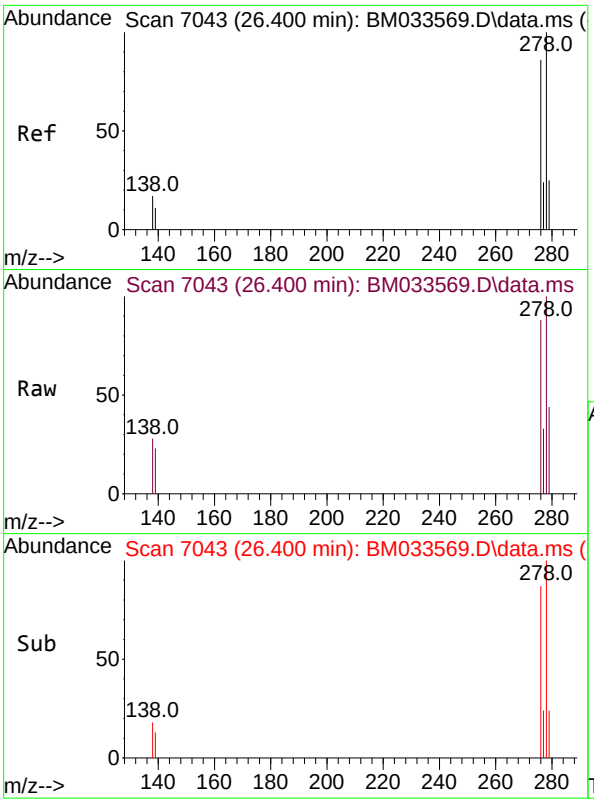


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.542 ng/ul
RT: 26.381 min Scan# 7035
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Tgt Ion:276 Resp: 2503

Ion	Ratio	Lower	Upper
276	100		
138	16.8	15.8	23.6
227	0.0	0.0	0.0



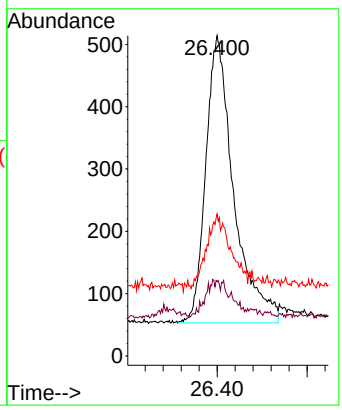


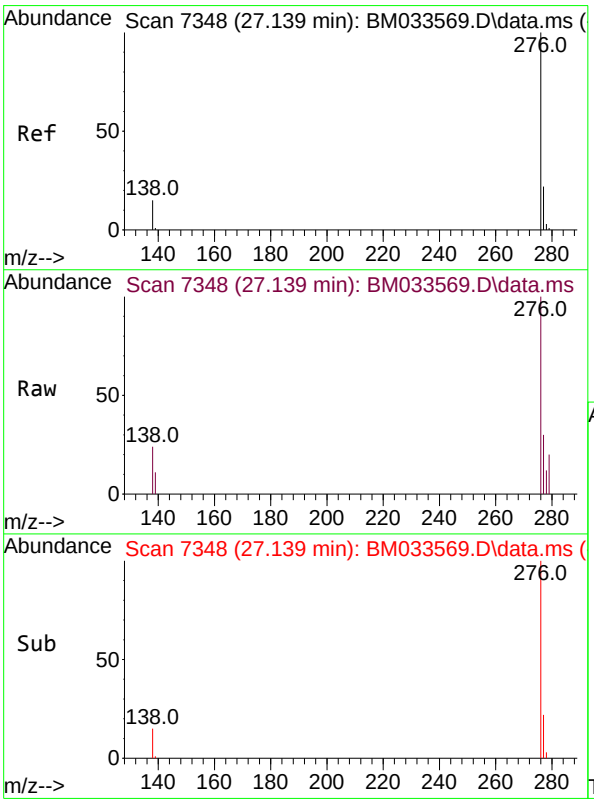
#28
Dibenzo(a,h)anthracene
Concen: 0.519 ng/ul
RT: 26.400 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 1986

Ion	Ratio	Lower	Upper
278	100		
139	23.2	18.0	27.0
279	44.4	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.529 ng/ul
RT: 27.139 min Scan# 7348
Delta R.T. 0.000 min
Lab File: BM033569.D
Acq: 22 Dec 2021 10:14

Tgt Ion:276 Resp: 2201

Ion	Ratio	Lower	Upper
276	100		
138	24.1	17.4	26.0
277	30.3	22.6	33.8