Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
Data File : BM033567.D
Acq On : 22 Dec 2021 09:02
Operator : CG/JU
Sample : SSTD0.122
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 22 12:13:52 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

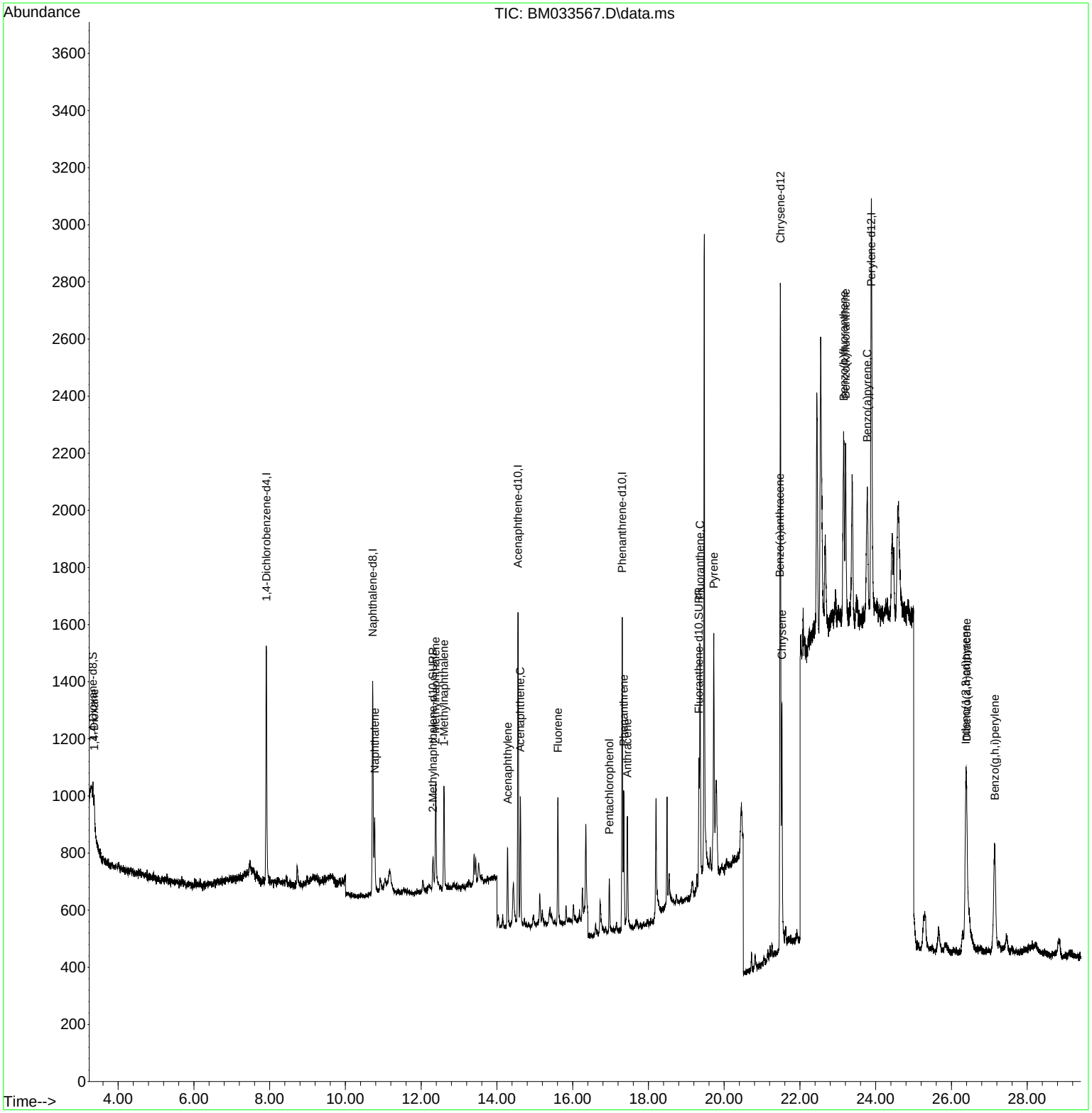
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	465	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.720	136	1056	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.557	164	625	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	1460	0.400	ng/ul	0.00
17) Chrysene-d12	21.485	240	2187	0.400	ng/ul	# 0.00
23) Perylene-d12	23.885	264	2262	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	62	0.165	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	155	0.116	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	513	0.108	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.368	88	58	0.118	ng/ul#	13
5) Naphthalene	10.774	128	374	0.097	ng/ul#	70
7) 2-Methylnaphthalene	12.380	142	322	0.146	ng/ul	91
8) 1-Methylnaphthalene	12.604	142	263	0.116	ng/ul	95
10) Acenaphthylene	14.284	152	364	0.104	ng/ul#	78
11) Acenaphthene	14.617	153	280	0.102	ng/ul	93
12) Fluorene	15.611	166	313	0.107	ng/ul#	93
14) Pentachlorophenol	16.969	266	142	0.271	ng/ul	96
15) Phenanthrene	17.347	178	540	0.113	ng/ul#	78
16) Anthracene	17.441	178	509	0.121	ng/ul#	80
19) Fluoranthene	19.365	202	703	0.122	ng/ul#	46
20) Pyrene	19.727	202	755	0.119	ng/ul#	54
21) Benzo(a)anthracene	21.470	228	735	0.151	ng/ul#	85
22) Chrysene	21.526	228	824	0.136	ng/ul#	92
24) Benzo(b)fluoranthene	23.158	252	889	0.148	ng/ul#	43
25) Benzo(k)fluoranthene	23.204	252	824	0.119	ng/ul#	47
26) Benzo(a)pyrene	23.778	252	823	0.142	ng/ul#	38
27) Indeno(1,2,3-cd)pyrene	26.376	276	1045	0.161	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.402	278	813	0.152	ng/ul#	56
29) Benzo(g,h,i)perylene	27.146	276	938	0.161	ng/ul#	74

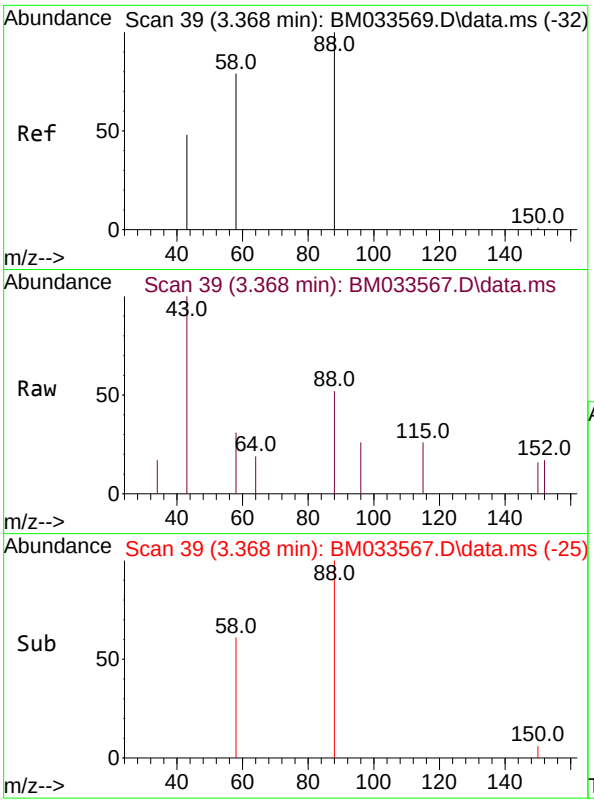
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
Data File : BM033567.D
Acq On : 22 Dec 2021 09:02
Operator : CG/JU
Sample : SSTD0.122
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 22 12:13:52 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



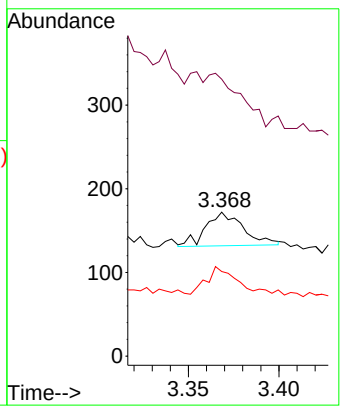


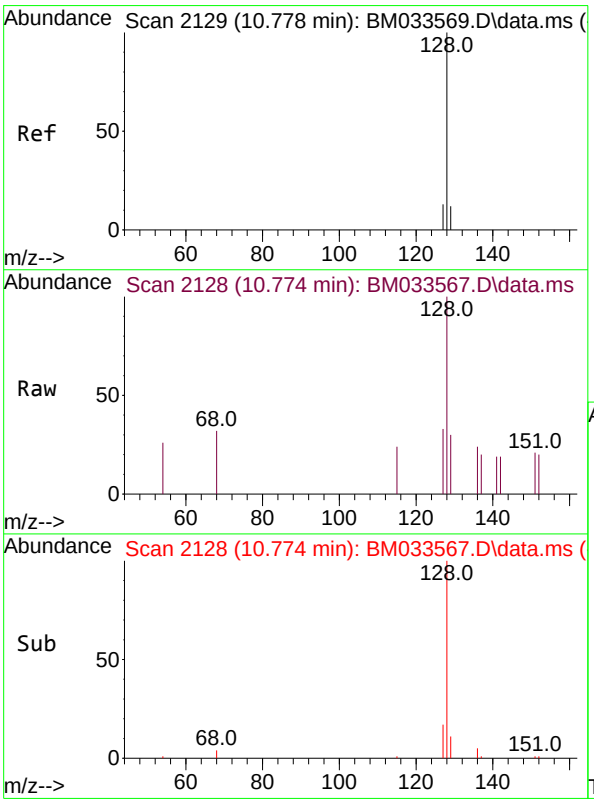
#2
1,4-Dioxane
Concen: 0.118 ng/ul
RT: 3.368 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 58

Ion	Ratio	Lower	Upper
88	100		
43	192.4	49.7	74.5#
58	58.7	52.5	78.7

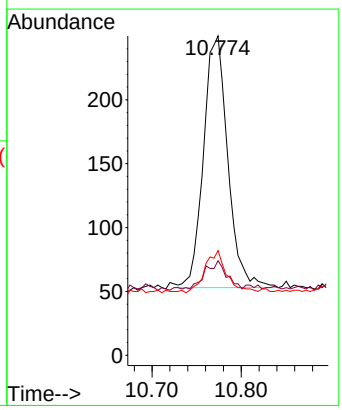


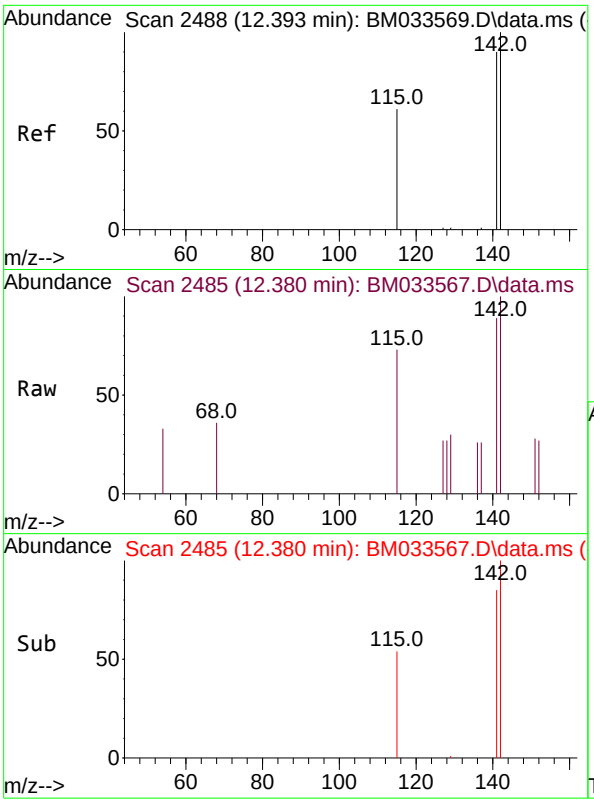


#5
Naphthalene
Concen: 0.097 ng/ul
RT: 10.774 min Scan# 2128
Delta R.T. -0.005 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Tgt Ion:128 Resp: 374

Ion	Ratio	Lower	Upper
128	100		
129	29.6	13.4	20.2#
127	32.8	15.2	22.8#



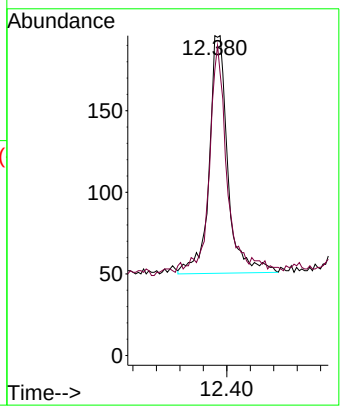


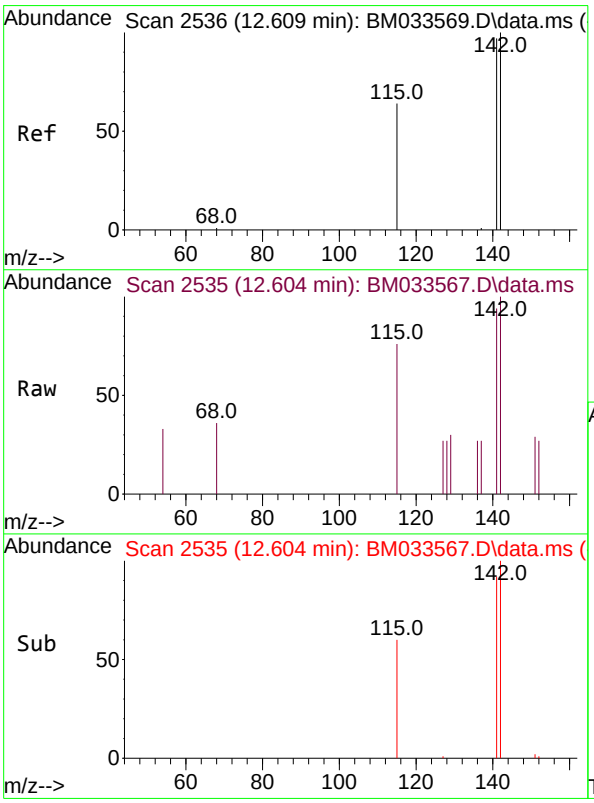
#7
2-Methylnaphthalene
Concen: 0.146 ng/ul
RT: 12.380 min Scan# 24
Delta R.T. -0.014 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 322

Ion	Ratio	Lower	Upper
142	100		
141	81.1	71.8	107.6

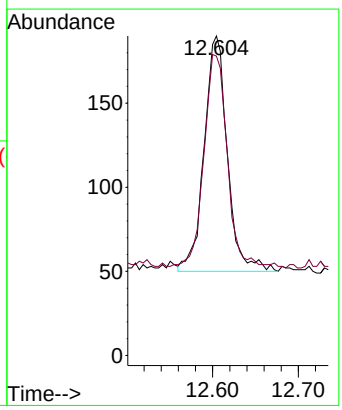


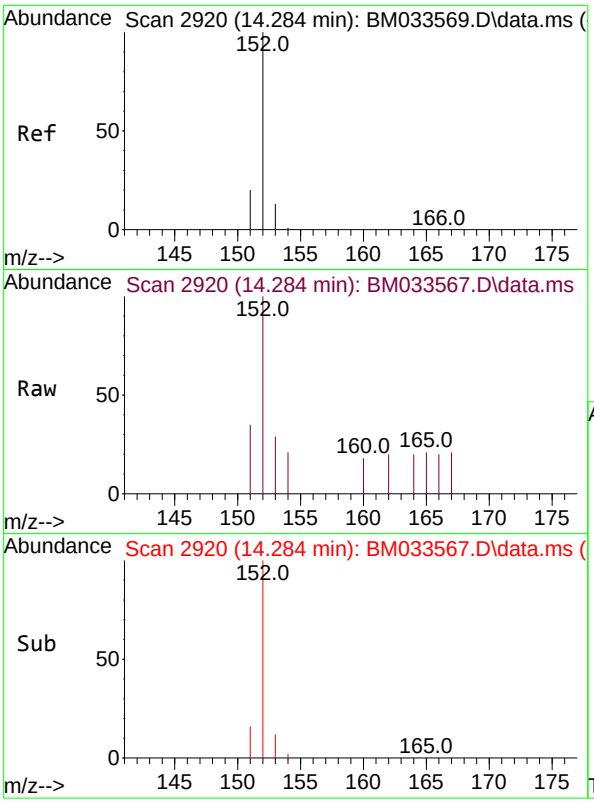


#8
1-Methylnaphthalene
Concen: 0.116 ng/ul
RT: 12.604 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Tgt Ion:142 Resp: 263

Ion	Ratio	Lower	Upper
142	100		
141	89.4	75.0	112.4



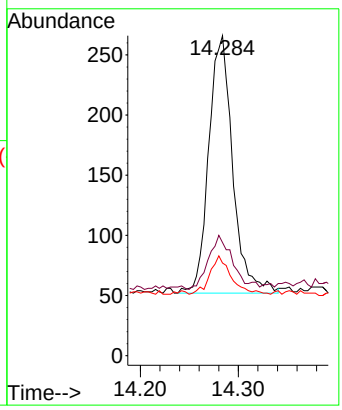


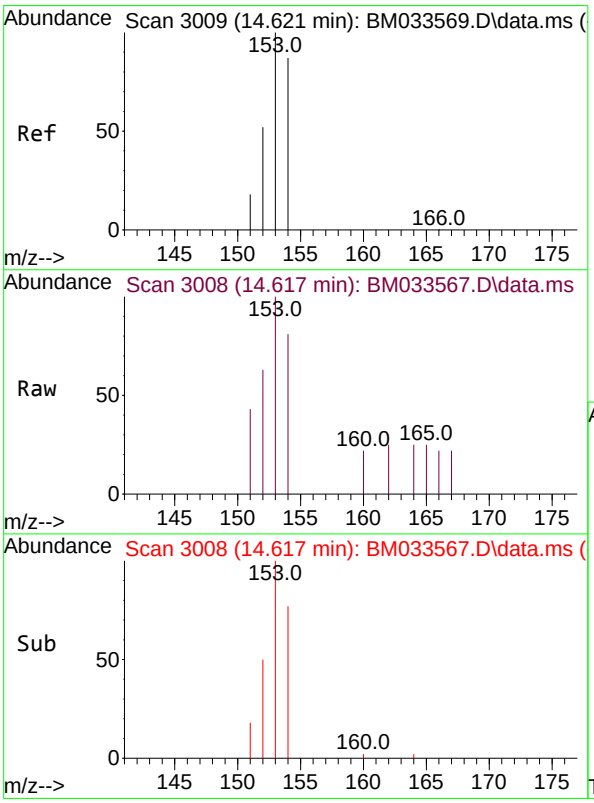
#10
Acenaphthylene
Concen: 0.104 ng/ul
RT: 14.284 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 364

Ion	Ratio	Lower	Upper
152	100		
151	35.3	19.9	29.9#
153	28.9	15.0	22.4#

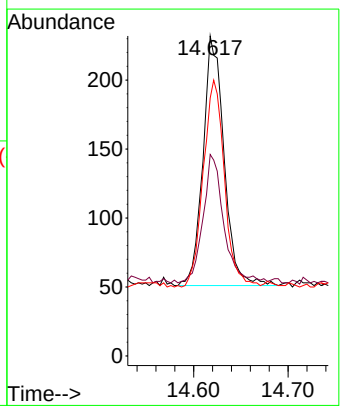


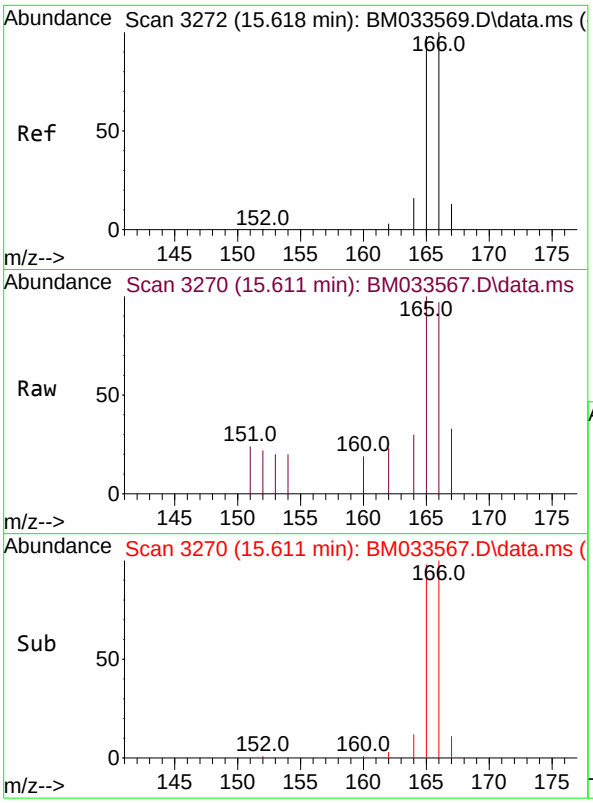


#11
Acenaphthene
Concen: 0.102 ng/ul
RT: 14.617 min Scan# 3008
Delta R.T. -0.004 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Tgt Ion:153 Resp: 280

Ion	Ratio	Lower	Upper
153	100		
152	62.9	42.4	63.6
154	80.6	66.2	99.2



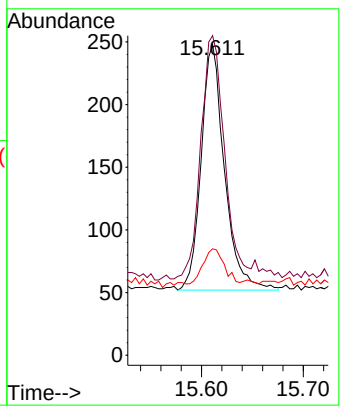


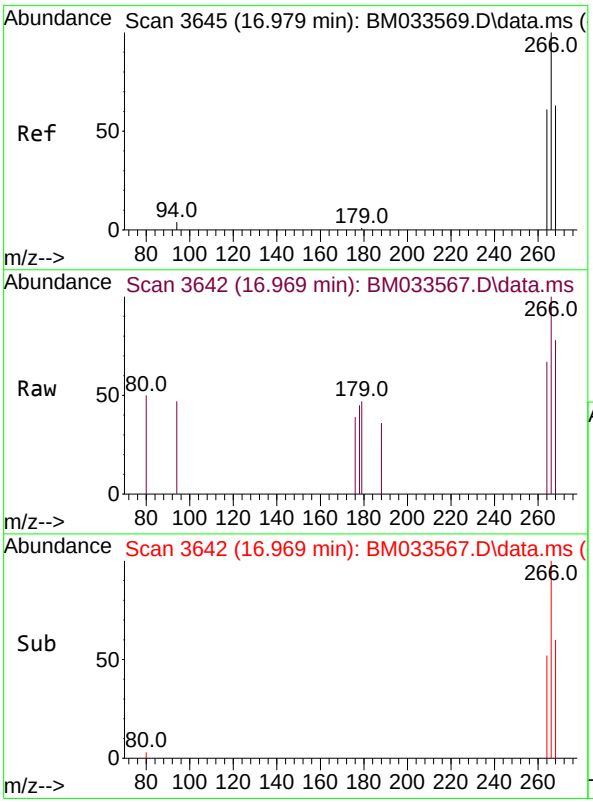
#12
Fluorene
Concen: 0.107 ng/ul
RT: 15.611 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 313

Ion	Ratio	Lower	Upper
166	100		
165	102.8	81.1	121.7
167	34.3	14.9	22.3#

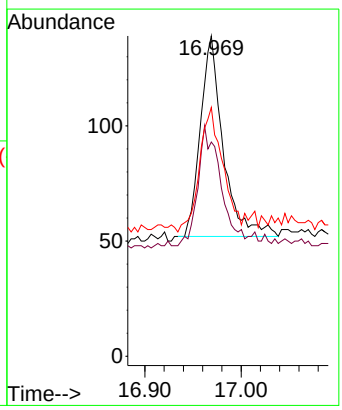


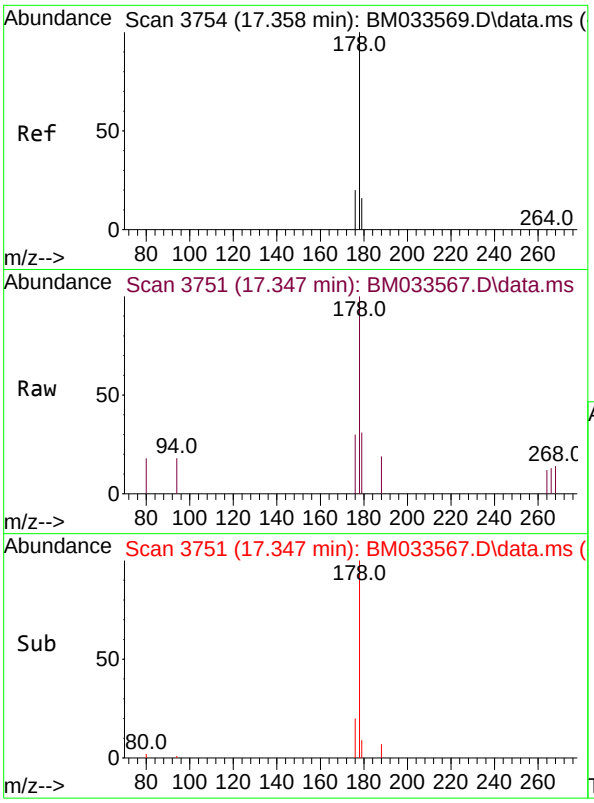


#14
Pentachlorophenol
Concen: 0.271 ng/ul
RT: 16.969 min Scan# 3642
Delta R.T. -0.010 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Tgt Ion:266 Resp: 142

Ion	Ratio	Lower	Upper
266	100		
264	60.6	51.4	77.0
268	64.1	53.1	79.7



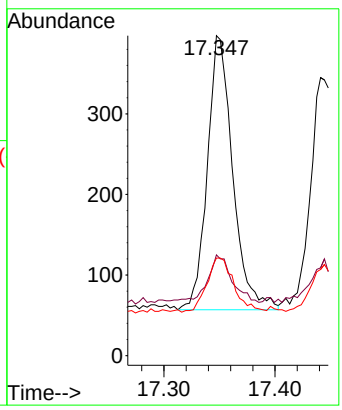


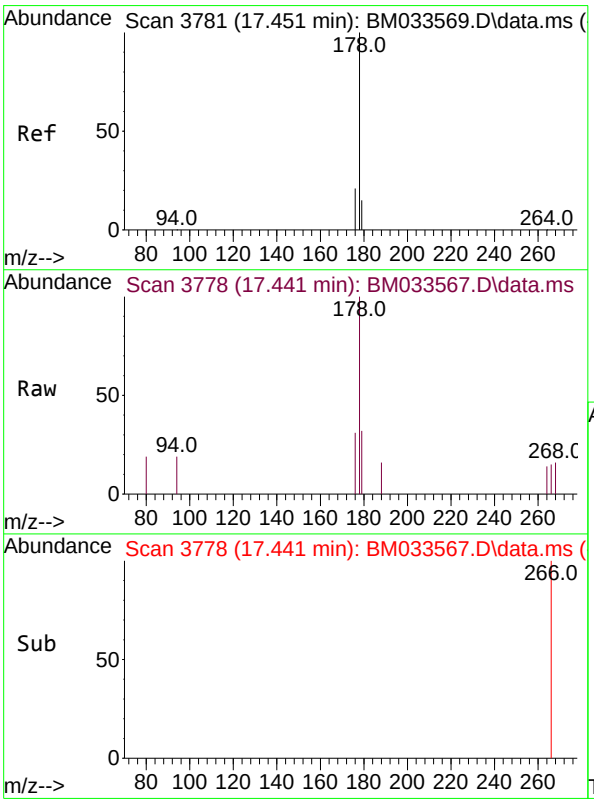
#15
Phenanthrene
Concen: 0.113 ng/ul
RT: 17.347 min Scan# 3
Delta R.T. -0.010 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 540

Ion	Ratio	Lower	Upper
178	100		
179	31.5	15.0	22.6#
176	30.5	17.9	26.9#

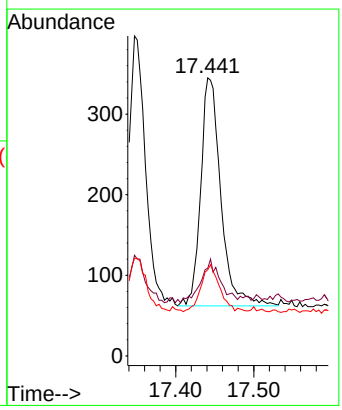


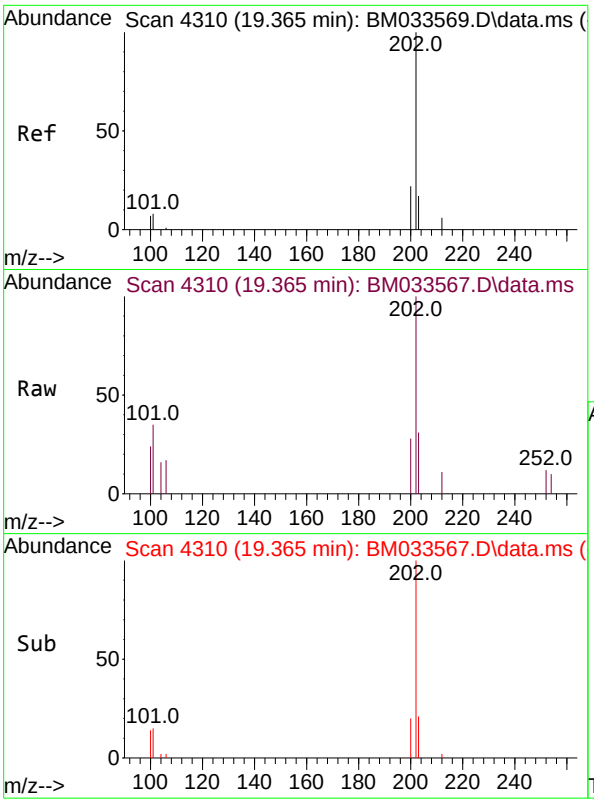


#16
Anthracene
Concen: 0.121 ng/ul
RT: 17.441 min Scan# 3778
Delta R.T. -0.010 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Tgt Ion:178 Resp: 509

Ion	Ratio	Lower	Upper
178	100		
179	31.6	16.5	24.7#
176	31.0	18.3	27.5#



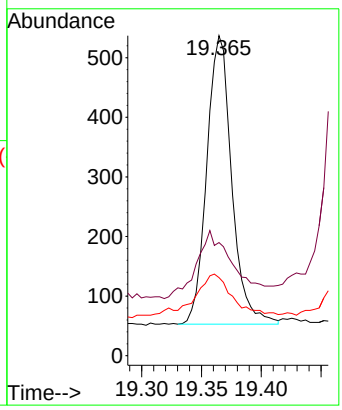


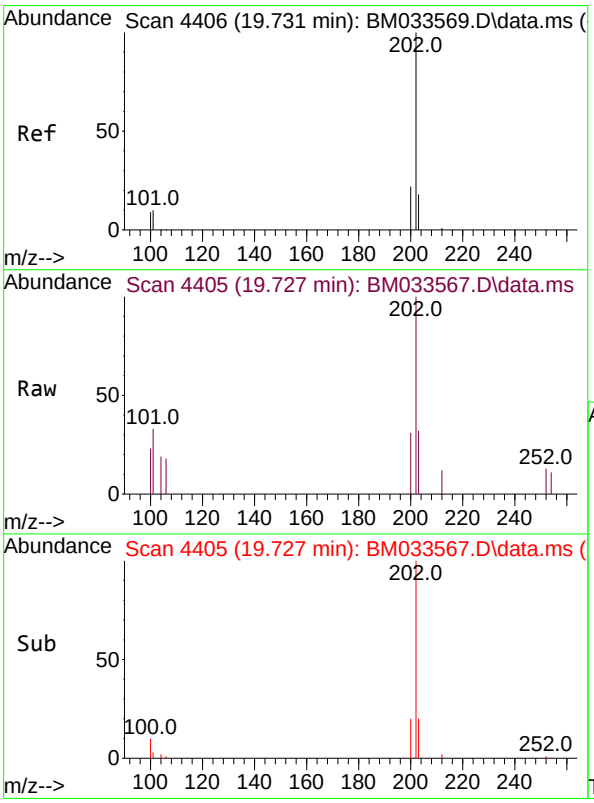
#19
Fluoranthene
Concen: 0.122 ng/ul
RT: 19.365 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 703

Ion	Ratio	Lower	Upper
202	100		
101	35.4	9.2	13.8#
100	24.4	7.2	10.8#

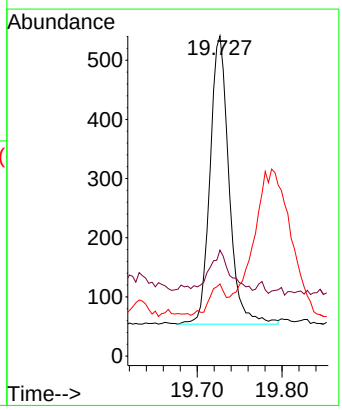


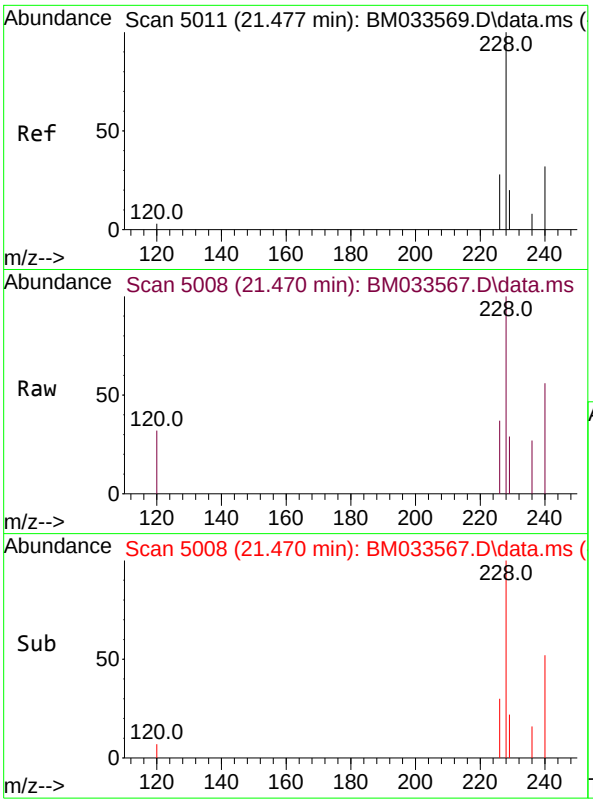


#20
Pyrene
Concen: 0.119 ng/ul
RT: 19.727 min Scan# 4405
Delta R.T. -0.004 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Tgt Ion:202 Resp: 755

Ion	Ratio	Lower	Upper
202	100		
101	33.1	9.3	13.9#
100	22.6	7.8	11.6#



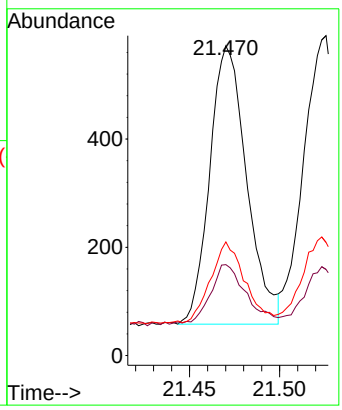


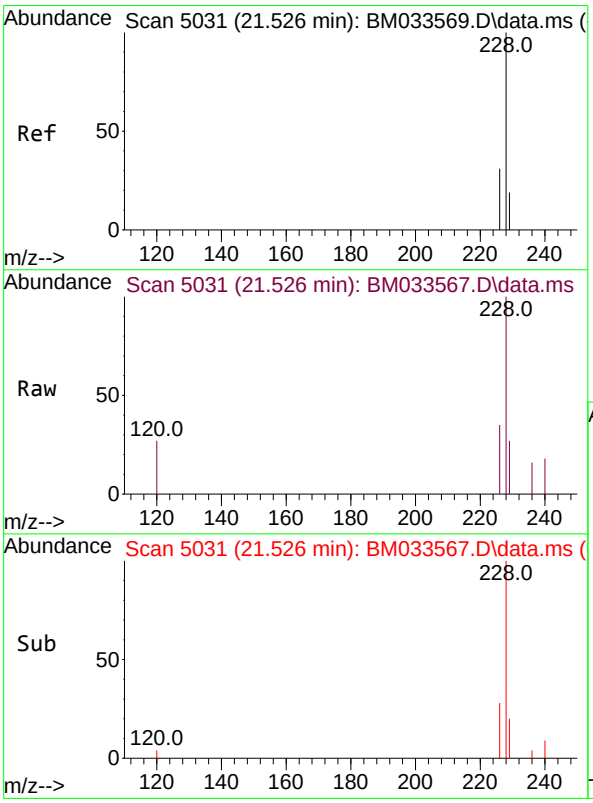
#21
Benzo(a)anthracene
Concen: 0.151 ng/ul
RT: 21.470 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 735

Ion	Ratio	Lower	Upper
228	100		
229	29.4	17.3	25.9#
226	36.7	23.2	34.8#

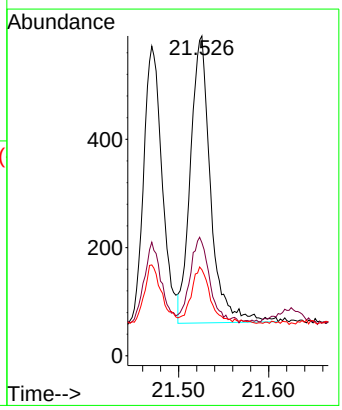


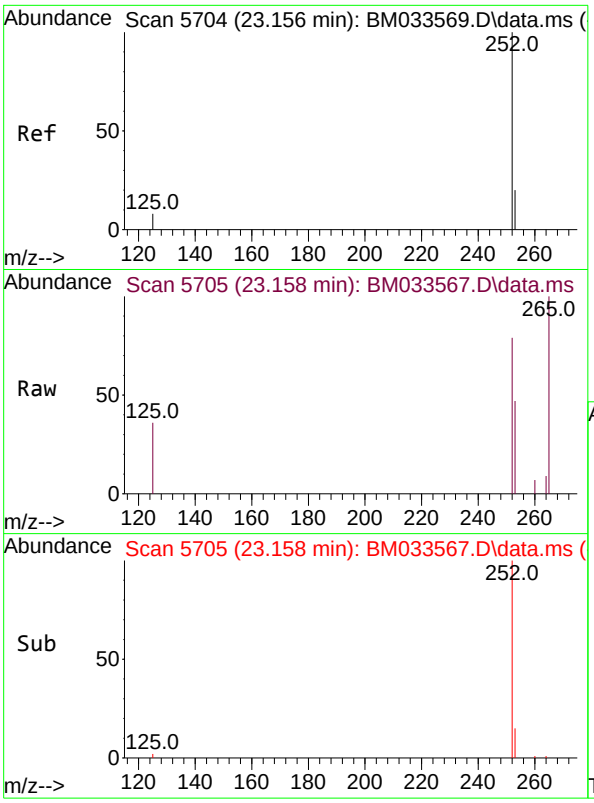


#22
Chrysene
Concen: 0.136 ng/ul
RT: 21.526 min Scan# 5031
Delta R.T. -0.000 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Tgt Ion:228 Resp: 824

Ion	Ratio	Lower	Upper
228	100		
226	35.4	25.8	38.8
229	26.9	16.7	25.1#



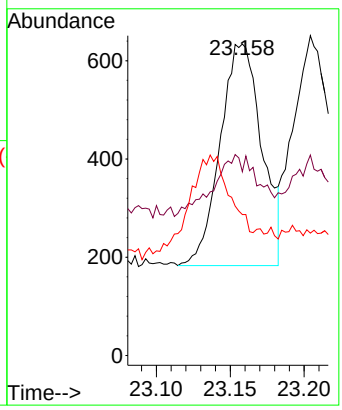


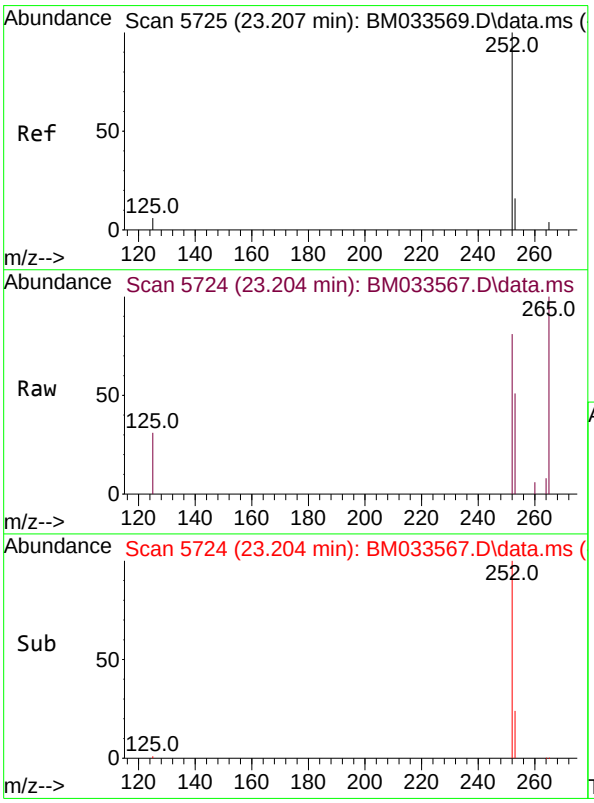
#24
Benzo(b)fluoranthene
Concen: 0.148 ng/ul
RT: 23.158 min Scan# 5
Delta R.T. 0.002 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 889

Ion	Ratio	Lower	Upper
252	100		
253	59.0	0.0	64.2
125	45.3	0.0	28.8#

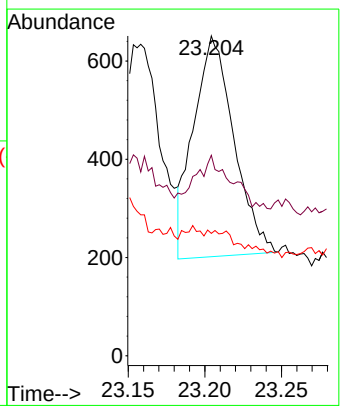


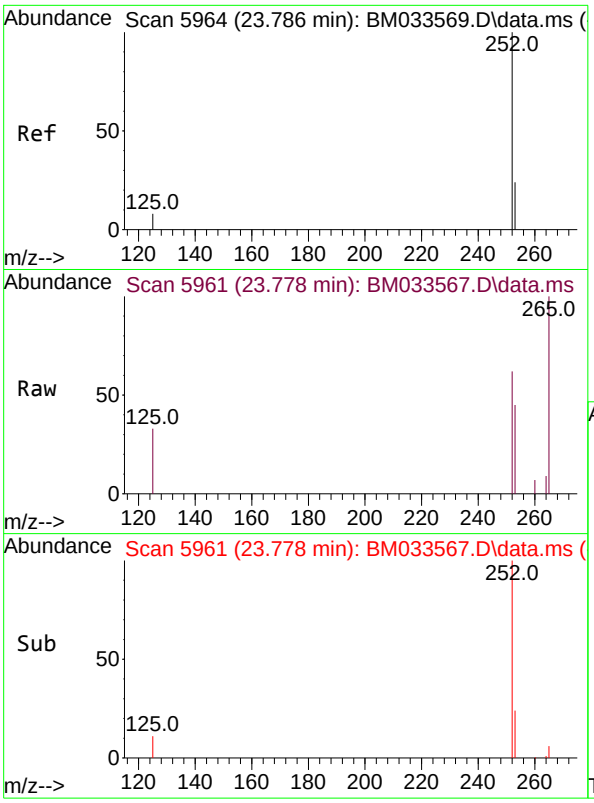


#25
Benzo(k)fluoranthene
Concen: 0.119 ng/ul
RT: 23.204 min Scan# 5724
Delta R.T. -0.002 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Tgt Ion:252 Resp: 824

Ion	Ratio	Lower	Upper
252	100		
253	62.7	26.8	40.2#
125	38.2	12.0	18.0#



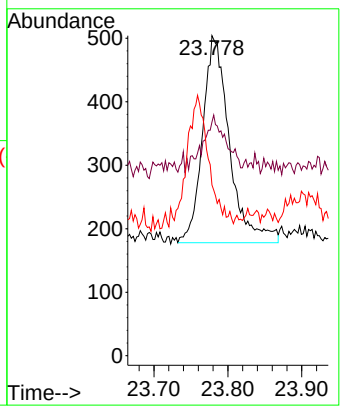


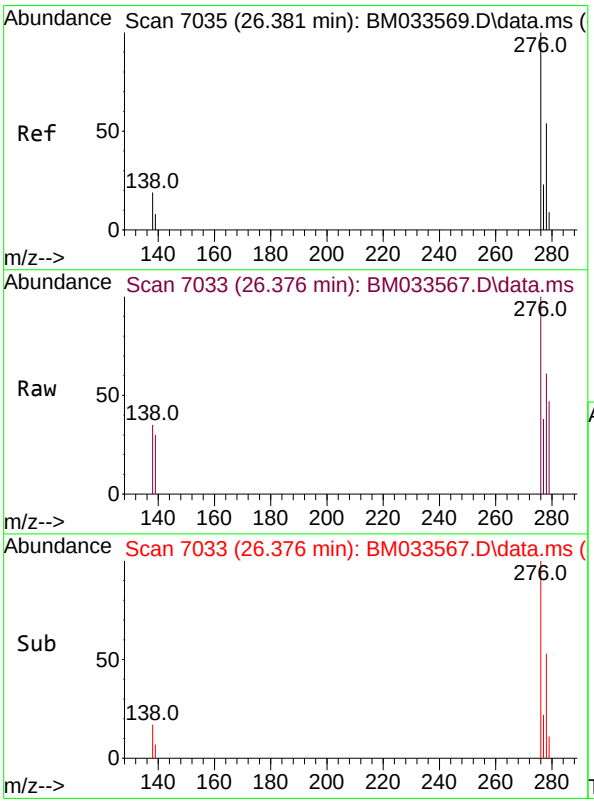
#26
Benzo(a)pyrene
Concen: 0.142 ng/ul
RT: 23.778 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 823

Ion	Ratio	Lower	Upper
252	100		
253	73.0	32.0	48.0#
125	53.4	14.5	21.7#

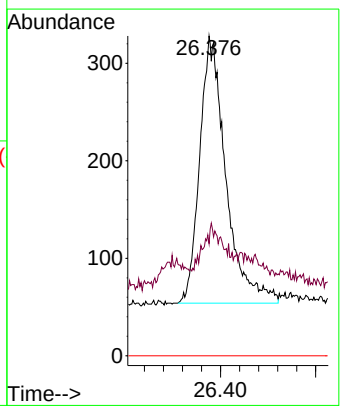


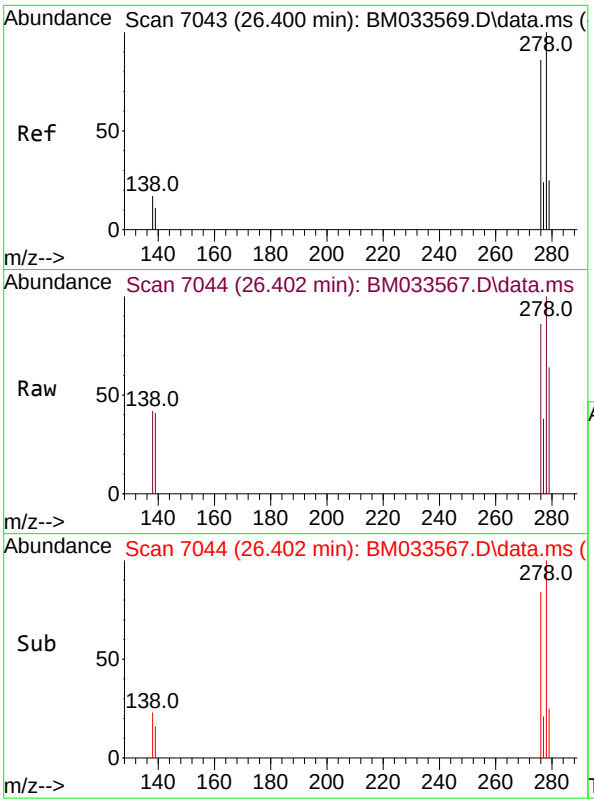


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.161 ng/ul
RT: 26.376 min Scan# 7033
Delta R.T. -0.005 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Tgt Ion:276 Resp: 1045

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



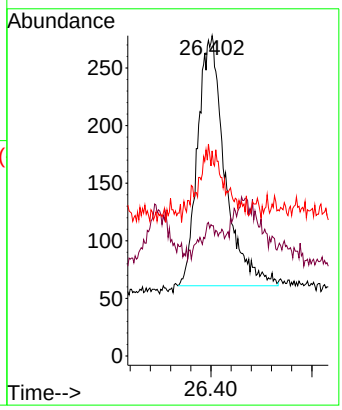


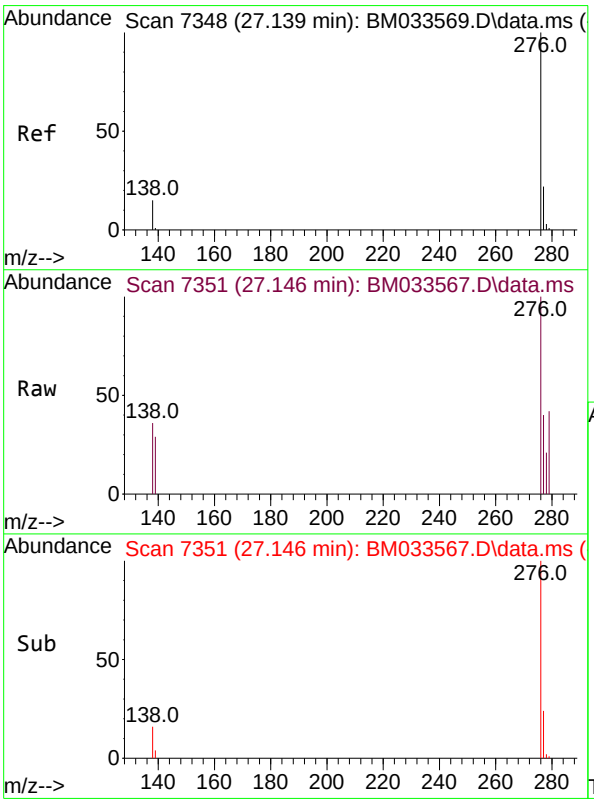
#28
Dibenzo(a,h)anthracene
Concen: 0.152 ng/ul
RT: 26.402 min Scan# 7
Delta R.T. 0.002 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 813

Ion	Ratio	Lower	Upper
278	100		
139	40.6	18.0	27.0#
279	64.0	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.161 ng/ul
RT: 27.146 min Scan# 7351
Delta R.T. 0.007 min
Lab File: BM033567.D
Acq: 22 Dec 2021 09:02

Tgt Ion:276 Resp: 938

Ion	Ratio	Lower	Upper
276	100		
138	36.4	17.4	26.0#
277	39.9	22.6	33.8#