Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM032989.D
Acq On : 11 Nov 2021 13:43
Operator : CG/JU
Sample : PB140679BS
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS679

Quant Time: Nov 11 15:33:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 11 13:40:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.462	152	1607	0.400	ng/ul	0.00
4) Naphthalene-d8	10.235	136	6320	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.114	164	3417	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.858	188	6205	0.400	ng/ul	0.00
17) Chrysene-d12	21.050	240	4326	0.400	ng/ul	0.00
23) Perylene-d12	23.156	264	3717	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.864	96	1555	0.758	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.831	152	2921	0.325	ng/ul	0.00
18) Fluoranthene-d10	18.889	212	4997	0.381	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.895	88	4108	1.949	ng/ul#	89
5) Naphthalene	10.284	128	6159	0.336	ng/ul	100
7) 2-Methylnaphthalene	11.908	142	3834	0.302	ng/ul	98
8) 1-Methylnaphthalene	12.128	142	3645	0.293	ng/ul	99
10) Acenaphthylene	13.837	152	4454	0.300	ng/ul	98
11) Acenaphthene	14.178	153	4144	0.319	ng/ul	99
12) Fluorene	15.172	166	4395	0.287	ng/ul	100
14) Pentachlorophenol	16.532	266	664	0.411	ng/ul	96
15) Phenanthrene	16.900	178	6403	0.311	ng/ul	99
16) Anthracene	16.994	178	5082	0.280	ng/ul	98
19) Fluoranthene	18.919	202	6920	0.341	ng/ul	97
20) Pyrene	19.285	202	7133	0.338	ng/ul	99
21) Benzo(a)anthracene	21.035	228	4832	0.302	ng/ul	99
22) Chrysene	21.086	228	6185	0.343	ng/ul	99
24) Benzo(b)fluoranthene	22.534	252	5690	0.334	ng/ul	90
25) Benzo(k)fluoranthene	22.575	252	6508	0.356	ng/ul#	89
26) Benzo(a)pyrene	23.067	252	4791	0.341	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.216	276	6673	0.412	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.223	278	5321	0.415	ng/ul	94
29) Benzo(g,h,i)perylene	25.843	276	6263	0.446	ng/ul	100

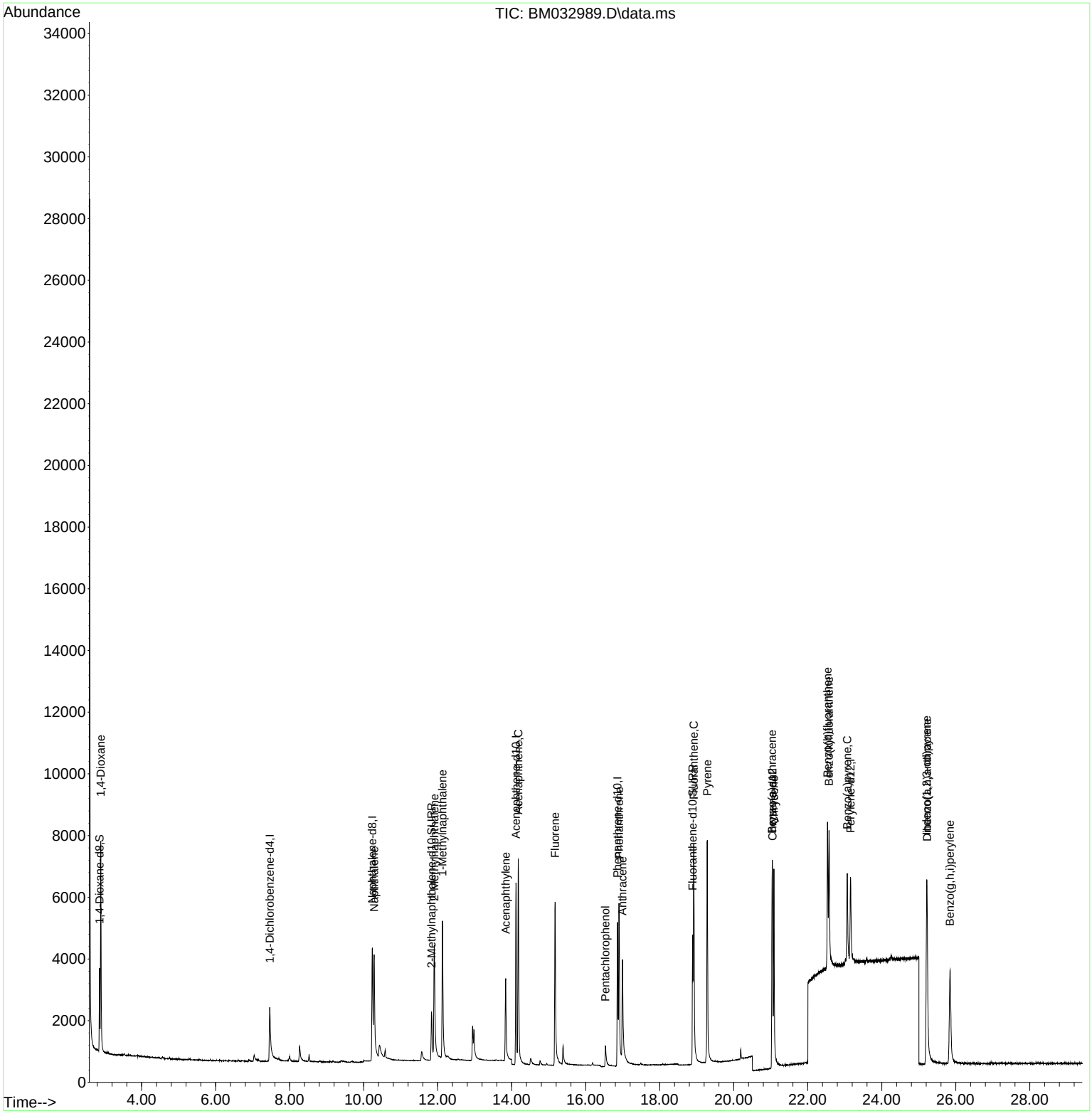
(#) = qualifier out of range (m) = manual integration (+) = signals summed

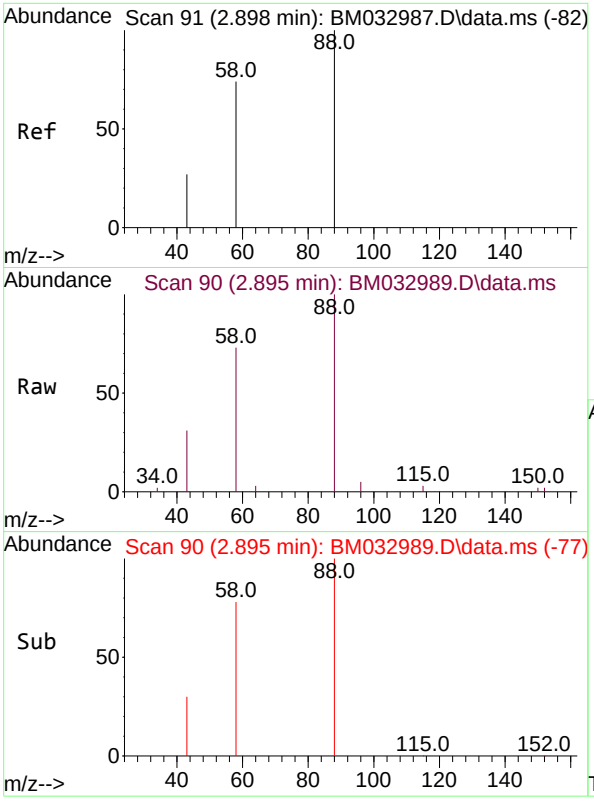
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM032989.D
Acq On : 11 Nov 2021 13:43
Operator : CG/JU
Sample : PB140679BS
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS679

Quant Time: Nov 11 15:33:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 11 13:40:18 2021
Response via : Initial Calibration



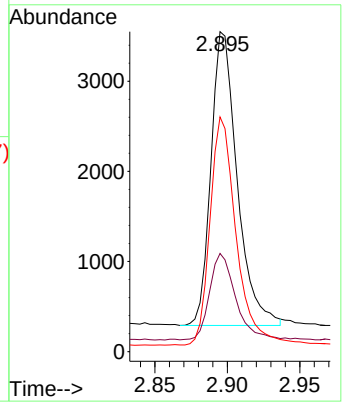


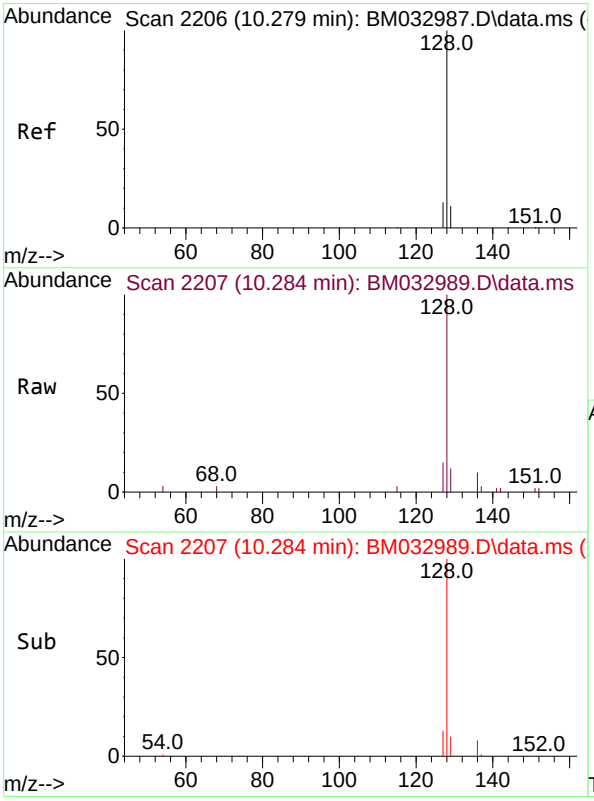
#2
1,4-Dioxane
Concen: 1.949 ng/ul
RT: 2.895 min Scan# 9
Delta R.T. -0.003 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion: 88 Resp: 4108

Ion	Ratio	Lower	Upper
88	100		
43	30.7	35.8	53.8#
58	73.4	55.8	83.8

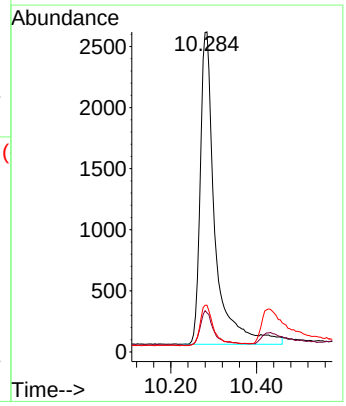


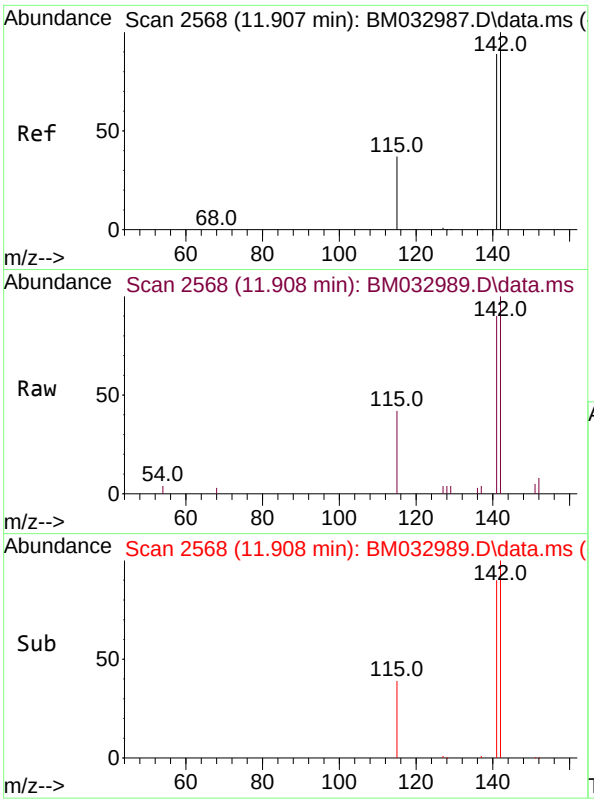


#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.284 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Tgt Ion:128 Resp: 6159

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	14.6	11.8	17.8



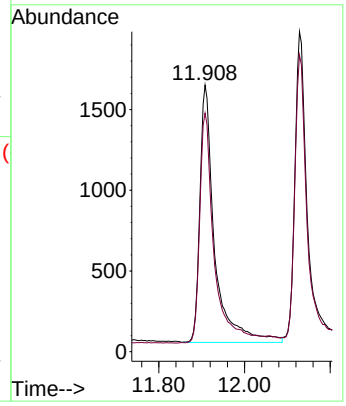


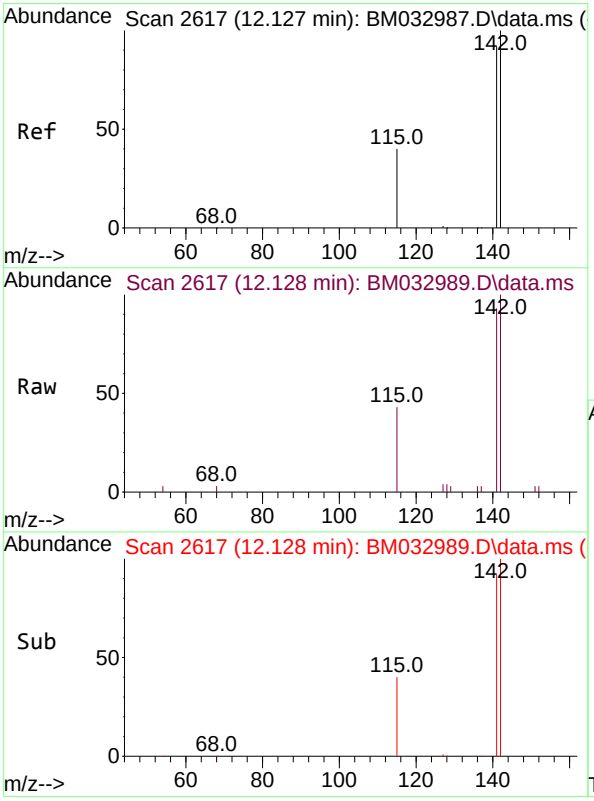
#7
2-Methylnaphthalene
Concen: 0.302 ng/ul
RT: 11.908 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion:142 Resp: 3834

Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.3	109.9

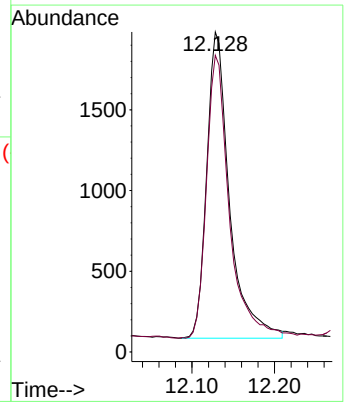


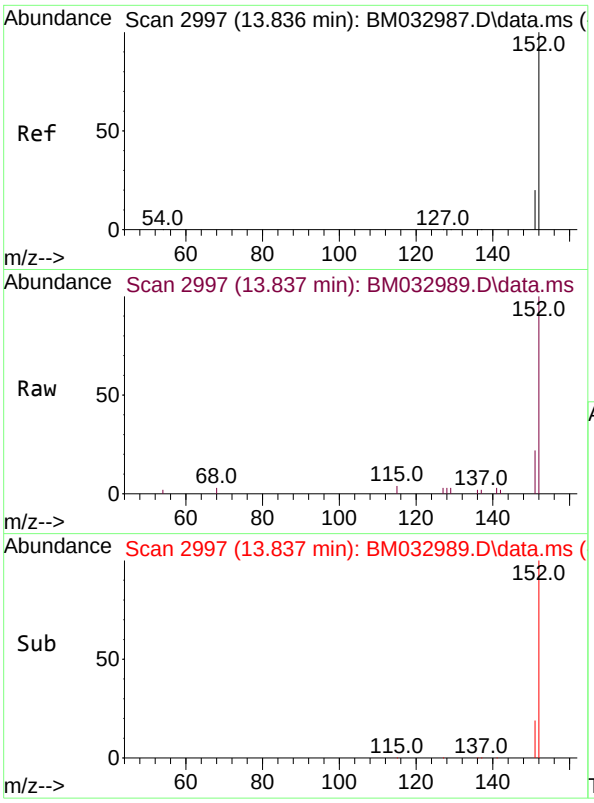


#8
1-Methylnaphthalene
Concen: 0.293 ng/ul
RT: 12.128 min Scan# 2617
Delta R.T. 0.001 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Tgt Ion:142 Resp: 3645

Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.5	111.7



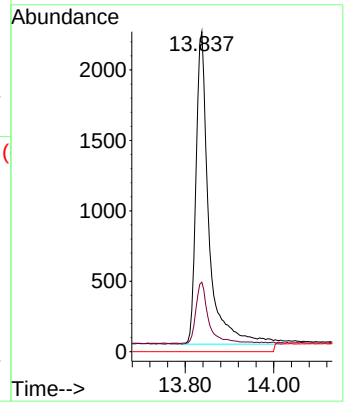


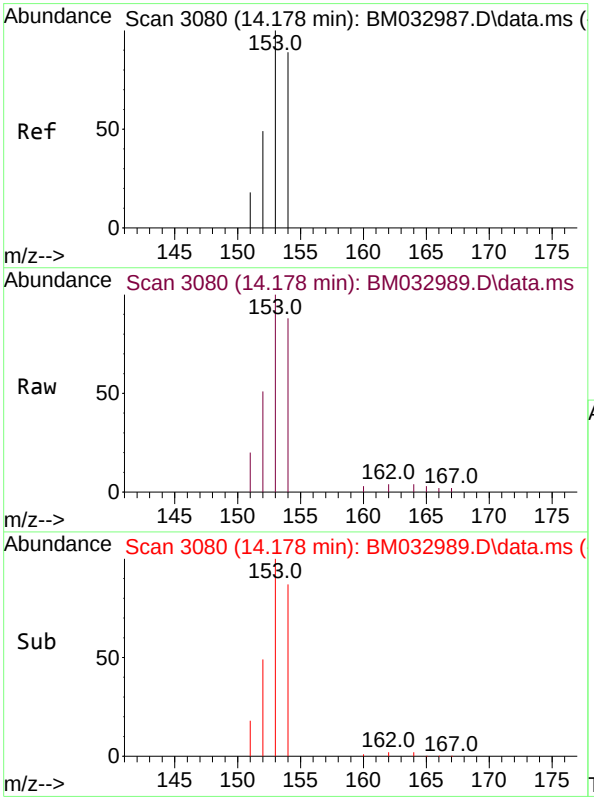
#10
Acenaphthylene
Concen: 0.300 ng/ul
RT: 13.837 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion:152 Resp: 4454

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.7	25.1
153	0.0	0.0	0.0

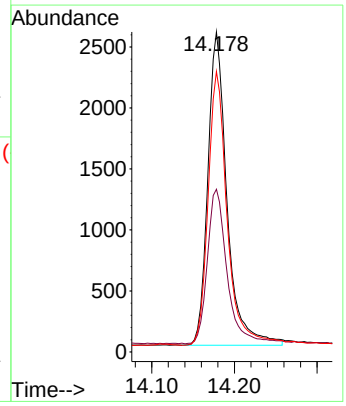


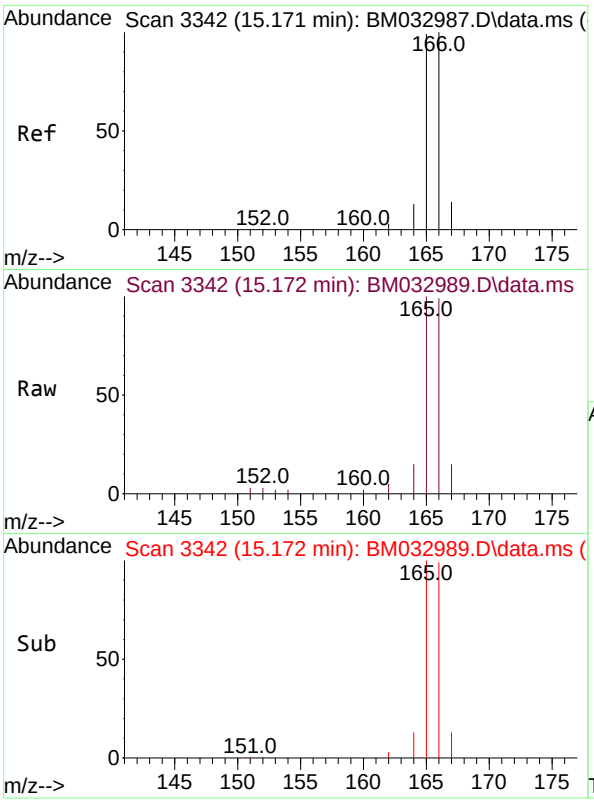


#11
Acenaphthene
Concen: 0.319 ng/ul
RT: 14.178 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Tgt Ion:153 Resp: 4144

Ion	Ratio	Lower	Upper
153	100		
152	50.9	40.6	60.8
154	87.6	70.8	106.2



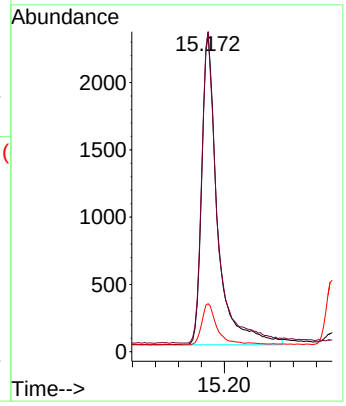


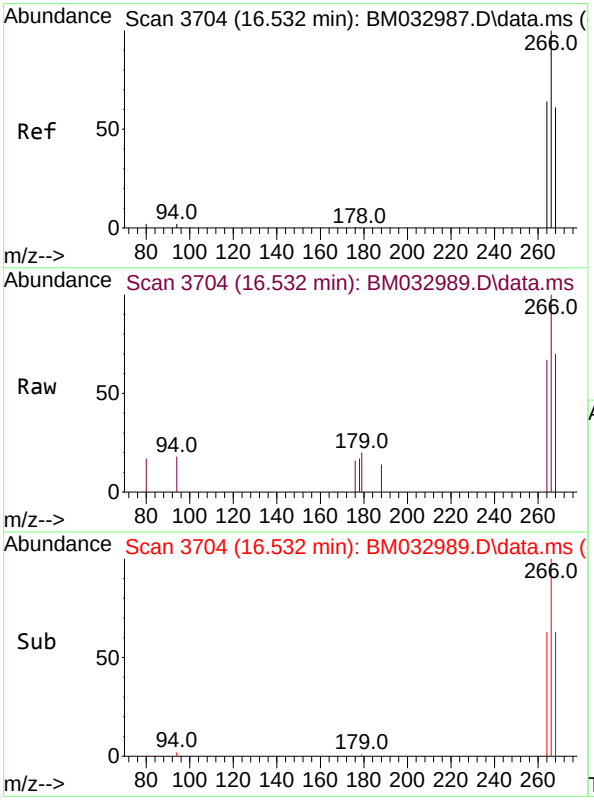
#12
Fluorene
Concen: 0.287 ng/ul
RT: 15.172 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion:166 Resp: 4395

Ion	Ratio	Lower	Upper
166	100		
165	101.2	80.8	121.2
167	15.2	11.7	17.5

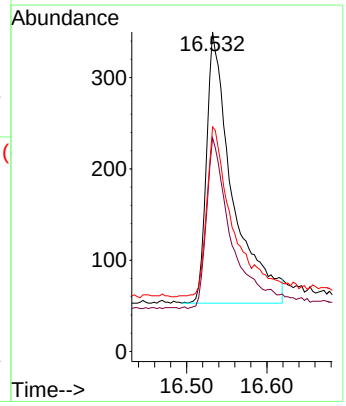


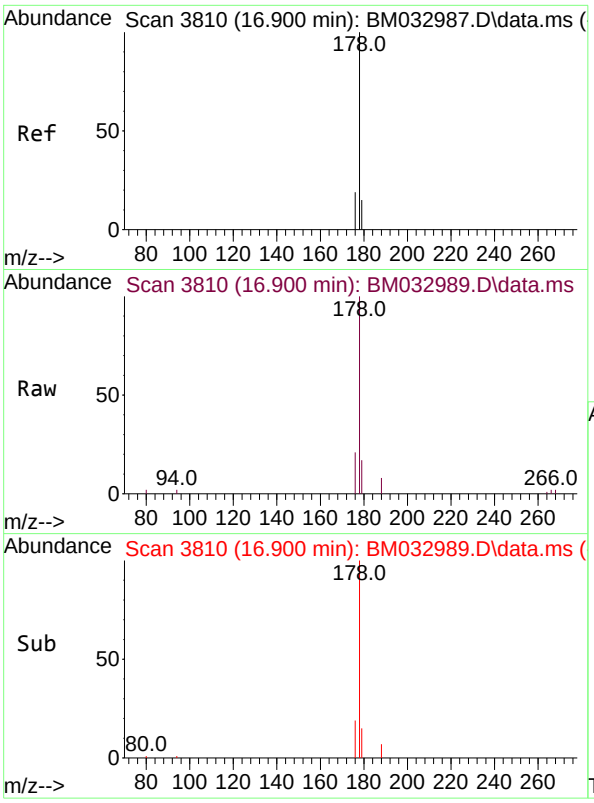


#14
Pentachlorophenol
Concen: 0.411 ng/ul
RT: 16.532 min Scan# 3704
Delta R.T. 0.000 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Tgt Ion:266 Resp: 664

Ion	Ratio	Lower	Upper
266	100		
264	61.1	51.2	76.8
268	62.8	52.9	79.3



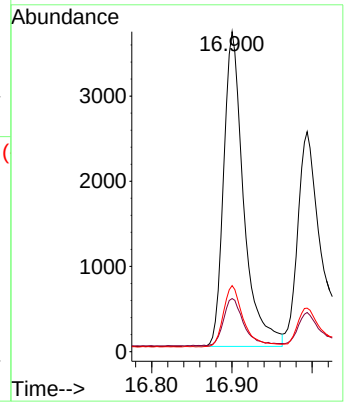


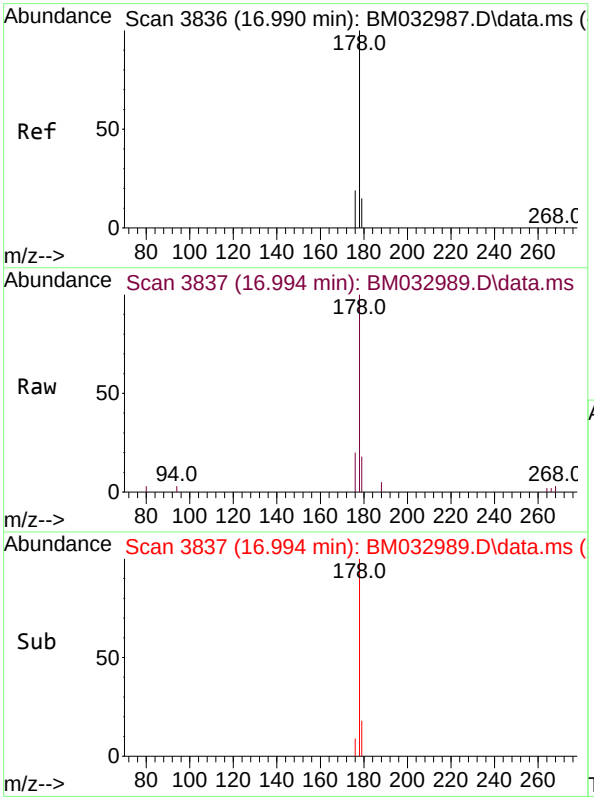
#15
Phenanthrene
Concen: 0.311 ng/ul
RT: 16.900 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion:178 Resp: 6403

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.9	19.3
176	20.6	16.0	24.0

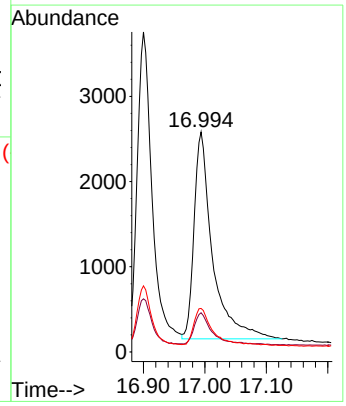


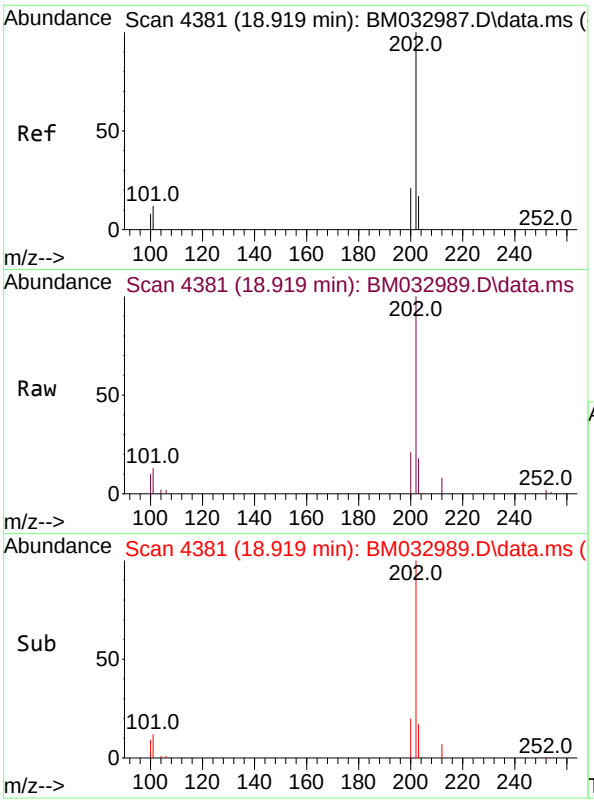


#16
Anthracene
Concen: 0.280 ng/ul
RT: 16.994 min Scan# 3837
Delta R.T. 0.004 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Tgt Ion:178 Resp: 5082

Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.0	19.6
176	19.8	15.6	23.4



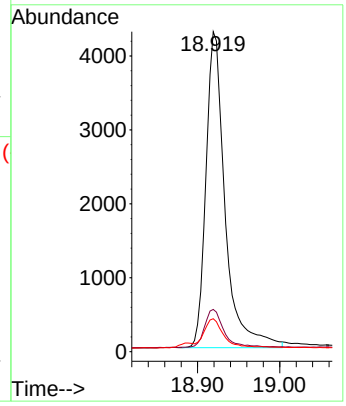


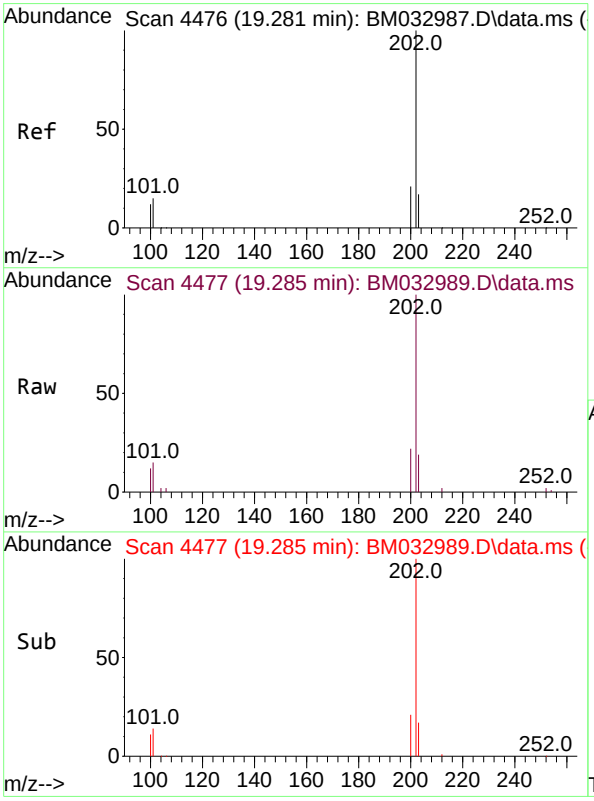
#19
Fluoranthene
Concen: 0.341 ng/ul
RT: 18.919 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion:202 Resp: 6920

Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.9	14.9
100	10.3	7.3	10.9

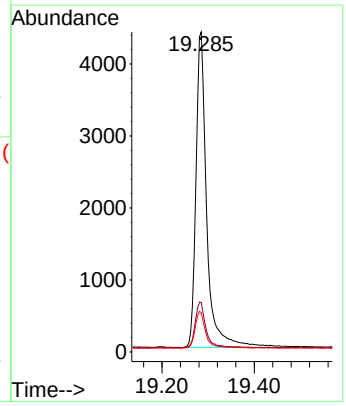


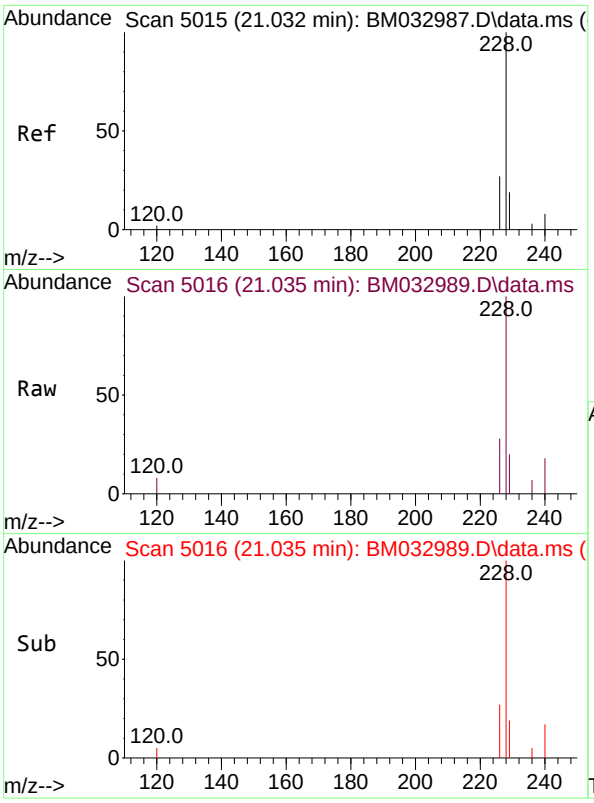


#20
Pyrene
Concen: 0.338 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. 0.004 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Tgt Ion:202 Resp: 7133

Ion	Ratio	Lower	Upper
202	100		
101	15.4	11.8	17.6
100	12.3	9.5	14.3



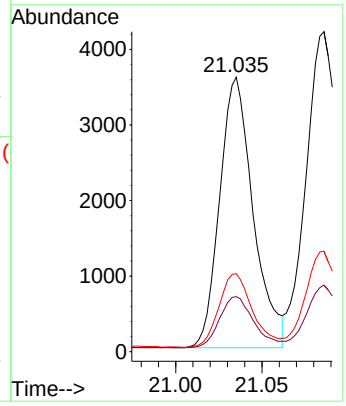


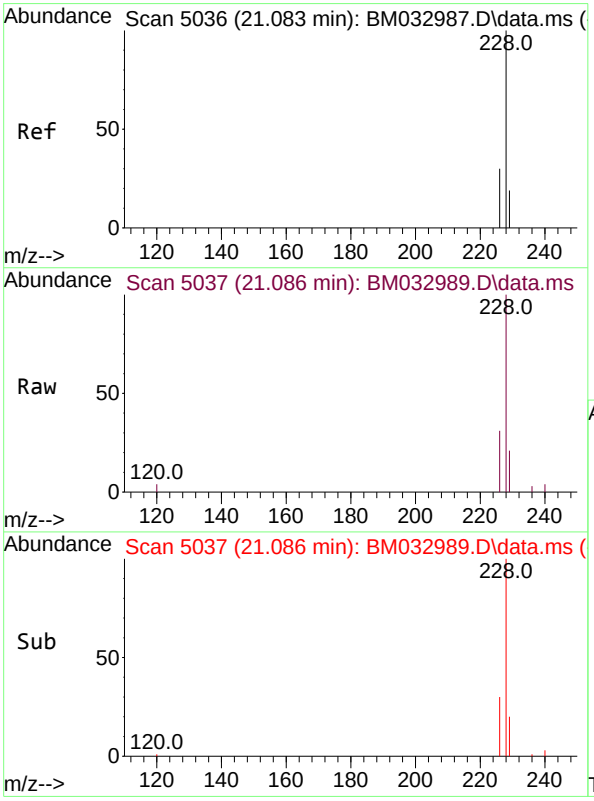
#21
Benzo(a)anthracene
Concen: 0.302 ng/ul
RT: 21.035 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion:228 Resp: 4832

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.7	23.5
226	28.4	22.4	33.6

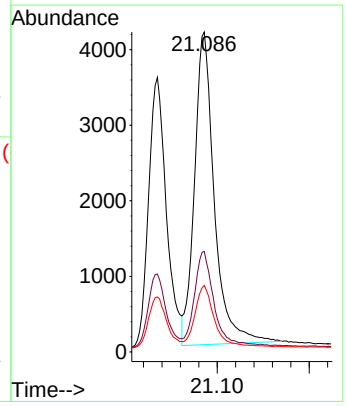


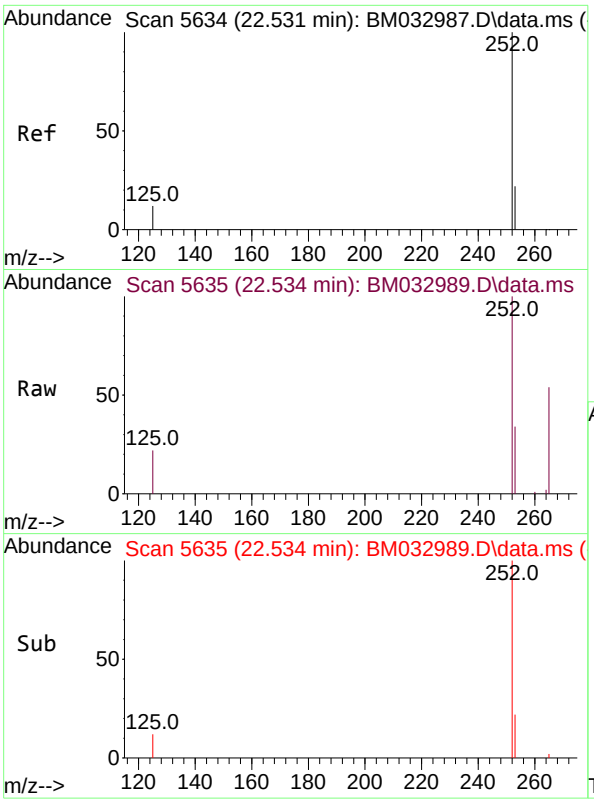


#22
Chrysene
Concen: 0.343 ng/ul
RT: 21.086 min Scan# 5037
Delta R.T. 0.003 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Tgt Ion:228 Resp: 6185

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.8	16.1	24.1



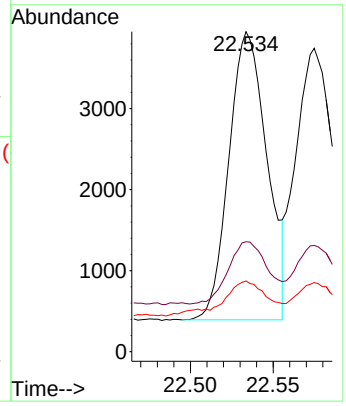


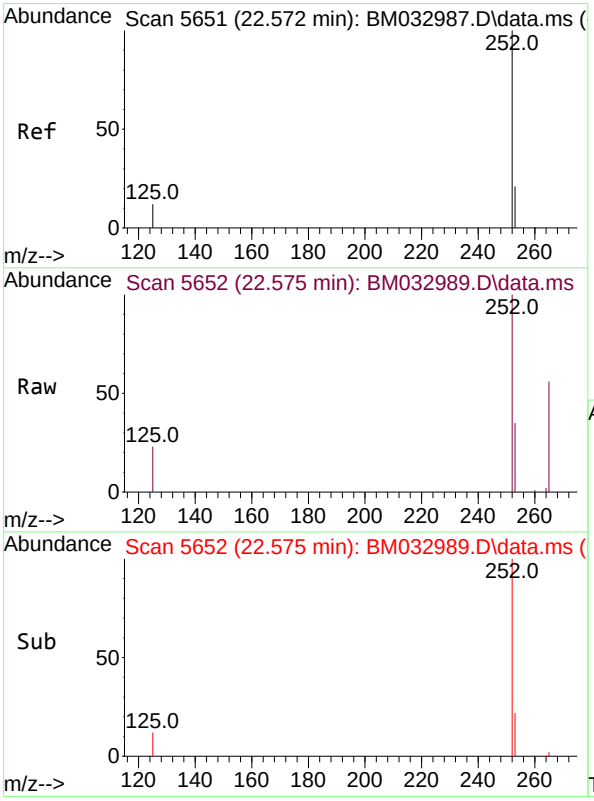
#24
Benzo(b)fluoranthene
Concen: 0.334 ng/ul
RT: 22.534 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion:252 Resp: 5690

Ion	Ratio	Lower	Upper
252	100		
253	34.4	0.0	59.2
125	22.1	0.0	34.2

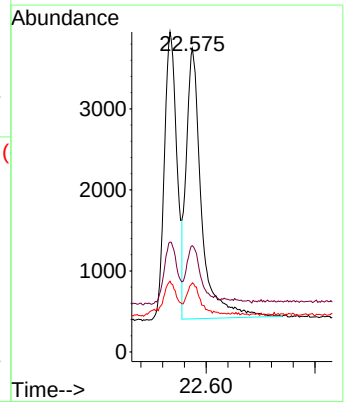


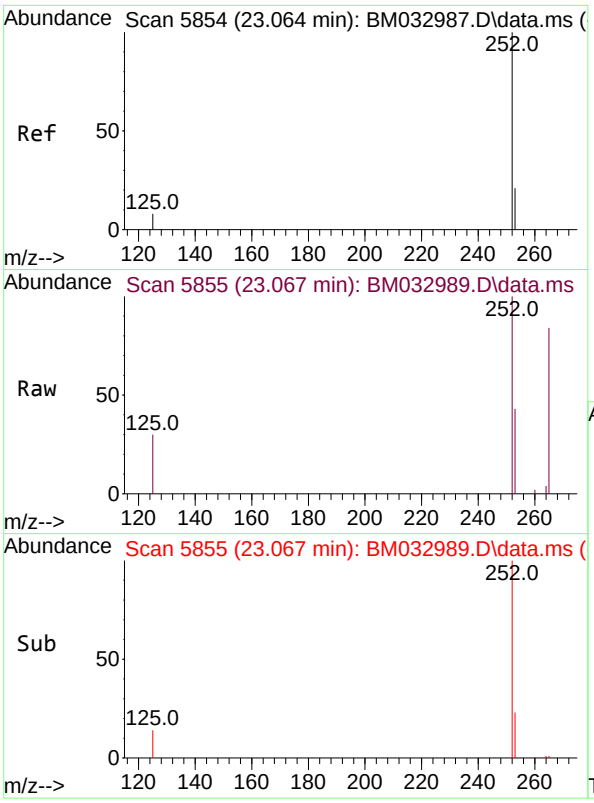


#25
Benzo(k)fluoranthene
Concen: 0.356 ng/ul
RT: 22.575 min Scan# 5652
Delta R.T. 0.003 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Tgt Ion:252 Resp: 6508

Ion	Ratio	Lower	Upper
252	100		
253	35.0	23.1	34.7#
125	22.8	14.6	21.8#



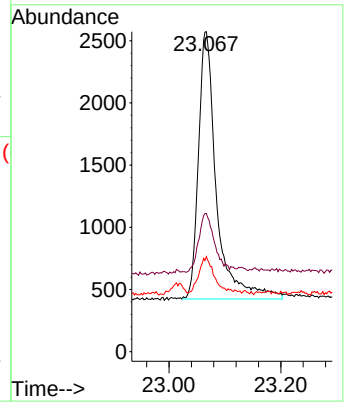


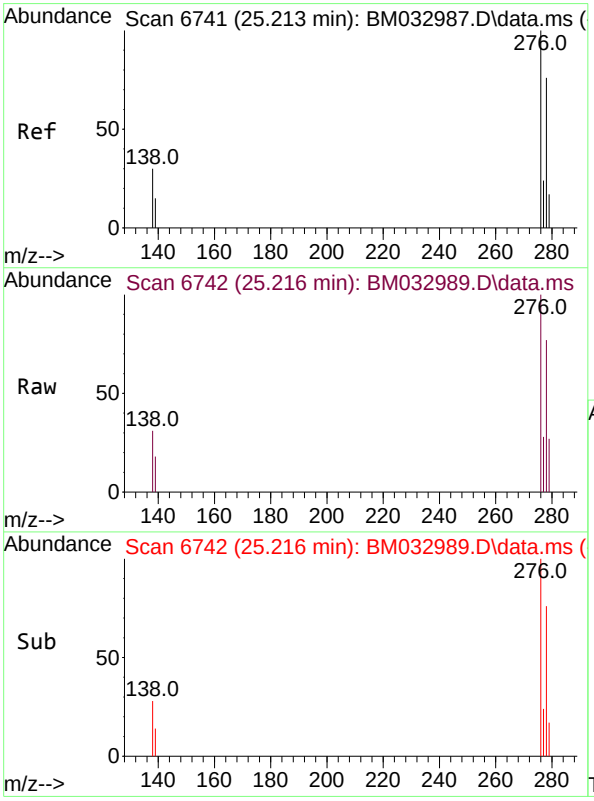
#26
Benzo(a)pyrene
Concen: 0.341 ng/ul
RT: 23.067 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion:252 Resp: 4791

Ion	Ratio	Lower	Upper
252	100		
253	43.2	27.1	40.7#
125	29.7	17.4	26.2#

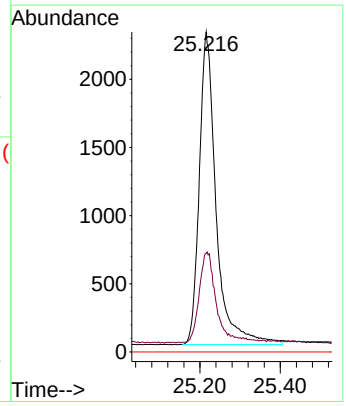


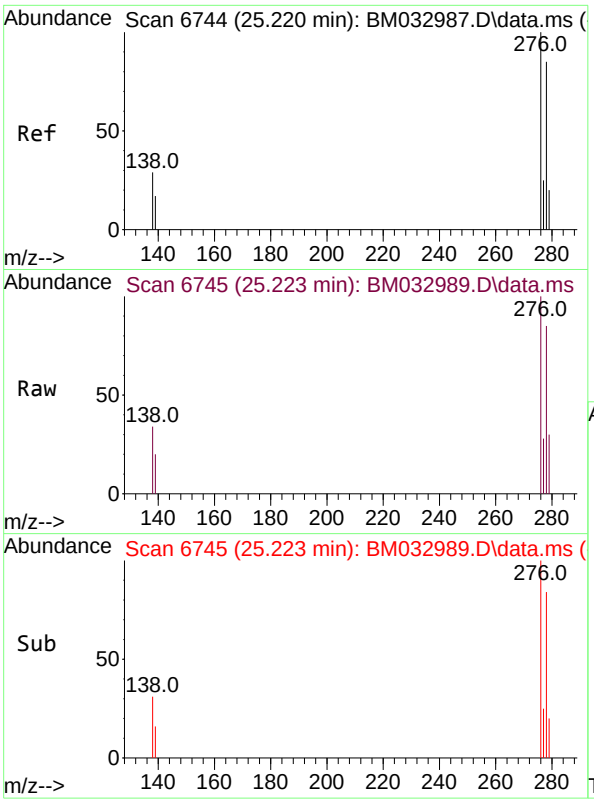


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng/ul
RT: 25.216 min Scan# 6742
Delta R.T. 0.003 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Tgt Ion:276 Resp: 6673

Ion	Ratio	Lower	Upper
276	100		
138	29.1	22.9	34.3
227	0.0	0.0	0.0



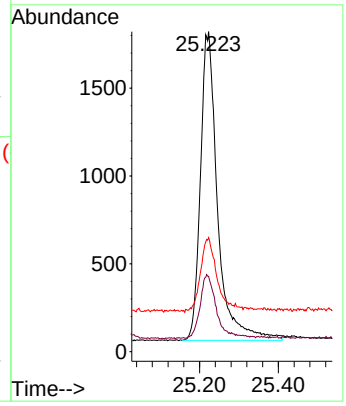


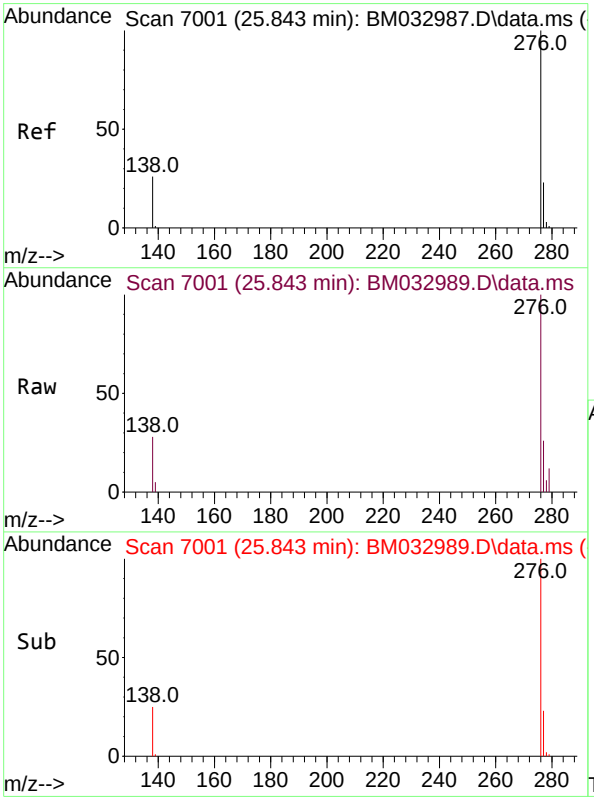
#28
Dibenzo(a,h)anthracene
Concen: 0.415 ng/ul
RT: 25.223 min Scan# 6
Delta R.T. 0.003 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion:278 Resp: 5321

Ion	Ratio	Lower	Upper
278	100		
139	23.5	18.2	27.2
279	35.6	24.6	36.8





#29
Benzo(g,h,i)perylene
Concen: 0.446 ng/ul
RT: 25.843 min Scan# 7001
Delta R.T. 0.000 min
Lab File: BM032989.D
Acq: 11 Nov 2021 13:43

Tgt Ion:276 Resp: 6263

Ion	Ratio	Lower	Upper
276	100		
138	27.8	22.2	33.2
277	26.3	21.0	31.4