Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
Data File : BM033468.D
Acq On : 15 Dec 2021 08:33
Operator : CG/JU
Sample : PB141277BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS277

Quant Time: Dec 16 02:32:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 15 01:00:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	690	0.400	ng/ul	0.00
4) Naphthalene-d8	10.697	136	1820	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.519	164	1199	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.264	188	2837	0.400	ng/ul	-0.02
17) Chrysene-d12	21.424	240	3559	0.400	ng/ul	-0.01
23) Perylene-d12	23.737	264	2944	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	414	0.740	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.290	152	987	0.429	ng/ul	-0.01
18) Fluoranthene-d10	19.281	212	3592	0.464	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	1309	1.791	ng/ul#	83
5) Naphthalene	10.747	128	2268	0.341	ng/ul	98
7) 2-Methylnaphthalene	12.362	142	1390	0.366	ng/ul	94
8) 1-Methylnaphthalene	12.573	142	1390	0.355	ng/ul	99
10) Acenaphthylene	14.246	152	2253	0.336	ng/ul	97
11) Acenaphthene	14.583	153	1809	0.343	ng/ul	97
12) Fluorene	15.577	166	1995	0.354	ng/ul	98
14) Pentachlorophenol	16.924	266	509	0.500	ng/ul	98
15) Phenanthrene	17.306	178	3186	0.344	ng/ul	99
16) Anthracene	17.403	178	2892	0.354	ng/ul	99
19) Fluoranthene	19.311	202	4081	0.436	ng/ul#	92
20) Pyrene	19.673	202	4369	0.423	ng/ul#	92
21) Benzo(a)anthracene	21.412	228	3376	0.426	ng/ul	98
22) Chrysene	21.463	228	4071	0.412	ng/ul	97
24) Benzo(b)fluoranthene	23.035	252	3512	0.449	ng/ul	97
25) Benzo(k)fluoranthene	23.083	252	3930	0.437	ng/ul#	97
26) Benzo(a)pyrene	23.643	252	3084	0.409	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.102	276	3406	0.404	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.121	278	2817	0.404	ng/ul	97
29) Benzo(g,h,i)perylene	26.821	276	3046	0.401	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
Data File : BM033468.D
Acq On : 15 Dec 2021 08:33
Operator : CG/JU
Sample : PB141277BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
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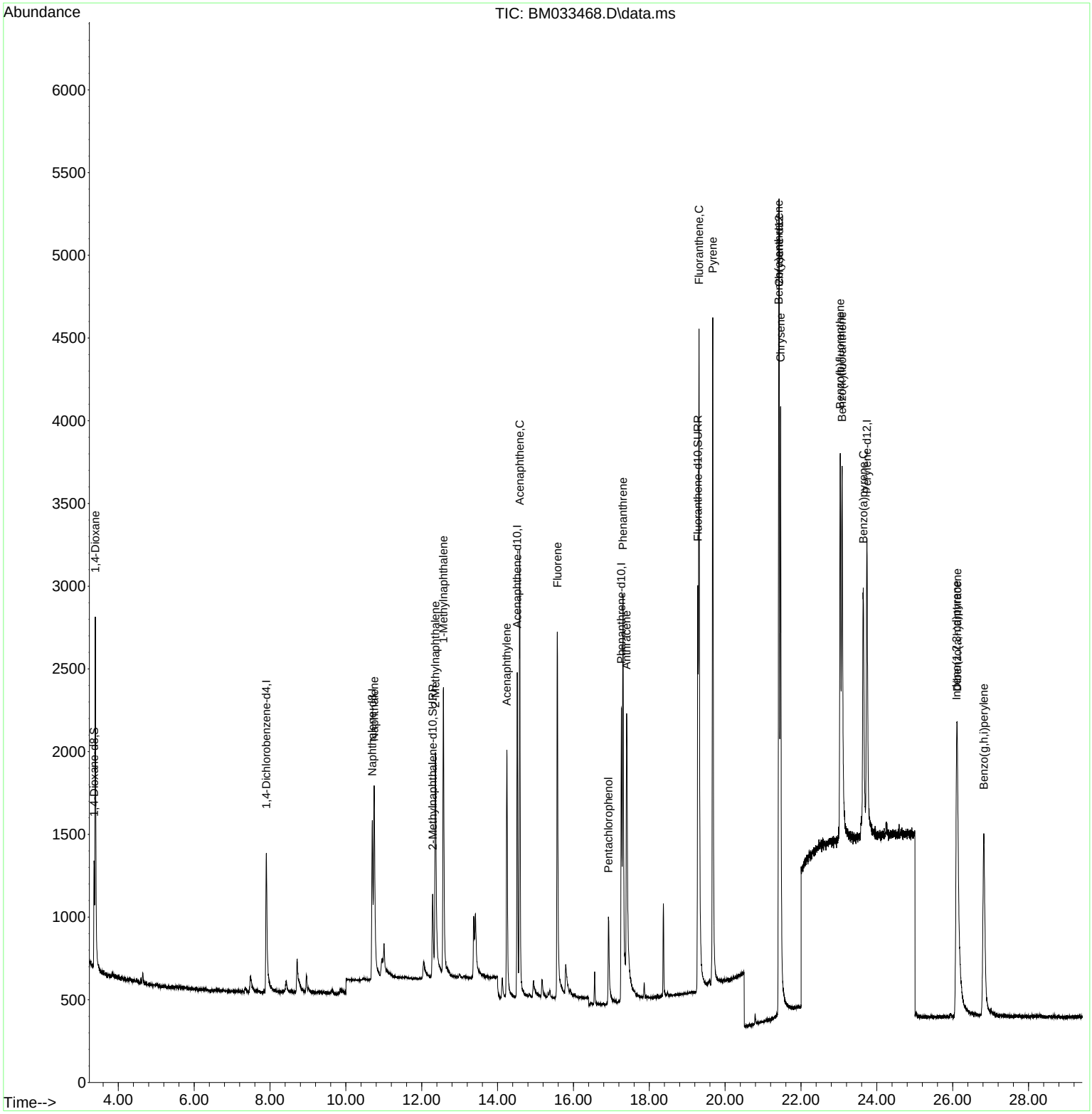
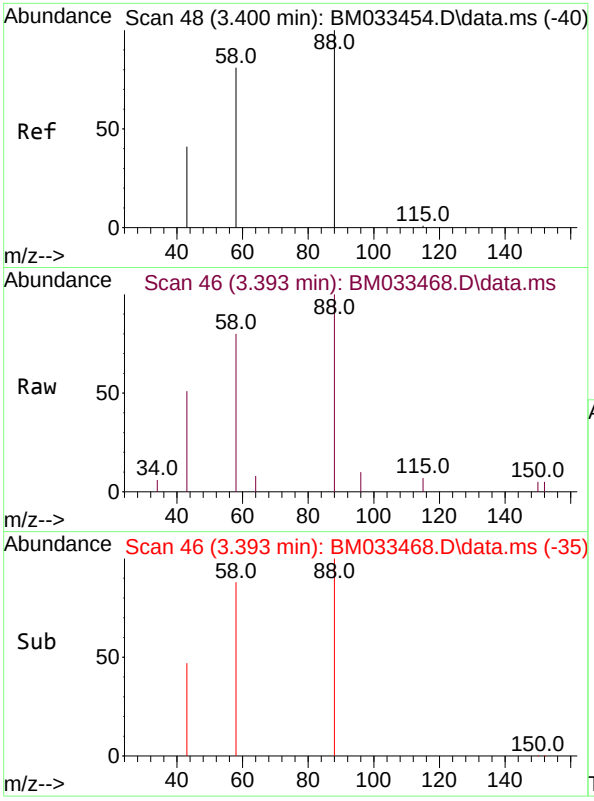
SLCS277

Quant Time: Dec 16 02:32:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 15 01:00:55 2021
Response via : Initial Calibration



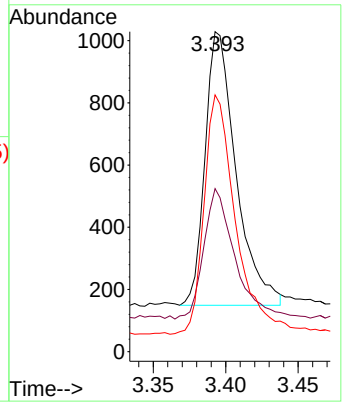


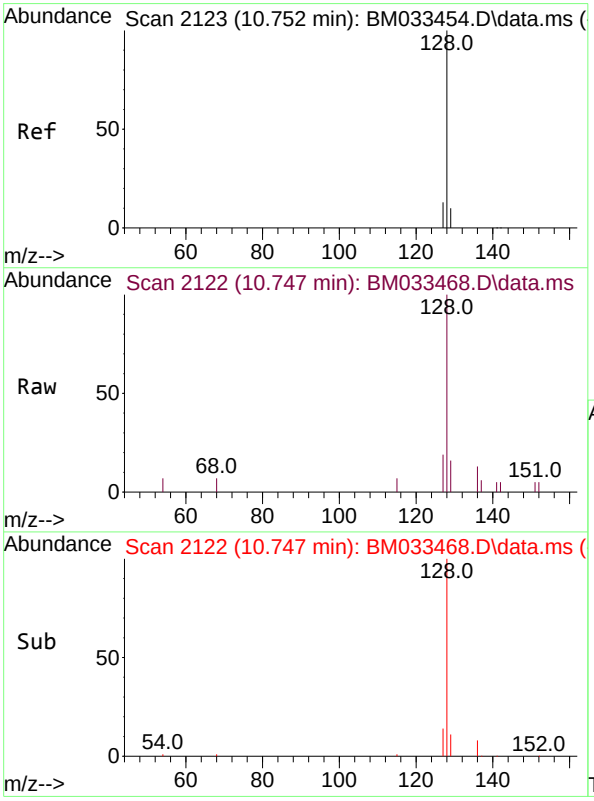
#2
1,4-Dioxane
Concen: 1.791 ng/ul
RT: 3.393 min Scan# 4
Delta R.T. -0.010 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Instrument :
BNA_M
ClientSampleId :
SLCS277

Tgt Ion: 88 Resp: 1309

Ion	Ratio	Lower	Upper
88	100		
43	50.9	49.7	74.5
58	80.3	52.5	78.7#

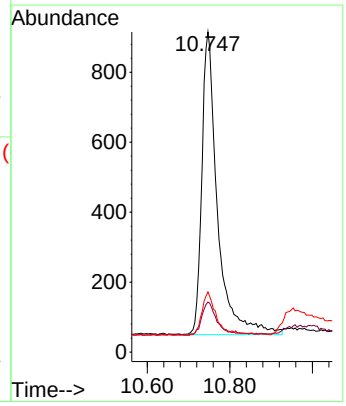


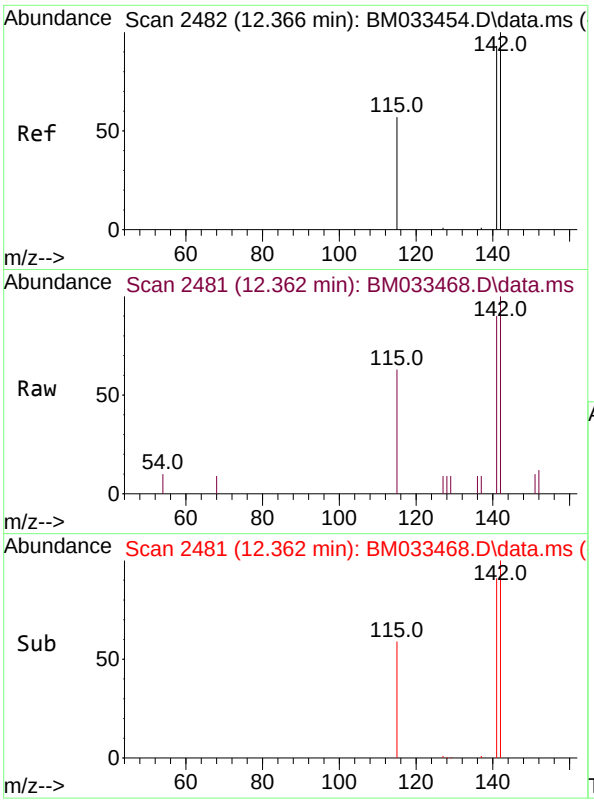


#5
Naphthalene
Concen: 0.341 ng/ul
RT: 10.747 min Scan# 2122
Delta R.T. -0.009 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Tgt Ion:128 Resp: 2268

Ion	Ratio	Lower	Upper
128	100		
129	15.6	13.4	20.2
127	18.8	15.2	22.8



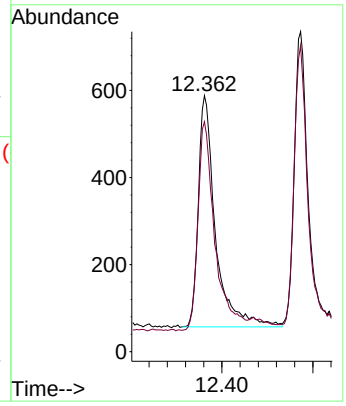


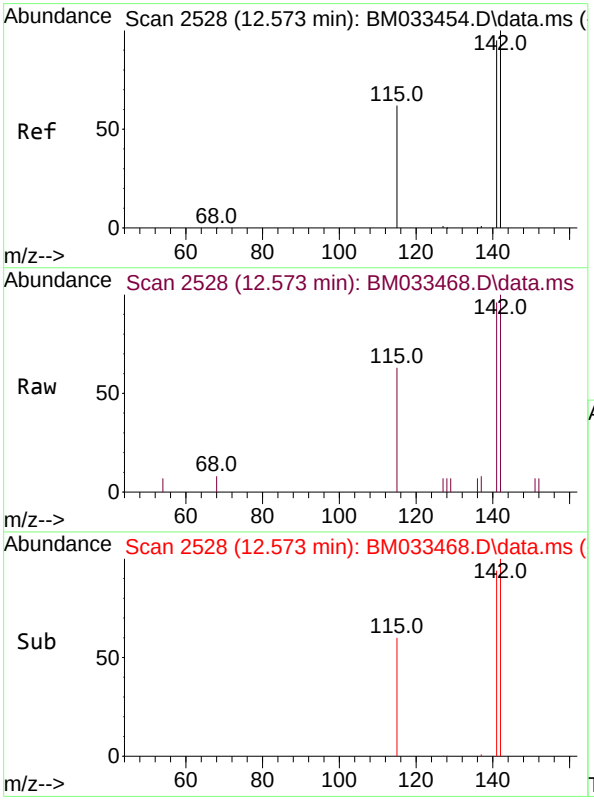
#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.362 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Instrument :
BNA_M
ClientSampleId :
SLCS277

Tgt Ion:142 Resp: 1390

Ion	Ratio	Lower	Upper
142	100		
141	95.1	71.8	107.6

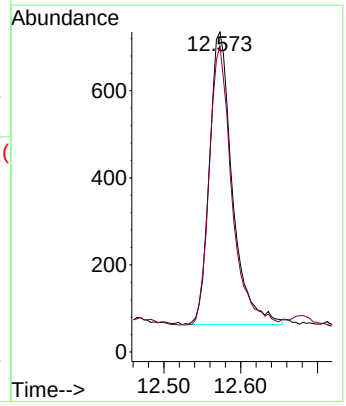


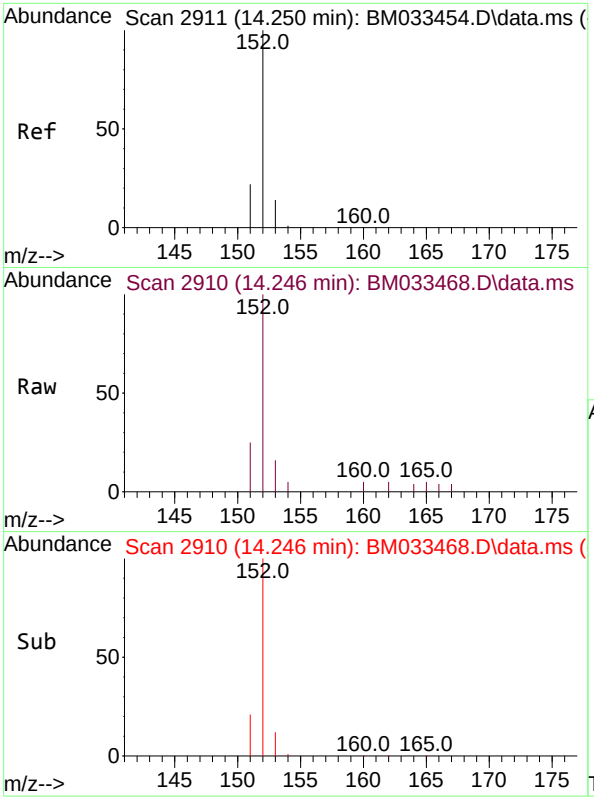


#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.573 min Scan# 2528
Delta R.T. -0.009 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Tgt Ion:142 Resp: 1390

Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.0	112.4



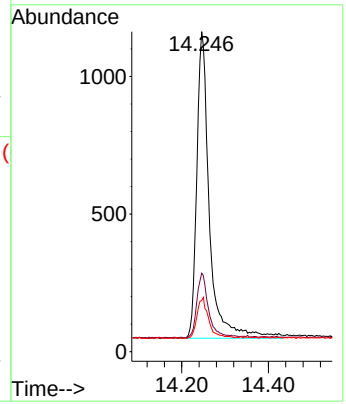


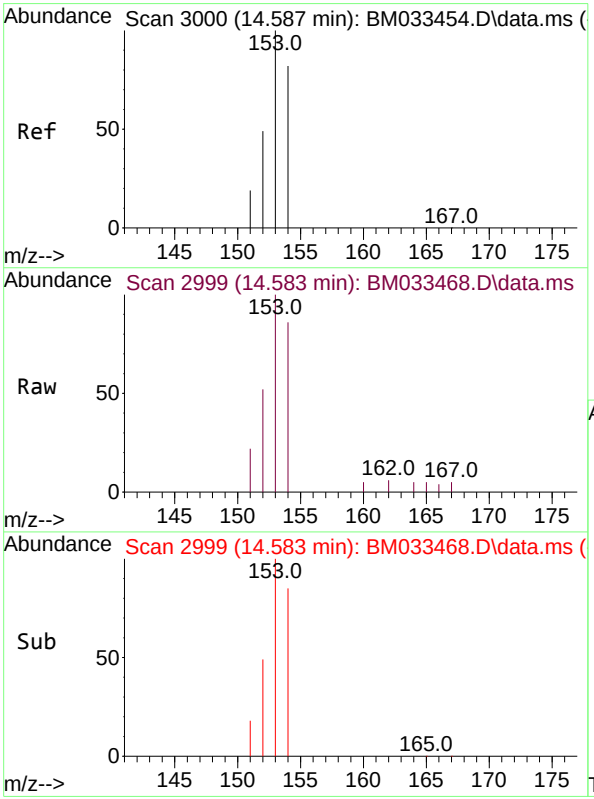
#10
Acenaphthylene
Concen: 0.336 ng/ul
RT: 14.246 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Instrument :
BNA_M
ClientSampleId :
SLCS277

Tgt Ion:152 Resp: 2253

Ion	Ratio	Lower	Upper
152	100		
151	24.5	19.9	29.9
153	16.0	15.0	22.4

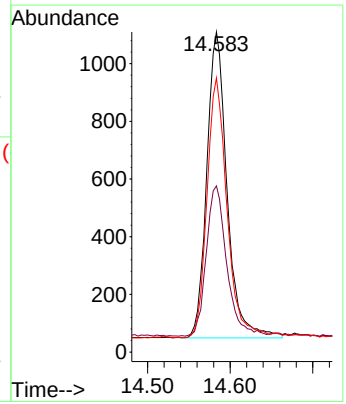


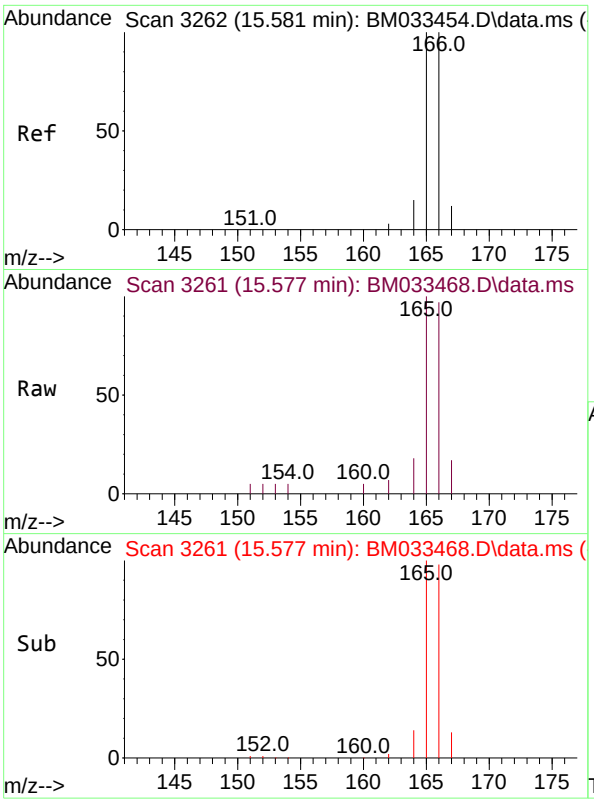


#11
Acenaphthene
Concen: 0.343 ng/ul
RT: 14.583 min Scan# 2999
Delta R.T. -0.008 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Tgt Ion:153 Resp: 1809

Ion	Ratio	Lower	Upper
153	100		
152	51.9	42.4	63.6
154	85.7	66.2	99.2



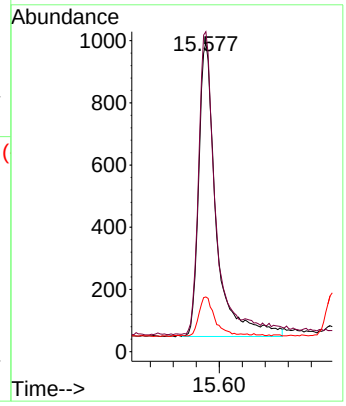


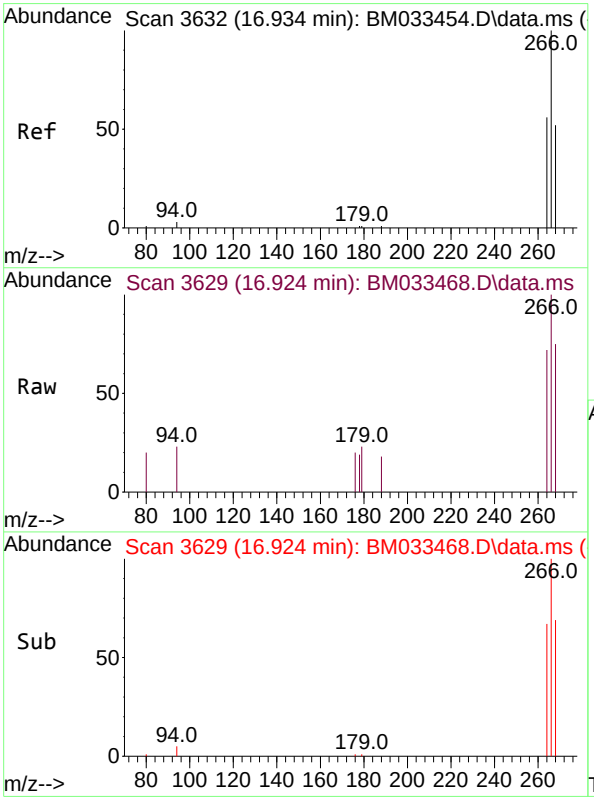
#12
Fluorene
Concen: 0.354 ng/ul
RT: 15.577 min Scan# 3
Delta R.T. -0.015 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Instrument :
BNA_M
ClientSampleId :
SLCS277

Tgt Ion:166 Resp: 1995

Ion	Ratio	Lower	Upper
166	100		
165	103.4	81.1	121.7
167	17.7	14.9	22.3

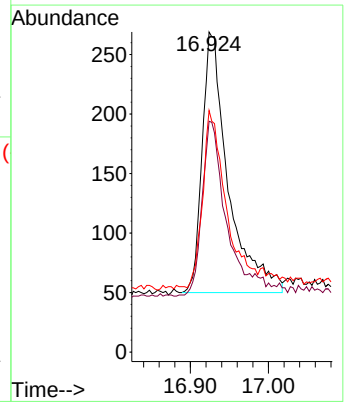


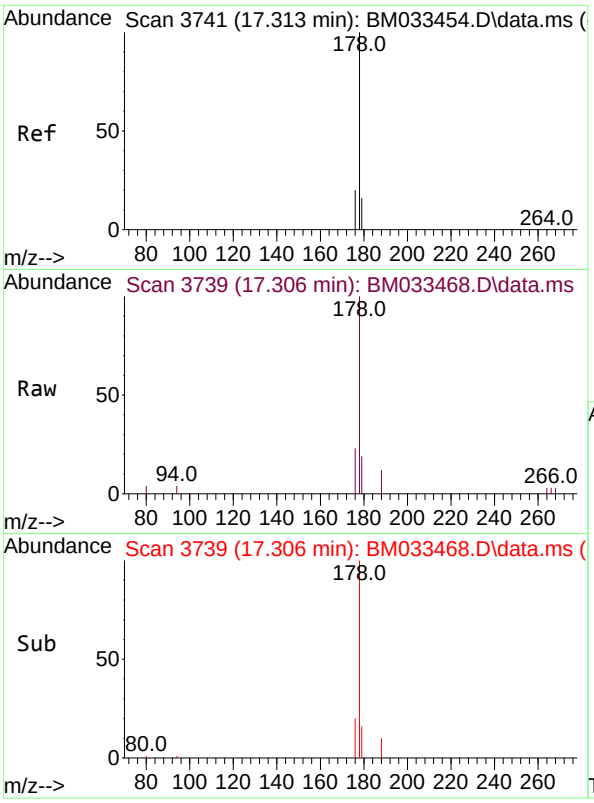


#14
Pentachlorophenol
Concen: 0.500 ng/ul
RT: 16.924 min Scan# 3629
Delta R.T. -0.024 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Tgt Ion:266 Resp: 509

Ion	Ratio	Lower	Upper
266	100		
264	63.5	51.4	77.0
268	63.3	53.1	79.7



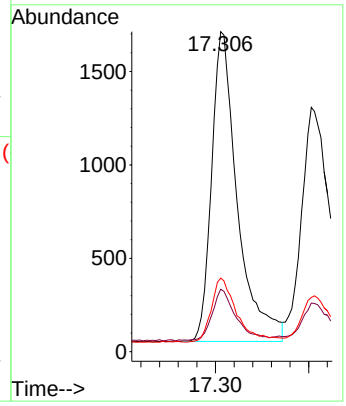


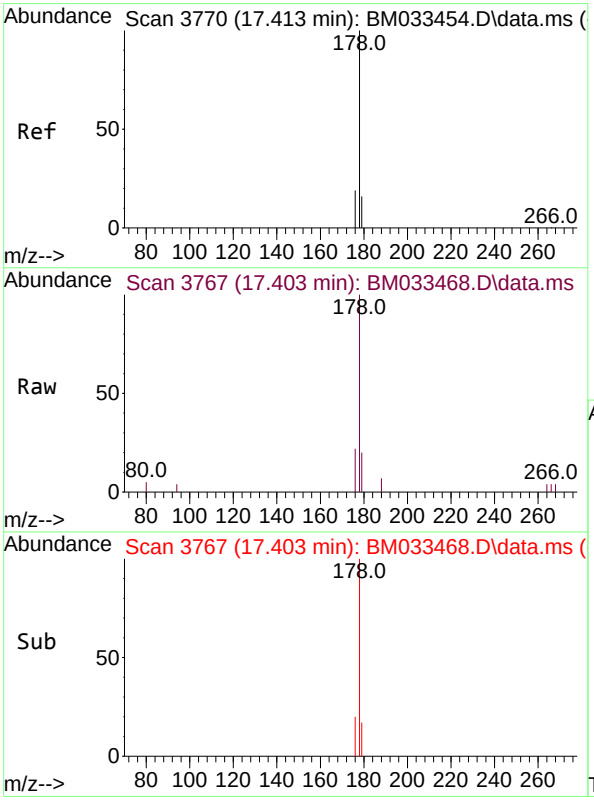
#15
Phenanthrene
Concen: 0.344 ng/ul
RT: 17.306 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Instrument :
BNA_M
ClientSampleId :
SLCS277

Tgt Ion:178 Resp: 3186

Ion	Ratio	Lower	Upper
178	100		
179	19.5	15.0	22.6
176	23.0	17.9	26.9

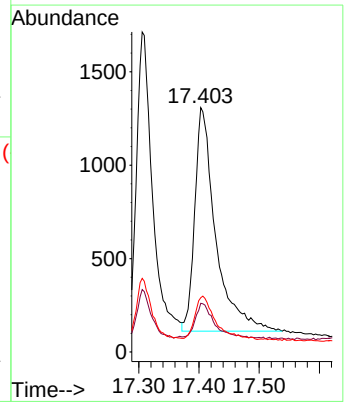


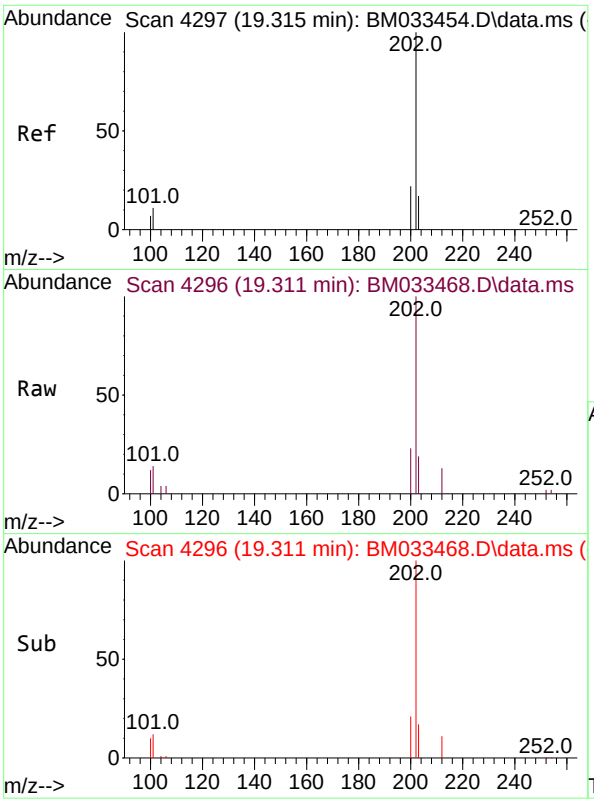


#16
Anthracene
Concen: 0.354 ng/ul
RT: 17.403 min Scan# 3767
Delta R.T. -0.021 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Tgt Ion:178 Resp: 2892

Ion	Ratio	Lower	Upper
178	100		
179	20.0	16.5	24.7
176	22.2	18.3	27.5



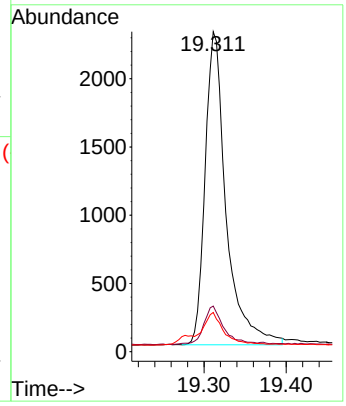


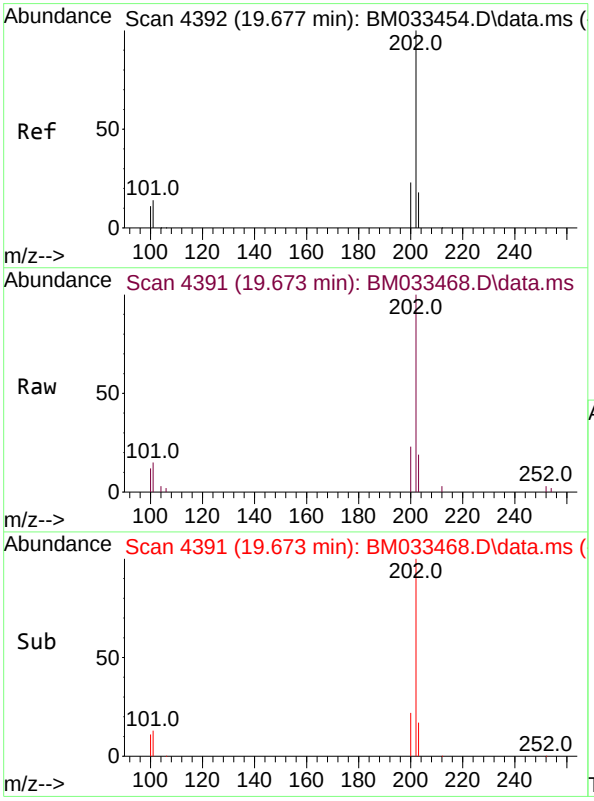
#19
Fluoranthene
Concen: 0.436 ng/ul
RT: 19.311 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Instrument :
BNA_M
ClientSampleId :
SLCS277

Tgt Ion:202 Resp: 4081

Ion	Ratio	Lower	Upper
202	100		
101	14.3	9.2	13.8#
100	12.3	7.2	10.8#

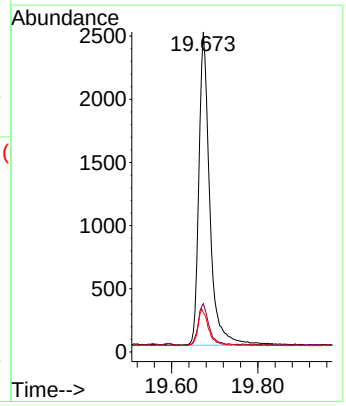


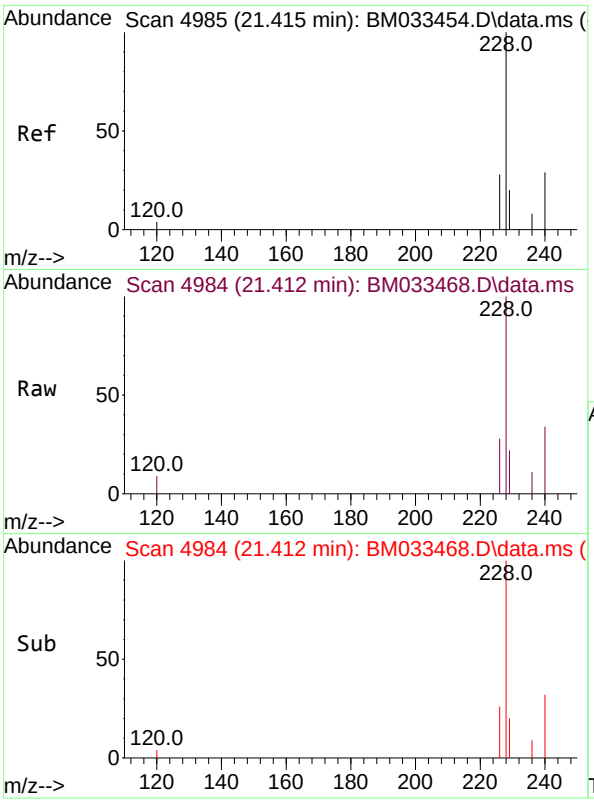


#20
Pyrene
Concen: 0.423 ng/ul
RT: 19.673 min Scan# 4391
Delta R.T. -0.011 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Tgt Ion:202 Resp: 4369

Ion	Ratio	Lower	Upper
202	100		
101	15.1	9.3	13.9#
100	12.3	7.8	11.6#



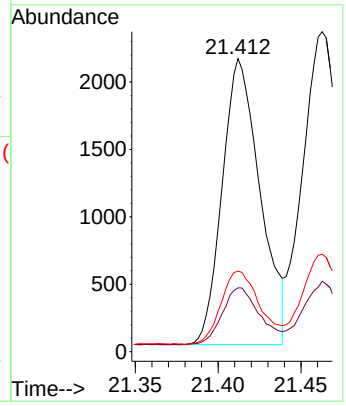


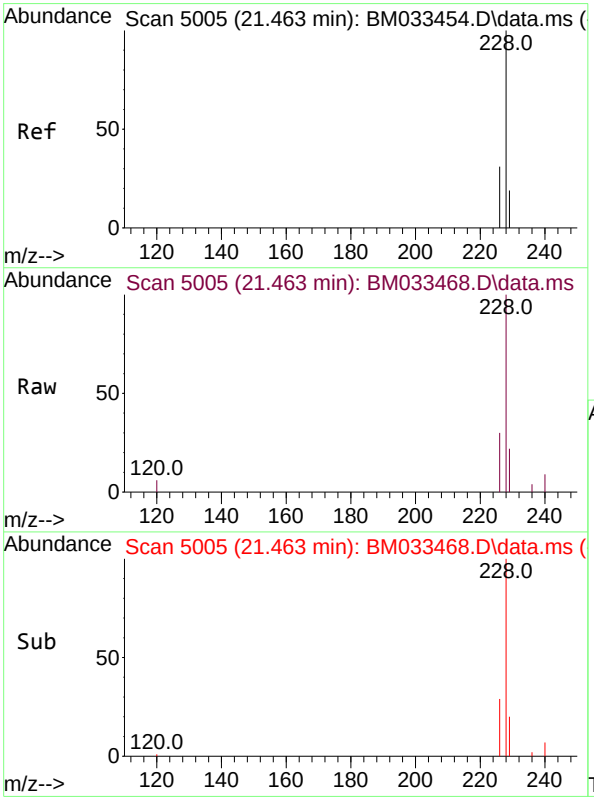
#21
Benzo(a)anthracene
Concen: 0.426 ng/ul
RT: 21.412 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Instrument :
BNA_M
ClientSampleId :
SLCS277

Tgt Ion:228 Resp: 3376

Ion	Ratio	Lower	Upper
228	100		
229	21.8	17.3	25.9
226	27.5	23.2	34.8

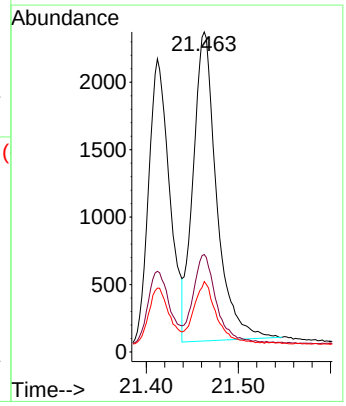


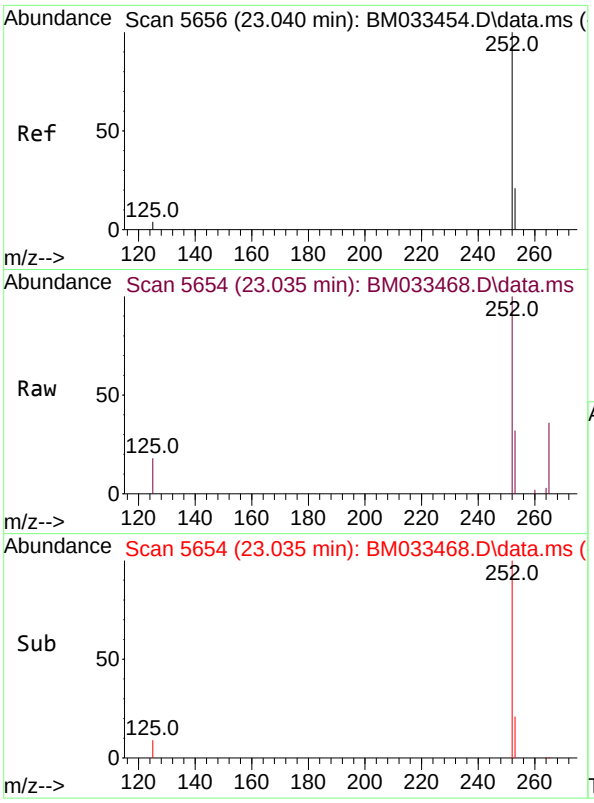


#22
Chrysene
Concen: 0.412 ng/ul
RT: 21.463 min Scan# 5005
Delta R.T. -0.009 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Tgt Ion:228 Resp: 4071

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.8	38.8
229	22.0	16.7	25.1



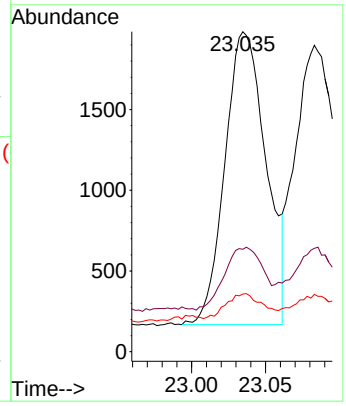


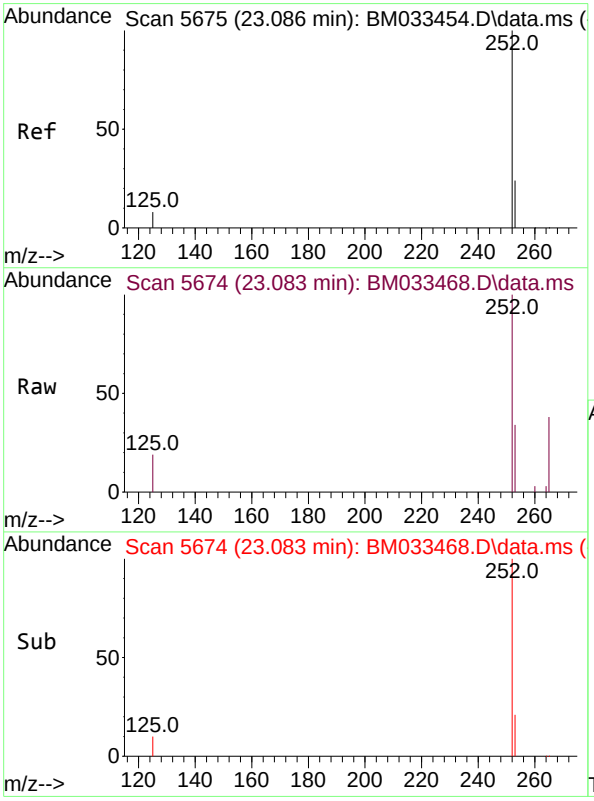
#24
Benzo(b)fluoranthene
Concen: 0.449 ng/ul
RT: 23.035 min Scan# 5
Delta R.T. -0.012 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Instrument :
BNA_M
ClientSampleId :
SLCS277

Tgt Ion:252 Resp: 3512

Ion	Ratio	Lower	Upper
252	100		
253	32.0	0.0	64.2
125	18.0	0.0	28.8

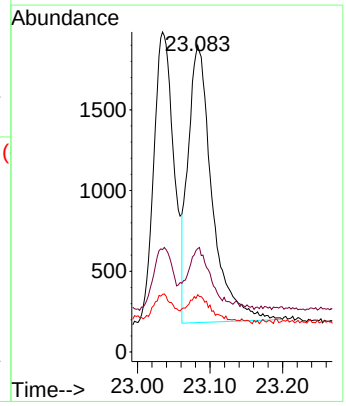


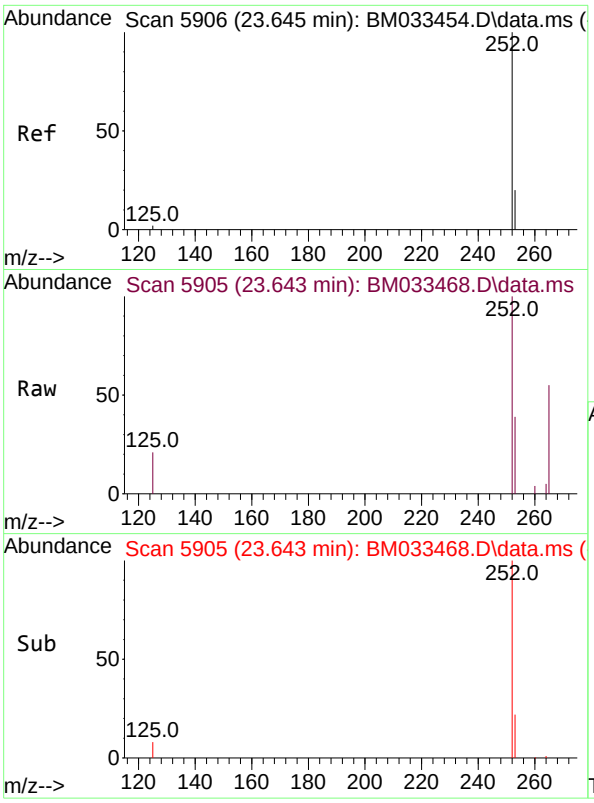


#25
Benzo(k)fluoranthene
Concen: 0.437 ng/ul
RT: 23.083 min Scan# 5674
Delta R.T. -0.012 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Tgt Ion:252 Resp: 3930

Ion	Ratio	Lower	Upper
252	100		
253	33.8	26.8	40.2
125	18.7	12.0	18.0#



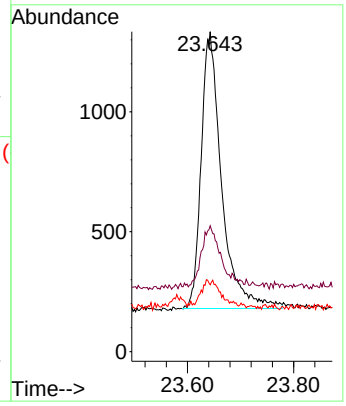


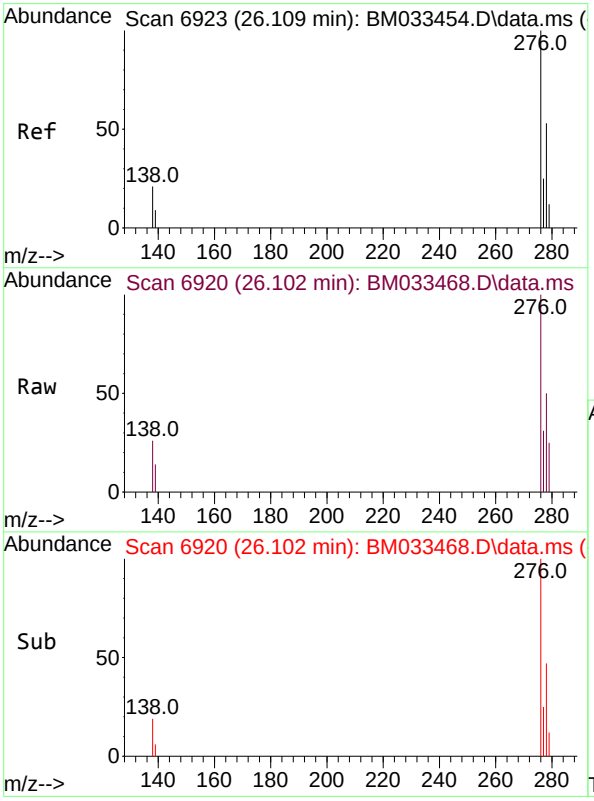
#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.643 min Scan# 5
Delta R.T. -0.012 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Instrument :
BNA_M
ClientSampleId :
SLCS277

Tgt Ion:252 Resp: 3084

Ion	Ratio	Lower	Upper
252	100		
253	39.4	32.0	48.0
125	20.9	14.5	21.7

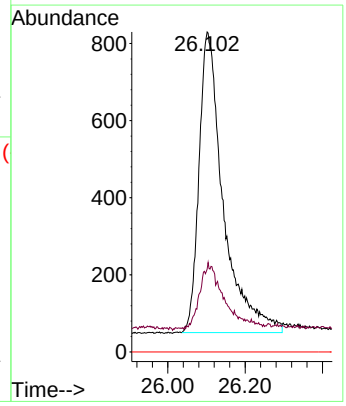


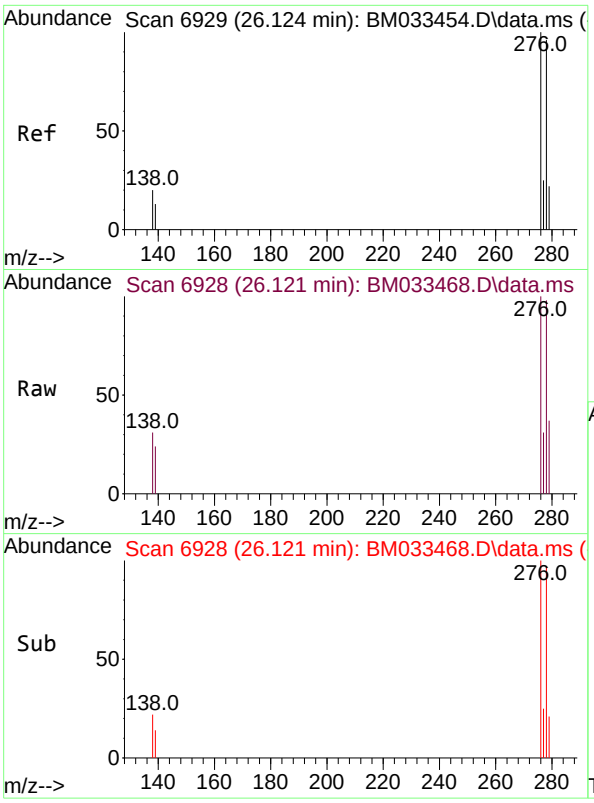


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng/ul
RT: 26.102 min Scan# 6920
Delta R.T. -0.019 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Tgt Ion:276 Resp: 3406

Ion	Ratio	Lower	Upper
276	100		
138	22.8	15.8	23.6
227	0.0	0.0	0.0



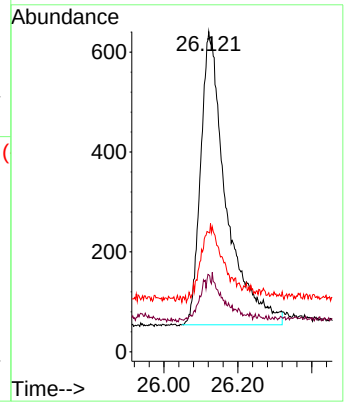


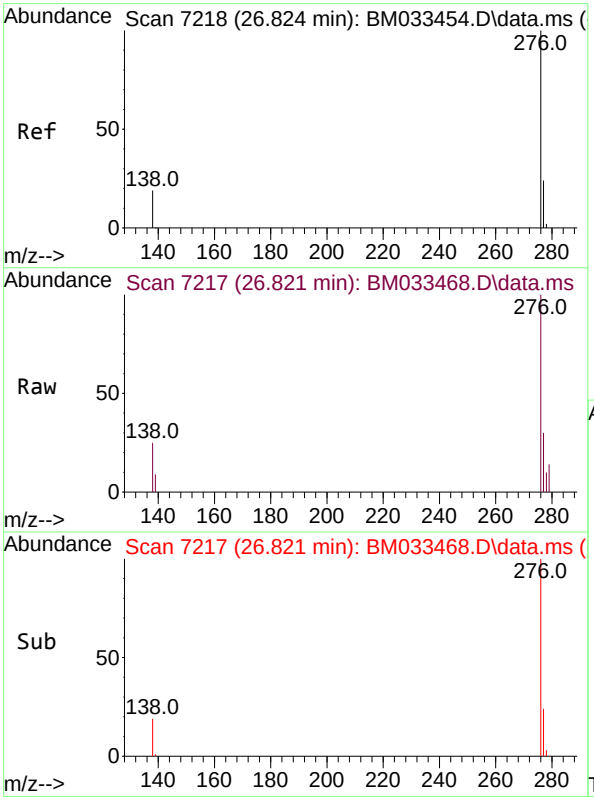
#28
Dibenzo(a,h)anthracene
Concen: 0.404 ng/ul
RT: 26.121 min Scan# 6
Delta R.T. -0.026 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Instrument :
BNA_M
ClientSampleId :
SLCS277

Tgt Ion:278 Resp: 2817

Ion	Ratio	Lower	Upper
278	100		
139	24.0	18.0	27.0
279	37.3	28.6	42.8





#29
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 26.821 min Scan# 7217
Delta R.T. -0.019 min
Lab File: BM033468.D
Acq: 15 Dec 2021 08:33

Tgt Ion:276 Resp: 3046

Ion	Ratio	Lower	Upper
276	100		
138	25.4	17.4	26.0
277	29.6	22.6	33.8