Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
Data File : BM033461.D
Acq On : 15 Dec 2021 04:23
Operator : CG/JU
Sample : M4985-15MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5R8MSD

Quant Time: Dec 15 05:08:22 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	7.894	152	681	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.684	136	1845	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.515	164	1390	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.257	188	3329	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.422	240	3802	0.400	ng/ul	-0.01
23) Perylene-d12	23.735	264	3137	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	1886	3.418	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.272	152	1018	0.437	ng/ul	-0.03
18) Fluoranthene-d10	19.277	212	4741	0.573	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	753	1.044	ng/ul	94
5) Naphthalene	10.734	128	33265	4.927	ng/ul#	88
7) 2-Methylnaphthalene	12.344	142	4428	1.151	ng/ul	98
8) 1-Methylnaphthalene	12.560	142	4012	1.010	ng/ul	98
10) Acenaphthylene	14.238	152	2594	0.333	ng/ul	95
11) Acenaphthene	14.580	153	2068	0.339	ng/ul	97
12) Fluorene	15.565	166	2487	0.381	ng/ul	98
14) Pentachlorophenol	16.914	266	1163	0.973	ng/ul	96
15) Phenanthrene	17.299	178	4555	0.419	ng/ul	99
16) Anthracene	17.392	178	4199	0.438	ng/ul	99
19) Fluoranthene	19.308	202	5689	0.569	ng/ul#	94
20) Pyrene	19.670	202	6014	0.545	ng/ul#	90
21) Benzo(a)anthracene	21.405	228	4585	0.542	ng/ul	99
22) Chrysene	21.458	228	4908	0.465	ng/ul	98
24) Benzo(b)fluoranthene	23.032	252	4369	0.524	ng/ul#	84
25) Benzo(k)fluoranthene	23.078	252	4580	0.478	ng/ul#	84
26) Benzo(a)pyrene	23.636	252	3655	0.455	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.090	276	4063	0.453	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.112	278	3447	0.464	ng/ul	95
29) Benzo(g,h,i)perylene	26.817	276	3451	0.427	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
Data File : BM033461.D
Acq On : 15 Dec 2021 04:23
Operator : CG/JU
Sample : M4985-15MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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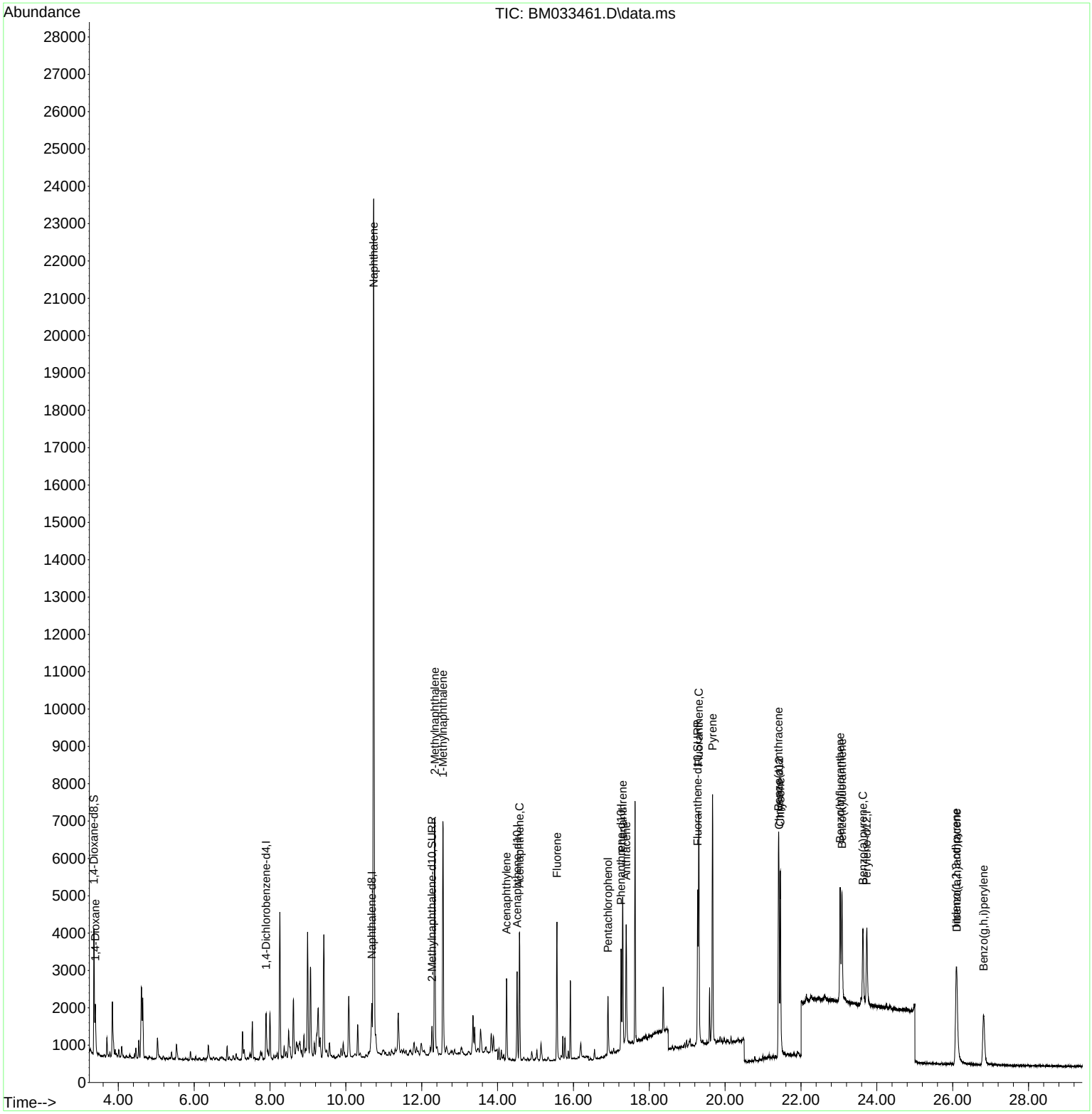
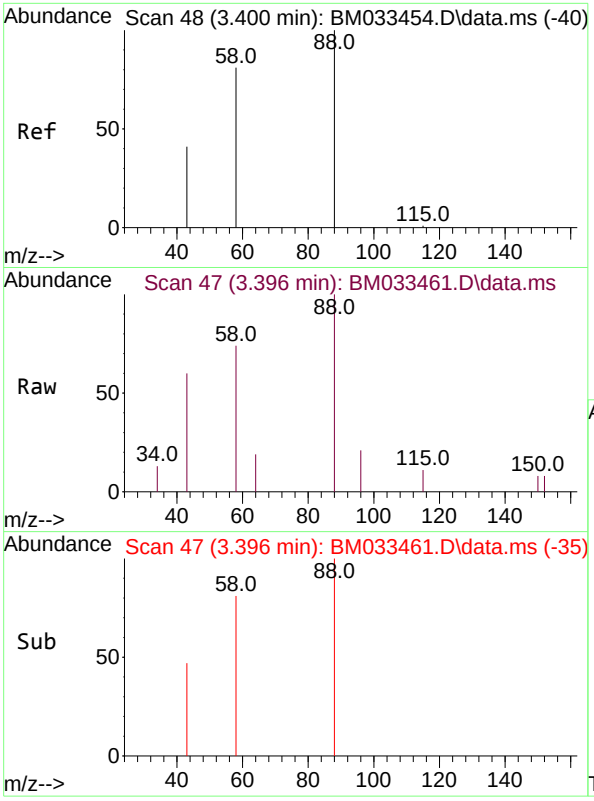
Quant Time: Dec 15 05:08:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 15 01:00:55 2021
Response via : Initial Calibration



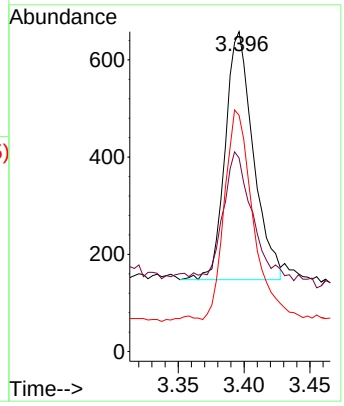


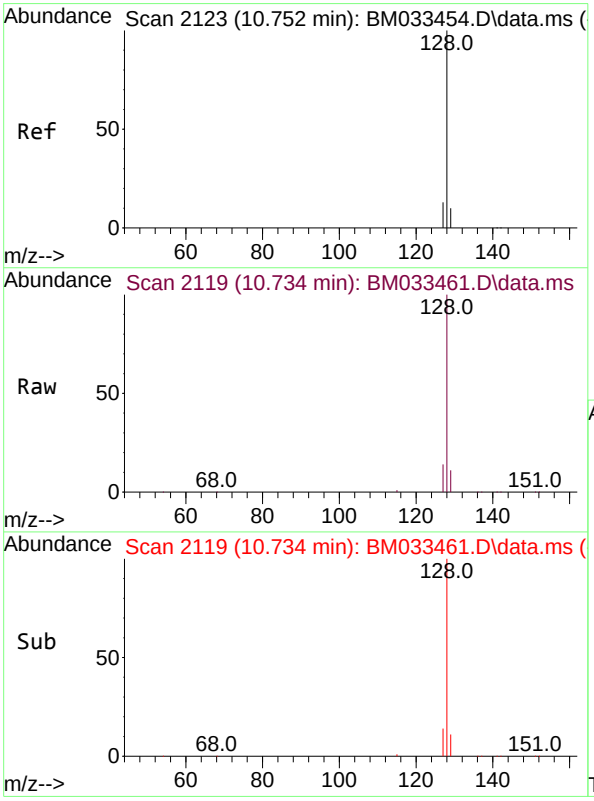
#2
1,4-Dioxane
Concen: 1.044 ng/ul
RT: 3.396 min Scan# 4
Delta R.T. -0.007 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Instrument :
BNA_M
ClientSampleId :
EW5R8MSD

Tgt Ion: 88 Resp: 753

Ion	Ratio	Lower	Upper
88	100		
43	60.5	49.7	74.5
58	73.9	52.5	78.7

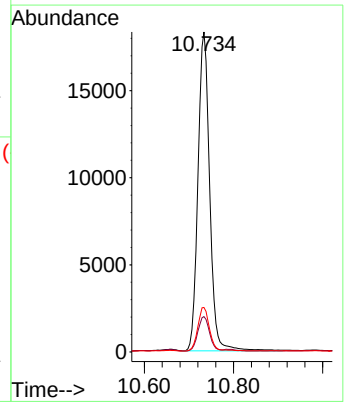


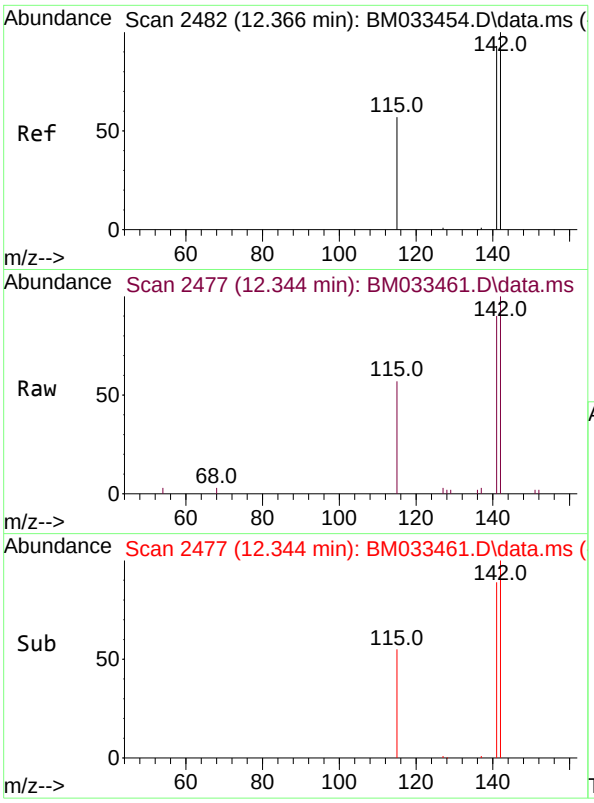


#5
Naphthalene
Concen: 4.927 ng/ul
RT: 10.734 min Scan# 2119
Delta R.T. -0.022 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Tgt Ion:128 Resp: 33265

Ion	Ratio	Lower	Upper
128	100		
129	11.0	13.4	20.2#
127	13.9	15.2	22.8#



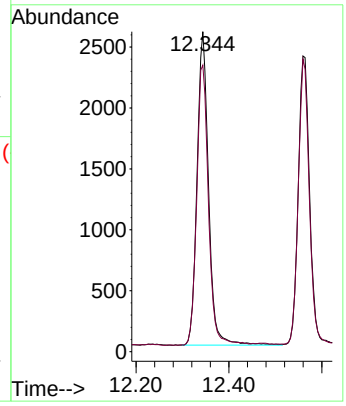


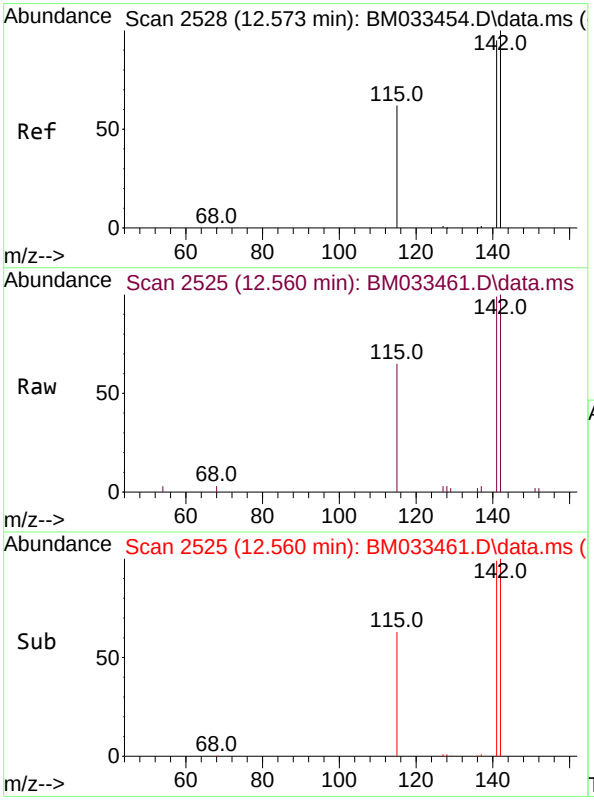
#7
2-Methylnaphthalene
Concen: 1.151 ng/ul
RT: 12.344 min Scan# 24
Delta R.T. -0.027 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Instrument :
BNA_M
ClientSampleId :
EW5R8MSD

Tgt Ion:142 Resp: 4428

Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.8	107.6

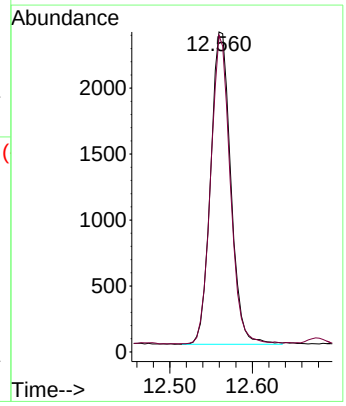


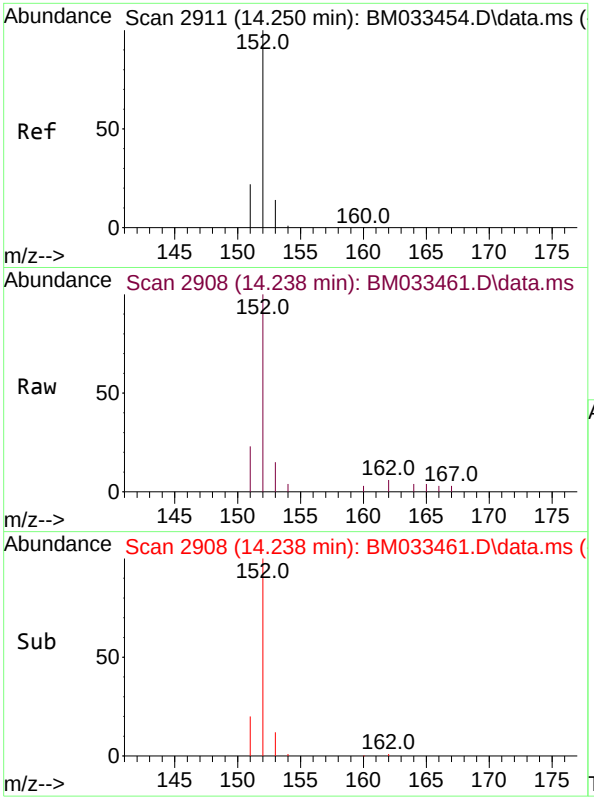


#8
1-Methylnaphthalene
Concen: 1.010 ng/ul
RT: 12.560 min Scan# 2525
Delta R.T. -0.022 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Tgt Ion:142 Resp: 4012

Ion	Ratio	Lower	Upper
142	100		
141	95.4	75.0	112.4



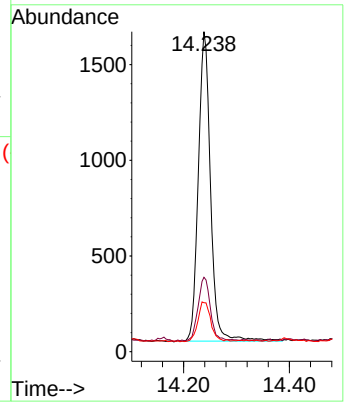


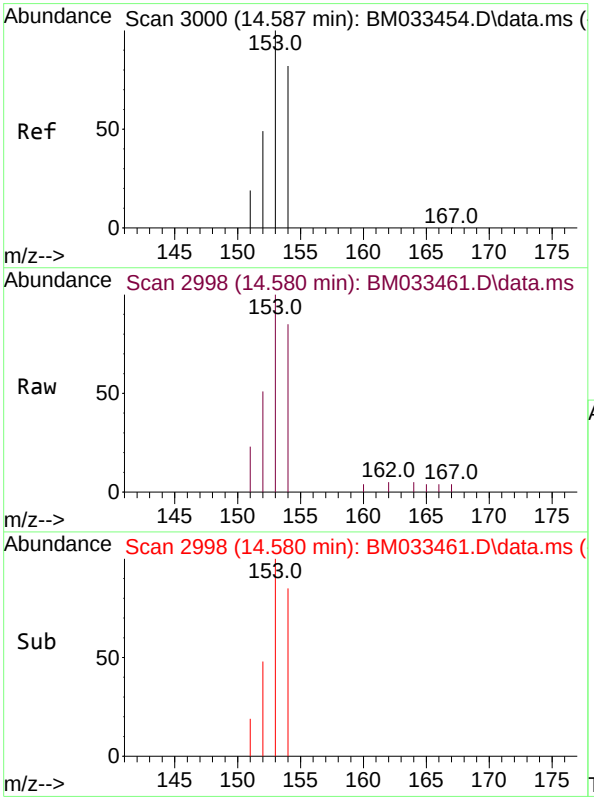
#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 14.238 min Scan# 2
Delta R.T. -0.019 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Instrument :
BNA_M
ClientSampleId :
EW5R8MSD

Tgt Ion:152 Resp: 2594

Ion	Ratio	Lower	Upper
152	100		
151	23.3	19.9	29.9
153	15.3	15.0	22.4

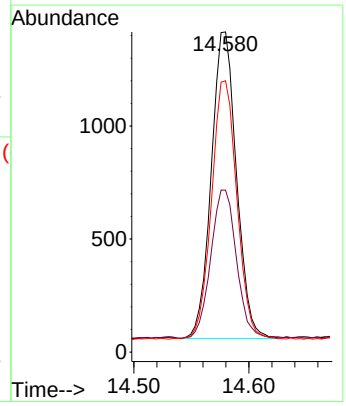


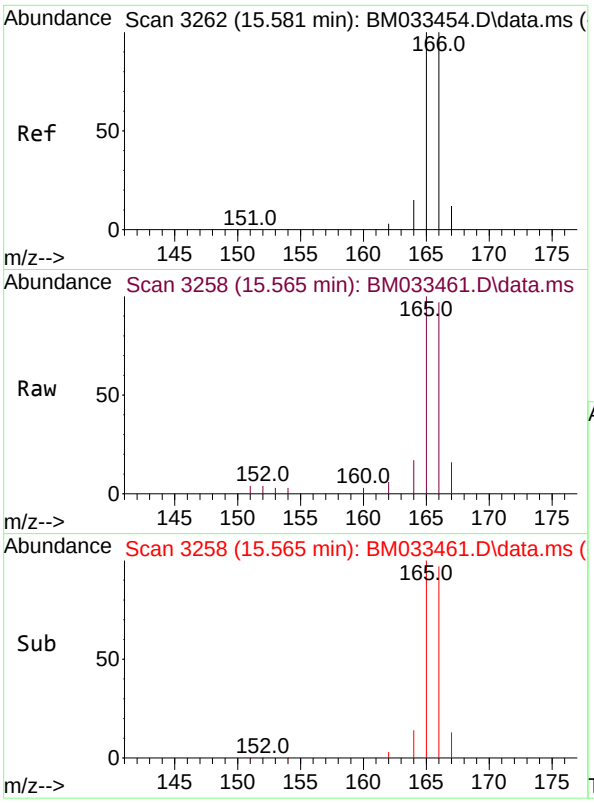


#11
Acenaphthene
Concen: 0.339 ng/ul
RT: 14.580 min Scan# 2998
Delta R.T. -0.011 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Tgt Ion:153 Resp: 2068

Ion	Ratio	Lower	Upper
153	100		
152	50.6	42.4	63.6
154	84.7	66.2	99.2



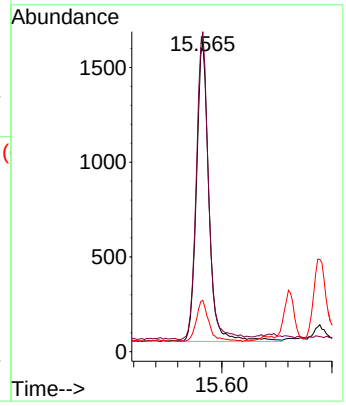


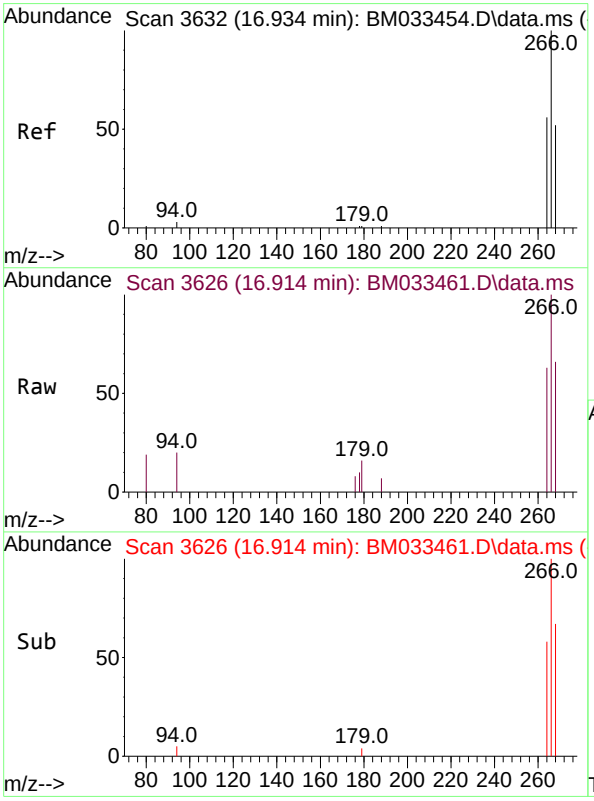
#12
Fluorene
Concen: 0.381 ng/ul
RT: 15.565 min Scan# 3
Delta R.T. -0.026 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Instrument :
BNA_M
ClientSampleId :
EW5R8MSD

Tgt Ion:166 Resp: 2487

Ion	Ratio	Lower	Upper
166	100		
165	103.4	81.1	121.7
167	16.6	14.9	22.3

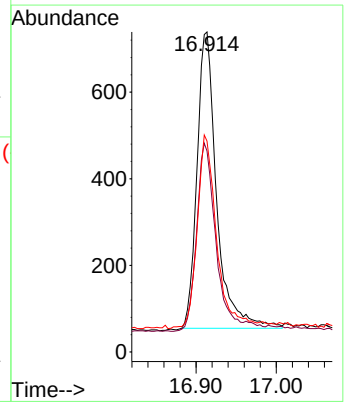


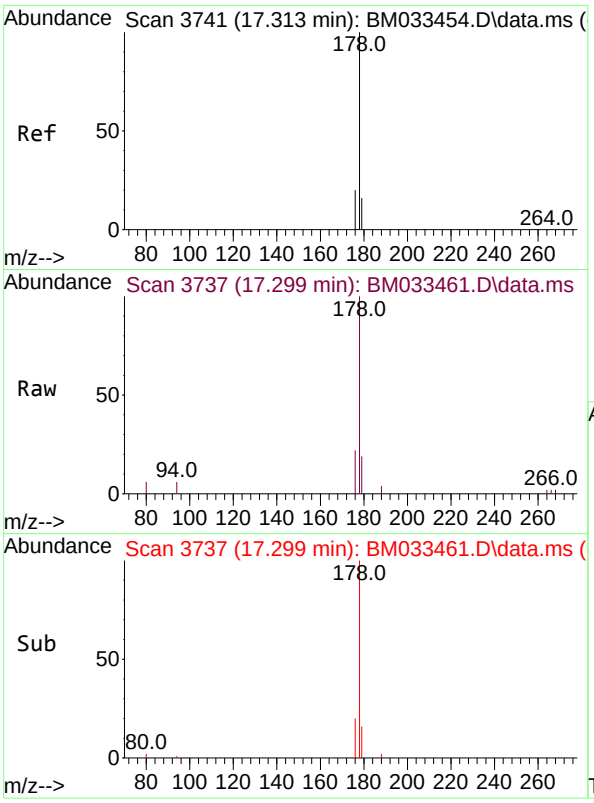


#14
Pentachlorophenol
Concen: 0.973 ng/ul
RT: 16.914 min Scan# 3626
Delta R.T. -0.035 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Tgt Ion:266 Resp: 1163

Ion	Ratio	Lower	Upper
266	100		
264	61.0	51.4	77.0
268	62.9	53.1	79.7



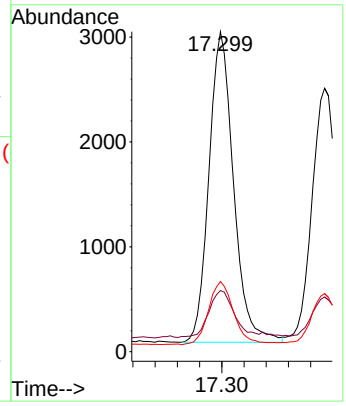


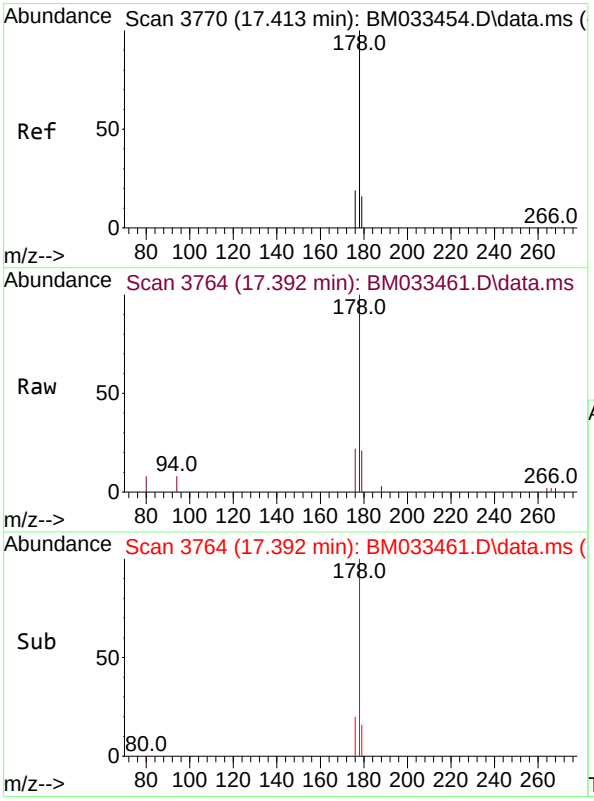
#15
Phenanthrene
Concen: 0.419 ng/ul
RT: 17.299 min Scan# 3
Delta R.T. -0.021 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Instrument :
BNA_M
ClientSampleId :
EW5R8MSD

Tgt Ion:178 Resp: 4555

Ion	Ratio	Lower	Upper
178	100		
179	19.1	15.0	22.6
176	22.0	17.9	26.9

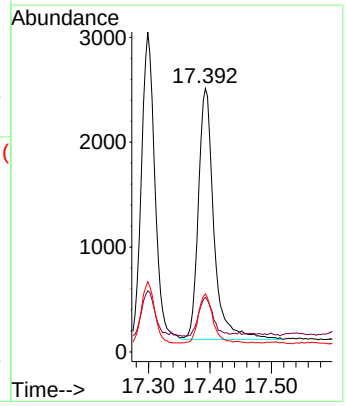


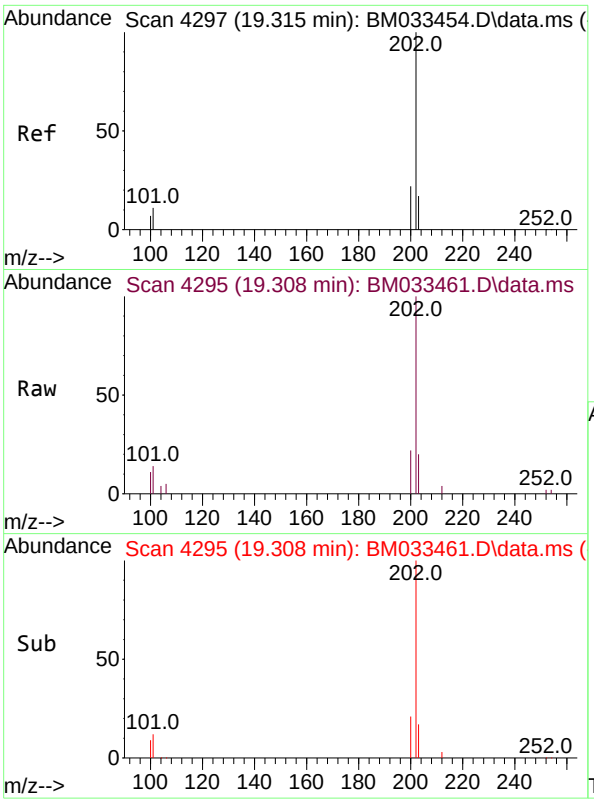


#16
Anthracene
Concen: 0.438 ng/ul
RT: 17.392 min Scan# 3764
Delta R.T. -0.031 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Tgt Ion:178 Resp: 4199

Ion	Ratio	Lower	Upper
178	100		
179	20.7	16.5	24.7
176	22.0	18.3	27.5



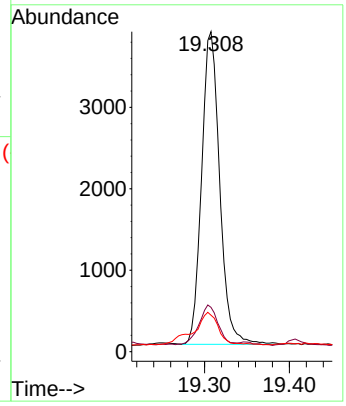


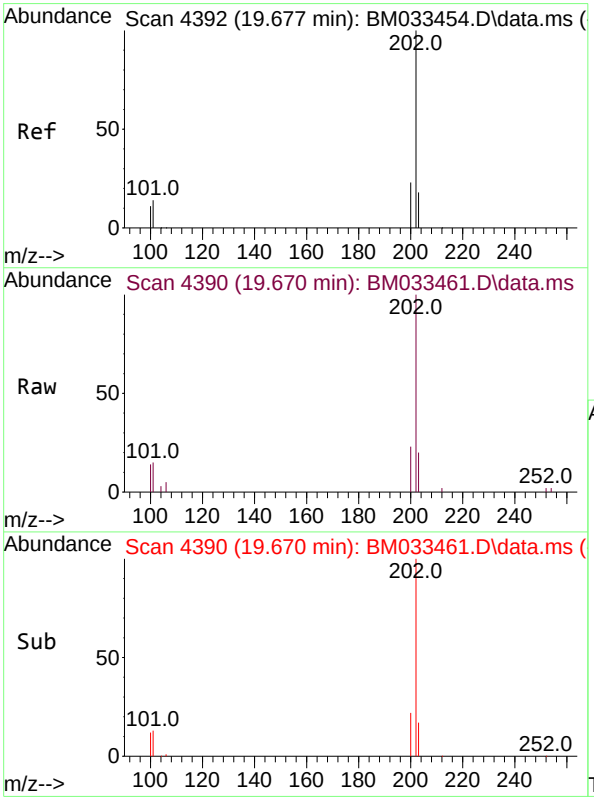
#19
Fluoranthene
Concen: 0.569 ng/ul
RT: 19.308 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Instrument :
BNA_M
ClientSampleId :
EW5R8MSD

Tgt Ion:202 Resp: 5689

Ion	Ratio	Lower	Upper
202	100		
101	13.8	9.2	13.8#
100	11.4	7.2	10.8#

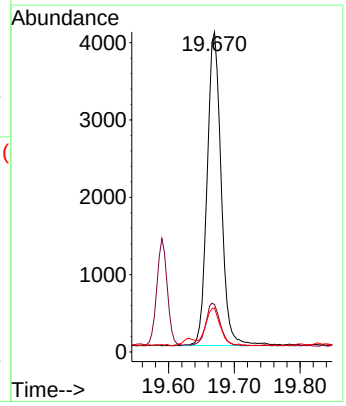


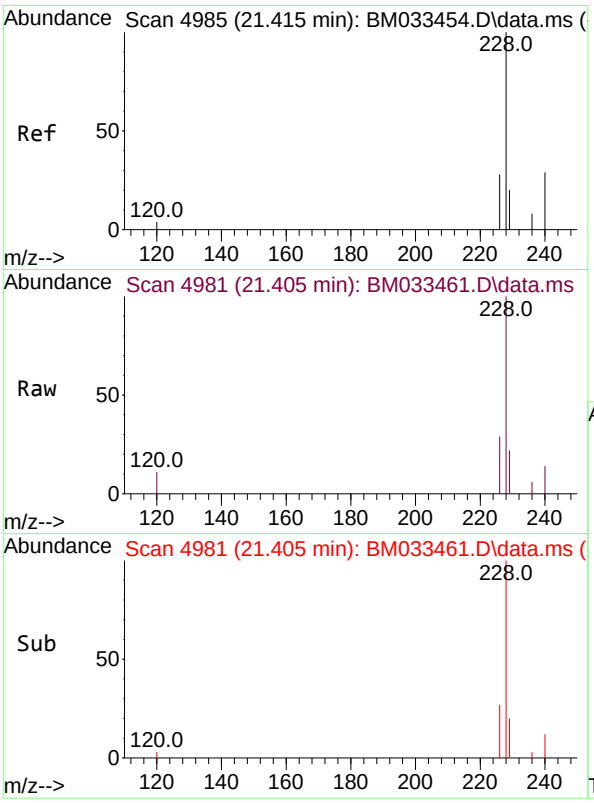


#20
Pyrene
Concen: 0.545 ng/ul
RT: 19.670 min Scan# 4390
Delta R.T. -0.015 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Tgt Ion:202 Resp: 6014

Ion	Ratio	Lower	Upper
202	100		
101	14.8	9.3	13.9#
100	13.7	7.8	11.6#



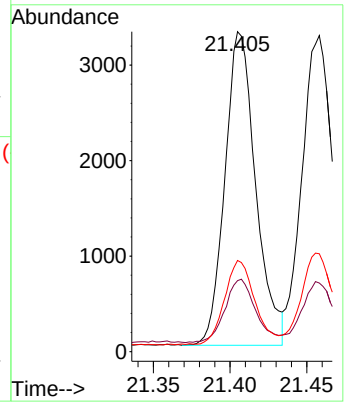


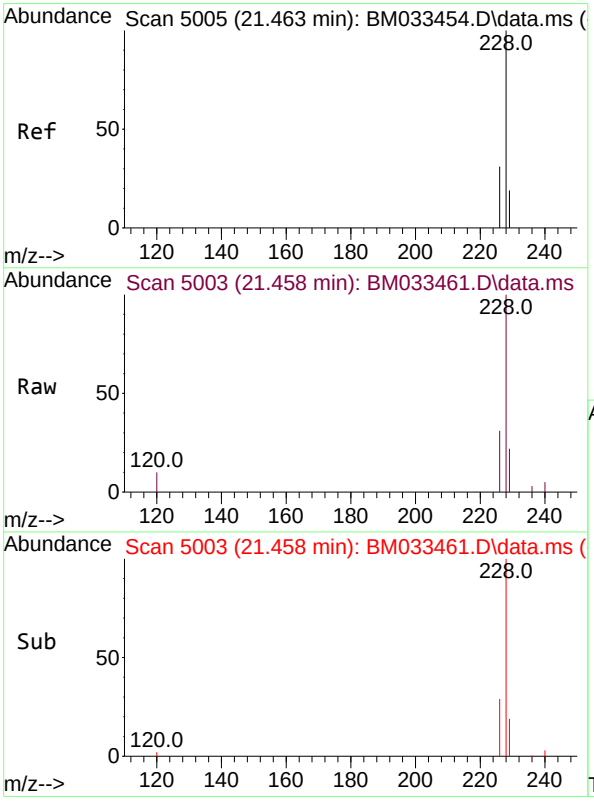
#21
Benzo(a)anthracene
Concen: 0.542 ng/ul
RT: 21.405 min Scan# 4
Delta R.T. -0.016 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Instrument :
BNA_M
ClientSampleId :
EW5R8MSD

Tgt Ion:228 Resp: 4585

Ion	Ratio	Lower	Upper
228	100		
229	22.2	17.3	25.9
226	28.5	23.2	34.8

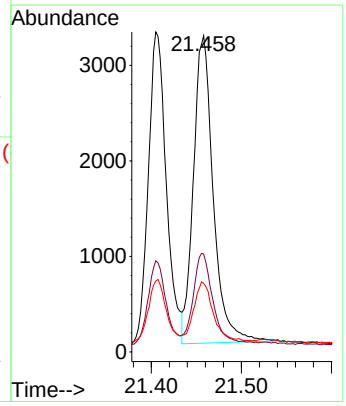


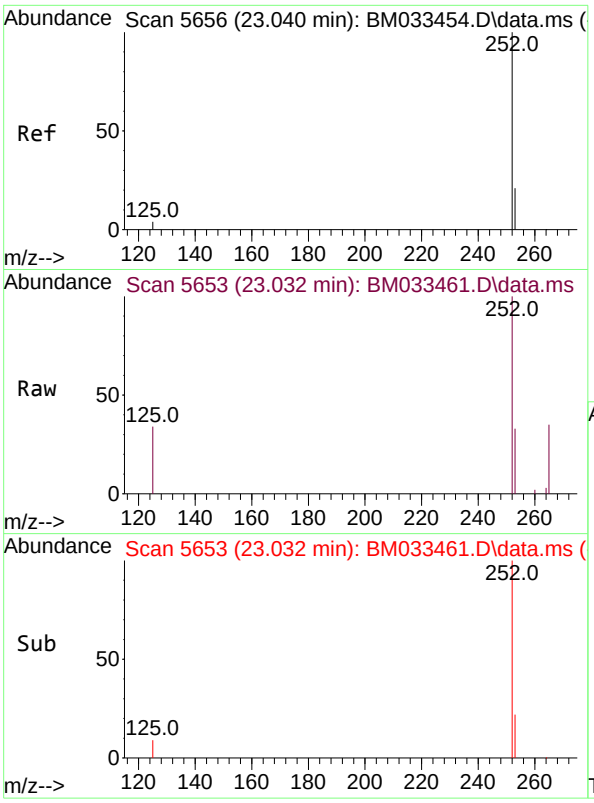


#22
Chrysene
Concen: 0.465 ng/ul
RT: 21.458 min Scan# 5003
Delta R.T. -0.014 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Tgt Ion:228 Resp: 4908

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.8	38.8
229	21.7	16.7	25.1



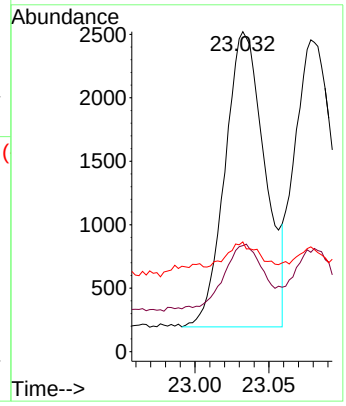


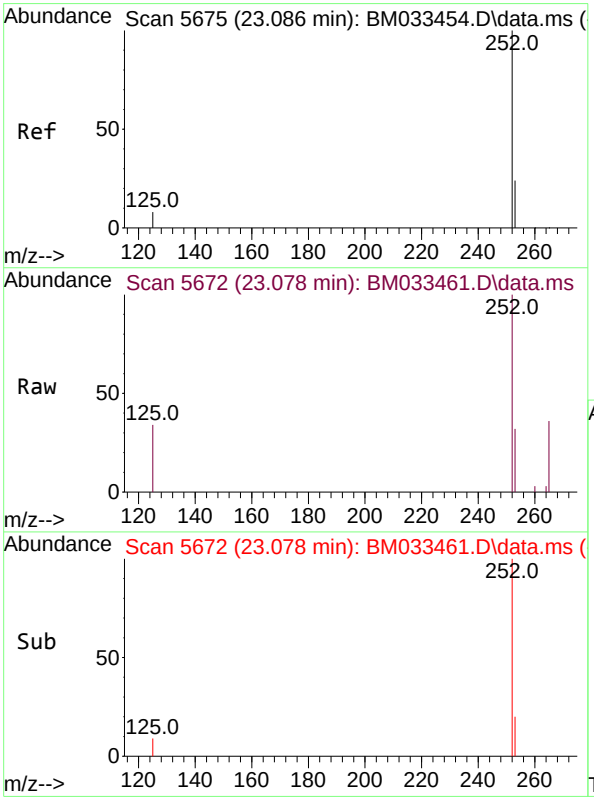
#24
Benzo(b)fluoranthene
Concen: 0.524 ng/ul
RT: 23.032 min Scan# 5
Delta R.T. -0.014 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Instrument :
BNA_M
ClientSampleId :
EW5R8MSD

Tgt Ion:252 Resp: 4369

Ion	Ratio	Lower	Upper
252	100		
253	33.1	0.0	64.2
125	34.3	0.0	28.8#

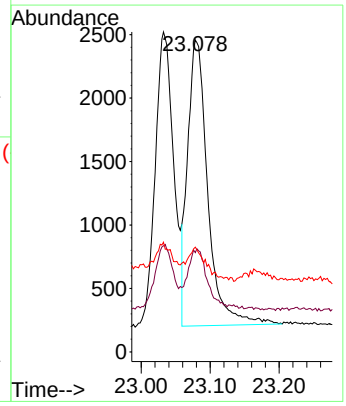


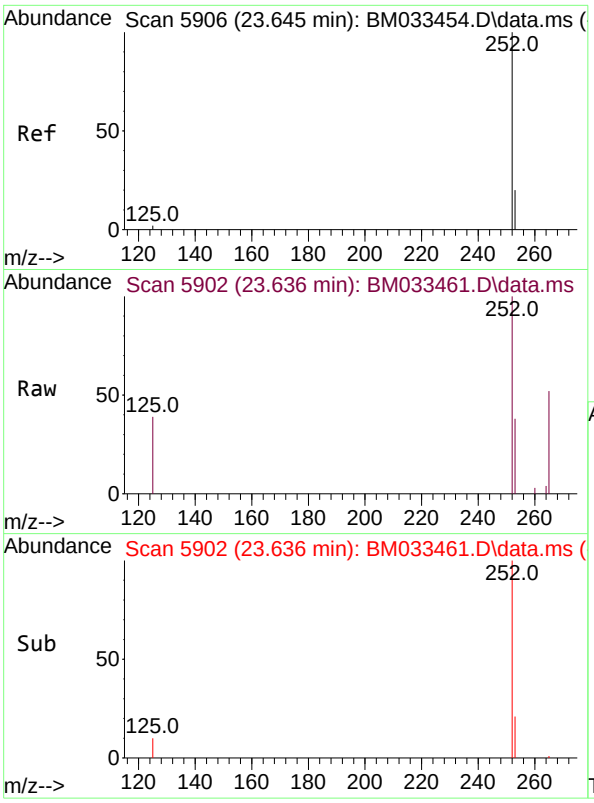


#25
Benzo(k)fluoranthene
Concen: 0.478 ng/ul
RT: 23.078 min Scan# 5672
Delta R.T. -0.016 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Tgt Ion:252 Resp: 4580

Ion	Ratio	Lower	Upper
252	100		
253	31.9	26.8	40.2
125	33.6	12.0	18.0#



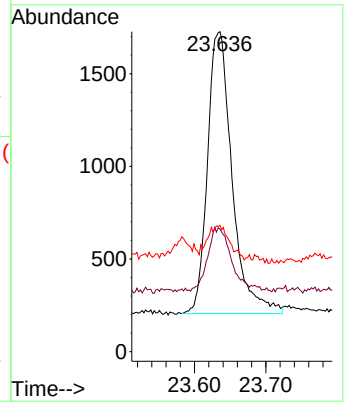


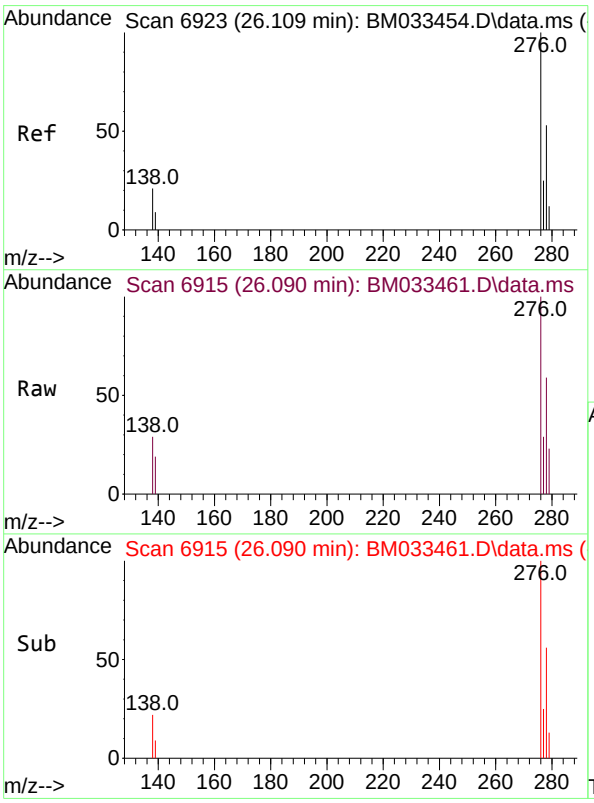
#26
Benzo(a)pyrene
Concen: 0.455 ng/ul
RT: 23.636 min Scan# 5
Delta R.T. -0.019 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Instrument :
BNA_M
ClientSampleId :
EW5R8MSD

Tgt Ion:252 Resp: 3655

Ion	Ratio	Lower	Upper
252	100		
253	38.3	32.0	48.0
125	39.4	14.5	21.7#

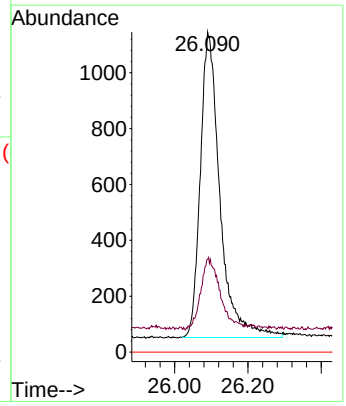


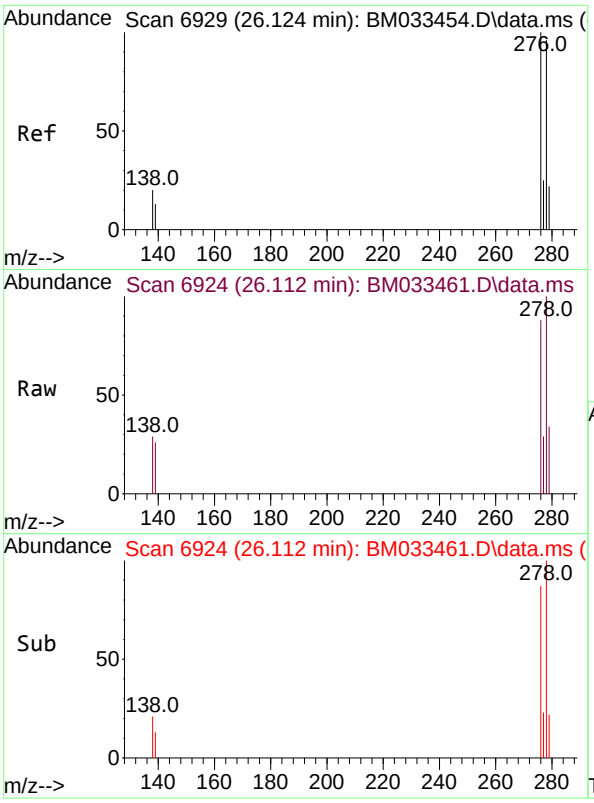


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.453 ng/ul
RT: 26.090 min Scan# 6915
Delta R.T. -0.031 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Tgt Ion:276 Resp: 4063

Ion	Ratio	Lower	Upper
276	100		
138	23.8	15.8	23.6#
227	0.0	0.0	0.0



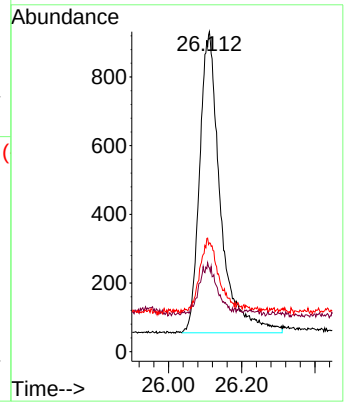


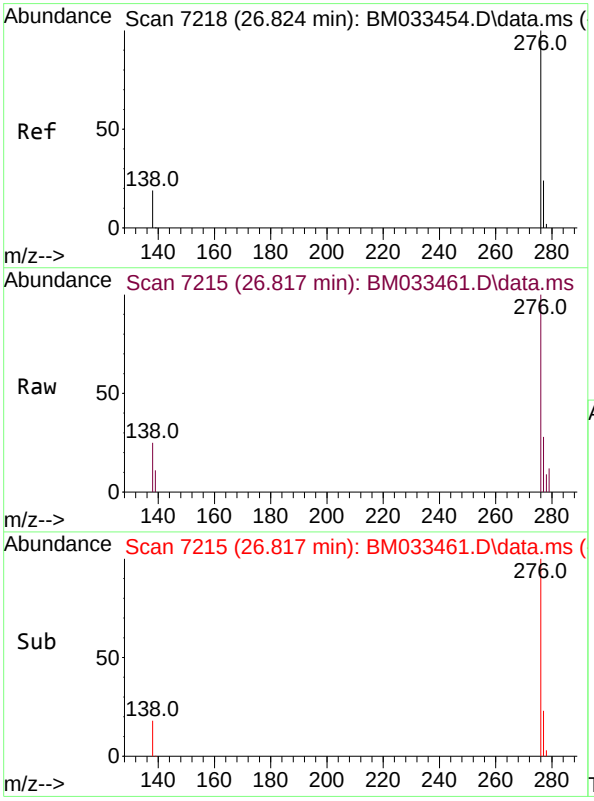
#28
Dibenzo(a,h)anthracene
Concen: 0.464 ng/ul
RT: 26.112 min Scan# 6
Delta R.T. -0.036 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Instrument :
BNA_M
ClientSampleId :
EW5R8MSD

Tgt Ion:278 Resp: 3447

Ion	Ratio	Lower	Upper
278	100		
139	26.2	18.0	27.0
279	34.0	28.6	42.8





#29
Benzo(g,h,i)perylene
Concen: 0.427 ng/ul
RT: 26.817 min Scan# 7215
Delta R.T. -0.024 min
Lab File: BM033461.D
Acq: 15 Dec 2021 04:23

Tgt Ion:276 Resp: 3451

Ion	Ratio	Lower	Upper
276	100		
138	25.4	17.4	26.0
277	28.3	22.6	33.8