Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
Data File : BM033460.D
Acq On : 15 Dec 2021 03:47
Operator : CG/JU
Sample : M4985-14MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW5R8MS

Quant Time: Dec 15 05:07:34 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	731	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.684	136	1983	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.519	164	1520	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.257	188	3548	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.421	240	3771	0.400	ng/ul	#-0.01
23) Perylene-d12	23.734	264	3204	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	1741	2.939	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.272	152	1066	0.426	ng/ul	-0.03
18) Fluoranthene-d10	19.277	212	4564	0.556	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	768	0.992	ng/ul	88
5) Naphthalene	10.733	128	33674	4.641	ng/ul#	88
7) 2-Methylnaphthalene	12.344	142	4502	1.089	ng/ul	98
8) 1-Methylnaphthalene	12.559	142	4076	0.954	ng/ul	99
10) Acenaphthylene	14.238	152	2621	0.308	ng/ul	96
11) Acenaphthene	14.580	153	2110	0.316	ng/ul	96
12) Fluorene	15.565	166	2449	0.343	ng/ul	98
14) Pentachlorophenol	16.913	266	1127	0.885	ng/ul	99
15) Phenanthrene	17.299	178	4567	0.394	ng/ul	99
16) Anthracene	17.392	178	4015	0.393	ng/ul	99
19) Fluoranthene	19.307	202	5559	0.560	ng/ul#	93
20) Pyrene	19.669	202	5746	0.525	ng/ul#	89
21) Benzo(a)anthracene	21.407	228	4171	0.497	ng/ul	98
22) Chrysene	21.458	228	4642	0.443	ng/ul	98
24) Benzo(b)fluoranthene	23.032	252	4015	0.471	ng/ul#	85
25) Benzo(k)fluoranthene	23.080	252	4335	0.443	ng/ul#	85
26) Benzo(a)pyrene	23.635	252	3417	0.416	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.092	276	4031	0.440	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.109	278	3402	0.448	ng/ul	98
29) Benzo(g,h,i)perylene	26.811	276	3449	0.418	ng/ul#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
Data File : BM033460.D
Acq On : 15 Dec 2021 03:47
Operator : CG/JU
Sample : M4985-14MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Time: Dec 15 05:07:34 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 15 01:00:55 2021
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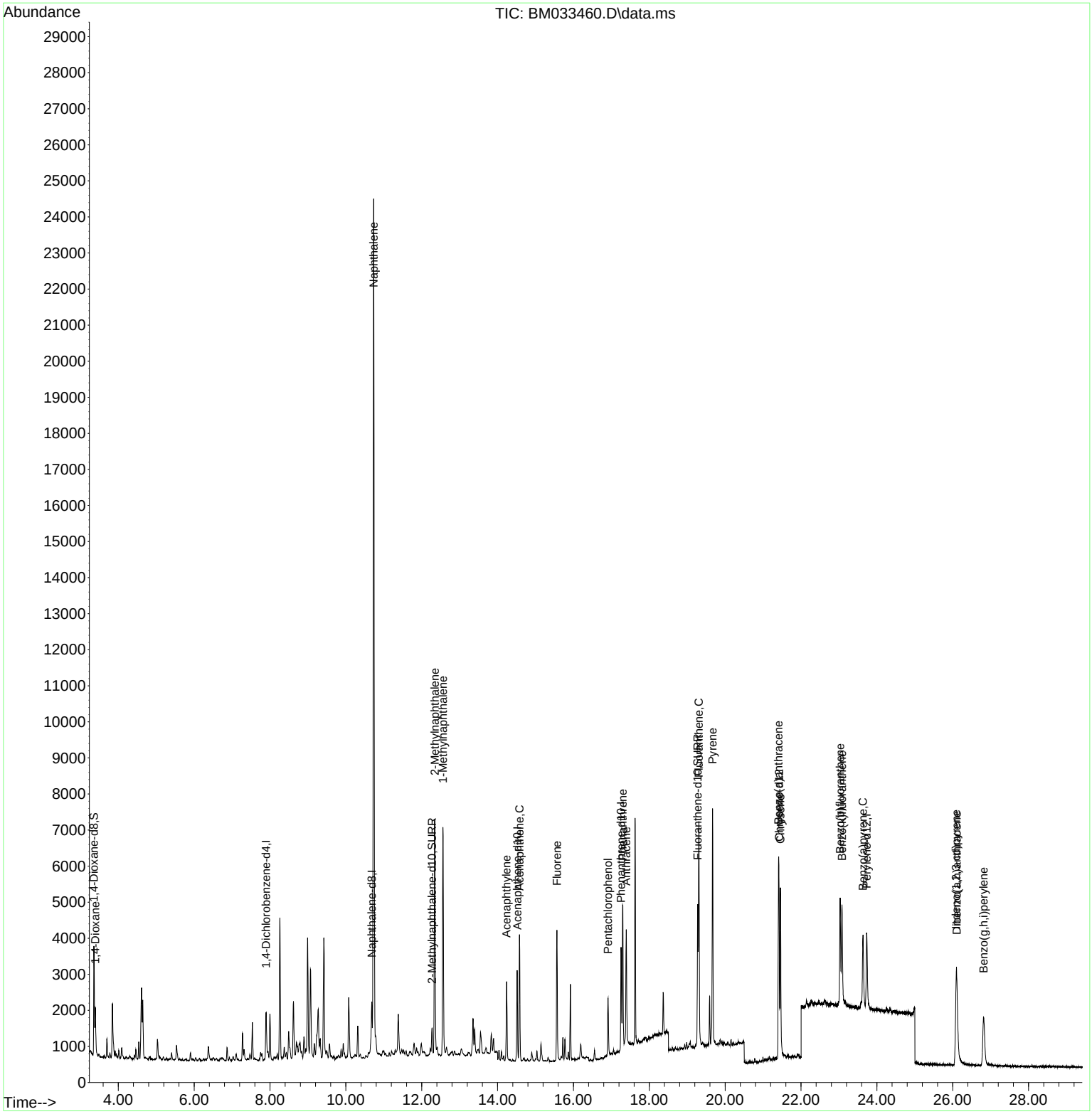
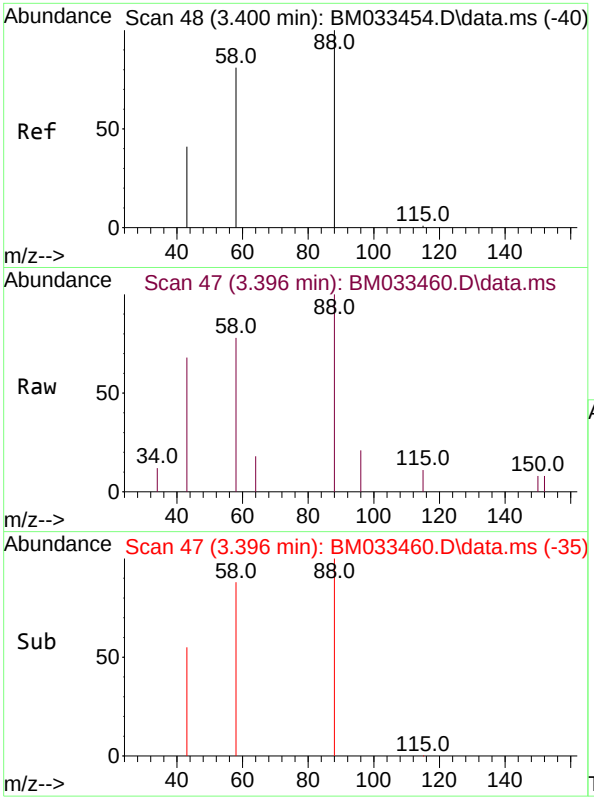


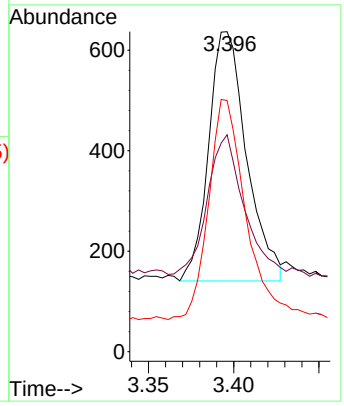


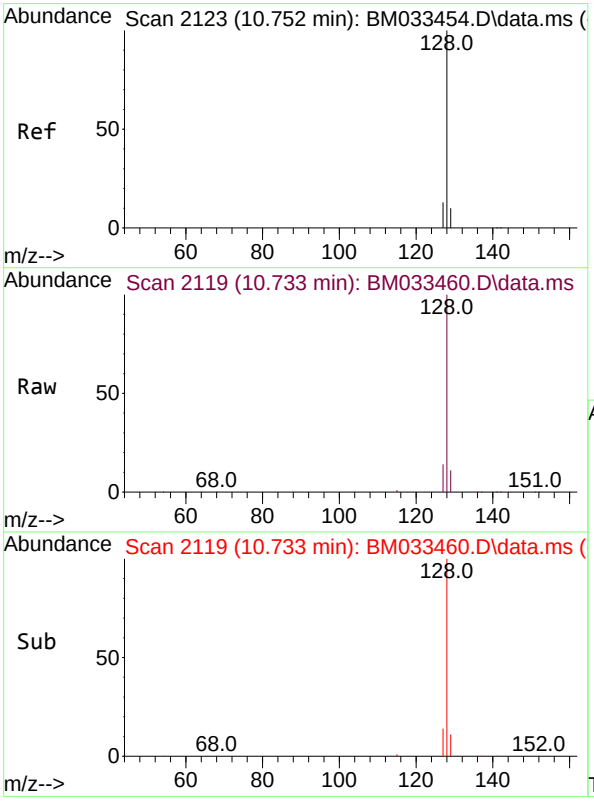
#2
1,4-Dioxane
Concen: 0.992 ng/ul
RT: 3.396 min Scan# 4
Delta R.T. -0.007 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Instrument :
BNA_M
ClientSampleId :
EW5R8MS

Tgt Ion: 88 Resp: 768

Ion	Ratio	Lower	Upper
88	100		
43	67.8	49.7	74.5
58	78.5	52.5	78.7

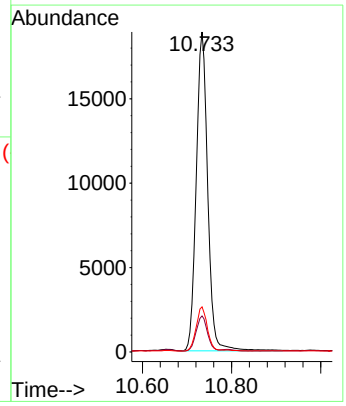


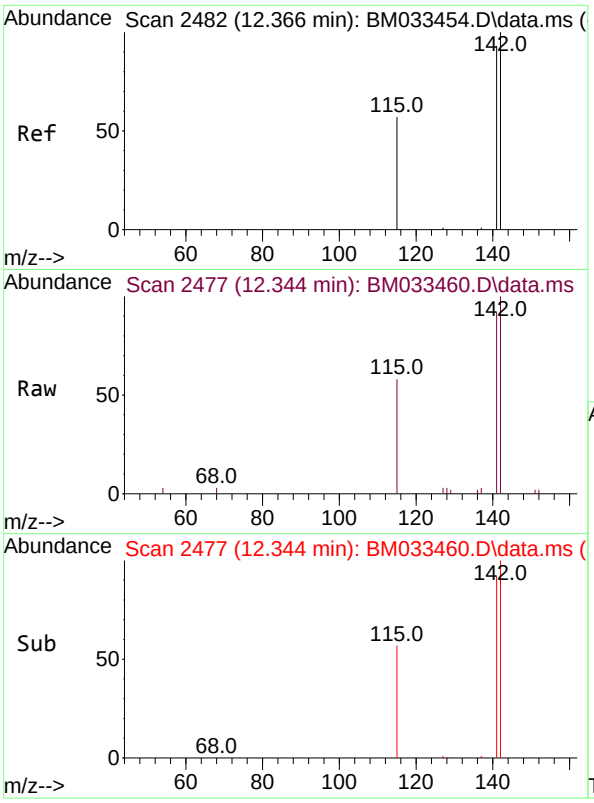


#5
Naphthalene
Concen: 4.641 ng/ul
RT: 10.733 min Scan# 2119
Delta R.T. -0.022 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Tgt Ion:128 Resp: 33674

Ion	Ratio	Lower	Upper
128	100		
129	11.3	13.4	20.2#
127	14.1	15.2	22.8#



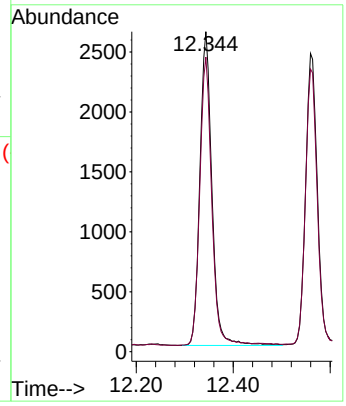


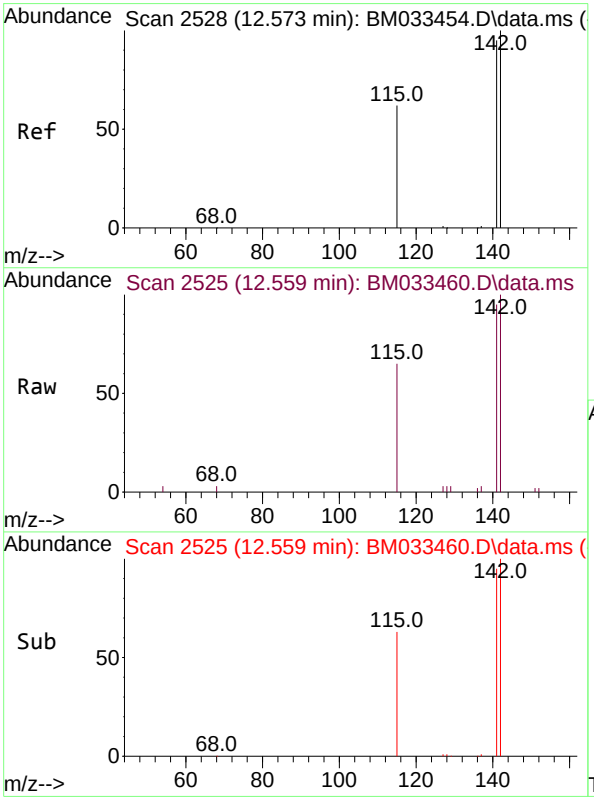
#7
2-Methylnaphthalene
Concen: 1.089 ng/ul
RT: 12.344 min Scan# 24
Delta R.T. -0.027 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Instrument :
BNA_M
ClientSampleId :
EW5R8MS

Tgt Ion:142 Resp: 4502

Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.8	107.6

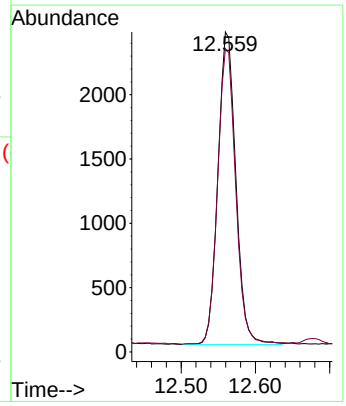


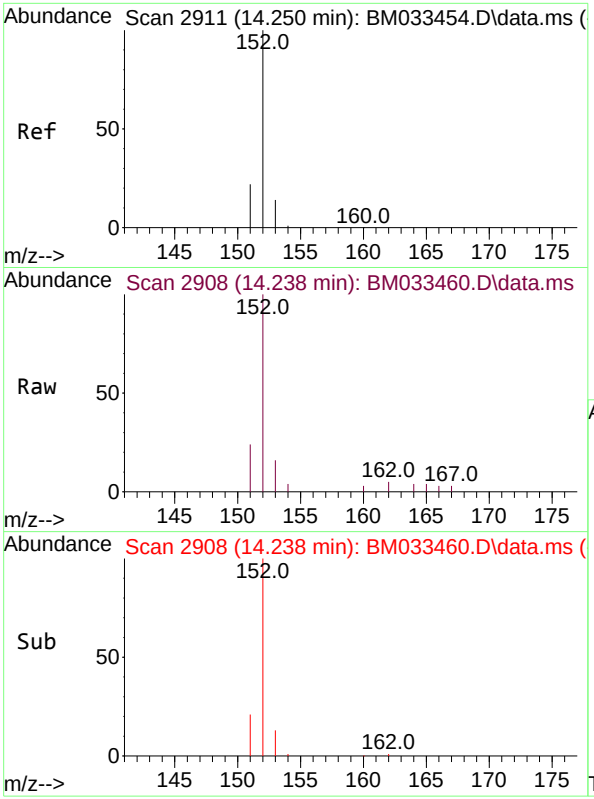


#8
1-Methylnaphthalene
Concen: 0.954 ng/ul
RT: 12.559 min Scan# 2525
Delta R.T. -0.022 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Tgt Ion:142 Resp: 4076

Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.0	112.4



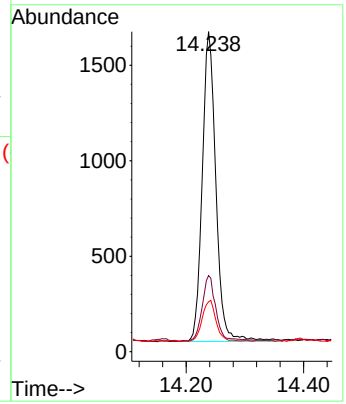


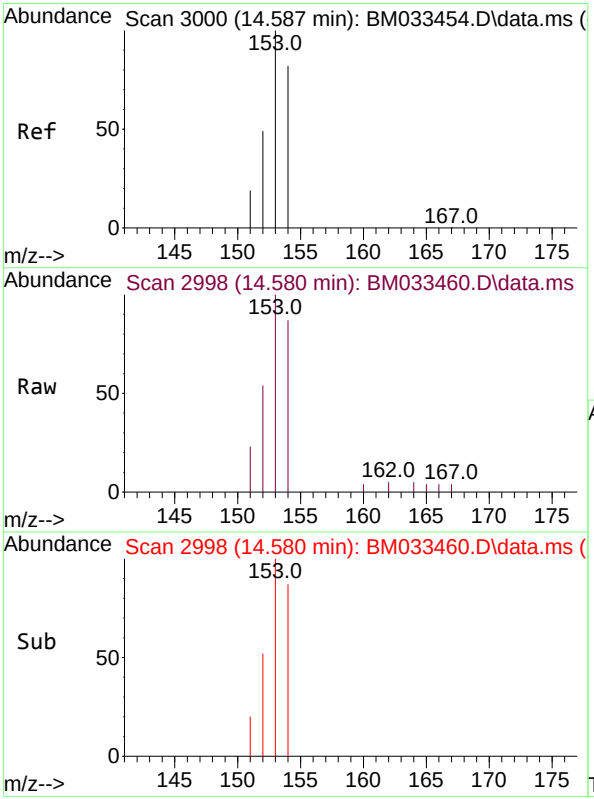
#10
Acenaphthylene
Concen: 0.308 ng/ul
RT: 14.238 min Scan# 2
Delta R.T. -0.019 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Instrument :
BNA_M
ClientSampleId :
EW5R8MS

Tgt Ion:152 Resp: 2621

Ion	Ratio	Lower	Upper
152	100		
151	23.8	19.9	29.9
153	15.6	15.0	22.4

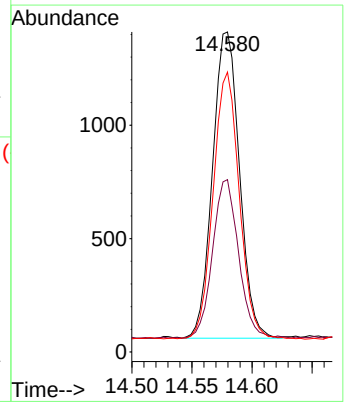


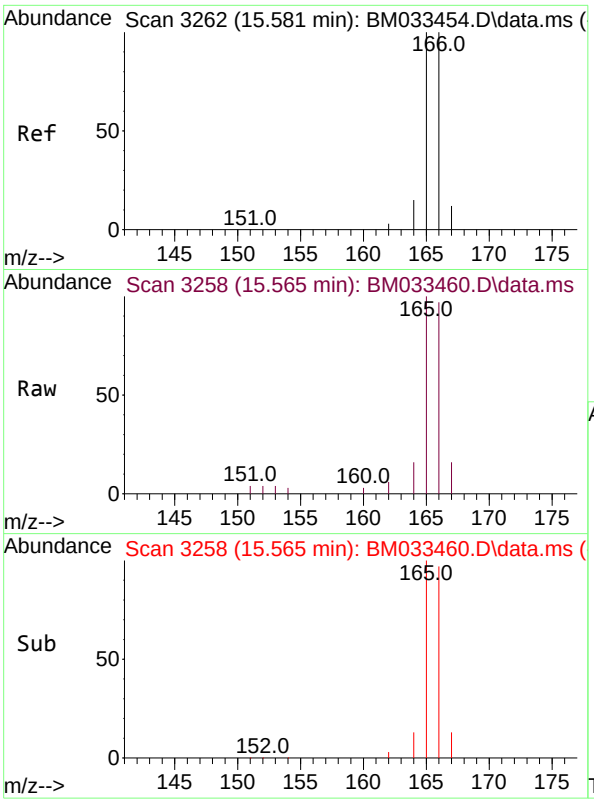


#11
Acenaphthene
Concen: 0.316 ng/ul
RT: 14.580 min Scan# 2998
Delta R.T. -0.011 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Tgt Ion:153 Resp: 2110

Ion	Ratio	Lower	Upper
153	100		
152	53.9	42.4	63.6
154	87.5	66.2	99.2



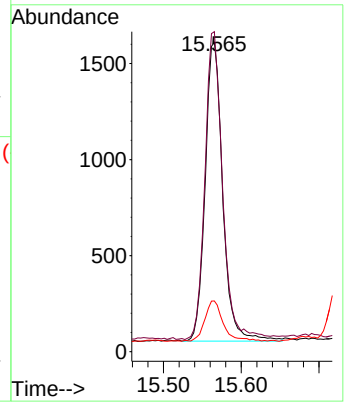


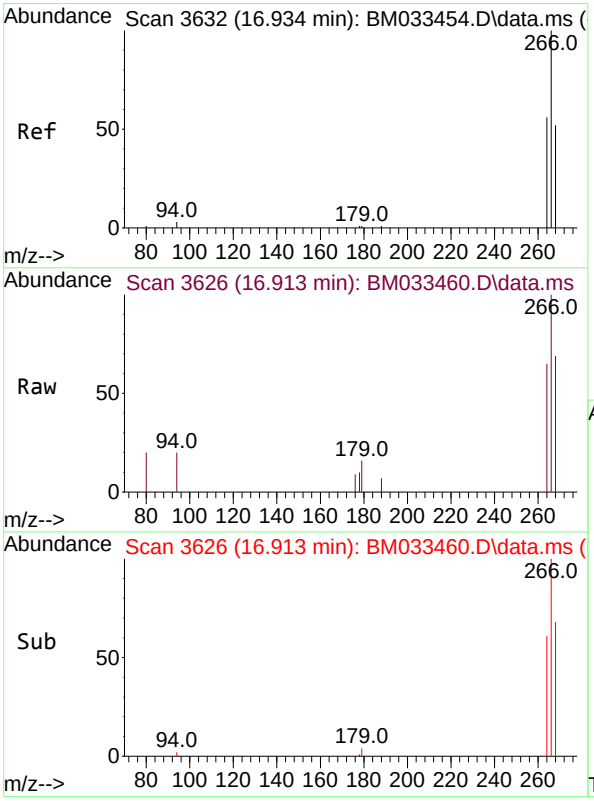
#12
Fluorene
Concen: 0.343 ng/ul
RT: 15.565 min Scan# 3
Delta R.T. -0.026 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Instrument :
BNA_M
ClientSampleId :
EW5R8MS

Tgt Ion:166 Resp: 2449

Ion	Ratio	Lower	Upper
166	100		
165	103.4	81.1	121.7
167	16.4	14.9	22.3

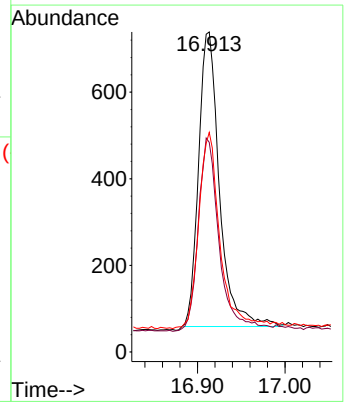


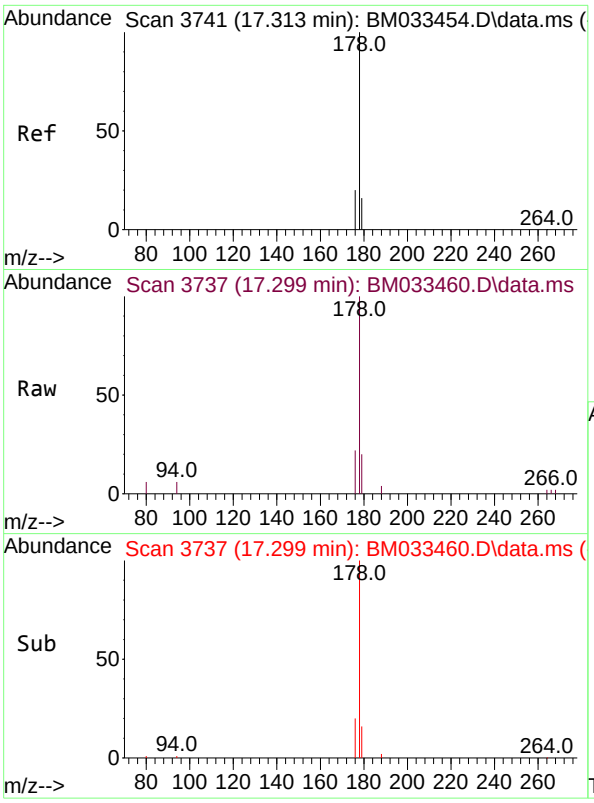


#14
Pentachlorophenol
Concen: 0.885 ng/ul
RT: 16.913 min Scan# 3626
Delta R.T. -0.035 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Tgt Ion:266 Resp: 1127

Ion	Ratio	Lower	Upper
266	100		
264	62.8	51.4	77.0
268	66.5	53.1	79.7



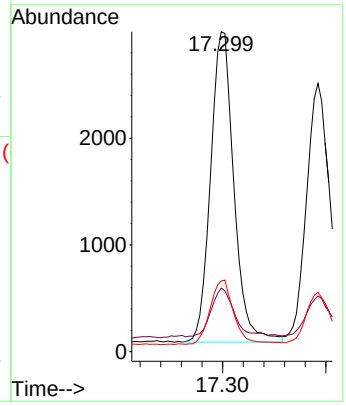


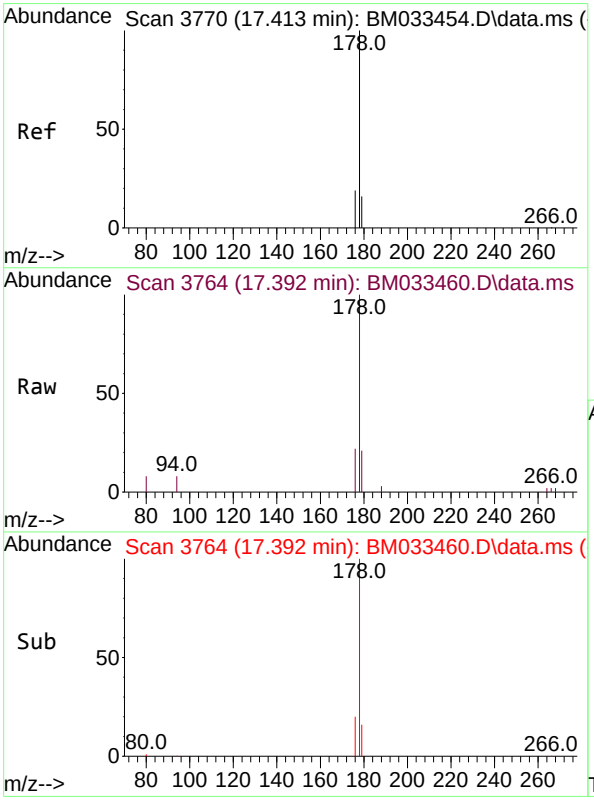
#15
Phenanthrene
Concen: 0.394 ng/ul
RT: 17.299 min Scan# 3
Delta R.T. -0.021 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Instrument :
BNA_M
ClientSampleId :
EW5R8MS

Tgt Ion:178 Resp: 4567

Ion	Ratio	Lower	Upper
178	100		
179	19.8	15.0	22.6
176	22.1	17.9	26.9

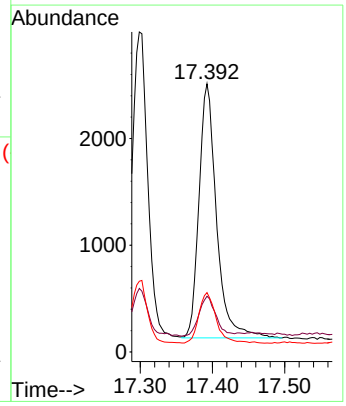


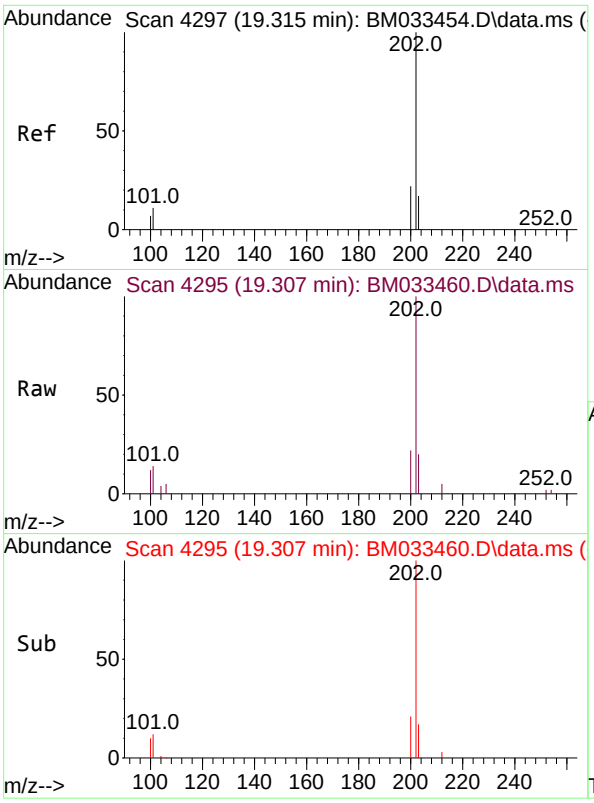


#16
Anthracene
Concen: 0.393 ng/ul
RT: 17.392 min Scan# 3764
Delta R.T. -0.031 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Tgt Ion:178 Resp: 4015

Ion	Ratio	Lower	Upper
178	100		
179	20.7	16.5	24.7
176	22.1	18.3	27.5



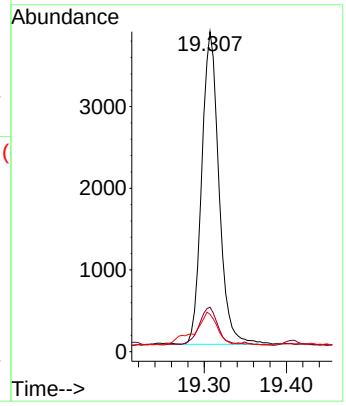


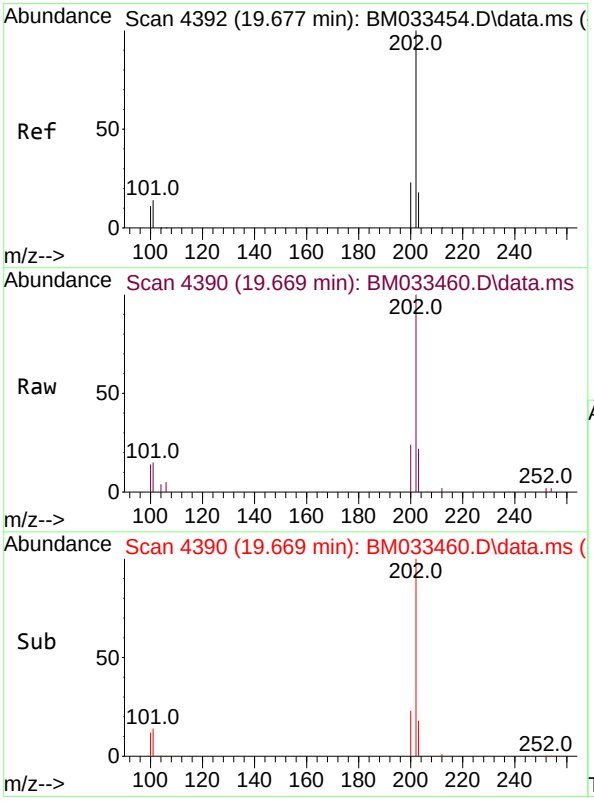
#19
Fluoranthene
Concen: 0.560 ng/ul
RT: 19.307 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Instrument :
BNA_M
ClientSampleId :
EW5R8MS

Tgt Ion:202 Resp: 5559

Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.2	13.8#
100	11.7	7.2	10.8#

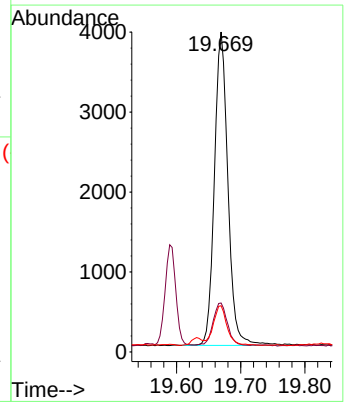


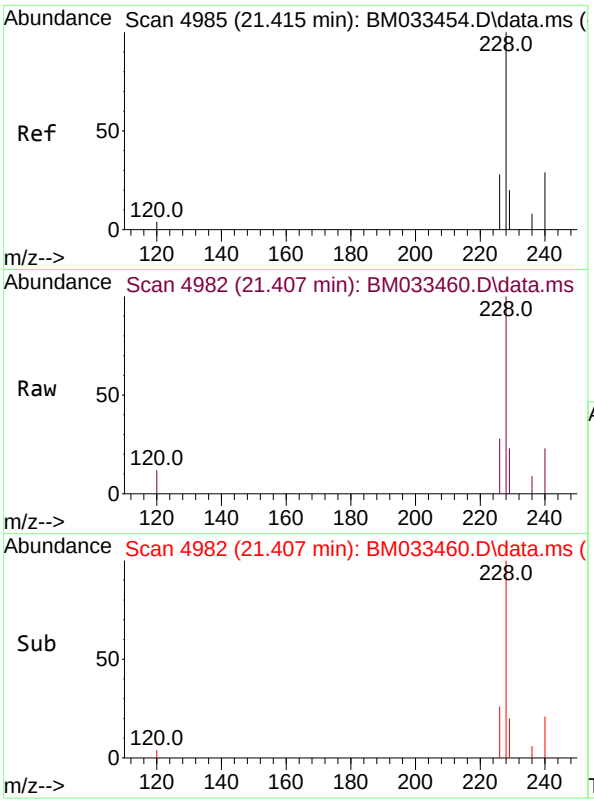


#20
Pyrene
Concen: 0.525 ng/ul
RT: 19.669 min Scan# 4390
Delta R.T. -0.015 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Tgt Ion:202 Resp: 5746

Ion	Ratio	Lower	Upper
202	100		
101	15.3	9.3	13.9#
100	14.4	7.8	11.6#





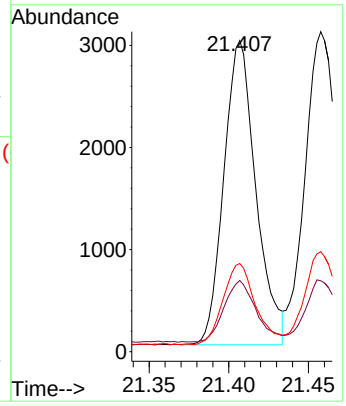
#21
Benzo(a)anthracene
Concen: 0.497 ng/ul
RT: 21.407 min Scan# 4

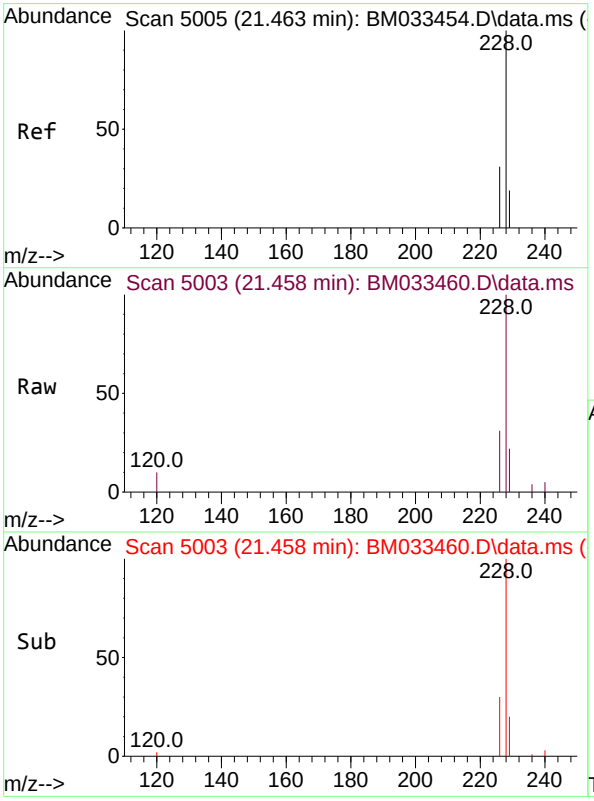
Instrument :
BNA_M
ClientSampleId :
EW5R8MS

Delta R.T. -0.014 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Tgt Ion:228 Resp: 4171

Ion	Ratio	Lower	Upper
228	100		
229	22.9	17.3	25.9
226	28.3	23.2	34.8

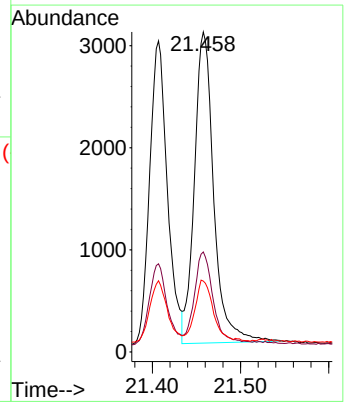


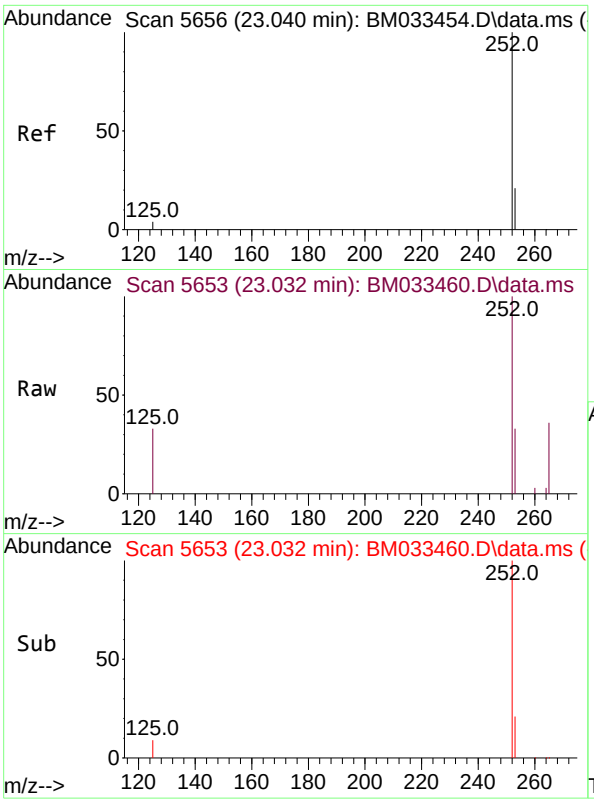


#22
Chrysene
Concen: 0.443 ng/ul
RT: 21.458 min Scan# 5003
Delta R.T. -0.014 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Tgt Ion:228 Resp: 4642

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.8	38.8
229	22.1	16.7	25.1



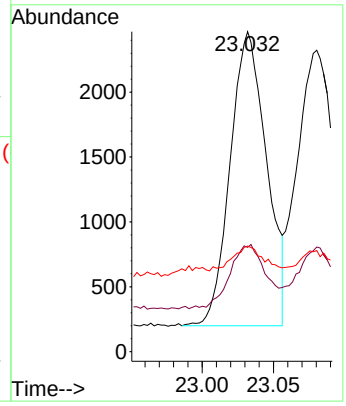


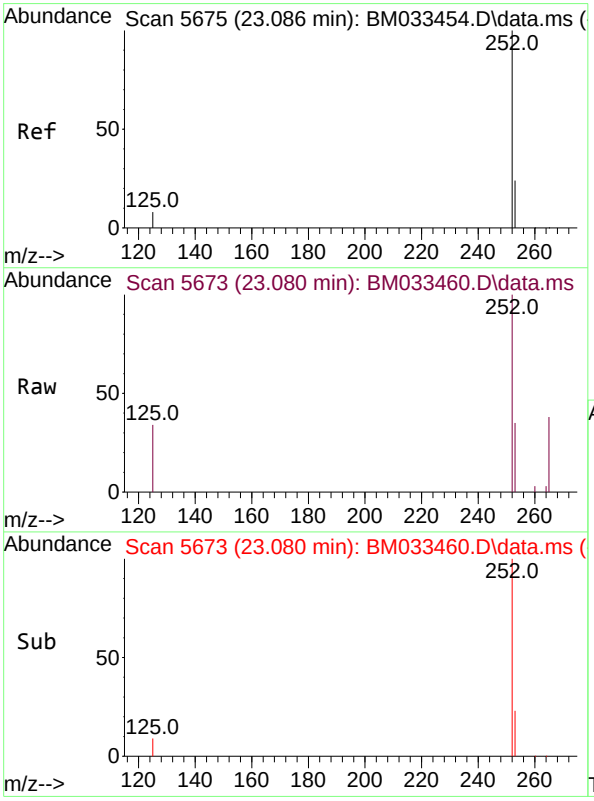
#24
Benzo(b)fluoranthene
Concen: 0.471 ng/ul
RT: 23.032 min Scan# 5
Delta R.T. -0.014 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Instrument :
BNA_M
ClientSampleId :
EW5R8MS

Tgt Ion:252 Resp: 4015

Ion	Ratio	Lower	Upper
252	100		
253	32.6	0.0	64.2
125	33.0	0.0	28.8#

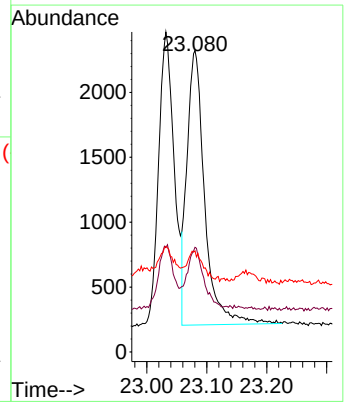


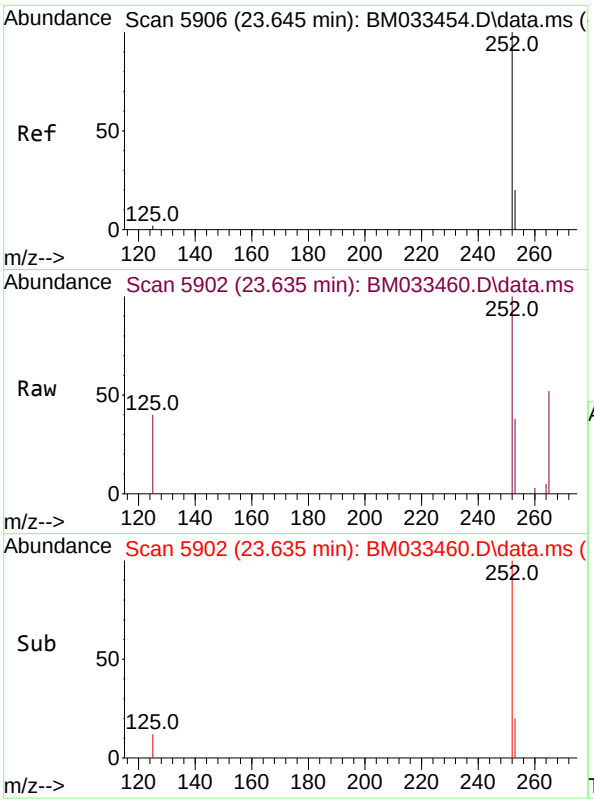


#25
Benzo(k)fluoranthene
Concen: 0.443 ng/ul
RT: 23.080 min Scan# 5673
Delta R.T. -0.014 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Tgt Ion:252 Resp: 4335

Ion	Ratio	Lower	Upper
252	100		
253	34.7	26.8	40.2
125	33.5	12.0	18.0#



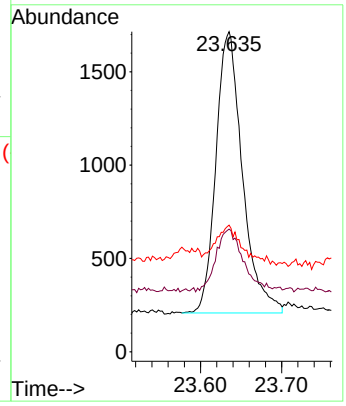


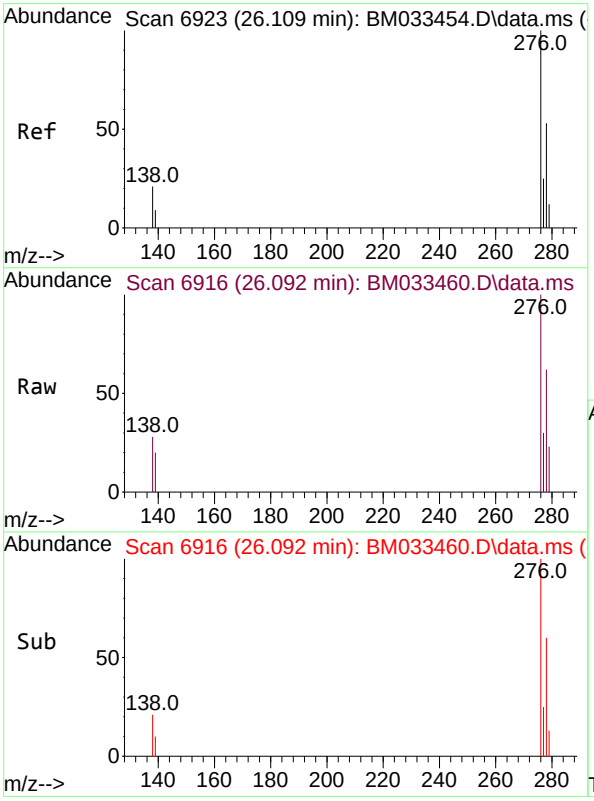
#26
Benzo(a)pyrene
Concen: 0.416 ng/ul
RT: 23.635 min Scan# 5
Delta R.T. -0.019 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Instrument :
BNA_M
ClientSampleId :
EW5R8MS

Tgt Ion:252 Resp: 3417

Ion	Ratio	Lower	Upper
252	100		
253	38.3	32.0	48.0
125	39.6	14.5	21.7#

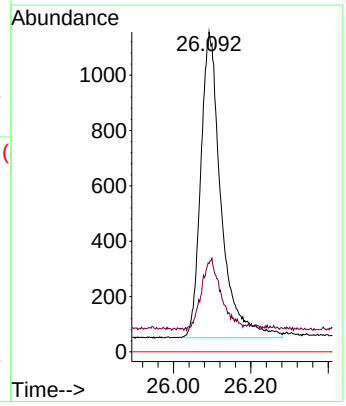


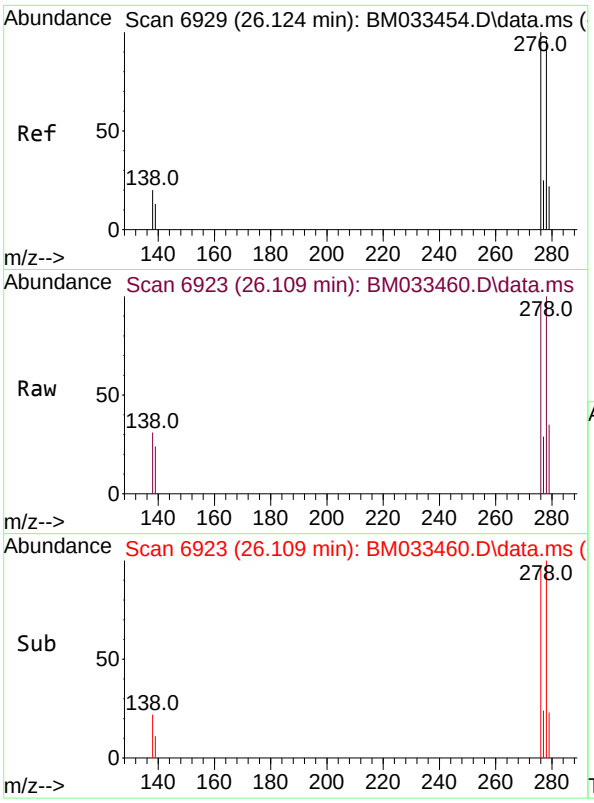


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.440 ng/ul
RT: 26.092 min Scan# 6916
Delta R.T. -0.029 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Tgt Ion:276 Resp: 4031

Ion	Ratio	Lower	Upper
276	100		
138	23.0	15.8	23.6
227	0.0	0.0	0.0



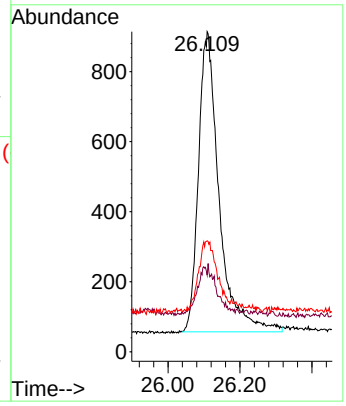


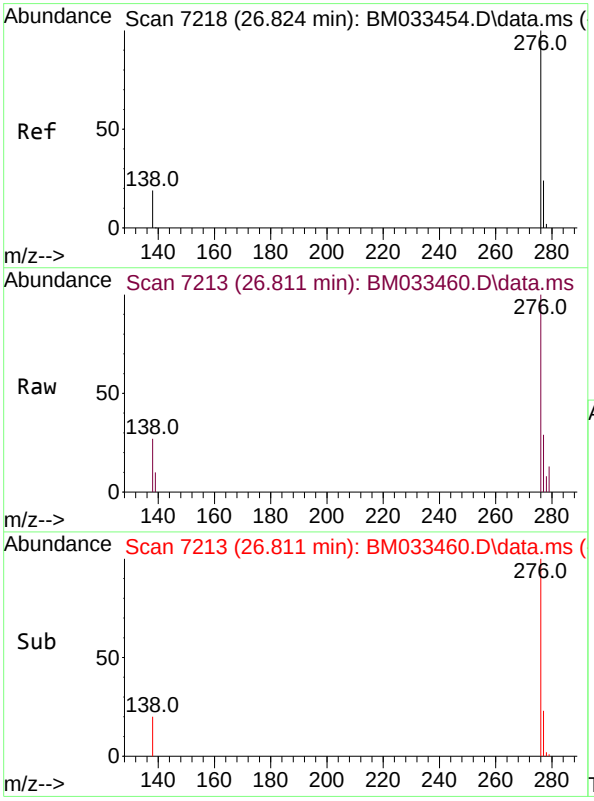
#28
Dibenzo(a,h)anthracene
Concen: 0.448 ng/ul
RT: 26.109 min Scan# 6
Delta R.T. -0.039 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Instrument :
BNA_M
ClientSampleId :
EW5R8MS

Tgt Ion:278 Resp: 3402

Ion	Ratio	Lower	Upper
278	100		
139	24.0	18.0	27.0
279	34.7	28.6	42.8





#29
Benzo(g,h,i)perylene
Concen: 0.418 ng/ul
RT: 26.811 min Scan# 7213
Delta R.T. -0.029 min
Lab File: BM033460.D
Acq: 15 Dec 2021 03:47

Tgt Ion:276 Resp: 3449

Ion	Ratio	Lower	Upper
276	100		
138	27.1	17.4	26.0#
277	28.8	22.6	33.8