Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036991.D
Acq On : 12 Oct 2022 19:33
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 95 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Quant Time: Oct 12 23:12:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8594	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	31200	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	16118	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	27403	0.400	ng/ul	0.00
17) Chrysene-d12	21.485	240	15329	0.400	ng/ul	0.00
23) Perylene-d12	23.882	264	14110	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	3891	0.321	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	18459	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	23375	0.510	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.386	88	3948	0.333	ng/ul	90
5) Naphthalene	10.803	128	34865	0.391	ng/ul	97
7) 2-Methylnaphthalene	12.409	142	21646	0.397	ng/ul	92
8) 1-Methylnaphthalene	12.629	142	21903	0.395	ng/ul	99
10) Acenaphthylene	14.297	152	28564	0.426	ng/ul	98
11) Acenaphthene	14.640	153	22600	0.389	ng/ul	98
12) Fluorene	15.621	166	23781	0.361	ng/ul	98
14) Pentachlorophenol	16.971	266	1992	0.300	ng/ul	99
15) Phenanthrene	17.355	178	33511	0.383	ng/ul	99
16) Anthracene	17.448	178	30226	0.413	ng/ul	98
19) Fluoranthene	19.368	202	30398	0.499	ng/ul	98
20) Pyrene	19.726	202	30540	0.480	ng/ul	99
21) Benzo(a)anthracene	21.468	228	23107	0.417	ng/ul	100
22) Chrysene	21.520	228	22928	0.386	ng/ul	99
24) Benzo(b)fluoranthene	23.151	252	22264	0.353	ng/ul	96
25) Benzo(k)fluoranthene	23.198	252	22073	0.359	ng/ul	97
26) Benzo(a)pyrene	23.774	252	20025	0.392	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.373	276	27036	0.373	ng/ul	99
28) Dibenzo(a,h)anthracene	26.390	278	21490	0.367	ng/ul	95
29) Benzo(g,h,i)perylene	27.138	276	22825	0.358	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
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Acq On : 12 Oct 2022 19:33
Operator : CG/JU
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Misc :
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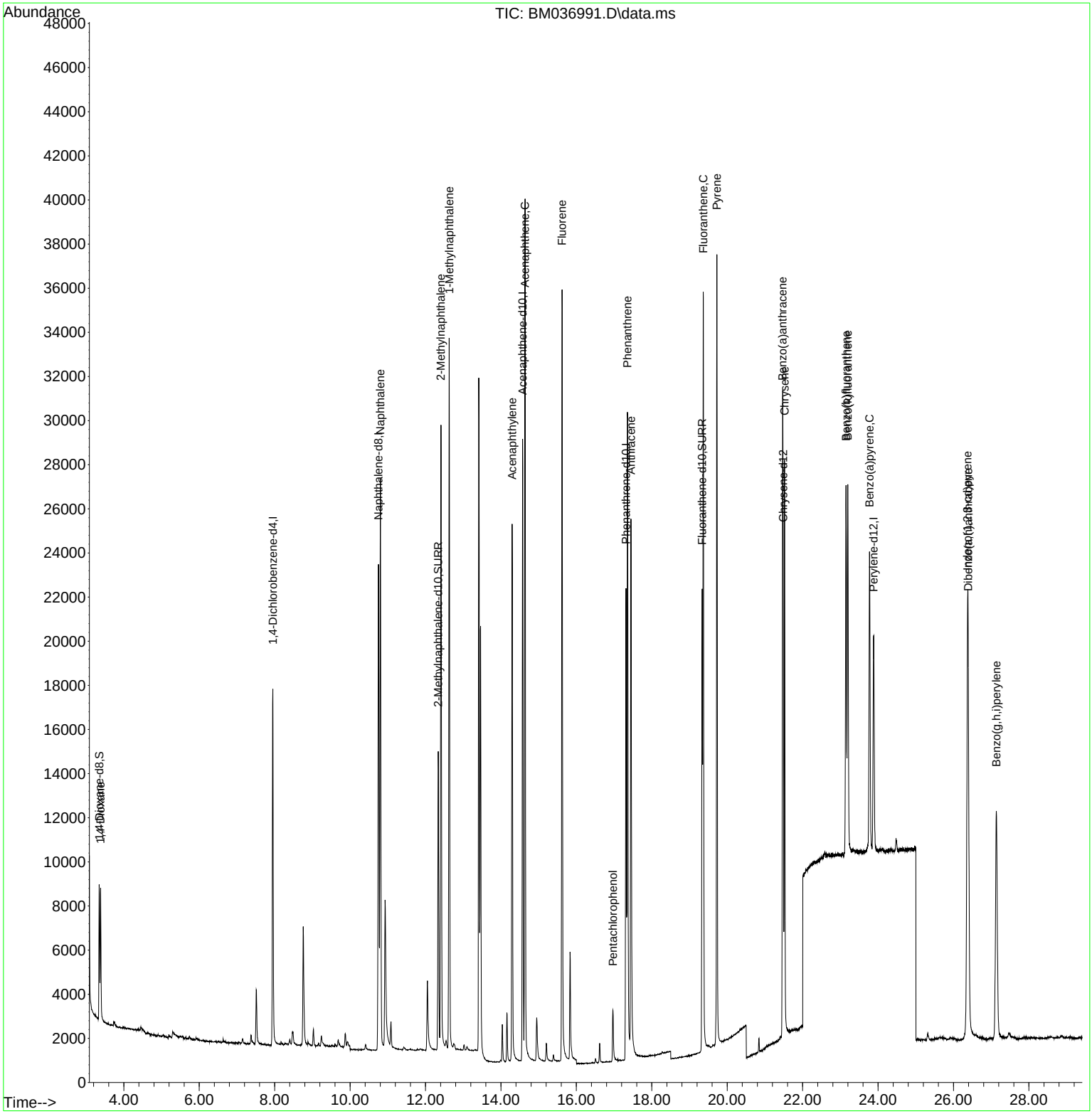
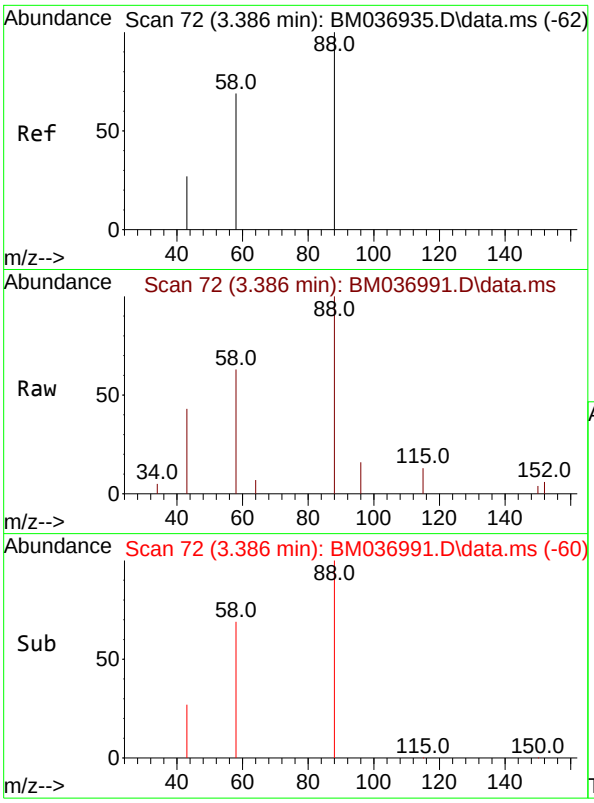
Quant Time: Oct 12 23:12:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration



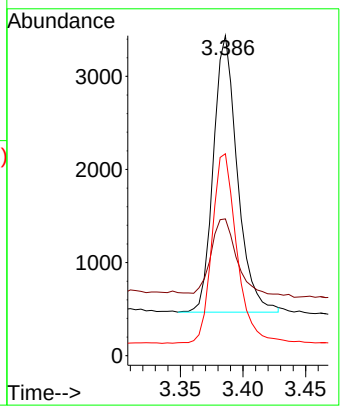


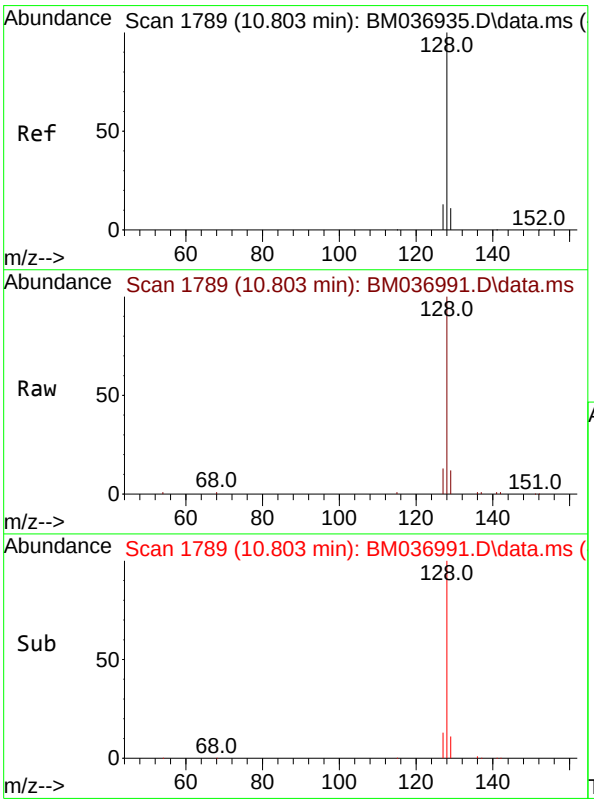
#2
1,4-Dioxane
Concen: 0.333 ng/ul
RT: 3.386 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion: 88 Resp: 3948

Ion	Ratio	Lower	Upper
88	100		
43	42.8	37.8	56.6
58	63.1	42.6	63.8

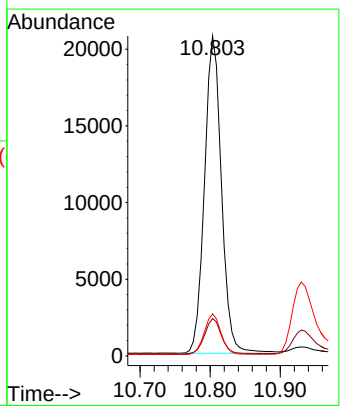


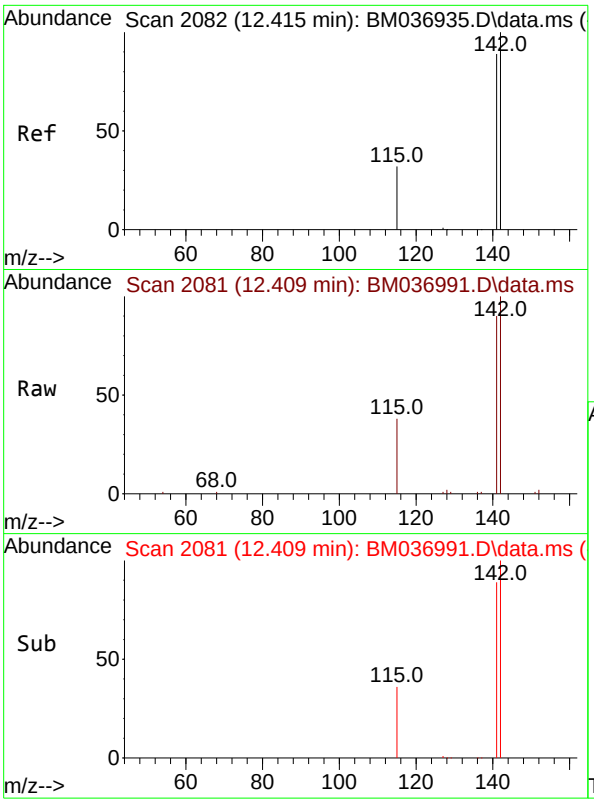


#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Tgt Ion:128 Resp: 34865

Ion	Ratio	Lower	Upper
128	100		
129	11.7	10.2	15.2
127	13.1	11.7	17.5



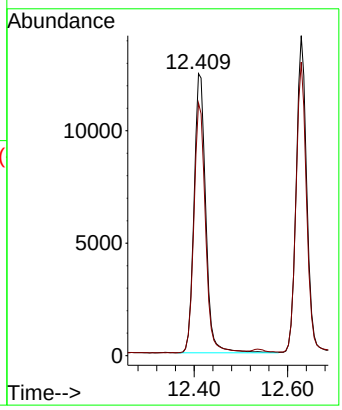


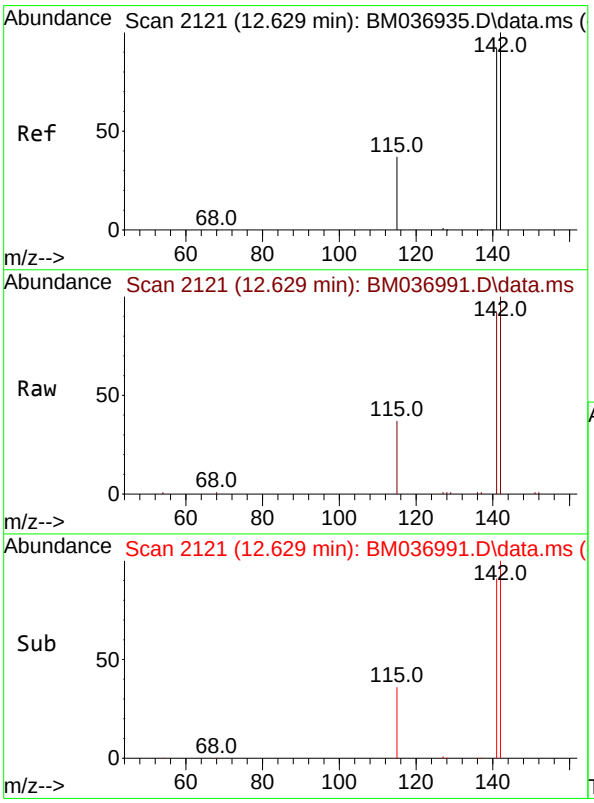
#7
2-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.409 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion:142 Resp: 21646

Ion	Ratio	Lower	Upper
142	100		
141	88.5	77.4	116.0

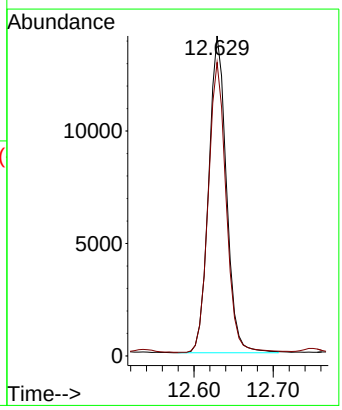


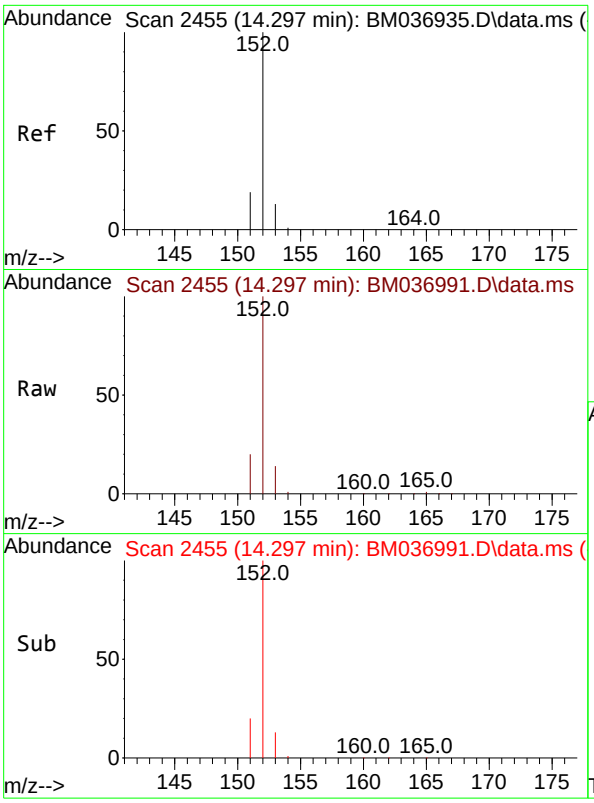


#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Tgt Ion:142 Resp: 21903

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.1	111.1



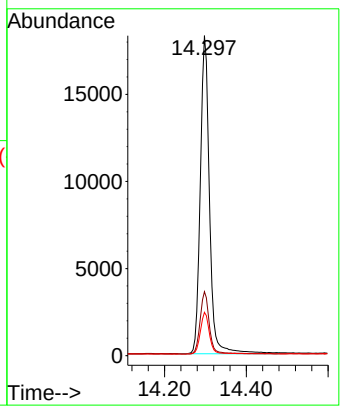


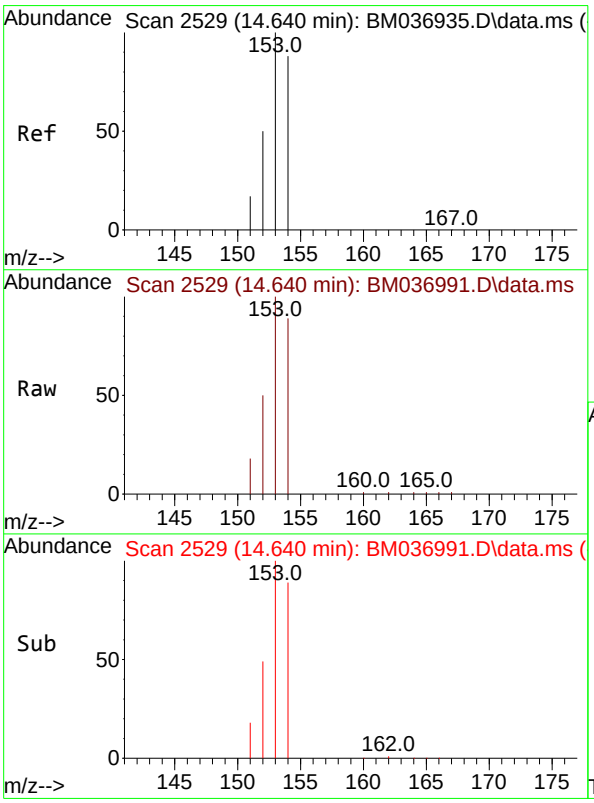
#10
Acenaphthylene
Concen: 0.426 ng/ul
RT: 14.297 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion:152 Resp: 28564

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.6	24.8
153	13.5	11.4	17.0

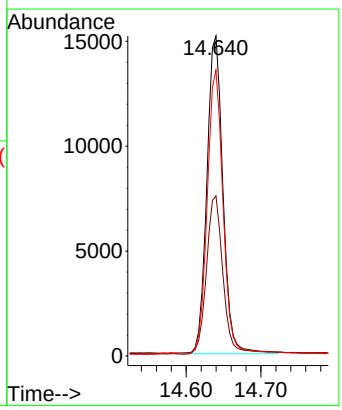


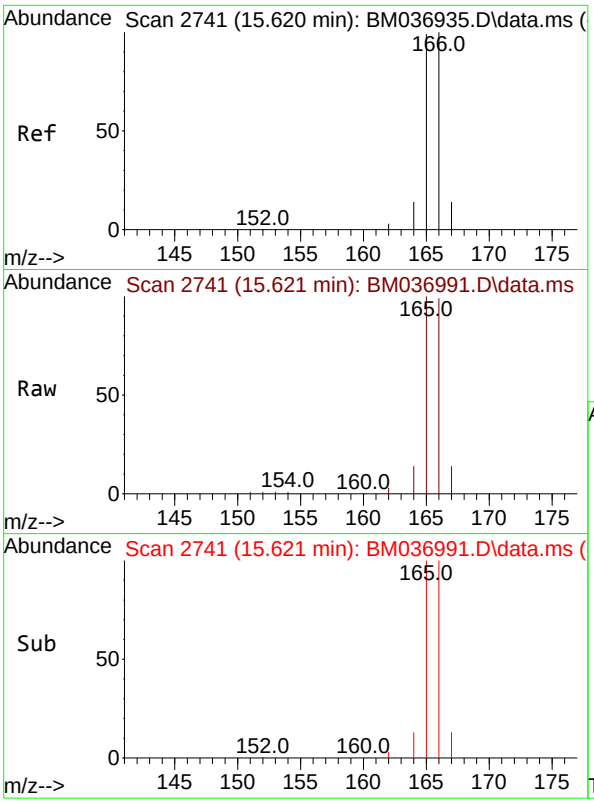


#11
Acenaphthene
Concen: 0.389 ng/ul
RT: 14.640 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Tgt Ion:153 Resp: 22600

Ion	Ratio	Lower	Upper
153	100		
152	50.1	40.2	60.4
154	89.3	69.7	104.5



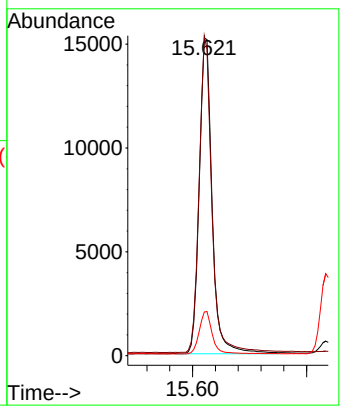


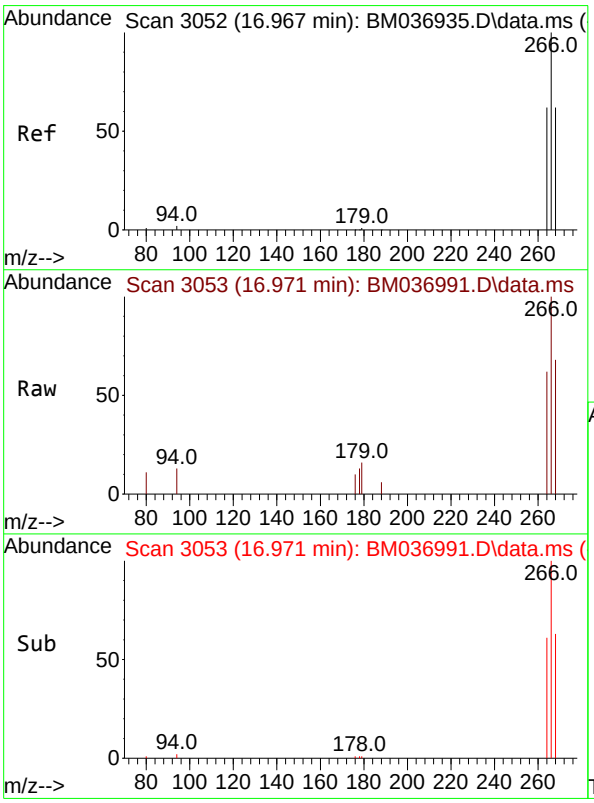
#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.621 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion:166 Resp: 23781

Ion	Ratio	Lower	Upper
166	100		
165	100.8	78.9	118.3
167	13.8	11.3	16.9

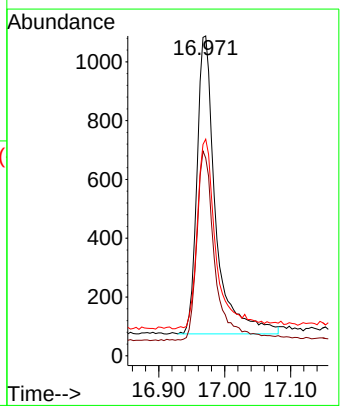


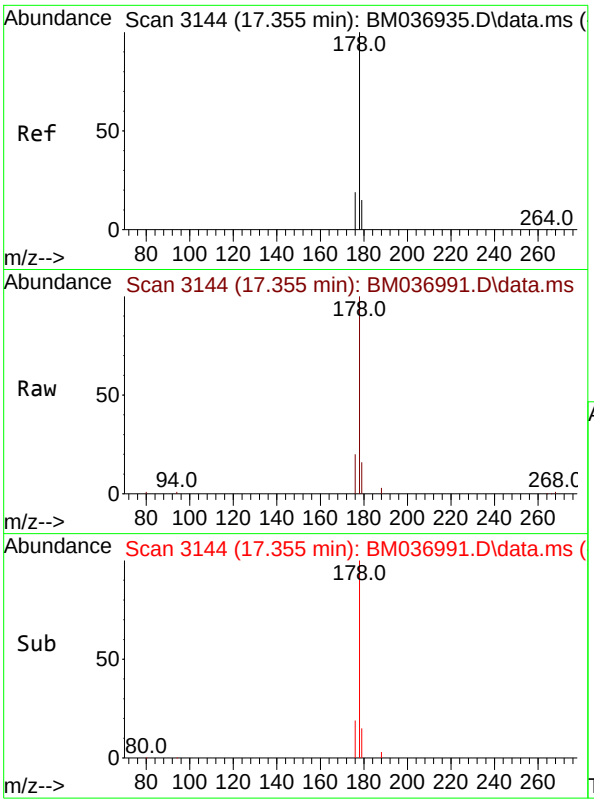


#14
Pentachlorophenol
Concen: 0.300 ng/ul
RT: 16.971 min Scan# 3053
Delta R.T. 0.004 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Tgt Ion:266 Resp: 1992

Ion	Ratio	Lower	Upper
266	100		
264	62.1	50.3	75.5
268	65.5	53.5	80.3



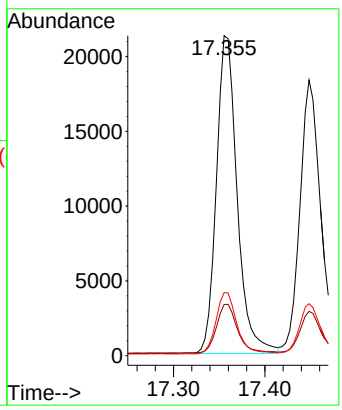


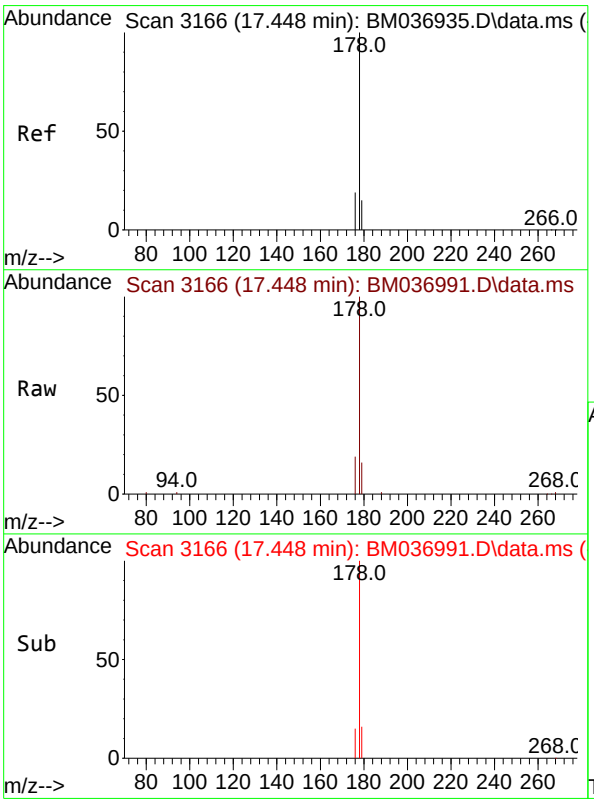
#15
Phenanthrene
Concen: 0.383 ng/ul
RT: 17.355 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion:178 Resp: 33511

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.6
176	19.7	15.6	23.4

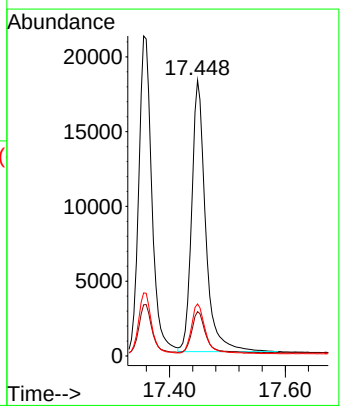


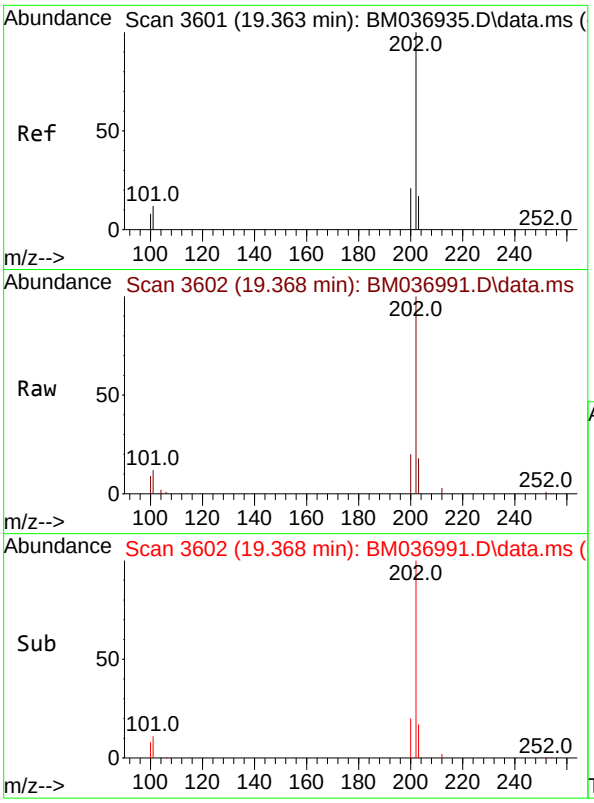


#16
Anthracene
Concen: 0.413 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Tgt Ion:178 Resp: 30226

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.6	20.4
176	18.8	15.6	23.4



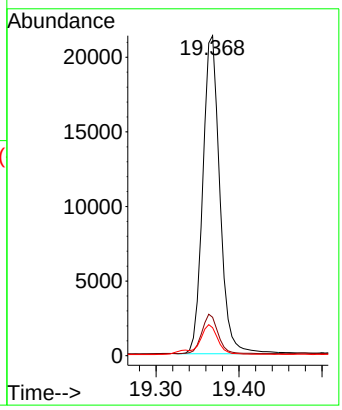


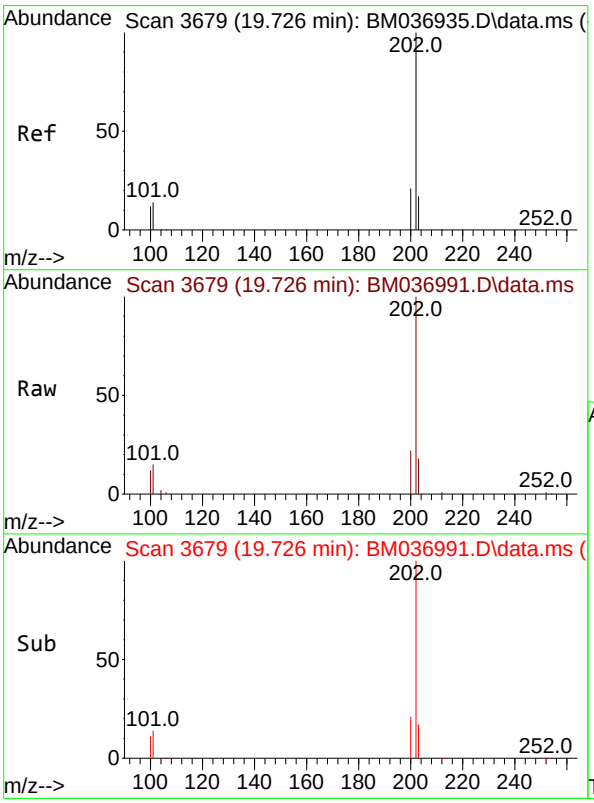
#19
Fluoranthene
Concen: 0.499 ng/ul
RT: 19.368 min Scan# 3
Delta R.T. 0.005 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion:202 Resp: 30398

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.1	15.1
100	8.8	7.9	11.9

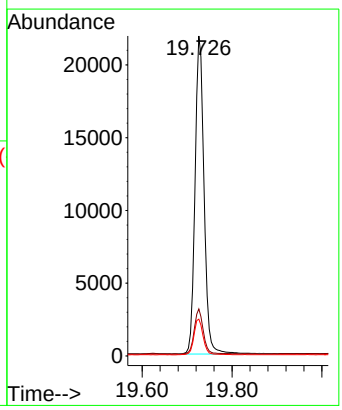


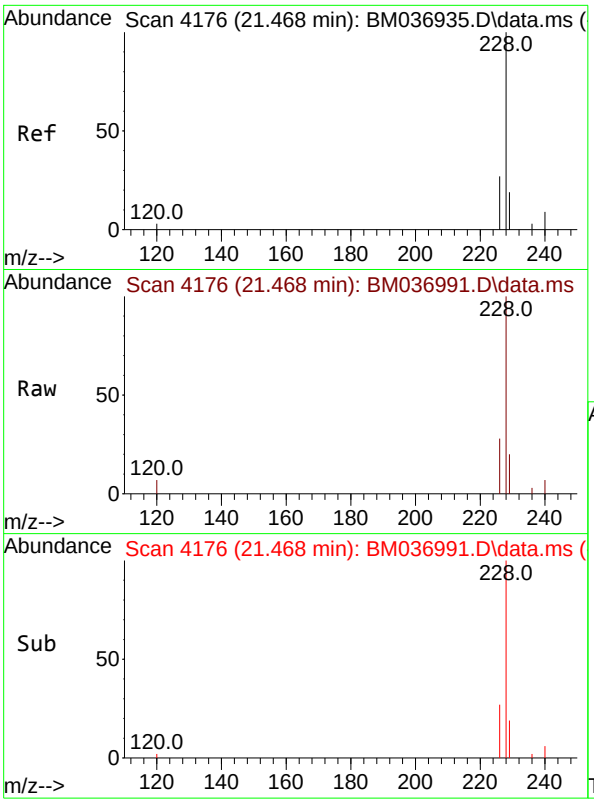


#20
Pyrene
Concen: 0.480 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Tgt Ion:202 Resp: 30540

Ion	Ratio	Lower	Upper
202	100		
101	14.7	12.0	18.0
100	11.5	9.8	14.6



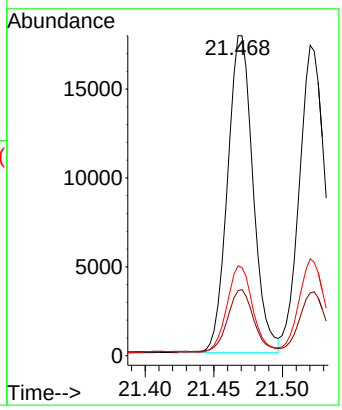


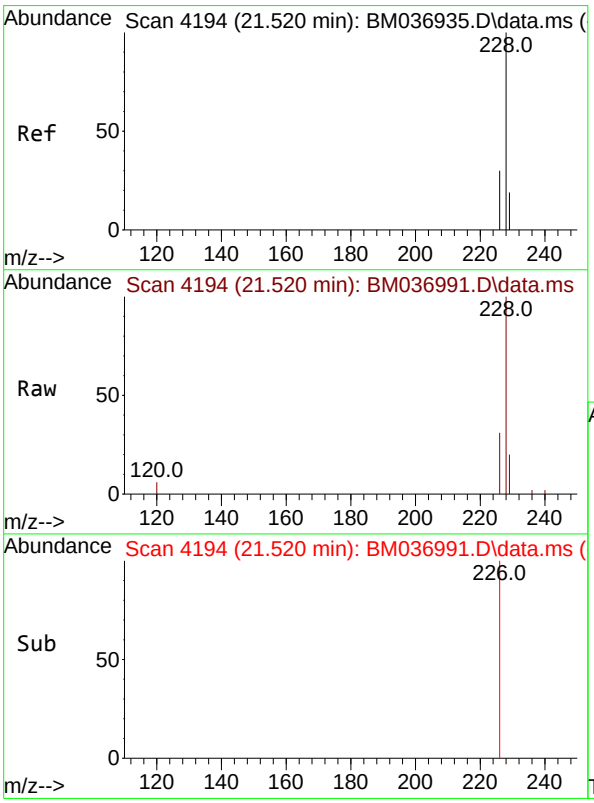
#21
Benzo(a)anthracene
Concen: 0.417 ng/ul
RT: 21.468 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion:228 Resp: 23107

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.2	24.2
226	28.1	22.5	33.7

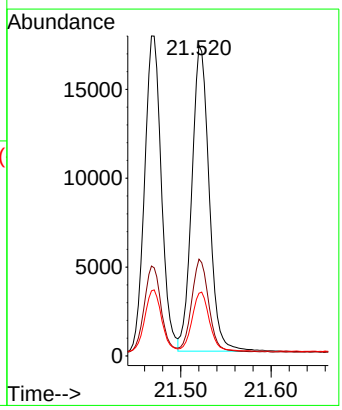


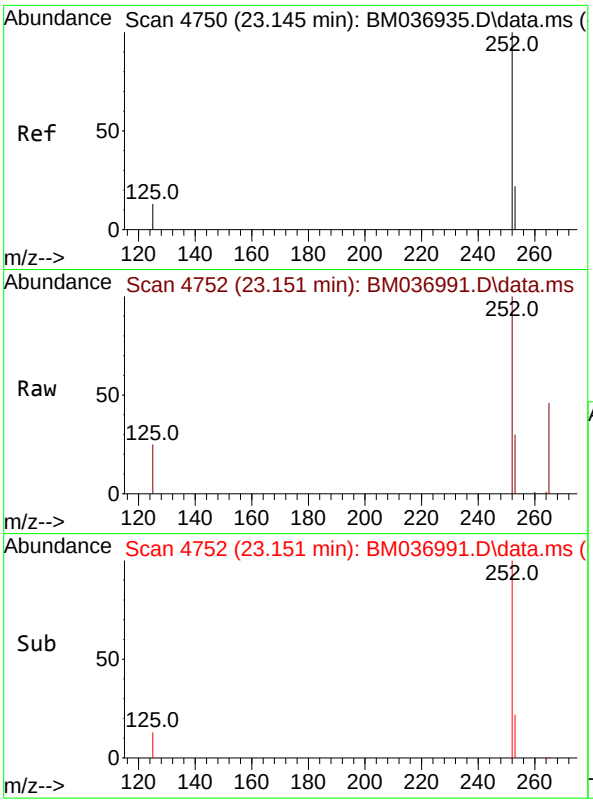


#22
Chrysene
Concen: 0.386 ng/ul
RT: 21.520 min Scan# 4194
Delta R.T. 0.000 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Tgt Ion:228 Resp: 22928

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	20.2	16.4	24.6



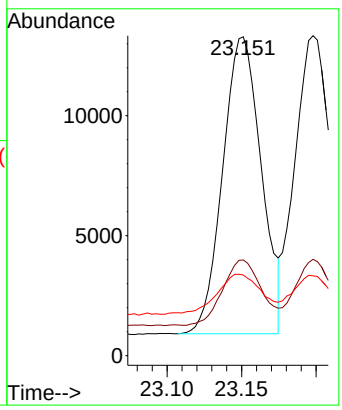


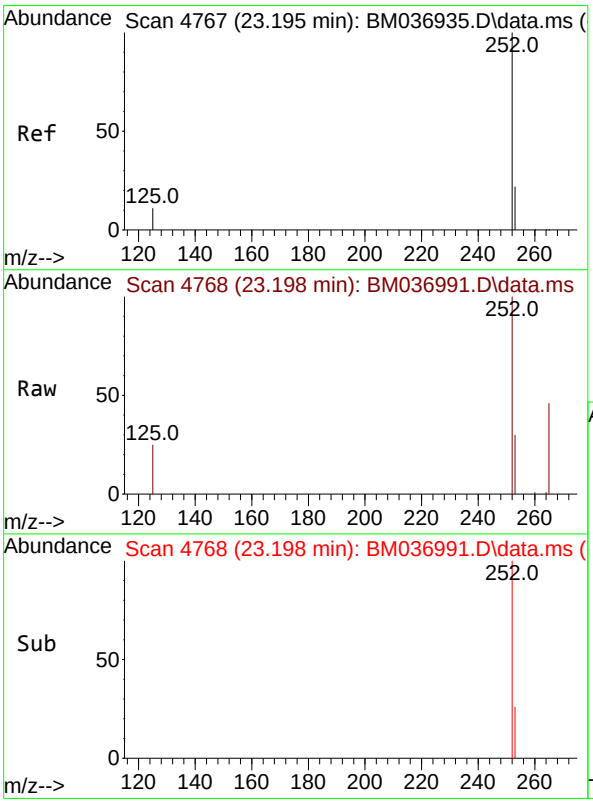
#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 23.151 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion:252 Resp: 22264

Ion	Ratio	Lower	Upper
252	100		
253	30.0	0.0	61.4
125	25.3	0.0	42.6

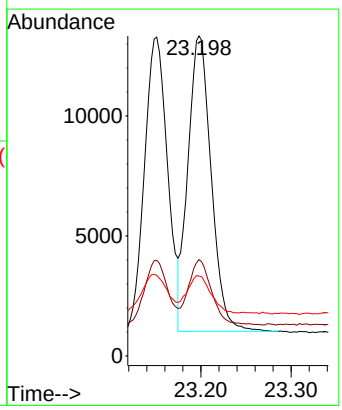


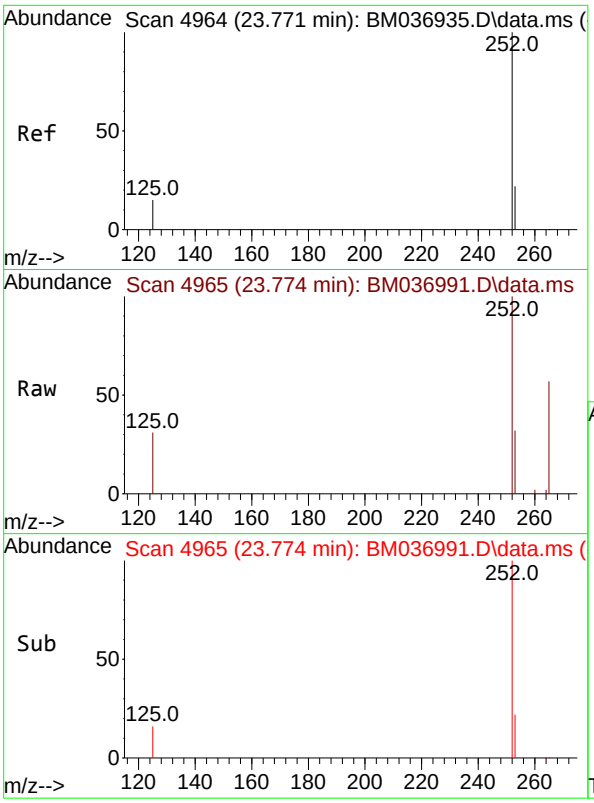


#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul
RT: 23.198 min Scan# 4768
Delta R.T. 0.003 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Tgt Ion:252 Resp: 22073

Ion	Ratio	Lower	Upper
252	100		
253	30.1	25.2	37.8
125	25.0	18.3	27.5



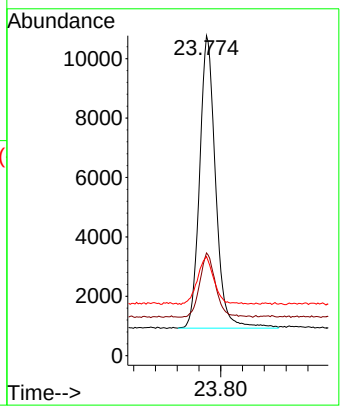


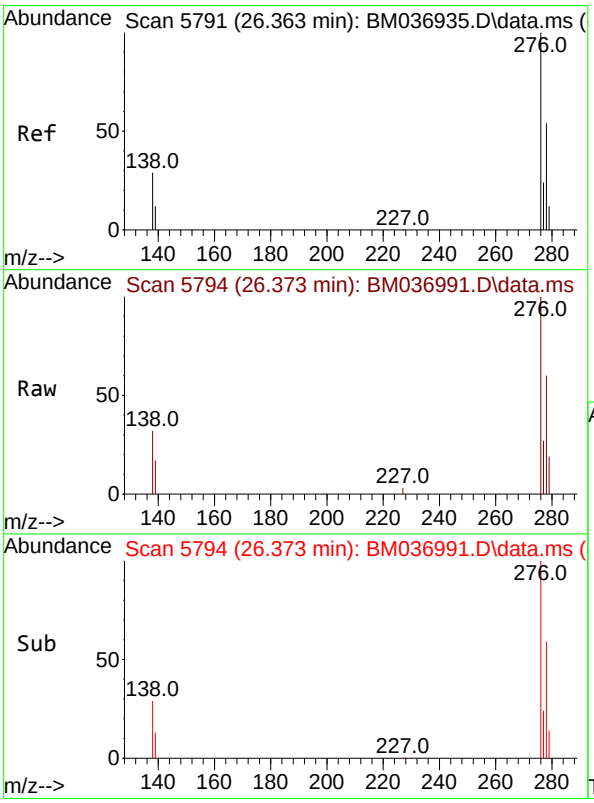
#26
Benzo(a)pyrene
Concen: 0.392 ng/ul
RT: 23.774 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion:252 Resp: 20025

Ion	Ratio	Lower	Upper
252	100		
253	32.1	29.7	44.5
125	30.9	23.6	35.4

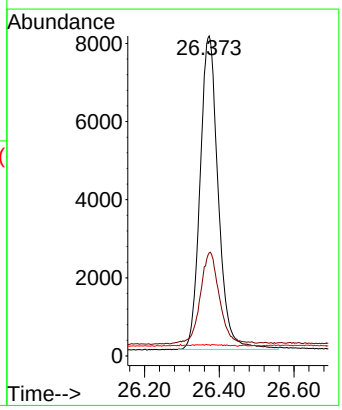


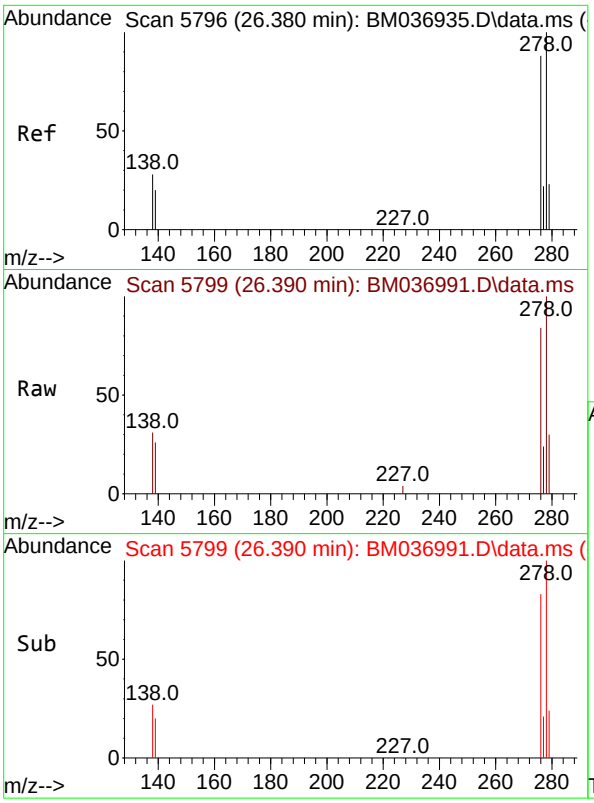


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng/ul
RT: 26.373 min Scan# 5794
Delta R.T. 0.010 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Tgt Ion:276 Resp: 27036

Ion	Ratio	Lower	Upper
276	100		
138	30.7	23.9	35.9
227	0.1	0.1	0.1



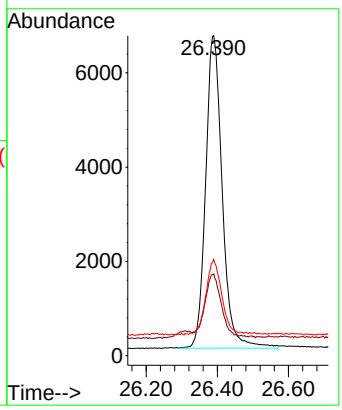


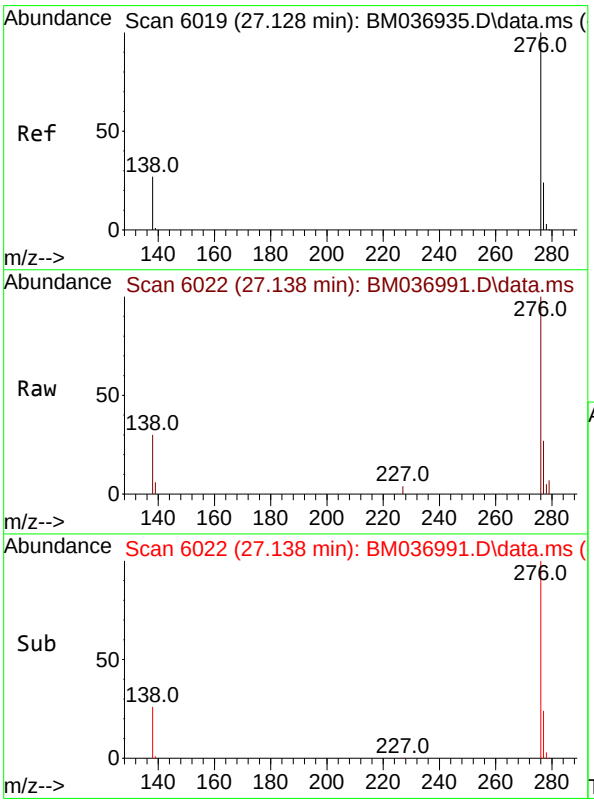
#28
Dibenzo(a,h)anthracene
Concen: 0.367 ng/ul
RT: 26.390 min Scan# 5
Delta R.T. 0.010 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Tgt Ion:278 Resp: 21490

Ion	Ratio	Lower	Upper
278	100		
139	25.5	19.8	29.6
279	30.1	27.7	41.5





#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 27.138 min Scan# 6022
Delta R.T. 0.010 min
Lab File: BM036991.D
Acq: 12 Oct 2022 19:33

Tgt Ion:276 Resp: 22825

Ion	Ratio	Lower	Upper
276	100		
138	29.6	23.4	35.0
277	26.8	21.0	31.4