Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010422\
Data File : BM033622.D
Acq On : 04 Jan 2022 12:59
Operator : CG/JU
Sample : SSTD0.237
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Quant Time: Jan 04 14:19:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 04 14:17:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.991	152	3332	0.400	ng/ul		0.00
4) Naphthalene-d8	10.810	136	10812	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.629	164	5309	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.365	188	9439	0.400	ng/ul		0.00
17) Chrysene-d12	21.528	240	6780	0.400	ng/ul	#	0.00
23) Perylene-d12	23.962	264	7114	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.331	96	750	0.264	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.398	152	3002	0.208	ng/ul		0.00
18) Fluoranthene-d10	19.384	212	4320	0.276	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	823	0.223	ng/ul		98
5) Naphthalene	10.860	128	6435	0.180	ng/ul	#	89
7) 2-Methylnaphthalene	12.470	142	4098	0.168	ng/ul		99
8) 1-Methylnaphthalene	12.686	142	3986	0.175	ng/ul		99
10) Acenaphthylene	14.348	152	5000	0.176	ng/ul	#	92
11) Acenaphthene	14.690	153	4009	0.185	ng/ul		97
12) Fluorene	15.672	166	5241	0.218	ng/ul	#	94
14) Pentachlorophenol	17.011	266	765	0.162	ng/ul		99
15) Phenanthrene	17.406	178	6178	0.202	ng/ul		96
16) Anthracene	17.497	178	5620	0.196	ng/ul		94
19) Fluoranthene	19.414	202	6485	0.312	ng/ul		95
20) Pyrene	19.772	202	6573	0.302	ng/ul	#	91
21) Benzo(a)anthracene	21.514	228	5776	0.310	ng/ul		99
22) Chrysene	21.564	228	5990	0.285	ng/ul		98
24) Benzo(b)fluoranthene	23.216	252	6388	0.284	ng/ul		92
25) Benzo(k)fluoranthene	23.267	252	6201	0.263	ng/ul	#	90
26) Benzo(a)pyrene	23.849	252	5477	0.263	ng/ul	#	87
27) Indeno(1,2,3-cd)pyrene	26.506	276	7269	0.252	ng/ul	#	77
28) Dibenzo(a,h)anthracene	26.521	278	5709	0.247	ng/ul		95
29) Benzo(g,h,i)perylene	27.282	276	6247	0.245	ng/ul	#	92

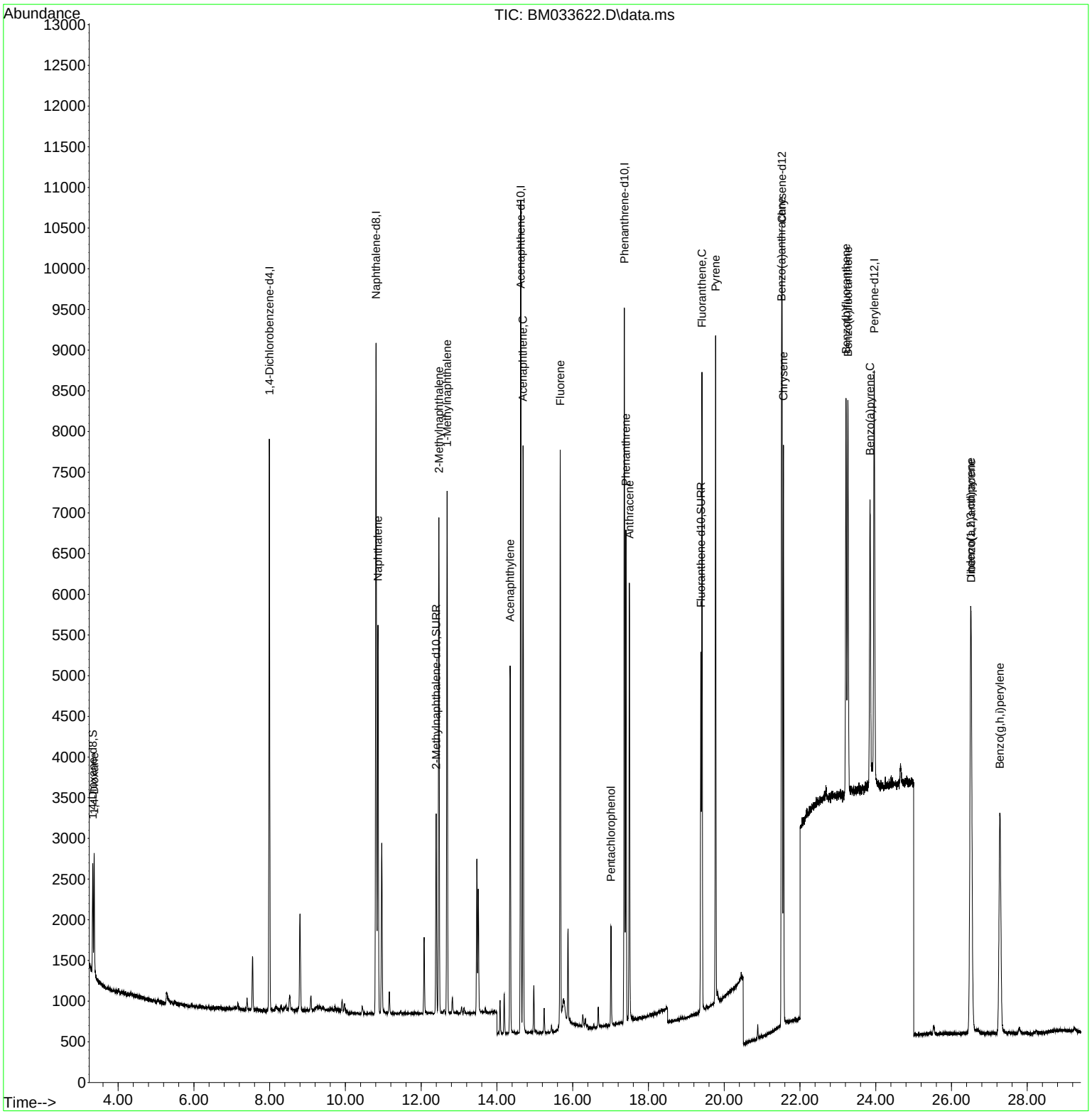
(#) = qualifier out of range (m) = manual integration (+) = signals summed

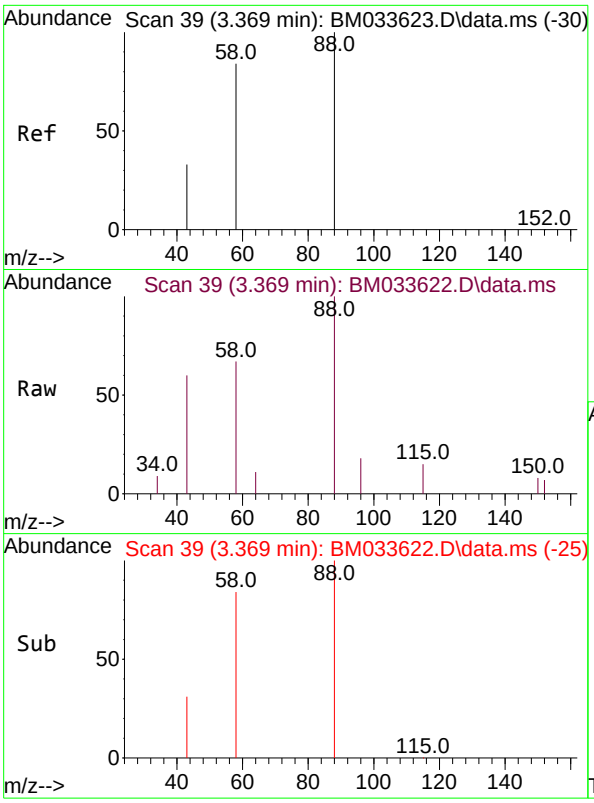
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010422\
Data File : BM033622.D
Acq On : 04 Jan 2022 12:59
Operator : CG/JU
Sample : SSTD0.237
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Quant Time: Jan 04 14:19:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 04 14:17:24 2022
Response via : Initial Calibration



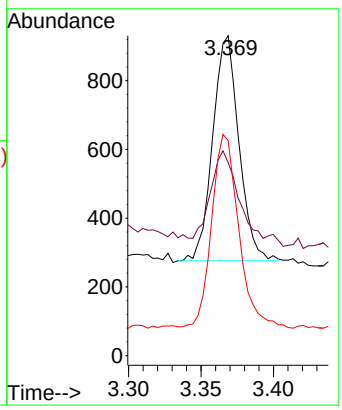


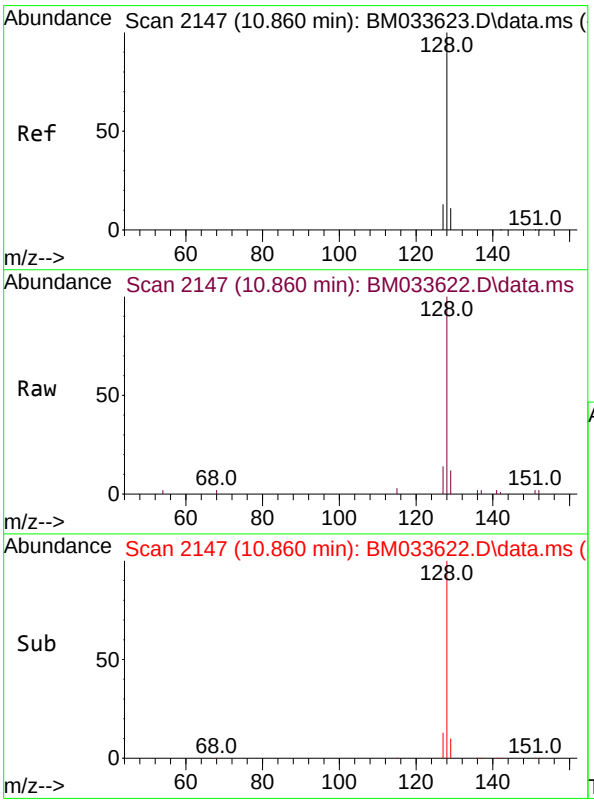
#2
1,4-Dioxane
Concen: 0.223 ng/ul
RT: 3.369 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Tgt Ion: 88 Resp: 823

Ion	Ratio	Lower	Upper
88	100		
43	60.4	49.7	74.5
58	67.2	52.5	78.7

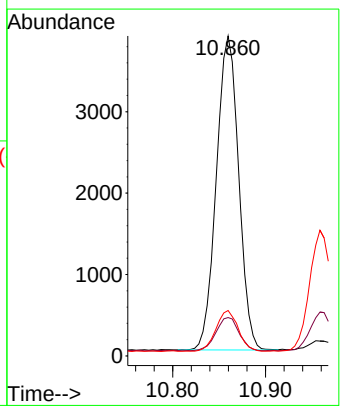


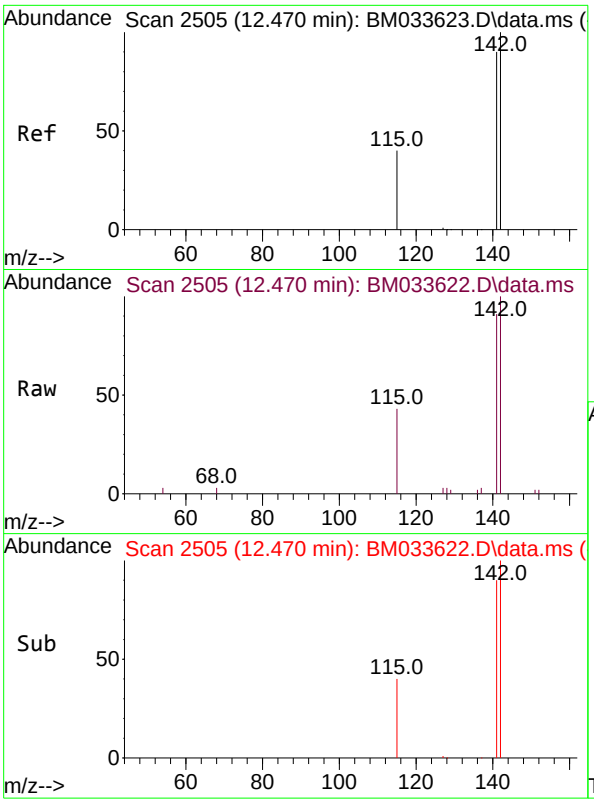


#5
Naphthalene
Concen: 0.180 ng/ul
RT: 10.860 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Tgt Ion:128 Resp: 6435

Ion	Ratio	Lower	Upper
128	100		
129	12.0	13.4	20.2#
127	14.2	15.2	22.8#



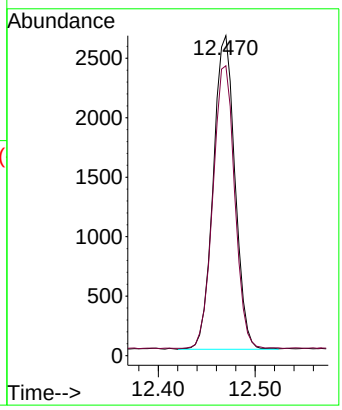


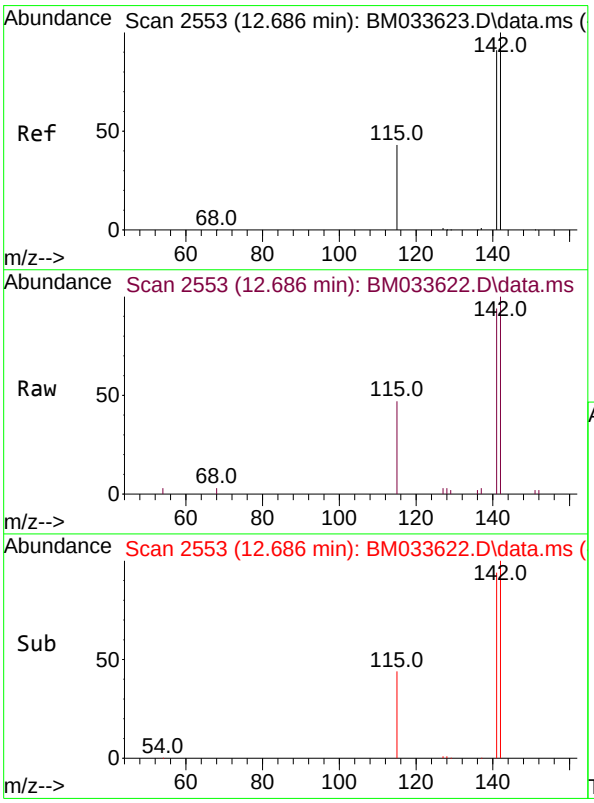
#7
2-Methylnaphthalene
Concen: 0.168 ng/ul
RT: 12.470 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Tgt Ion:142 Resp: 4098

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.8	107.6

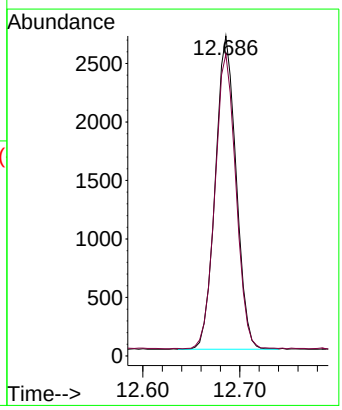


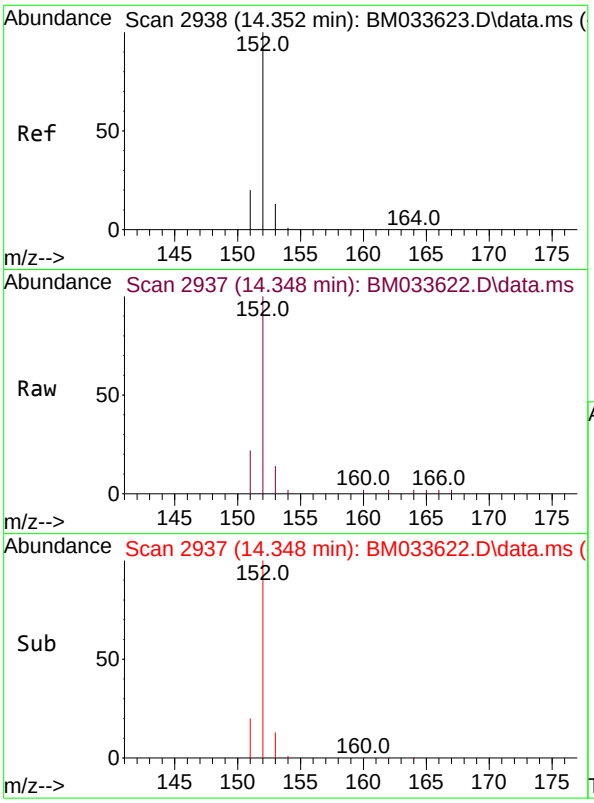


#8
1-Methylnaphthalene
Concen: 0.175 ng/ul
RT: 12.686 min Scan# 2553
Delta R.T. 0.000 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Tgt Ion:142 Resp: 3986

Ion	Ratio	Lower	Upper
142	100		
141	94.9	75.0	112.4



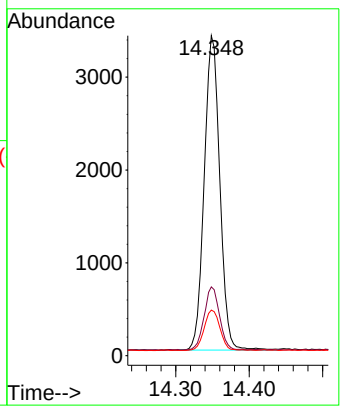


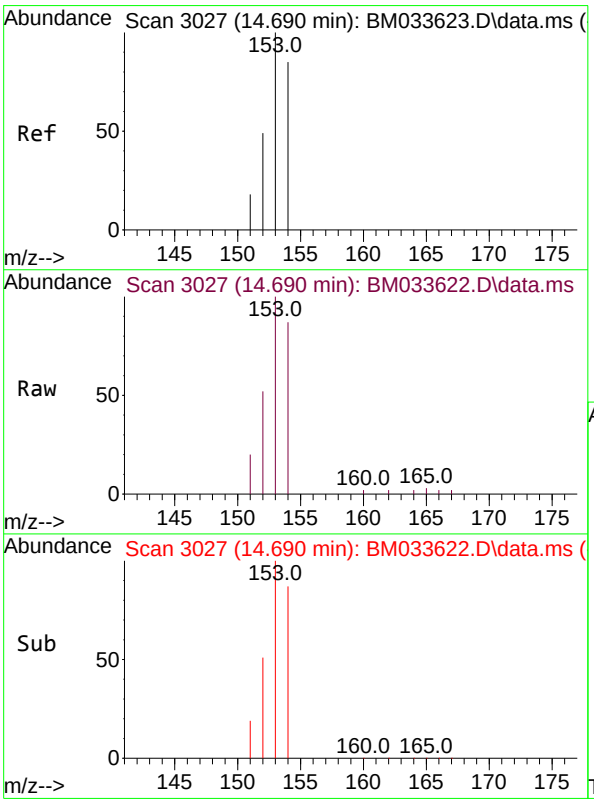
#10
Acenaphthylene
Concen: 0.176 ng/ul
RT: 14.348 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Tgt Ion:152 Resp: 5000

Ion	Ratio	Lower	Upper
152	100		
151	21.5	19.9	29.9
153	14.3	15.0	22.4#

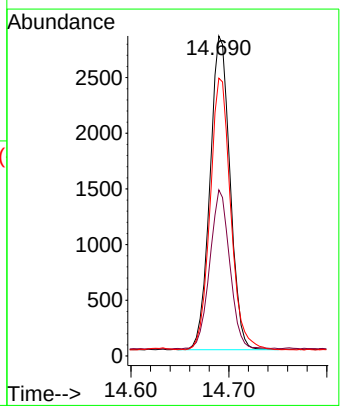


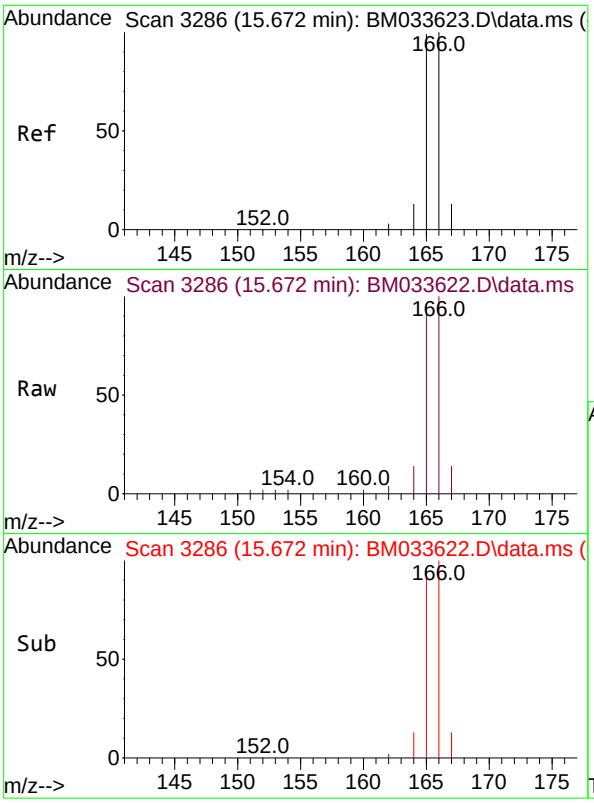


#11
Acenaphthene
Concen: 0.185 ng/ul
RT: 14.690 min Scan# 3027
Delta R.T. 0.000 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Tgt Ion:153 Resp: 4009

Ion	Ratio	Lower	Upper
153	100		
152	51.9	42.4	63.6
154	86.8	66.2	99.2



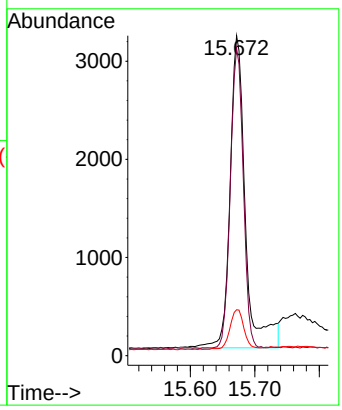


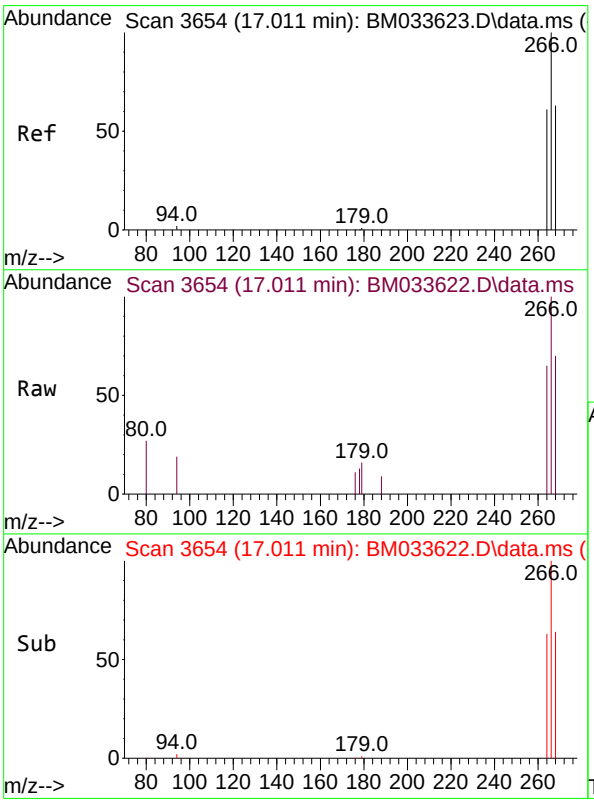
#12
Fluorene
Concen: 0.218 ng/ul
RT: 15.672 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Tgt Ion:166 Resp: 5241

Ion	Ratio	Lower	Upper
166	100		
165	96.1	81.1	121.7
167	14.3	14.9	22.3#

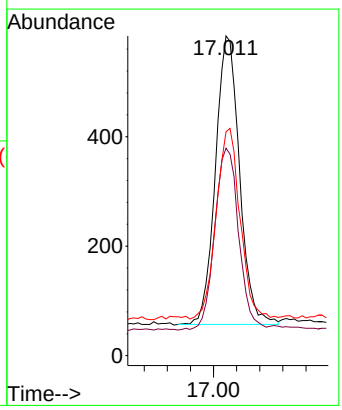


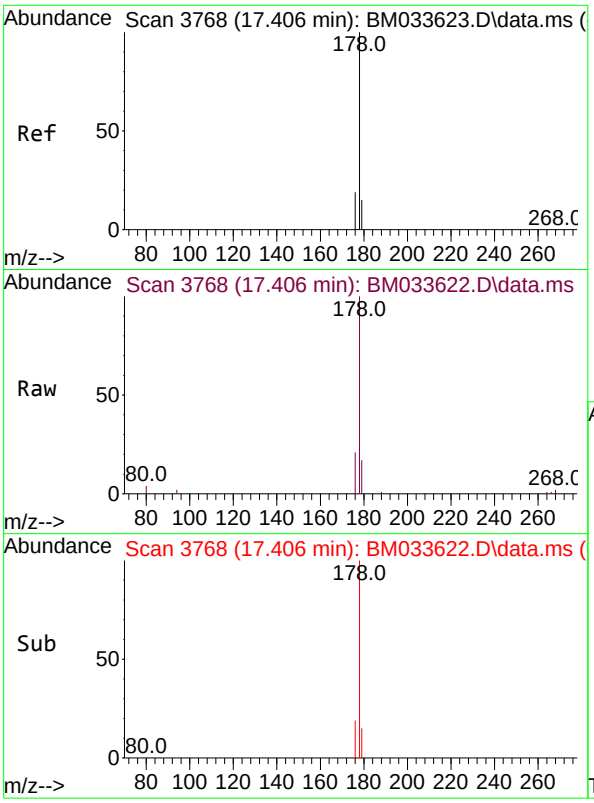


#14
Pentachlorophenol
Concen: 0.162 ng/ul
RT: 17.011 min Scan# 3654
Delta R.T. 0.000 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Tgt Ion:266 Resp: 765

Ion	Ratio	Lower	Upper
266	100		
264	64.6	51.4	77.0
268	65.2	53.1	79.7



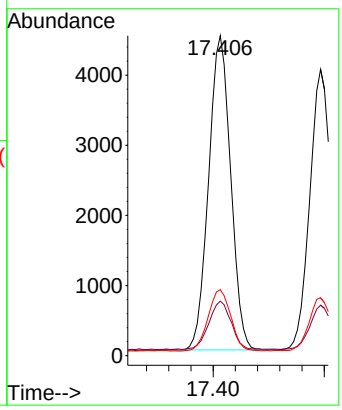


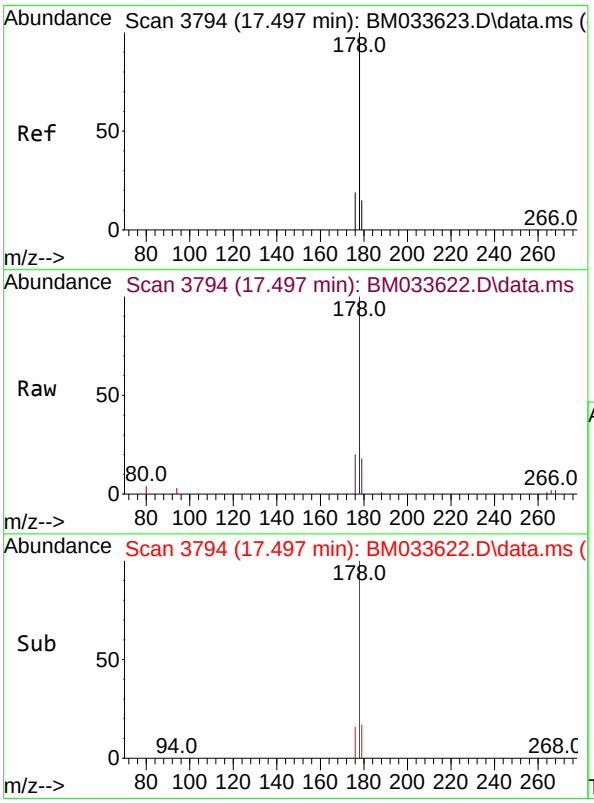
#15
Phenanthrene
Concen: 0.202 ng/ul
RT: 17.406 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Tgt Ion:178 Resp: 6178

Ion	Ratio	Lower	Upper
178	100		
179	17.0	15.0	22.6
176	20.7	17.9	26.9

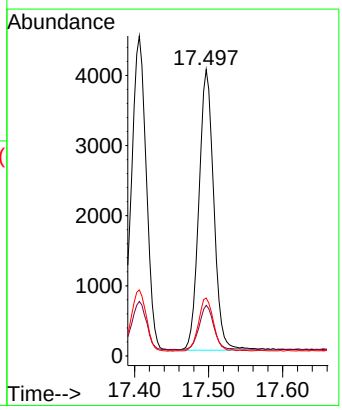


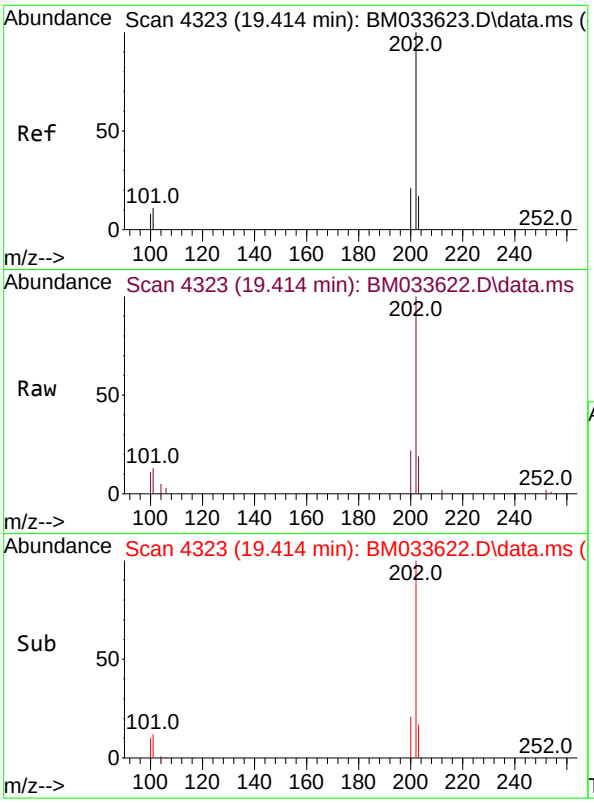


#16
Anthracene
Concen: 0.196 ng/ul
RT: 17.497 min Scan# 3794
Delta R.T. 0.000 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Tgt Ion:178 Resp: 5620

Ion	Ratio	Lower	Upper
178	100		
179	17.7	16.5	24.7
176	20.2	18.3	27.5



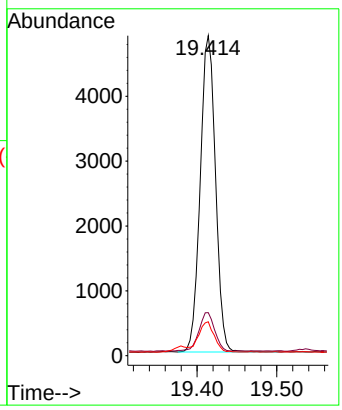


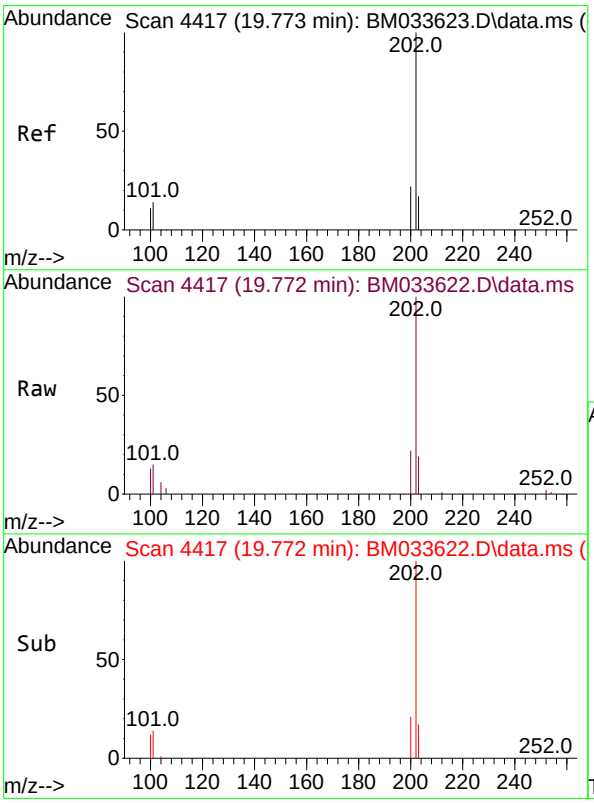
#19
Fluoranthene
Concen: 0.312 ng/ul
RT: 19.414 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Tgt Ion:202 Resp: 6485

Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.2	13.8
100	10.6	7.2	10.8

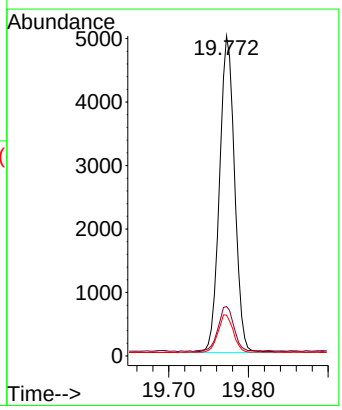


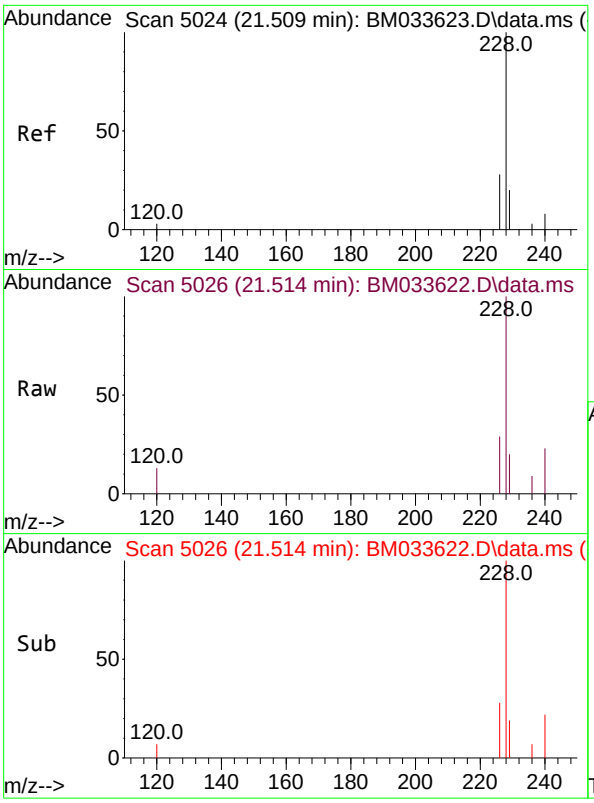


#20
Pyrene
Concen: 0.302 ng/ul
RT: 19.772 min Scan# 4417
Delta R.T. -0.000 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Tgt Ion:202 Resp: 6573

Ion	Ratio	Lower	Upper
202	100		
101	15.4	9.3	13.9#
100	12.8	7.8	11.6#



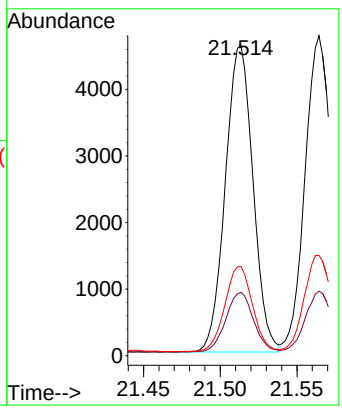


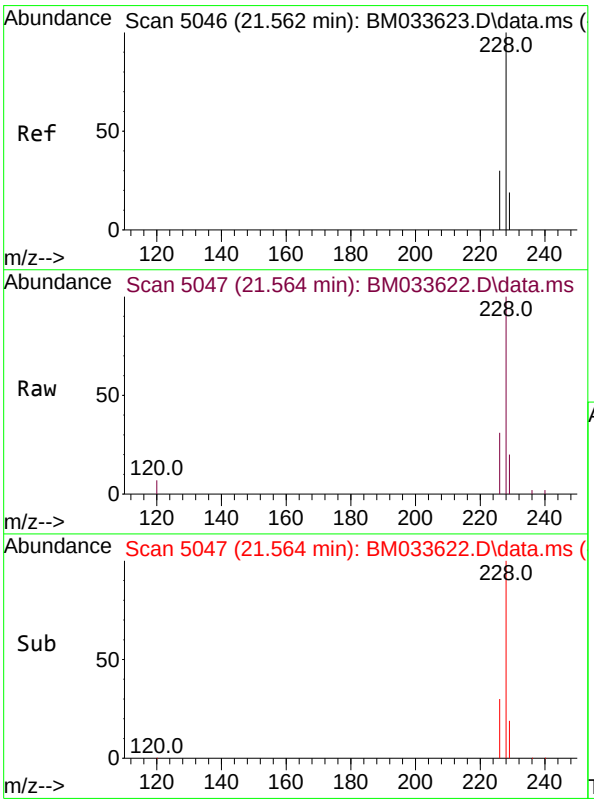
#21
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.514 min Scan# 5
Delta R.T. 0.005 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Tgt Ion:228 Resp: 5776

Ion	Ratio	Lower	Upper
228	100		
229	20.5	17.3	25.9
226	28.8	23.2	34.8

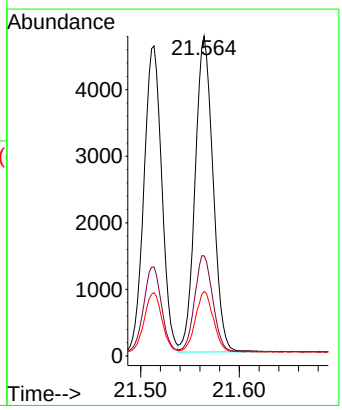


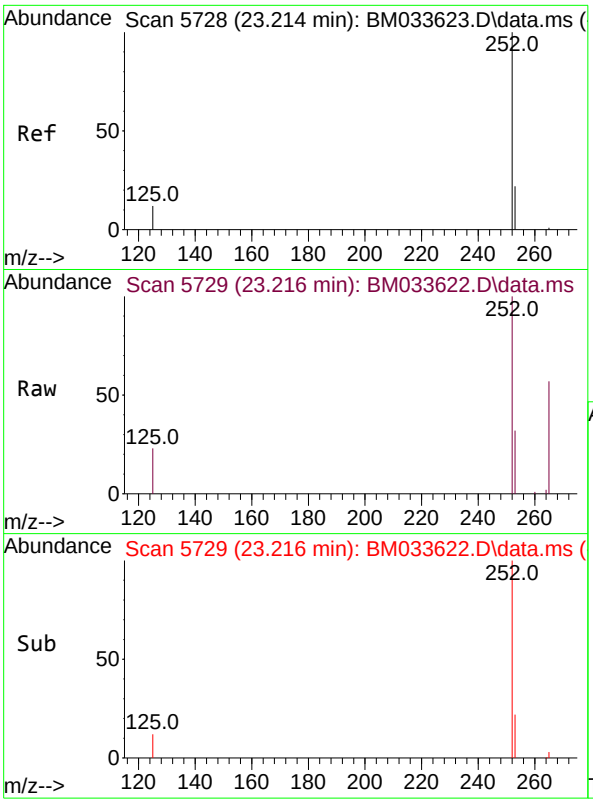


#22
Chrysene
Concen: 0.285 ng/ul
RT: 21.564 min Scan# 5047
Delta R.T. 0.002 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Tgt Ion:228 Resp: 5990

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.8	38.8
229	20.2	16.7	25.1



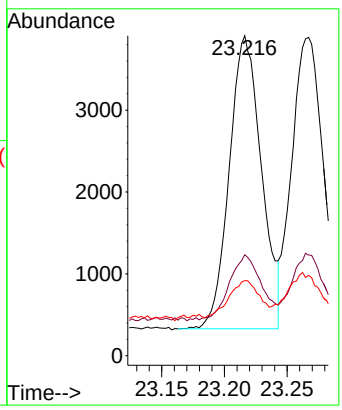


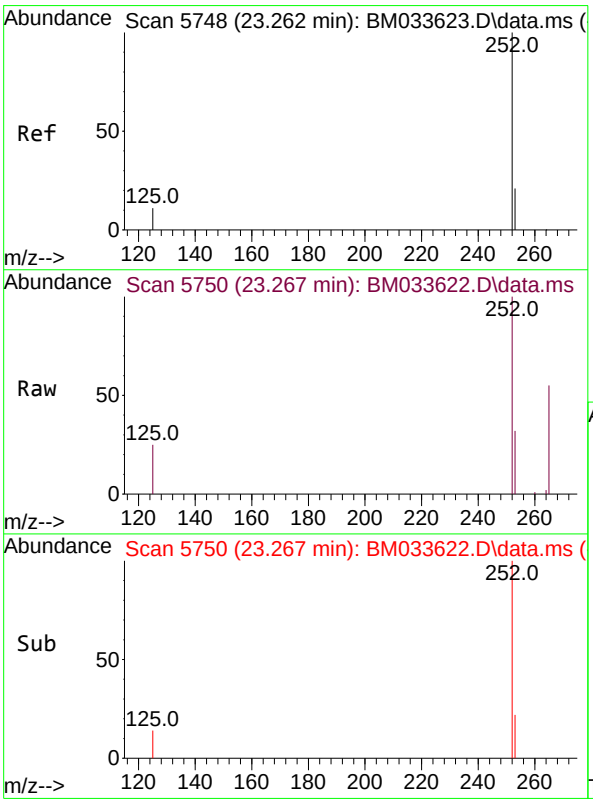
#24
Benzo(b)fluoranthene
Concen: 0.284 ng/ul
RT: 23.216 min Scan# 5
Delta R.T. 0.002 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Tgt Ion:252 Resp: 6388

Ion	Ratio	Lower	Upper
252	100		
253	31.5	0.0	64.2
125	23.5	0.0	28.8

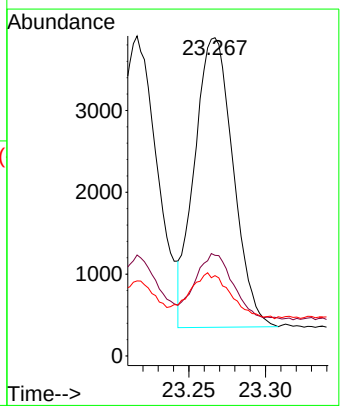


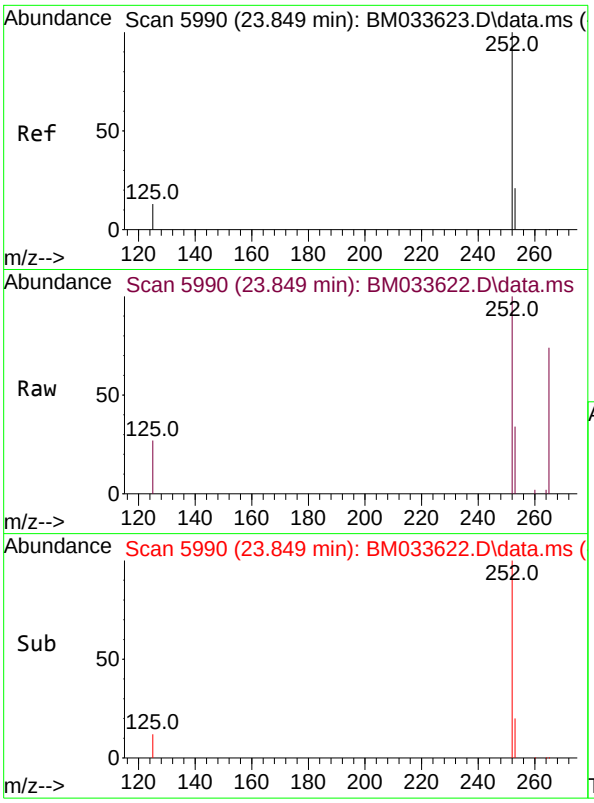


#25
Benzo(k)fluoranthene
Concen: 0.263 ng/ul
RT: 23.267 min Scan# 5750
Delta R.T. 0.005 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Tgt Ion:252 Resp: 6201

Ion	Ratio	Lower	Upper
252	100		
253	31.6	26.8	40.2
125	25.3	12.0	18.0#



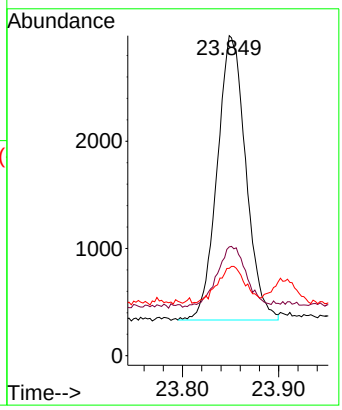


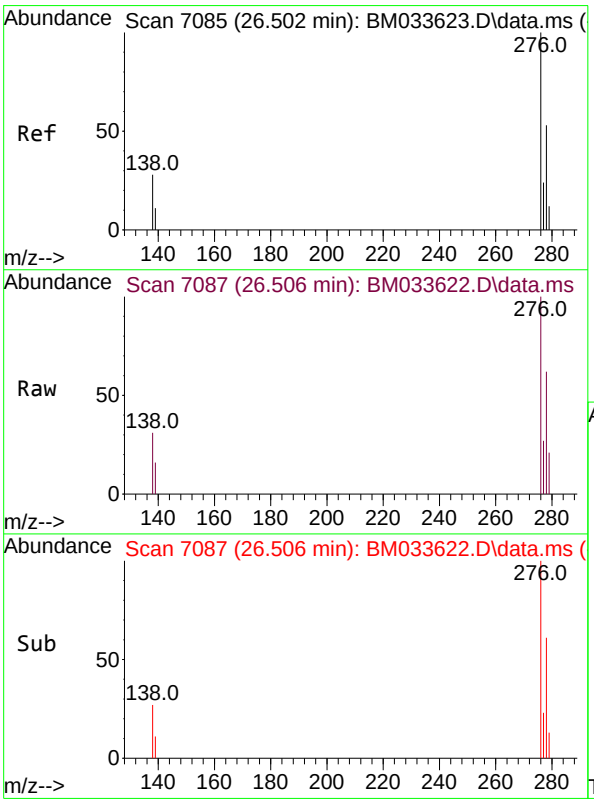
#26
Benzo(a)pyrene
Concen: 0.263 ng/ul
RT: 23.849 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Tgt Ion:252 Resp: 5477

Ion	Ratio	Lower	Upper
252	100		
253	34.0	32.0	48.0
125	27.3	14.5	21.7#

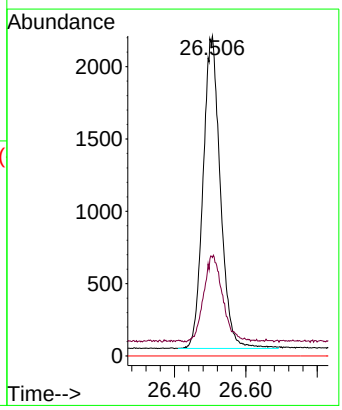


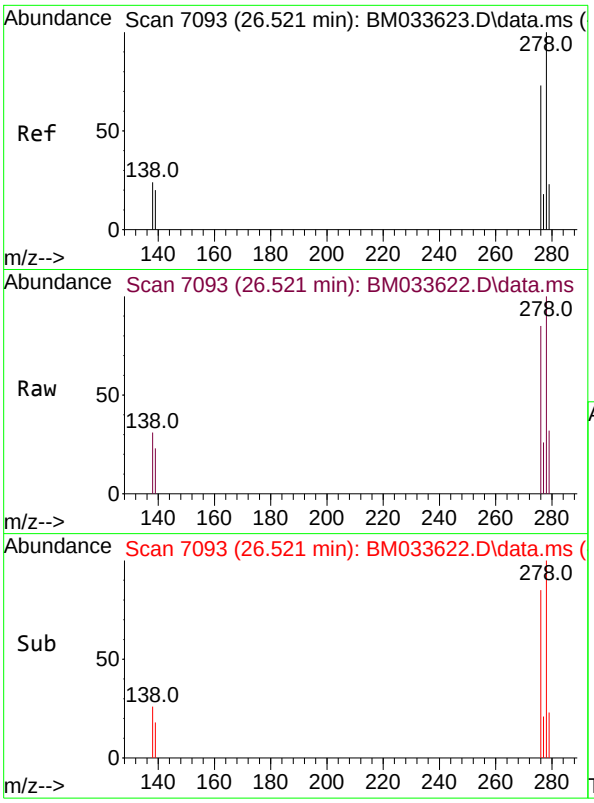


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.252 ng/ul
RT: 26.506 min Scan# 7087
Delta R.T. 0.005 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Tgt Ion:276 Resp: 7269

Ion	Ratio	Lower	Upper
276	100		
138	30.2	15.8	23.6#
227	0.0	0.0	0.0



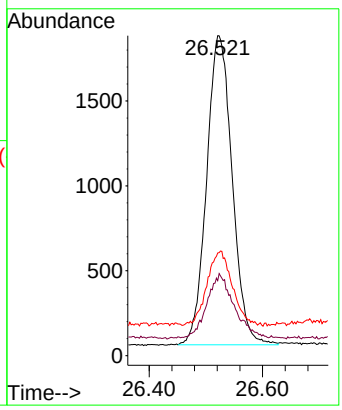


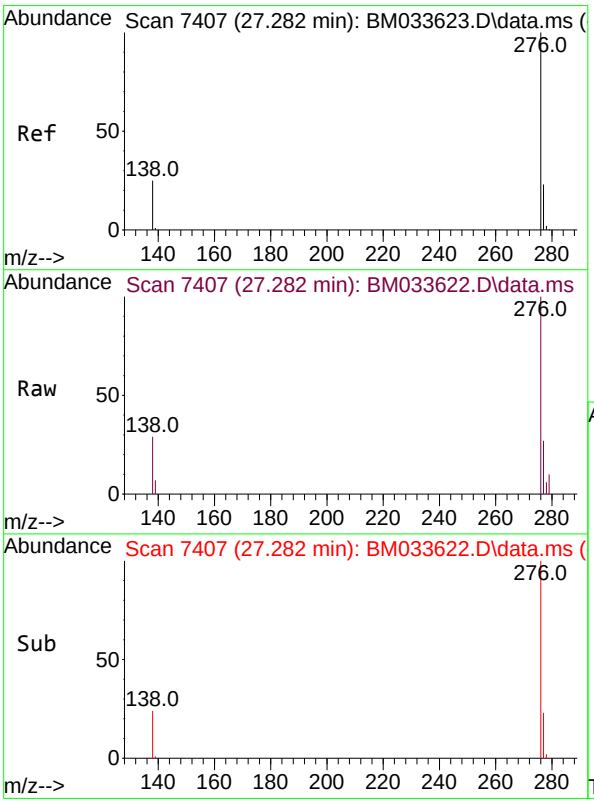
#28
Dibenzo(a,h)anthracene
Concen: 0.247 ng/ul
RT: 26.521 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Tgt Ion:278 Resp: 5709

Ion	Ratio	Lower	Upper
278	100		
139	23.4	18.0	27.0
279	32.1	28.6	42.8





#29
Benzo(g,h,i)perylene
Concen: 0.245 ng/ul
RT: 27.282 min Scan# 7407
Delta R.T. -0.000 min
Lab File: BM033622.D
Acq: 04 Jan 2022 12:59

Tgt Ion:276 Resp: 6247

Ion	Ratio	Lower	Upper
276	100		
138	28.7	17.4	26.0#
277	26.9	22.6	33.8