Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
Data File : BM037158.D
Acq On : 21 Oct 2022 04:36
Operator : CG/JU
Sample : PB148328BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS328

Quant Time: Oct 21 05:48:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 02:11:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	4428	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	13274	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.533	164	7549	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.275	188	16476	0.400	ng/ul	0.00
17) Chrysene-d12	21.450	240	12287	0.400	ng/ul	0.00
23) Perylene-d12	23.824	264	9442	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	3819	0.707	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	7231	0.383	ng/ul	0.00
18) Fluoranthene-d10	19.298	212	15606	0.420	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	9208	1.642	ng/ul	93
5) Naphthalene	10.754	128	14738	0.375	ng/ul	99
7) 2-Methylnaphthalene	12.365	142	9036	0.384	ng/ul	99
8) 1-Methylnaphthalene	12.585	142	9685	0.403	ng/ul	99
10) Acenaphthylene	14.256	152	12177	0.375	ng/ul	99
11) Acenaphthene	14.594	153	10663	0.364	ng/ul	97
12) Fluorene	15.579	166	12107	0.353	ng/ul	98
14) Pentachlorophenol	16.929	266	2321	0.582	ng/ul	98
15) Phenanthrene	17.313	178	20275	0.365	ng/ul	100
16) Anthracene	17.406	178	16643	0.378	ng/ul	99
19) Fluoranthene	19.326	202	22833	0.428	ng/ul	99
20) Pyrene	19.689	202	23380	0.432	ng/ul	98
21) Benzo(a)anthracene	21.433	228	19032	0.399	ng/ul	99
22) Chrysene	21.485	228	21383	0.390	ng/ul	99
24) Benzo(b)fluoranthene	23.099	252	20175	0.403	ng/ul	98
25) Benzo(k)fluoranthene	23.145	252	19223	0.398	ng/ul	98
26) Benzo(a)pyrene	23.718	252	16276	0.405	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.276	276	18966	0.338	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.296	278	14855	0.336	ng/ul	99
29) Benzo(g,h,i)perylene	27.040	276	16026	0.325	ng/ul	99

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

Quantitation Report (QT Reviewed)

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Data File : BM037158.D
Acq On : 21 Oct 2022 04:36
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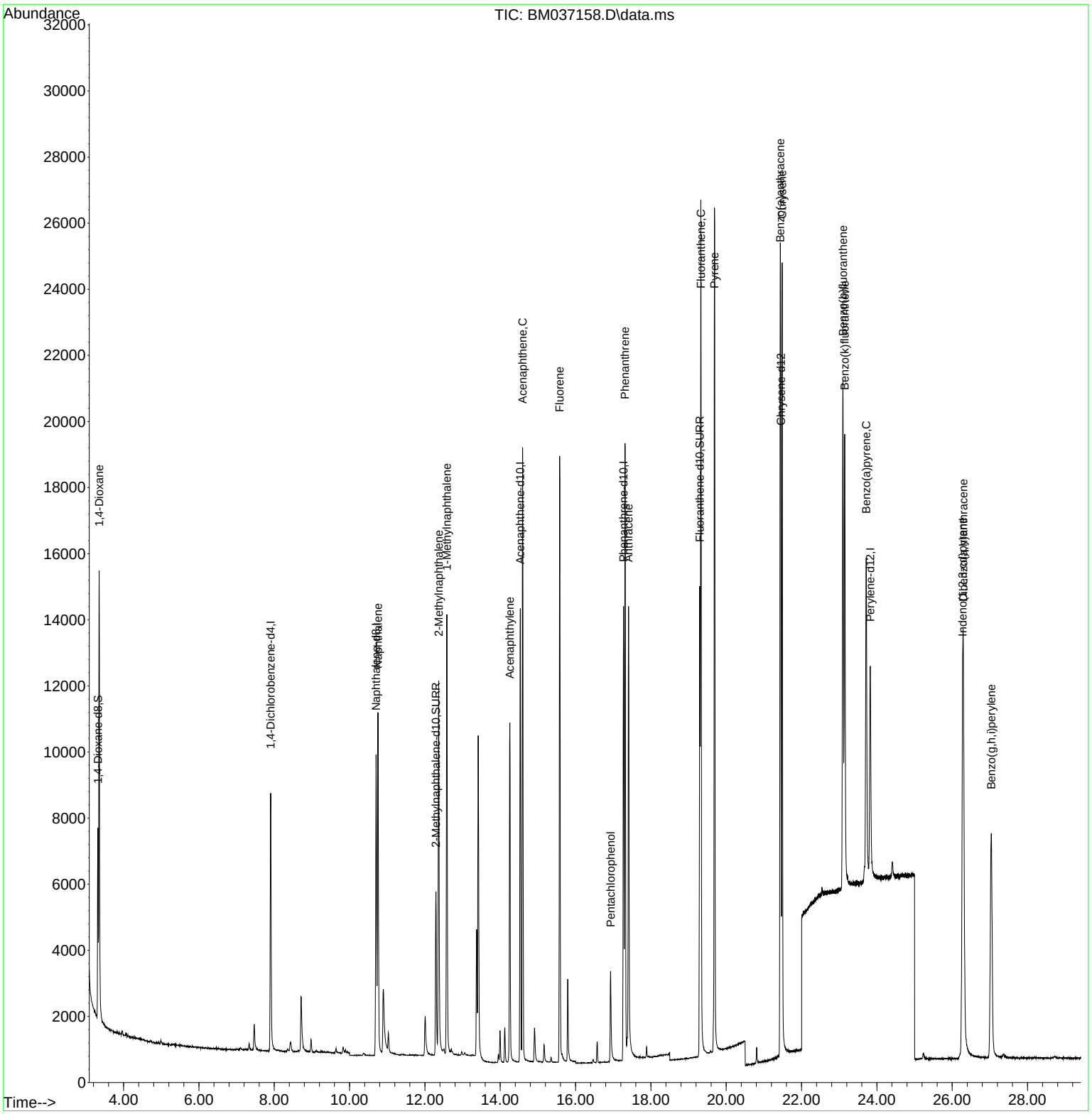
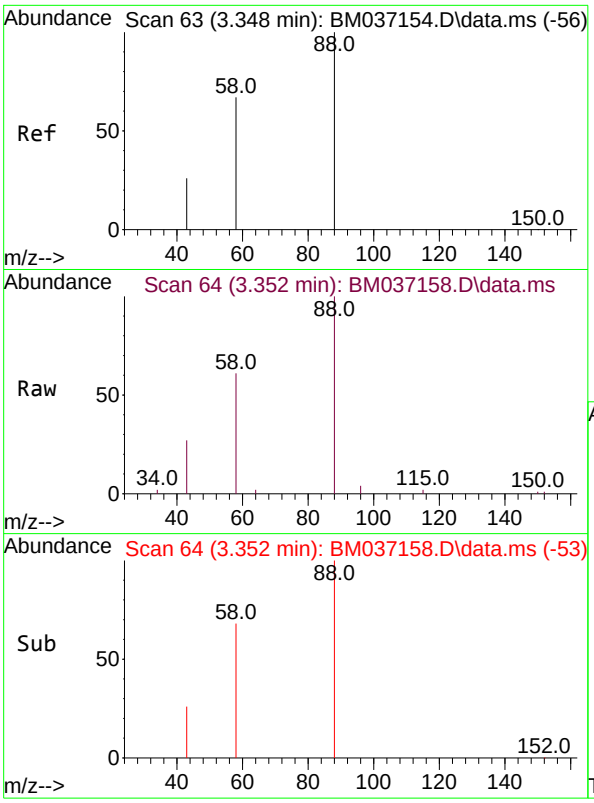
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 02:11:25 2022
Response via : Initial Calibration



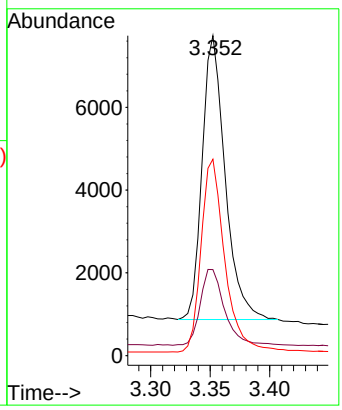


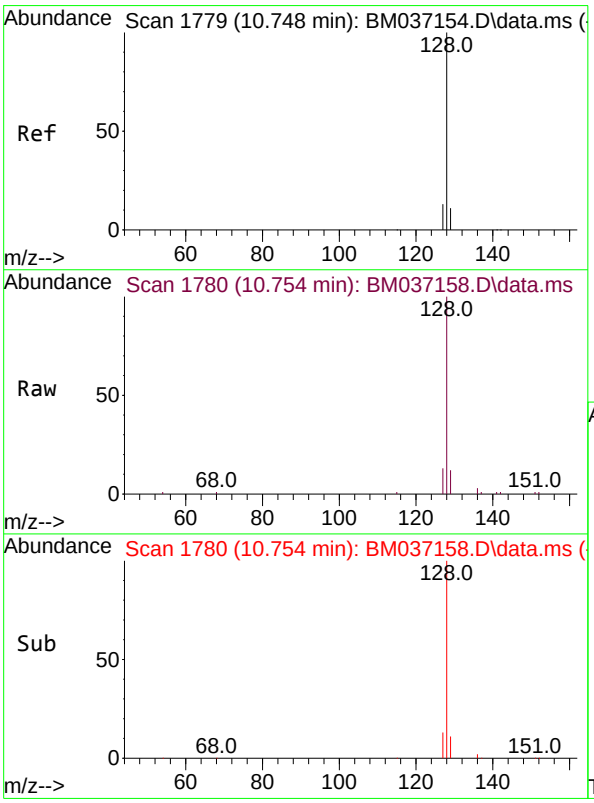
#2
1,4-Dioxane
Concen: 1.642 ng/ul
RT: 3.352 min Scan# 64
Delta R.T. -0.004 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS328

Tgt Ion: 88 Resp: 9208

Ion	Ratio	Lower	Upper
88	100		
43	26.9	25.5	38.3
58	61.4	45.8	68.6

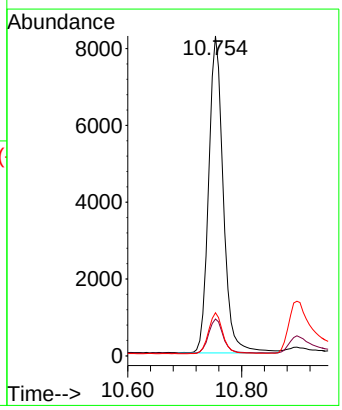


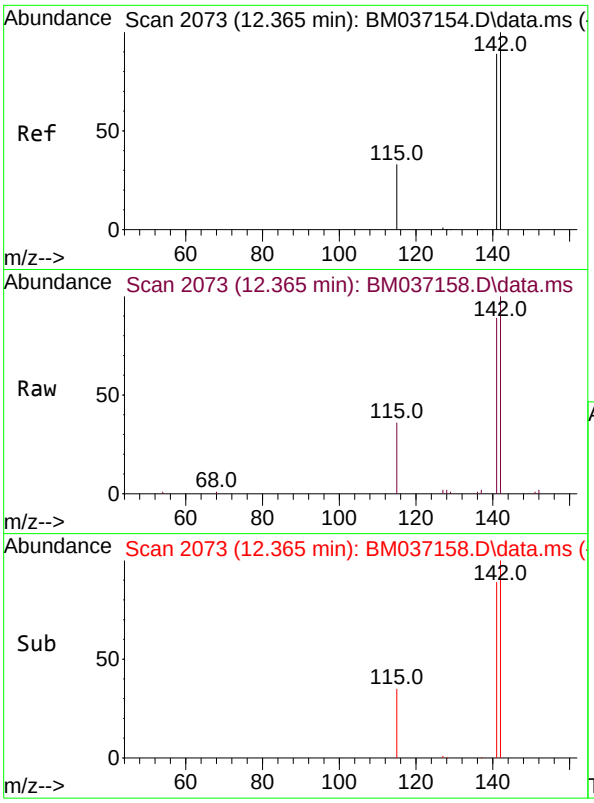


#5
Naphthalene
Concen: 0.375 ng/ul
RT: 10.754 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Tgt Ion:128 Resp: 14738

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.5	10.5	15.7



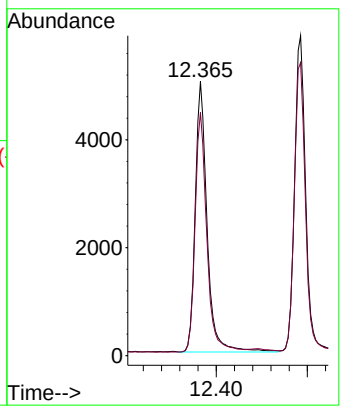


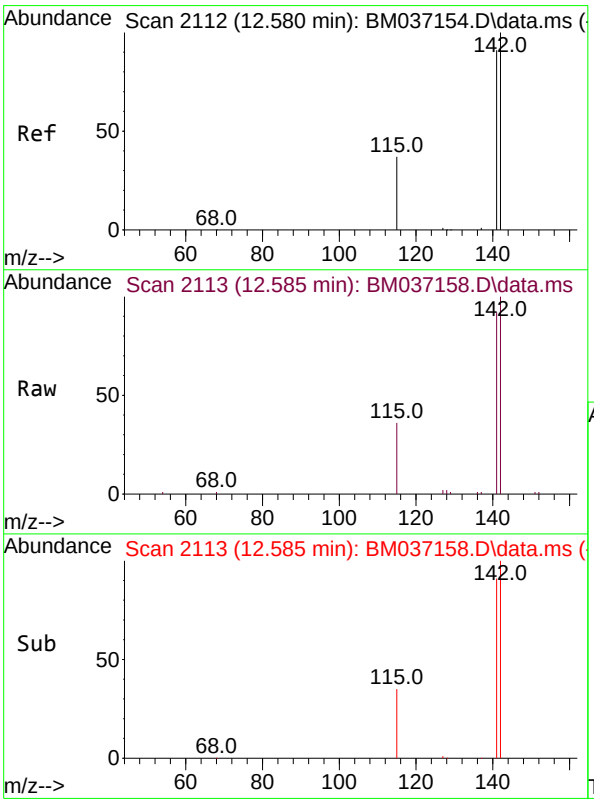
#7
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.365 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS328

Tgt Ion:142 Resp: 9036

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.8	109.2

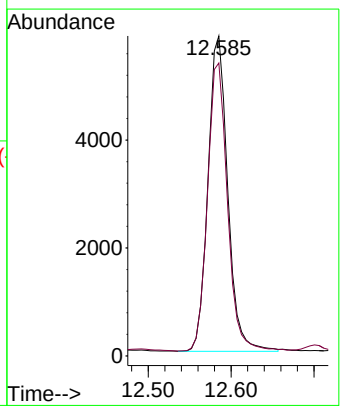


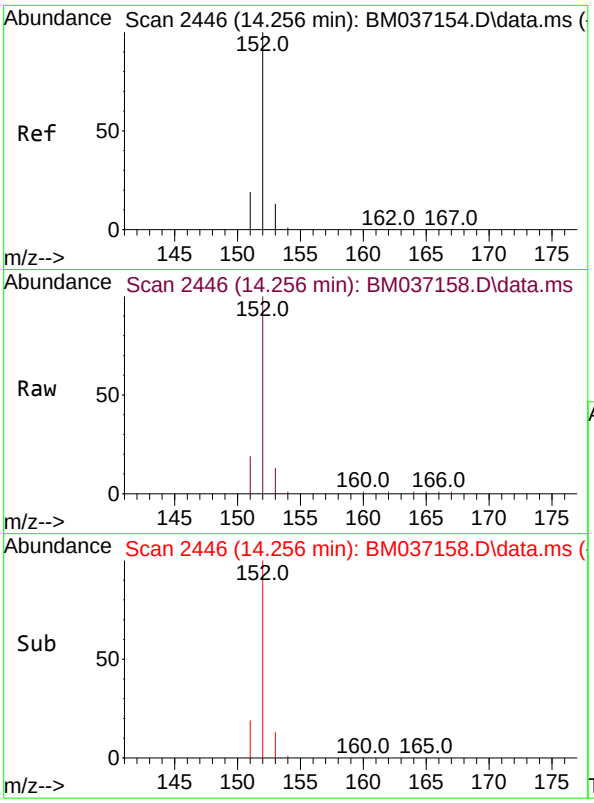


#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Tgt Ion:142 Resp: 9685

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.2	111.4



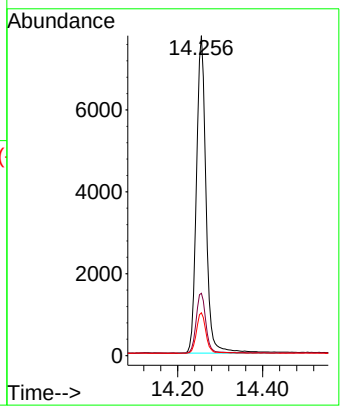


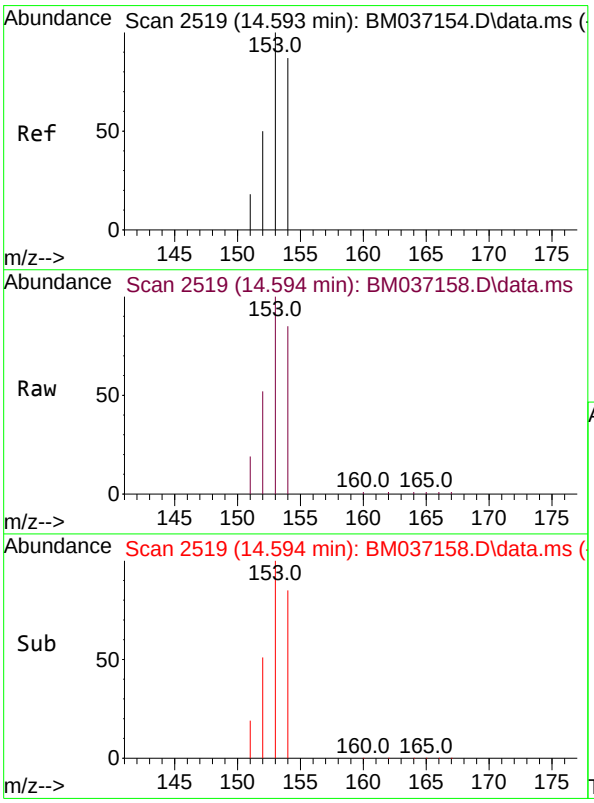
#10
Acenaphthylene
Concen: 0.375 ng/ul
RT: 14.256 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS328

Tgt Ion:152 Resp: 12177

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.2
153	13.4	10.8	16.2

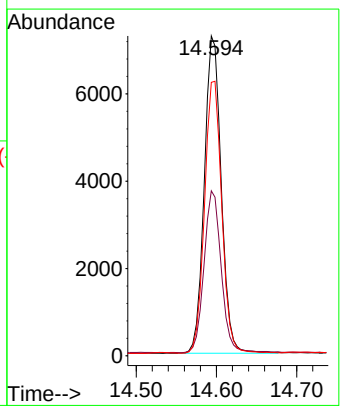


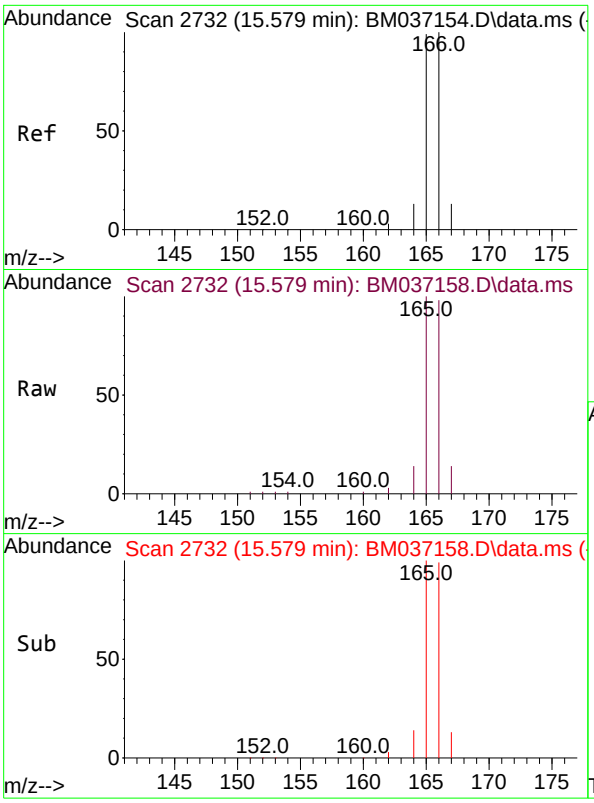


#11
Acenaphthene
Concen: 0.364 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. -0.005 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Tgt Ion:153 Resp: 10663

Ion	Ratio	Lower	Upper
153	100		
152	51.6	43.3	64.9
154	85.5	70.0	105.0



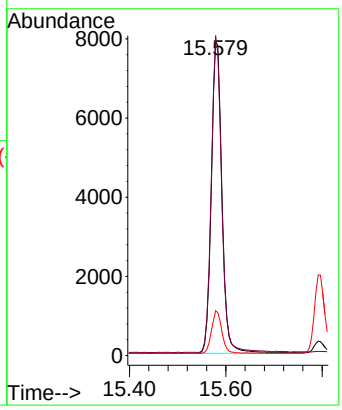


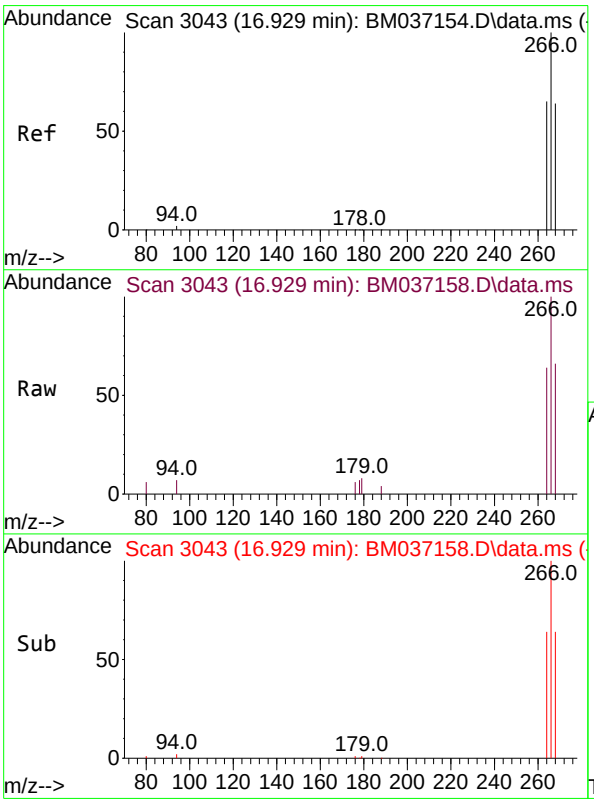
#12
Fluorene
Concen: 0.353 ng/ul
RT: 15.579 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS328

Tgt Ion:166 Resp: 12107

Ion	Ratio	Lower	Upper
166	100		
165	101.6	79.4	119.2
167	14.2	11.3	16.9

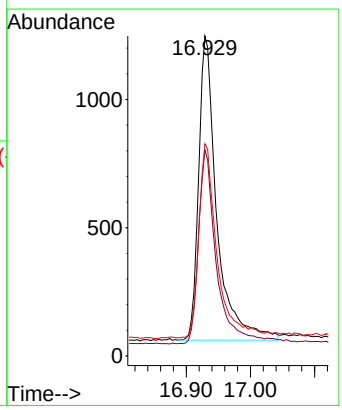


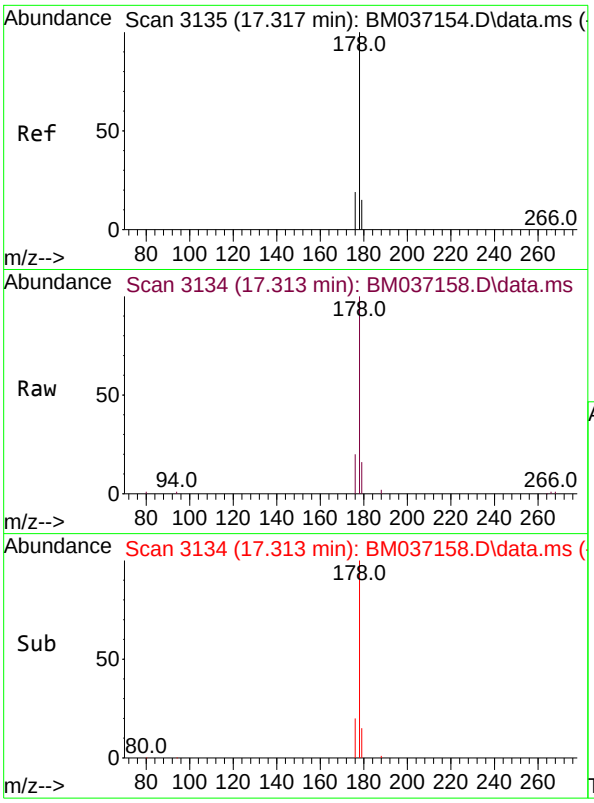


#14
Pentachlorophenol
Concen: 0.582 ng/ul
RT: 16.929 min Scan# 3043
Delta R.T. -0.008 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Tgt Ion:266 Resp: 2321

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.4	74.0
268	64.9	50.5	75.7



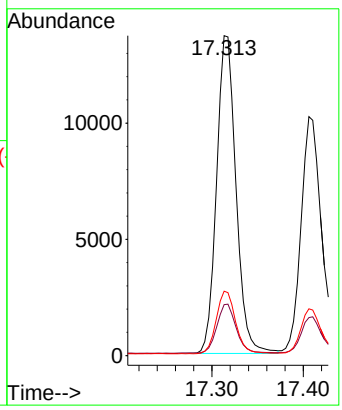


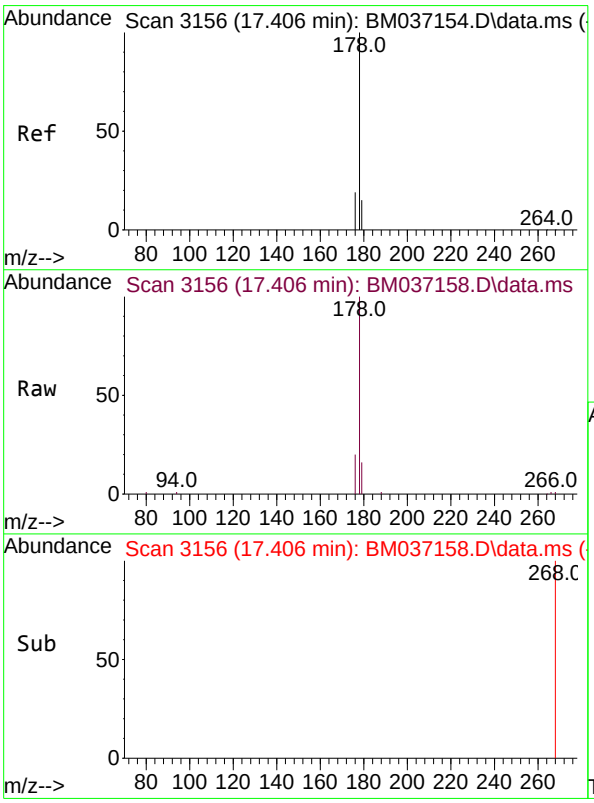
#15
Phenanthrene
Concen: 0.365 ng/ul
RT: 17.313 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS328

Tgt Ion:178 Resp: 20275

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.6
176	20.1	16.1	24.1

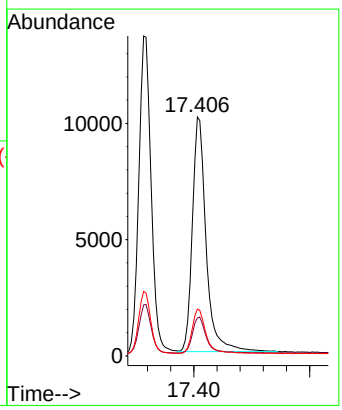


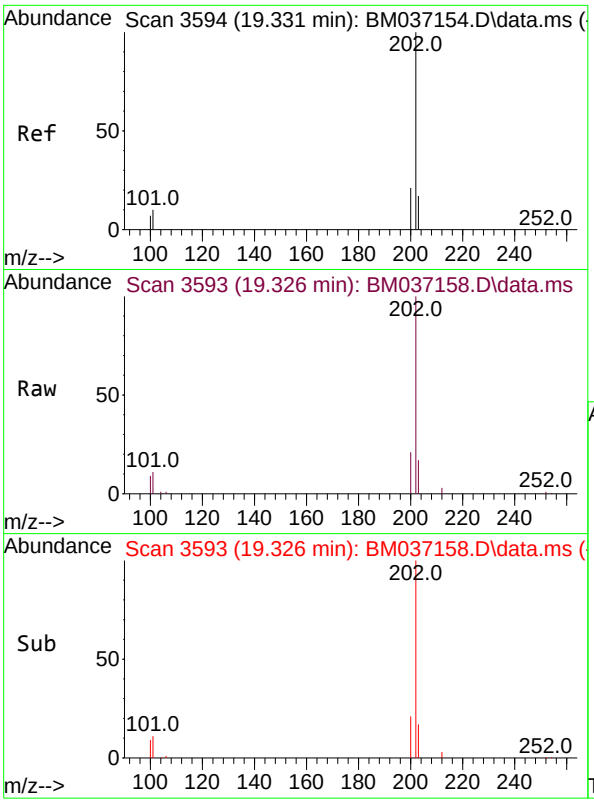


#16
Anthracene
Concen: 0.378 ng/ul
RT: 17.406 min Scan# 3156
Delta R.T. -0.008 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Tgt Ion:178 Resp: 16643

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.1	19.7
176	19.6	15.3	22.9



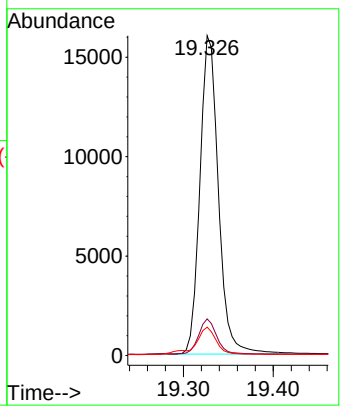


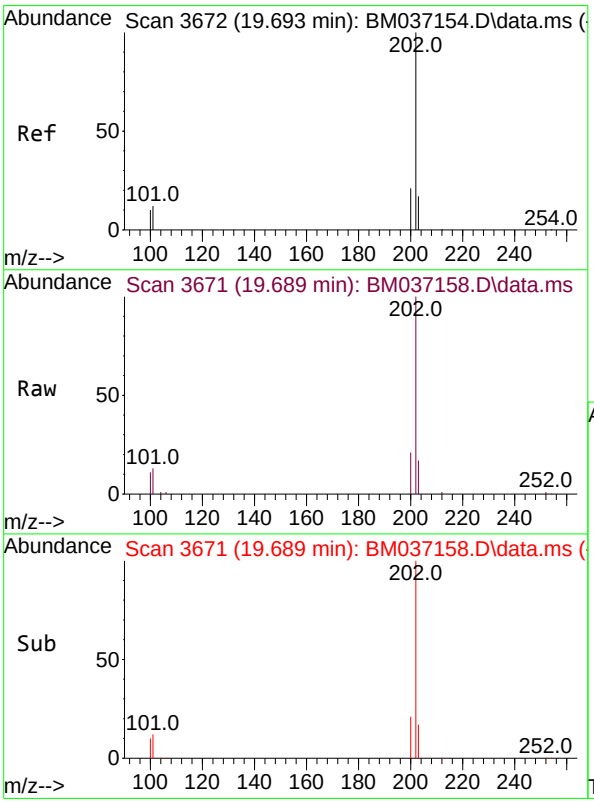
#19
Fluoranthene
Concen: 0.428 ng/ul
RT: 19.326 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS328

Tgt Ion:202 Resp: 22833

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.9	13.3
100	8.9	6.9	10.3

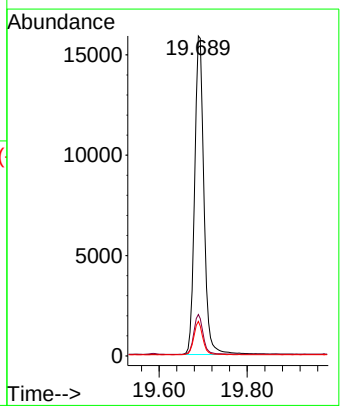


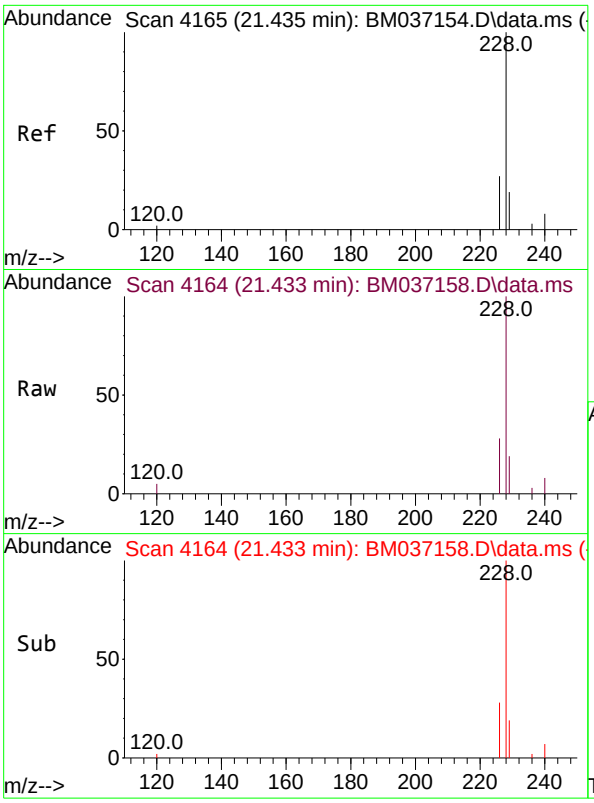


#20
Pyrene
Concen: 0.432 ng/ul
RT: 19.689 min Scan# 3671
Delta R.T. -0.009 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Tgt Ion:202 Resp: 23380

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.7	14.5
100	10.8	7.8	11.8



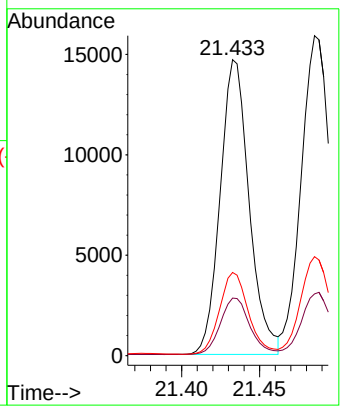


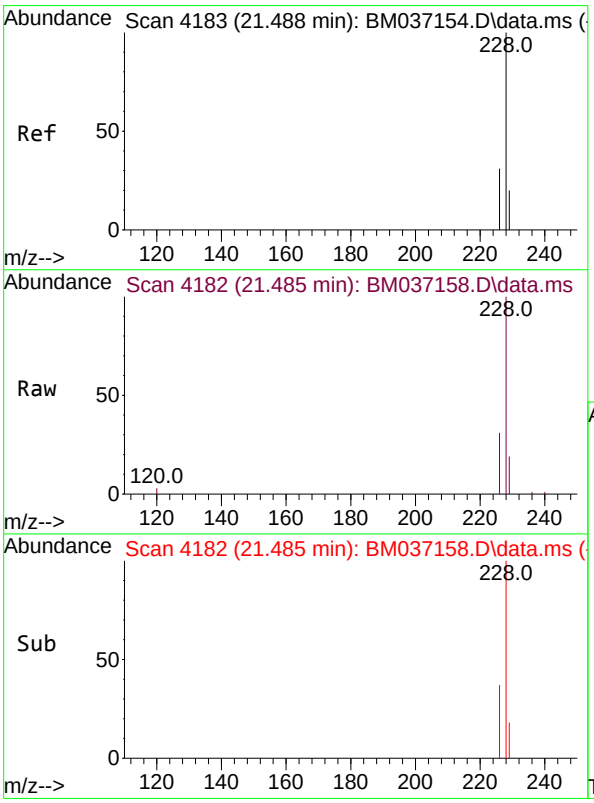
#21
Benzo(a)anthracene
Concen: 0.399 ng/ul
RT: 21.433 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS328

Tgt Ion:228 Resp: 19032

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.8	23.6
226	28.1	21.8	32.8

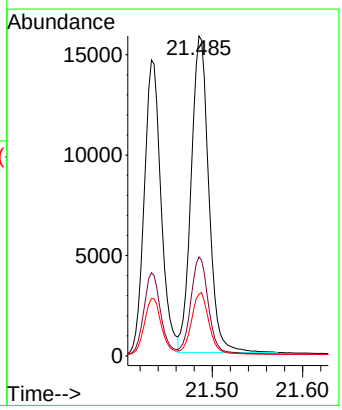


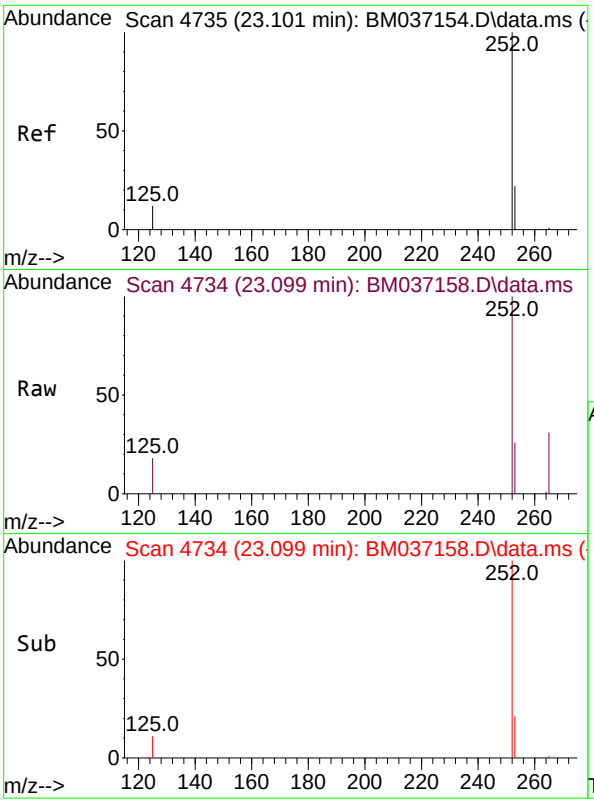


#22
Chrysene
Concen: 0.390 ng/ul
RT: 21.485 min Scan# 4182
Delta R.T. -0.006 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Tgt Ion:228 Resp: 21383

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.8	37.2
229	19.3	16.0	24.0



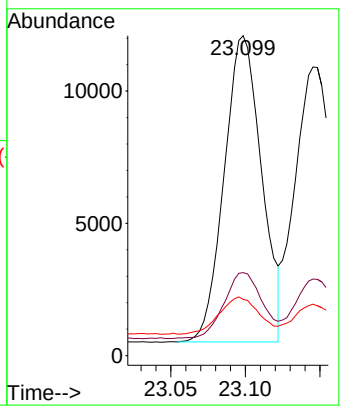


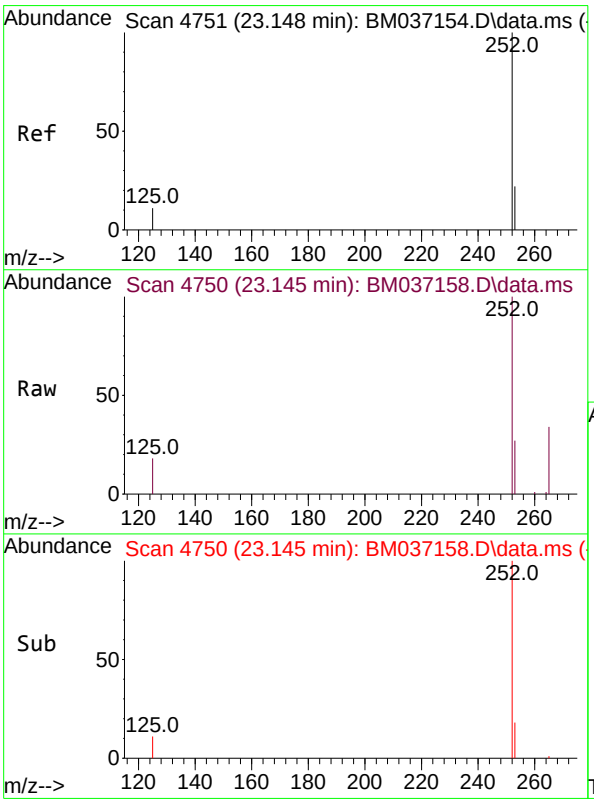
#24
Benzo(b)fluoranthene
Concen: 0.403 ng/ul
RT: 23.099 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS328

Tgt Ion:252 Resp: 20175

Ion	Ratio	Lower	Upper
252	100		
253	25.9	0.0	50.6
125	17.6	0.0	32.6

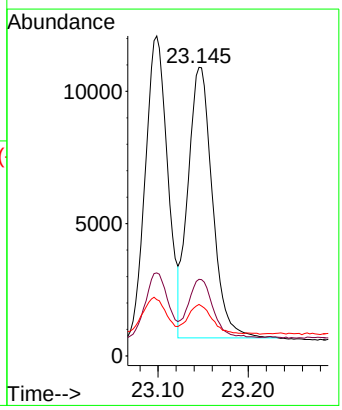


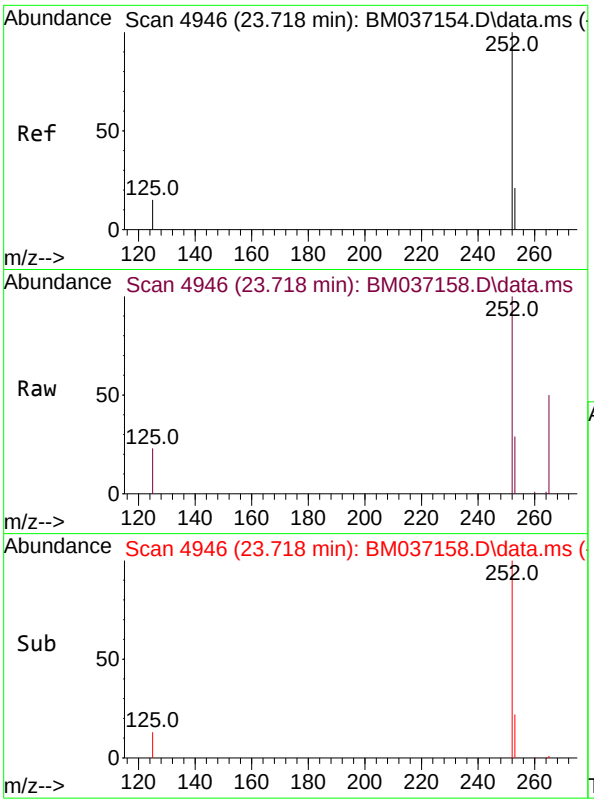


#25
Benzo(k)fluoranthene
Concen: 0.398 ng/ul
RT: 23.145 min Scan# 4750
Delta R.T. -0.012 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Tgt Ion:252 Resp: 19223

Ion	Ratio	Lower	Upper
252	100		
253	26.5	20.6	30.8
125	17.8	13.3	19.9



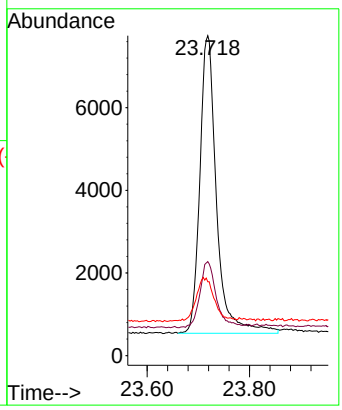


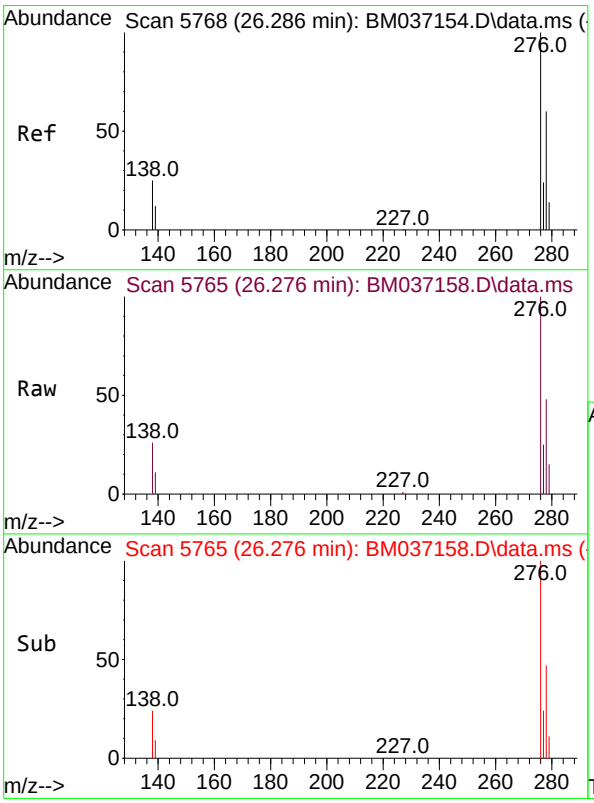
#26
Benzo(a)pyrene
Concen: 0.405 ng/ul
RT: 23.718 min Scan# 49
Delta R.T. -0.012 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS328

Tgt Ion:252 Resp: 16276

Ion	Ratio	Lower	Upper
252	100		
253	29.4	22.1	33.1
125	23.1	17.6	26.4

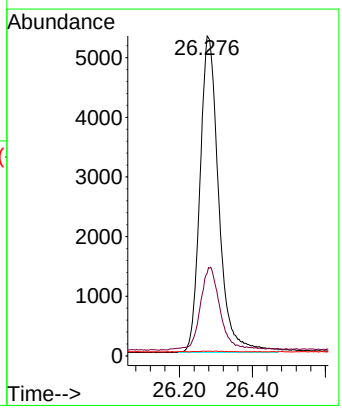


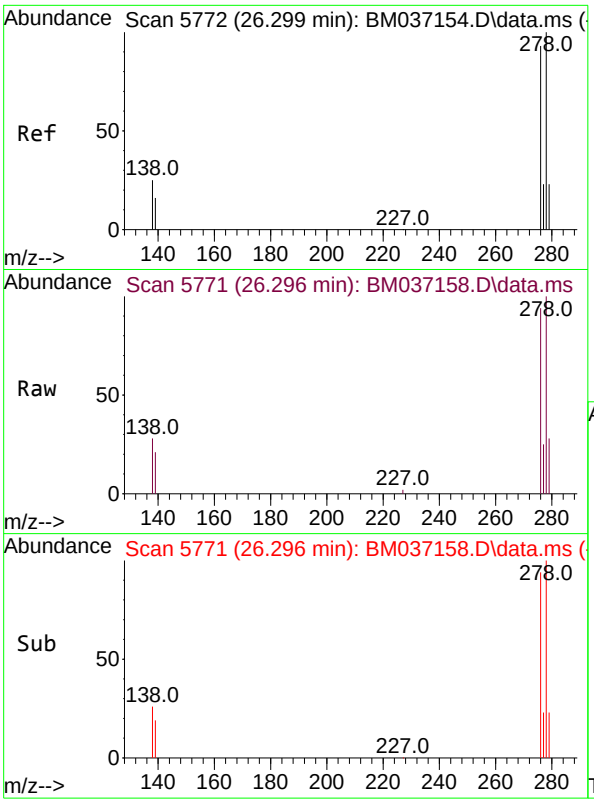


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.338 ng/ul
RT: 26.276 min Scan# 5765
Delta R.T. -0.023 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Tgt Ion:276 Resp: 18966

Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.4	32.0
227	0.1	0.1	0.1#



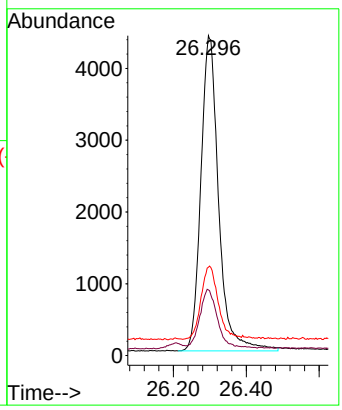


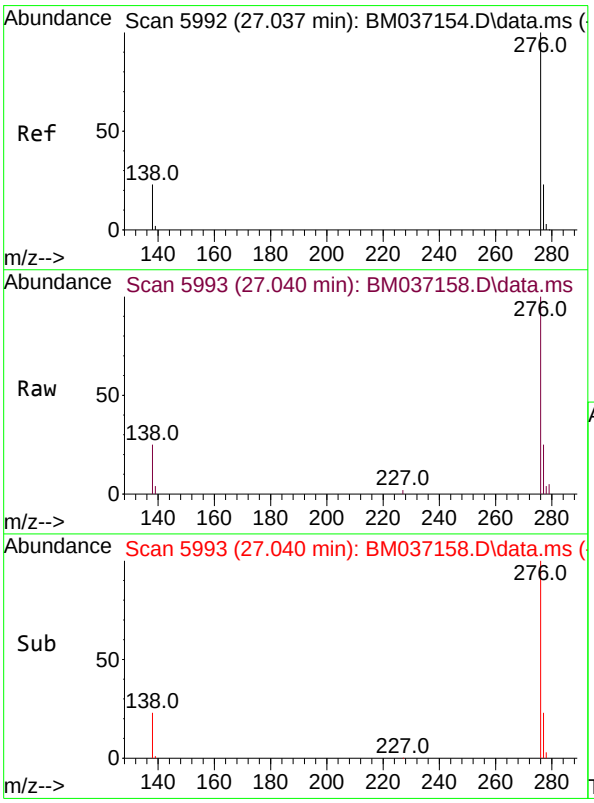
#28
Dibenzo(a,h)anthracene
Concen: 0.336 ng/ul
RT: 26.296 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Instrument :
BNA_M
ClientSampleId :
SLCS328

Tgt Ion:278 Resp: 14855

Ion	Ratio	Lower	Upper
278	100		
139	20.5	16.3	24.5
279	27.6	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.325 ng/ul
RT: 27.040 min Scan# 5993
Delta R.T. -0.017 min
Lab File: BM037158.D
Acq: 21 Oct 2022 04:36

Tgt Ion:276 Resp: 16026

Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.8	29.8
277	25.2	20.1	30.1