Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101922\
Data File : BM037147.D
Acq On : 19 Oct 2022 11:43
Operator : CG/JU
Sample : SSTD0.274
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2030

Quant Time: Oct 20 02:00:17 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 01:35:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.909	152	3777	0.400	ng/ul	0.00
4) Naphthalene-d8	10.710	136	10726	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.538	164	5431	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.279	188	12276	0.400	ng/ul	0.00
17) Chrysene-d12	21.456	240	10498	0.400	ng/ul	0.00
23) Perylene-d12	23.838	264	9475	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	947	0.178	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.299	152	2997	0.185	ng/ul	0.00
18) Fluoranthene-d10	19.303	212	6375	0.203	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	999	0.192	ng/ul	92
5) Naphthalene	10.759	128	6340	0.207	ng/ul	98
7) 2-Methylnaphthalene	12.371	142	3694	0.197	ng/ul	99
8) 1-Methylnaphthalene	12.591	142	3801	0.200	ng/ul	99
10) Acenaphthylene	14.260	152	4638	0.205	ng/ul	97
11) Acenaphthene	14.598	153	4216	0.215	ng/ul	98
12) Fluorene	15.588	166	4866	0.219	ng/ul	98
14) Pentachlorophenol	16.942	266	505	0.170	ng/ul	98
15) Phenanthrene	17.322	178	8176	0.209	ng/ul	99
16) Anthracene	17.414	178	6220	0.190	ng/ul	96
19) Fluoranthene	19.336	202	8985	0.215	ng/ul	99
20) Pyrene	19.698	202	9360	0.215	ng/ul	99
21) Benzo(a)anthracene	21.441	228	7916	0.209	ng/ul	99
22) Chrysene	21.494	228	9482	0.233	ng/ul	99
24) Benzo(b)fluoranthene	23.110	252	9772	0.231	ng/ul	89
25) Benzo(k)fluoranthene	23.157	252	9745	0.236	ng/ul#	90
26) Benzo(a)pyrene	23.727	252	8096	0.236	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.299	276	10885	0.224	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.323	278	8523	0.217	ng/ul	96
29) Benzo(g,h,i)perylene	27.057	276	9646	0.225	ng/ul	98

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

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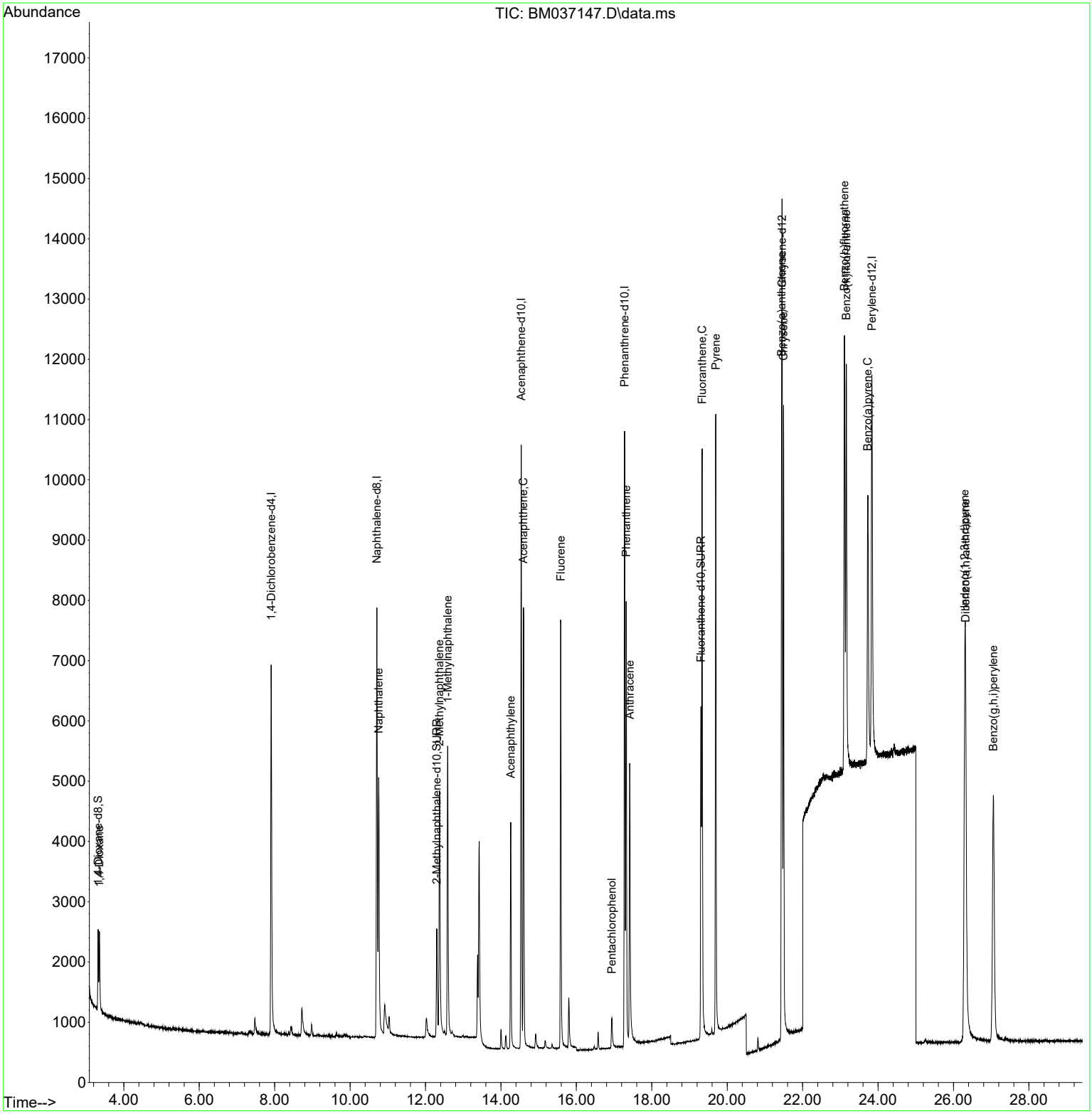
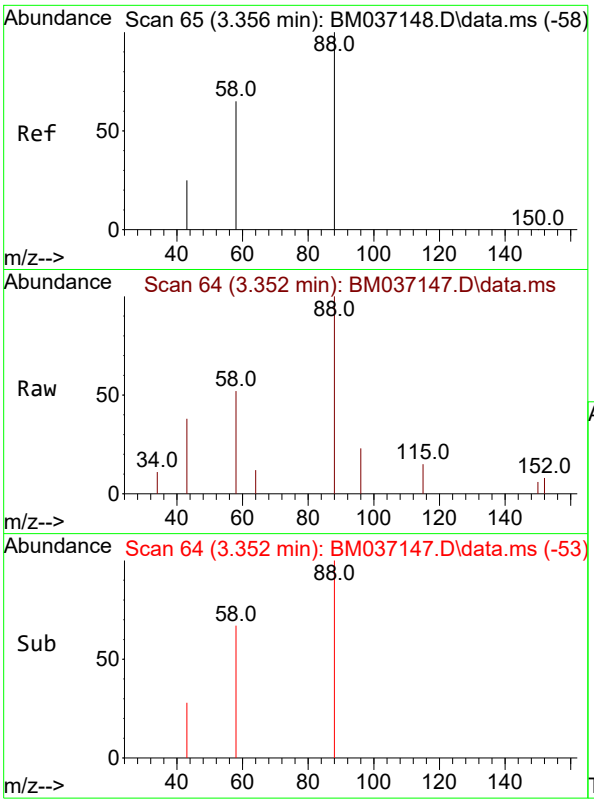


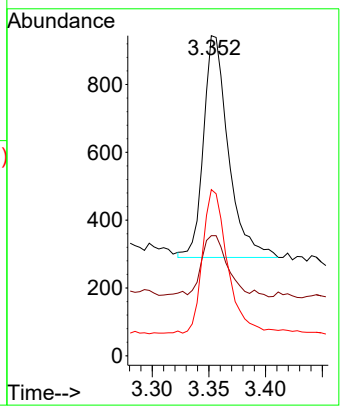


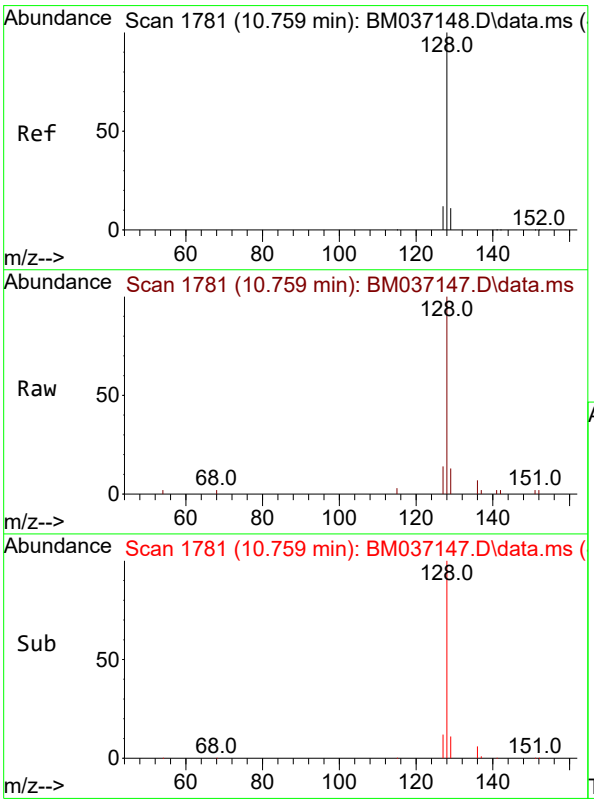
#2
1,4-Dioxane
Concen: 0.192 ng/ul
RT: 3.352 min Scan# 64
Delta R.T. -0.004 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.2030

Tgt Ion: 88 Resp: 999

Ion	Ratio	Lower	Upper
88	100		
43	37.5	25.5	38.3
58	51.9	45.8	68.6

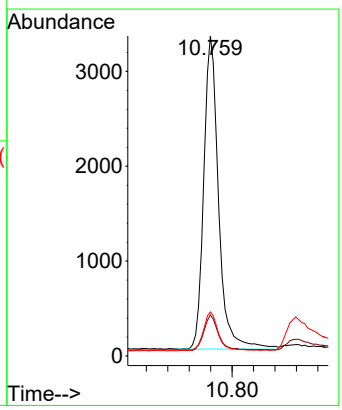


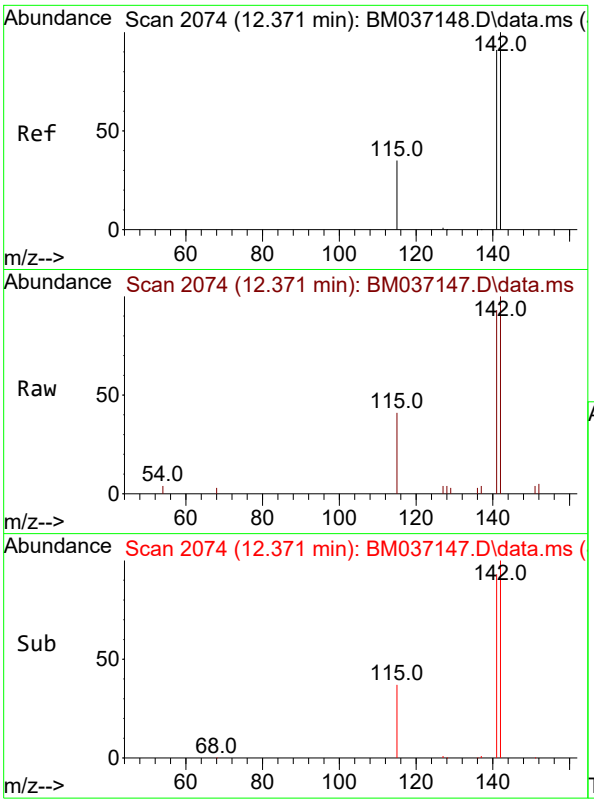


#5
Naphthalene
Concen: 0.207 ng/ul
RT: 10.759 min Scan# 1781
Delta R.T. -0.000 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Tgt Ion:128 Resp: 6340

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.3	13.9
127	13.8	10.5	15.7



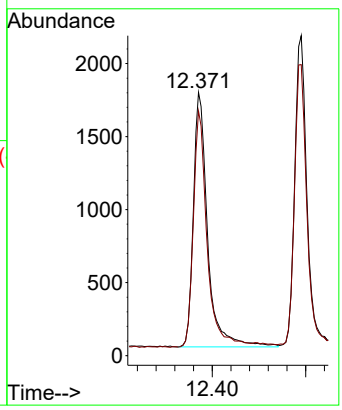


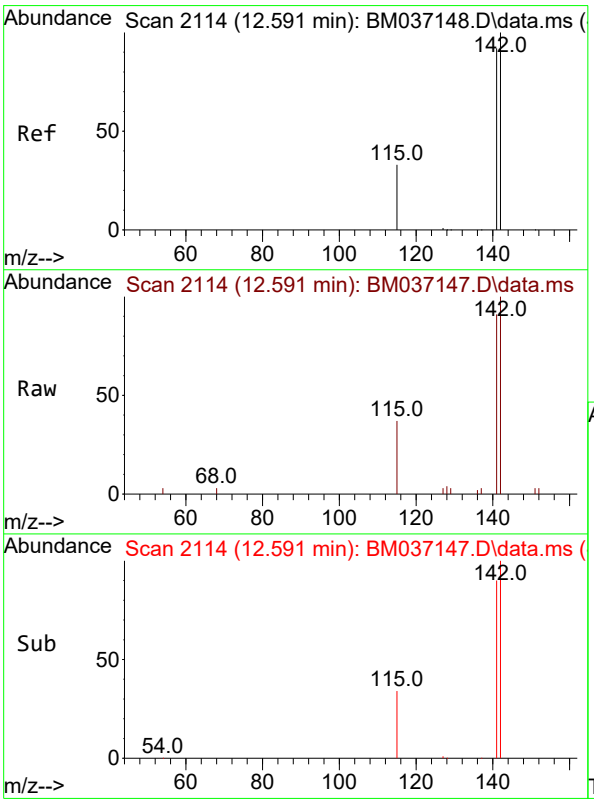
#7
2-Methylnaphthalene
Concen: 0.197 ng/ul
RT: 12.371 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.2030

Tgt Ion:142 Resp: 3694

Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.8	109.2

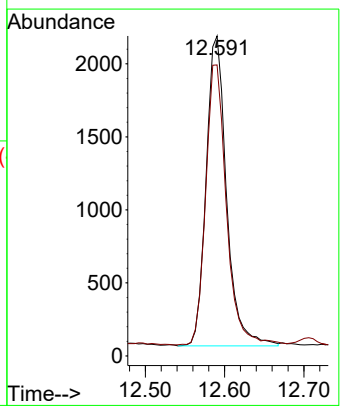


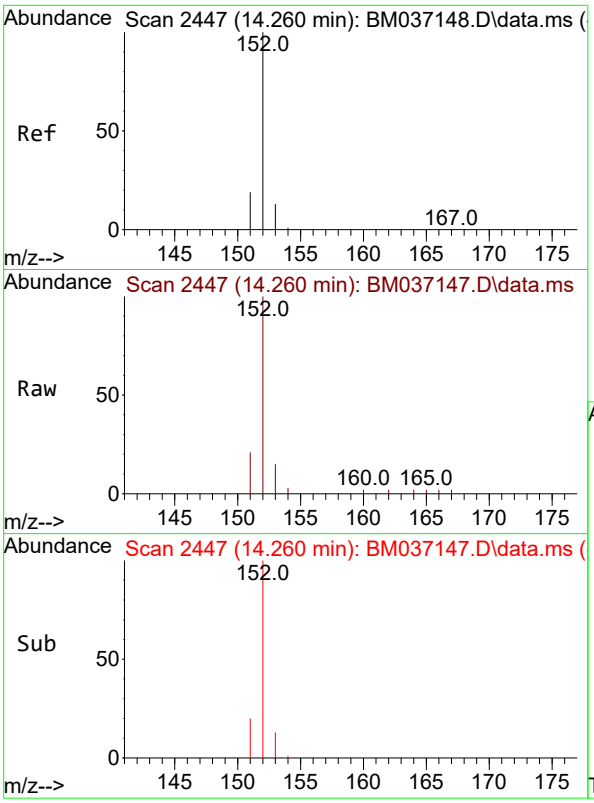


#8
1-Methylnaphthalene
Concen: 0.200 ng/ul
RT: 12.591 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Tgt Ion:142 Resp: 3801

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.4



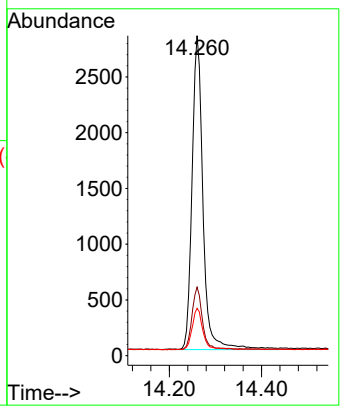


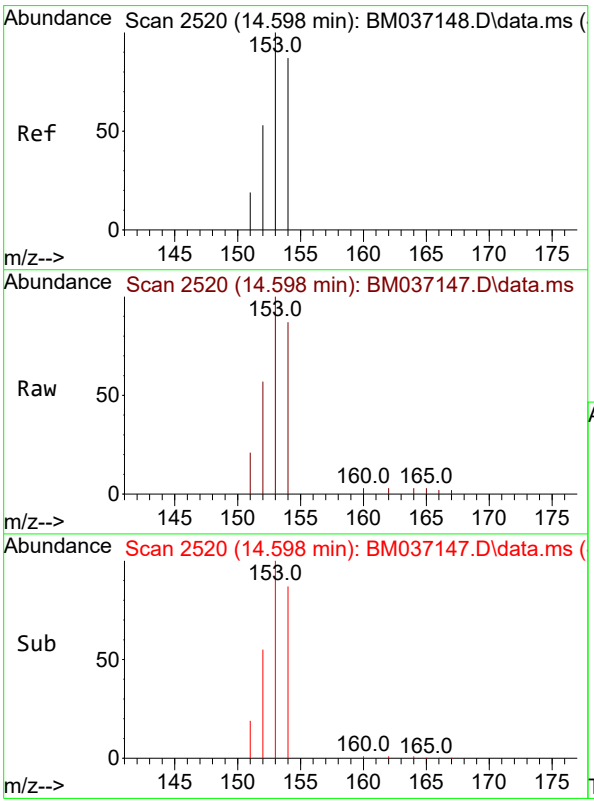
#10
Acenaphthylene
Concen: 0.205 ng/ul
RT: 14.260 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.2030

Tgt Ion:152 Resp: 4638

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.2	24.2
153	14.8	10.8	16.2

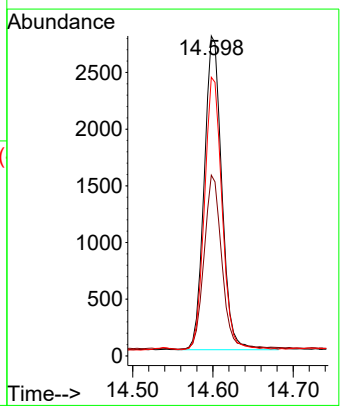


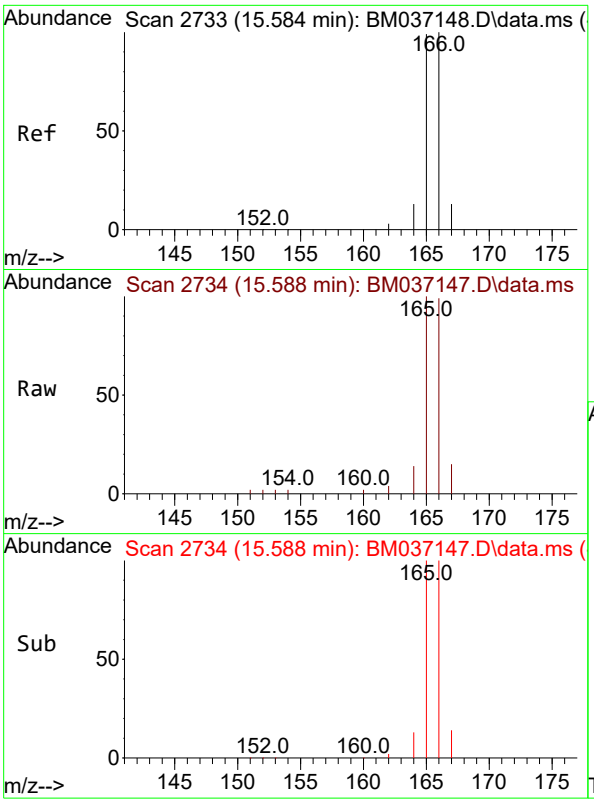


#11
Acenaphthene
Concen: 0.215 ng/ul
RT: 14.598 min Scan# 2520
Delta R.T. -0.000 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Tgt Ion:153 Resp: 4216

Ion	Ratio	Lower	Upper
153	100		
152	56.5	43.3	64.9
154	87.1	70.0	105.0



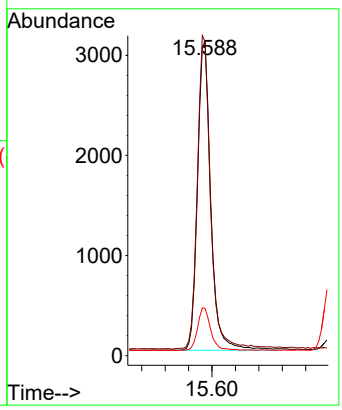


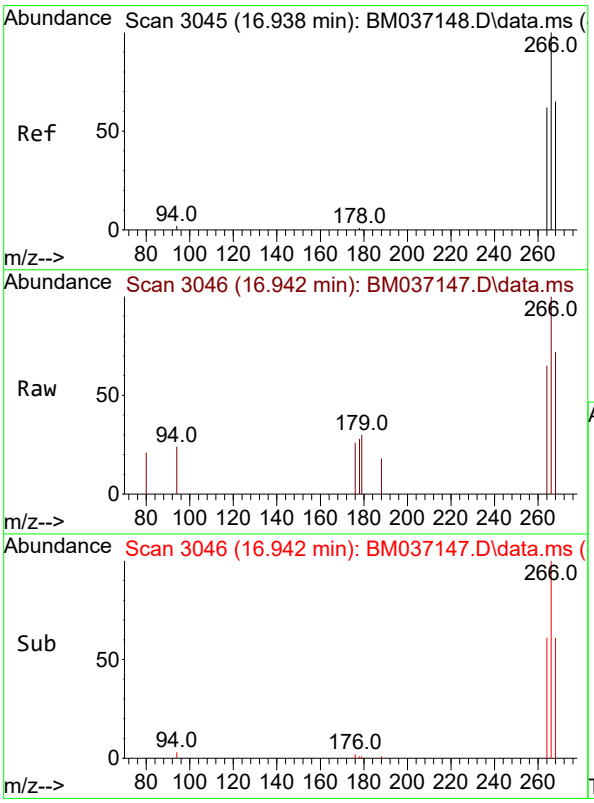
#12
Fluorene
Concen: 0.219 ng/ul
RT: 15.588 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.2030

Tgt Ion:166 Resp: 4866

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.4	119.2
167	15.1	11.3	16.9

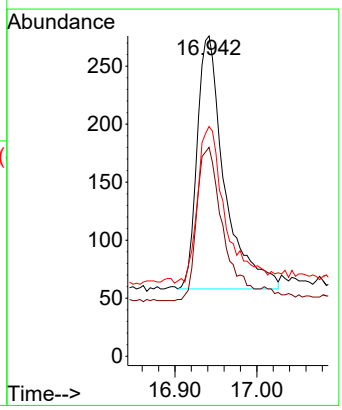


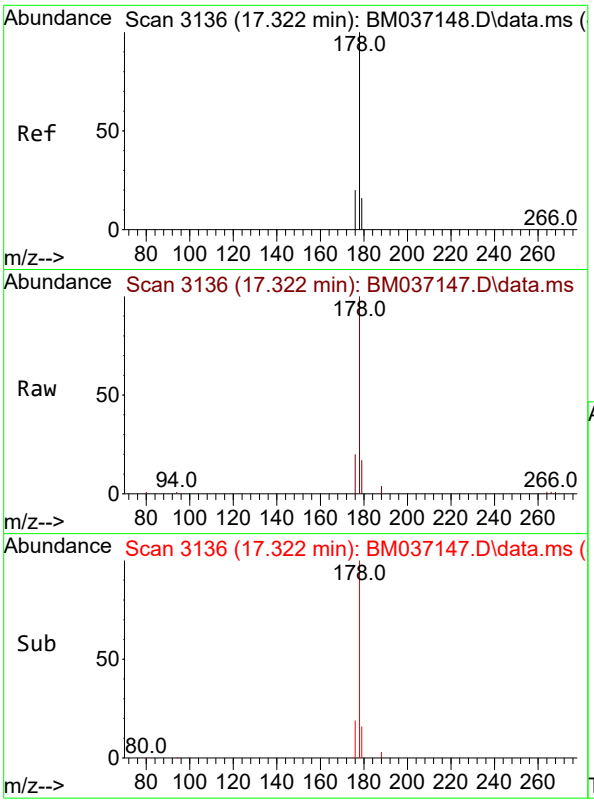


#14
Pentachlorophenol
Concen: 0.170 ng/ul
RT: 16.942 min Scan# 3046
Delta R.T. 0.004 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Tgt Ion:266 Resp: 505

Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.4	74.0
268	65.9	50.5	75.7



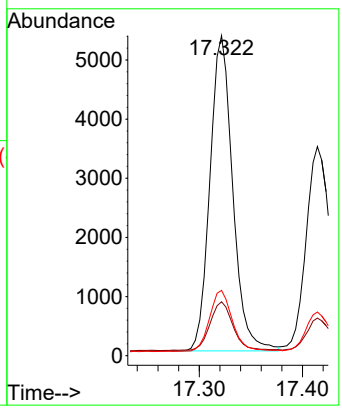


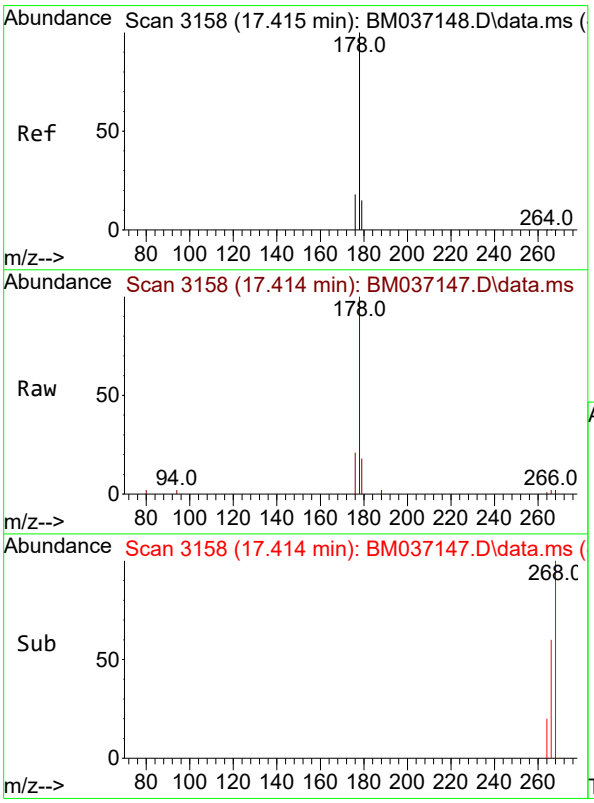
#15
Phenanthrene
Concen: 0.209 ng/ul
RT: 17.322 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.2030

Tgt Ion:178 Resp: 8176

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.0	19.6
176	20.4	16.1	24.1

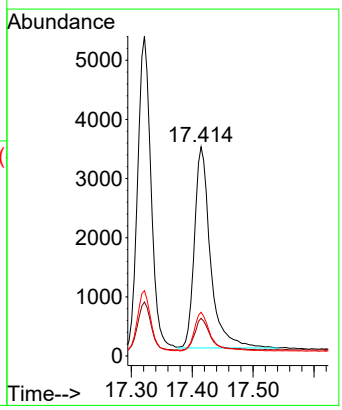


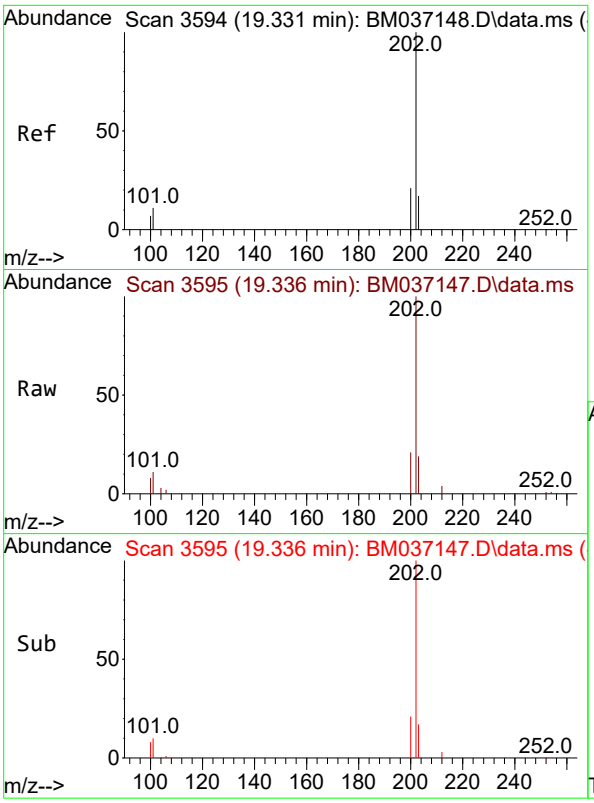


#16
Anthracene
Concen: 0.190 ng/ul
RT: 17.414 min Scan# 3158
Delta R.T. -0.000 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Tgt Ion:178 Resp: 6220

Ion	Ratio	Lower	Upper
178	100		
179	18.0	13.1	19.7
176	20.9	15.3	22.9



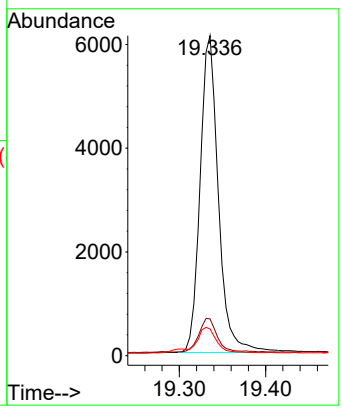


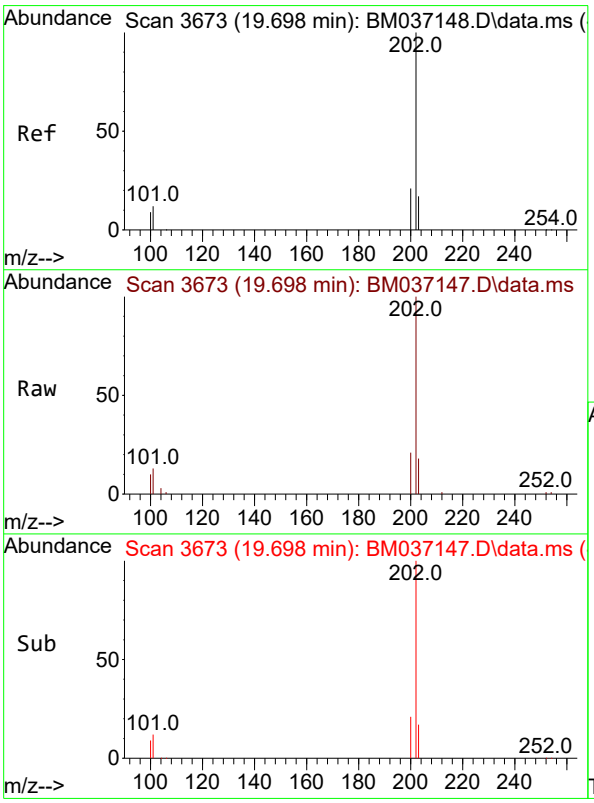
#19
Fluoranthene
Concen: 0.215 ng/ul
RT: 19.336 min Scan# 3
Delta R.T. 0.005 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.2030

Tgt Ion:202 Resp: 8985

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.9	13.3
100	8.4	6.9	10.3

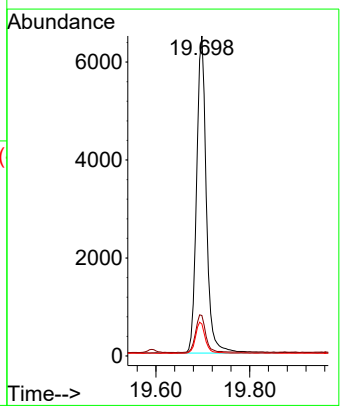


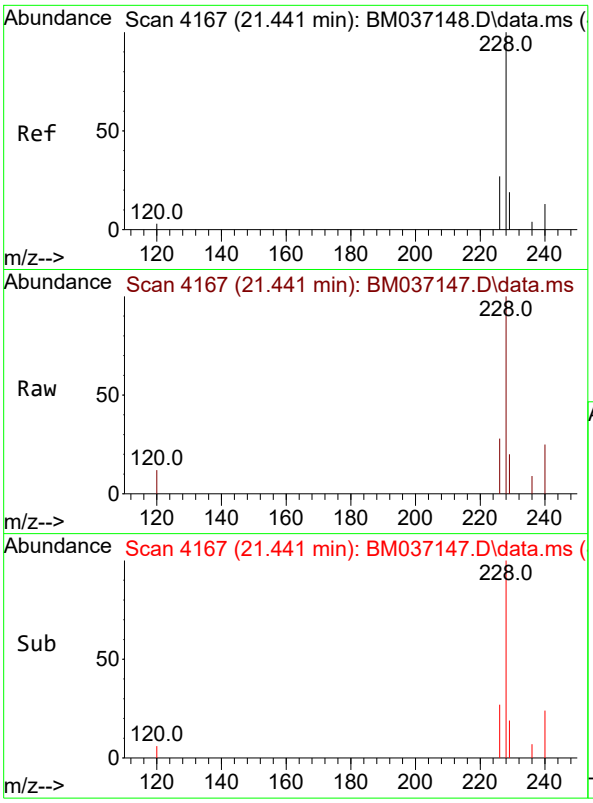


#20
Pyrene
Concen: 0.215 ng/ul
RT: 19.698 min Scan# 3673
Delta R.T. -0.000 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Tgt Ion:202 Resp: 9360

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.7	14.5
100	10.0	7.8	11.8



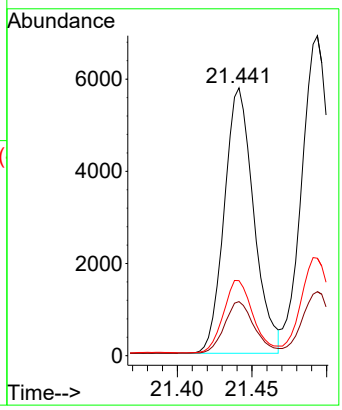


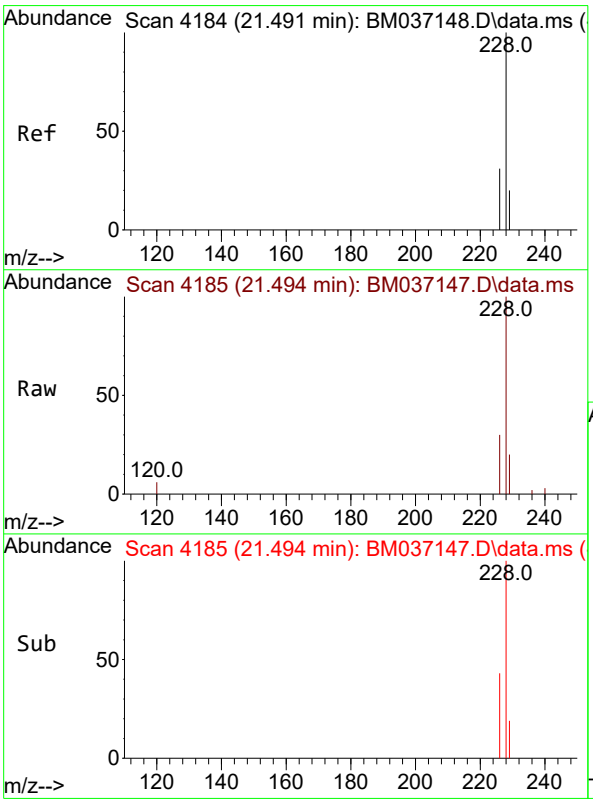
#21
Benzo(a)anthracene
Concen: 0.209 ng/ul
RT: 21.441 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.2030

Tgt Ion:228 Resp: 7916

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.6
226	28.0	21.8	32.8

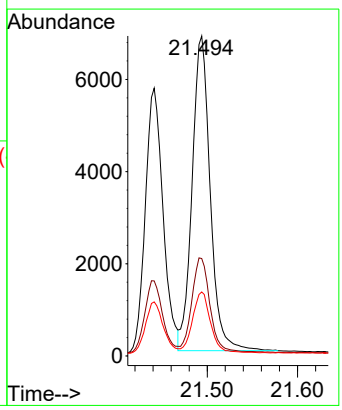


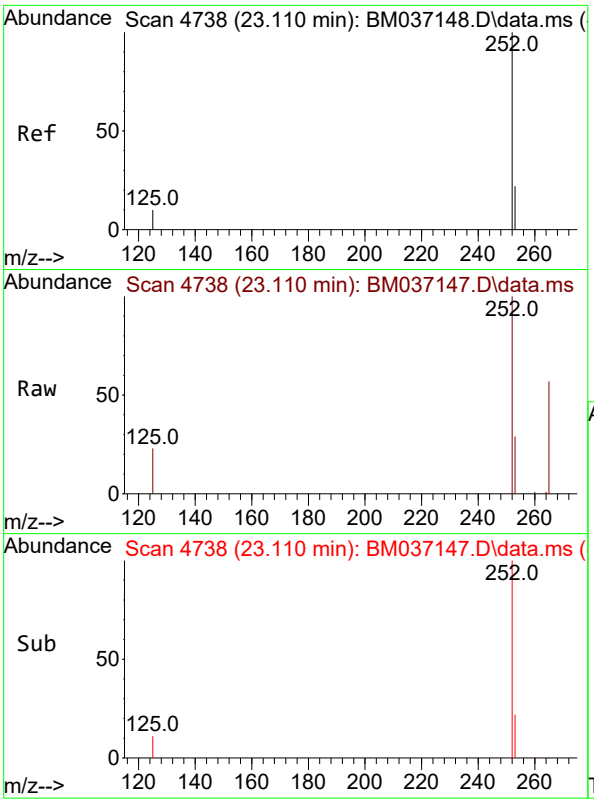


#22
Chrysene
Concen: 0.233 ng/ul
RT: 21.494 min Scan# 4185
Delta R.T. 0.003 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Tgt Ion:228 Resp: 9482

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.8	37.2
229	20.0	16.0	24.0



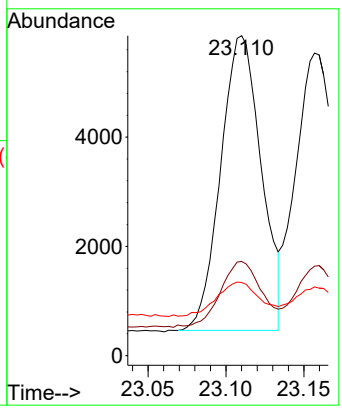


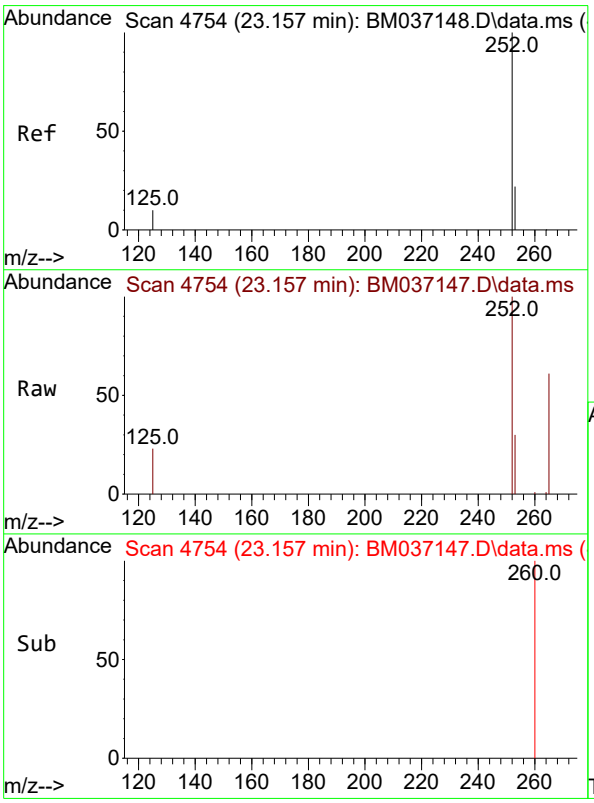
#24
Benzo(b)fluoranthene
Concen: 0.231 ng/ul
RT: 23.110 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.2030

Tgt Ion:252 Resp: 9772

Ion	Ratio	Lower	Upper
252	100		
253	29.5	0.0	50.6
125	22.9	0.0	32.6

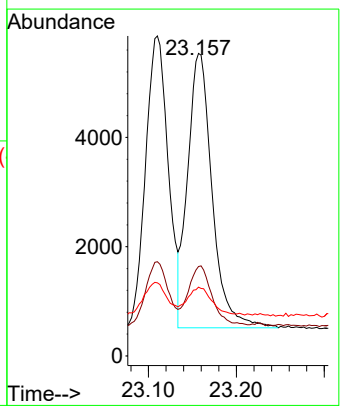


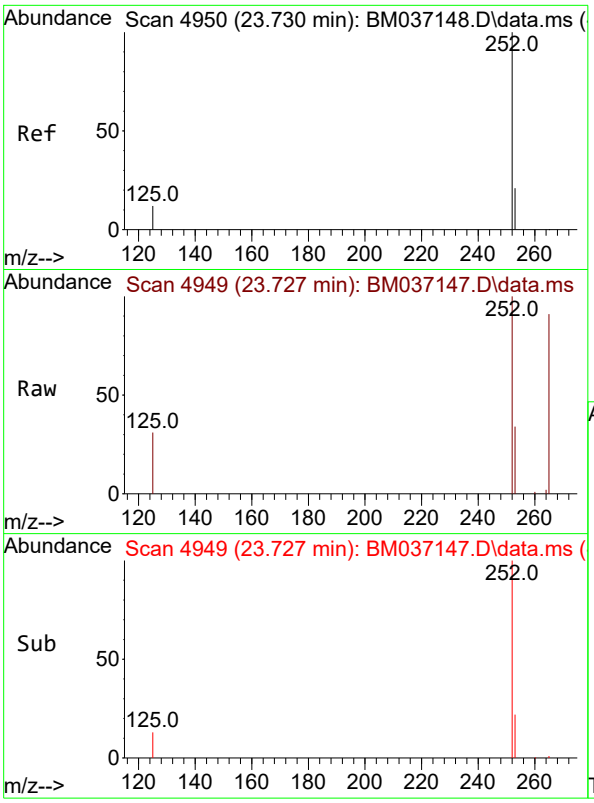


#25
Benzo(k)fluoranthene
Concen: 0.236 ng/ul
RT: 23.157 min Scan# 4754
Delta R.T. -0.000 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Tgt Ion:252 Resp: 9745

Ion	Ratio	Lower	Upper
252	100		
253	29.6	20.6	30.8
125	22.7	13.3	19.9#



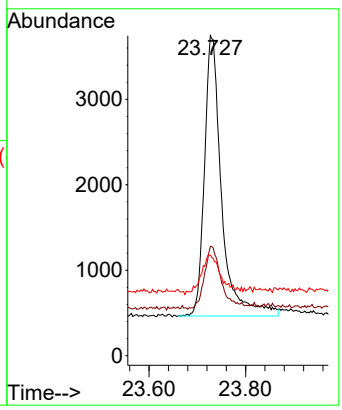


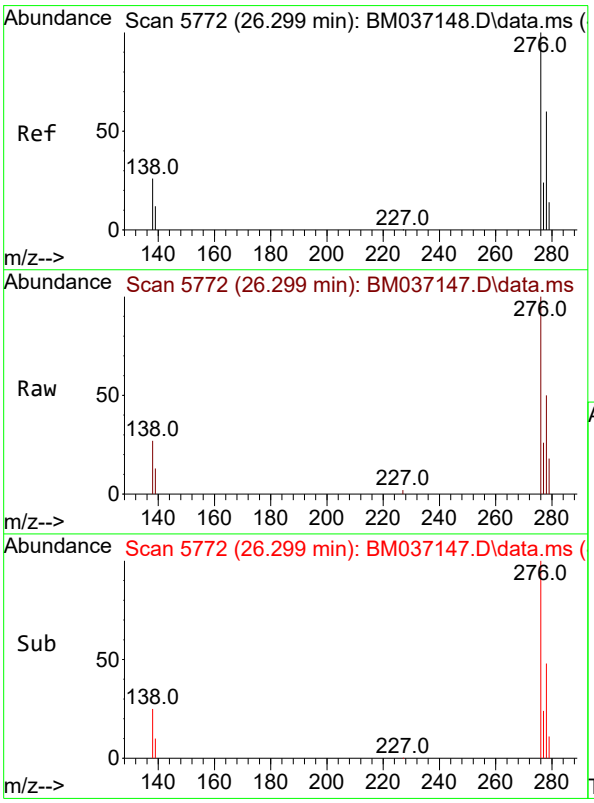
#26
Benzo(a)pyrene
Concen: 0.236 ng/ul
RT: 23.727 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.2030

Tgt Ion:252 Resp: 8096

Ion	Ratio	Lower	Upper
252	100		
253	34.1	22.1	33.1#
125	31.4	17.6	26.4#

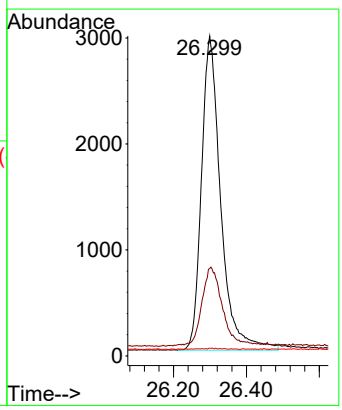


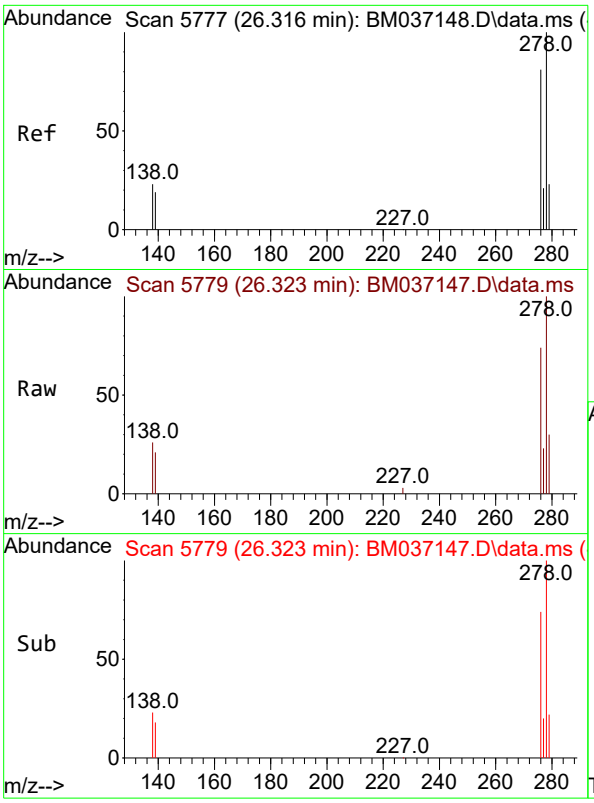


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.224 ng/ul
RT: 26.299 min Scan# 5772
Delta R.T. -0.000 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Tgt Ion:276 Resp: 10885

Ion	Ratio	Lower	Upper
276	100		
138	25.5	21.4	32.0
227	0.1	0.1	0.1#



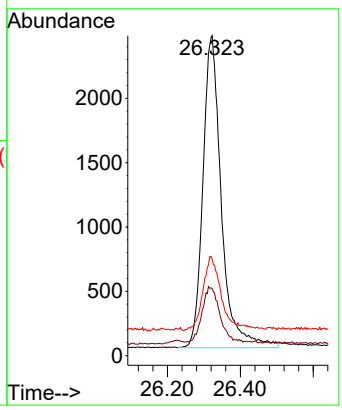


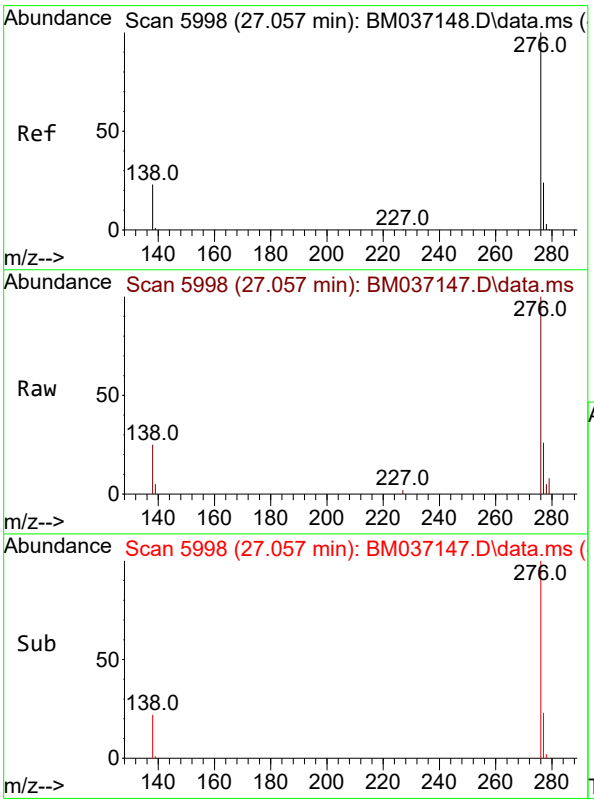
#28
Dibenzo(a,h)anthracene
Concen: 0.217 ng/ul
RT: 26.323 min Scan# 5
Delta R.T. 0.007 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.2030

Tgt Ion:278 Resp: 8523

Ion	Ratio	Lower	Upper
278	100		
139	21.0	16.3	24.5
279	30.1	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.225 ng/ul
RT: 27.057 min Scan# 5998
Delta R.T. -0.000 min
Lab File: BM037147.D
Acq: 19 Oct 2022 11:43

Tgt Ion:276 Resp: 9646

Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.8	29.8
277	26.2	20.1	30.1