Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036937.D
Acq On : 11 Oct 2022 09:41
Operator : CG/JU
Sample : PB148185BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 11 12:46:25 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	7323	0.400	ng/ul		0.00
4) Naphthalene-d8	10.754	136	24779	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.575	164	13226	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.318	188	24098	0.400	ng/ul		0.00
17) Chrysene-d12	21.482	240	15223	0.400	ng/ul		0.00
23) Perylene-d12	23.879	264	12344	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.348	96	5358	0.519	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.338	152	11680	0.312	ng/ul		0.00
18) Fluoranthene-d10	19.336	212	17223	0.378	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.382	88	13301	1.318	ng/ul	#	76
5) Naphthalene	10.804	128	21316	0.301	ng/ul		97
7) 2-Methylnaphthalene	12.415	142	13072	0.302	ng/ul		91
8) 1-Methylnaphthalene	12.629	142	13931	0.317	ng/ul		99
10) Acenaphthylene	14.298	152	16814	0.306	ng/ul		98
11) Acenaphthene	14.640	153	14230	0.298	ng/ul		99
12) Fluorene	15.621	166	15198	0.281	ng/ul		100
14) Pentachlorophenol	16.967	266	2494	0.428	ng/ul		99
15) Phenanthrene	17.356	178	22811	0.297	ng/ul		99
16) Anthracene	17.448	178	19203	0.299	ng/ul		99
19) Fluoranthene	19.364	202	21960	0.363	ng/ul		99
20) Pyrene	19.726	202	22377	0.354	ng/ul		99
21) Benzo(a)anthracene	21.468	228	17010	0.309	ng/ul		99
22) Chrysene	21.520	228	18102	0.307	ng/ul		99
24) Benzo(b)fluoranthene	23.145	252	16942	0.307	ng/ul		95
25) Benzo(k)fluoranthene	23.195	252	16020	0.298	ng/ul		96
26) Benzo(a)pyrene	23.771	252	13938	0.312	ng/ul		93
27) Indeno(1,2,3-cd)pyrene	26.360	276	19387	0.306	ng/ul	#	98
28) Dibenzo(a,h)anthracene	26.380	278	15397	0.301	ng/ul		93
29) Benzo(g,h,i)perylene	27.128	276	16847	0.302	ng/ul		99

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

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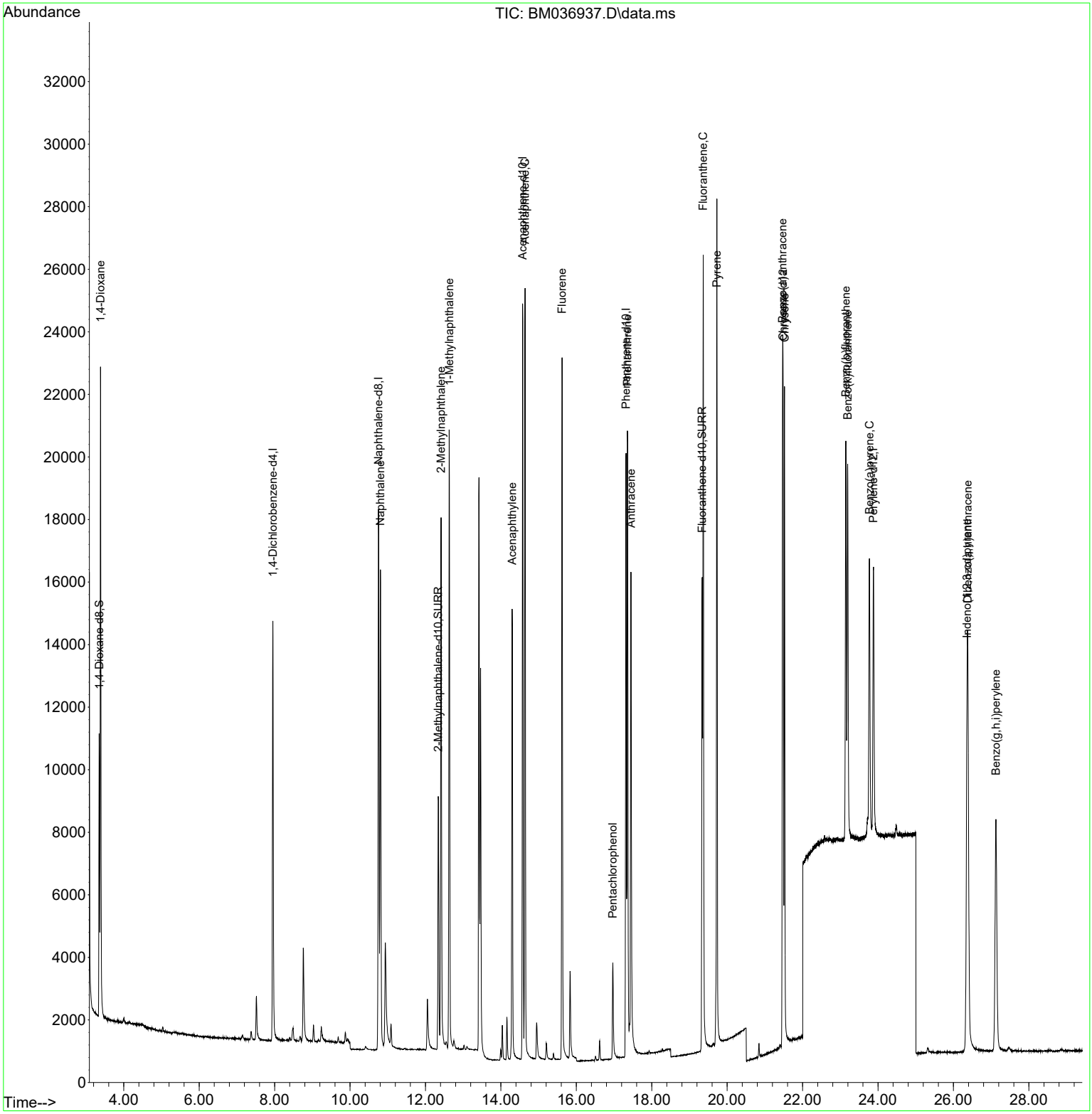
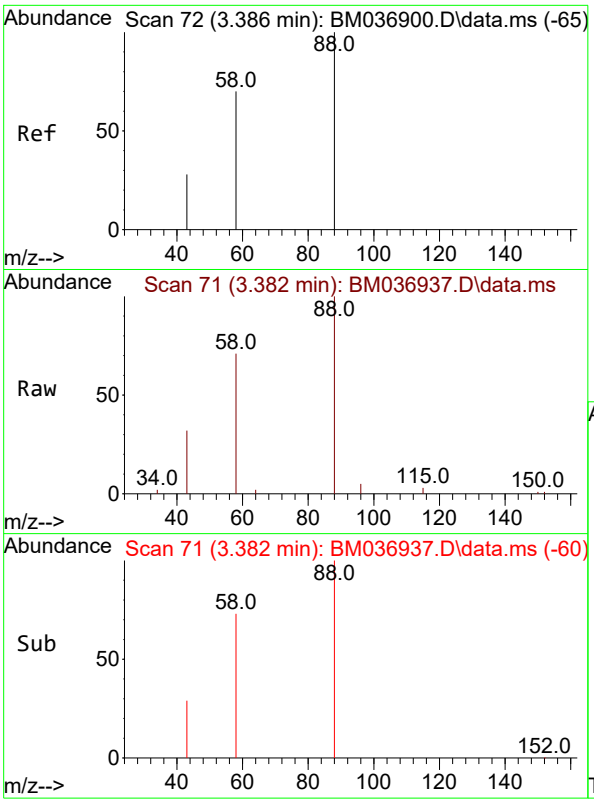


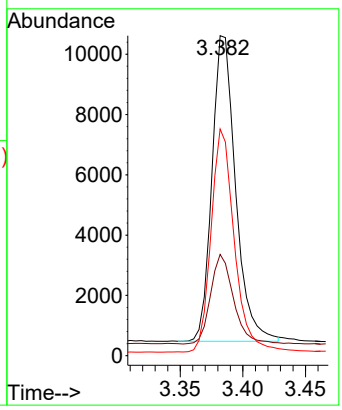


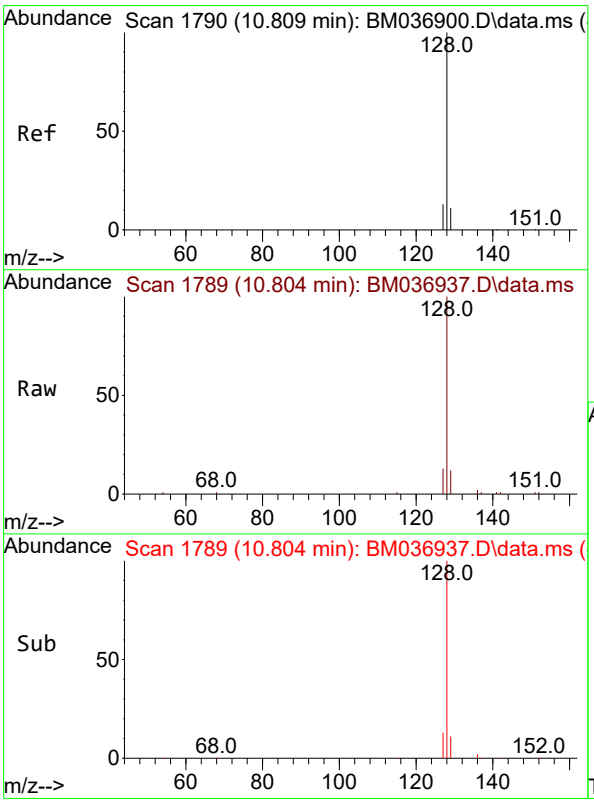
#2
1,4-Dioxane
Concen: 1.318 ng/ul
RT: 3.382 min Scan# 7
Delta R.T. -0.004 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 13301

Ion	Ratio	Lower	Upper
88	100		
43	31.6	37.8	56.6#
58	70.8	42.6	63.8#

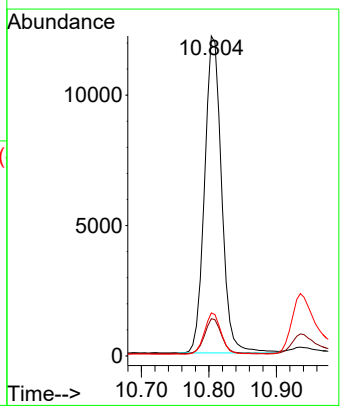


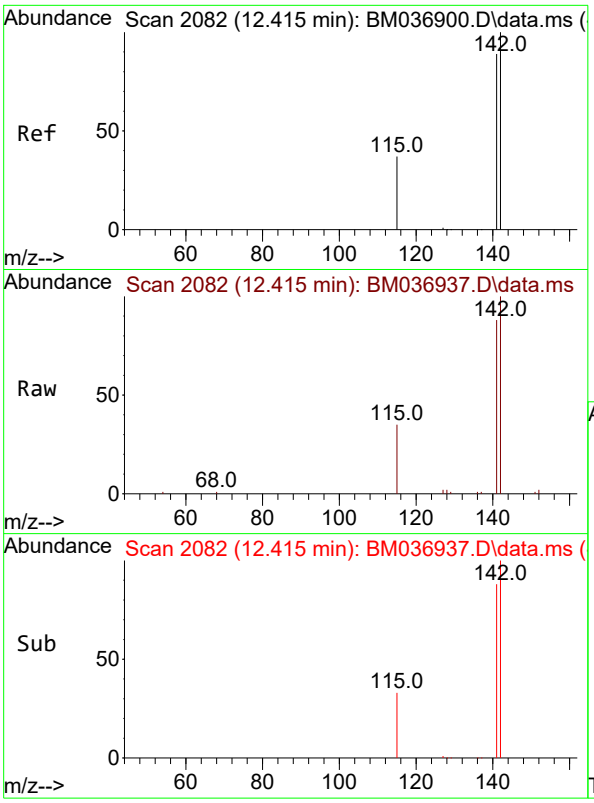


#5
Naphthalene
Concen: 0.301 ng/ul
RT: 10.804 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion:128 Resp: 21316

Ion	Ratio	Lower	Upper
128	100		
129	11.6	10.2	15.2
127	13.4	11.7	17.5



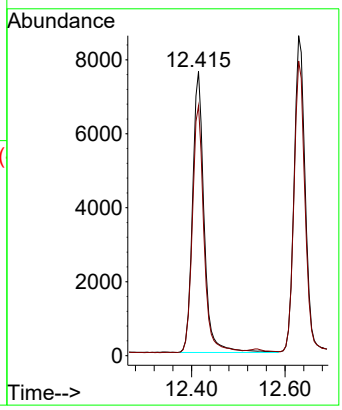


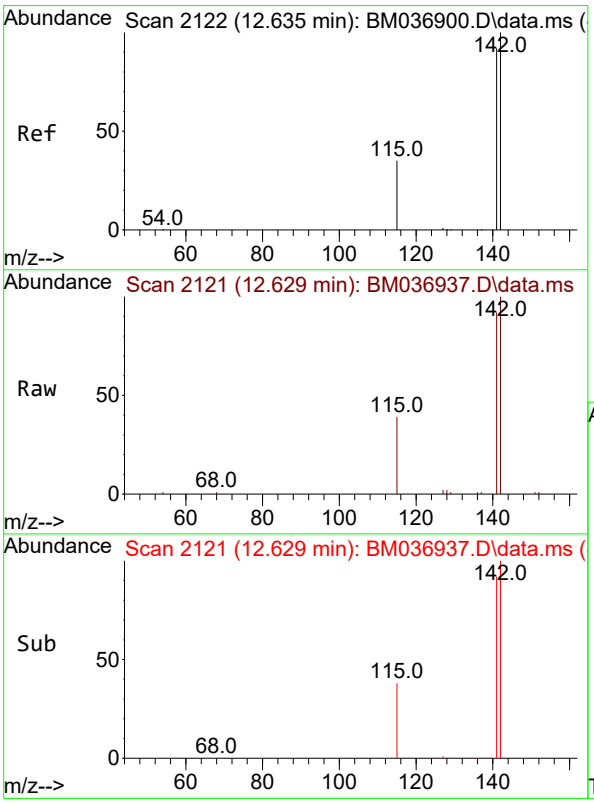
#7
2-Methylnaphthalene
Concen: 0.302 ng/ul
RT: 12.415 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 13072

Ion	Ratio	Lower	Upper
142	100		
141	87.4	77.4	116.0

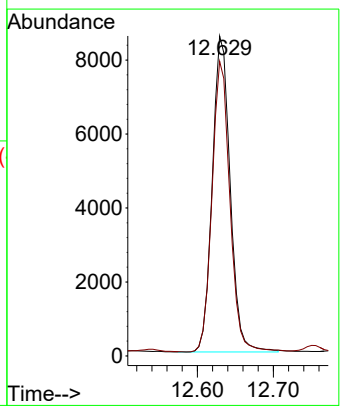


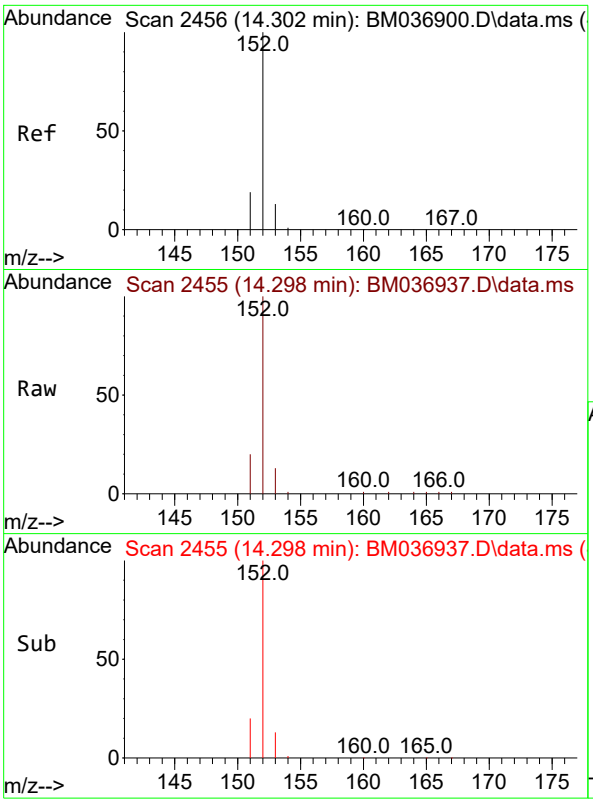


#8
1-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion:142 Resp: 13931

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.1	111.1



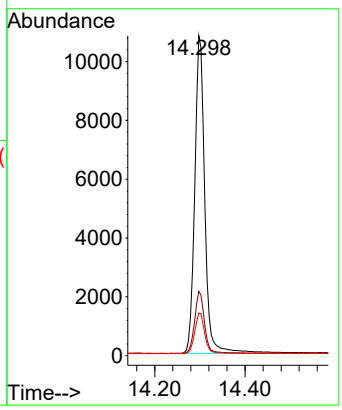


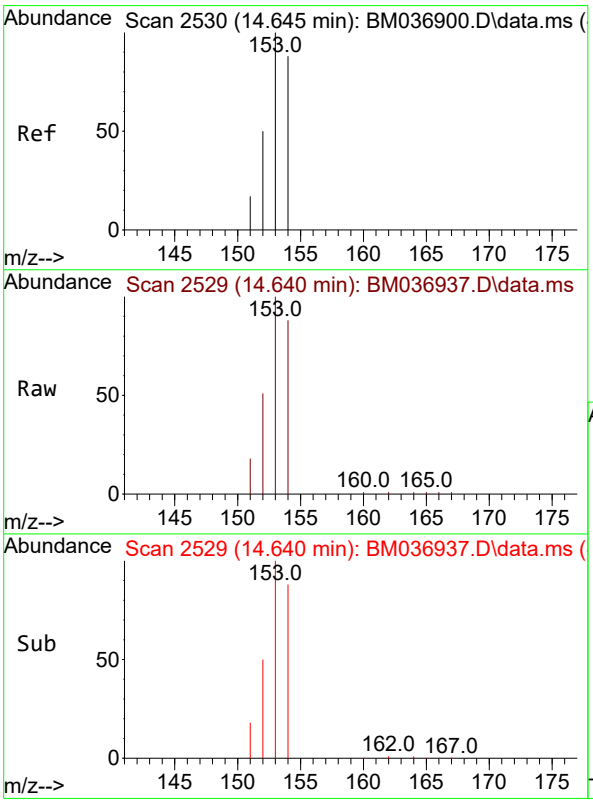
#10
Acenaphthylene
Concen: 0.306 ng/ul
RT: 14.298 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 16814

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.6	24.8
153	13.4	11.4	17.0

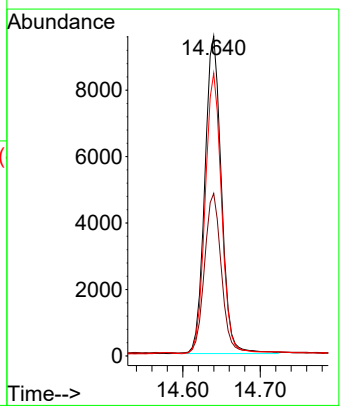


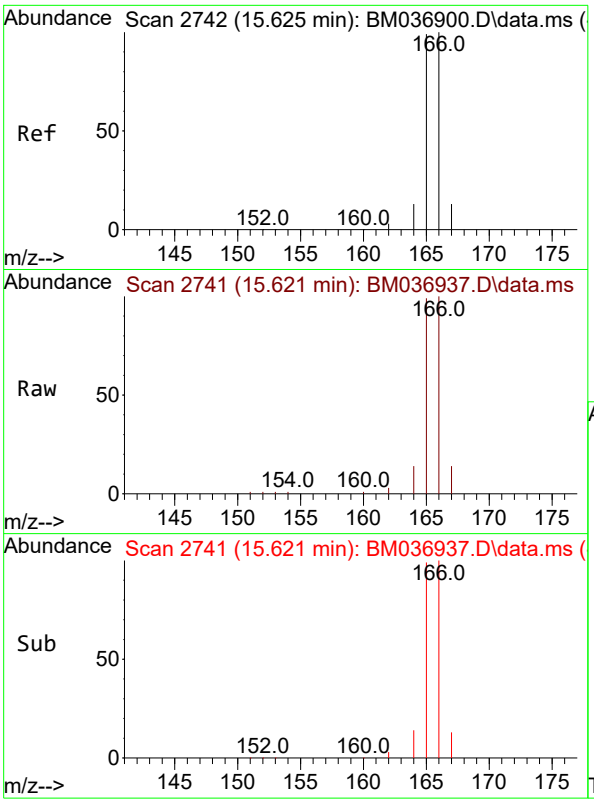


#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.640 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion:153 Resp: 14230

Ion	Ratio	Lower	Upper
153	100		
152	50.8	40.2	60.4
154	88.4	69.7	104.5



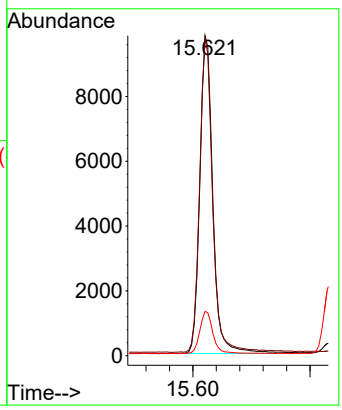


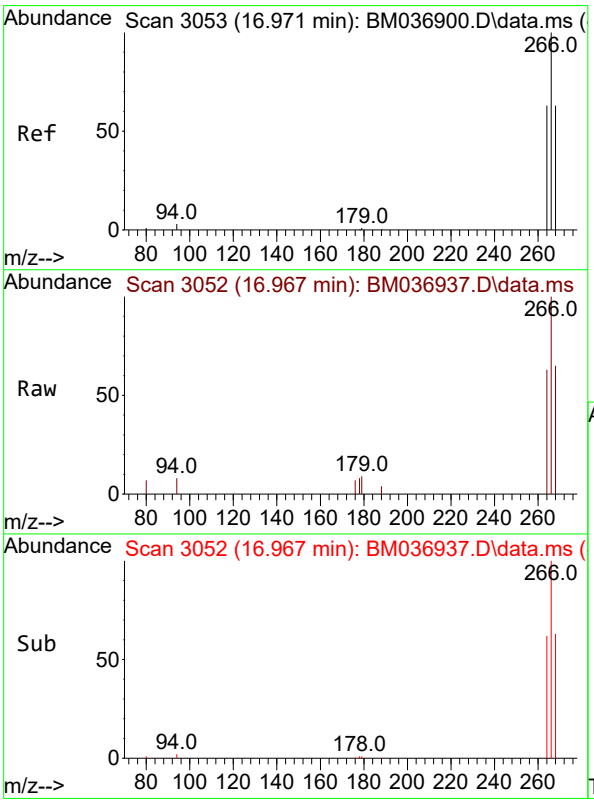
#12
Fluorene
Concen: 0.281 ng/ul
RT: 15.621 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 15198

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.9	118.3
167	13.9	11.3	16.9

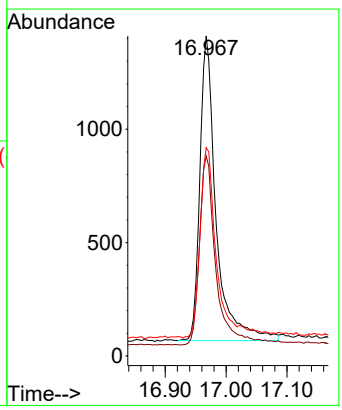


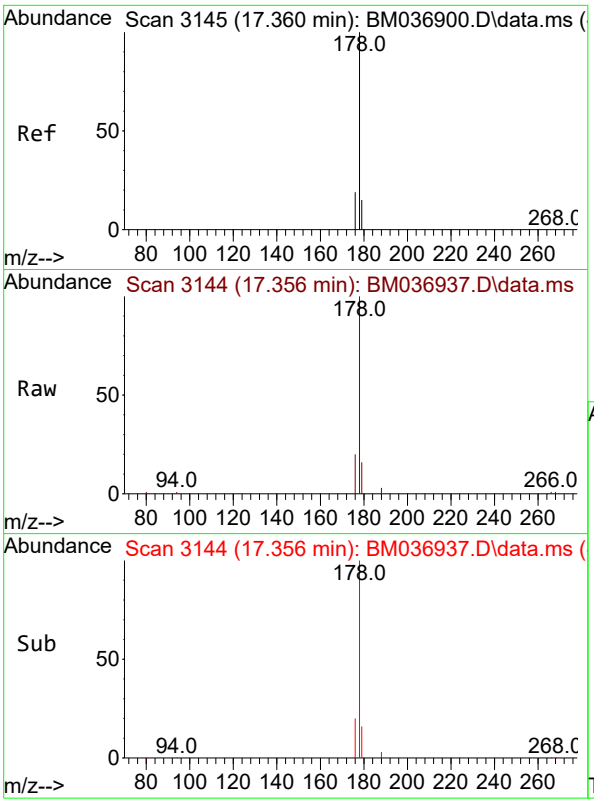


#14
Pentachlorophenol
Concen: 0.428 ng/ul
RT: 16.967 min Scan# 3052
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion:266 Resp: 2494

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.3	75.5
268	64.9	53.5	80.3



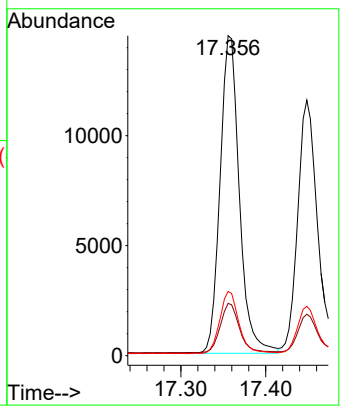


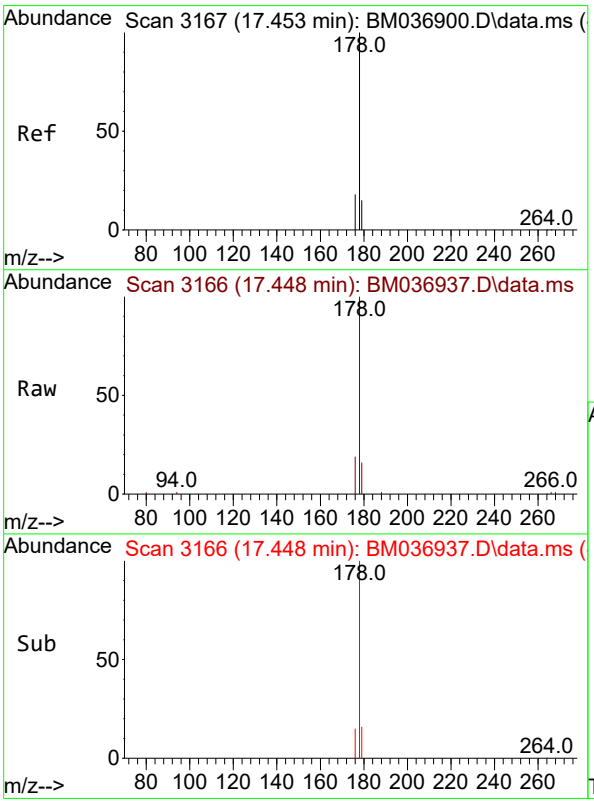
#15
Phenanthrene
Concen: 0.297 ng/ul
RT: 17.356 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 22811

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.0	19.6
176	20.1	15.6	23.4

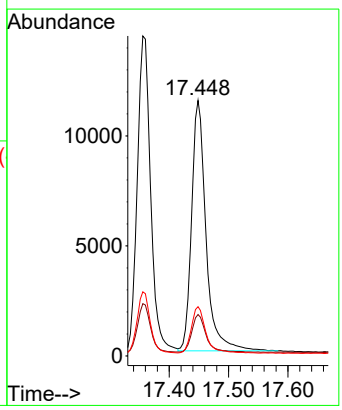


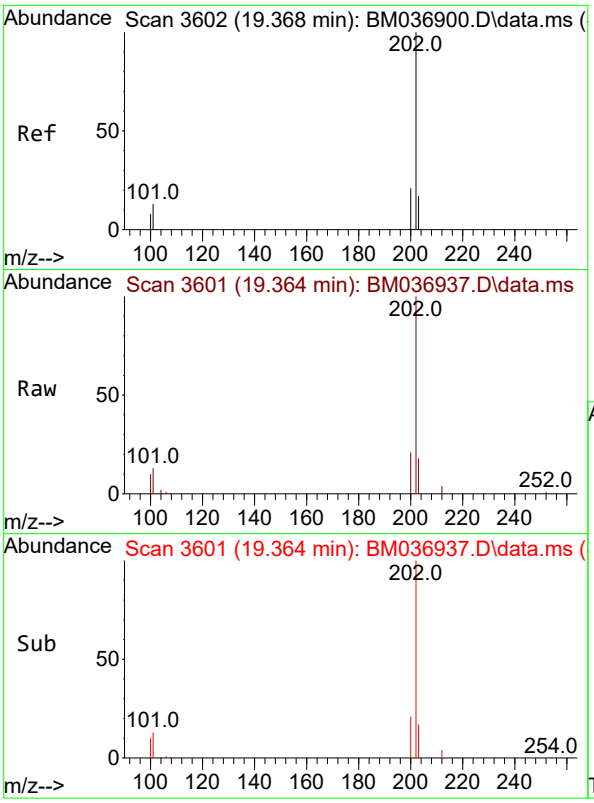


#16
Anthracene
Concen: 0.299 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion:178 Resp: 19203

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.6	20.4
176	19.3	15.6	23.4



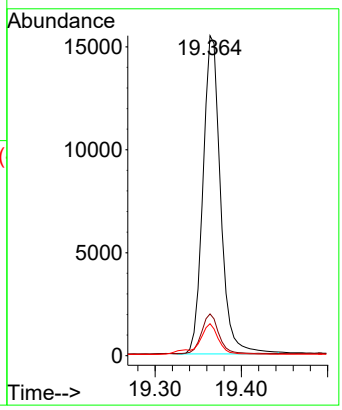


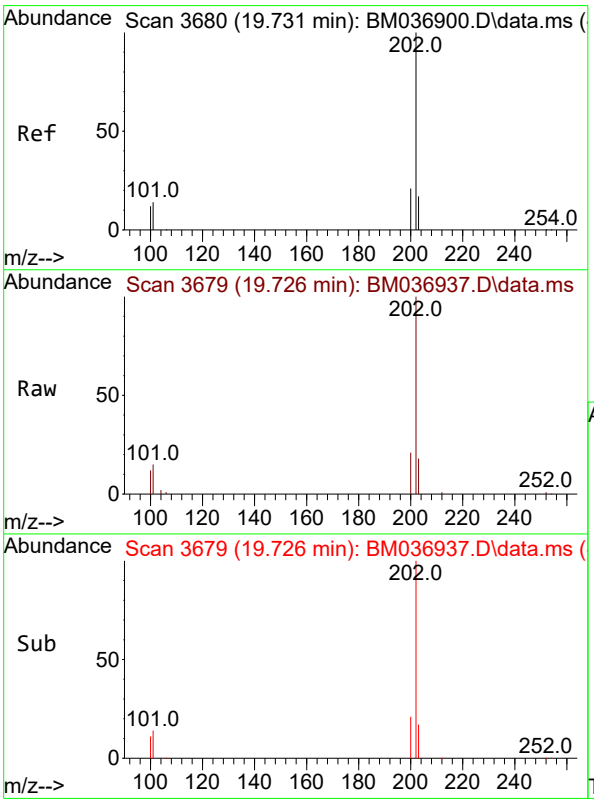
#19
Fluoranthene
Concen: 0.363 ng/ul
RT: 19.364 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 21960

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.1	15.1
100	10.0	7.9	11.9

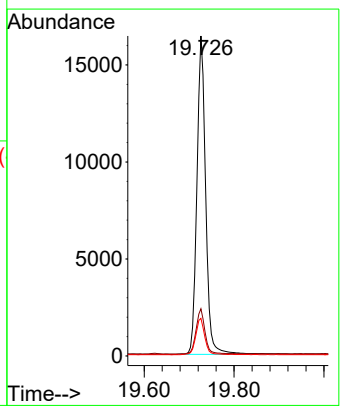


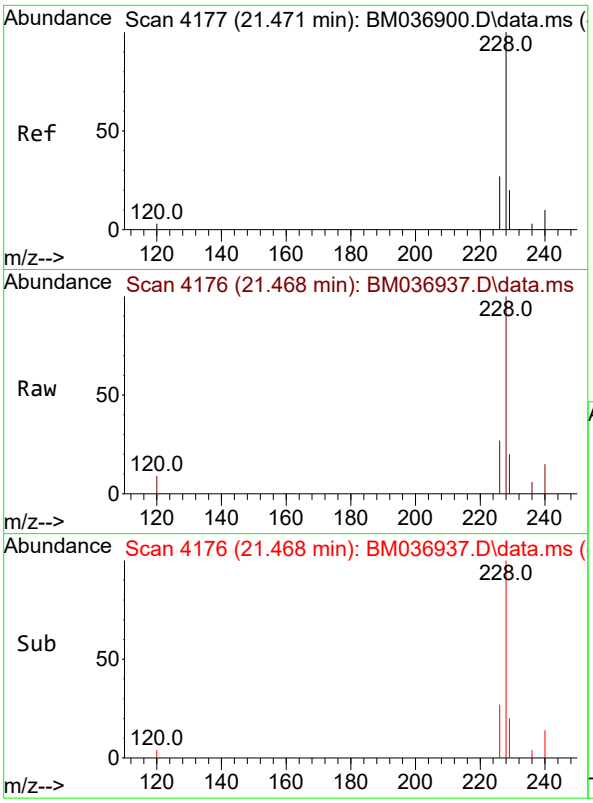


#20
Pyrene
Concen: 0.354 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion:202 Resp: 22377

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.0	18.0
100	11.8	9.8	14.6



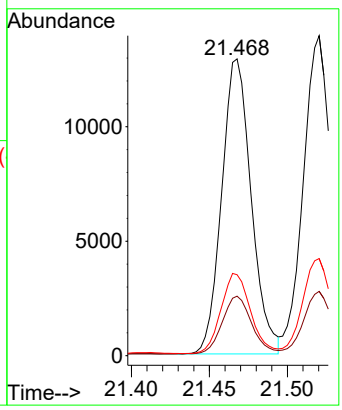


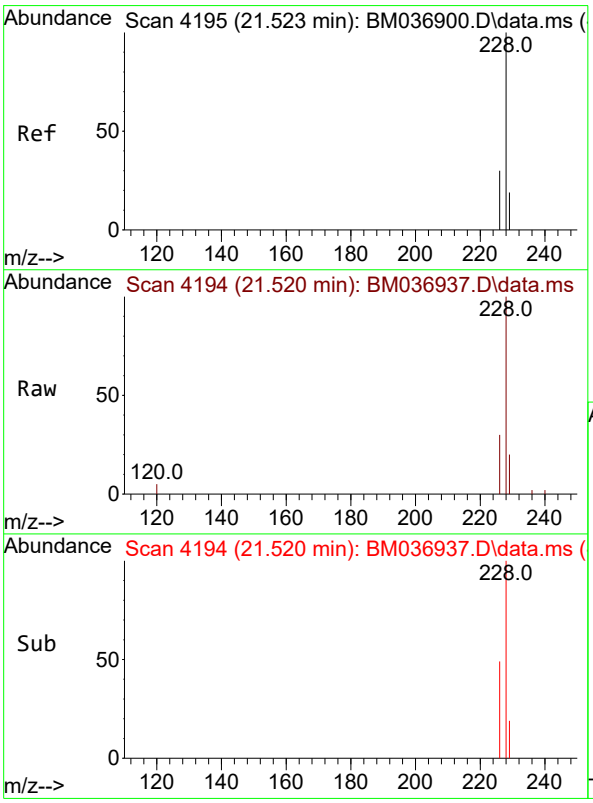
#21
Benzo(a)anthracene
Concen: 0.309 ng/ul
RT: 21.468 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 17010

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.2	24.2
226	27.3	22.5	33.7

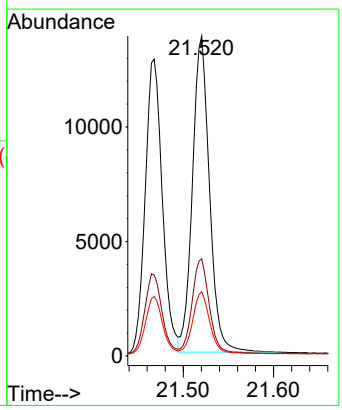


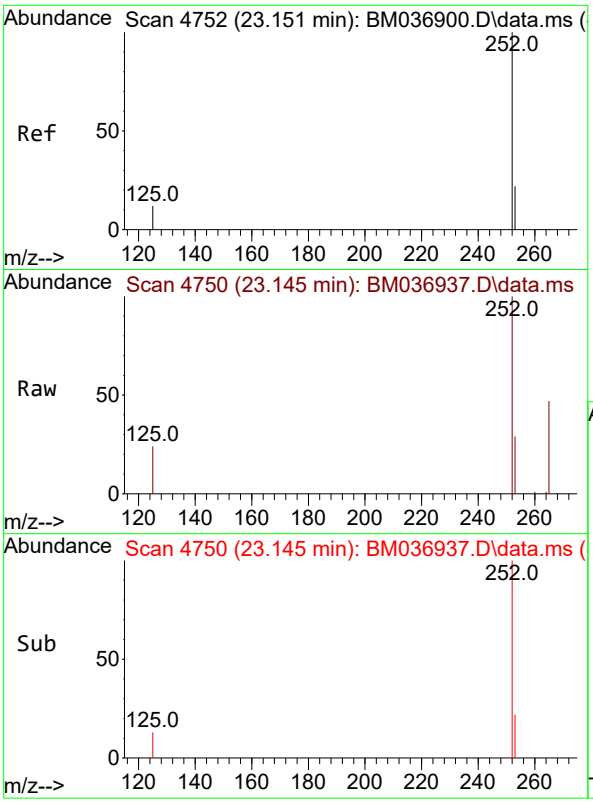


#22
Chrysene
Concen: 0.307 ng/ul
RT: 21.520 min Scan# 4194
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion:228 Resp: 18102

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	20.1	16.4	24.6



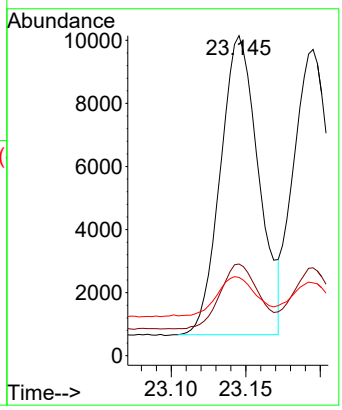


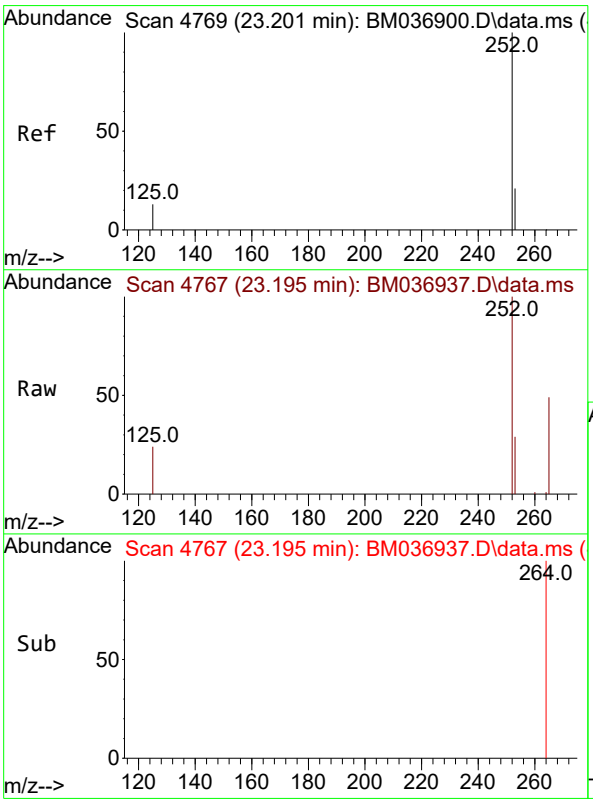
#24
Benzo(b)fluoranthene
Concen: 0.307 ng/ul
RT: 23.145 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 16942

Ion	Ratio	Lower	Upper
252	100		
253	28.7	0.0	61.4
125	24.4	0.0	42.6

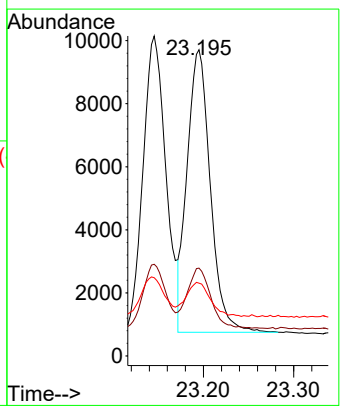


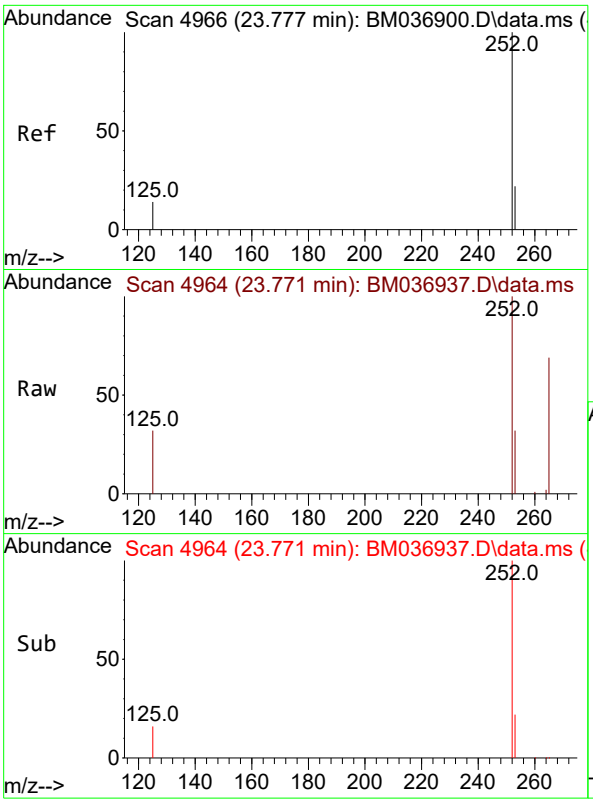


#25
Benzo(k)fluoranthene
Concen: 0.298 ng/ul
RT: 23.195 min Scan# 4767
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion:252 Resp: 16020

Ion	Ratio	Lower	Upper
252	100		
253	28.7	25.2	37.8
125	23.8	18.3	27.5



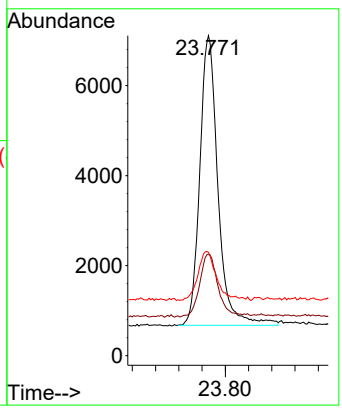


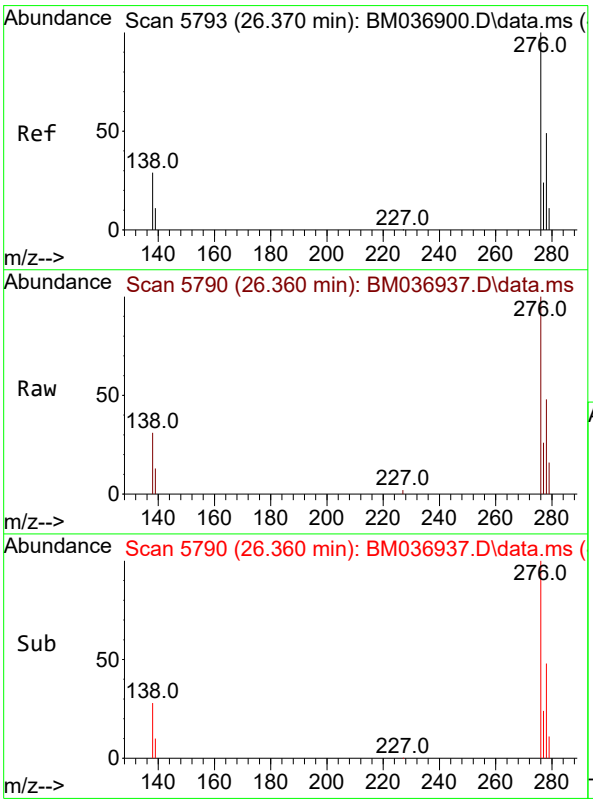
#26
Benzo(a)pyrene
Concen: 0.312 ng/ul
RT: 23.771 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 13938

Ion	Ratio	Lower	Upper
252	100		
253	31.8	29.7	44.5
125	32.3	23.6	35.4

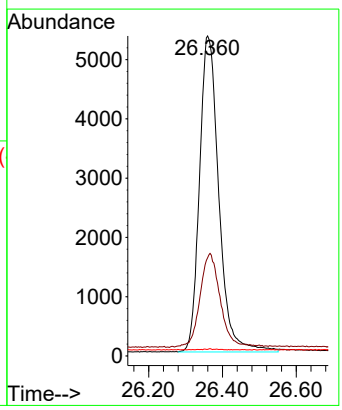


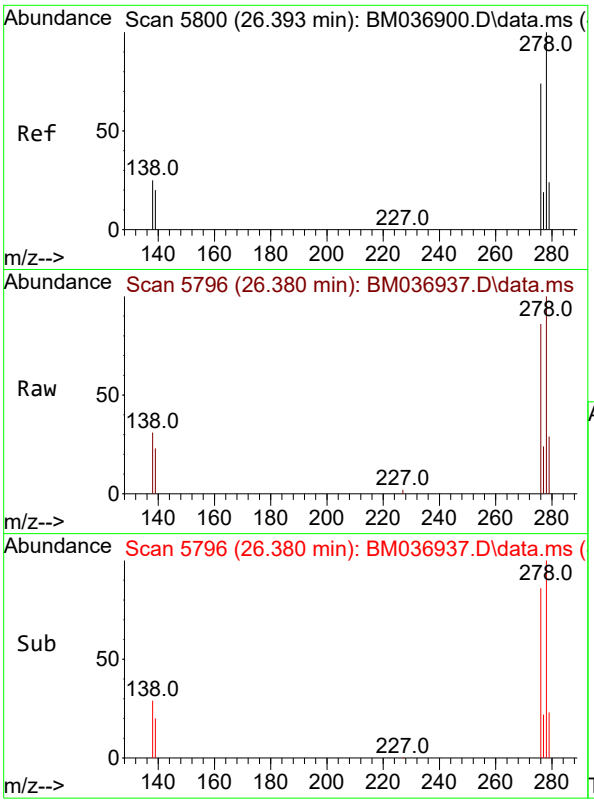


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.306 ng/ul
RT: 26.360 min Scan# 5790
Delta R.T. -0.003 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion:276 Resp: 19387

Ion	Ratio	Lower	Upper
276	100		
138	30.9	23.9	35.9
227	0.1	0.1	0.1#



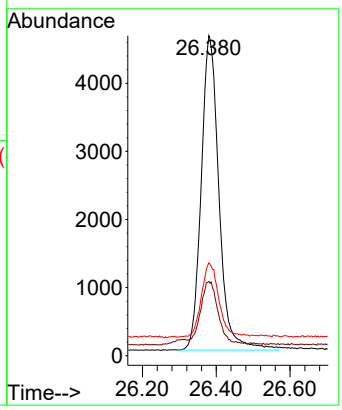


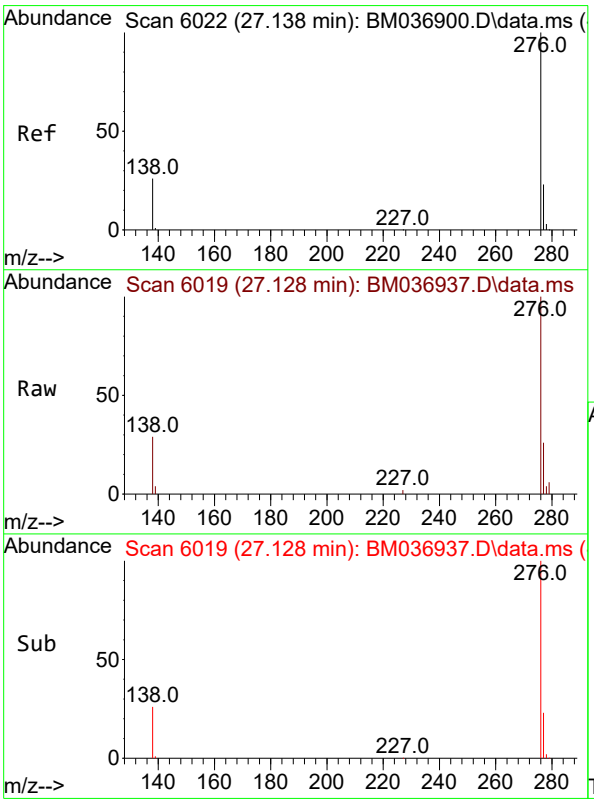
#28
Dibenzo(a,h)anthracene
Concen: 0.301 ng/ul
RT: 26.380 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 15397

Ion	Ratio	Lower	Upper
278	100		
139	23.2	19.8	29.6
279	29.0	27.7	41.5





#29
Benzo(g,h,i)perylene
Concen: 0.302 ng/ul
RT: 27.128 min Scan# 6019
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion:276 Resp: 16847

Ion	Ratio	Lower	Upper
276	100		
138	28.7	23.4	35.0
277	25.5	21.0	31.4