Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036938.D
Acq On : 11 Oct 2022 10:18
Operator : CG/JU
Sample : PB148151BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 11 12:46:37 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	7544	0.400	ng/ul		0.00
4) Naphthalene-d8	10.754	136	25594	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.579	164	13922	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.317	188	27434	0.400	ng/ul		0.00
17) Chrysene-d12	21.482	240	17493	0.400	ng/ul		0.00
23) Perylene-d12	23.879	264	12944	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.348	96	5629	0.529	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.338	152	12064	0.312	ng/ul		0.00
18) Fluoranthene-d10	19.335	212	20695	0.396	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.382	88	13597	1.307	ng/ul	#	76
5) Naphthalene	10.803	128	21995	0.301	ng/ul		97
7) 2-Methylnaphthalene	12.415	142	13648	0.305	ng/ul		91
8) 1-Methylnaphthalene	12.629	142	14477	0.318	ng/ul		100
10) Acenaphthylene	14.297	152	17774	0.307	ng/ul		99
11) Acenaphthene	14.640	153	15093	0.301	ng/ul		99
12) Fluorene	15.620	166	16454	0.289	ng/ul		99
14) Pentachlorophenol	16.967	266	2673	0.403	ng/ul		98
15) Phenanthrene	17.355	178	25857	0.295	ng/ul		99
16) Anthracene	17.448	178	21905	0.299	ng/ul		99
19) Fluoranthene	19.363	202	26344	0.379	ng/ul		100
20) Pyrene	19.726	202	26584	0.366	ng/ul		99
21) Benzo(a)anthracene	21.468	228	19479	0.308	ng/ul		99
22) Chrysene	21.520	228	20549	0.303	ng/ul		99
24) Benzo(b)fluoranthene	23.145	252	18271	0.316	ng/ul		94
25) Benzo(k)fluoranthene	23.195	252	17318	0.307	ng/ul		96
26) Benzo(a)pyrene	23.774	252	15204	0.324	ng/ul		91
27) Indeno(1,2,3-cd)pyrene	26.360	276	19684	0.296	ng/ul	#	97
28) Dibenzo(a,h)anthracene	26.386	278	15513	0.289	ng/ul		93
29) Benzo(g,h,i)perylene	27.131	276	16763	0.286	ng/ul		100

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

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Quant Time: Oct 11 12:46:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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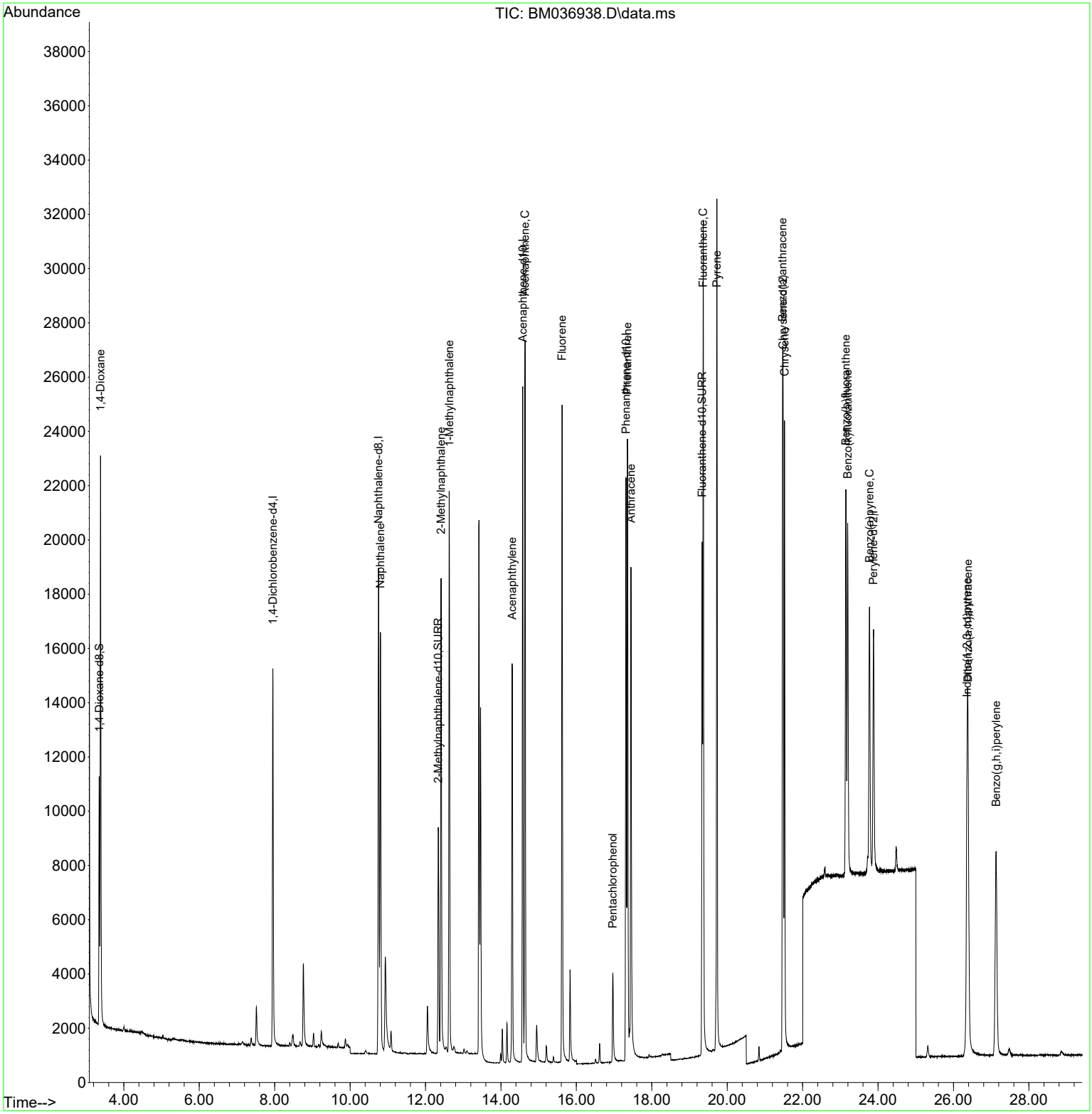
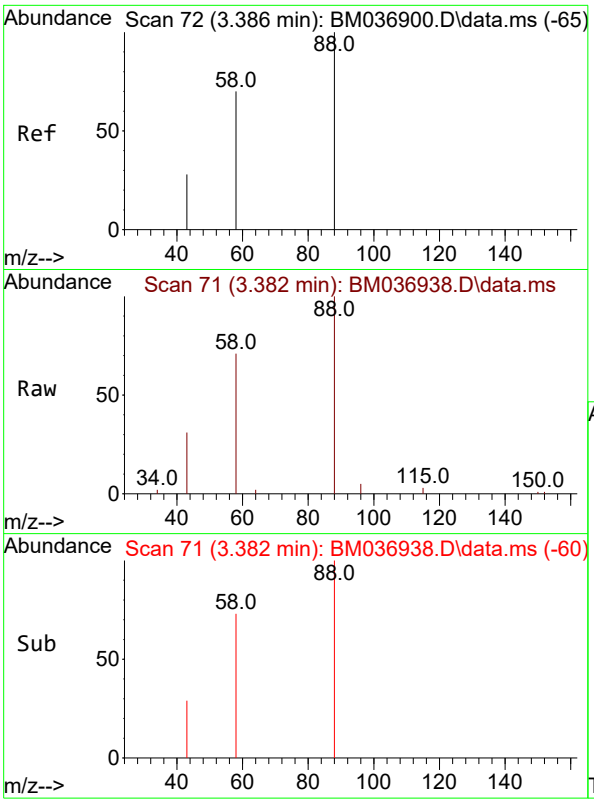


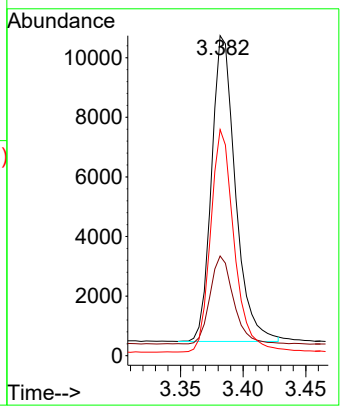


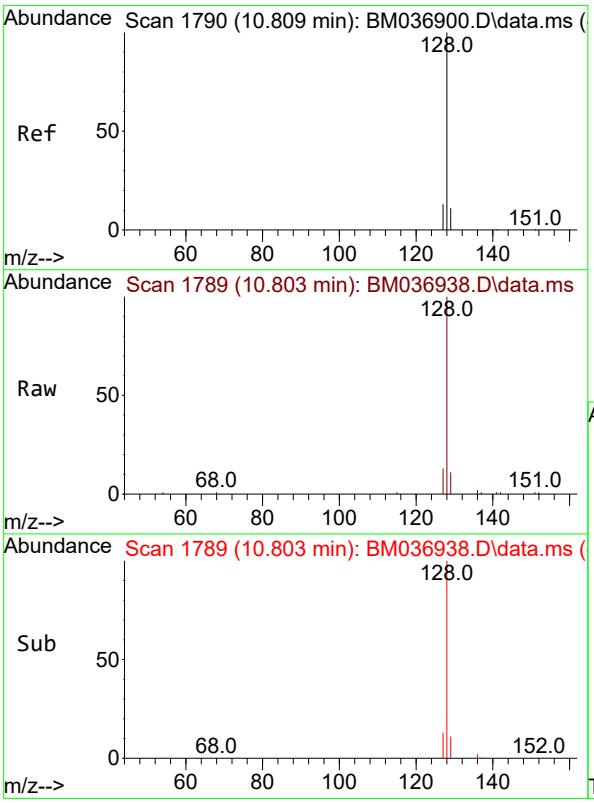
#2
1,4-Dioxane
Concen: 1.307 ng/ul
RT: 3.382 min Scan# 7
Delta R.T. -0.004 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 13597

Ion	Ratio	Lower	Upper
88	100		
43	31.1	37.8	56.6#
58	70.7	42.6	63.8#

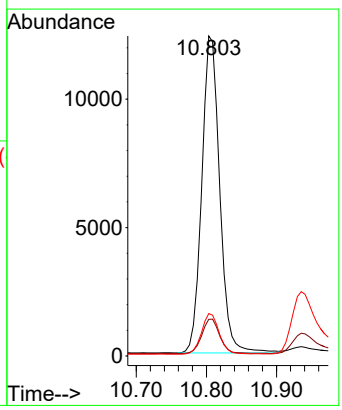


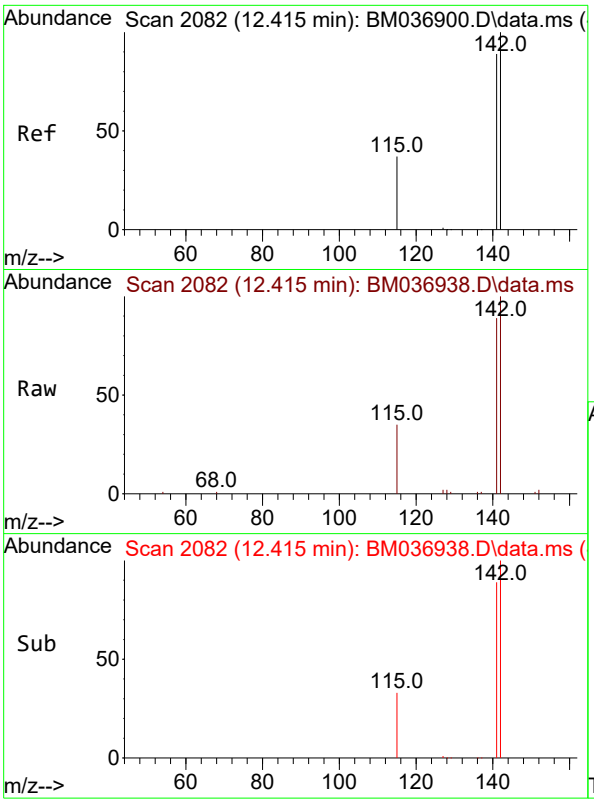


#5
Naphthalene
Concen: 0.301 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Tgt Ion:128 Resp: 21995

Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.2	15.2
127	13.3	11.7	17.5



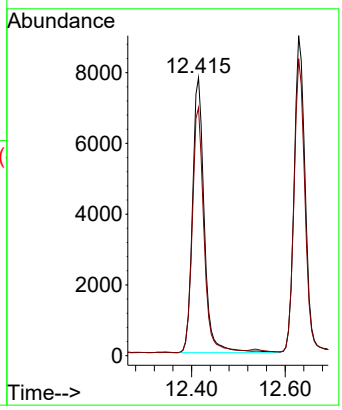


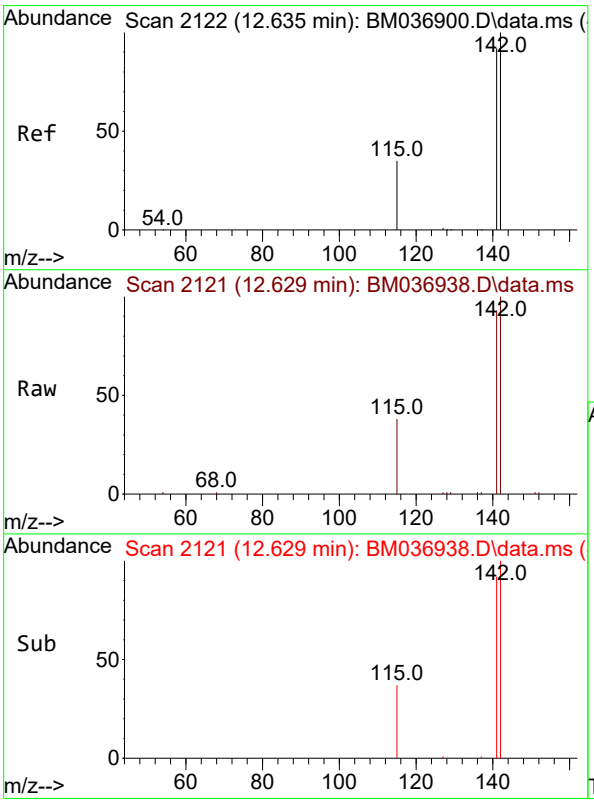
#7
2-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.415 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 13648

Ion	Ratio	Lower	Upper
142	100		
141	88.1	77.4	116.0

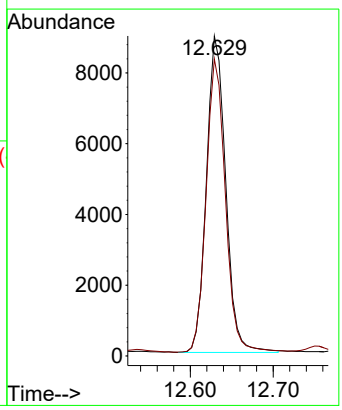


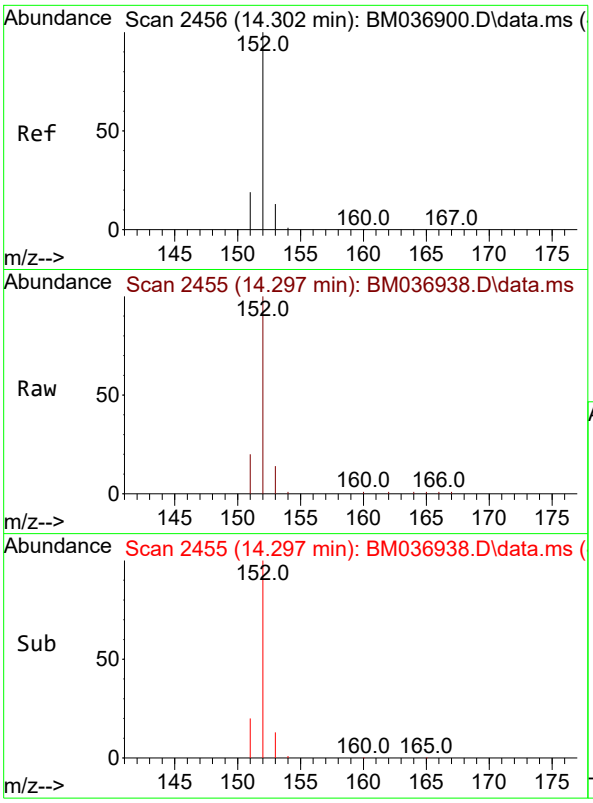


#8
1-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Tgt Ion:142 Resp: 14477

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.1	111.1



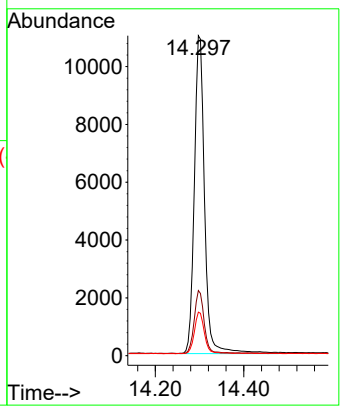


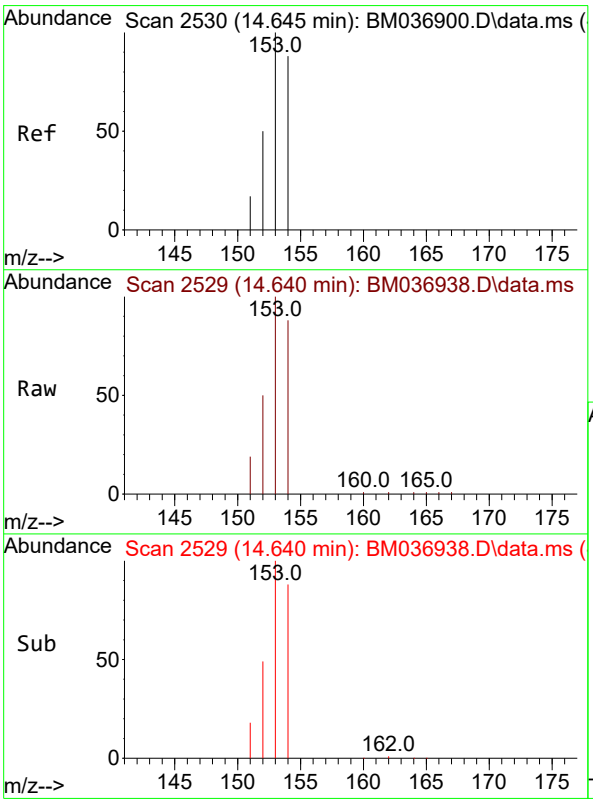
#10
Acenaphthylene
Concen: 0.307 ng/ul
RT: 14.297 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 17774

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	24.8
153	13.6	11.4	17.0

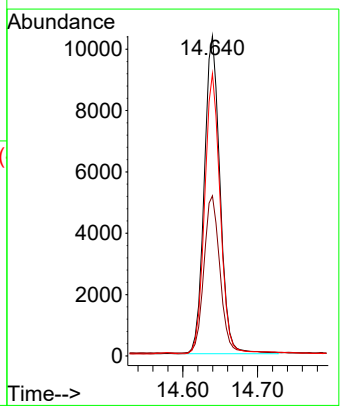


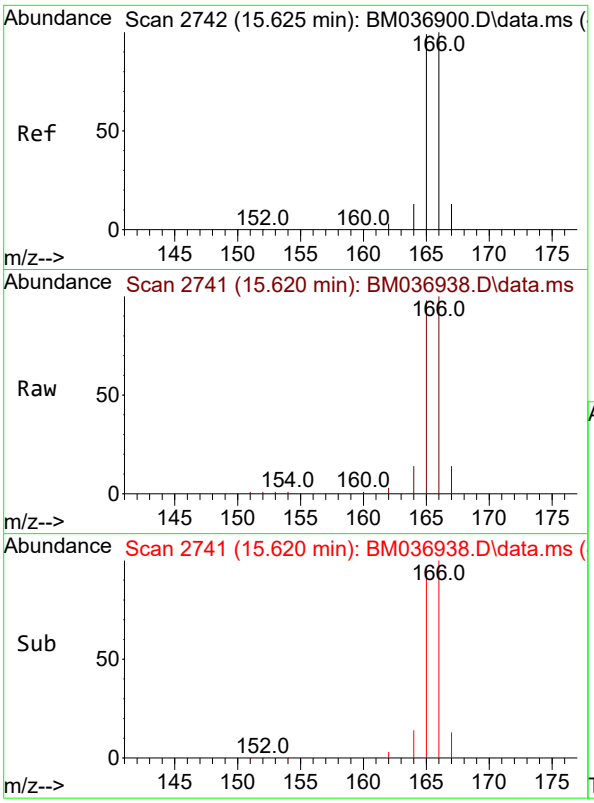


#11
Acenaphthene
Concen: 0.301 ng/ul
RT: 14.640 min Scan# 2529
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Tgt Ion:153 Resp: 15093

Ion	Ratio	Lower	Upper
153	100		
152	50.1	40.2	60.4
154	88.2	69.7	104.5



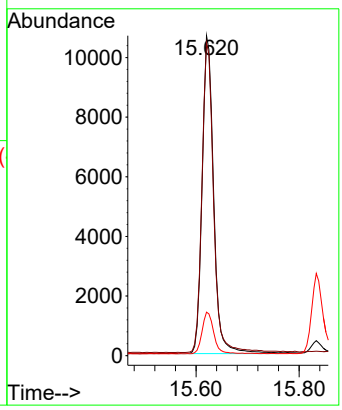


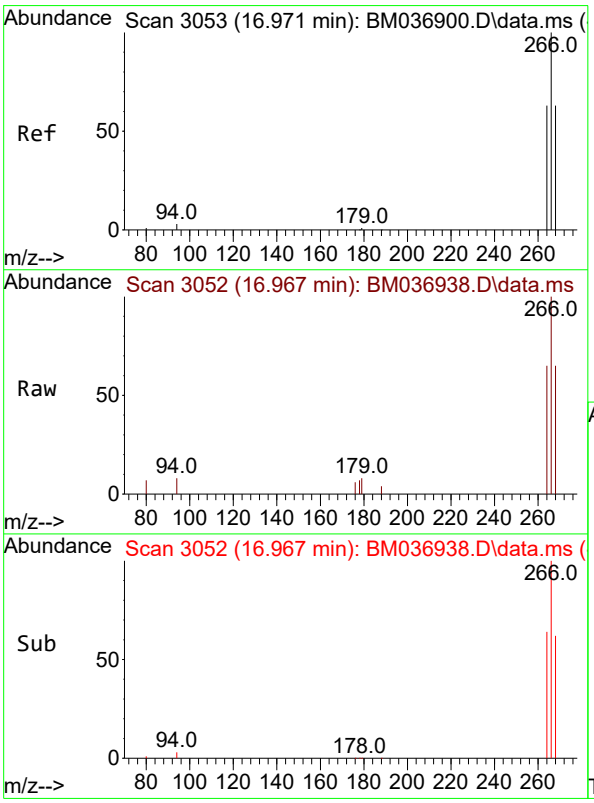
#12
Fluorene
Concen: 0.289 ng/ul
RT: 15.620 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 16454

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.9	118.3
167	13.6	11.3	16.9

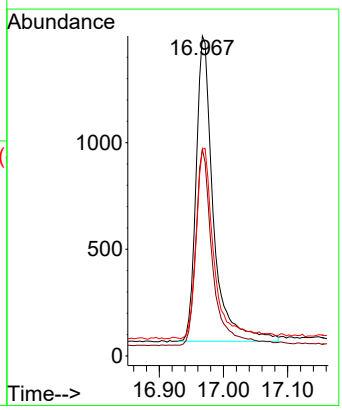


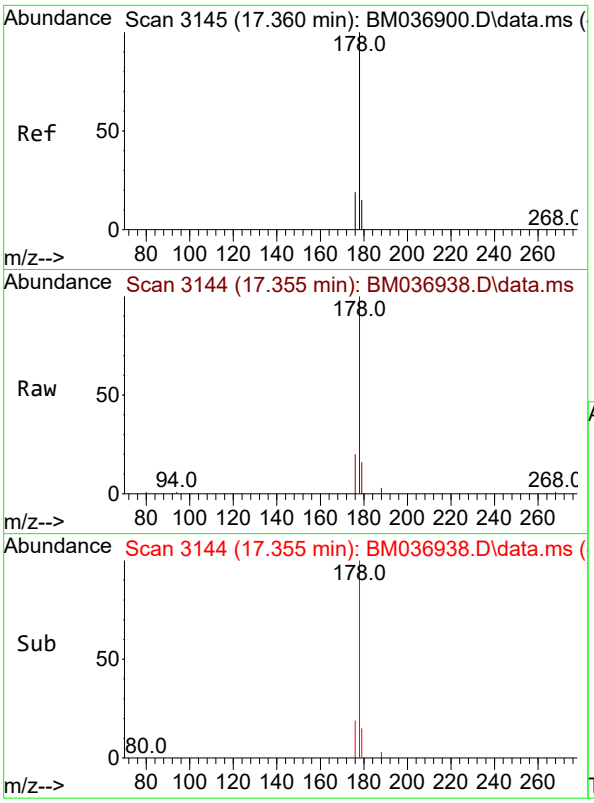


#14
Pentachlorophenol
Concen: 0.403 ng/ul
RT: 16.967 min Scan# 3052
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Tgt Ion:266 Resp: 2673

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.3	75.5
268	64.6	53.5	80.3



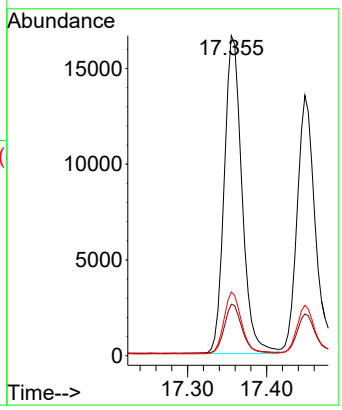


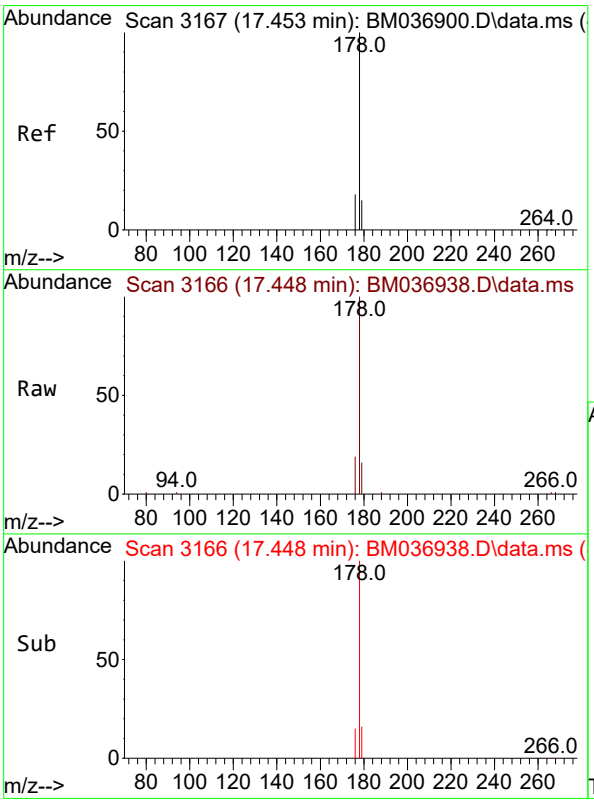
#15
Phenanthrene
Concen: 0.295 ng/ul
RT: 17.355 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 25857

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.0	19.6
176	19.9	15.6	23.4

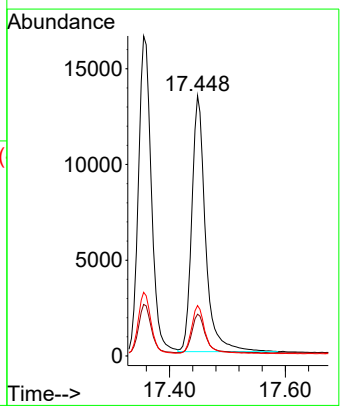


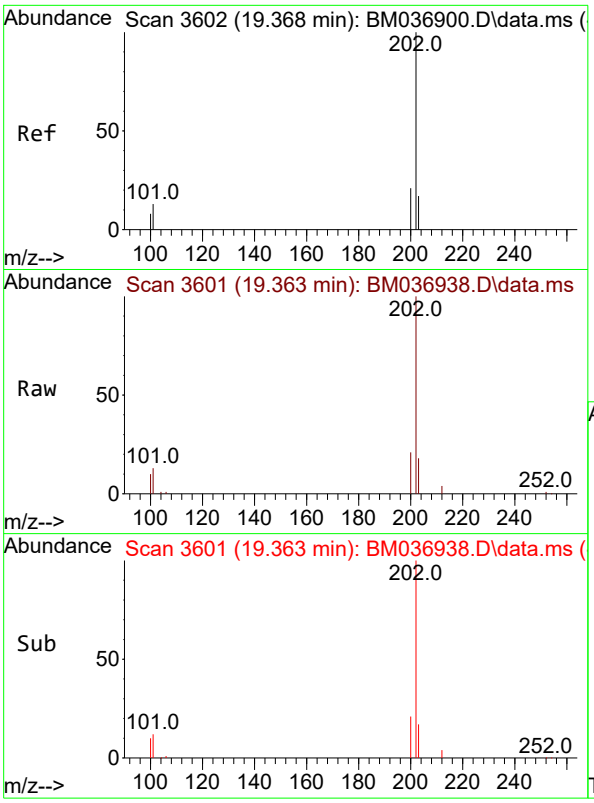


#16
Anthracene
Concen: 0.299 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Tgt Ion:178 Resp: 21905

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.6	20.4
176	19.3	15.6	23.4



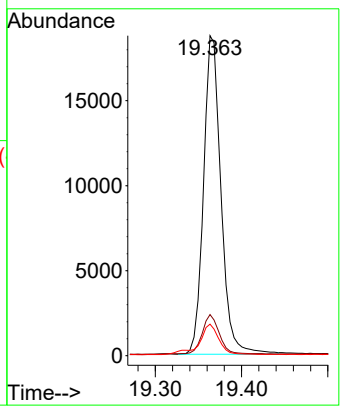


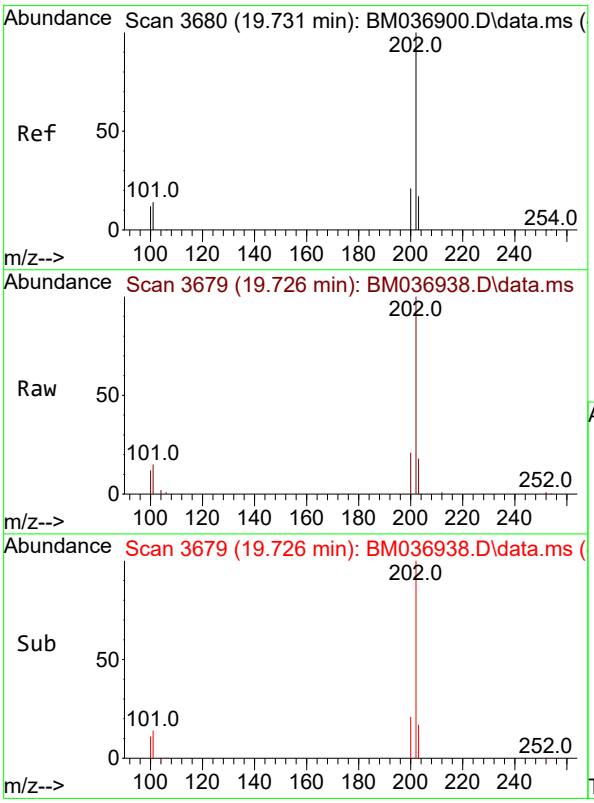
#19
Fluoranthene
Concen: 0.379 ng/ul
RT: 19.363 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 26344

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.1	15.1
100	9.8	7.9	11.9

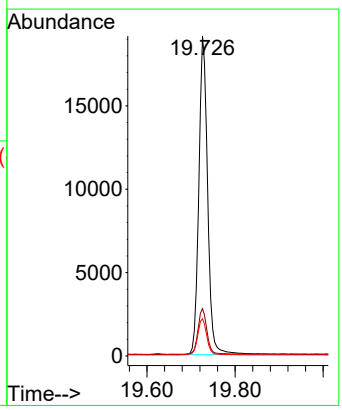


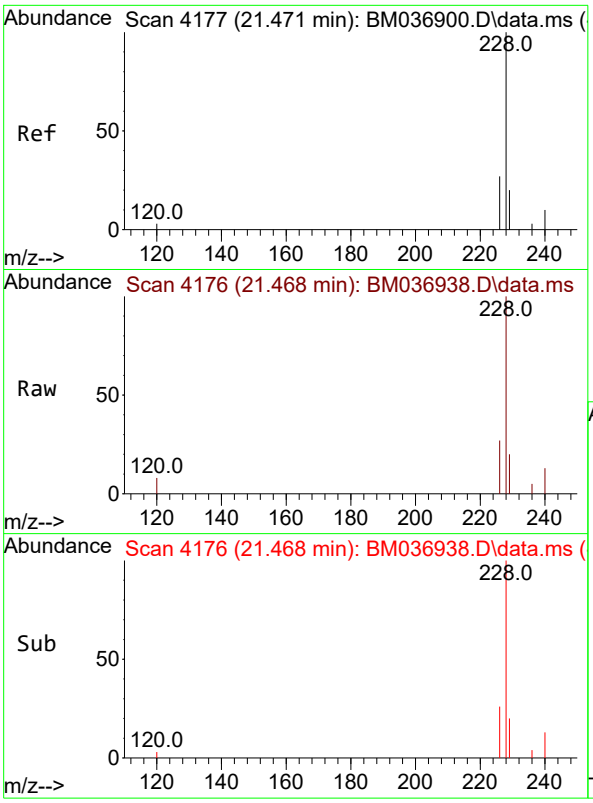


#20
Pyrene
Concen: 0.366 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Tgt Ion:202 Resp: 26584

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.0	18.0
100	11.6	9.8	14.6



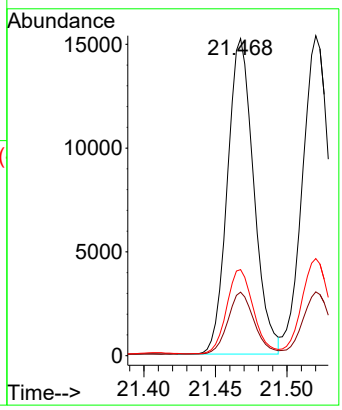


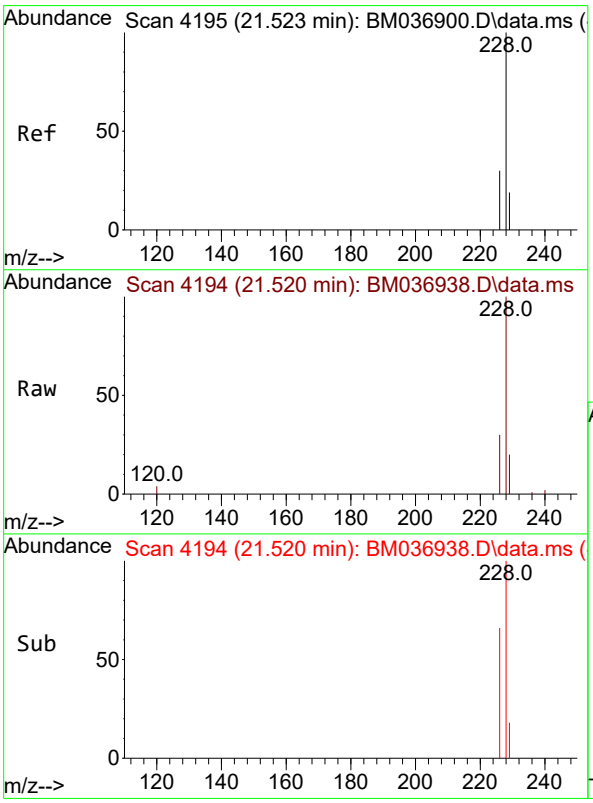
#21
Benzo(a)anthracene
Concen: 0.308 ng/ul
RT: 21.468 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 19479

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.2	24.2
226	27.1	22.5	33.7

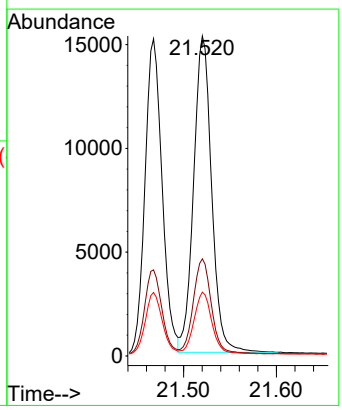


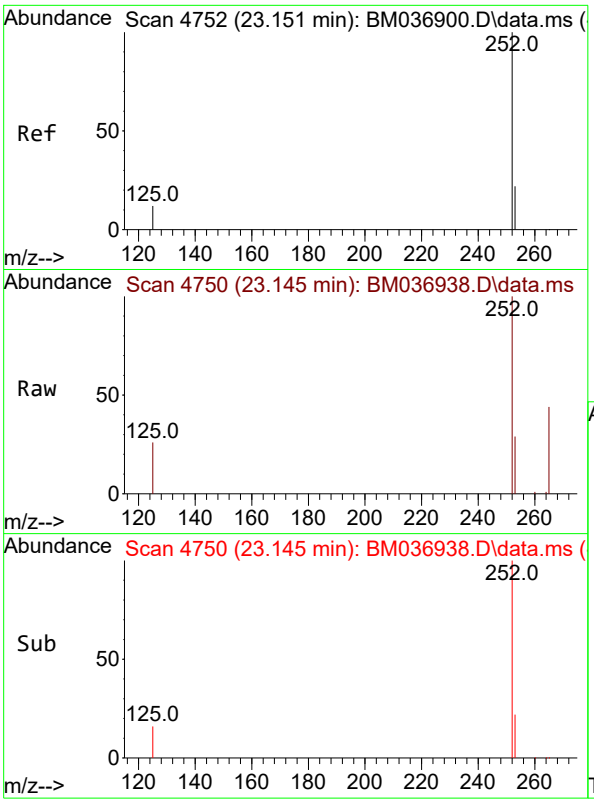


#22
Chrysene
Concen: 0.303 ng/ul
RT: 21.520 min Scan# 4194
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Tgt Ion:228 Resp: 20549

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	20.0	16.4	24.6



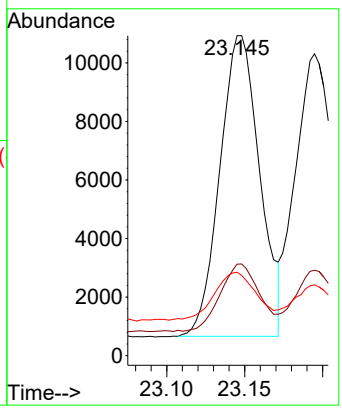


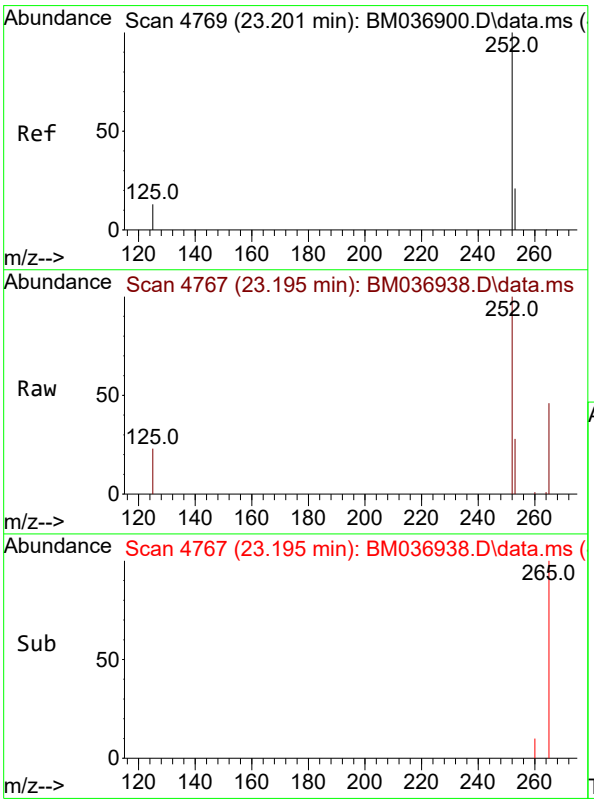
#24
Benzo(b)fluoranthene
Concen: 0.316 ng/ul
RT: 23.145 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 18271

Ion	Ratio	Lower	Upper
252	100		
253	28.6	0.0	61.4
125	26.1	0.0	42.6

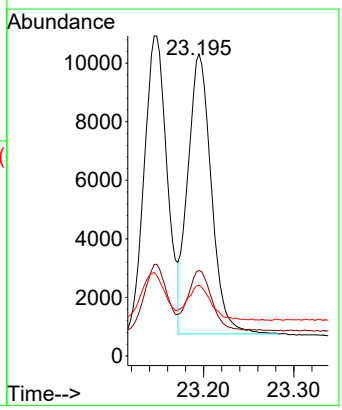


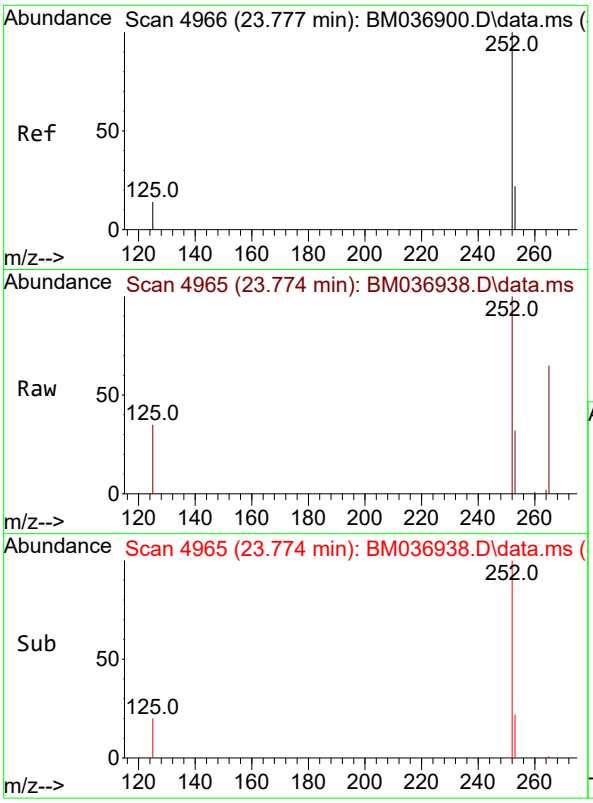


#25
Benzo(k)fluoranthene
Concen: 0.307 ng/ul
RT: 23.195 min Scan# 4767
Delta R.T. -0.000 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Tgt Ion:252 Resp: 17318

Ion	Ratio	Lower	Upper
252	100		
253	28.3	25.2	37.8
125	23.5	18.3	27.5



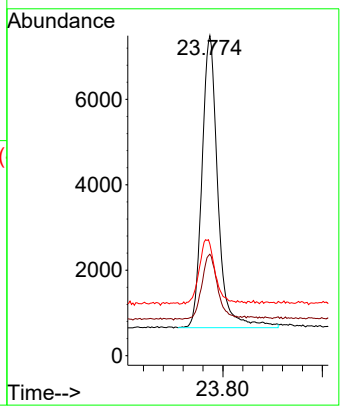


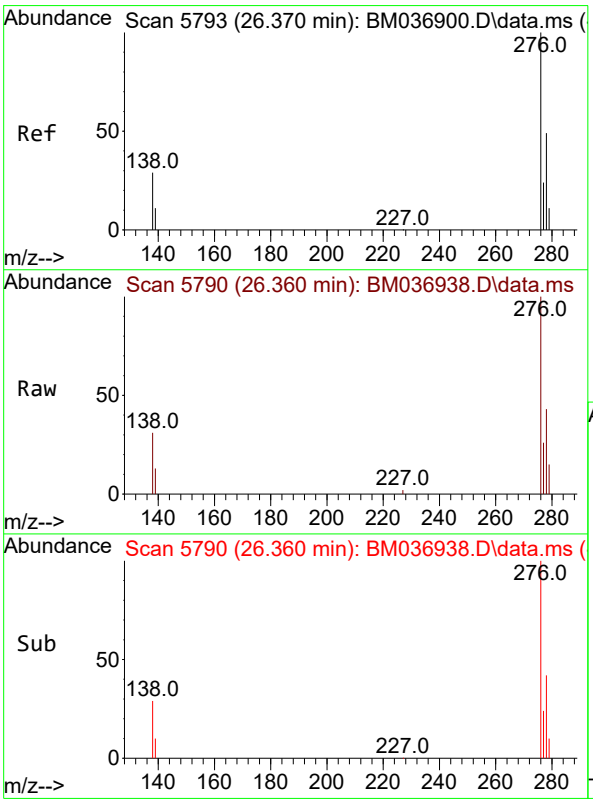
#26
Benzo(a)pyrene
Concen: 0.324 ng/ul
RT: 23.774 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 15204

Ion	Ratio	Lower	Upper
252	100		
253	31.7	29.7	44.5
125	34.8	23.6	35.4

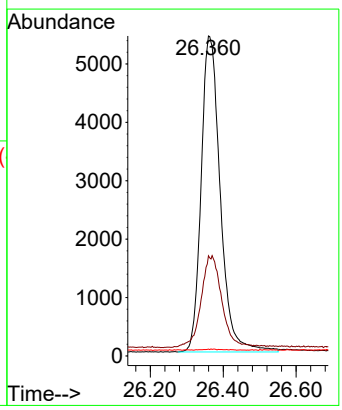


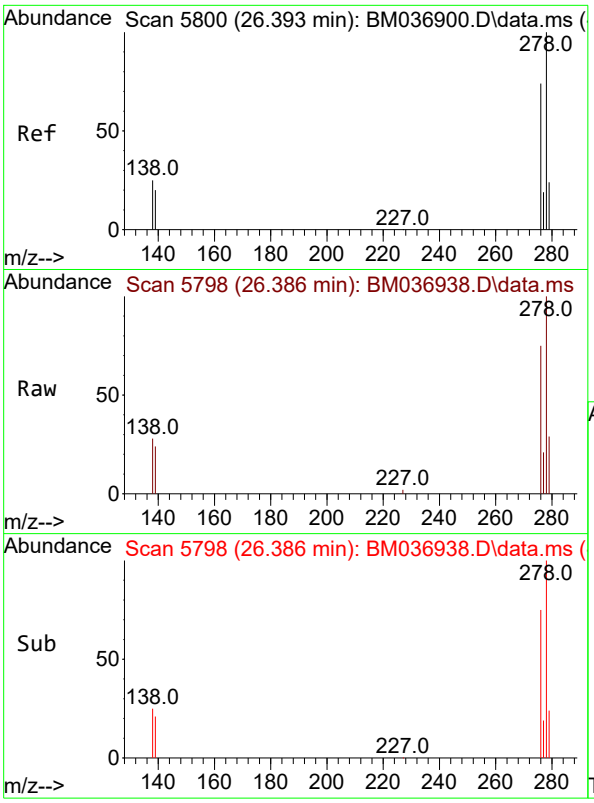


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.296 ng/ul
RT: 26.360 min Scan# 5790
Delta R.T. -0.003 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Tgt Ion:276 Resp: 19684

Ion	Ratio	Lower	Upper
276	100		
138	31.3	23.9	35.9
227	0.2	0.1	0.1#



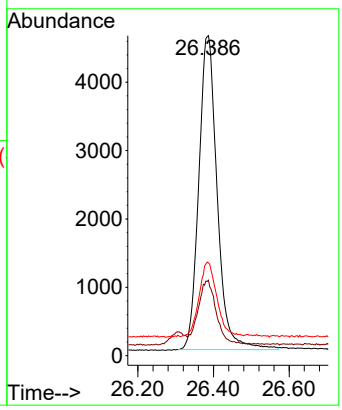


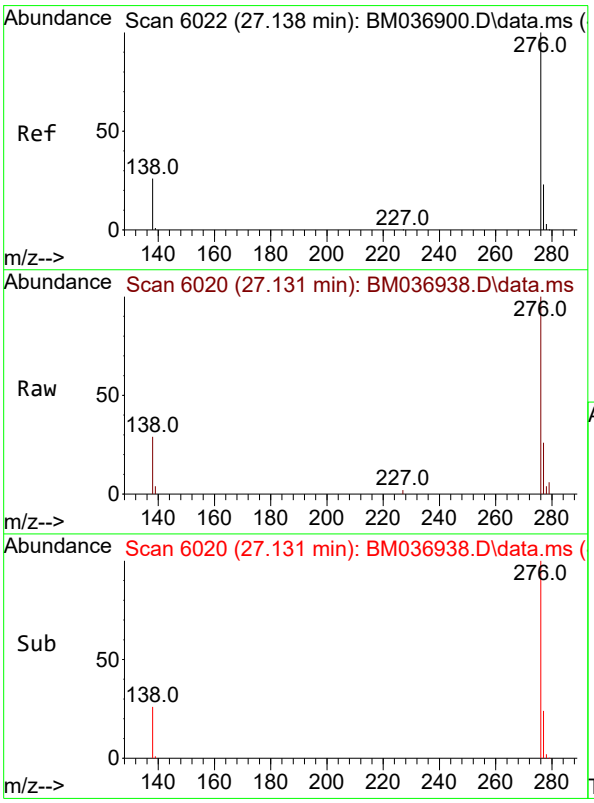
#28
Dibenzo(a,h)anthracene
Concen: 0.289 ng/ul
RT: 26.386 min Scan# 5
Delta R.T. 0.007 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 15513

Ion	Ratio	Lower	Upper
278	100		
139	23.6	19.8	29.6
279	29.1	27.7	41.5





#29
Benzo(g,h,i)perylene
Concen: 0.286 ng/ul
RT: 27.131 min Scan# 6020
Delta R.T. 0.003 min
Lab File: BM036938.D
Acq: 11 Oct 2022 10:18

Tgt Ion:276 Resp: 16763

Ion	Ratio	Lower	Upper
276	100		
138	29.1	23.4	35.0
277	26.0	21.0	31.4