Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
Data File : BM038948.D
Acq On : 09 Mar 2023 16:41
Operator : CG/JU
Sample : PB151257BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 09 18:13:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 13:36:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	9027	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	30160	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.631	164	17151	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	36320	0.400	ng/ul	0.00
17) Chrysene-d12	21.554	240	28462	0.400	ng/ul	0.00
23) Perylene-d12	24.001	264	19600	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	6739	0.660	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	12388	0.340	ng/ul	0.00
18) Fluoranthene-d10	19.397	212	24566	0.363	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.413	88	17006	1.644	ng/ul	92
5) Naphthalene	10.859	128	23848	0.331	ng/ul	100
7) 2-Methylnaphthalene	12.465	142	14818	0.339	ng/ul	100
8) 1-Methylnaphthalene	12.685	142	15528	0.338	ng/ul	99
10) Acenaphthylene	14.354	152	19658	0.315	ng/ul	100
11) Acenaphthene	14.691	153	16425	0.320	ng/ul	98
12) Fluorene	15.677	166	18573	0.321	ng/ul	99
14) Pentachlorophenol	17.023	266	4672	0.535	ng/ul	99
15) Phenanthrene	17.415	178	30637	0.319	ng/ul	99
16) Anthracene	17.508	178	25655	0.325	ng/ul	99
19) Fluoranthene	19.429	202	33789	0.351	ng/ul	100
20) Pyrene	19.792	202	34865	0.352	ng/ul	98
21) Benzo(a)anthracene	21.537	228	28348	0.352	ng/ul	99
22) Chrysene	21.589	228	31264	0.323	ng/ul	99
24) Benzo(b)fluoranthene	23.252	252	27110	0.354	ng/ul	96
25) Benzo(k)fluoranthene	23.299	252	26165	0.342	ng/ul	97
26) Benzo(a)pyrene	23.890	252	20674	0.339	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.543	276	23850	0.309	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.567	278	19071	0.324	ng/ul	100
29) Benzo(g,h,i)perylene	27.321	276	20280	0.282	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
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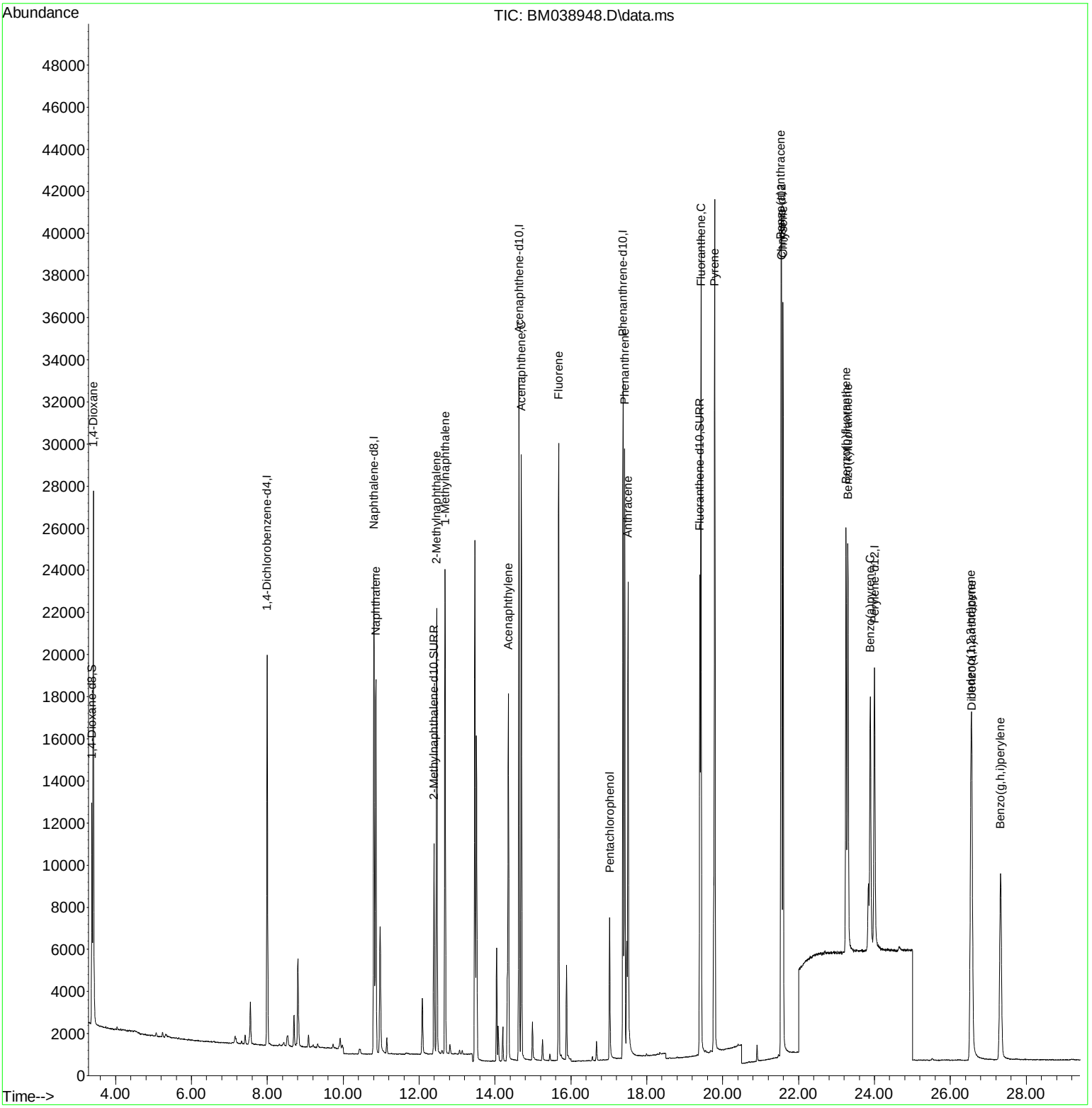
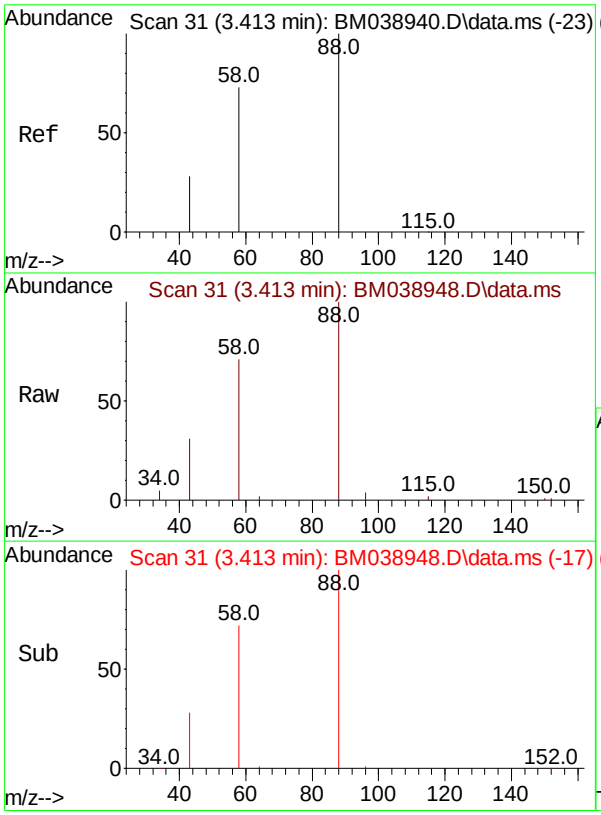
Quant Time: Mar 09 18:13:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 13:36:03 2023
Response via : Initial Calibration



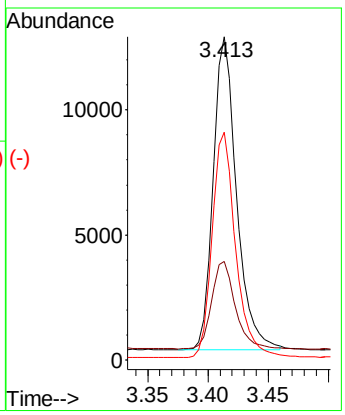


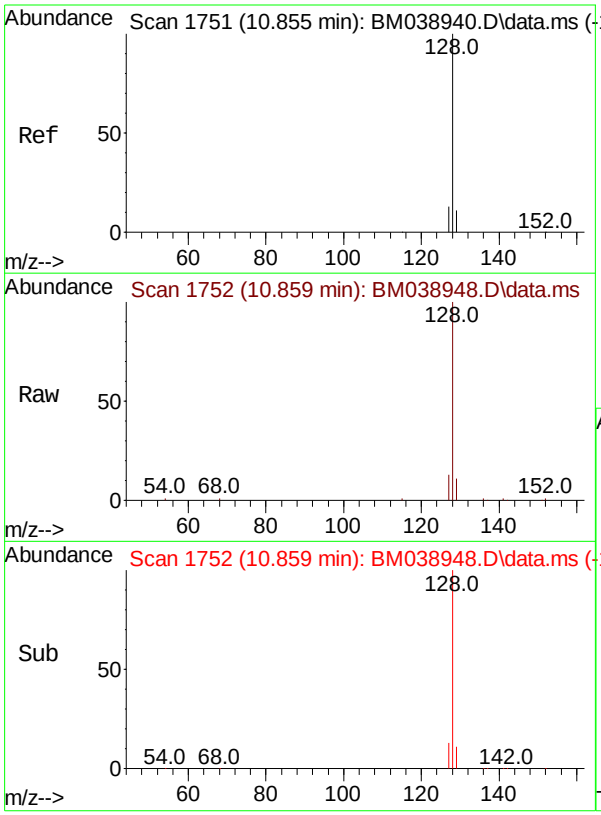
#2
1,4-Dioxane
Concen: 1.644 ng/ul
RT: 3.413 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 17006

Ion	Ratio	Lower	Upper
88	100		
43	30.6	27.2	40.8
58	70.6	50.8	76.2

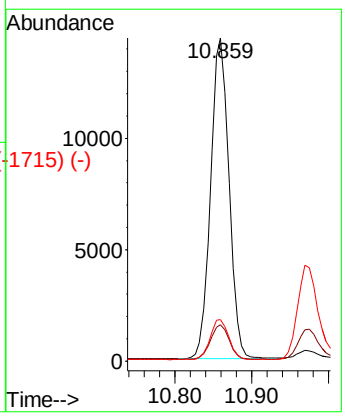


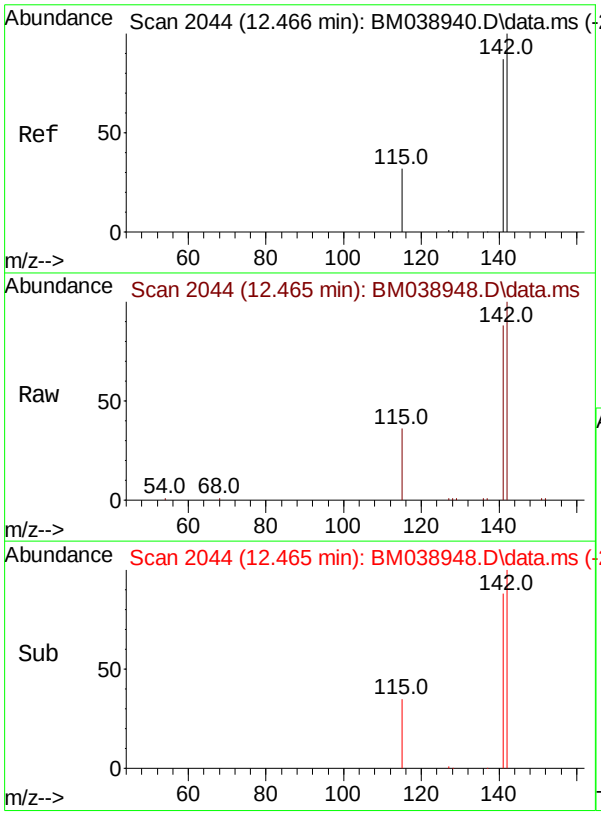


#5
Naphthalene
Concen: 0.331 ng/ul
RT: 10.859 min Scan# 1752
Delta R.T. 0.004 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:128 Resp: 23848

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	12.9	10.3	15.5



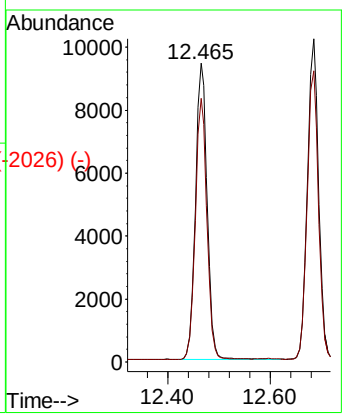


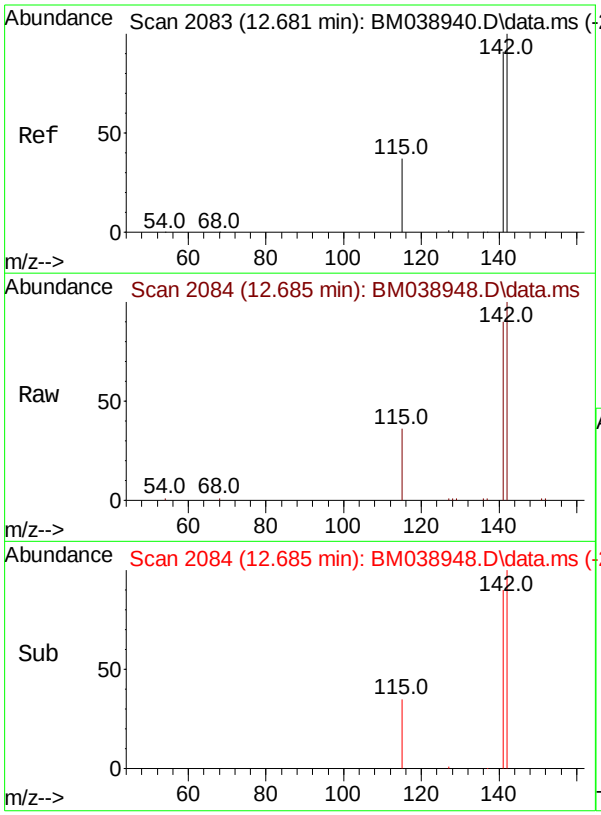
#7
2-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.465 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 14818

Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.9	104.9

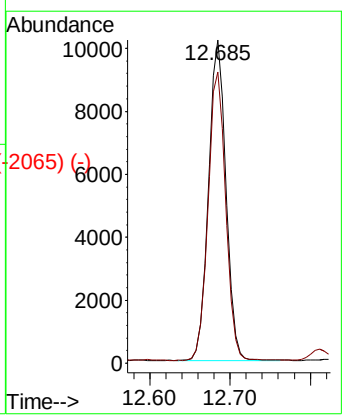


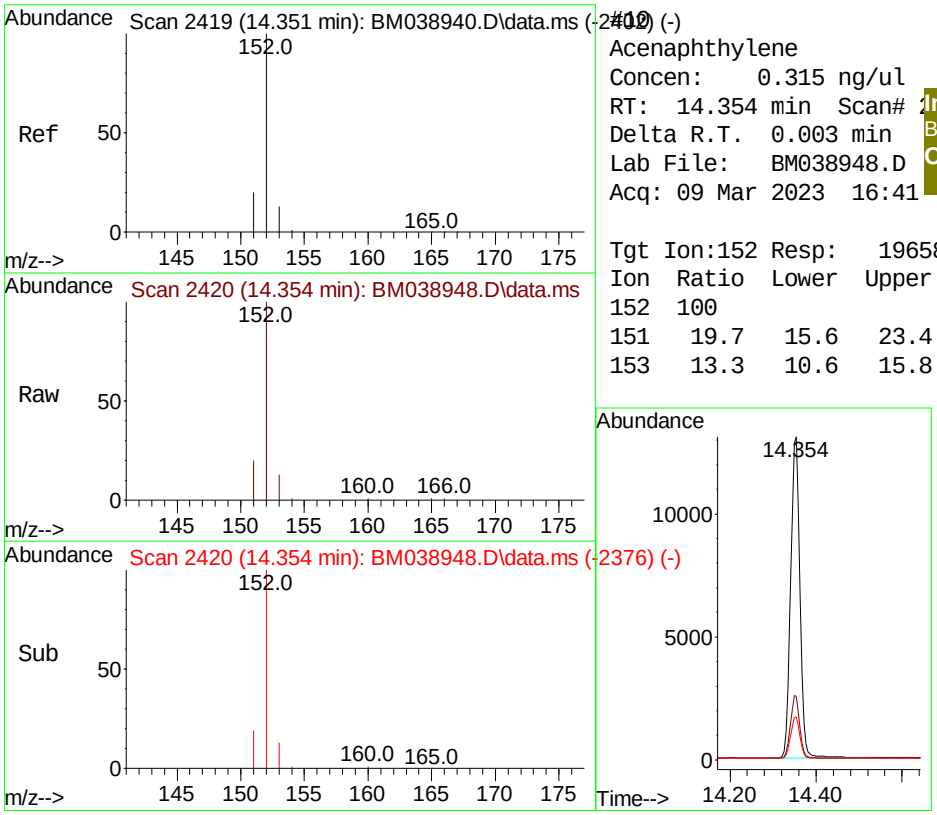


#8
1-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.685 min Scan# 2084
Delta R.T. 0.004 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:142 Resp: 15528

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.5	110.3



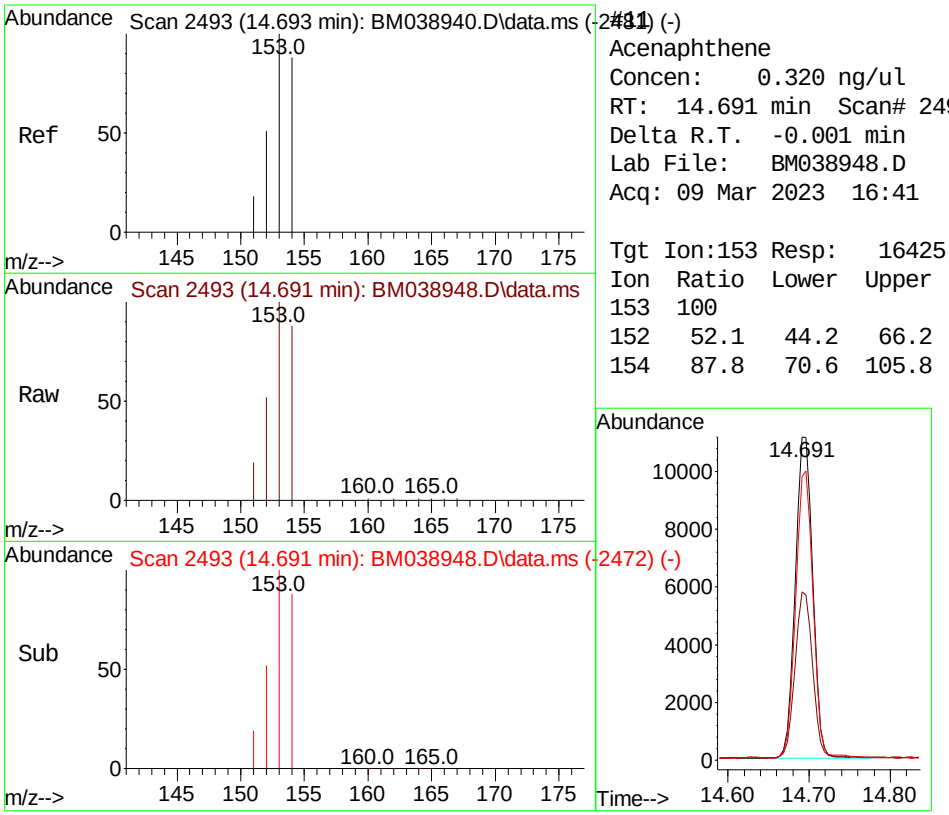


#10
Acenaphthylene
Concen: 0.315 ng/ul
RT: 14.354 min Scan# 2
Delta R.T. 0.003 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 19658

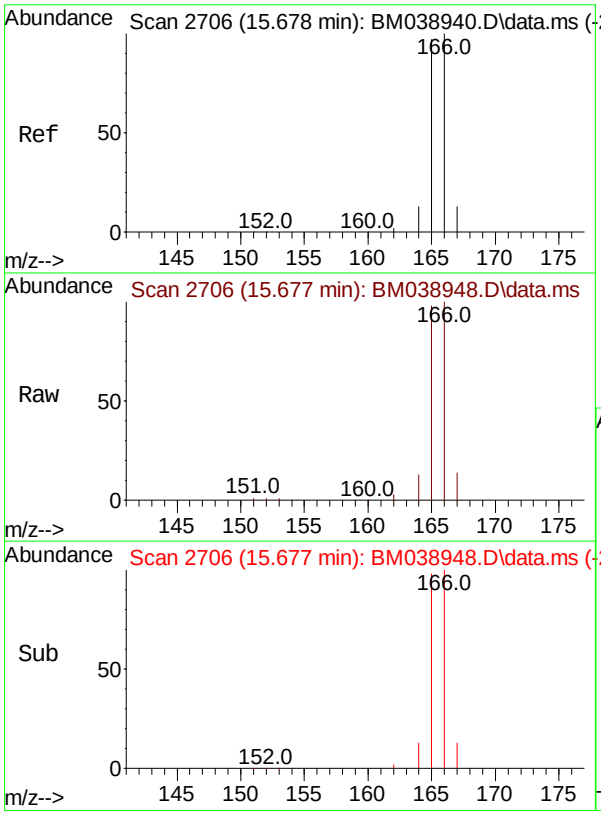
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.3	10.6	15.8



#11
Acenaphthene
Concen: 0.320 ng/ul
RT: 14.691 min Scan# 2493
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:153 Resp: 16425

Ion	Ratio	Lower	Upper
153	100		
152	52.1	44.2	66.2
154	87.8	70.6	105.8

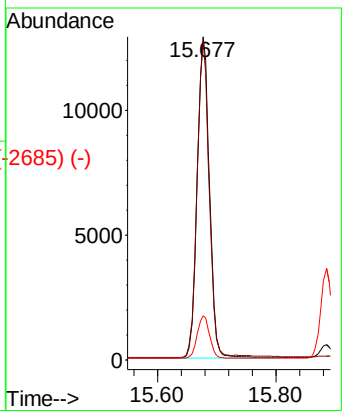


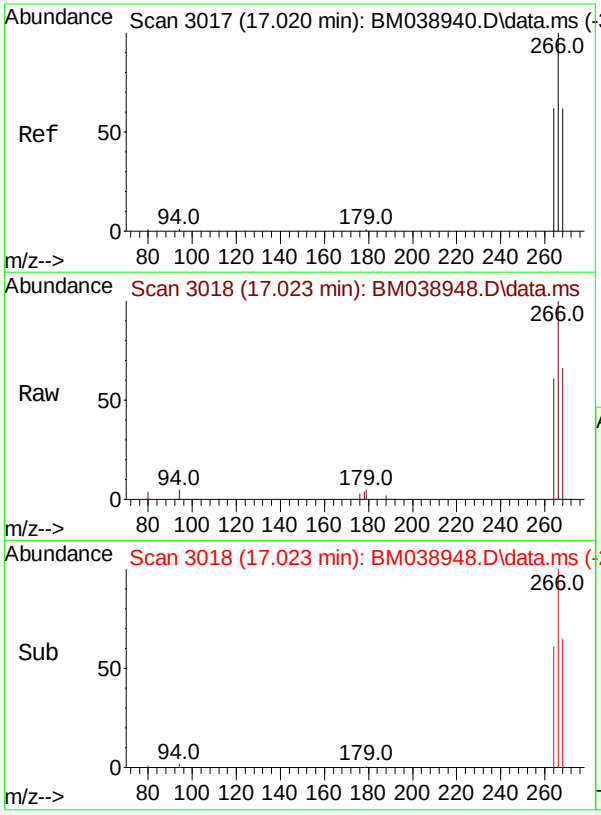
#12
Fluorene
Concen: 0.321 ng/ul
RT: 15.677 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 18573

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.6
167	13.7	11.4	17.2

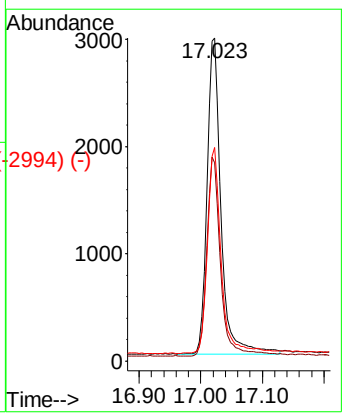


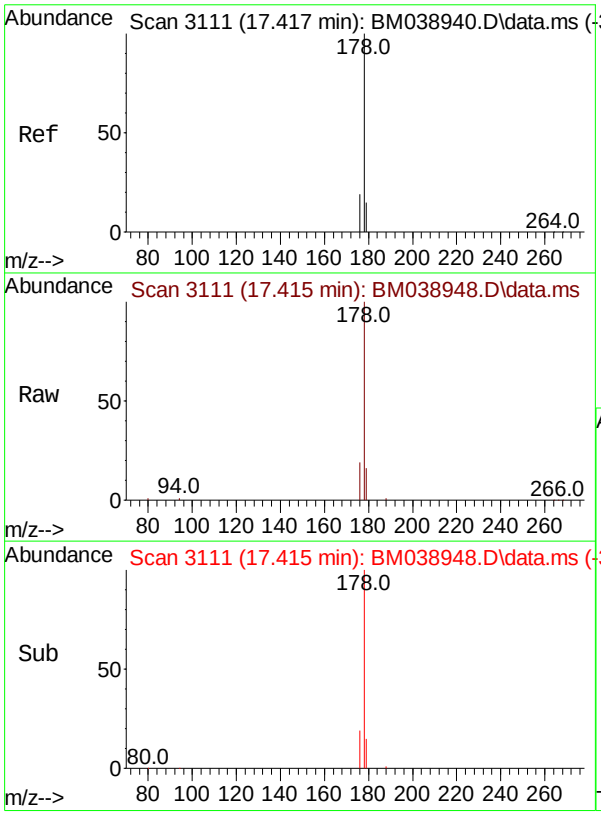


#14
Pentachlorophenol
Concen: 0.535 ng/ul
RT: 17.023 min Scan# 3018
Delta R.T. 0.003 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:266 Resp: 4672

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.2	75.2
268	64.6	50.2	75.4



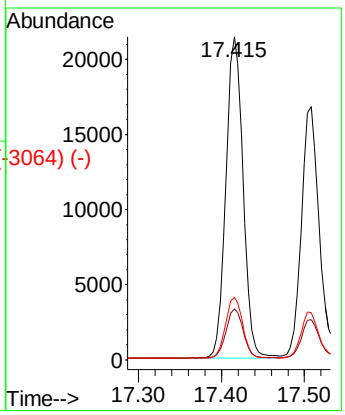


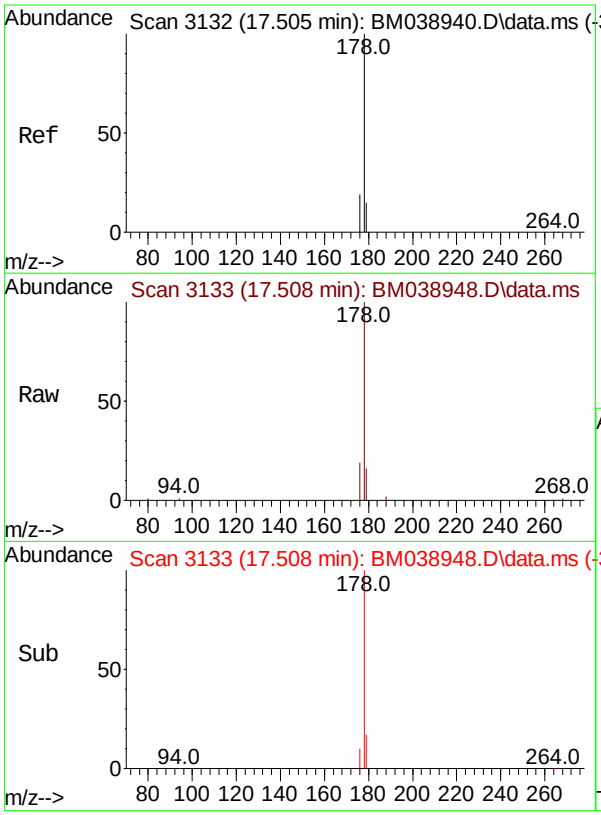
#15
Phenanthrene
Concen: 0.319 ng/ul
RT: 17.415 min Scan# 1
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 30637

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	19.3	15.9	23.9

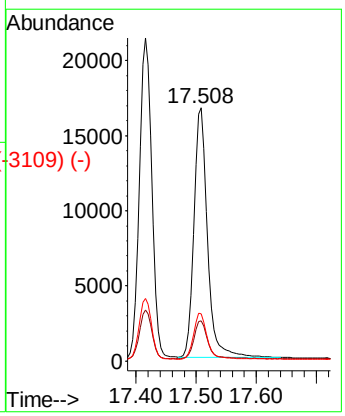


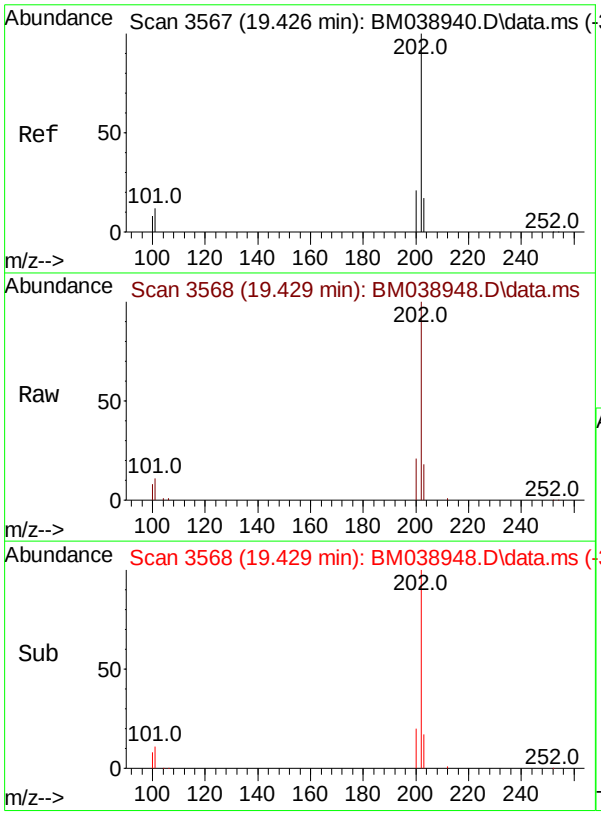


#16
Anthracene
Concen: 0.325 ng/ul
RT: 17.508 min Scan# 3133
Delta R.T. 0.003 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:178 Resp: 25655

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.6
176	18.8	15.4	23.2



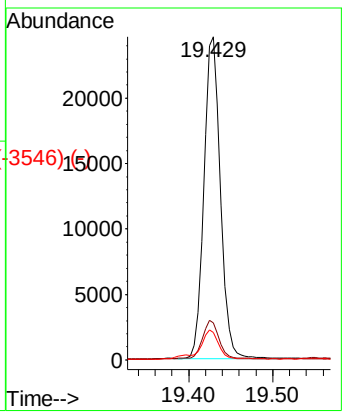


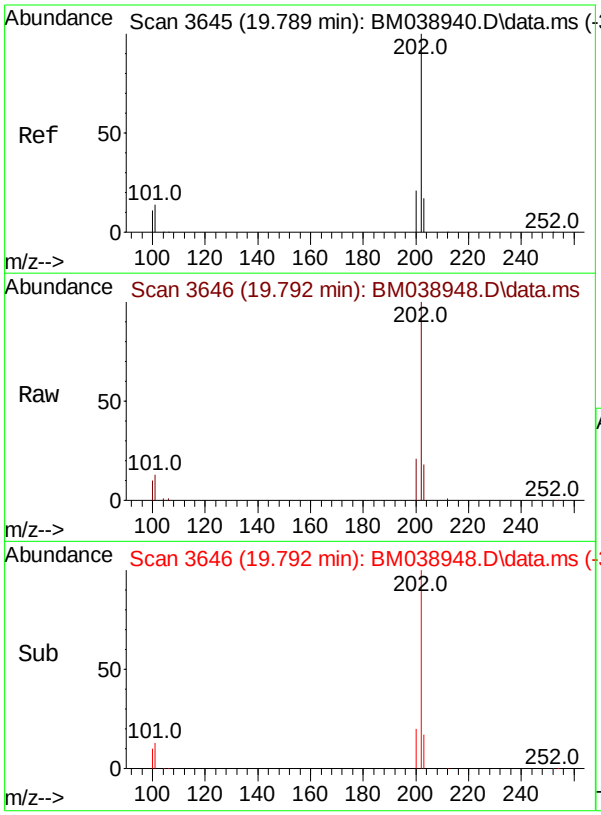
#19
Fluoranthene
Concen: 0.351 ng/ul
RT: 19.429 min Scan# 1
Delta R.T. 0.003 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 33789

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
100	8.4	6.8	10.2

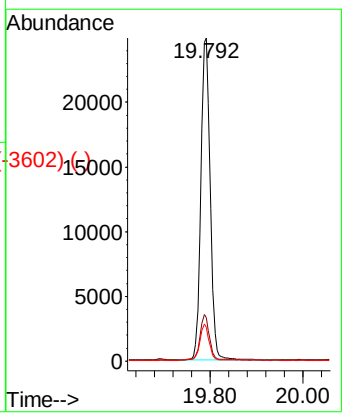


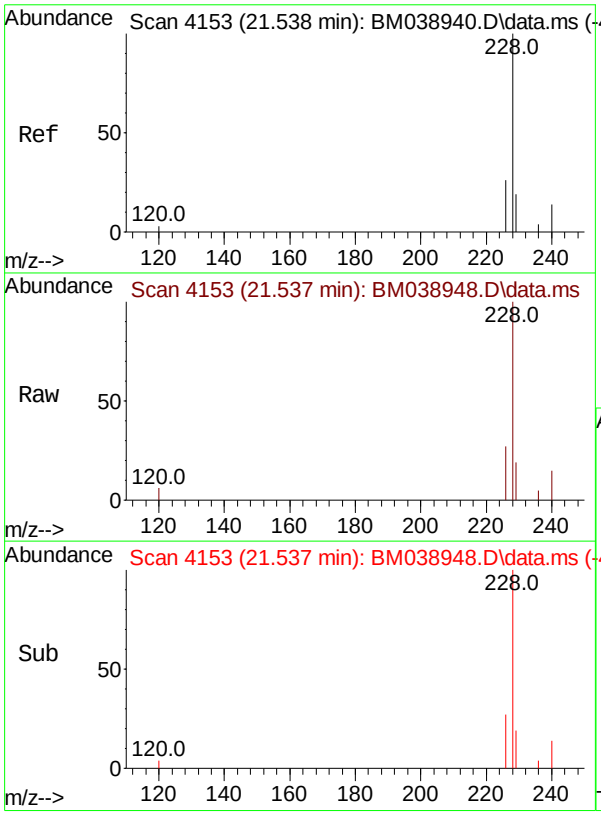


#20
Pyrene
Concen: 0.352 ng/ul
RT: 19.792 min Scan# 3646
Delta R.T. 0.003 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:202 Resp: 34865

Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.2	16.8
100	10.4	9.0	13.6



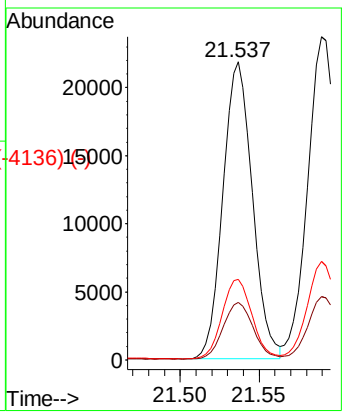


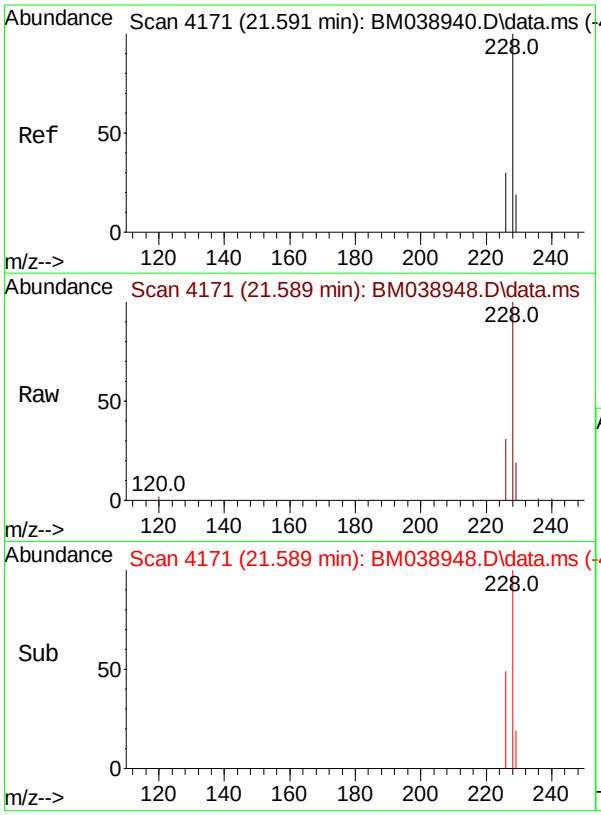
#34
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.537 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 28348

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.6	23.4
226	27.0	22.0	33.0

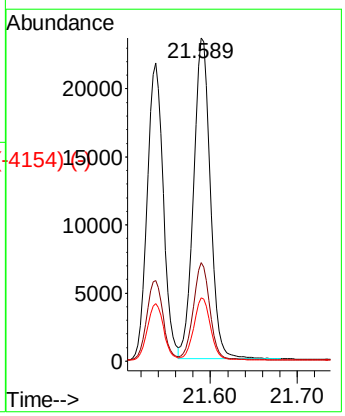


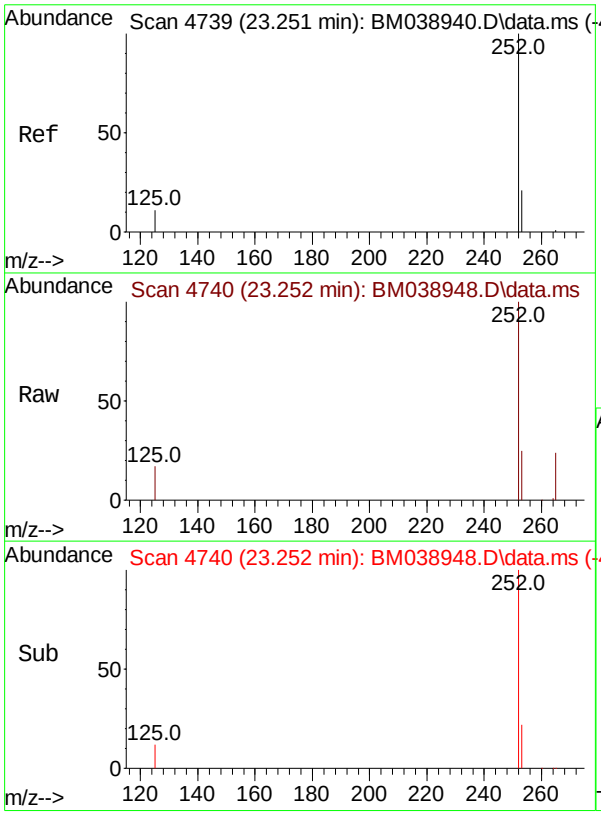


#32
Chrysene
Concen: 0.323 ng/ul
RT: 21.589 min Scan# 4171
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:228 Resp: 31264

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	19.5	15.7	23.5



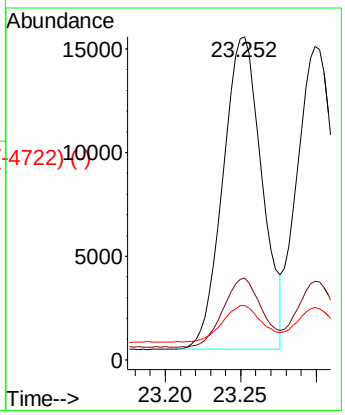


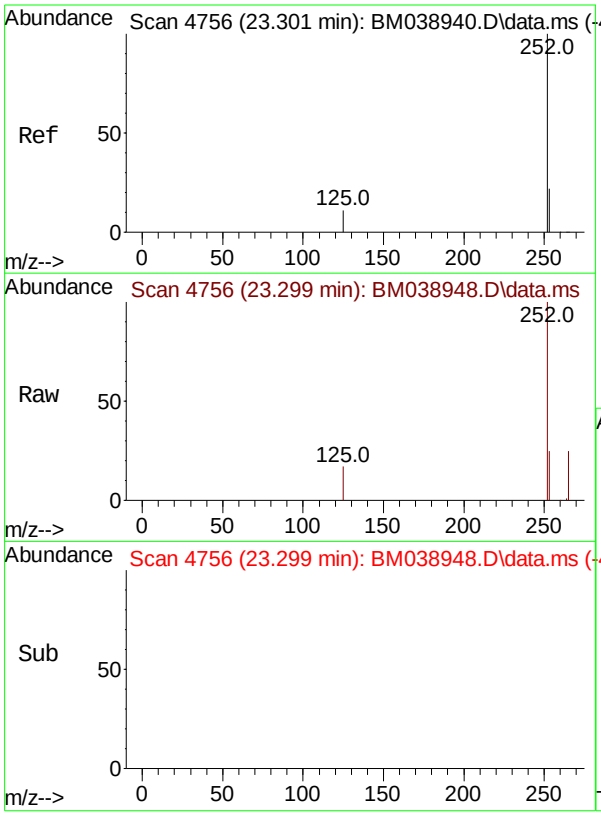
#24
Benzo(b)fluoranthene
Concen: 0.354 ng/ul
RT: 23.252 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 27110

Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	47.6
125	16.8	0.0	29.2

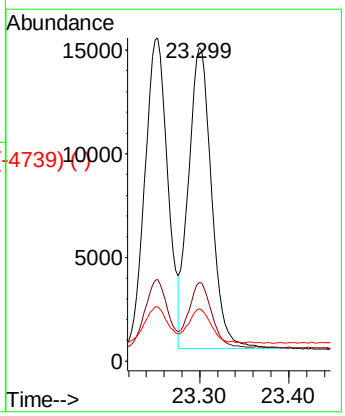


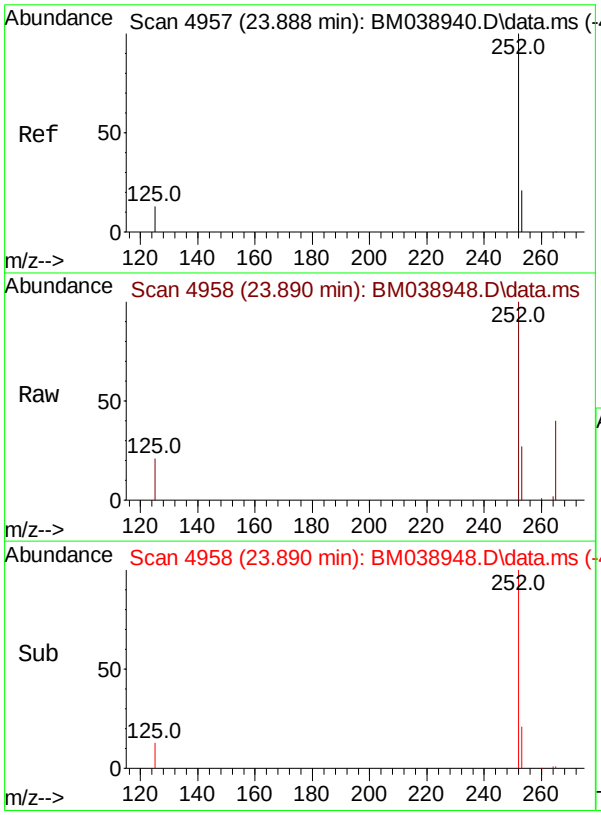


#25
Benzo(k)fluoranthene
Concen: 0.342 ng/ul
RT: 23.299 min Scan# 4756
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:252 Resp: 26165

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.2	28.8
125	16.7	11.8	17.6



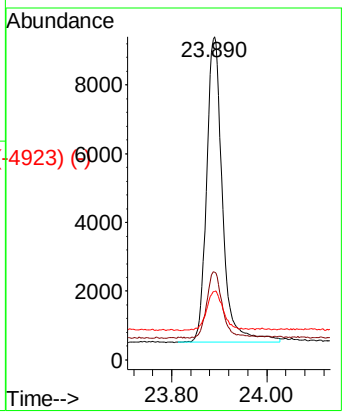


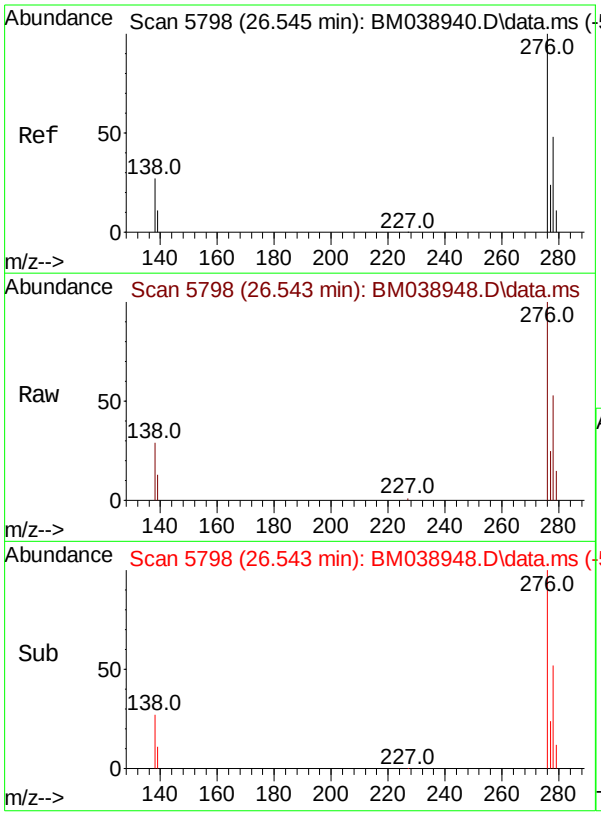
#26
Benzo(a)pyrene
Concen: 0.339 ng/ul
RT: 23.890 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 20674

Ion	Ratio	Lower	Upper
252	100		
253	27.1	20.3	30.5
125	21.2	14.0	21.0#

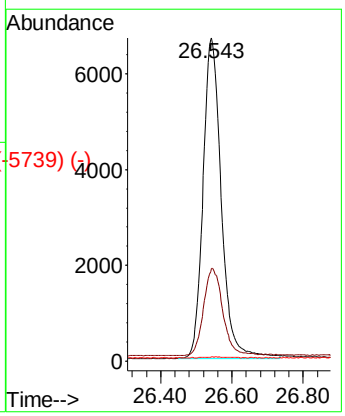


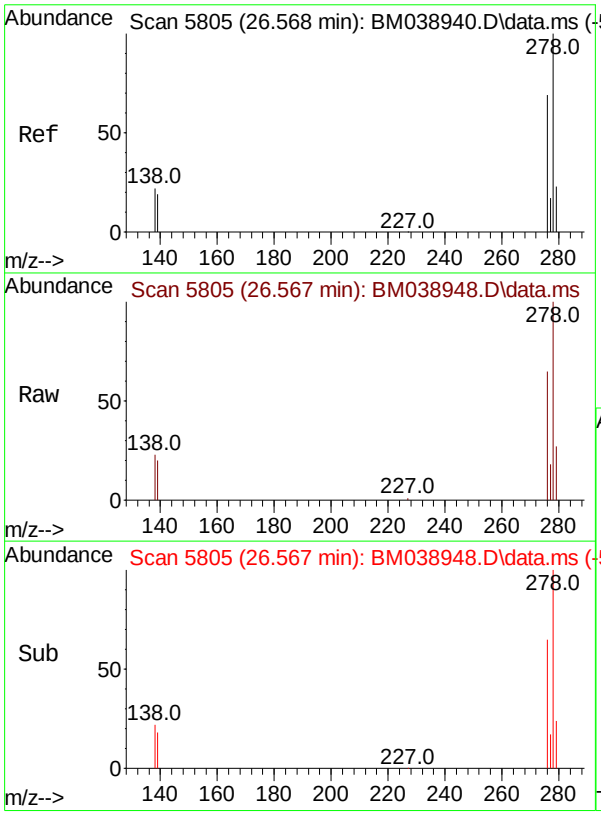


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.309 ng/ul
RT: 26.543 min Scan# 5798
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:276 Resp: 23850

Ion	Ratio	Lower	Upper
276	100		
138	28.5	22.2	33.4
227	0.0	0.2	0.2#



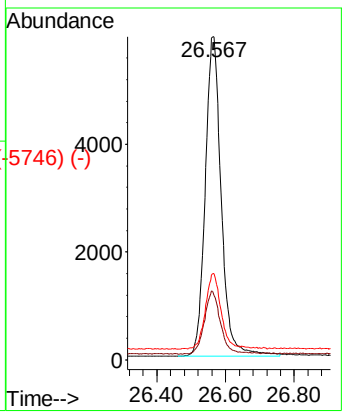


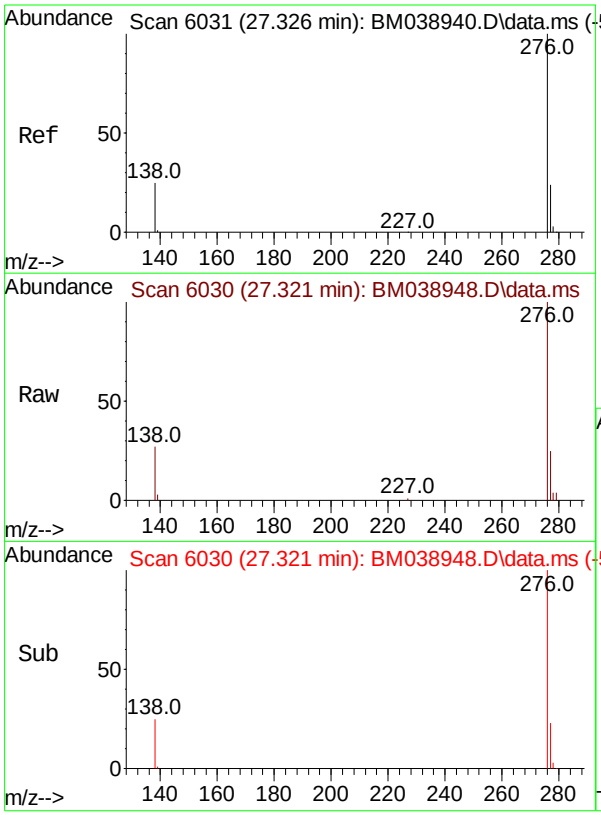
#28
Dibenzo(a,h)anthracene
Concen: 0.324 ng/ul
RT: 26.567 min Scan# 5
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 19071

Ion	Ratio	Lower	Upper
278	100		
139	20.0	16.0	24.0
279	26.8	21.8	32.6





#29
Benzo(g,h,i)perylene
Concen: 0.282 ng/ul
RT: 27.321 min Scan# 6030
Delta R.T. -0.005 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:276 Resp: 20280

Ion	Ratio	Lower	Upper
276	100		
138	27.0	20.2	30.4
277	24.9	19.8	29.8