

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038940.D
 Acq On : 09 Mar 2023 11:37
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 09 13:32:56 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 : Fri Mar 03 22:01:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

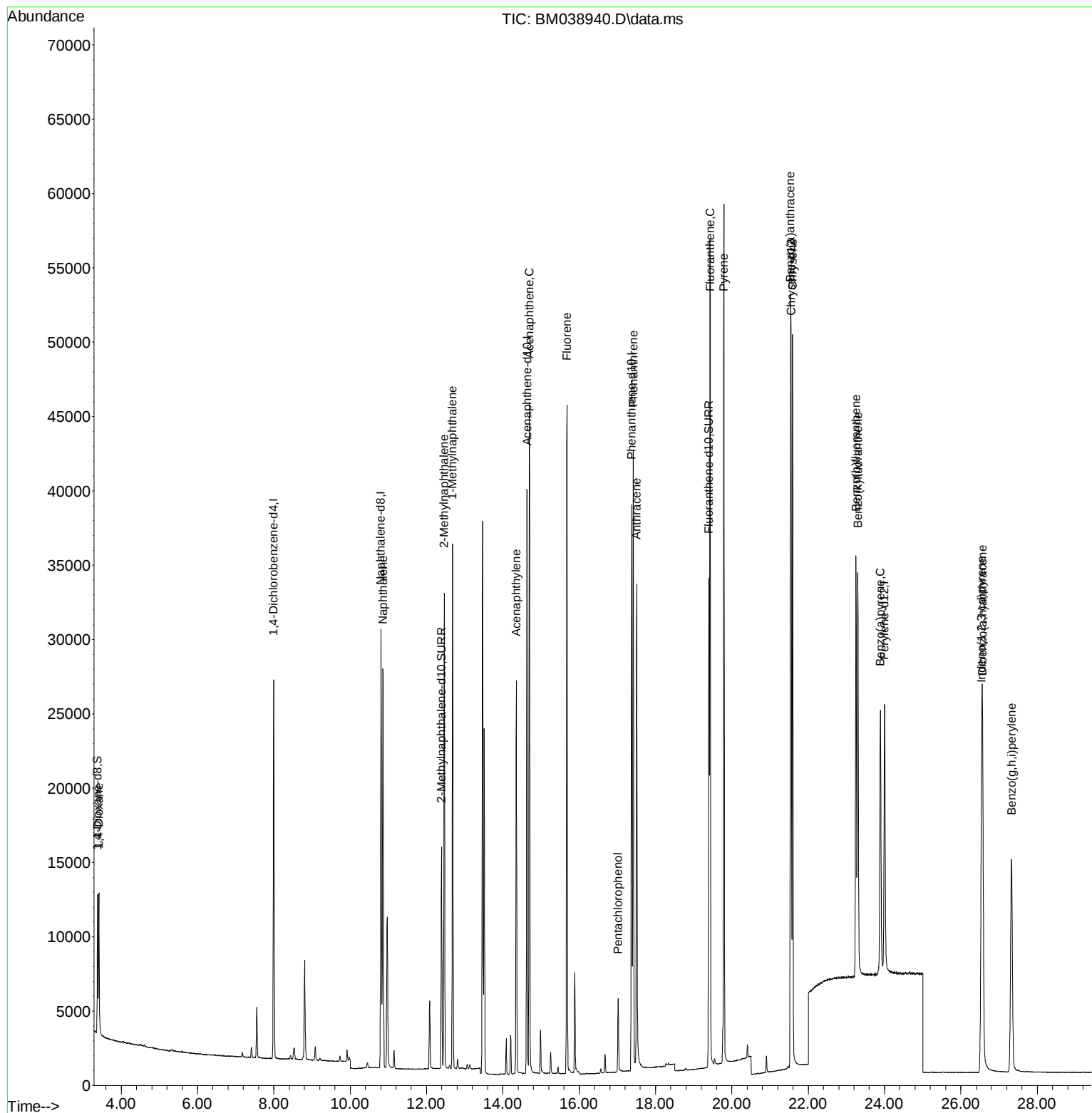
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	12397	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.806	136	39364	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.633	164	21426	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.375	188	43347	0.400	ng/ul	-0.01
17) Chrysene-d12	21.553	240	34829	0.400	ng/ul	0.00
23) Perylene-d12	23.999	264	25037	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	5884	0.419	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.389	152	19051	0.400	ng/ul	-0.02
18) Fluoranthene-d10	19.398	212	33468	0.404	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.413	88	6135	0.432	ng/ul	97
5) Naphthalene	10.855	128	36767	0.391	ng/ul	100
7) 2-Methylnaphthalene	12.466	142	22577	0.395	ng/ul	100
8) 1-Methylnaphthalene	12.681	142	23476	0.392	ng/ul	99
10) Acenaphthylene	14.351	152	28976	0.372	ng/ul	99
11) Acenaphthene	14.693	153	24657	0.385	ng/ul	98
12) Fluorene	15.678	166	27570	0.381	ng/ul	100
14) Pentachlorophenol	17.020	266	3416	0.328	ng/ul	99
15) Phenanthrene	17.417	178	44103	0.385	ng/ul	99
16) Anthracene	17.505	178	36887	0.391	ng/ul	99
19) Fluoranthene	19.426	202	47079	0.399	ng/ul	98
20) Pyrene	19.789	202	48418	0.400	ng/ul	100
21) Benzo(a)anthracene	21.538	228	38185	0.388	ng/ul	99
22) Chrysene	21.591	228	41372	0.349	ng/ul	100
24) Benzo(b)fluoranthene	23.251	252	38355	0.392	ng/ul	98
25) Benzo(k)fluoranthene	23.301	252	36401	0.372	ng/ul	98
26) Benzo(a)pyrene	23.888	252	29758	0.382	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.545	276	38158	0.387	ng/ul	98
28) Dibenzo(a,h)anthracene	26.568	278	30610	0.407	ng/ul	98
29) Benzo(g,h,i)perylene	27.326	276	33040	0.360	ng/ul	99

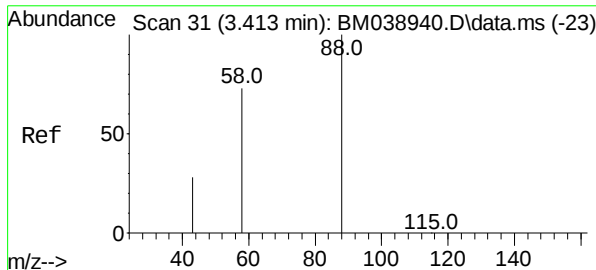
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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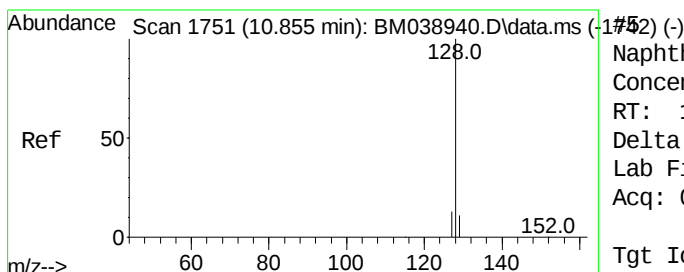
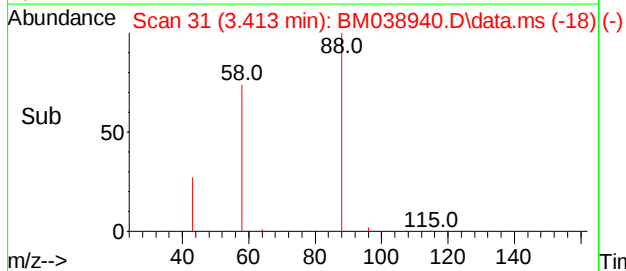
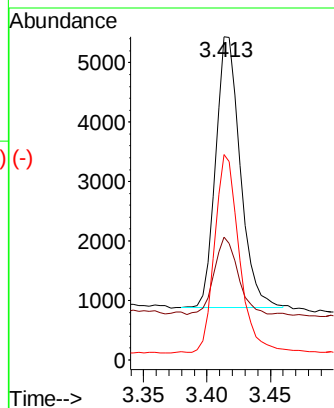
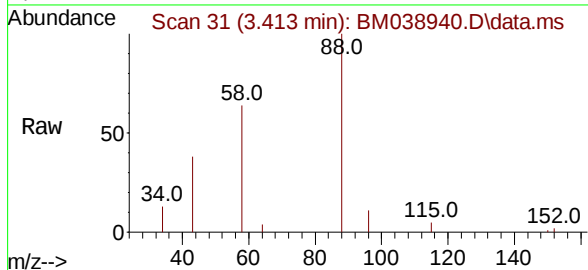




1,4-Dioxane
Concen: 0.432 ng/ul
RT: 3.413 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038940.D
Acq: 09 Mar 2023 11:37

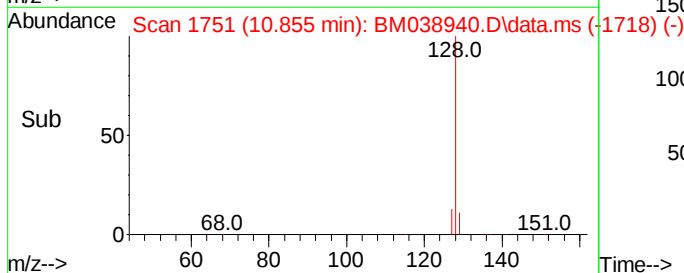
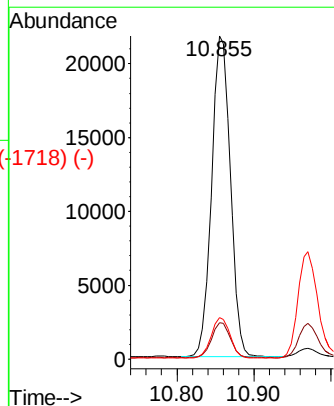
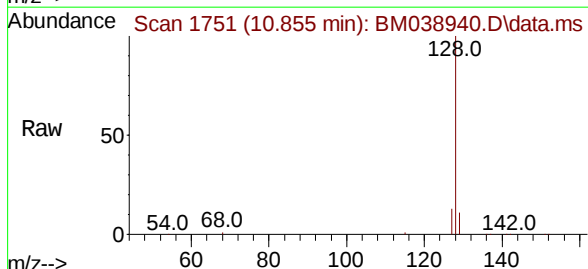
Instrument :
BNA_M
ClientSampleId :

Tgt Ion:	88	Resp:	6135
Ion	Ratio	Lower	Upper
88	100		
43	38.0	27.2	40.8
58	63.7	50.8	76.2

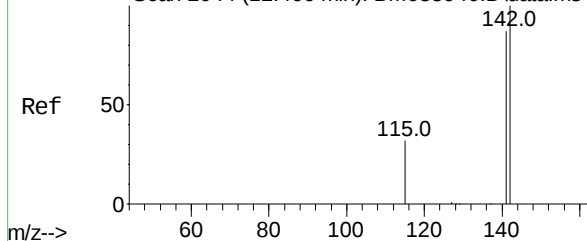


Naphthalene
Concen: 0.391 ng/ul
RT: 10.855 min Scan# 1751
Delta R.T. -0.020 min
Lab File: BM038940.D
Acq: 09 Mar 2023 11:37

Tgt Ion:	128	Resp:	36767
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	12.8	10.3	15.5



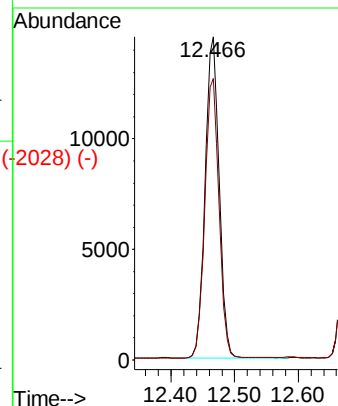
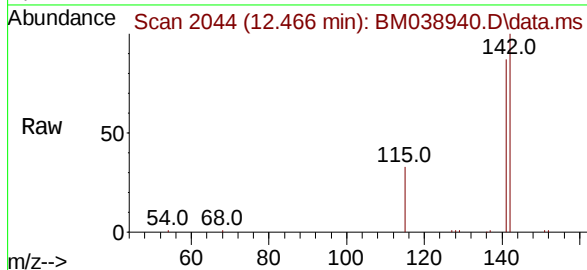
Abundance Scan 2044 (12.466 min): BM038940.D\data.ms (-2076) (-)



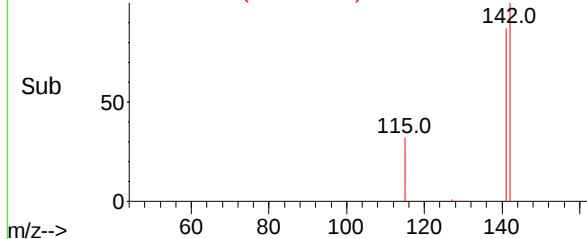
2-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.466 min Scan# 2044
Delta R.T. -0.014 min
Lab File: BM038940.D
Acq: 09 Mar 2023 11:37

Instrument :
BNA_M
ClientSampleId :

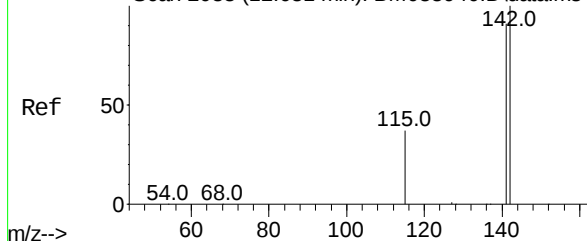
Tgt Ion:142 Resp: 22577
Ion Ratio Lower Upper
142 100
141 87.5 69.9 104.9



Abundance Scan 2044 (12.466 min): BM038940.D\data.ms (-2028) (-)

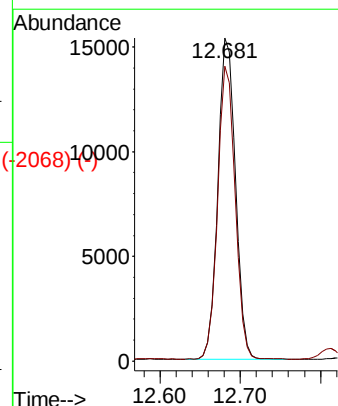
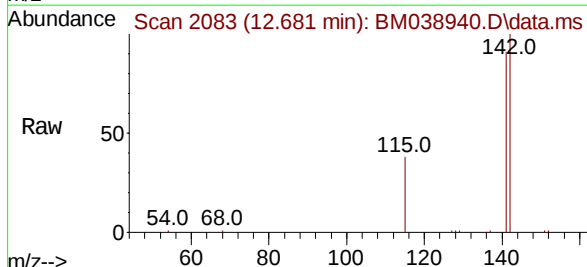


Abundance Scan 2083 (12.681 min): BM038940.D\data.ms (-2084) (-)

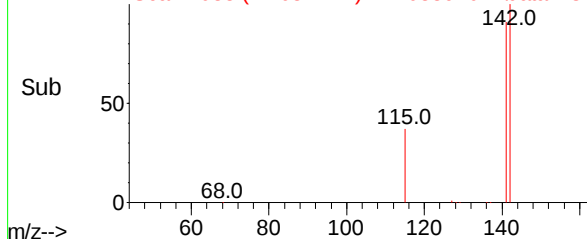


1-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.681 min Scan# 2083
Delta R.T. -0.020 min
Lab File: BM038940.D
Acq: 09 Mar 2023 11:37

Tgt Ion:142 Resp: 23476
Ion Ratio Lower Upper
142 100
141 90.6 73.5 110.3



Abundance Scan 2083 (12.681 min): BM038940.D\data.ms (-2068) (-)



Abundance Scan 2419 (14.351 min): BM038940.D\data.ms (-2419) (-)

Acenaphthylene

Concen: 0.372 ng/ul

RT: 14.351 min Scan# 2419

Delta R.T. -0.012 min

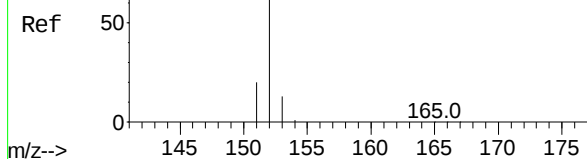
Lab File: BM038940.D

Acq: 09 Mar 2023 11:37

Instrument :

BNA_M

ClientSampleId :



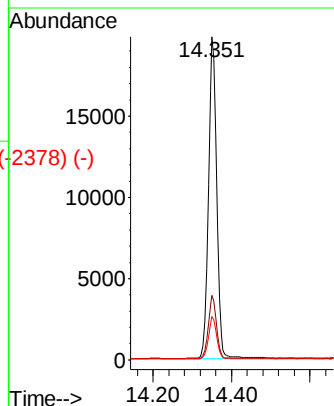
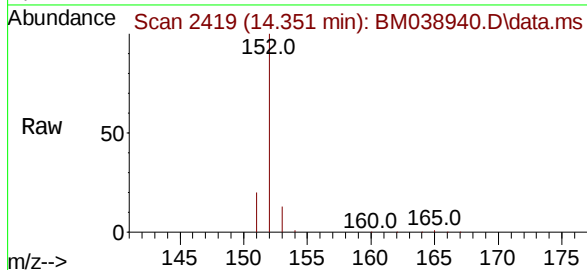
Tgt Ion:152 Resp: 28976

Ion Ratio Lower Upper

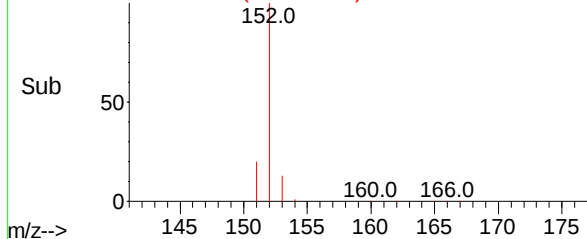
152 100

151 20.0 15.6 23.4

153 13.5 10.6 15.8



Abundance Scan 2419 (14.351 min): BM038940.D\data.ms (-2378) (-)



Abundance Scan 2493 (14.693 min): BM038940.D\data.ms (-2493) (-)

Acenaphthene

Concen: 0.385 ng/ul

RT: 14.693 min Scan# 2493

Delta R.T. -0.012 min

Lab File: BM038940.D

Acq: 09 Mar 2023 11:37

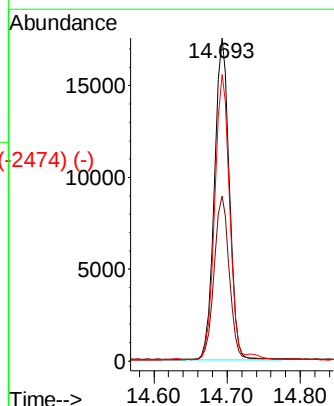
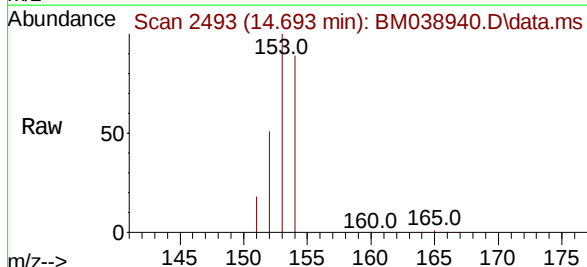
Tgt Ion:153 Resp: 24657

Ion Ratio Lower Upper

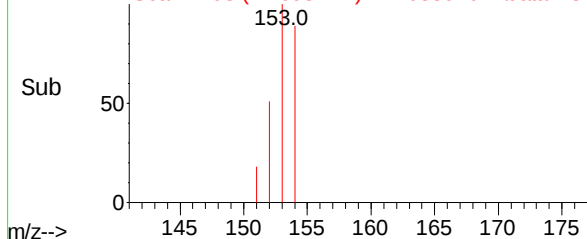
153 100

152 51.1 44.2 66.2

154 88.7 70.6 105.8



Abundance Scan 2493 (14.693 min): BM038940.D\data.ms (-2474) (-)



Abundance Scan 2706 (15.678 min): BM038940.D\data.ms (-2687) (-)

Fluorene

Concen: 0.381 ng/ul

RT: 15.678 min Scan# 2706

Delta R.T. -0.012 min

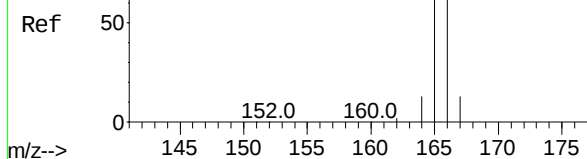
Lab File: BM038940.D

Acq: 09 Mar 2023 11:37

Instrument :

BNA_M

ClientSampleId :



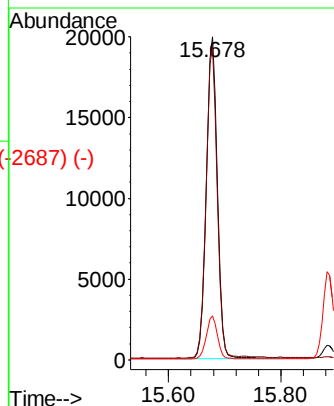
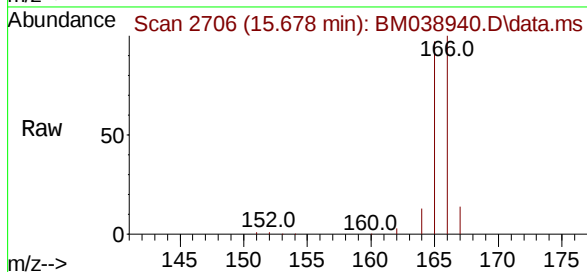
Tgt Ion:166 Resp: 27570

Ion Ratio Lower Upper

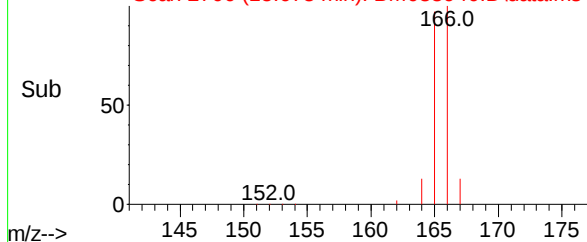
166 100

165 97.1 77.8 116.6

167 13.5 11.4 17.2



Abundance Scan 2706 (15.678 min): BM038940.D\data.ms (-2687) (-)



Abundance Scan 3017 (17.020 min): BM038940.D\data.ms (-2996) (-)

Pentachlorophenol

Concen: 0.328 ng/ul

RT: 17.020 min Scan# 3017

Delta R.T. -0.011 min

Lab File: BM038940.D

Acq: 09 Mar 2023 11:37

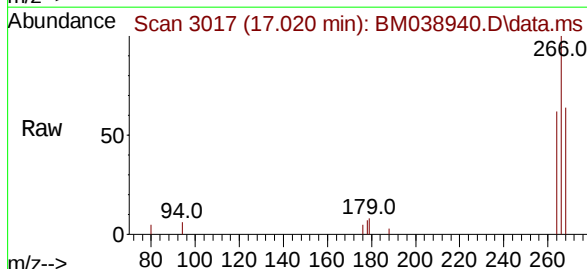
Tgt Ion:266 Resp: 3416

Ion Ratio Lower Upper

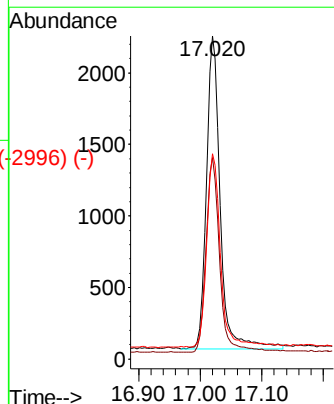
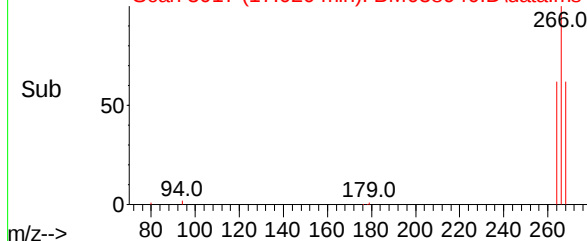
266 100

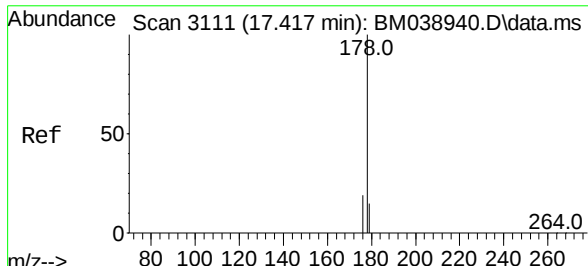
264 62.1 50.2 75.2

268 63.3 50.2 75.4



Abundance Scan 3017 (17.020 min): BM038940.D\data.ms (-2996) (-)

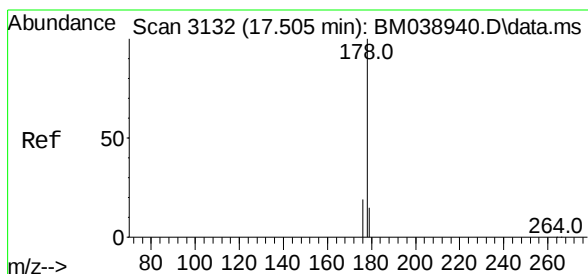
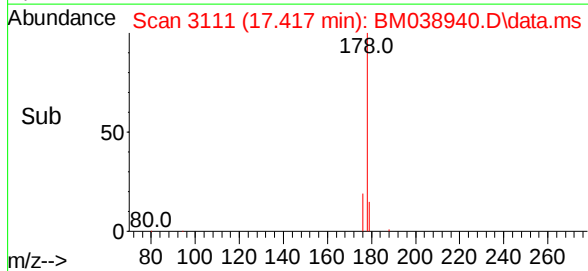
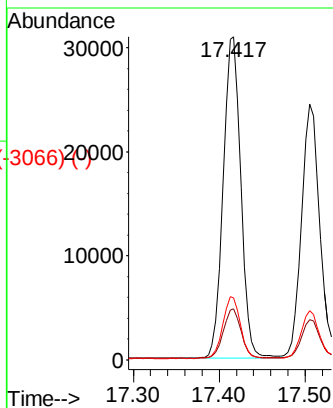
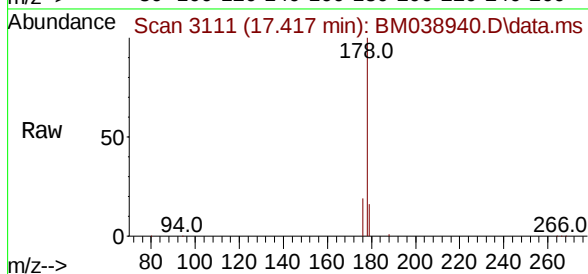




Scan 3111 (17.417 min): BM038940.D\data.ms (-3015) (-)
 Phenanthrene
 Concen: 0.385 ng/ul
 RT: 17.417 min Scan# 3111
 Delta R.T. -0.011 min
 Lab File: BM038940.D
 Acq: 09 Mar 2023 11:37

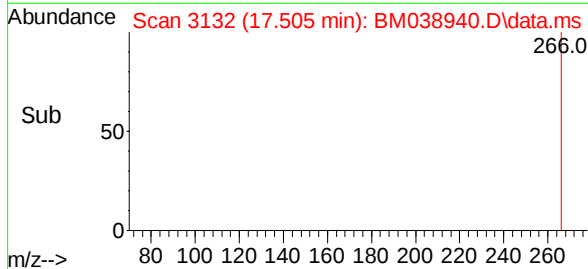
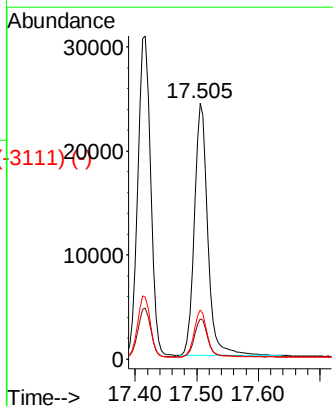
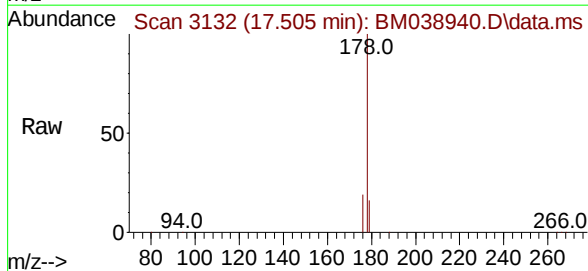
Instrument :
 BNA_M
 ClientSampleId :

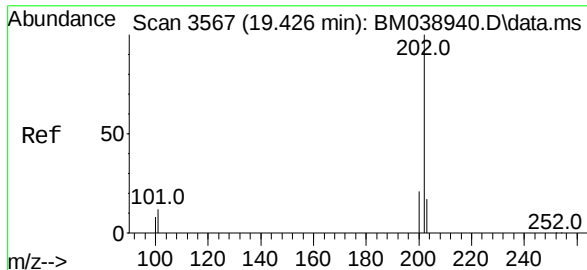
Tgt Ion:	178	Resp:	44103
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.7	19.1
176	19.1	15.9	23.9



Scan 3132 (17.505 min): BM038940.D\data.ms (-3116) (-)
 Anthracene
 Concen: 0.391 ng/ul
 RT: 17.505 min Scan# 3132
 Delta R.T. -0.011 min
 Lab File: BM038940.D
 Acq: 09 Mar 2023 11:37

Tgt Ion:	178	Resp:	36887
Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.0	19.6
176	19.1	15.4	23.2





Fluoranthene

Concen: 0.399 ng/ul

RT: 19.426 min Scan#

Delta R.T. -0.012 min

Lab File: BM038940.D

Acq: 09 Mar 2023 11:37

Instrument :

BNA_M

ClientSampleId :

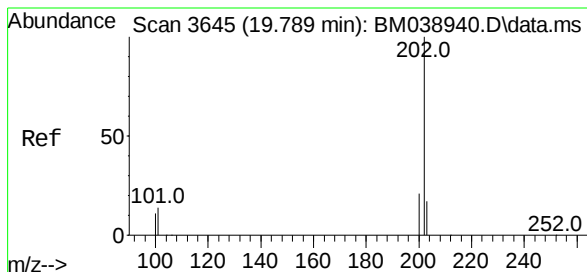
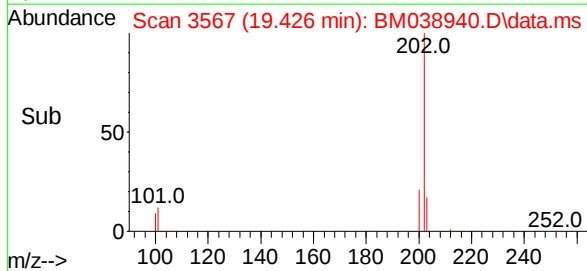
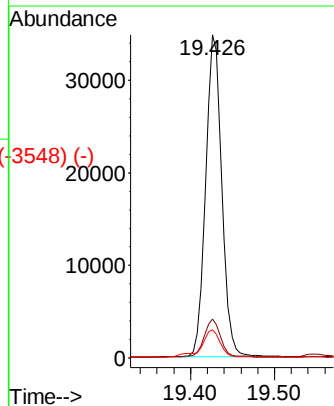
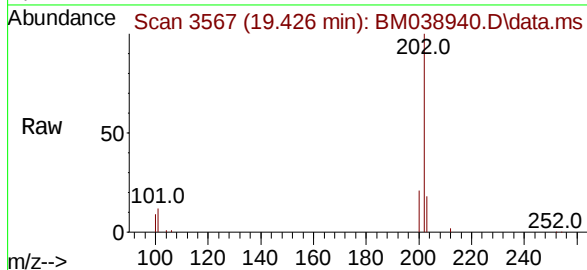
Tgt Ion:202 Resp: 47079

Ion Ratio Lower Upper

202 100

101 12.1 8.9 13.3

100 8.8 6.8 10.2



Pyrene

Concen: 0.400 ng/ul

RT: 19.789 min Scan# 3645

Delta R.T. -0.007 min

Lab File: BM038940.D

Acq: 09 Mar 2023 11:37

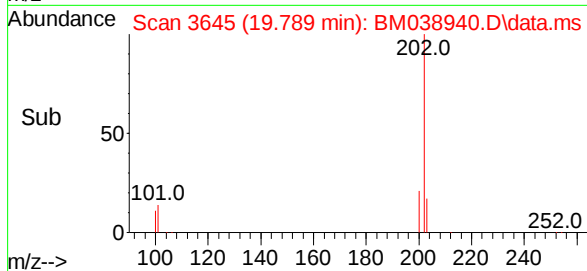
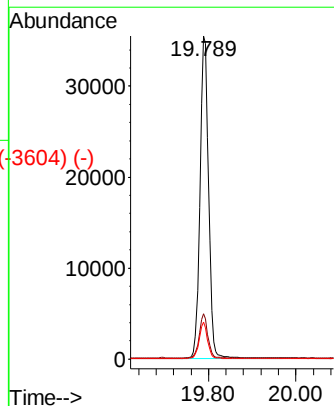
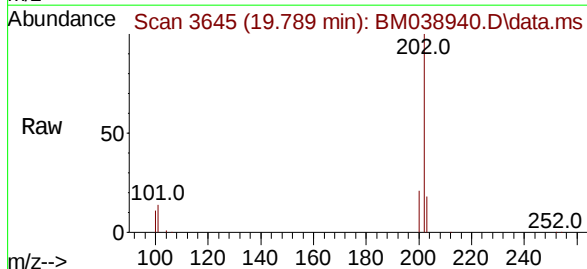
Tgt Ion:202 Resp: 48418

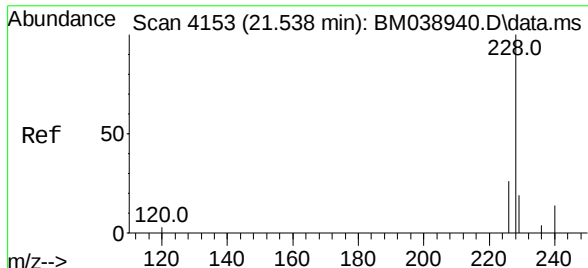
Ion Ratio Lower Upper

202 100

101 14.0 11.2 16.8

100 11.4 9.0 13.6

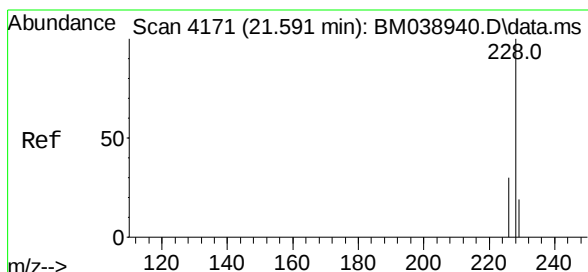
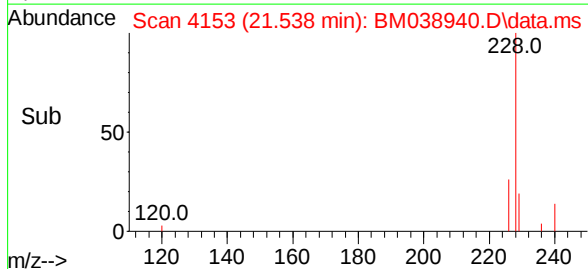
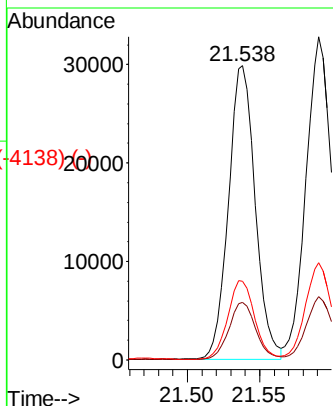
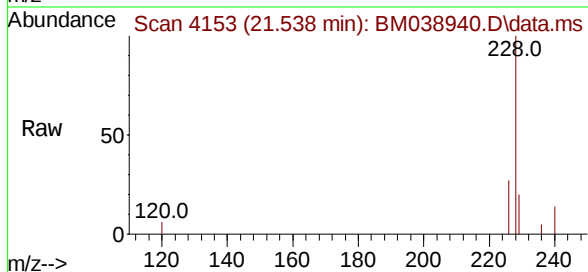




Scan 4153 (21.538 min): BM038940.D\data.ms (-4138) (-)
 Benzo(a)anthracene
 Concen: 0.388 ng/u1
 RT: 21.538 min Scan# 4153
 Delta R.T. -0.006 min
 Lab File: BM038940.D
 Acq: 09 Mar 2023 11:37

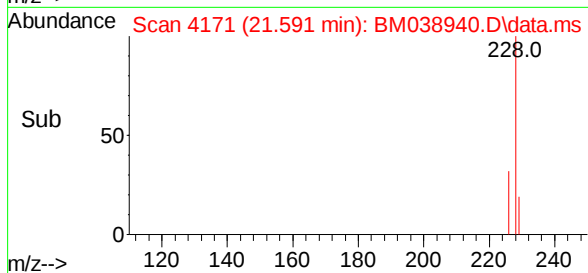
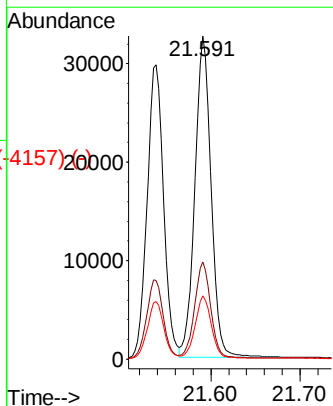
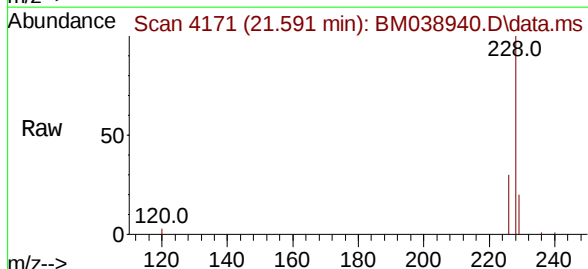
Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:	228	Resp:	38185
Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.6	23.4
226	26.7	22.0	33.0

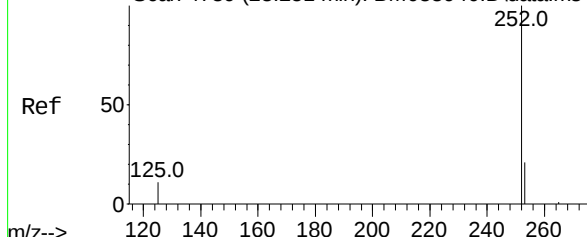


Scan 4171 (21.591 min): BM038940.D\data.ms (-4157) (-)
 Chrysene
 Concen: 0.349 ng/u1
 RT: 21.591 min Scan# 4171
 Delta R.T. -0.008 min
 Lab File: BM038940.D
 Acq: 09 Mar 2023 11:37

Tgt Ion:	228	Resp:	41372
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	19.5	15.7	23.5



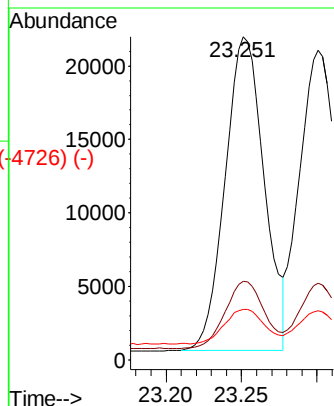
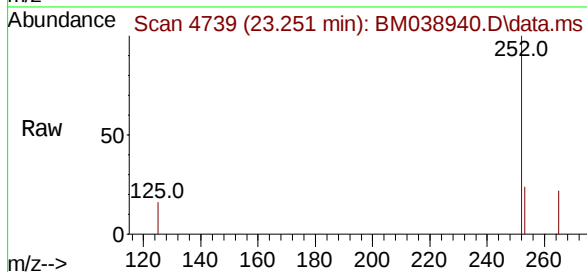
Abundance Scan 4739 (23.251 min): BM038940.D\data.ms (-4729) (-)



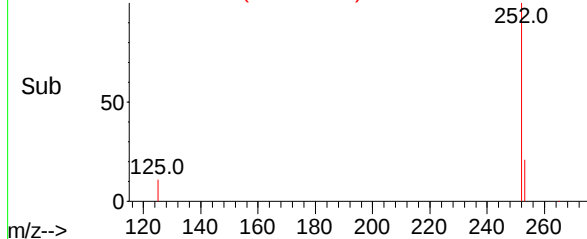
Benzo(b)fluoranthene
Concen: 0.392 ng/u1
RT: 23.251 min Scan# 4739
Delta R.T. -0.011 min
Lab File: BM038940.D
Acq: 09 Mar 2023 11:37

Instrument :
BNA_M
ClientSampleId :

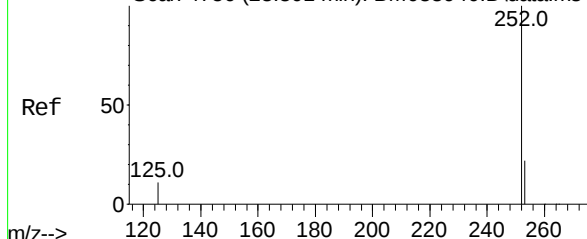
Tgt Ion:	252	Resp:	38355
Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	47.6
125	15.6	0.0	29.2



Abundance Scan 4739 (23.251 min): BM038940.D\data.ms (-4726) (-)

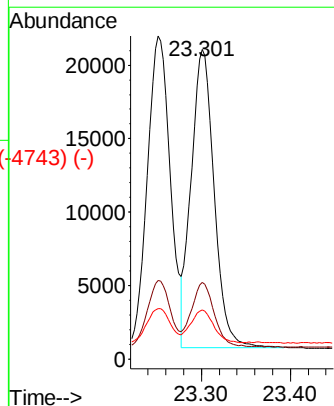
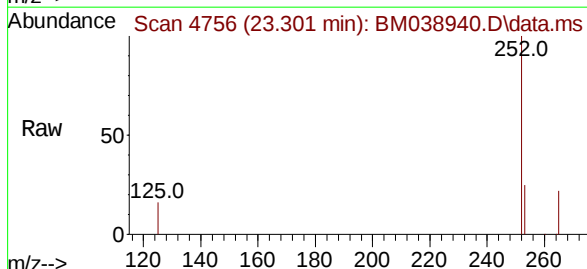


Abundance Scan 4756 (23.301 min): BM038940.D\data.ms (-4725) (-)

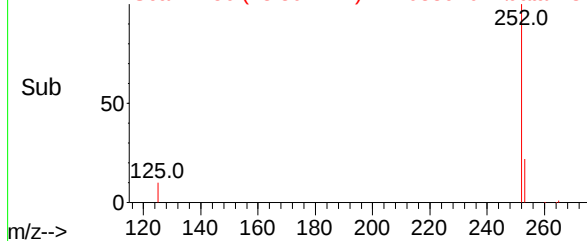


Benzo(k)fluoranthene
Concen: 0.372 ng/u1
RT: 23.301 min Scan# 4756
Delta R.T. -0.011 min
Lab File: BM038940.D
Acq: 09 Mar 2023 11:37

Tgt Ion:	252	Resp:	36401
Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.2	28.8
125	15.9	11.8	17.6



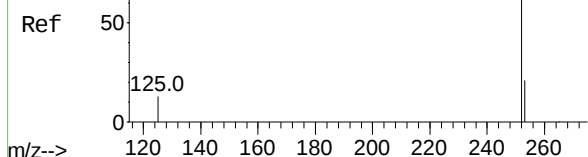
Abundance Scan 4756 (23.301 min): BM038940.D\data.ms (-4743) (-)



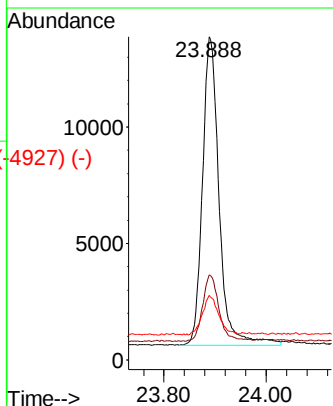
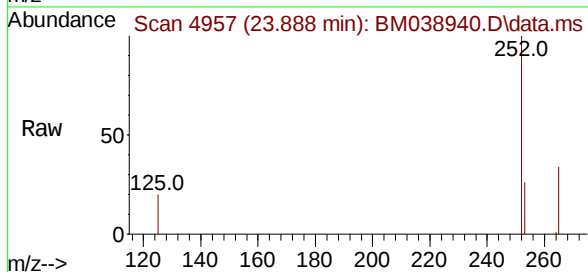
Abundance Scan 4957 (23.888 min): BM038940.D\data.ms (-4927) (-)

Benzo(a)pyrene
Concen: 0.382 ng/u1
RT: 23.888 min Scan# 4957
Delta R.T. -0.011 min
Lab File: BM038940.D
Acq: 09 Mar 2023 11:37

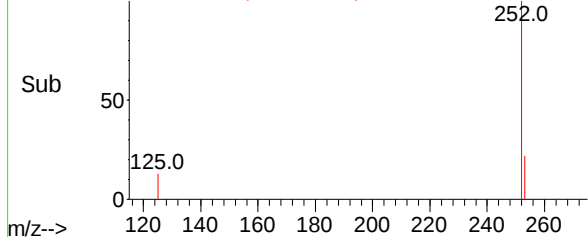
Instrument :
BNA_M
ClientSampleId :



Tgt Ion:	252	Resp:	29758
Ion Ratio	Lower	Upper	
252	100		
253	26.2	20.3	30.5
125	20.1	14.0	21.0



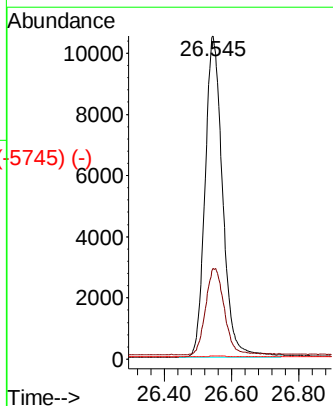
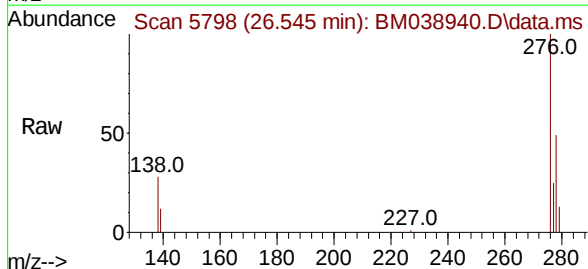
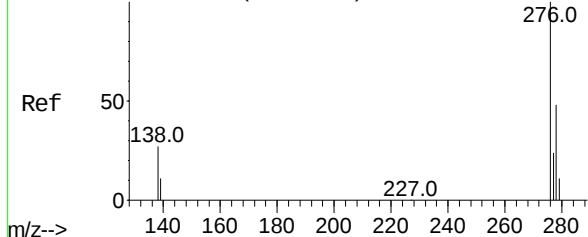
Abundance Scan 4957 (23.888 min): BM038940.D\data.ms (-4927) (-)



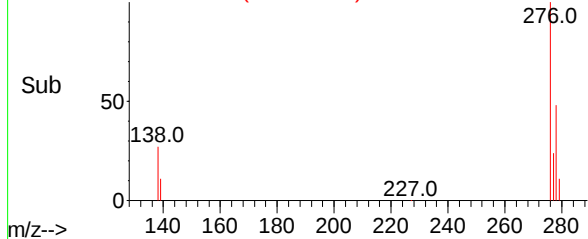
Abundance Scan 5798 (26.545 min): BM038940.D\data.ms (-5745) (-)

Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng/u1
RT: 26.545 min Scan# 5798
Delta R.T. -0.023 min
Lab File: BM038940.D
Acq: 09 Mar 2023 11:37

Tgt Ion:	276	Resp:	38158
Ion Ratio	Lower	Upper	
276	100		
138	28.9	22.2	33.4
227	0.2	0.2	0.2



Abundance Scan 5798 (26.545 min): BM038940.D\data.ms (-5745) (-)



Abundance Scan 5805 (26.568 min): BM038940.D\data.ms (-5728) (-)

Dibenzo(a,h)anthracene

Concen: 0.407 ng/u1

RT: 26.568 min Scan# 5805

Delta R.T. -0.020 min

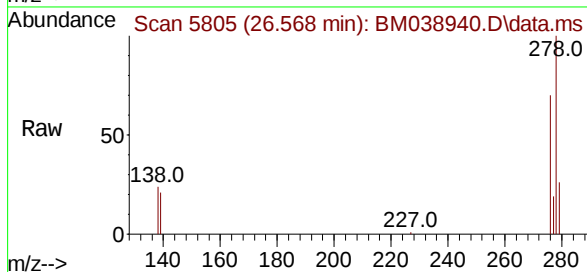
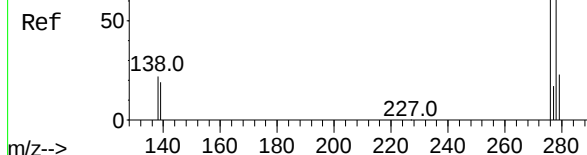
Lab File: BM038940.D

Acq: 09 Mar 2023 11:37

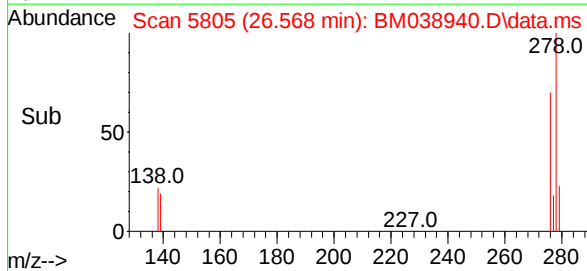
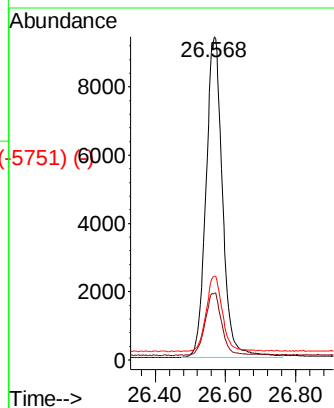
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	278	Resp:	30610
Ion	Ratio	Lower	Upper
278	100		
139	20.6	16.0	24.0
279	25.9	21.8	32.6



Abundance Scan 6031 (27.326 min): BM038940.D\data.ms (-5929) (-)

Benzo(g,h,i)perylene

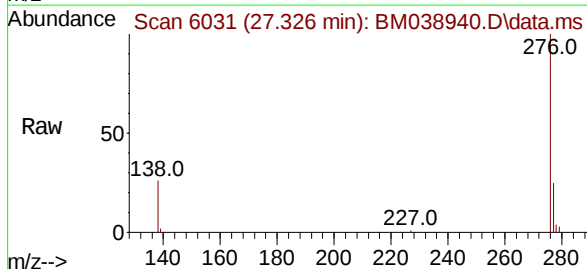
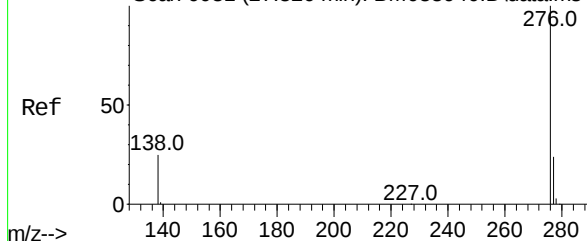
Concen: 0.360 ng/u1

RT: 27.326 min Scan# 6031

Delta R.T. -0.016 min

Lab File: BM038940.D

Acq: 09 Mar 2023 11:37



Tgt Ion:	276	Resp:	33040
Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.2	30.4
277	24.9	19.8	29.8

