

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038023.D
 Acq On : 15 Dec 2022 09:41
 Operator : CG/JU
 Sample : SST0.104
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1015

Quant Time: Dec 15 21:42:12 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:40:10 2022
 Response via : Initial Calibration

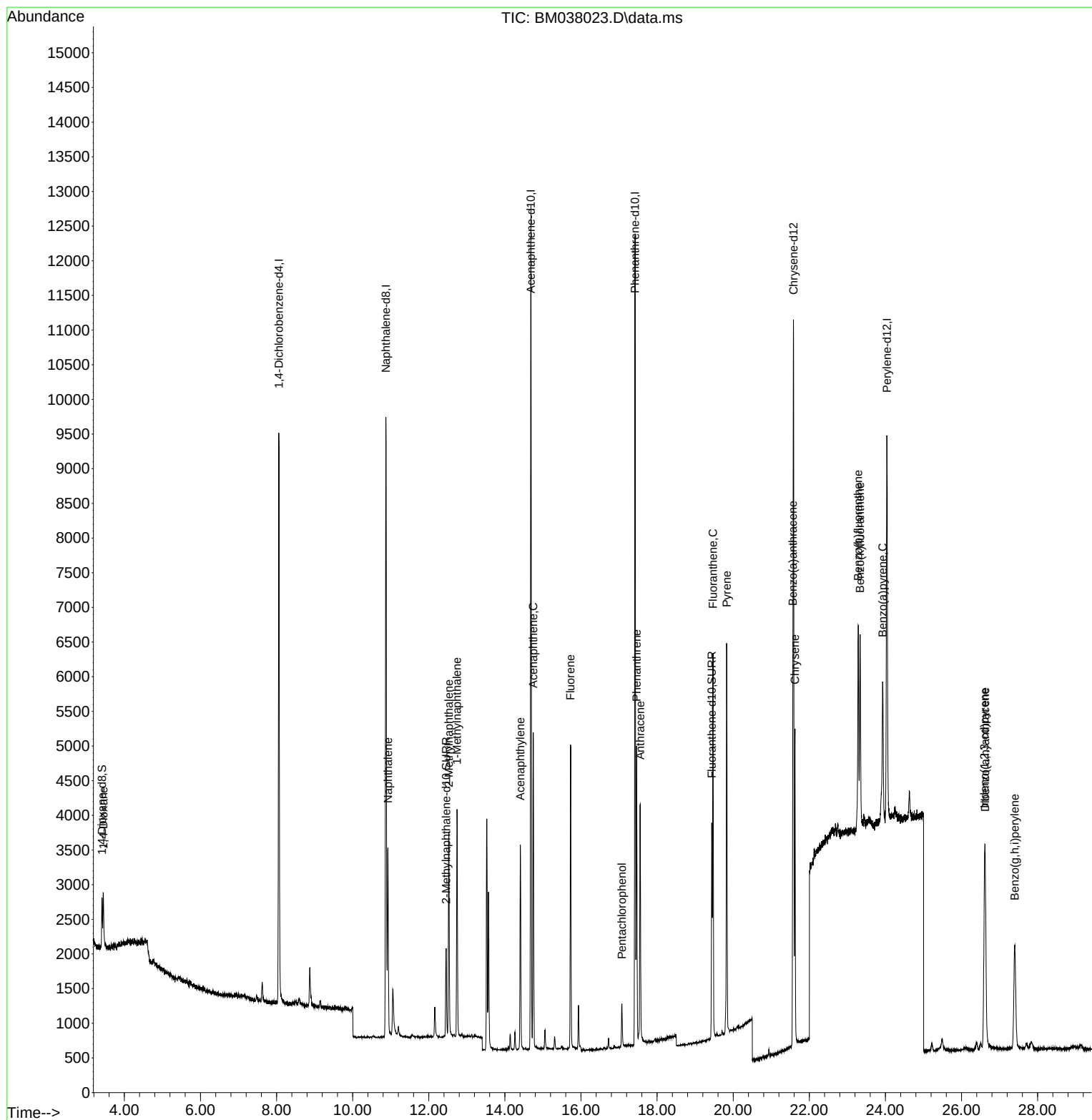
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	4363	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	12300	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.685	164	6495	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.422	188	13169	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	8718	0.400	ng/ul	0.00
23) Perylene-d12	24.041	264	7967	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	653	0.106	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	1765	0.101	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	3195	0.107	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	494	0.081	ng/ul#	78
5) Naphthalene	10.928	128	3721	0.099	ng/ul	96
7) 2-Methylnaphthalene	12.528	142	2220	0.100	ng/ul	98
8) 1-Methylnaphthalene	12.742	142	2278	0.100	ng/ul	99
10) Acenaphthylene	14.407	152	3367	0.091	ng/ul	98
11) Acenaphthene	14.745	153	2565	0.097	ng/ul	98
12) Fluorene	15.725	166	2803	0.093	ng/ul	97
14) Pentachlorophenol	17.075	266	472	0.084	ng/ul	99
15) Phenanthrene	17.464	178	4459	0.098	ng/ul	96
16) Anthracene	17.557	178	3984	0.095	ng/ul	94
19) Fluoranthene	19.469	202	4570	0.099	ng/ul	97
20) Pyrene	19.831	202	4716	0.101	ng/ul	98
21) Benzo(a)anthracene	21.568	228	3850	0.097	ng/ul	98
22) Chrysene	21.624	228	3774	0.091	ng/ul	97
24) Benzo(b)fluoranthene	23.284	252	3885	0.088	ng/ul	75
25) Benzo(k)fluoranthene	23.333	252	3613	0.087	ng/ul#	71
26) Benzo(a)pyrene	23.927	252	3237	0.090	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	26.605	276	4028	0.092	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.622	278	3122	0.093	ng/ul#	83
29) Benzo(g,h,i)perylene	27.400	276	3427	0.094	ng/ul#	88

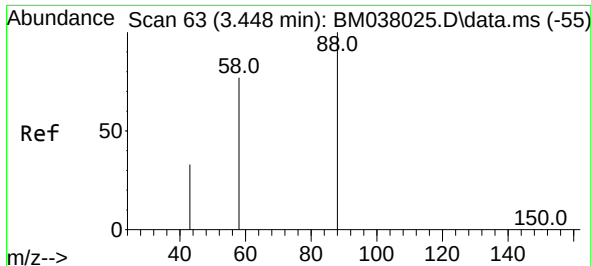
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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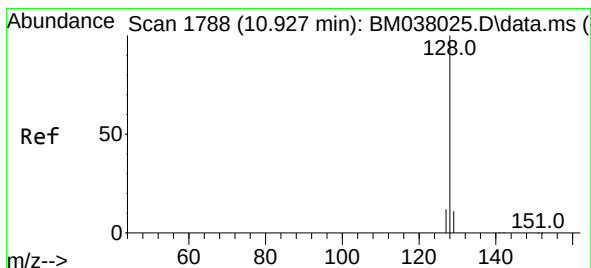
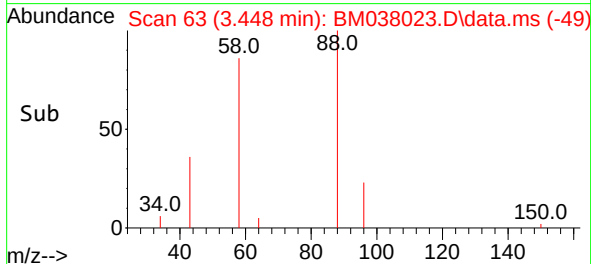
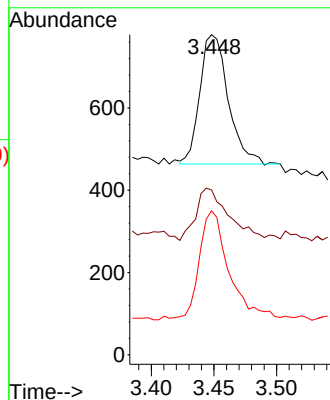
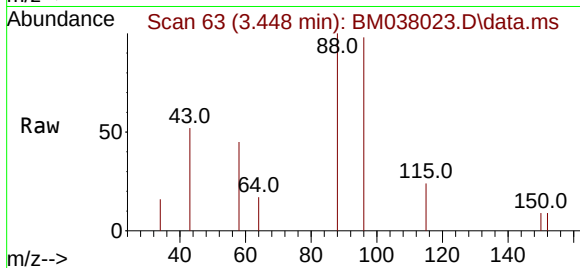




#2
1,4-Dioxane
Concen: 0.081 ng/ul
RT: 3.448 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

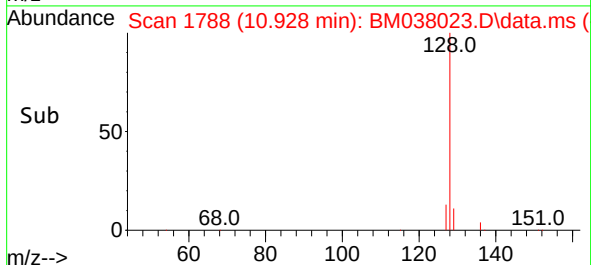
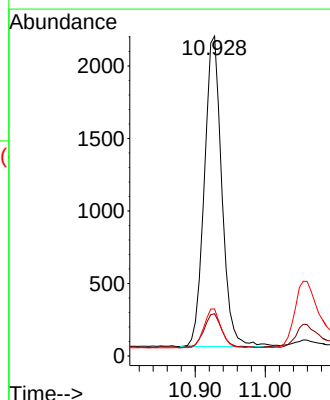
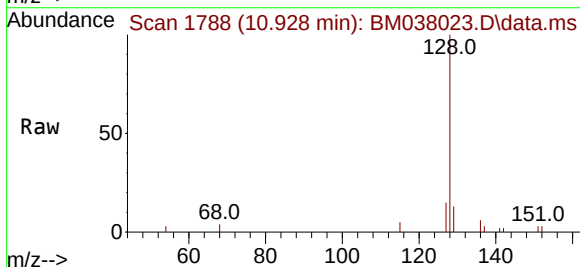
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

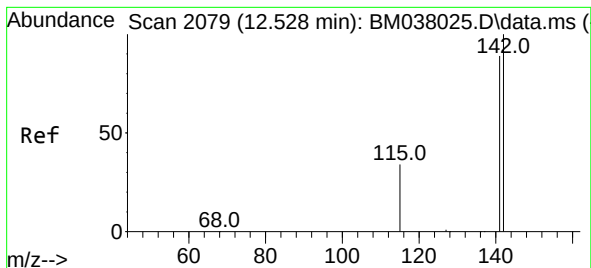
Tgt Ion: 88 Resp: 494
Ion Ratio Lower Upper
88 100
43 51.5 31.4 47.0#
58 45.0 50.2 75.2#



#5
Naphthalene
Concen: 0.099 ng/ul
RT: 10.928 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

Tgt Ion: 128 Resp: 3721
Ion Ratio Lower Upper
128 100
129 13.2 9.1 13.7
127 14.7 10.4 15.6

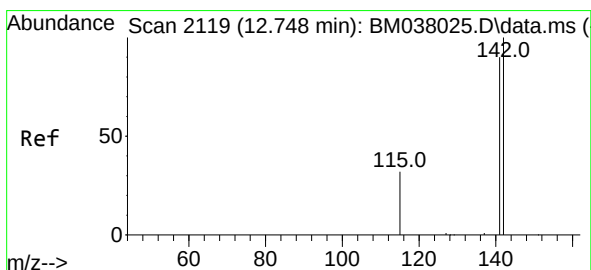
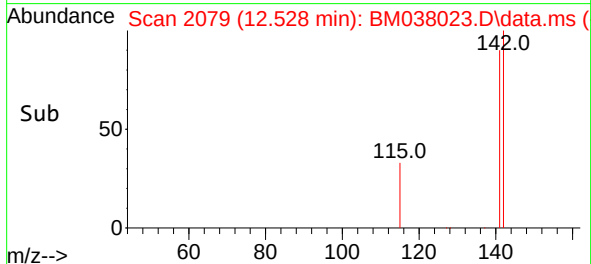
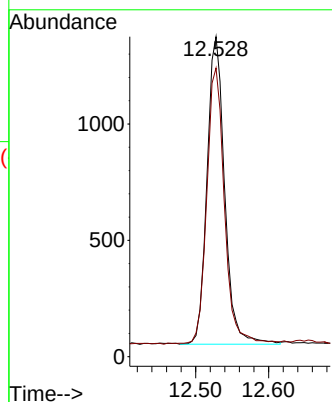
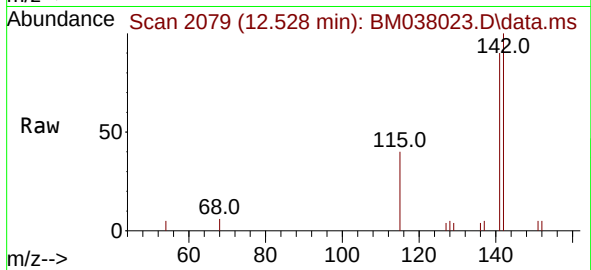




#7
2-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

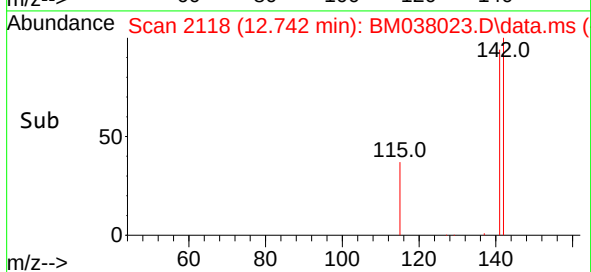
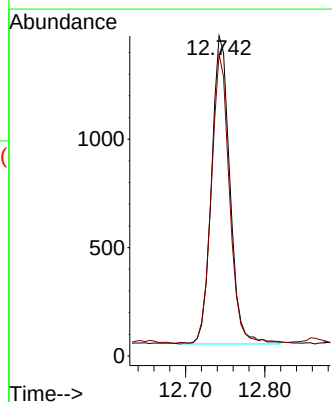
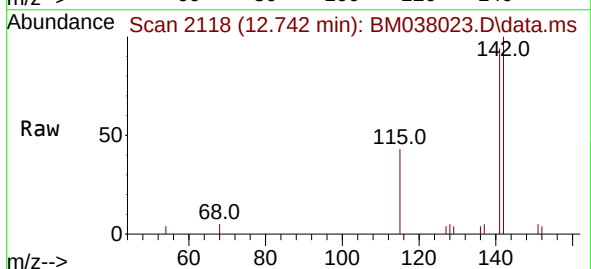
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

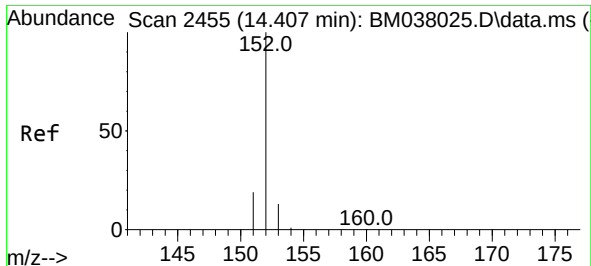
Tgt Ion:142 Resp: 2220
Ion Ratio Lower Upper
142 100
141 89.8 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 12.742 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

Tgt Ion:142 Resp: 2278
Ion Ratio Lower Upper
142 100
141 92.8 73.6 110.4

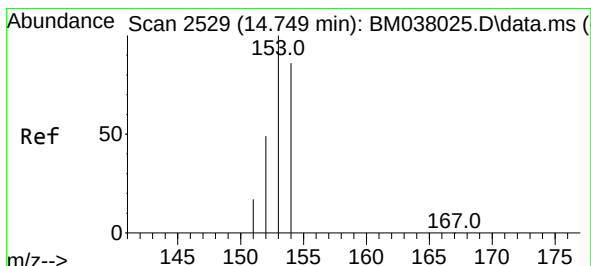
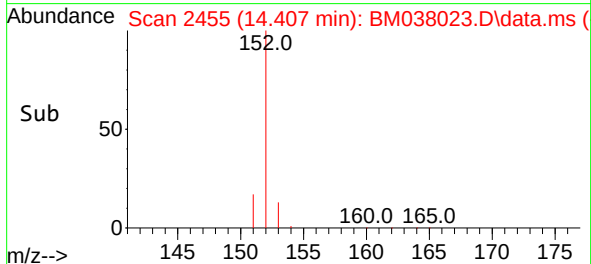
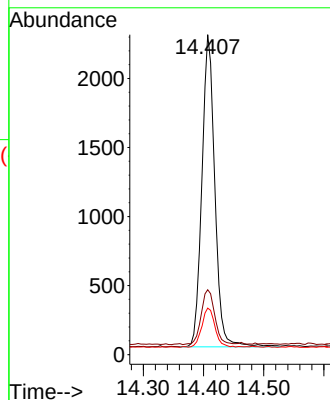
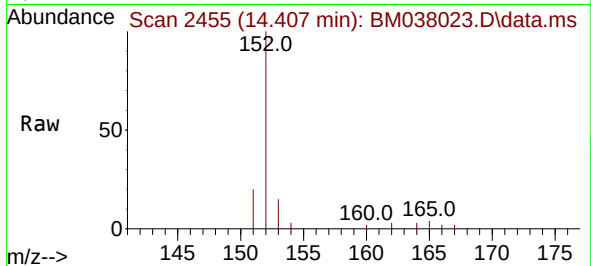




#10
Acenaphthylene
Concen: 0.091 ng/ul
RT: 14.407 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

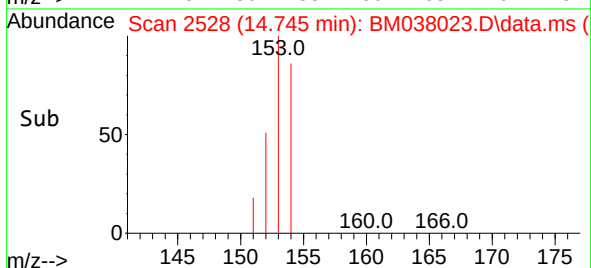
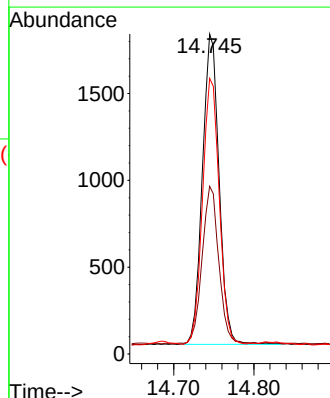
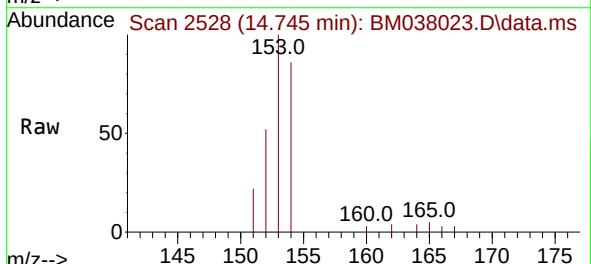
Instrument :
BNA_M
ClientSampleId :
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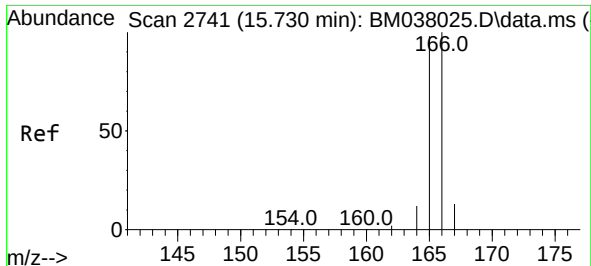
Tgt Ion:	152	Resp:	3367
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.5	23.3
153	14.5	11.0	16.4



#11
Acenaphthene
Concen: 0.097 ng/ul
RT: 14.745 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

Tgt Ion:	153	Resp:	2565
Ion Ratio	Lower	Upper	
153	100		
152	52.4	39.5	59.3
154	86.1	69.2	103.8

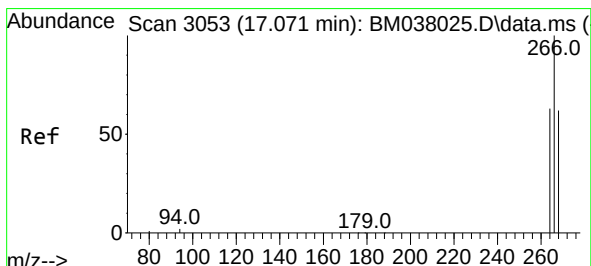
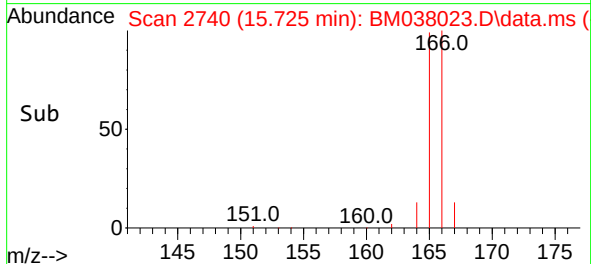
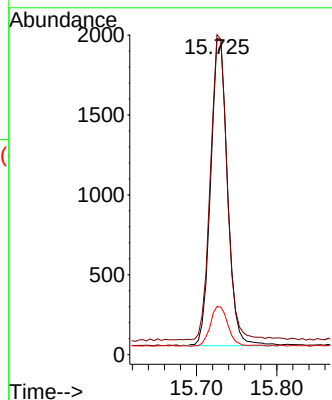
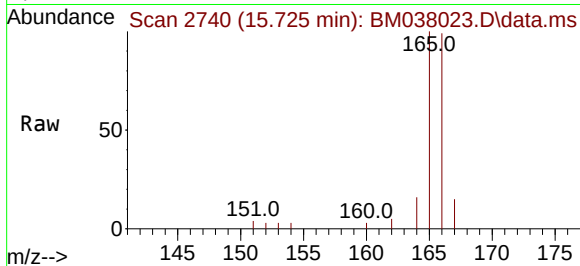




#12
Fluorene
Concen: 0.093 ng/ul
RT: 15.725 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

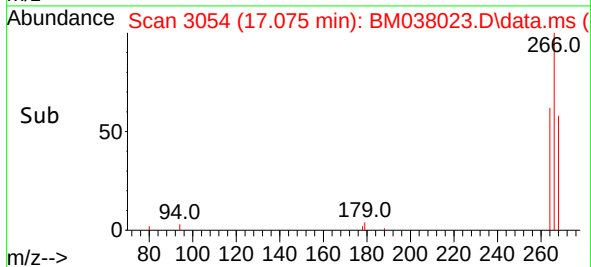
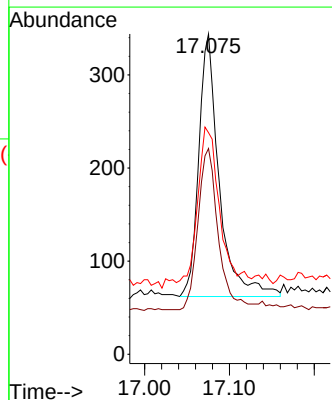
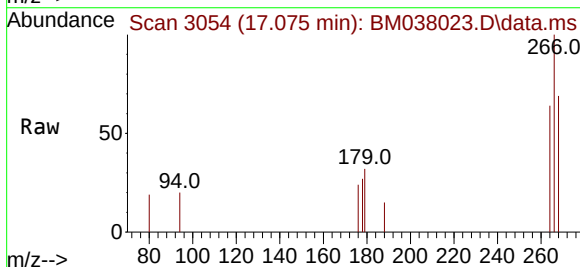
Instrument :
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ClientSampleId :
SSTD0.1015

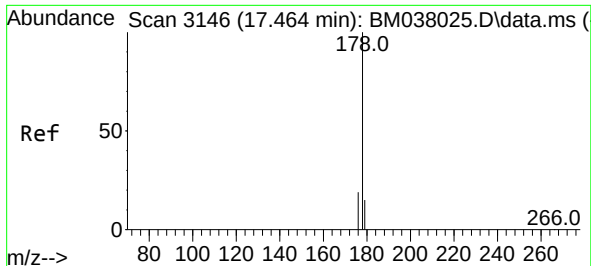
Tgt Ion:	166	Resp:	2803
Ion Ratio	Lower	Upper	
166	100		
165	101.2	79.0	118.4
167	15.3	11.1	16.7



#14
Pentachlorophenol
Concen: 0.084 ng/ul
RT: 17.075 min Scan# 3054
Delta R.T. 0.004 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

Tgt Ion:	266	Resp:	472
Ion Ratio	Lower	Upper	
266	100		
264	62.9	49.9	74.9
268	63.3	52.0	78.0

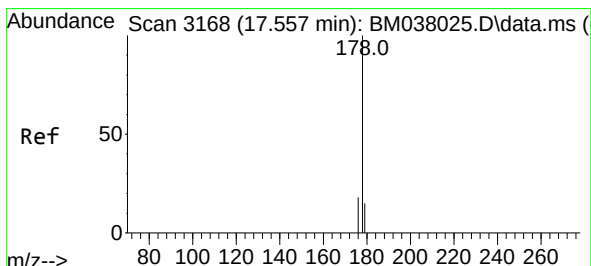
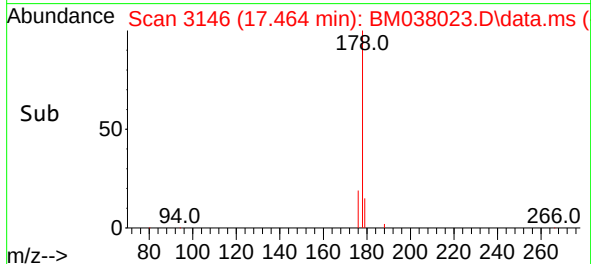
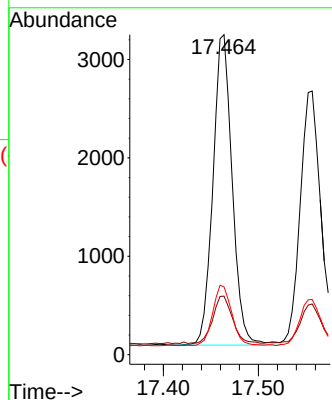
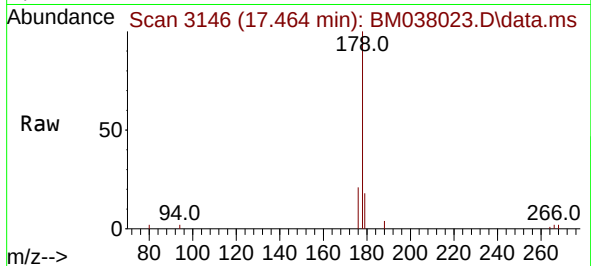




#15
Phenanthrene
Concen: 0.098 ng/ul
RT: 17.464 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

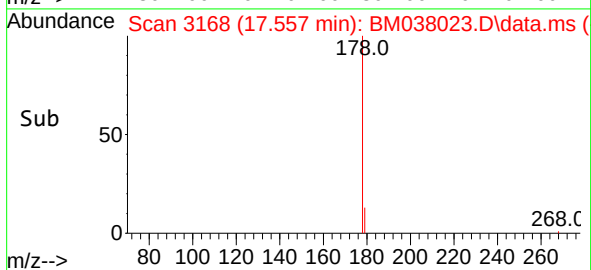
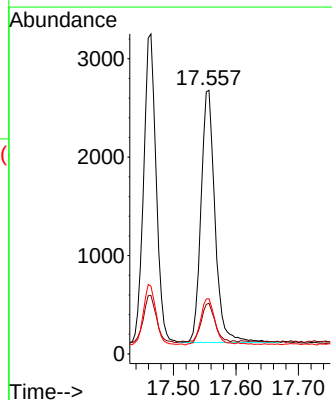
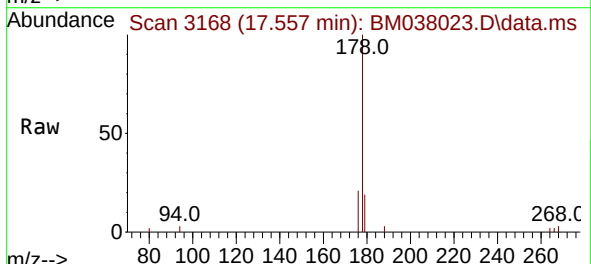
Instrument :
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SSTD0.1015

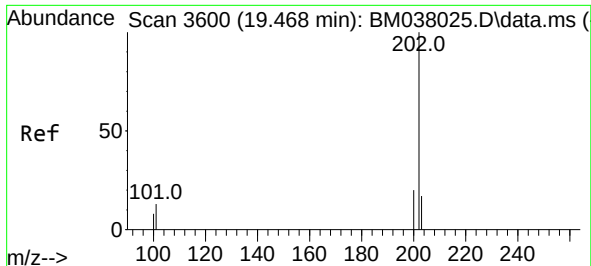
Tgt Ion:	178	Resp:	4459
Ion Ratio	Lower	Upper	
178	100		
179	18.3	12.6	19.0
176	21.2	15.8	23.6



#16
Anthracene
Concen: 0.095 ng/ul
RT: 17.557 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

Tgt Ion:	178	Resp:	3984
Ion Ratio	Lower	Upper	
178	100		
179	19.2	13.0	19.4
176	20.9	15.0	22.4

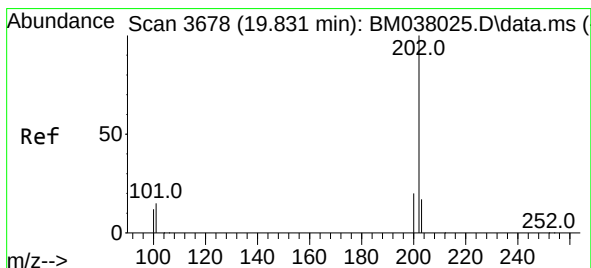
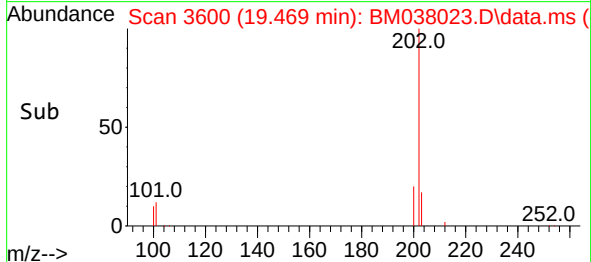
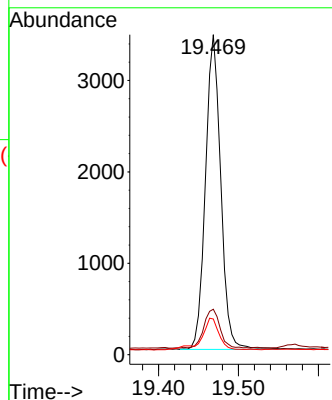
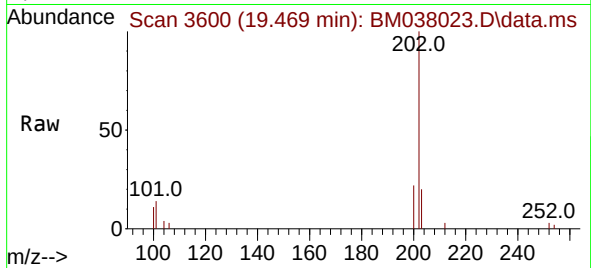




#19
Fluoranthene
Concen: 0.099 ng/u1
RT: 19.469 min Scan# 3600
Delta R.T. 0.000 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

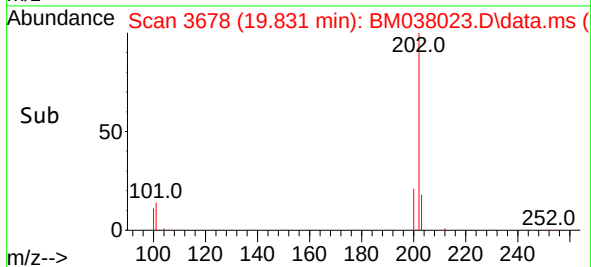
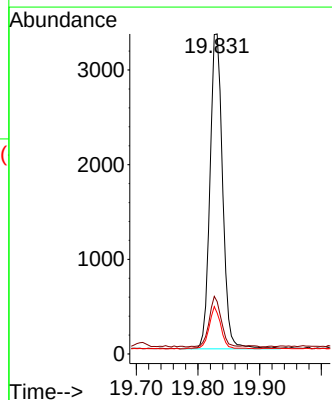
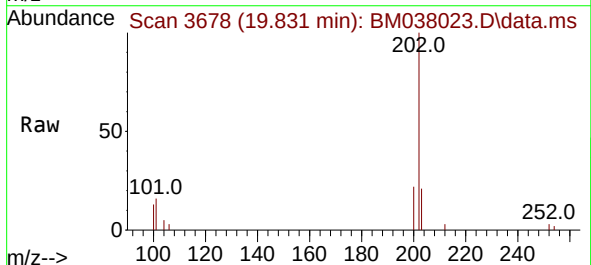
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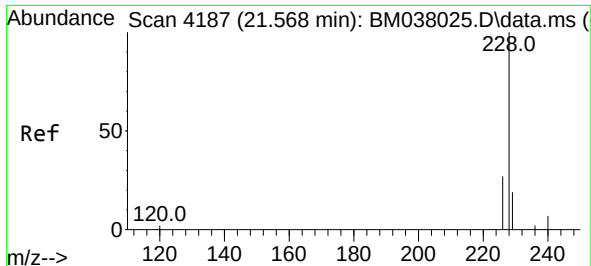
Tgt Ion:202 Resp: 4570
Ion Ratio Lower Upper
202 100
101 14.2 10.6 15.8
100 11.2 7.9 11.9



#20
Pyrene
Concen: 0.101 ng/u1
RT: 19.831 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

Tgt Ion:202 Resp: 4716
Ion Ratio Lower Upper
202 100
101 16.4 12.1 18.1
100 12.8 9.8 14.6

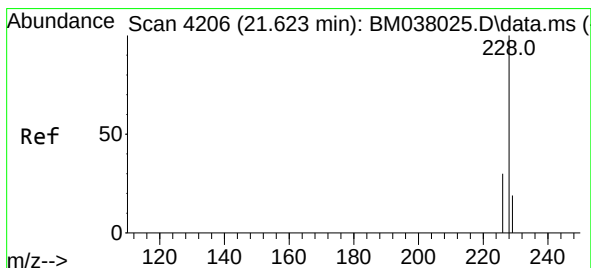
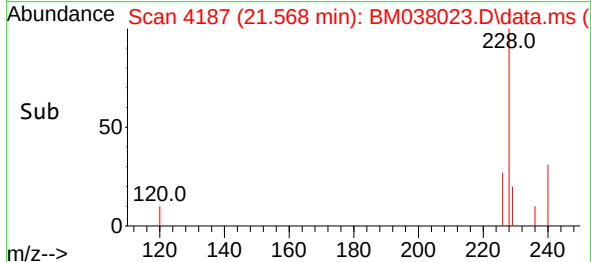
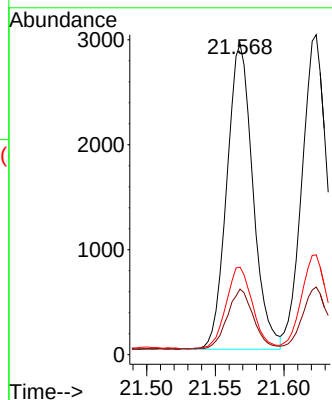
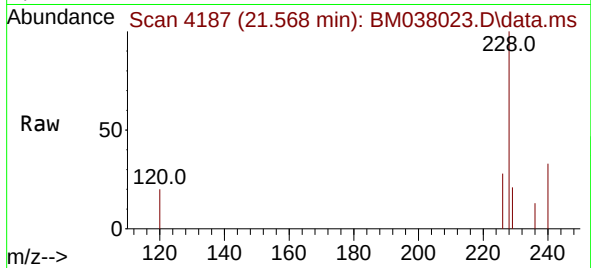




#21
Benzo(a)anthracene
Concen: 0.097 ng/ul
RT: 21.568 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

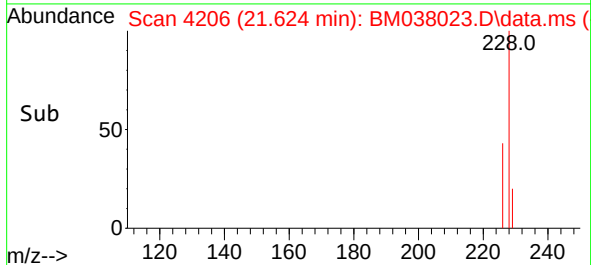
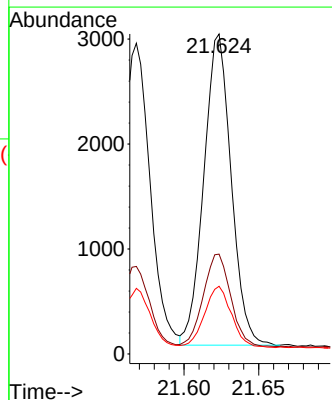
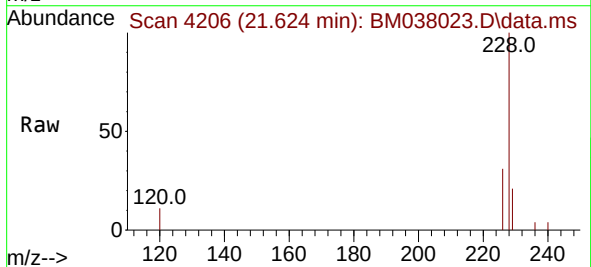
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SSTD0.1015

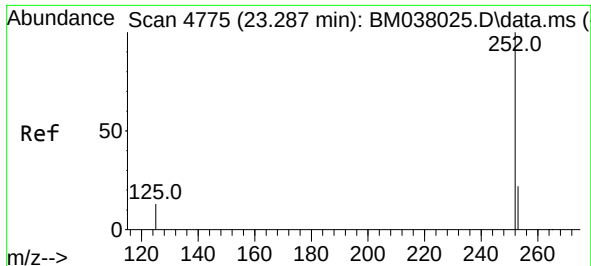
Tgt Ion:228 Resp: 3850
Ion Ratio Lower Upper
228 100
229 21.1 15.9 23.9
226 28.2 22.1 33.1



#22
Chrysene
Concen: 0.091 ng/ul
RT: 21.624 min Scan# 4206
Delta R.T. 0.000 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

Tgt Ion:228 Resp: 3774
Ion Ratio Lower Upper
228 100
226 31.2 24.1 36.1
229 21.2 15.7 23.5

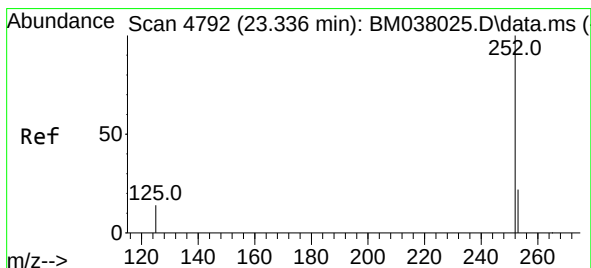
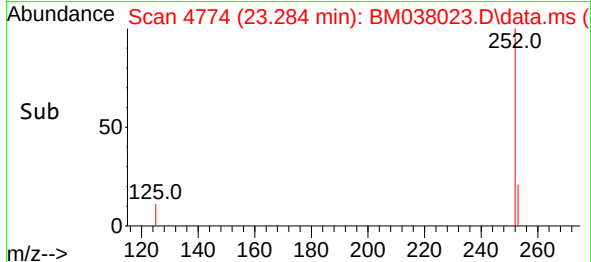
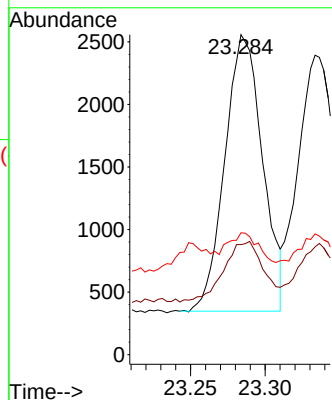
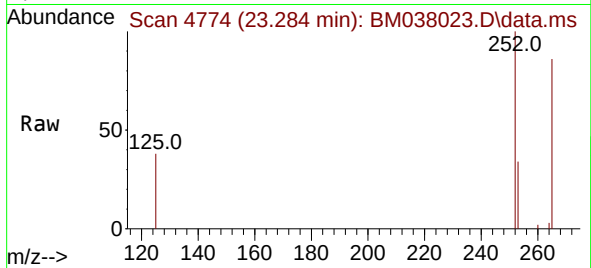




#24
Benzo(b)fluoranthene
Concen: 0.088 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. -0.003 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

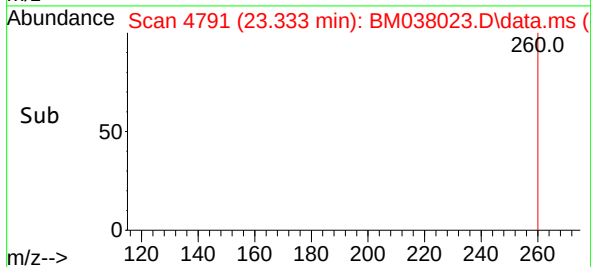
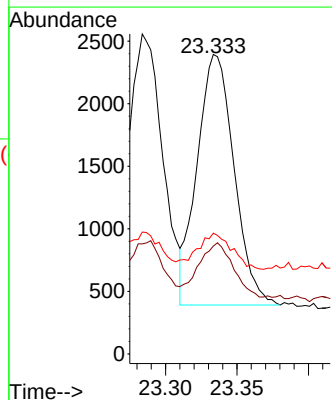
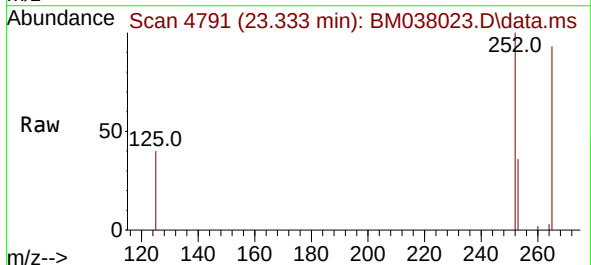
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

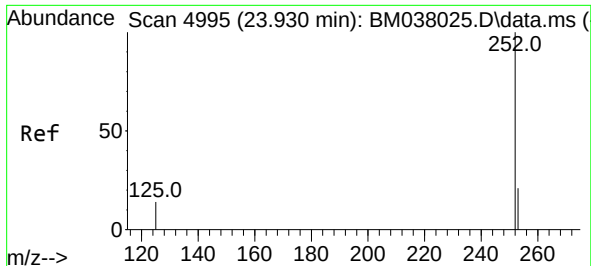
Tgt Ion:252 Resp: 3885
Ion Ratio Lower Upper
252 100
253 34.4 0.0 51.8
125 38.1 0.0 42.2



#25
Benzo(k)fluoranthene
Concen: 0.087 ng/ul
RT: 23.333 min Scan# 4791
Delta R.T. -0.003 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

Tgt Ion:252 Resp: 3613
Ion Ratio Lower Upper
252 100
253 36.0 20.8 31.2#
125 40.3 17.1 25.7#

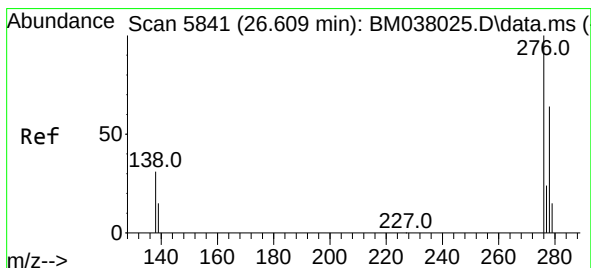
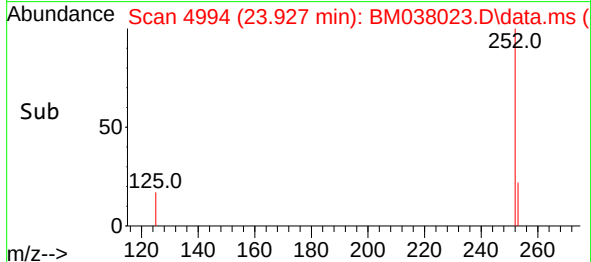
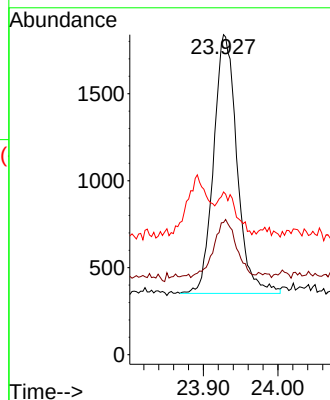
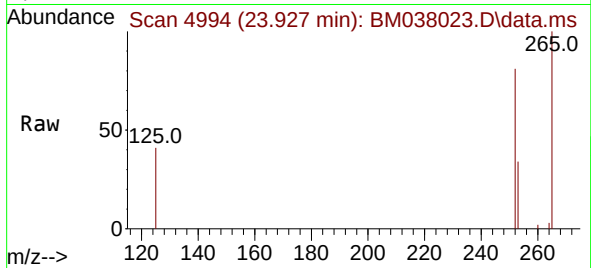




#26
Benzo(a)pyrene
Concen: 0.090 ng/ul
RT: 23.927 min Scan# 4994
Delta R.T. -0.003 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

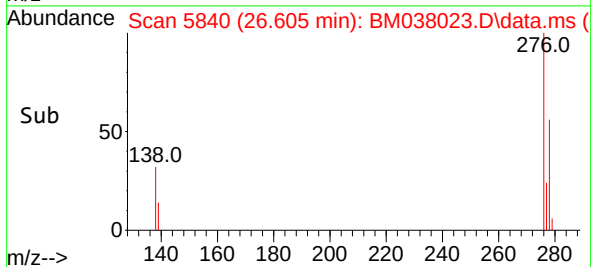
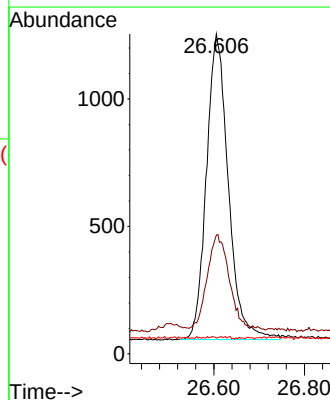
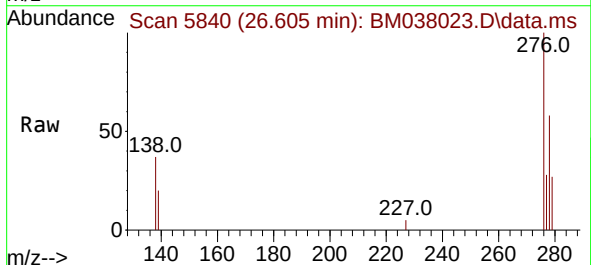
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

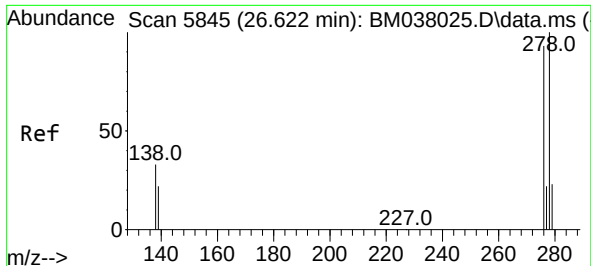
Tgt Ion:252 Resp: 3237
Ion Ratio Lower Upper
252 100
253 41.3 21.9 32.9#
125 50.8 20.7 31.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.092 ng/ul
RT: 26.605 min Scan# 5840
Delta R.T. -0.003 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

Tgt Ion:276 Resp: 4028
Ion Ratio Lower Upper
276 100
138 31.7 26.6 40.0
227 0.4 0.1 0.1#

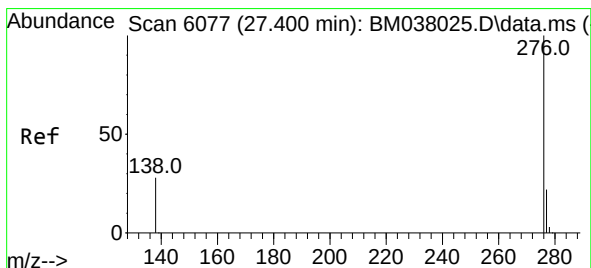
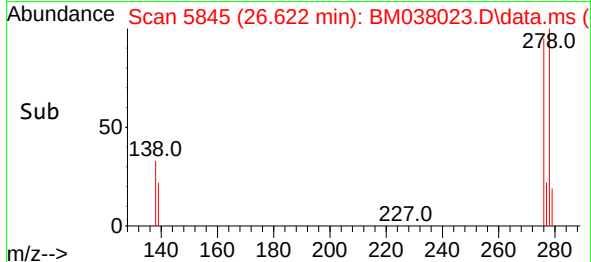
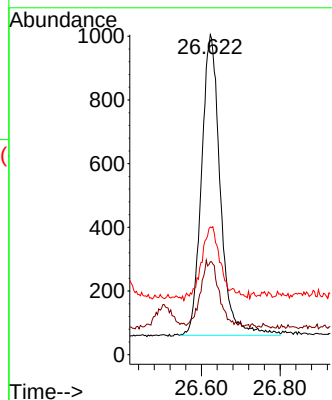
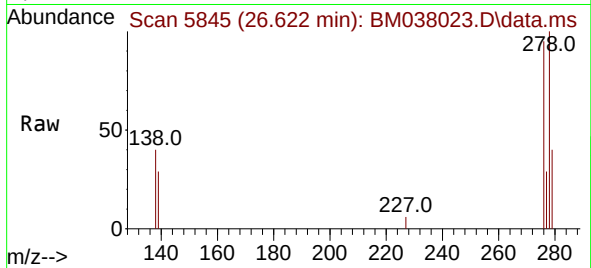




#28
Dibenzo(a,h)anthracene
Concen: 0.093 ng/ul
RT: 26.622 min Scan# 5845
Delta R.T. 0.000 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

Tgt Ion:278 Resp: 3122
Ion Ratio Lower Upper
278 100
139 29.1 19.0 28.6#
279 39.9 22.4 33.6#



#29
Benzo(g,h,i)perylene
Concen: 0.094 ng/ul
RT: 27.400 min Scan# 6077
Delta R.T. 0.000 min
Lab File: BM038023.D
Acq: 15 Dec 2022 09:41

Tgt Ion:276 Resp: 3427
Ion Ratio Lower Upper
276 100
138 36.2 24.1 36.1#
277 29.7 19.0 28.6#

