

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038026.D
 Acq On : 15 Dec 2022 11:32
 Operator : CG/JU
 Sample : SST0.807
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8018

Quant Time: Dec 15 21:43:10 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

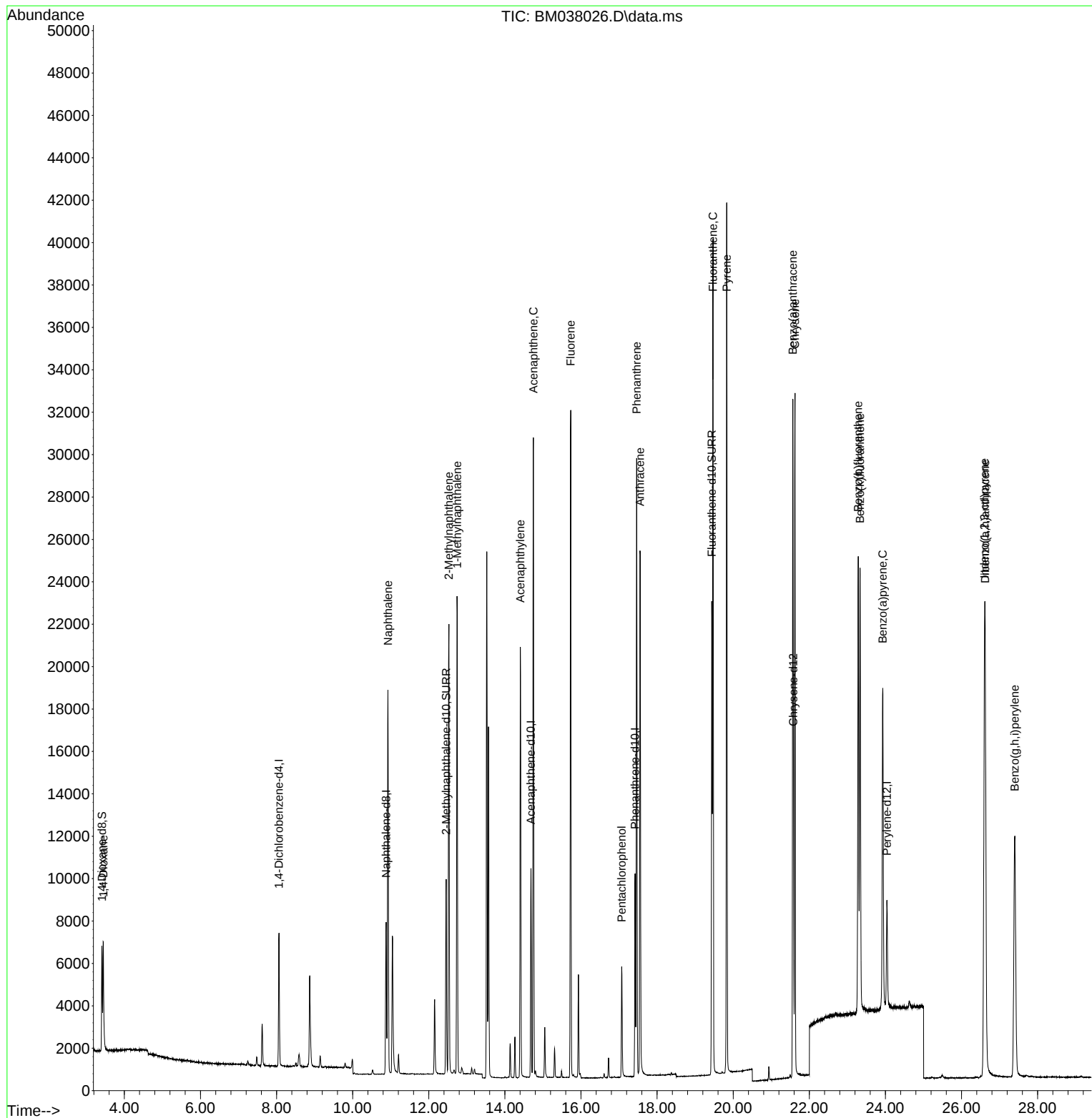
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	3304	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	9451	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.685	164	5132	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.422	188	10426	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	7595	0.400	ng/ul	0.00
23) Perylene-d12	24.041	264	7124	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	3547	0.761	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	11565	0.864	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	22370	0.863	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	3423	0.743	ng/ul	92
5) Naphthalene	10.928	128	23954	0.830	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	14831	0.871	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	15090	0.865	ng/ul	100
10) Acenaphthylene	14.407	152	22632	0.777	ng/ul	99
11) Acenaphthene	14.749	153	17114	0.820	ng/ul	100
12) Fluorene	15.730	166	19203	0.802	ng/ul	100
14) Pentachlorophenol	17.071	266	3538	0.798	ng/ul	99
15) Phenanthrene	17.464	178	29514	0.817	ng/ul	99
16) Anthracene	17.552	178	27622	0.836	ng/ul	99
19) Fluoranthene	19.469	202	32091	0.800	ng/ul	100
20) Pyrene	19.831	202	32621	0.801	ng/ul	100
21) Benzo(a)anthracene	21.568	228	26752	0.771	ng/ul	98
22) Chrysene	21.624	228	27259	0.757	ng/ul	100
24) Benzo(b)fluoranthene	23.284	252	28023	0.709	ng/ul	93
25) Benzo(k)fluoranthene	23.333	252	27308	0.737	ng/ul	93
26) Benzo(a)pyrene	23.930	252	24055	0.750	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.606	276	30046	0.770	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.622	278	23492	0.783	ng/ul	96
29) Benzo(g,h,i)perylene	27.400	276	25532	0.787	ng/ul	98

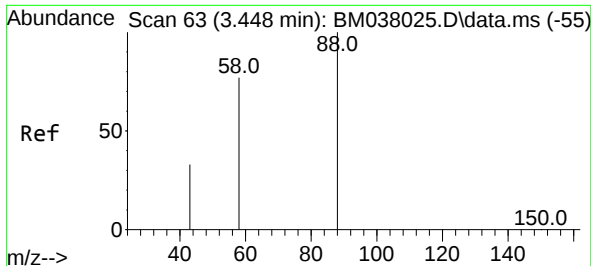
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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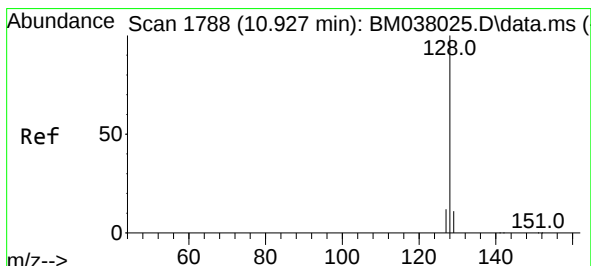
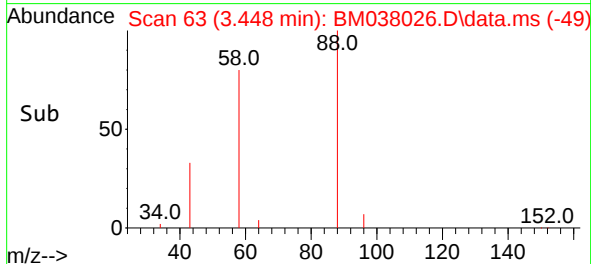
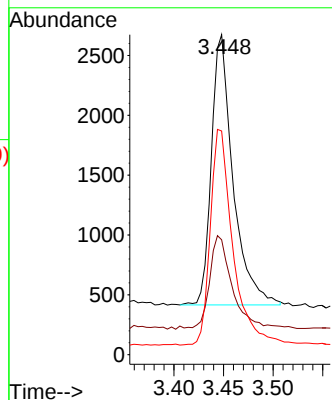
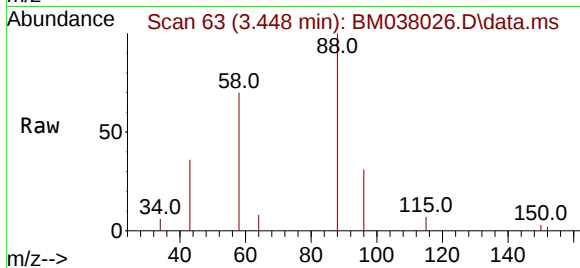




#2
1,4-Dioxane
Concen: 0.743 ng/ul
RT: 3.448 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038026.D
Acq: 15 Dec 2022 11:32

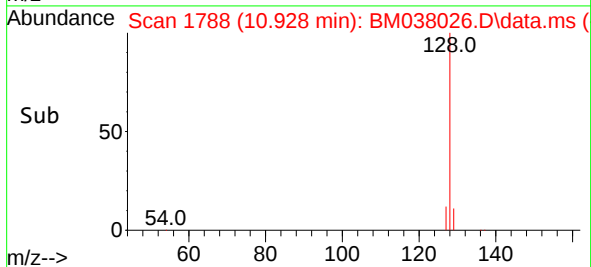
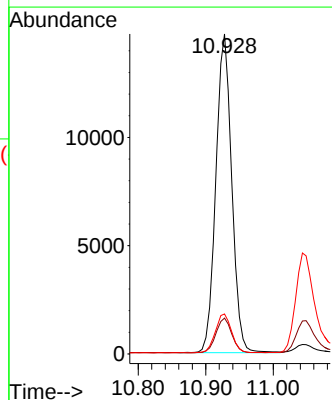
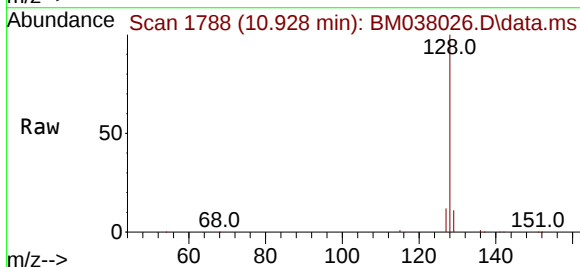
Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

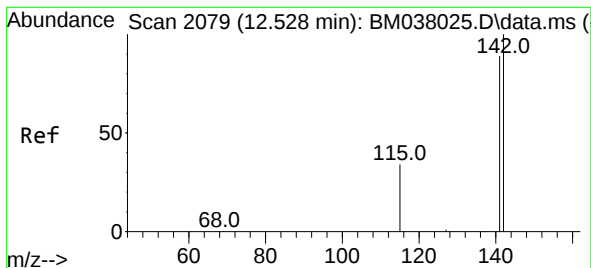
Tgt Ion: 88 Resp: 3423
Ion Ratio Lower Upper
88 100
43 35.9 31.4 47.0
58 69.9 50.2 75.2



#5
Naphthalene
Concen: 0.830 ng/ul
RT: 10.928 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BM038026.D
Acq: 15 Dec 2022 11:32

Tgt Ion: 128 Resp: 23954
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 12.5 10.4 15.6

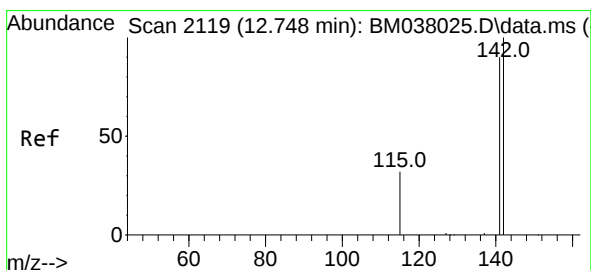
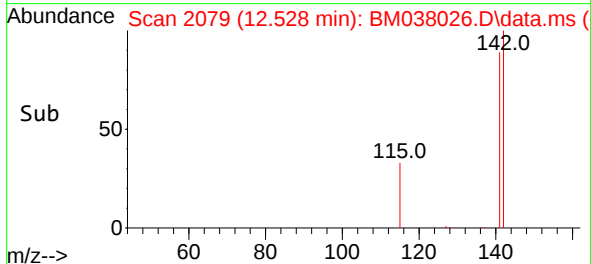
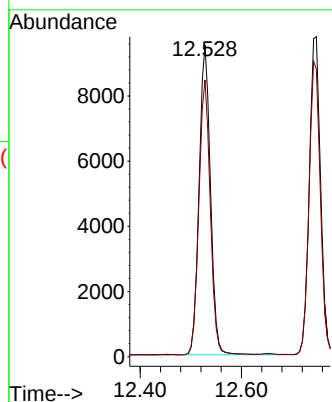
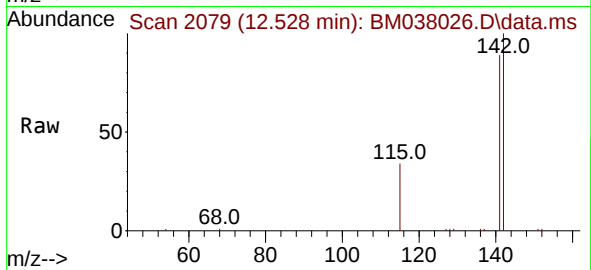




#7
2-Methylnaphthalene
Concen: 0.871 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM038026.D
Acq: 15 Dec 2022 11:32

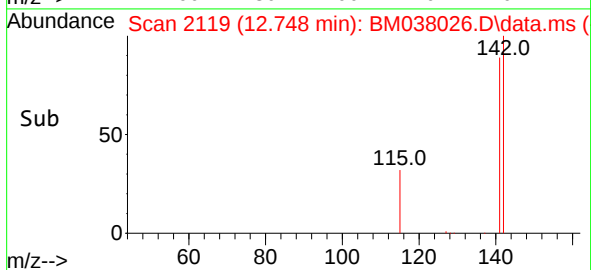
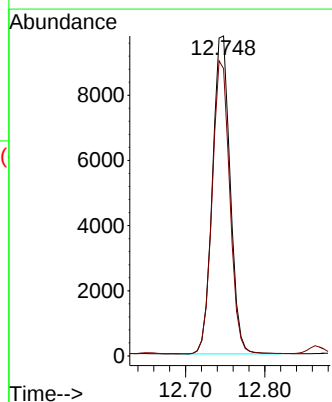
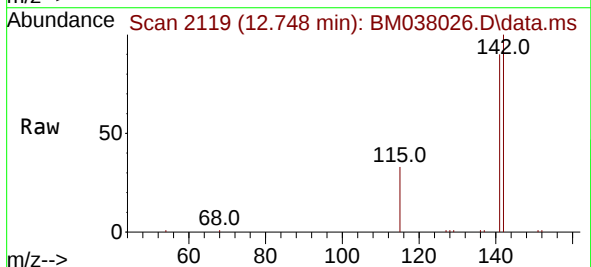
Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

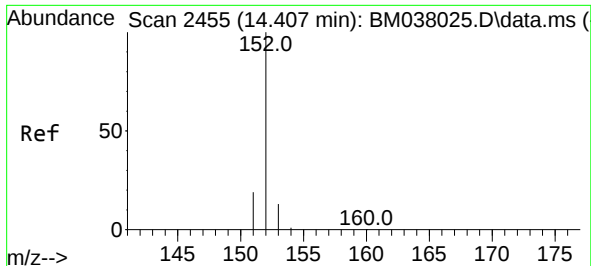
Tgt Ion:142 Resp: 14831
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.865 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BM038026.D
Acq: 15 Dec 2022 11:32

Tgt Ion:142 Resp: 15090
Ion Ratio Lower Upper
142 100
141 91.8 73.6 110.4

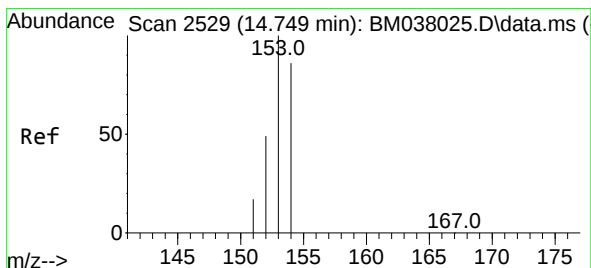
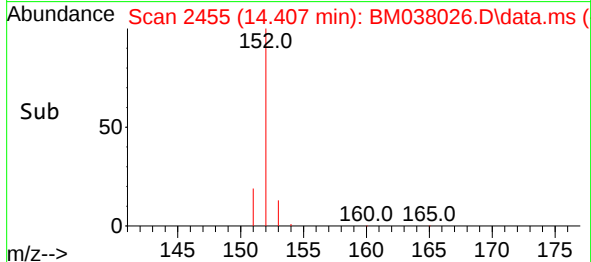
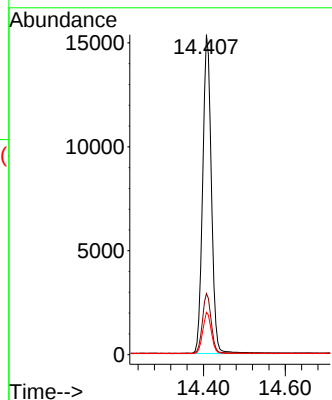
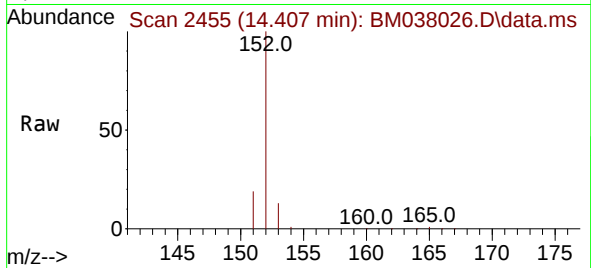




#10
Acenaphthylene
Concen: 0.777 ng/ul
RT: 14.407 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM038026.D
Acq: 15 Dec 2022 11:32

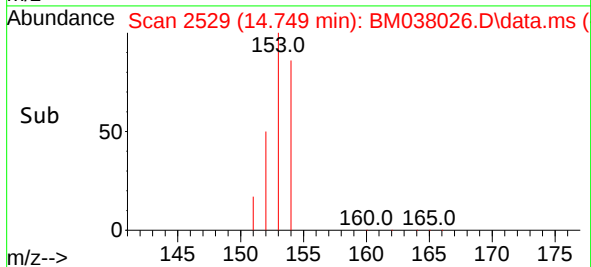
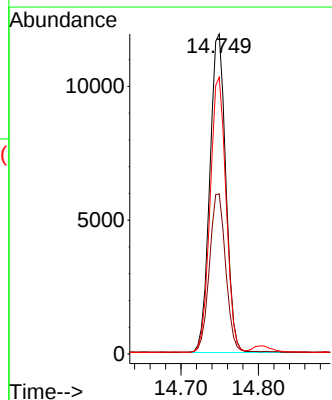
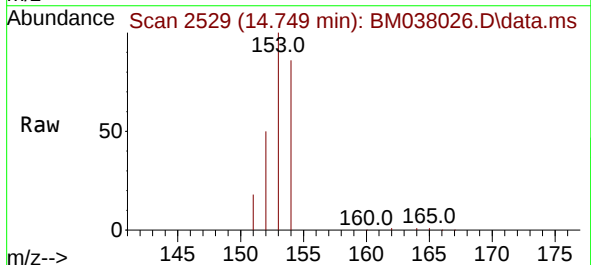
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ClientSampleId :
SSTD0.8018

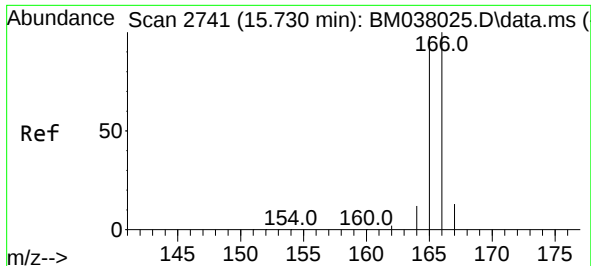
Tgt Ion:152 Resp: 22632
Ion Ratio Lower Upper
152 100
151 19.1 15.5 23.3
153 13.3 11.0 16.4



#11
Acenaphthene
Concen: 0.820 ng/ul
RT: 14.749 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM038026.D
Acq: 15 Dec 2022 11:32

Tgt Ion:153 Resp: 17114
Ion Ratio Lower Upper
153 100
152 50.1 39.5 59.3
154 86.4 69.2 103.8

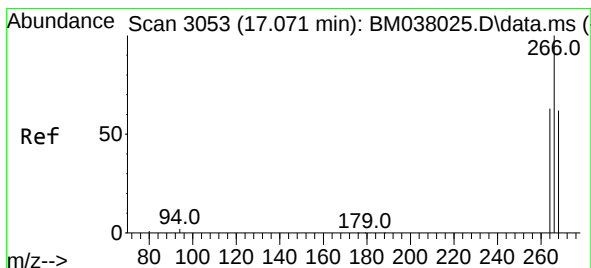
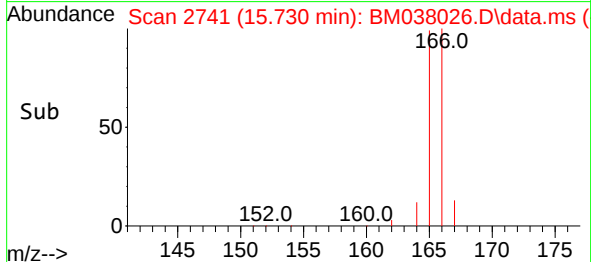
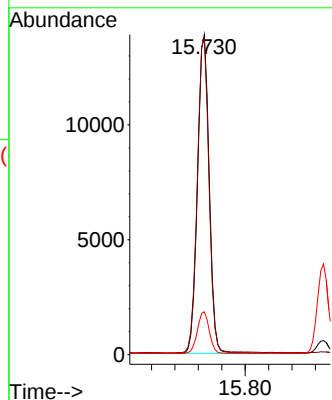
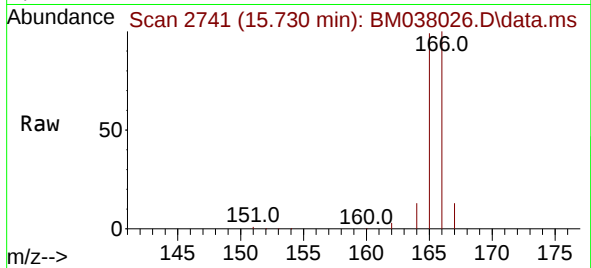




#12
Fluorene
Concen: 0.802 ng/ul
RT: 15.730 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038026.D
Acq: 15 Dec 2022 11:32

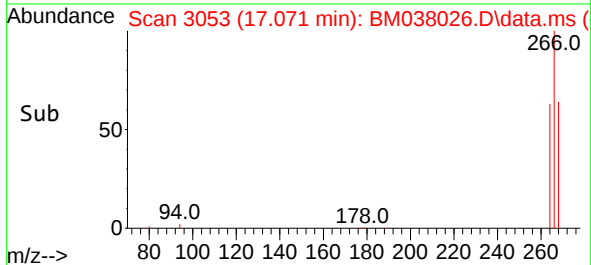
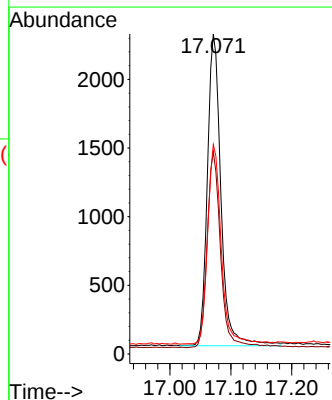
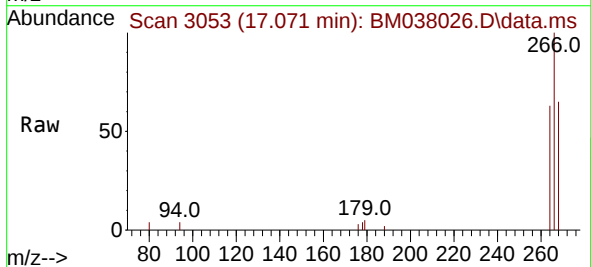
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ClientSampleId :
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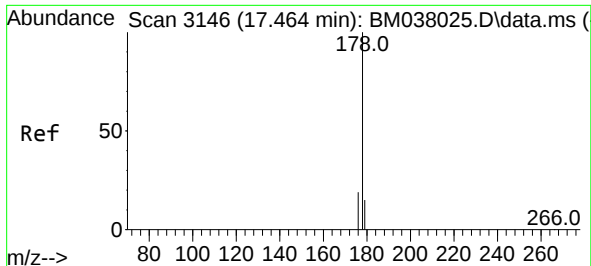
Tgt Ion:166 Resp: 19203
Ion Ratio Lower Upper
166 100
165 98.8 79.0 118.4
167 13.4 11.1 16.7



#14
Pentachlorophenol
Concen: 0.798 ng/ul
RT: 17.071 min Scan# 3053
Delta R.T. 0.000 min
Lab File: BM038026.D
Acq: 15 Dec 2022 11:32

Tgt Ion:266 Resp: 3538
Ion Ratio Lower Upper
266 100
264 62.4 49.9 74.9
268 64.1 52.0 78.0

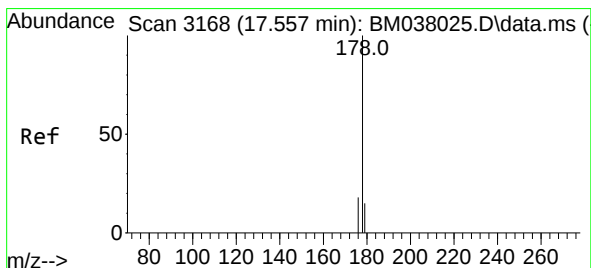
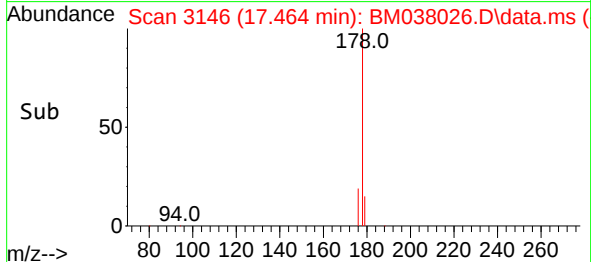
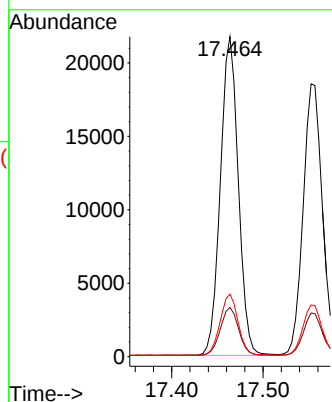
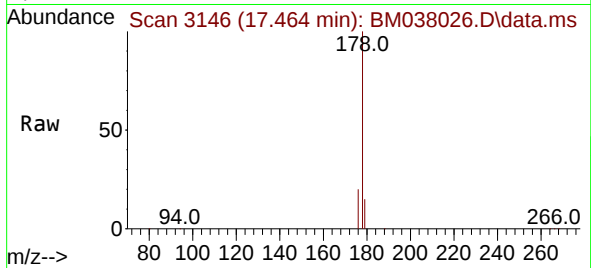




#15
Phenanthrene
Concen: 0.817 ng/ul
RT: 17.464 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BM038026.D
Acq: 15 Dec 2022 11:32

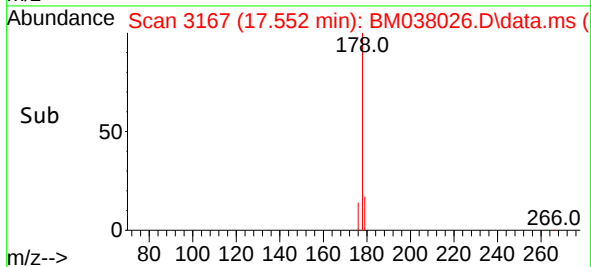
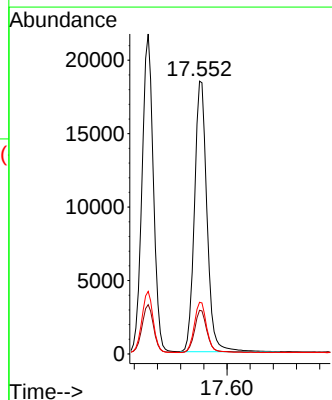
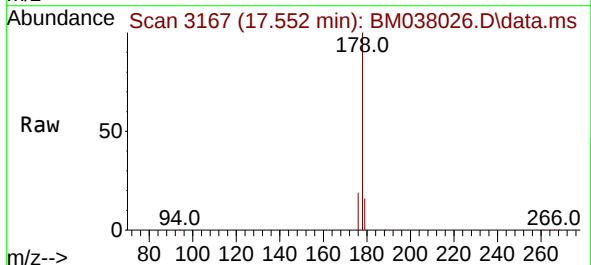
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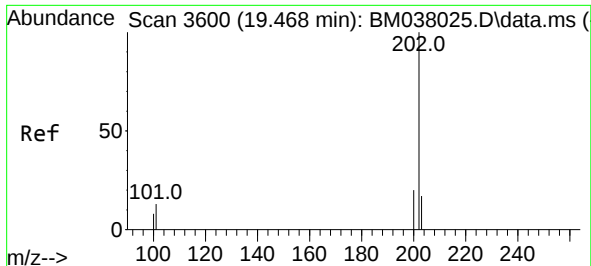
Tgt Ion:	178	Resp:	29514
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.6	19.0
176	19.6	15.8	23.6



#16
Anthracene
Concen: 0.836 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM038026.D
Acq: 15 Dec 2022 11:32

Tgt Ion:	178	Resp:	27622
Ion Ratio	Lower	Upper	
178	100		
179	16.0	13.0	19.4
176	19.0	15.0	22.4

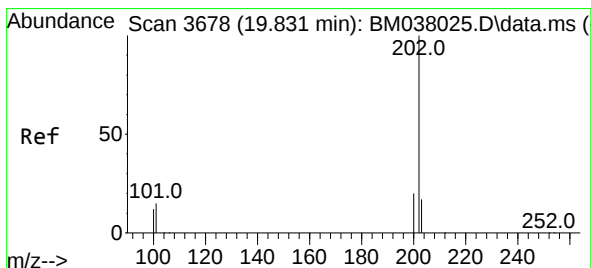
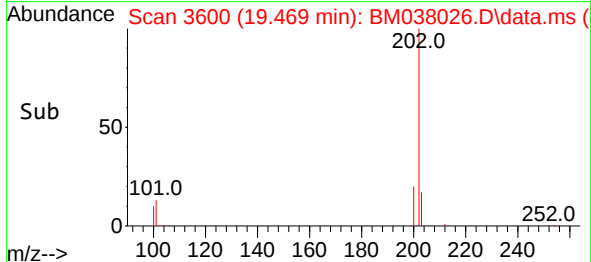
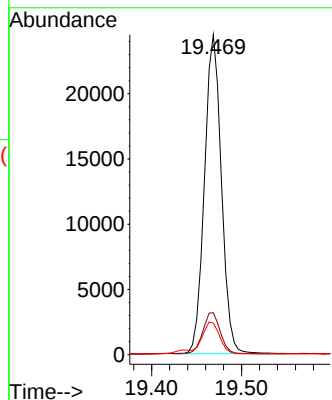
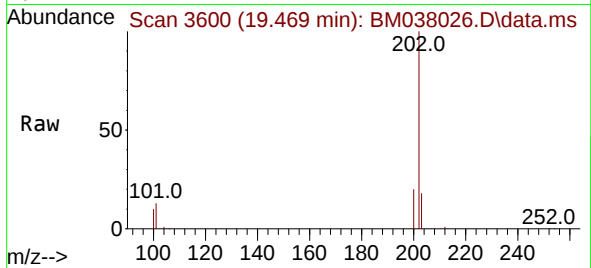




#19
Fluoranthene
Concen: 0.800 ng/u1
RT: 19.469 min Scan# 3600
Delta R.T. 0.000 min
Lab File: BM038026.D
Acq: 15 Dec 2022 11:32

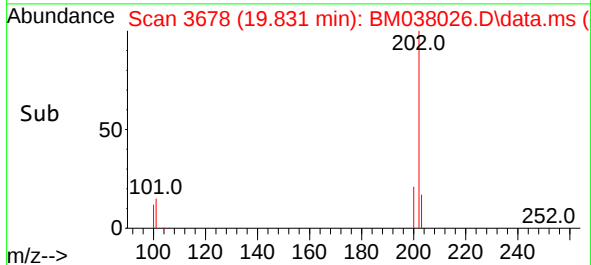
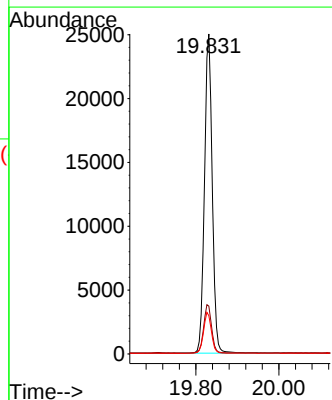
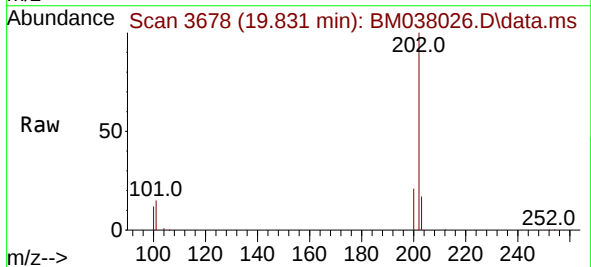
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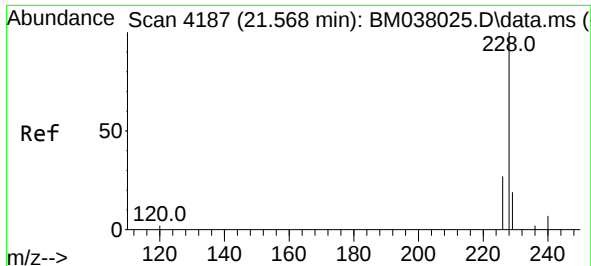
Tgt Ion:202 Resp: 32091
Ion Ratio Lower Upper
202 100
101 13.1 10.6 15.8
100 9.9 7.9 11.9



#20
Pyrene
Concen: 0.801 ng/u1
RT: 19.831 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BM038026.D
Acq: 15 Dec 2022 11:32

Tgt Ion:202 Resp: 32621
Ion Ratio Lower Upper
202 100
101 15.0 12.1 18.1
100 11.9 9.8 14.6

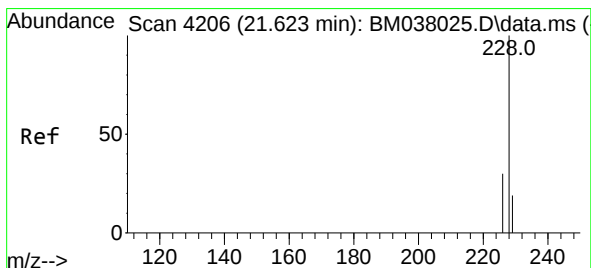
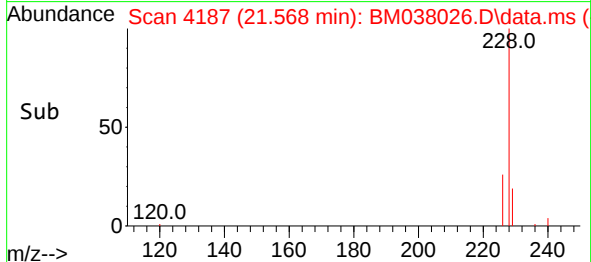
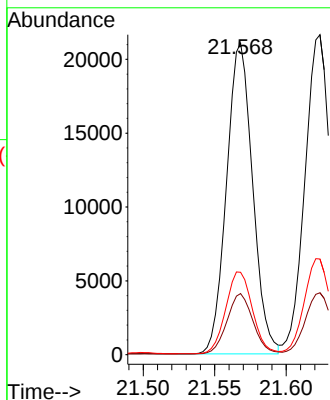
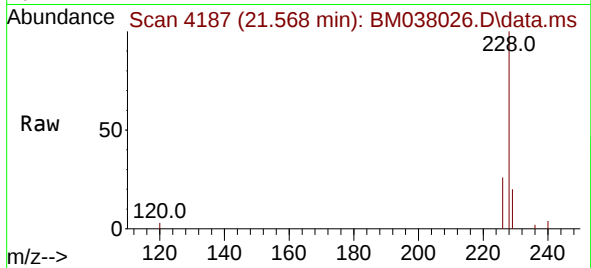




#21
Benzo(a)anthracene
Concen: 0.771 ng/ul
RT: 21.568 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BM038026.D
Acq: 15 Dec 2022 11:32

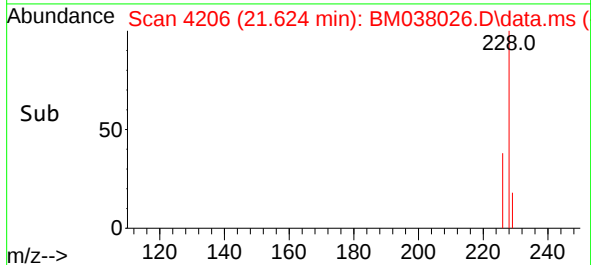
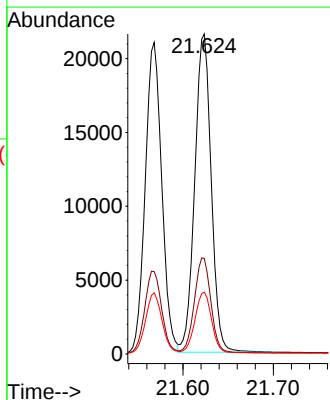
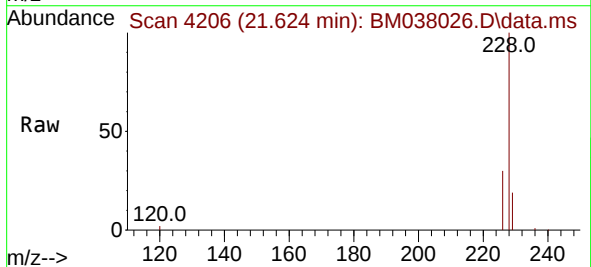
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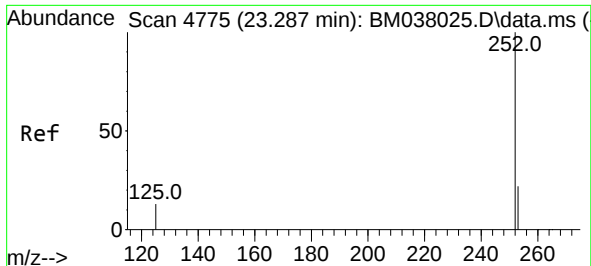
Tgt Ion:228 Resp: 26752
Ion Ratio Lower Upper
228 100
229 19.6 15.9 23.9
226 26.5 22.1 33.1



#22
Chrysene
Concen: 0.757 ng/ul
RT: 21.624 min Scan# 4206
Delta R.T. 0.000 min
Lab File: BM038026.D
Acq: 15 Dec 2022 11:32

Tgt Ion:228 Resp: 27259
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 19.4 15.7 23.5

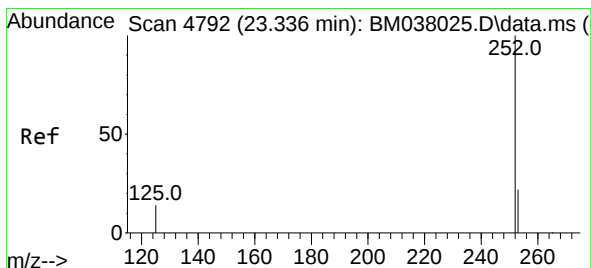
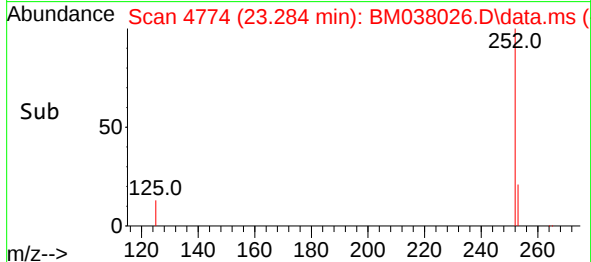
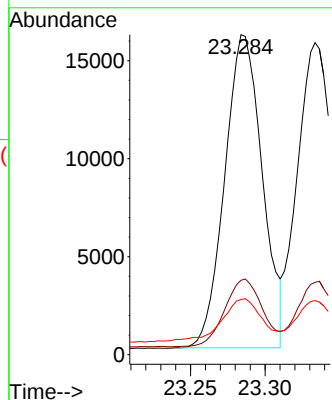
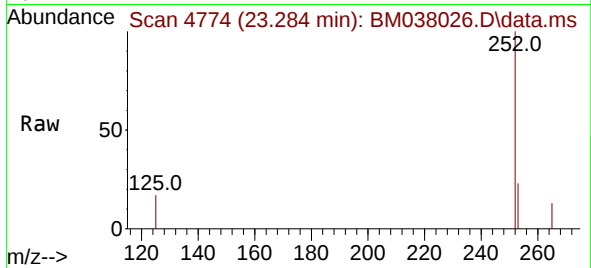




#24
Benzo(b)fluoranthene
Concen: 0.709 ng/ul
RT: 23.284 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BM038026.D
Acq: 15 Dec 2022 11:32

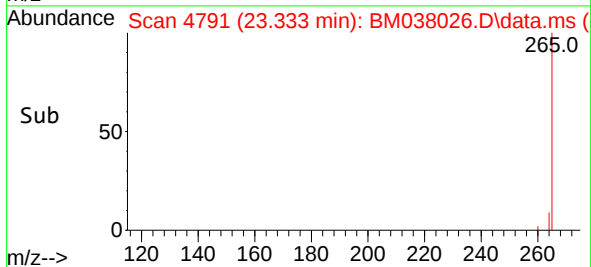
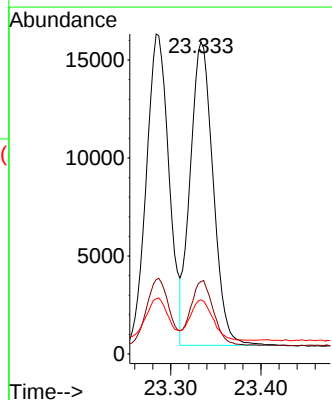
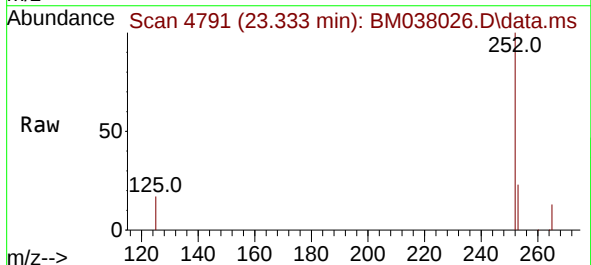
Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

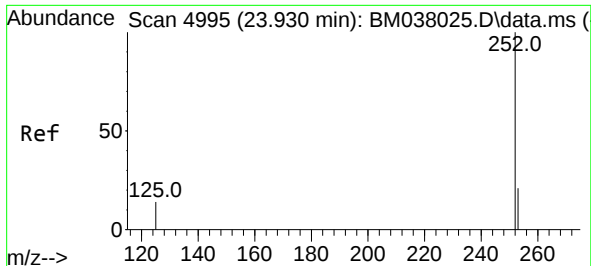
Tgt Ion:252 Resp: 28023
Ion Ratio Lower Upper
252 100
253 23.3 0.0 51.8
125 17.3 0.0 42.2



#25
Benzo(k)fluoranthene
Concen: 0.737 ng/ul
RT: 23.333 min Scan# 4791
Delta R.T. -0.003 min
Lab File: BM038026.D
Acq: 15 Dec 2022 11:32

Tgt Ion:252 Resp: 27308
Ion Ratio Lower Upper
252 100
253 23.2 20.8 31.2
125 17.3 17.1 25.7

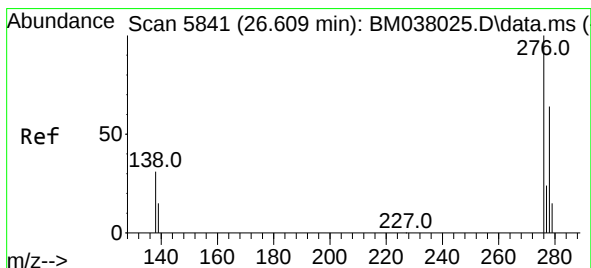
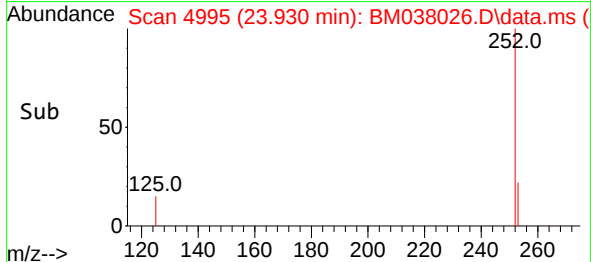
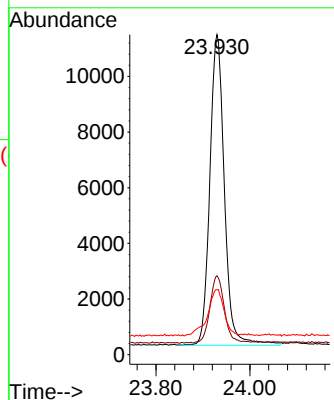
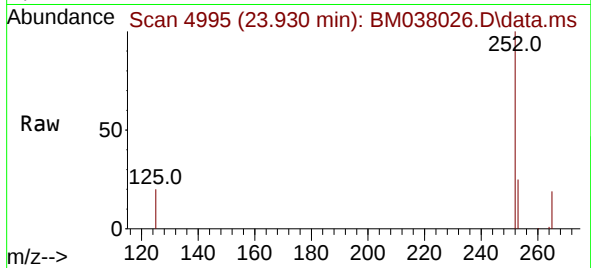




#26
Benzo(a)pyrene
Concen: 0.750 ng/ul
RT: 23.930 min Scan# 4995
Delta R.T. 0.000 min
Lab File: BM038026.D
Acq: 15 Dec 2022 11:32

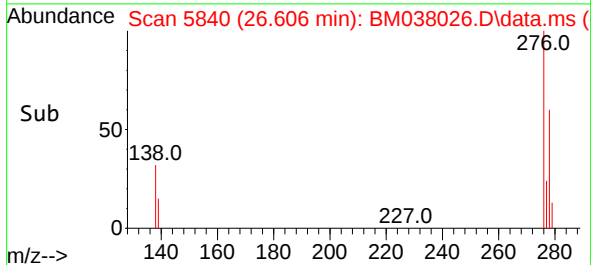
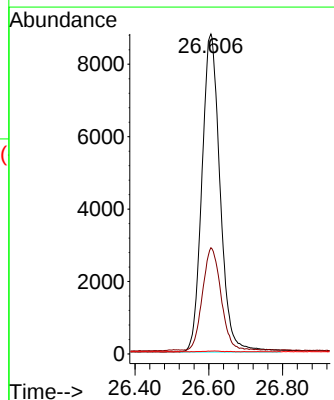
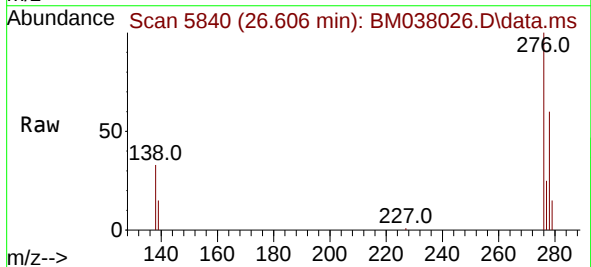
Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

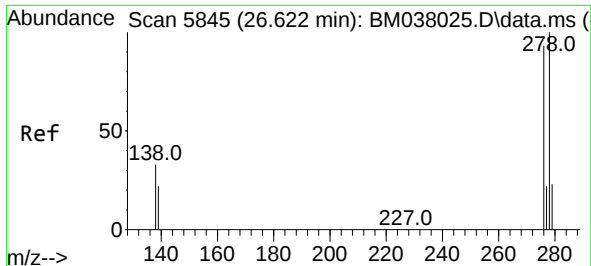
Tgt Ion:252 Resp: 24055
Ion Ratio Lower Upper
252 100
253 24.7 21.9 32.9
125 20.3 20.7 31.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.770 ng/ul
RT: 26.606 min Scan# 5840
Delta R.T. -0.003 min
Lab File: BM038026.D
Acq: 15 Dec 2022 11:32

Tgt Ion:276 Resp: 30046
Ion Ratio Lower Upper
276 100
138 32.5 26.6 40.0
227 0.2 0.1 0.1#

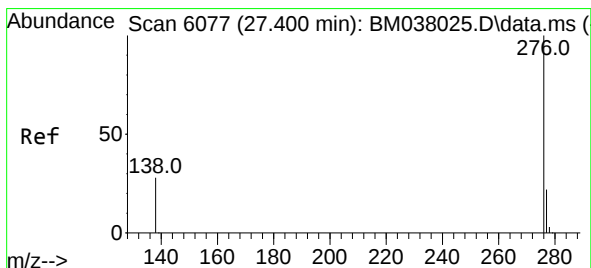
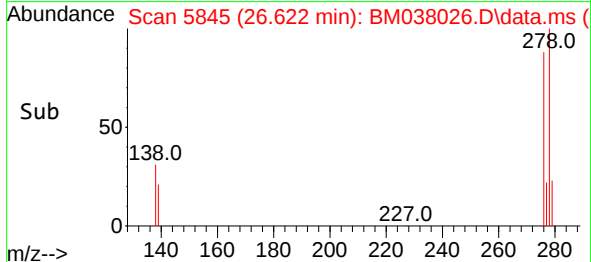
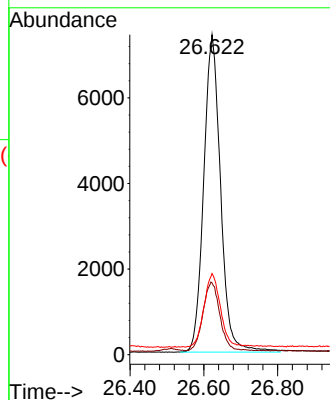
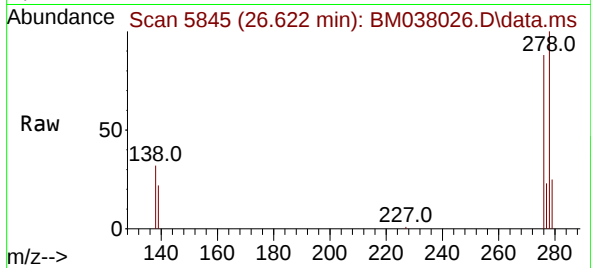




#28
 Dibenzo(a,h)anthracene
 Concen: 0.783 ng/ul
 RT: 26.622 min Scan# 5845
 Delta R.T. 0.000 min
 Lab File: BM038026.D
 Acq: 15 Dec 2022 11:32

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.8018

Tgt Ion:278 Resp: 23492
 Ion Ratio Lower Upper
 278 100
 139 22.4 19.0 28.6
 279 25.4 22.4 33.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.787 ng/ul
 RT: 27.400 min Scan# 6077
 Delta R.T. 0.000 min
 Lab File: BM038026.D
 Acq: 15 Dec 2022 11:32

Tgt Ion:276 Resp: 25532
 Ion Ratio Lower Upper
 276 100
 138 28.8 24.1 36.1
 277 23.3 19.0 28.6

