

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039815.D
 Acq On : 02 May 2023 22:55
 Operator : CG/JU
 Sample : PB152414BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS414

Quant Time: May 03 04:18:19 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

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

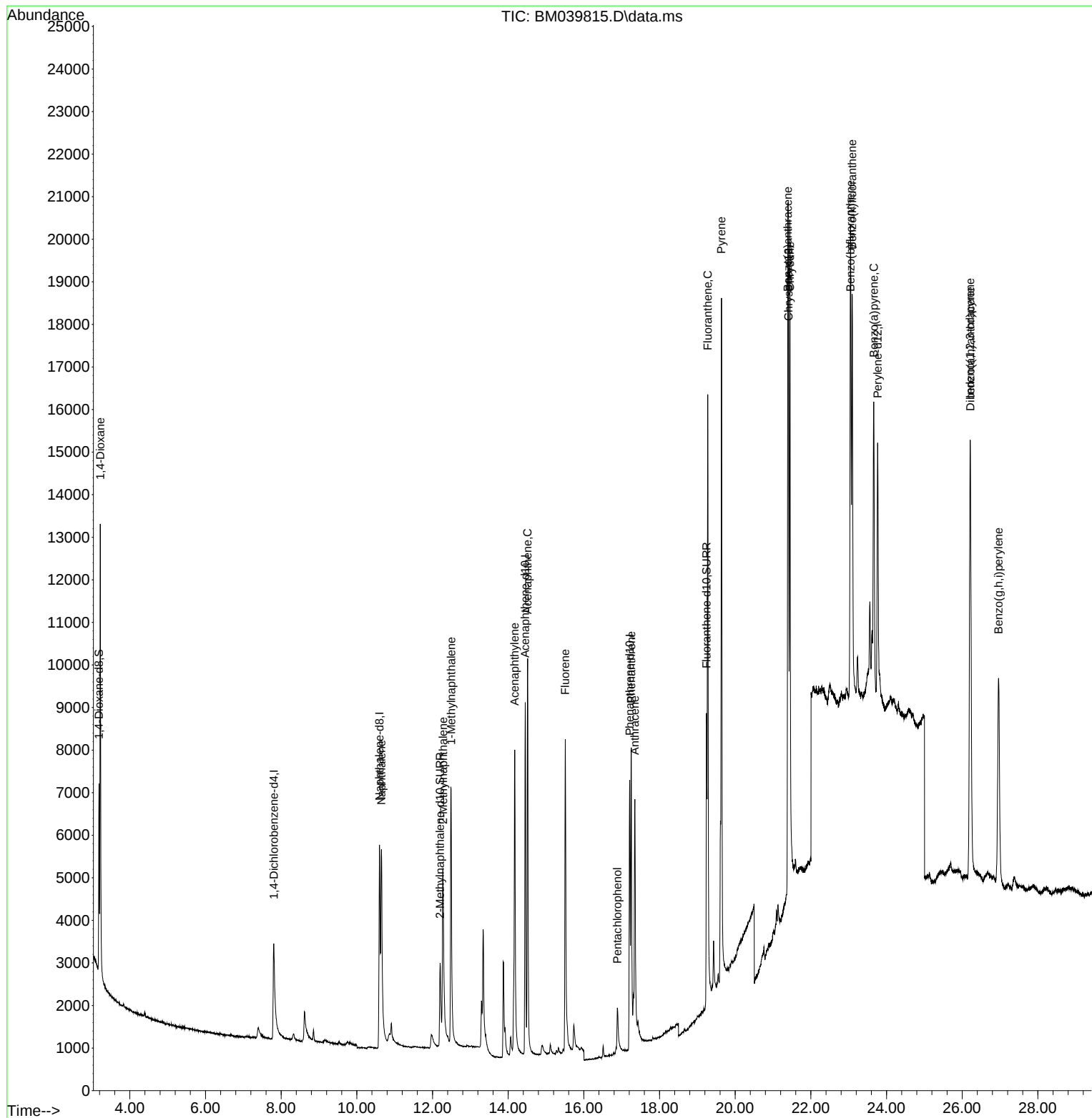
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	2774	0.400	ng/ul	0.00
4) Naphthalene-d8	10.599	136	10107	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.449	164	5224	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	9278	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	8334	0.400	ng/ul	# 0.00
23) Perylene-d12	23.764	264	8286	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.184	96	2555	0.625	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	4627	0.357	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	8497	0.379	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.218	88	6521	1.540	ng/ul#	37
5) Naphthalene	10.649	128	9005	0.355	ng/ul	99
7) 2-Methylnaphthalene	12.277	142	5226	0.357	ng/ul	100
8) 1-Methylnaphthalene	12.491	142	5473	0.348	ng/ul	99
10) Acenaphthylene	14.172	152	10510	0.520	ng/ul	99
11) Acenaphthene	14.514	153	6067	0.382	ng/ul	100
12) Fluorene	15.509	166	6397	0.363	ng/ul	99
14) Pentachlorophenol	16.886	266	1349	0.667	ng/ul	97
15) Phenanthrene	17.253	178	9076	0.371	ng/ul	98
16) Anthracene	17.346	178	8710	0.415	ng/ul	98
19) Fluoranthene	19.275	202	14354	0.483	ng/ul	100
20) Pyrene	19.637	202	14958	0.466	ng/ul	99
21) Benzo(a)anthracene	21.394	228	14115	0.589	ng/ul#	86
22) Chrysene	21.444	228	16038	0.591	ng/ul#	88
24) Benzo(b)fluoranthene	23.048	252	16870	0.580	ng/ul#	70
25) Benzo(k)fluoranthene	23.092	252	12889	0.435	ng/ul#	64
26) Benzo(a)pyrene	23.662	252	10825	0.414	ng/ul#	56
27) Indeno(1,2,3-cd)pyrene	26.208	276	13541	0.410	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.218	278	10061	0.392	ng/ul#	65
29) Benzo(g,h,i)perylene	26.963	276	11392	0.396	ng/ul#	75

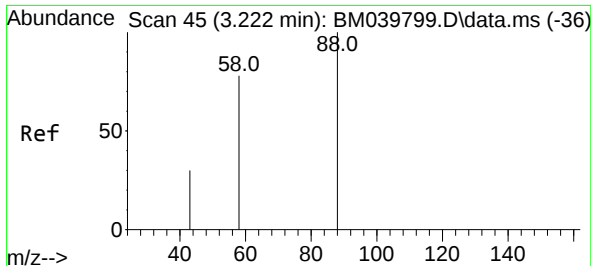
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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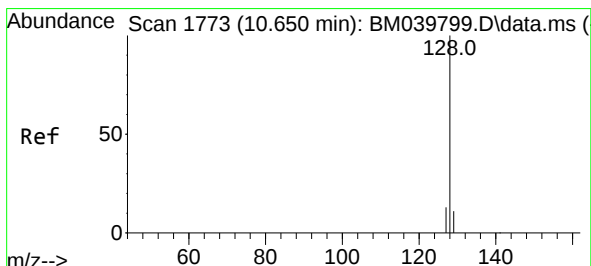
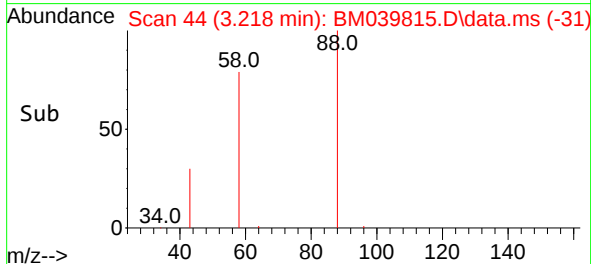
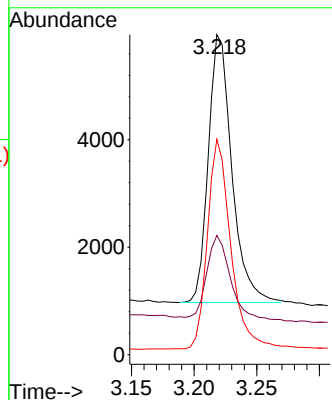
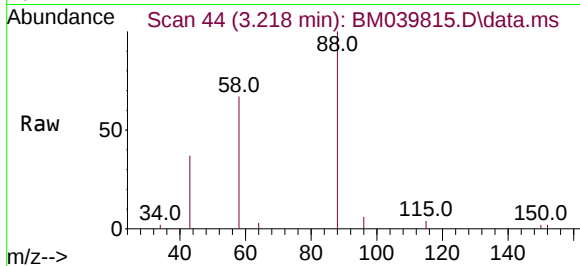




#2
1,4-Dioxane
Concen: 1.540 ng/ul
RT: 3.218 min Scan# 44
Delta R.T. -0.004 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

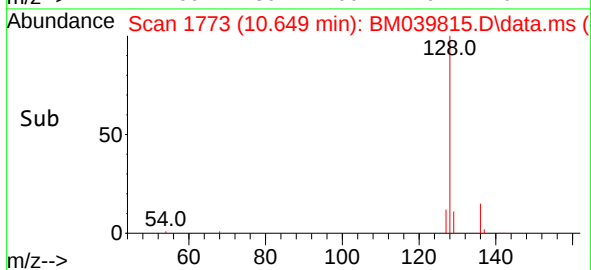
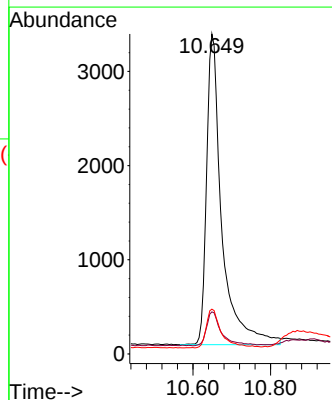
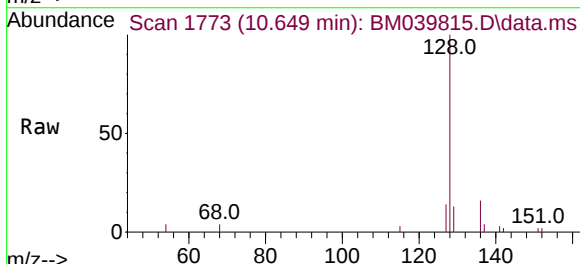
Instrument :
BNA_M
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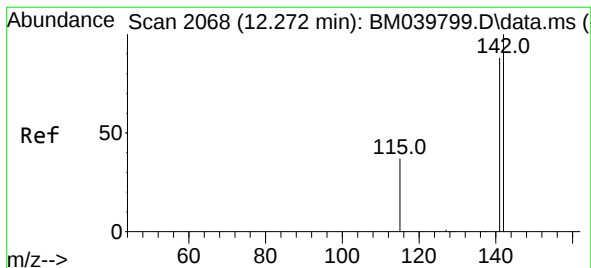
Tgt Ion: 88 Resp: 6521
Ion Ratio Lower Upper
88 100
43 37.2 102.6 153.8#
58 67.3 40.6 61.0#



#5
Naphthalene
Concen: 0.355 ng/ul
RT: 10.649 min Scan# 1773
Delta R.T. -0.001 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

Tgt Ion: 128 Resp: 9005
Ion Ratio Lower Upper
128 100
129 13.2 9.8 14.6
127 14.0 11.1 16.7

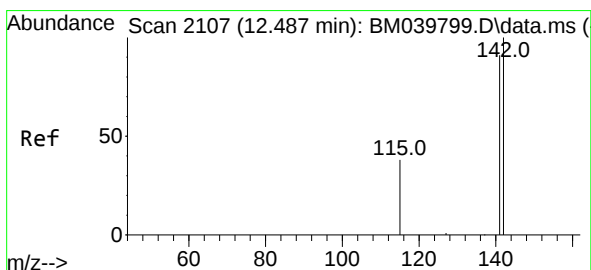
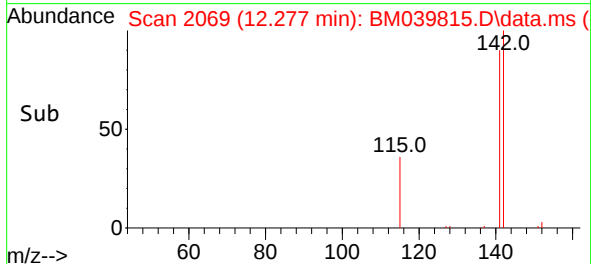
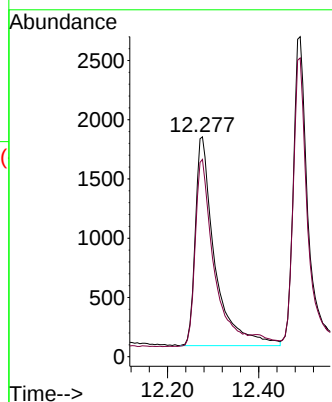
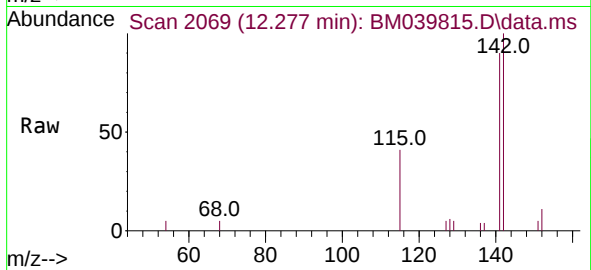




#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.277 min Scan# 2069
Delta R.T. 0.004 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

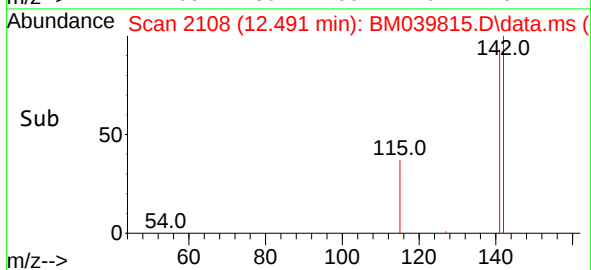
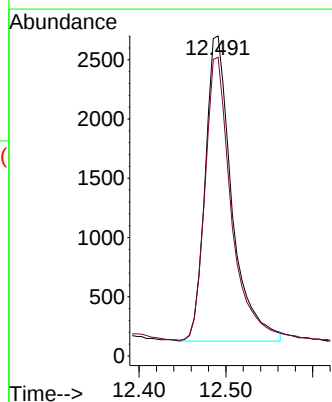
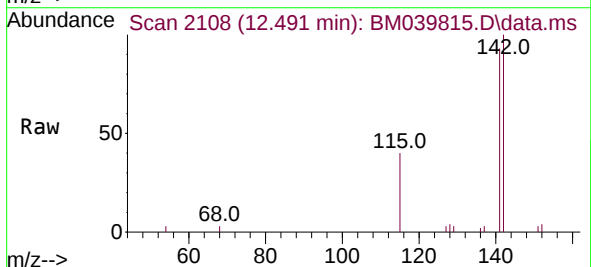
Instrument :
BNA_M
ClientSampleId :
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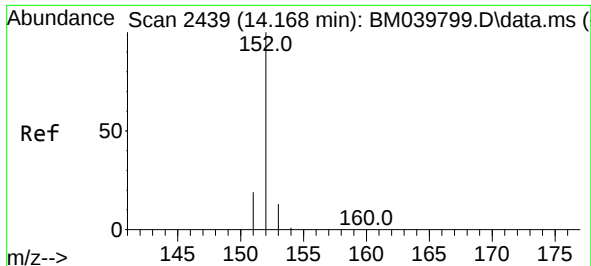
Tgt Ion:142 Resp: 5226
Ion Ratio Lower Upper
142 100
141 91.7 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.491 min Scan# 2108
Delta R.T. 0.004 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

Tgt Ion:142 Resp: 5473
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.2

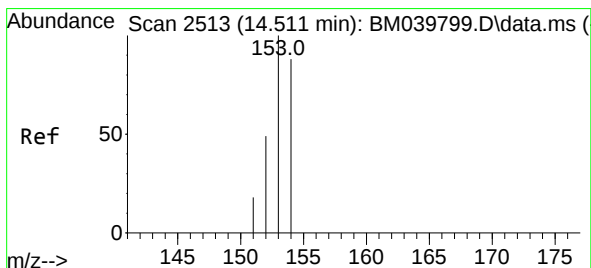
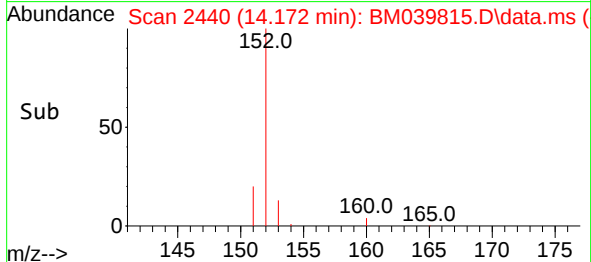
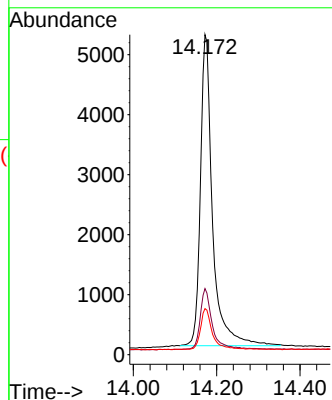
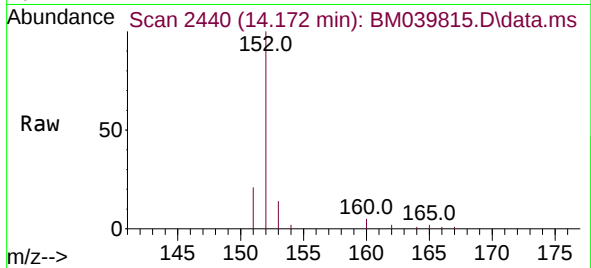




#10
Acenaphthylene
Concen: 0.520 ng/ul
RT: 14.172 min Scan# 2439
Delta R.T. 0.004 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

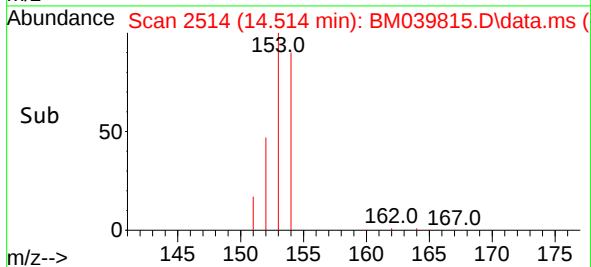
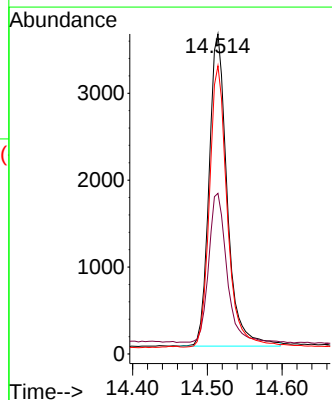
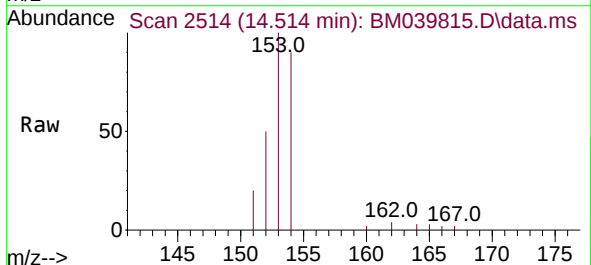
Instrument :
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ClientSampleId :
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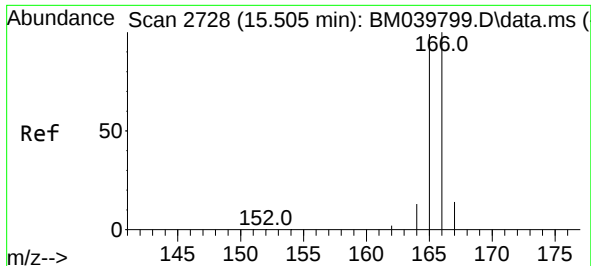
Tgt Ion:152 Resp: 10510
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 14.4 11.2 16.8



#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.514 min Scan# 2514
Delta R.T. 0.004 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

Tgt Ion:153 Resp: 6067
Ion Ratio Lower Upper
153 100
152 50.2 40.6 61.0
154 90.0 71.9 107.9

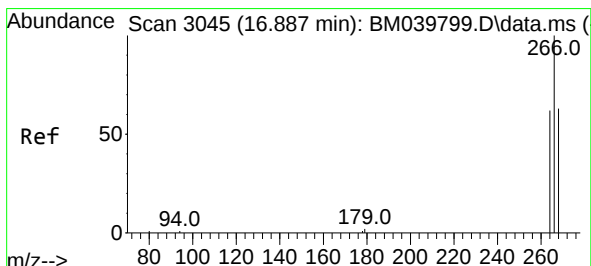
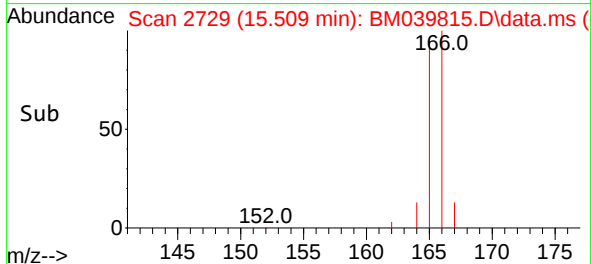
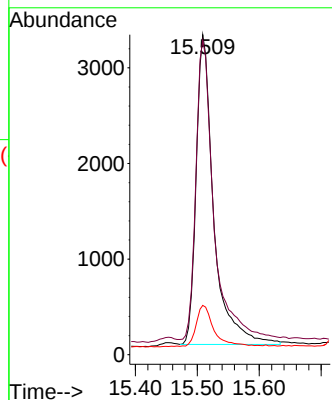
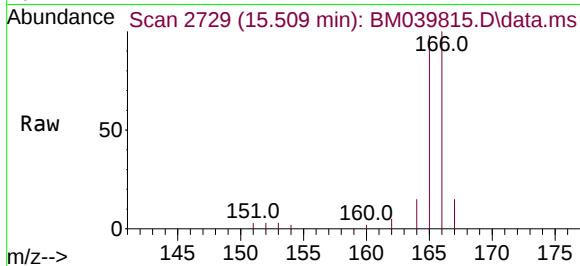




#12
Fluorene
Concen: 0.363 ng/ul
RT: 15.509 min Scan# 21
Delta R.T. 0.004 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

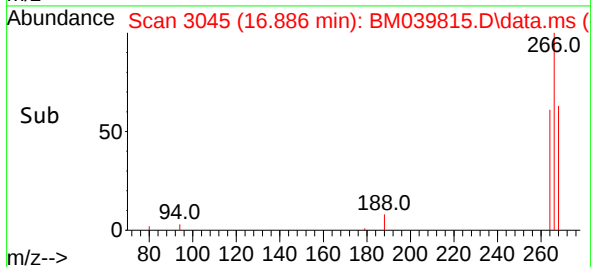
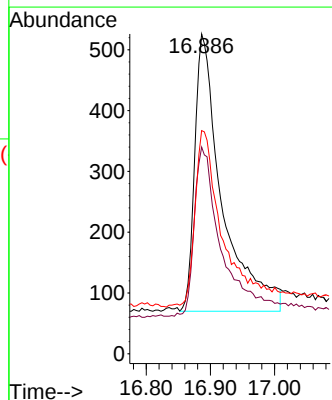
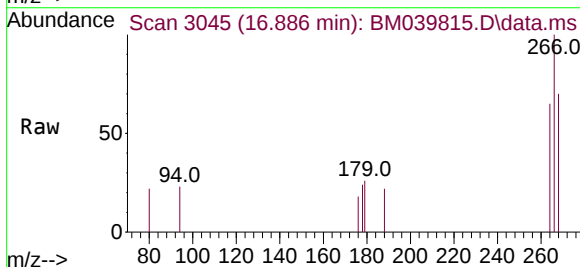
Instrument :
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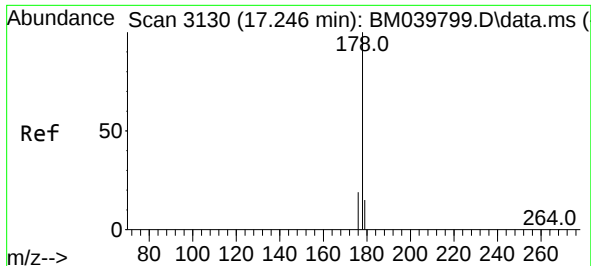
Tgt Ion:	166	Resp:	6397
Ion Ratio	Lower	Upper	
166	100		
165	98.2	79.0	118.6
167	15.4	11.8	17.6



#14
Pentachlorophenol
Concen: 0.667 ng/ul
RT: 16.886 min Scan# 3045
Delta R.T. -0.001 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

Tgt Ion:	266	Resp:	1349
Ion Ratio	Lower	Upper	
266	100		
264	62.0	48.8	73.2
268	66.4	50.4	75.6

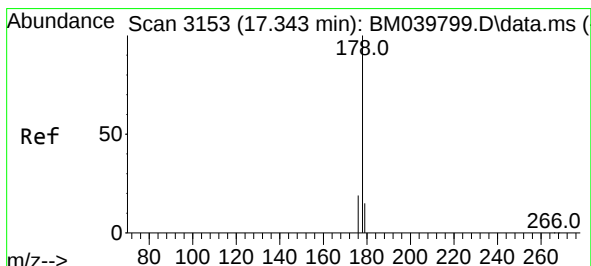
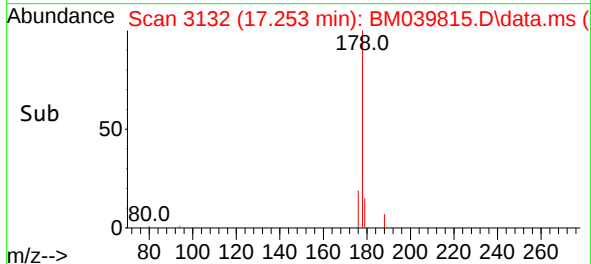
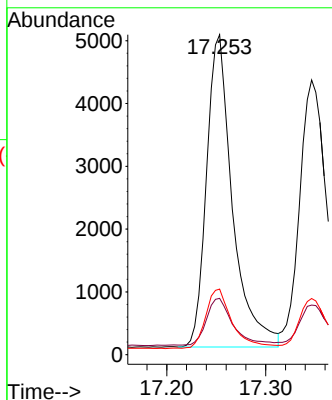
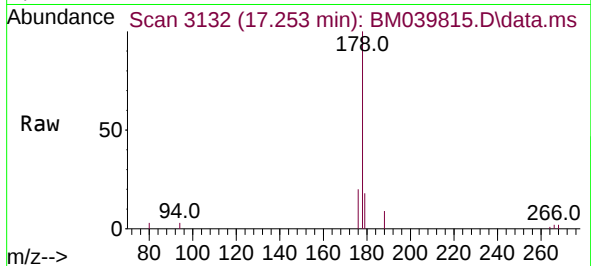




#15
Phenanthrene
Concen: 0.371 ng/u1
RT: 17.253 min Scan# 3131
Delta R.T. 0.007 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

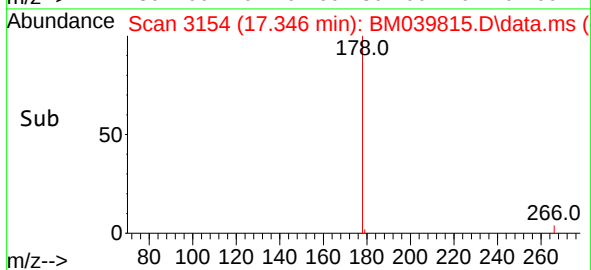
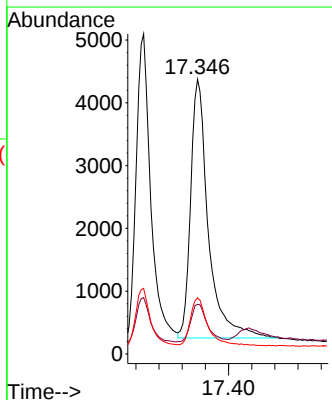
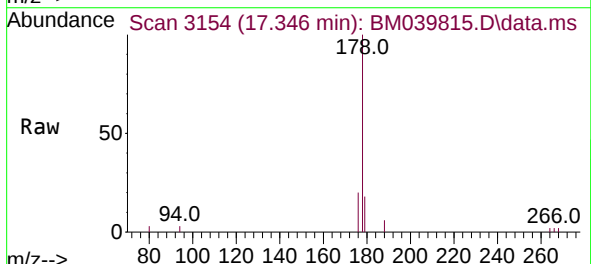
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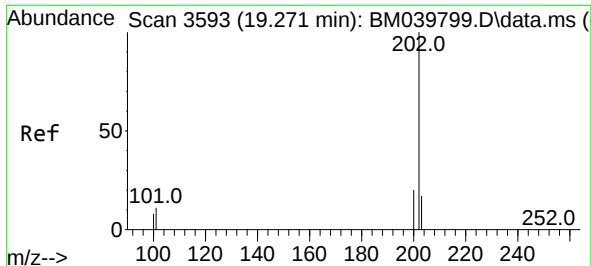
Tgt Ion:178 Resp: 9076
Ion Ratio Lower Upper
178 100
179 17.6 13.0 19.6
176 20.5 15.8 23.8



#16
Anthracene
Concen: 0.415 ng/u1
RT: 17.346 min Scan# 3154
Delta R.T. 0.003 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

Tgt Ion:178 Resp: 8710
Ion Ratio Lower Upper
178 100
179 18.0 13.8 20.6
176 20.4 15.8 23.8

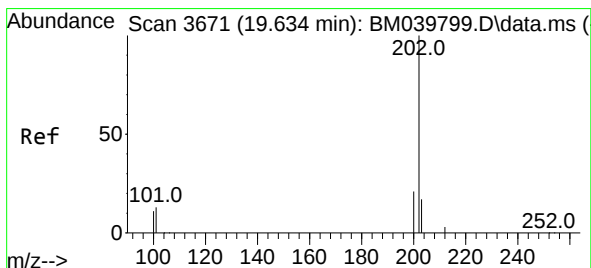
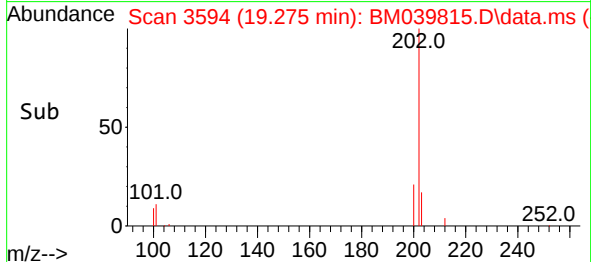
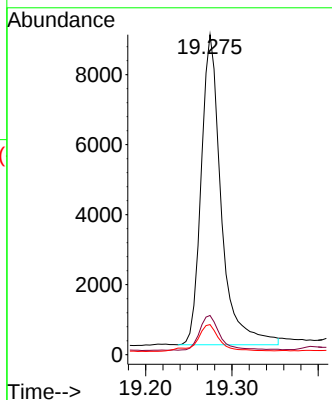
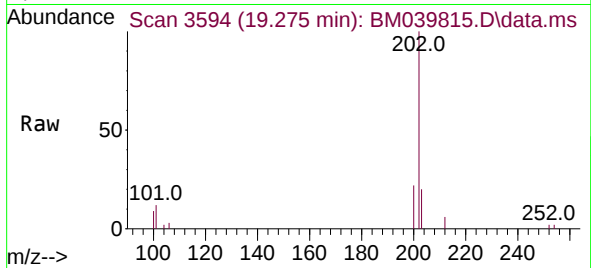




#19
Fluoranthene
Concen: 0.483 ng/ul
RT: 19.275 min Scan# 3594
Delta R.T. 0.004 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

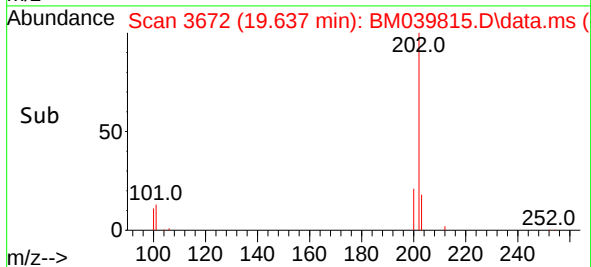
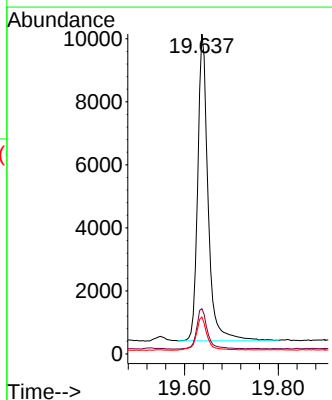
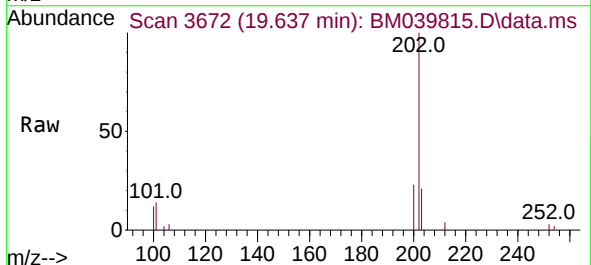
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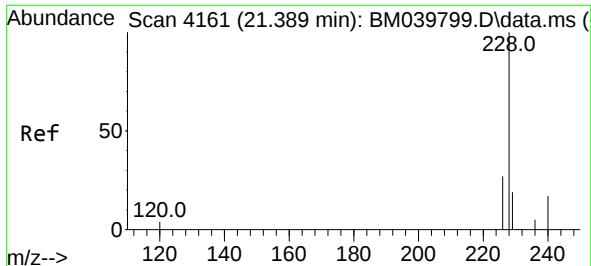
Tgt Ion:202 Resp: 14354
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
100 9.4 7.3 10.9



#20
Pyrene
Concen: 0.466 ng/ul
RT: 19.637 min Scan# 3672
Delta R.T. 0.004 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

Tgt Ion:202 Resp: 14958
Ion Ratio Lower Upper
202 100
101 14.2 10.9 16.3
100 11.5 8.9 13.3

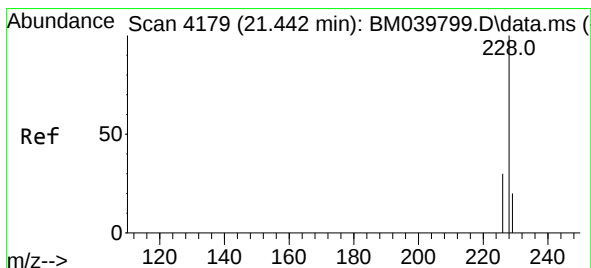
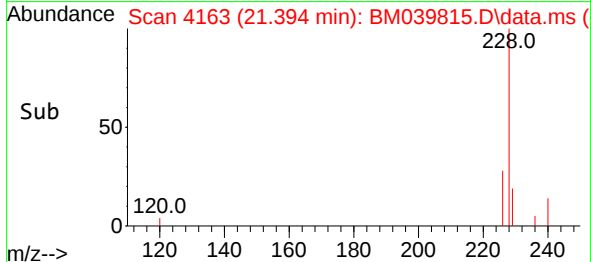
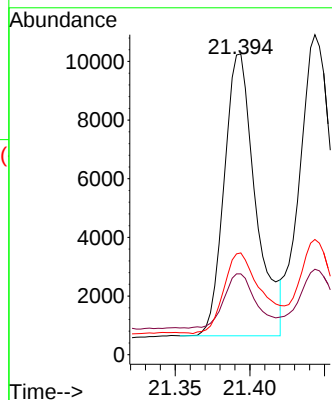
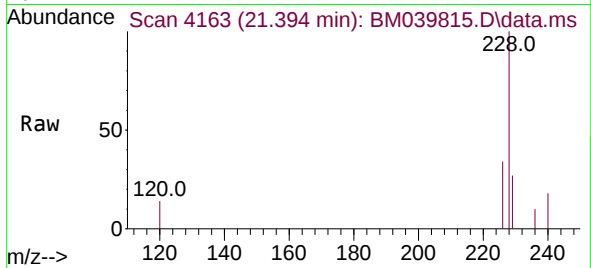




#21
Benzo(a)anthracene
Concen: 0.589 ng/u1
RT: 21.394 min Scan# 4161
Delta R.T. 0.005 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

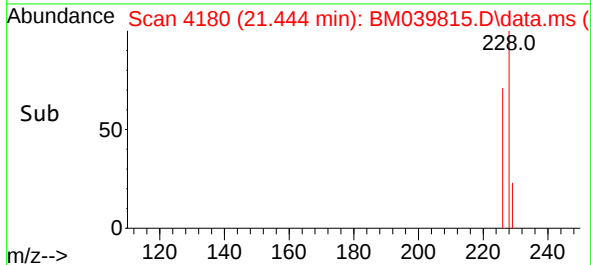
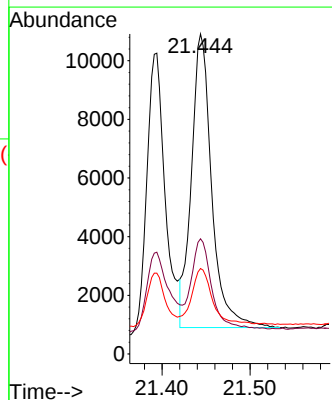
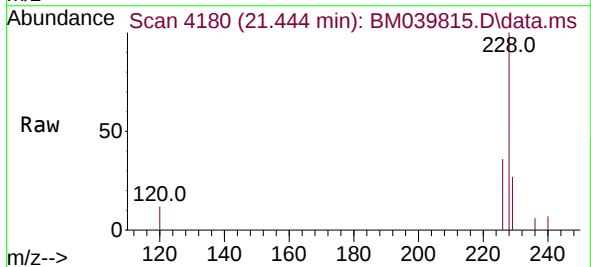
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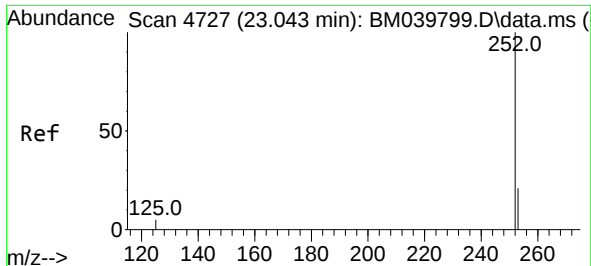
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Ion Ratio Lower Upper
228 100
229 26.9 16.2 24.2#
226 33.9 21.6 32.4#



#22
Chrysene
Concen: 0.591 ng/u1
RT: 21.444 min Scan# 4180
Delta R.T. 0.002 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

Tgt Ion:228 Resp: 16038
Ion Ratio Lower Upper
228 100
226 36.0 24.3 36.5
229 26.7 15.9 23.9#

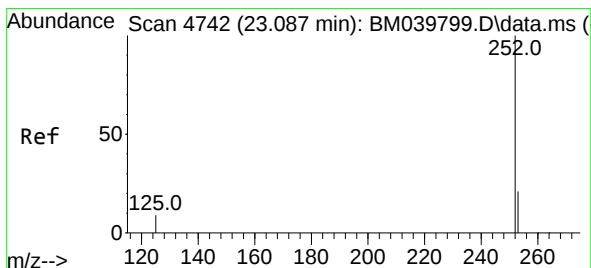
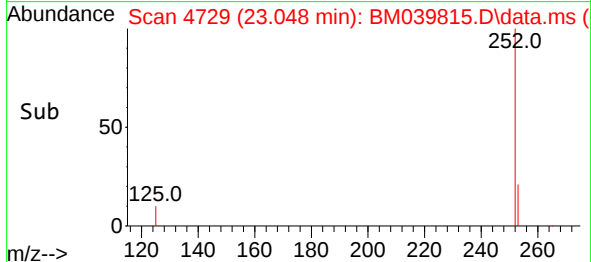
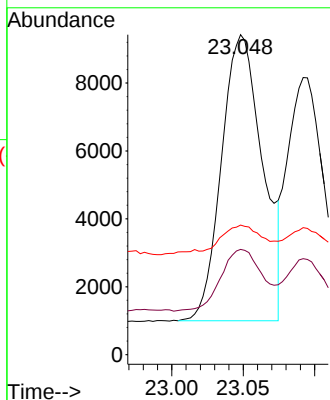
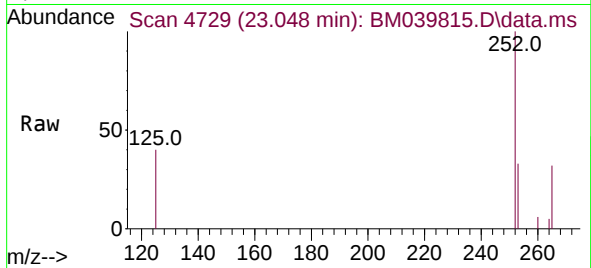




#24
Benzo(b)fluoranthene
Concen: 0.580 ng/ul
RT: 23.048 min Scan# 4729
Delta R.T. 0.005 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

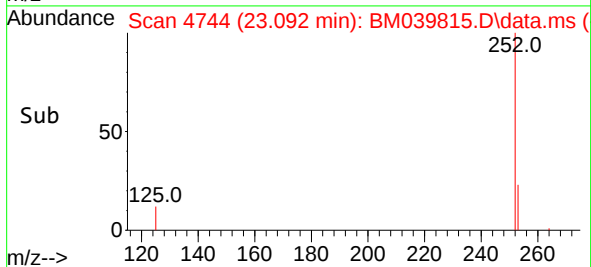
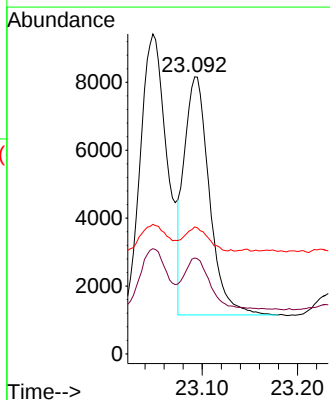
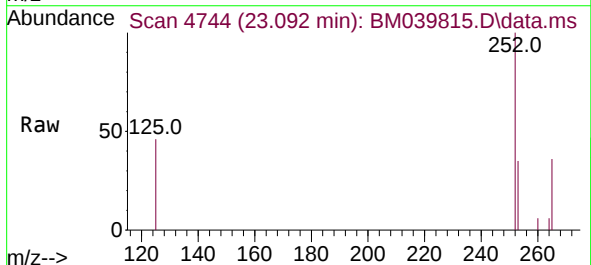
Instrument :
BNA_M
ClientSampleId :
SLCS414

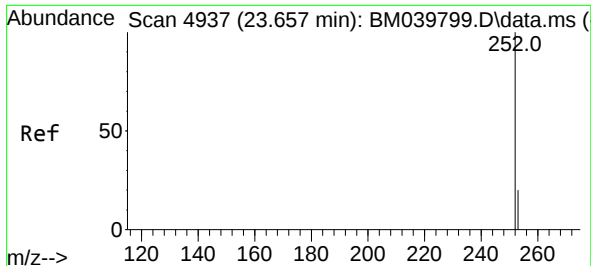
Tgt Ion:252 Resp: 16870
Ion Ratio Lower Upper
252 100
253 32.9 0.0 52.8
125 40.5 0.0 31.6#



#25
Benzo(k)fluoranthene
Concen: 0.435 ng/ul
RT: 23.092 min Scan# 4744
Delta R.T. 0.005 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

Tgt Ion:252 Resp: 12889
Ion Ratio Lower Upper
252 100
253 34.6 21.3 31.9#
125 45.9 13.0 19.6#

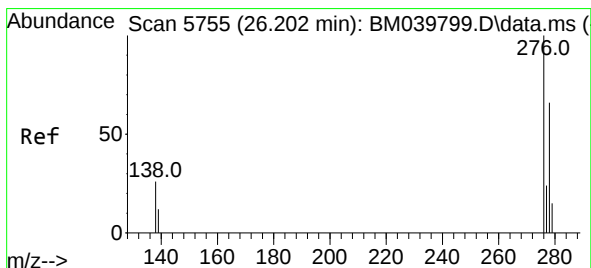
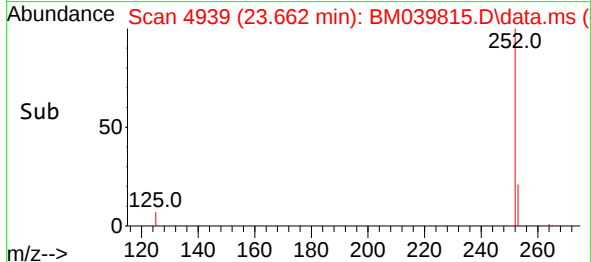
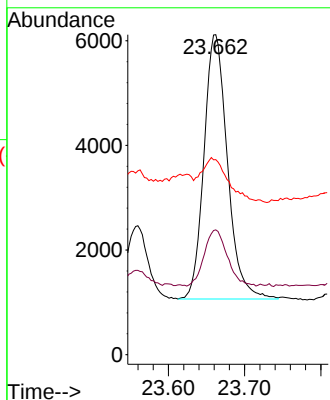
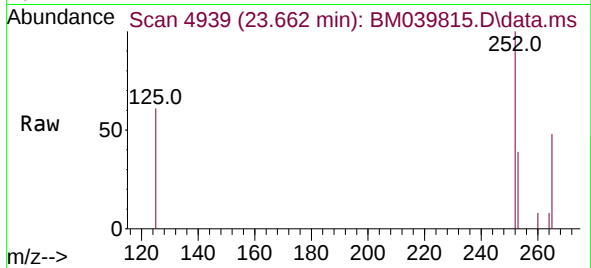




#26
Benzo(a)pyrene
Concen: 0.414 ng/ul
RT: 23.662 min Scan# 4939
Delta R.T. 0.005 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

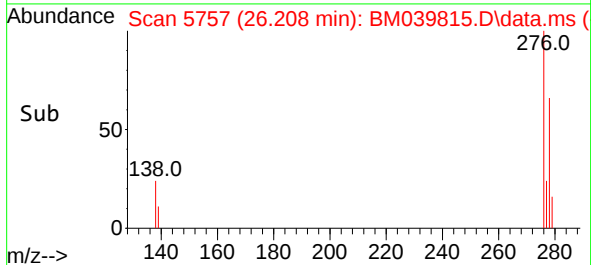
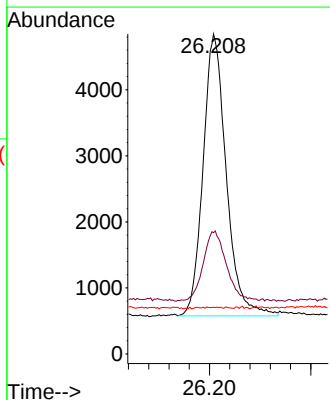
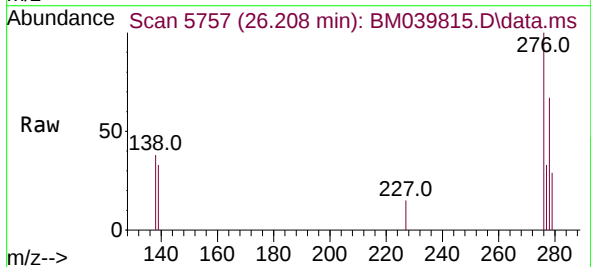
Instrument :
BNA_M
ClientSampleId :
SLCS414

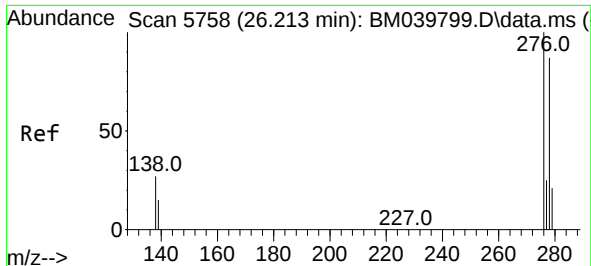
Tgt Ion:252 Resp: 10825
Ion Ratio Lower Upper
252 100
253 39.0 24.7 37.1#
125 60.9 16.5 24.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng/ul
RT: 26.208 min Scan# 5757
Delta R.T. 0.006 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

Tgt Ion:276 Resp: 13541
Ion Ratio Lower Upper
276 100
138 24.9 21.1 31.7
227 0.2 0.1 0.1#

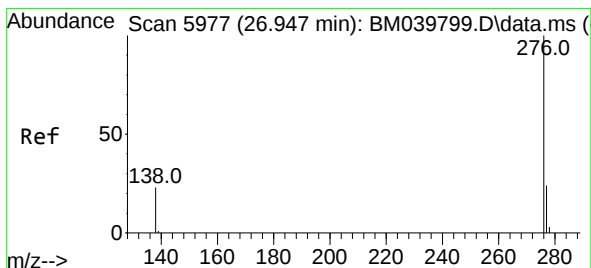
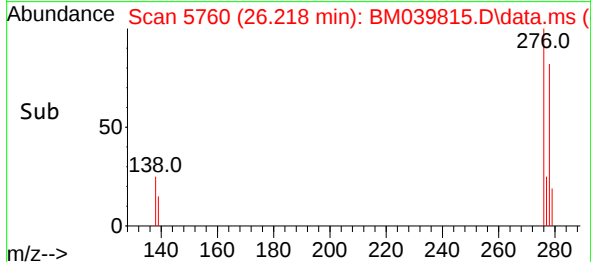
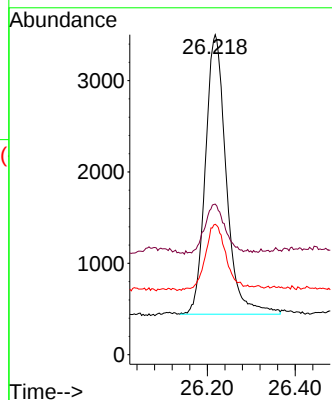
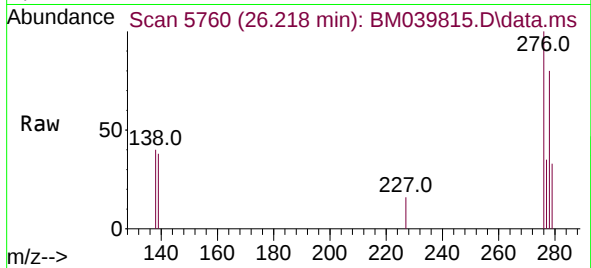




#28
Dibenzo(a,h)anthracene
Concen: 0.392 ng/ul
RT: 26.218 min Scan# 51
Delta R.T. 0.006 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

Instrument :
BNA_M
ClientSampleId :
SLCS414

Tgt Ion:278 Resp: 10061
Ion Ratio Lower Upper
278 100
139 47.1 17.0 25.6#
279 40.7 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.396 ng/ul
RT: 26.963 min Scan# 5982
Delta R.T. 0.016 min
Lab File: BM039815.D
Acq: 02 May 2023 22:55

Tgt Ion:276 Resp: 11392
Ion Ratio Lower Upper
276 100
138 40.2 20.1 30.1#
277 35.3 20.1 30.1#

