

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053123\
 Data File : BM040099.D
 Acq On : 01 Jun 2023 03:09
 Operator : CG/JU
 Sample : PB153107BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS107

Quant Time: Jun 01 03:42:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 31 18:20:24 2023
 Response via : Initial Calibration

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

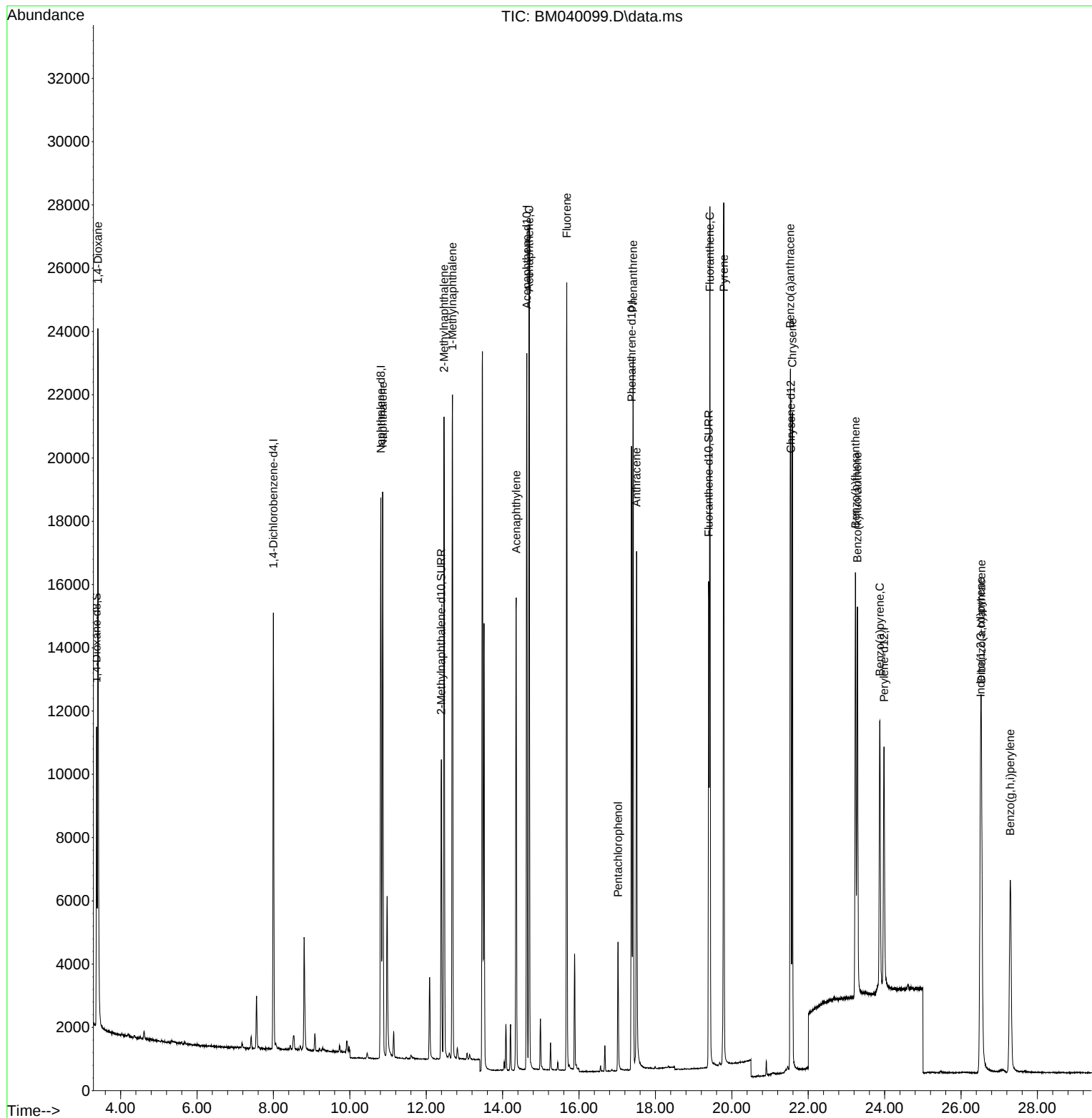
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	6879	0.400	ng/ul	0.00
4) Naphthalene-d8	10.811	136	23846	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.632	164	11777	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	21974	0.400	ng/ul	0.00
17) Chrysene-d12	21.547	240	12472	0.400	ng/ul	0.00
23) Perylene-d12	23.985	264	11040	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.371	96	6490	0.767	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.395	152	12096	0.417	ng/ul	0.00
18) Fluoranthene-d10	19.393	212	15574	0.427	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	15759	1.774	ng/ul#	55
5) Naphthalene	10.860	128	23813	0.375	ng/ul	100
7) 2-Methylnaphthalene	12.466	142	14208	0.402	ng/ul	99
8) 1-Methylnaphthalene	12.686	142	14457	0.392	ng/ul	100
10) Acenaphthylene	14.355	152	17177	0.374	ng/ul	99
11) Acenaphthene	14.693	153	14905	0.377	ng/ul	99
12) Fluorene	15.678	166	15361	0.375	ng/ul	100
14) Pentachlorophenol	17.020	266	2803	0.570	ng/ul	99
15) Phenanthrene	17.417	178	23439	0.372	ng/ul	100
16) Anthracene	17.505	178	18737	0.364	ng/ul	100
19) Fluoranthene	19.426	202	21859	0.406	ng/ul	99
20) Pyrene	19.788	202	21959	0.405	ng/ul	96
21) Benzo(a)anthracene	21.532	228	16854	0.412	ng/ul	100
22) Chrysene	21.585	228	17783	0.401	ng/ul	100
24) Benzo(b)fluoranthene	23.236	252	17297	0.372	ng/ul	99
25) Benzo(k)fluoranthene	23.286	252	16301	0.368	ng/ul	99
26) Benzo(a)pyrene	23.874	252	13775	0.364	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.511	276	16847	0.343	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.534	278	13355	0.344	ng/ul	99
29) Benzo(g,h,i)perylene	27.289	276	13965	0.351	ng/ul	99

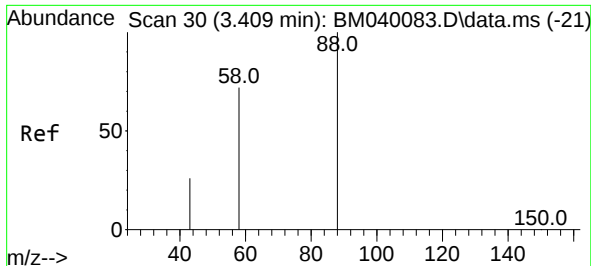
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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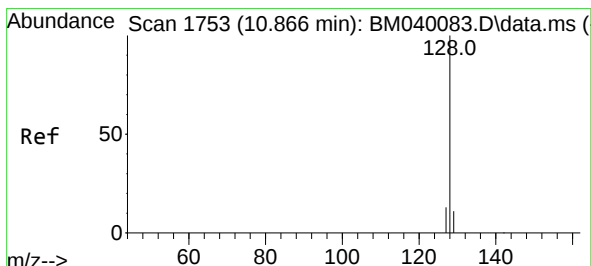
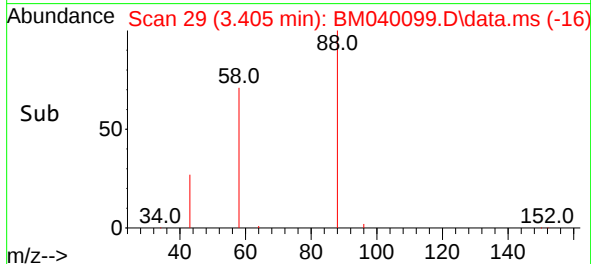
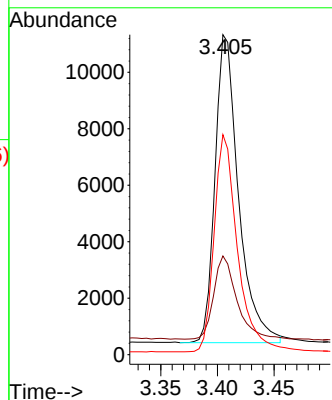
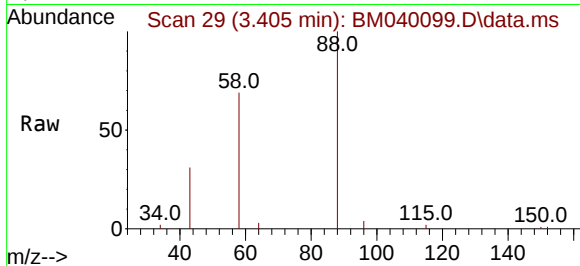




#2
1,4-Dioxane
Concen: 1.774 ng/ul
RT: 3.405 min Scan# 29
Delta R.T. -0.004 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

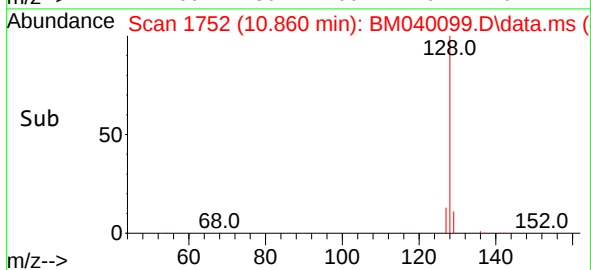
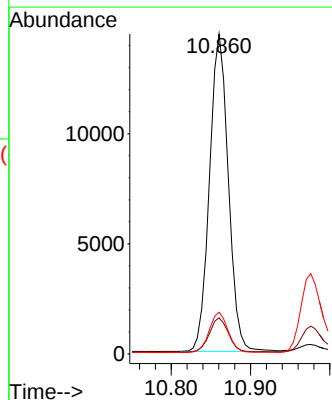
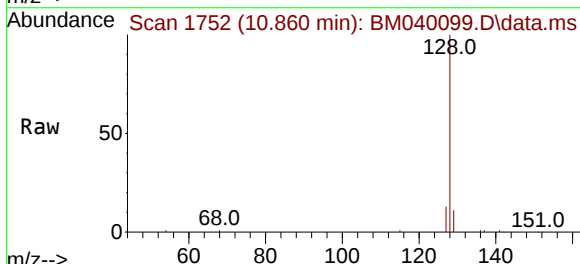
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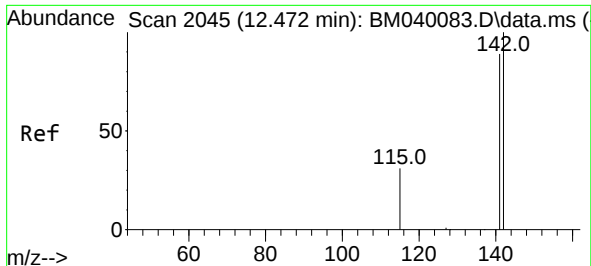
Tgt Ion: 88 Resp: 15759
Ion Ratio Lower Upper
88 100
43 30.9 81.3 121.9#
58 68.7 52.0 78.0



#5
Naphthalene
Concen: 0.375 ng/ul
RT: 10.860 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

Tgt Ion: 128 Resp: 23813
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.0 10.5 15.7

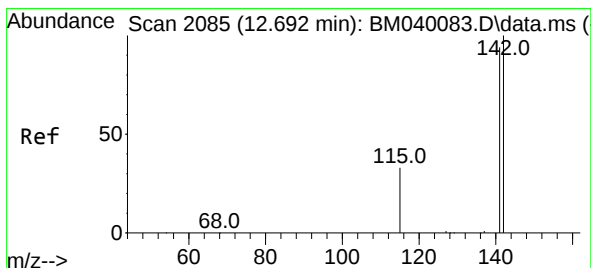
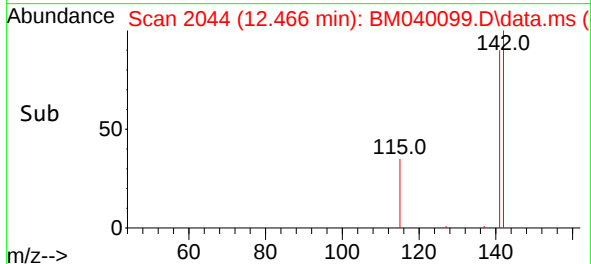
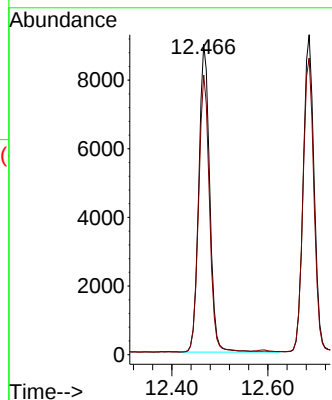
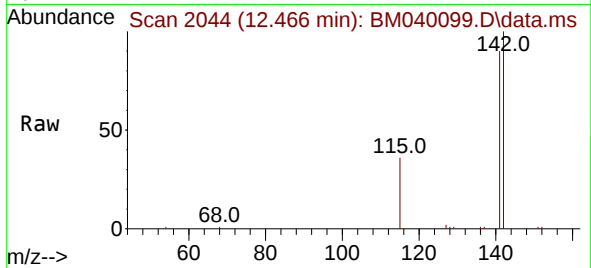




#7
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.466 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

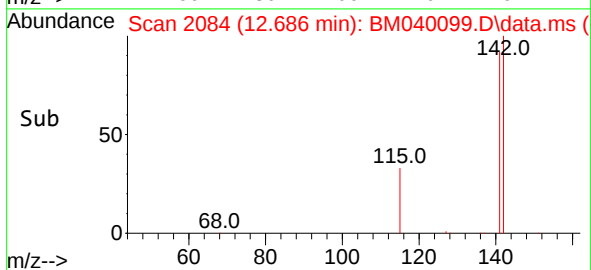
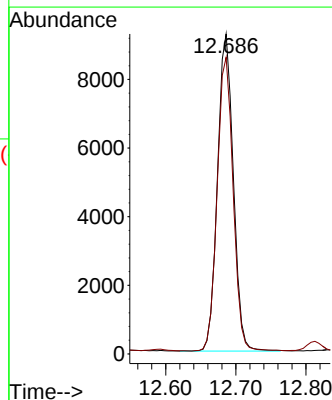
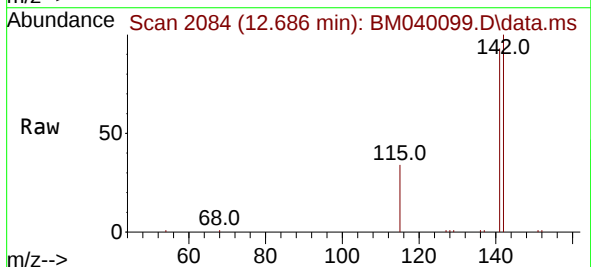
Instrument :
BNA_M
ClientSampleId :
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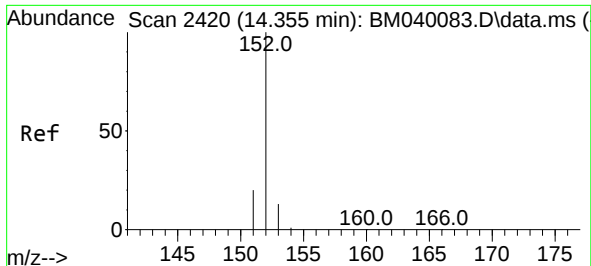
Tgt Ion:142 Resp: 14208
Ion Ratio Lower Upper
142 100
141 89.0 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.686 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

Tgt Ion:142 Resp: 14457
Ion Ratio Lower Upper
142 100
141 93.2 74.7 112.1

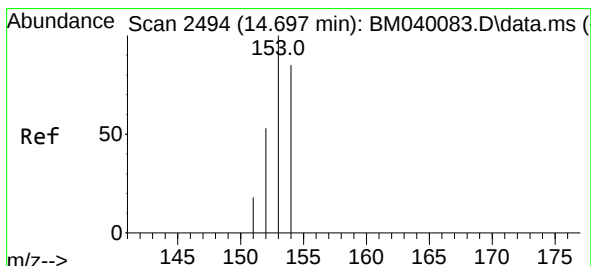
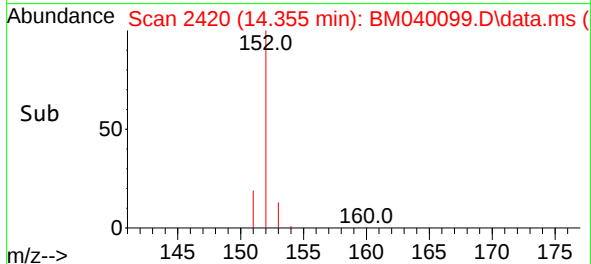
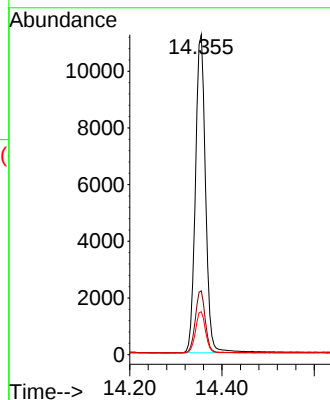
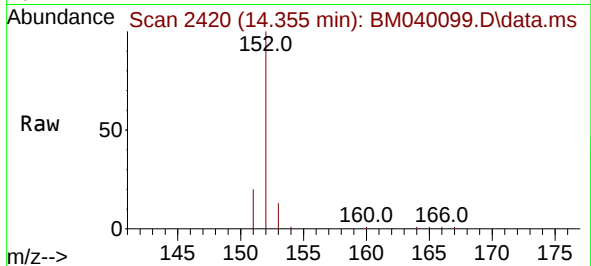




#10
Acenaphthylene
Concen: 0.374 ng/ul
RT: 14.355 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

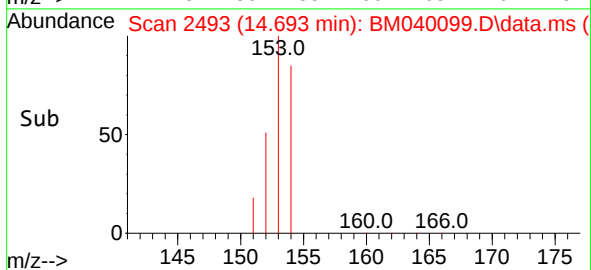
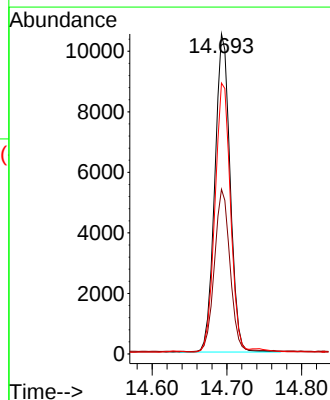
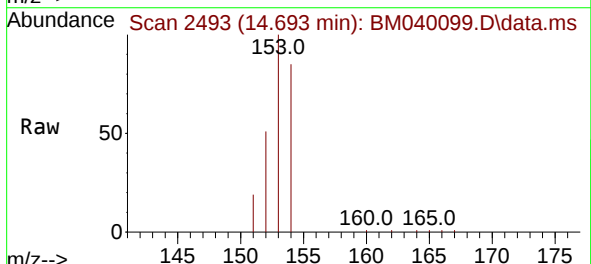
Instrument :
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ClientSampleId :
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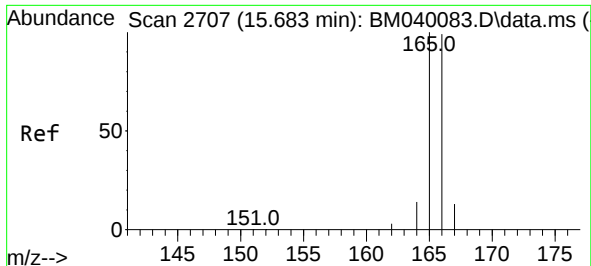
Tgt Ion:152 Resp: 17177
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.4 10.8 16.2



#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.693 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

Tgt Ion:153 Resp: 14905
Ion Ratio Lower Upper
153 100
152 51.5 41.2 61.8
154 84.6 68.8 103.2

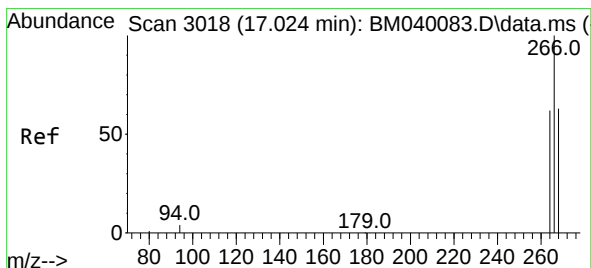
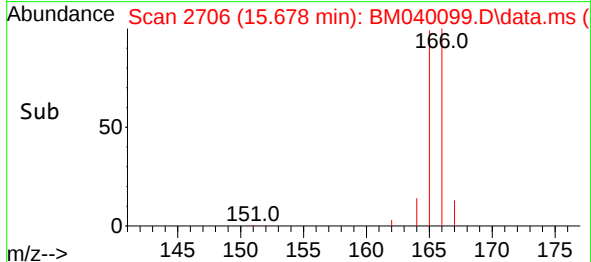
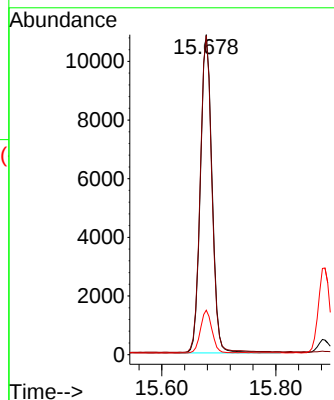
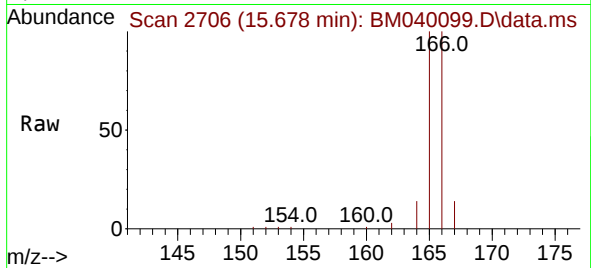




#12
Fluorene
Concen: 0.375 ng/ul
RT: 15.678 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

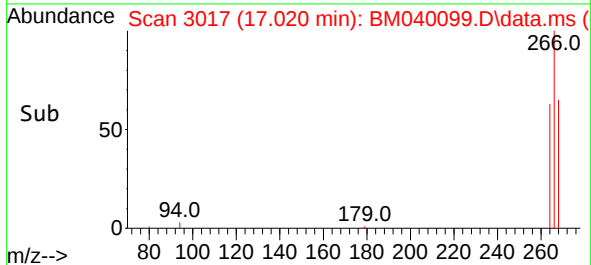
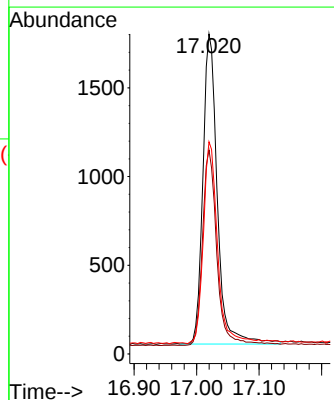
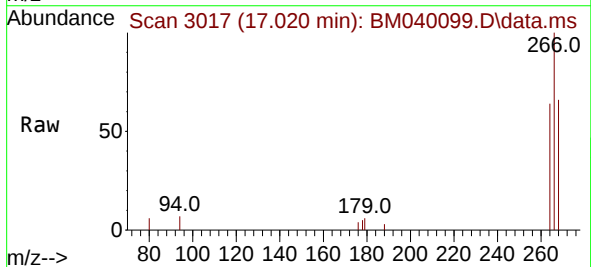
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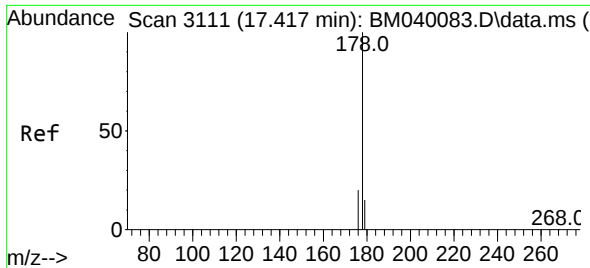
Tgt Ion:166 Resp: 15361
Ion Ratio Lower Upper
166 100
165 99.7 79.8 119.8
167 13.9 11.2 16.8



#14
Pentachlorophenol
Concen: 0.570 ng/ul
RT: 17.020 min Scan# 3017
Delta R.T. -0.004 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

Tgt Ion:266 Resp: 2803
Ion Ratio Lower Upper
266 100
264 62.6 49.9 74.9
268 65.0 51.5 77.3

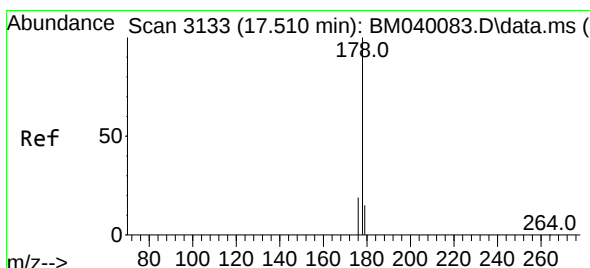
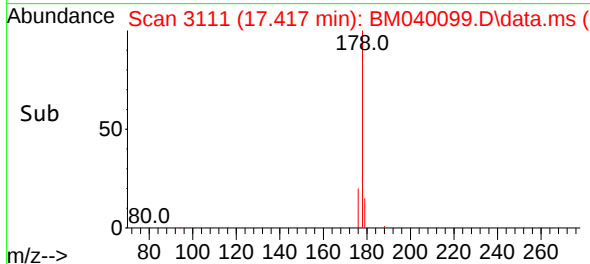
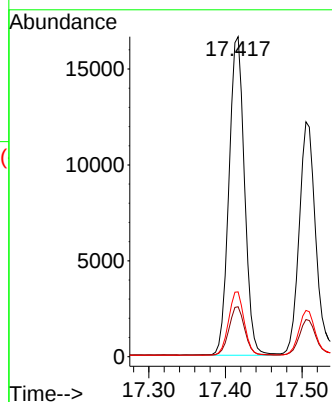
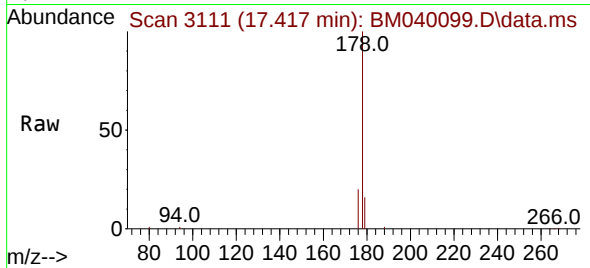




#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 17.417 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

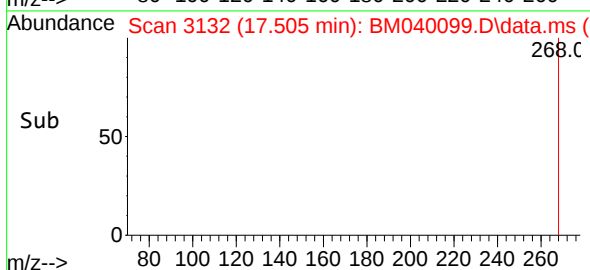
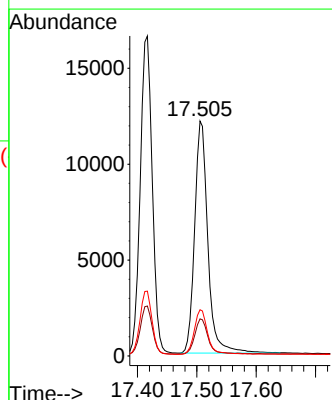
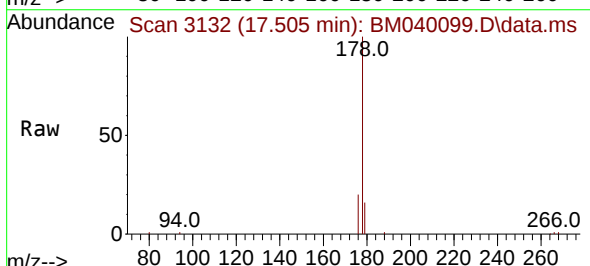
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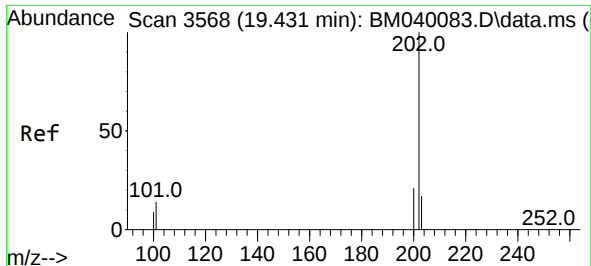
Tgt Ion:	178	Resp:	23439
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.4	18.6
176	20.2	16.4	24.6



#16
Anthracene
Concen: 0.364 ng/ul
RT: 17.505 min Scan# 3132
Delta R.T. -0.004 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

Tgt Ion:	178	Resp:	18737
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.6	19.0
176	19.7	15.8	23.6

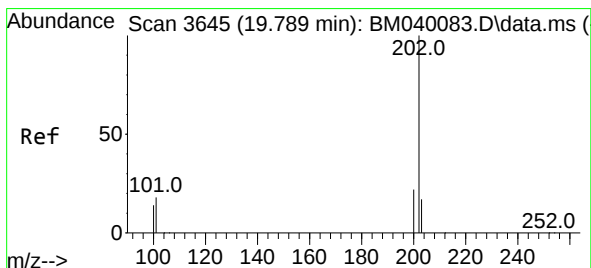
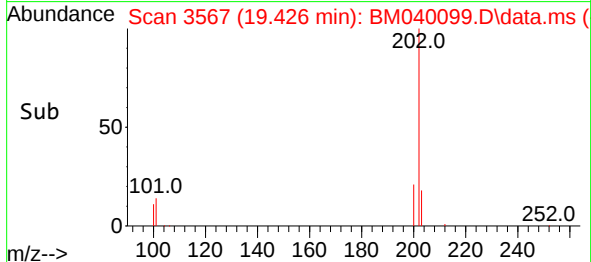
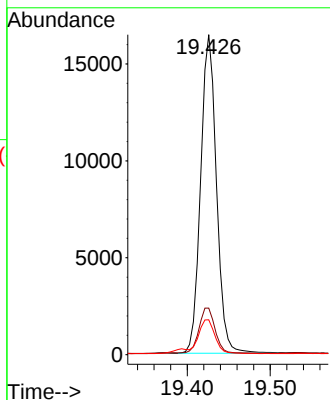
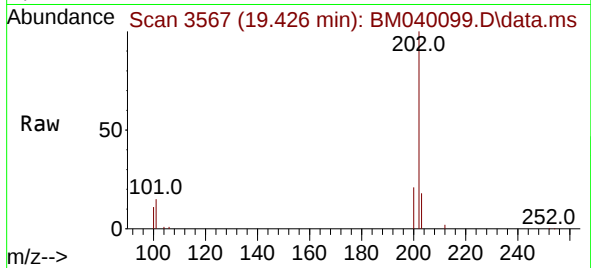




#19
Fluoranthene
Concen: 0.406 ng/ul
RT: 19.426 min Scan# 3567
Delta R.T. -0.005 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

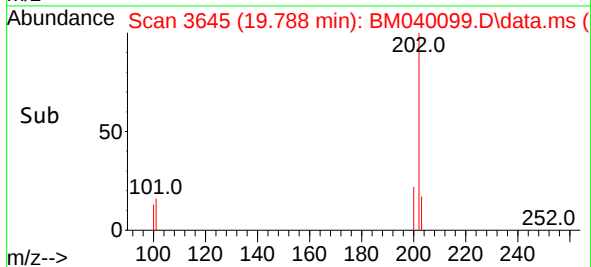
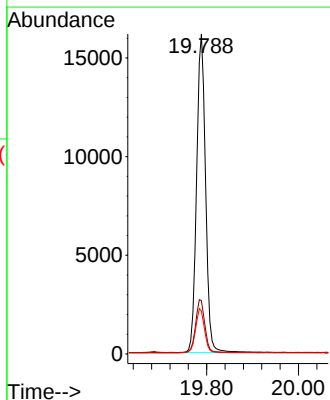
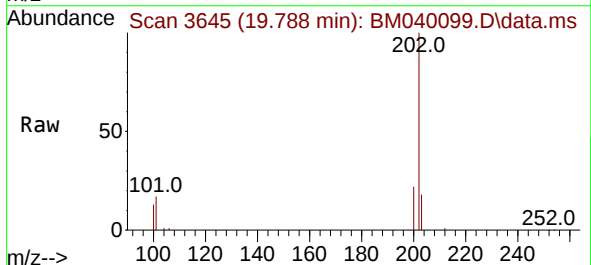
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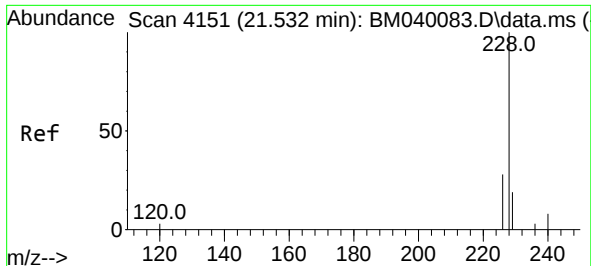
Tgt Ion:202 Resp: 21859
Ion Ratio Lower Upper
202 100
101 14.6 11.2 16.8
100 10.9 8.6 12.8



#20
Pyrene
Concen: 0.405 ng/ul
RT: 19.788 min Scan# 3645
Delta R.T. -0.000 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

Tgt Ion:202 Resp: 21959
Ion Ratio Lower Upper
202 100
101 16.7 14.7 22.1
100 13.4 12.2 18.2

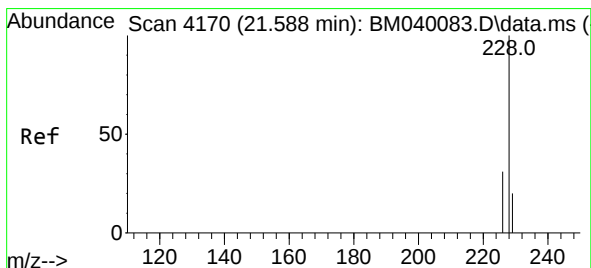
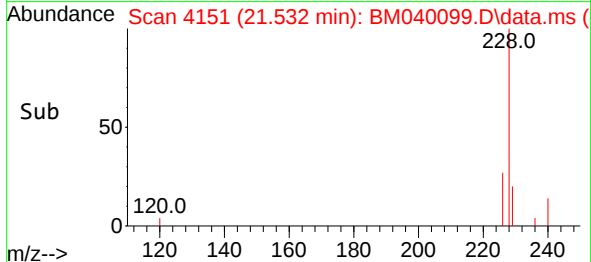
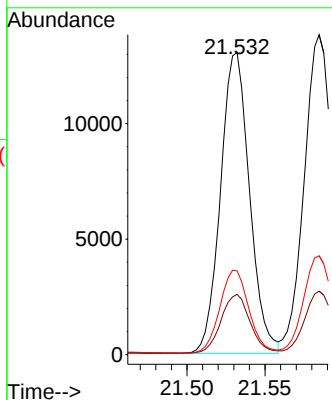
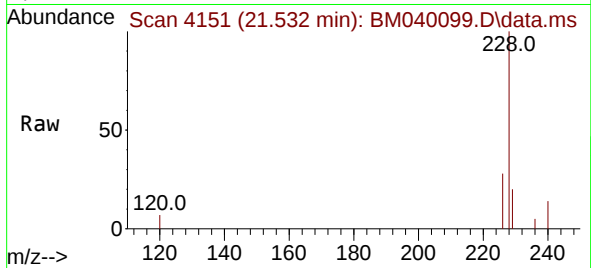




#21
Benzo(a)anthracene
Concen: 0.412 ng/ul
RT: 21.532 min Scan# 4151
Delta R.T. -0.003 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

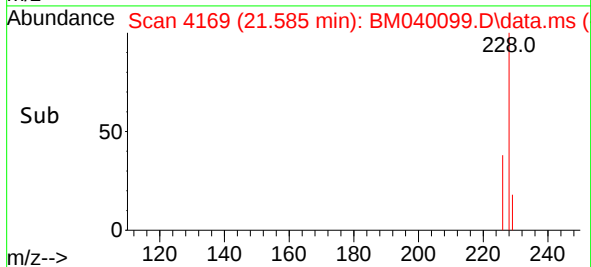
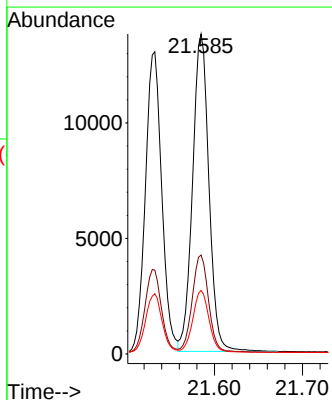
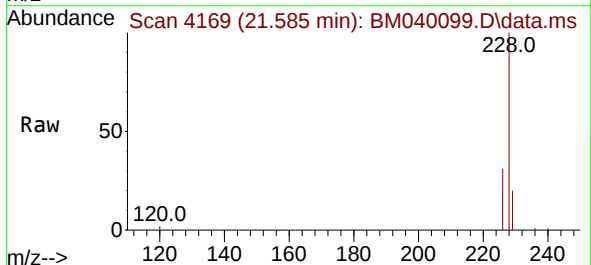
Instrument :
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ClientSampleId :
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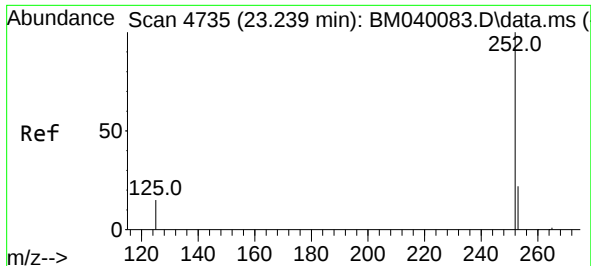
Tgt Ion:228 Resp: 16854
Ion Ratio Lower Upper
228 100
229 20.0 16.1 24.1
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.585 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

Tgt Ion:228 Resp: 17783
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 19.8 15.9 23.9

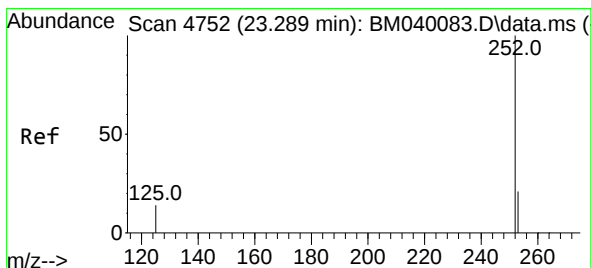
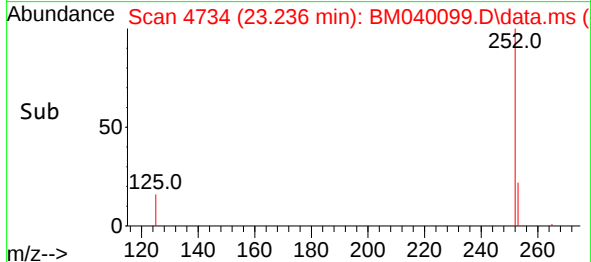
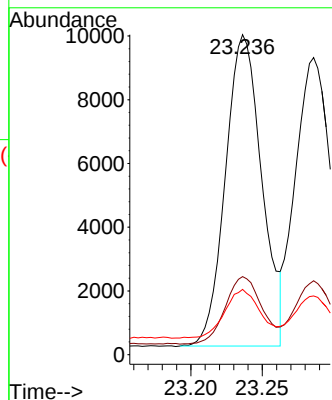
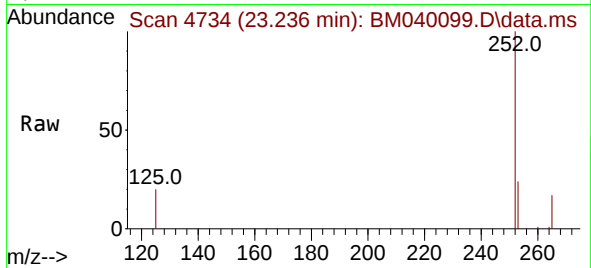




#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul
RT: 23.236 min Scan# 4735
Delta R.T. -0.006 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

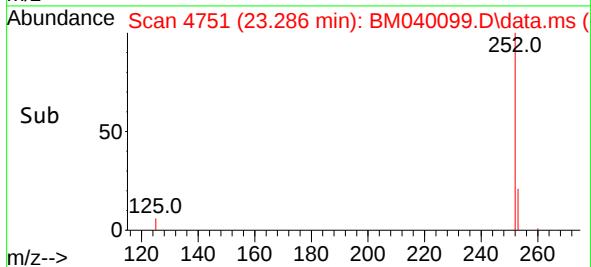
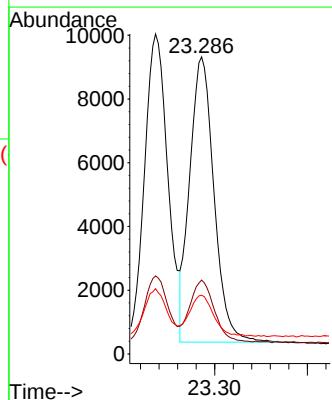
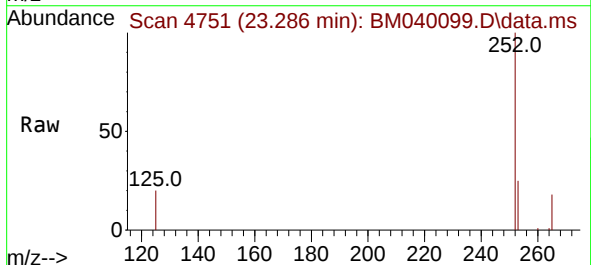
Instrument :
BNA_M
ClientSampleId :
SLCS107

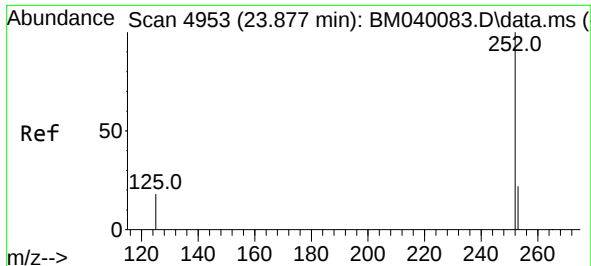
Tgt Ion:252	Resp:	17297
Ion Ratio	Lower	Upper
252	100	
253	24.4	0.0 48.6
125	20.4	0.0 38.8



#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul
RT: 23.286 min Scan# 4751
Delta R.T. -0.006 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

Tgt Ion:252	Resp:	16301
Ion Ratio	Lower	Upper
252	100	
253	24.9	19.5 29.3
125	19.8	15.9 23.9

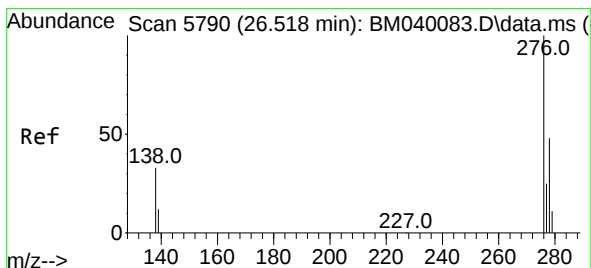
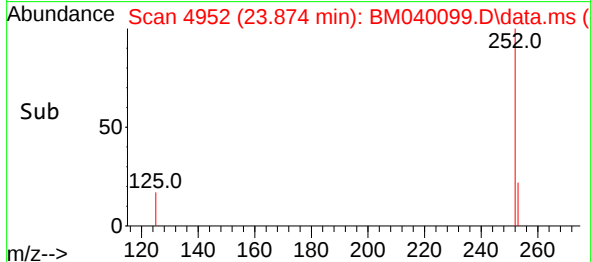
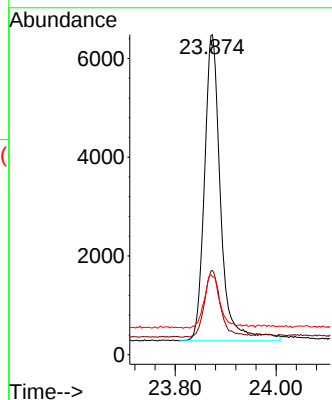
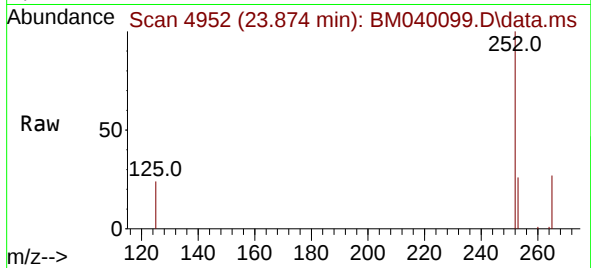




#26
Benzo(a)pyrene
Concen: 0.364 ng/ul
RT: 23.874 min Scan# 4952
Delta R.T. -0.003 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

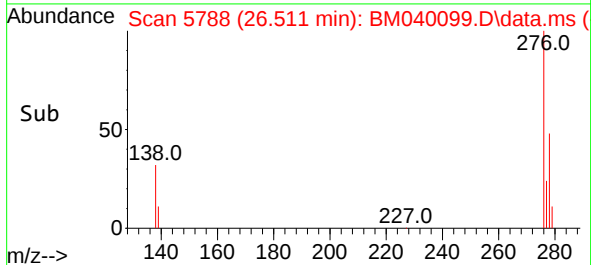
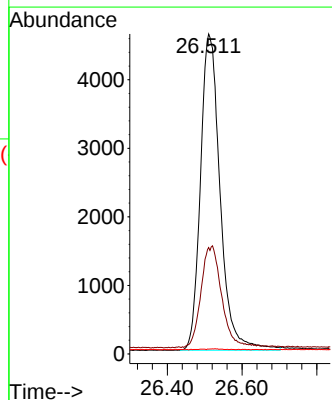
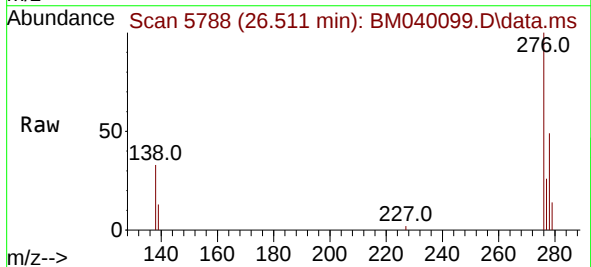
Instrument :
BNA_M
ClientSampleId :
SLCS107

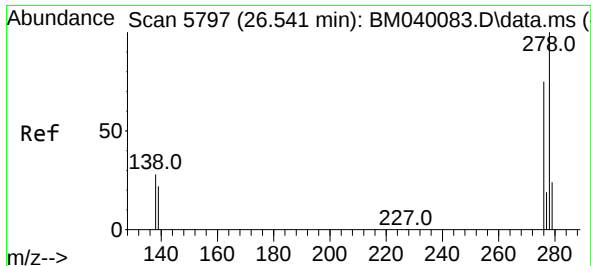
Tgt Ion:	252	Resp:	13775
Ion Ratio	Lower	Upper	
252	100		
253	26.3	21.0	31.4
125	24.4	19.8	29.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.343 ng/ul
RT: 26.511 min Scan# 5788
Delta R.T. -0.010 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

Tgt Ion:	276	Resp:	16847
Ion Ratio	Lower	Upper	
276	100		
138	34.0	28.0	42.0
227	0.1	0.1	0.1

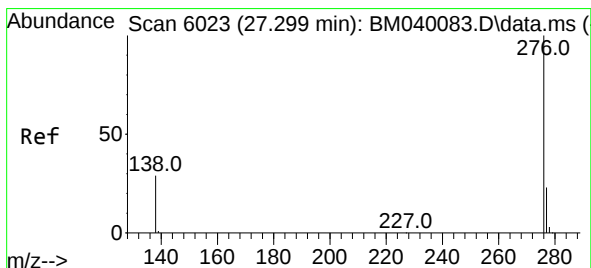
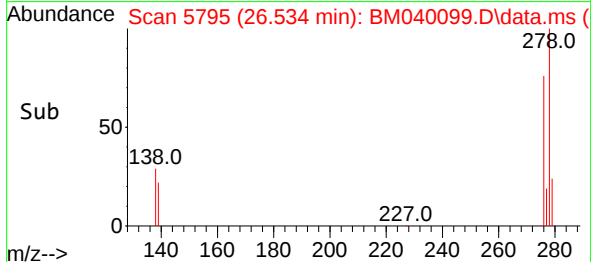
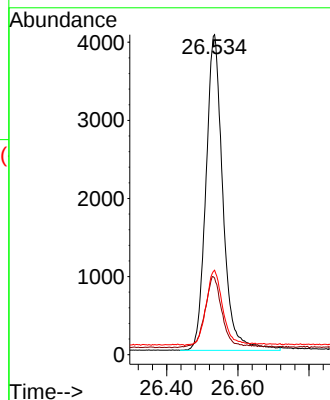
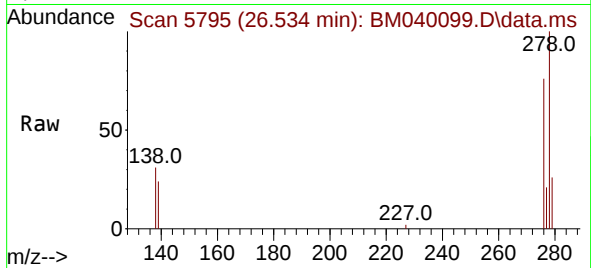




#28
Dibenzo(a,h)anthracene
Concen: 0.344 ng/ul
RT: 26.534 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

Instrument :
BNA_M
ClientSampleId :
SLCS107

Tgt Ion:278 Resp: 13355
Ion Ratio Lower Upper
278 100
139 23.9 19.6 29.4
279 26.4 21.0 31.6



#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 27.289 min Scan# 6020
Delta R.T. -0.014 min
Lab File: BM040099.D
Acq: 01 Jun 2023 03:09

Tgt Ion:276 Resp: 13965
Ion Ratio Lower Upper
276 100
138 31.0 25.2 37.8
277 24.9 19.8 29.8

