

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
 Data File : BM041105.D
 Acq On : 25 Jul 2023 14:35
 Operator : MA/JU
 Sample : PB154169BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS169

Quant Time: Jul 26 04:22:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 04:20:13 2023
 Response via : Initial Calibration

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

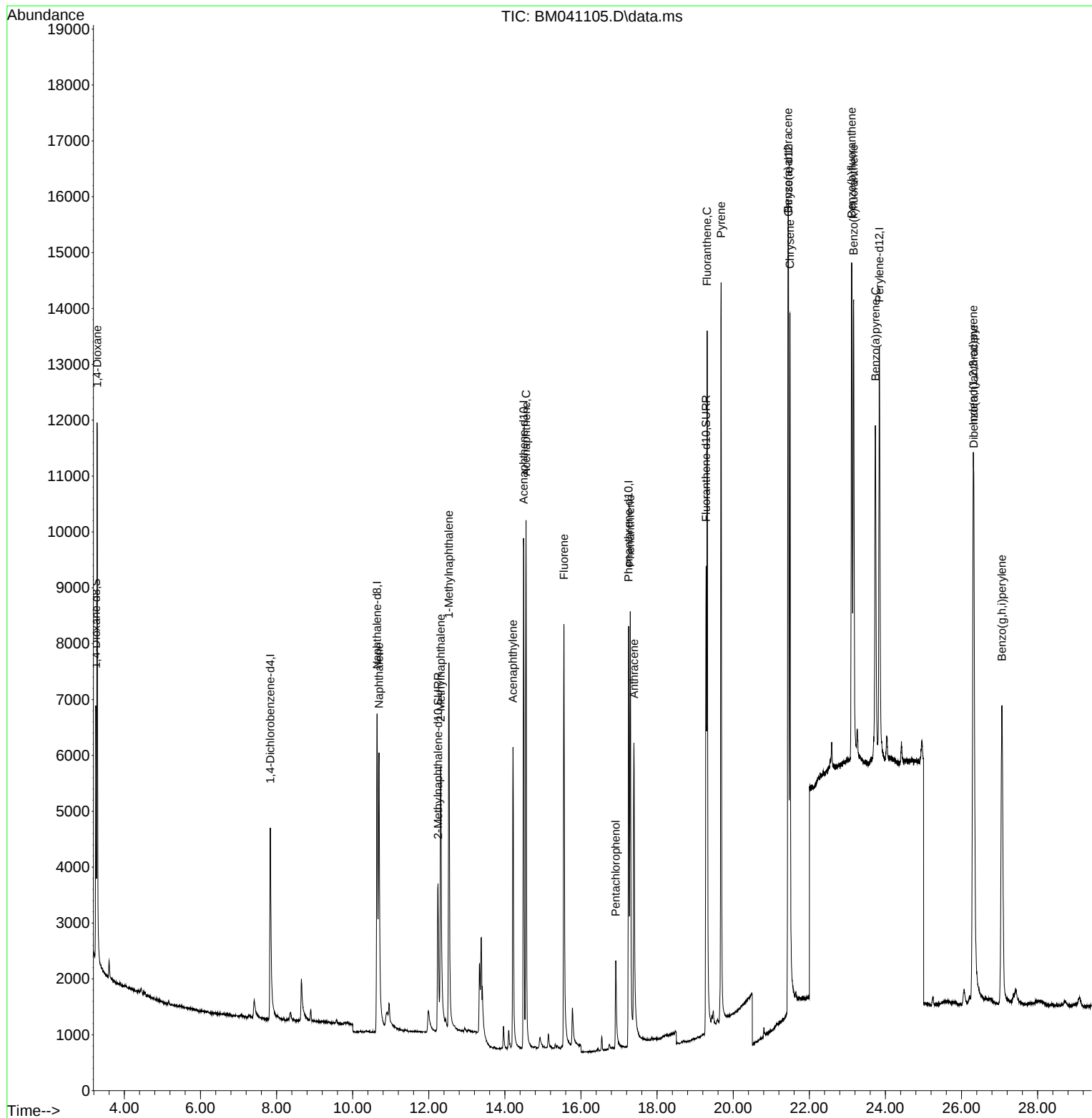
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	2820	0.400	ng/ul	0.00
4) Naphthalene-d8	10.642	136	10396	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.495	164	5593	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	10692	0.400	ng/ul	0.00
17) Chrysene-d12	21.454	240	10247	0.400	ng/ul	0.00
23) Perylene-d12	23.842	264	11014	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	2705	0.622	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	5382	0.363	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	10608	0.380	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.288	88	6227	1.401	ng/ul#	48
5) Naphthalene	10.691	128	8621	0.255	ng/ul	99
7) 2-Methylnaphthalene	12.313	142	5110	0.308	ng/ul	98
8) 1-Methylnaphthalene	12.528	142	5498	0.323	ng/ul	100
10) Acenaphthylene	14.213	152	7616	0.322	ng/ul	99
11) Acenaphthene	14.555	153	5845	0.293	ng/ul	99
12) Fluorene	15.550	166	6214	0.286	ng/ul	99
14) Pentachlorophenol	16.915	266	1537	0.494	ng/ul	98
15) Phenanthrene	17.295	178	9530	0.289	ng/ul	100
16) Anthracene	17.392	178	8091	0.303	ng/ul	98
19) Fluoranthene	19.315	202	11780	0.321	ng/ul	100
20) Pyrene	19.682	202	12577	0.311	ng/ul	99
21) Benzo(a)anthracene	21.439	228	11380	0.332	ng/ul	97
22) Chrysene	21.492	228	11685	0.295	ng/ul	97
24) Benzo(b)fluoranthene	23.114	252	12742	0.290	ng/ul	93
25) Benzo(k)fluoranthene	23.164	252	12107	0.289	ng/ul#	92
26) Benzo(a)pyrene	23.737	252	10738	0.302	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.307	276	15040	0.286	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.324	278	11973	0.290	ng/ul	95
29) Benzo(g,h,i)perylene	27.062	276	12821	0.273	ng/ul	96

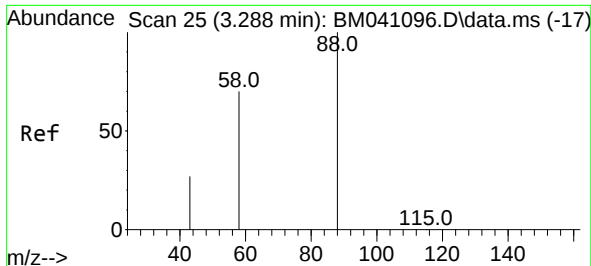
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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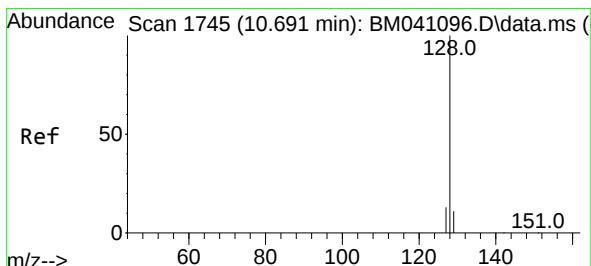
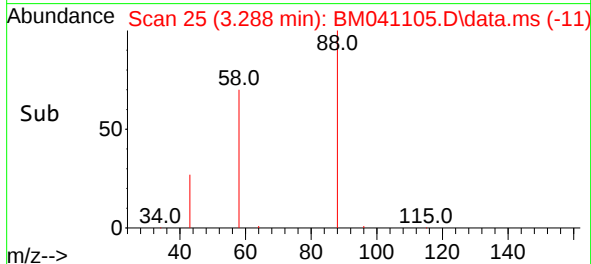
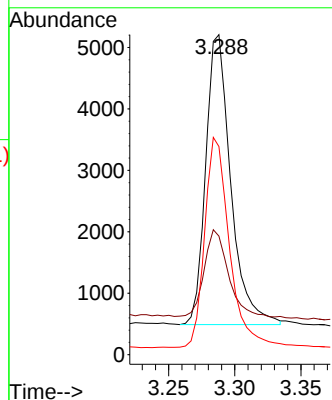
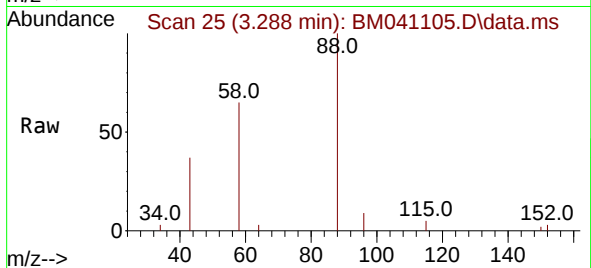




#2
1,4-Dioxane
Concen: 1.401 ng/ul
RT: 3.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041105.D
Acq: 25 Jul 2023 14:35

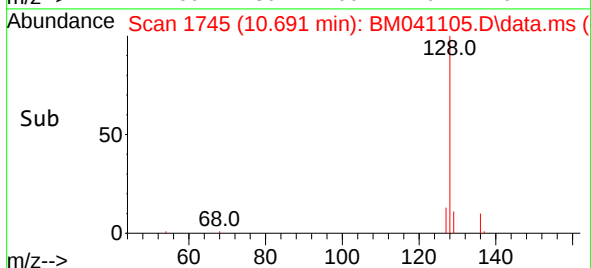
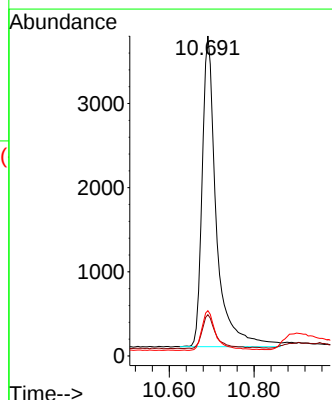
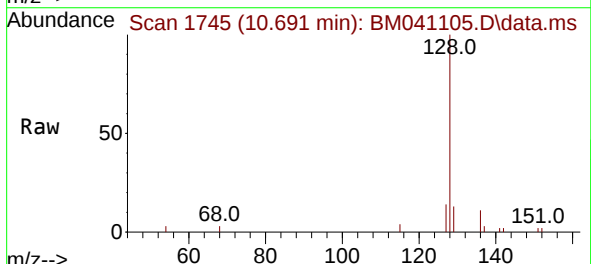
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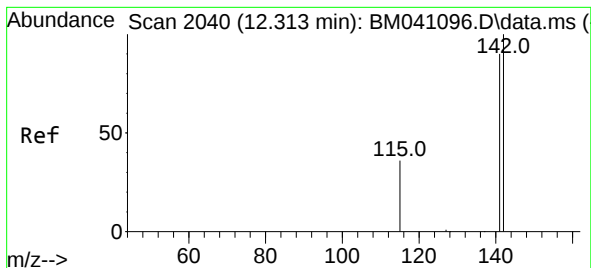
Tgt Ion: 88 Resp: 6227
Ion Ratio Lower Upper
88 100
43 37.1 83.1 124.7#
58 65.0 38.8 58.2#



#5
Naphthalene
Concen: 0.255 ng/ul
RT: 10.691 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BM041105.D
Acq: 25 Jul 2023 14:35

Tgt Ion: 128 Resp: 8621
Ion Ratio Lower Upper
128 100
129 12.9 9.8 14.8
127 14.2 11.1 16.7

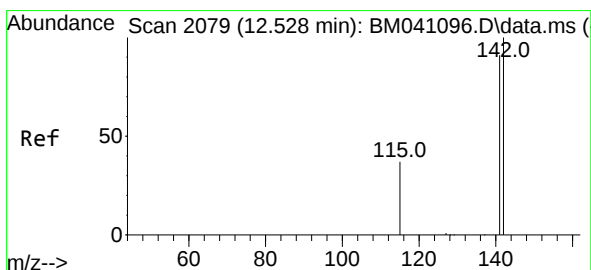
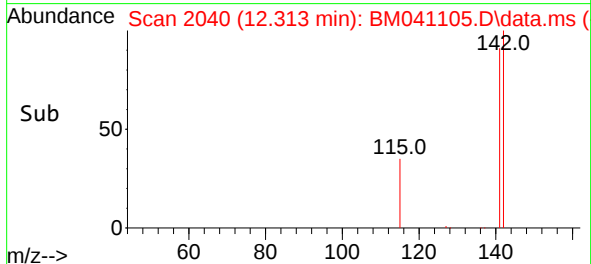
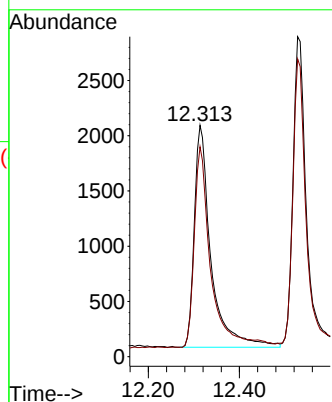
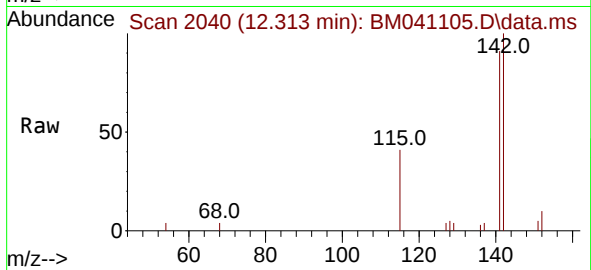




#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.313 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BM041105.D
Acq: 25 Jul 2023 14:35

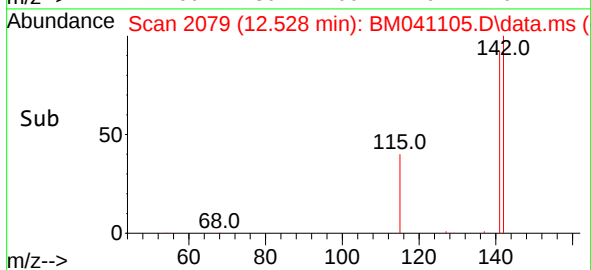
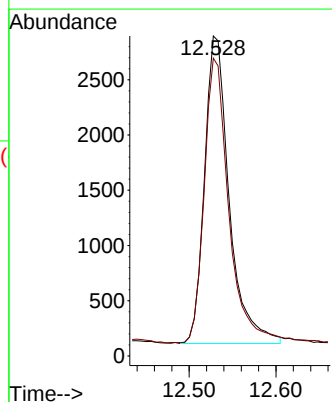
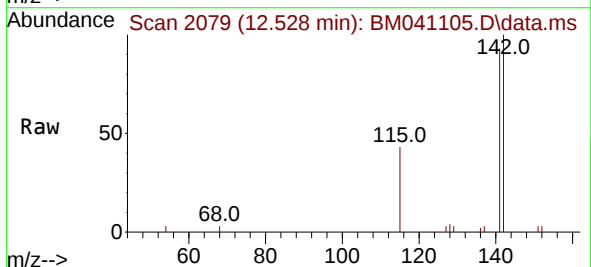
Instrument :
BNA_M
ClientSampleId :
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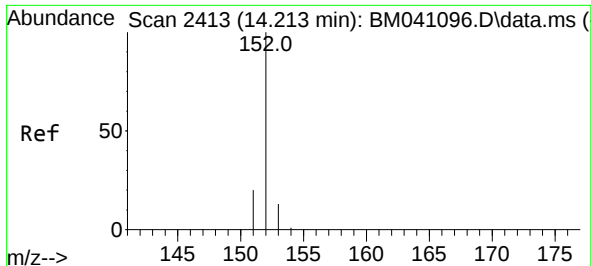
Tgt Ion:142 Resp: 5110
Ion Ratio Lower Upper
142 100
141 89.5 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BM041105.D
Acq: 25 Jul 2023 14:35

Tgt Ion:142 Resp: 5498
Ion Ratio Lower Upper
142 100
141 92.2 73.6 110.4

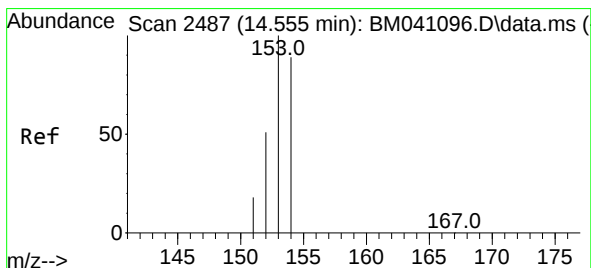
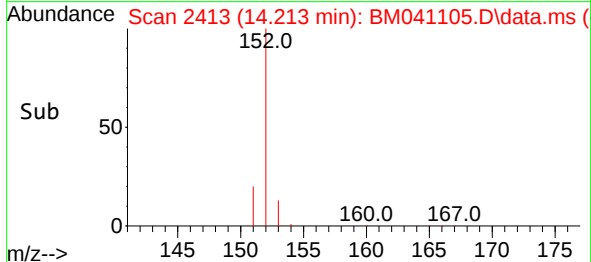
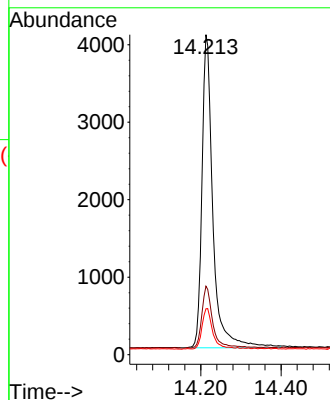
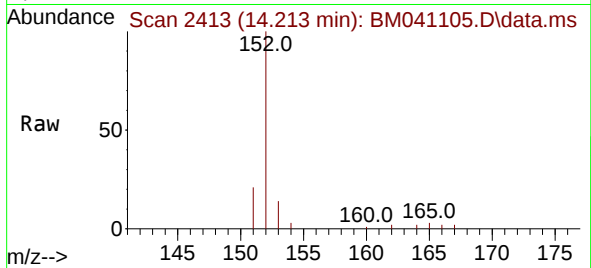




#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 14.213 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BM041105.D
Acq: 25 Jul 2023 14:35

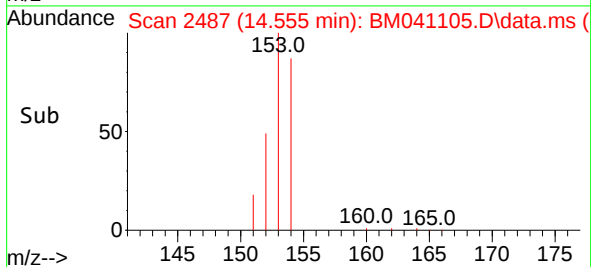
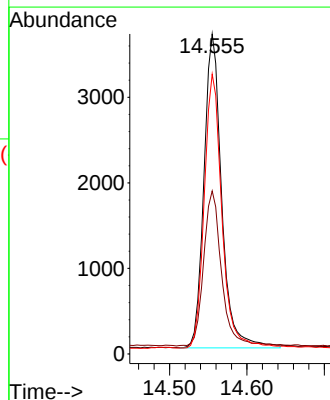
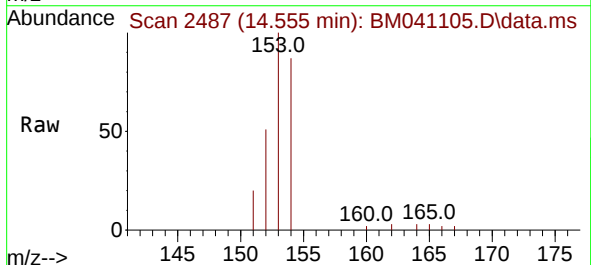
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ClientSampleId :
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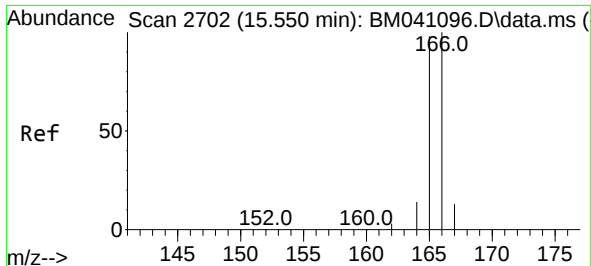
Tgt Ion:152 Resp: 7616
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2
153 14.4 11.4 17.2



#11
Acenaphthene
Concen: 0.293 ng/ul
RT: 14.555 min Scan# 2487
Delta R.T. -0.000 min
Lab File: BM041105.D
Acq: 25 Jul 2023 14:35

Tgt Ion:153 Resp: 5845
Ion Ratio Lower Upper
153 100
152 51.0 40.2 60.4
154 87.5 70.3 105.5

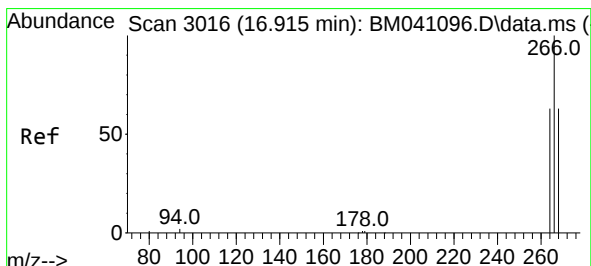
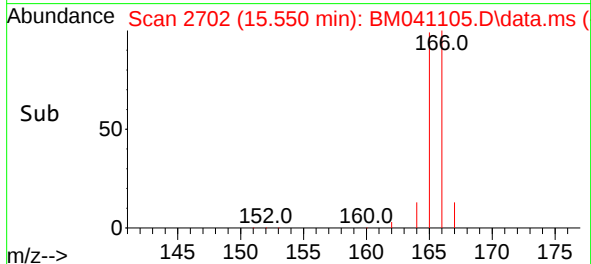
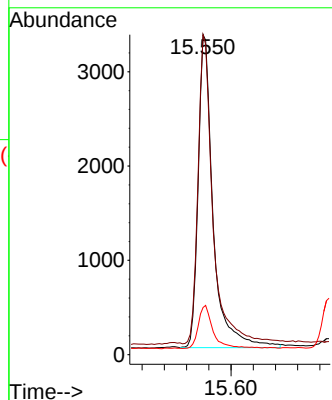
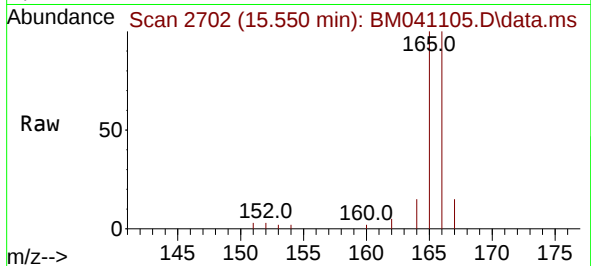




#12
Fluorene
Concen: 0.286 ng/ul
RT: 15.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041105.D
Acq: 25 Jul 2023 14:35

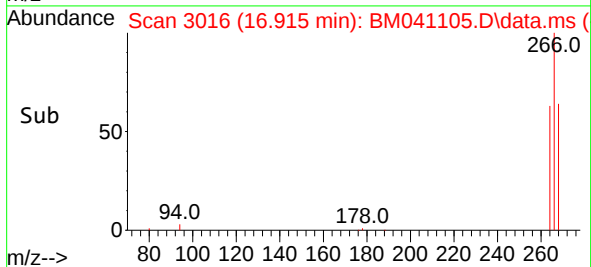
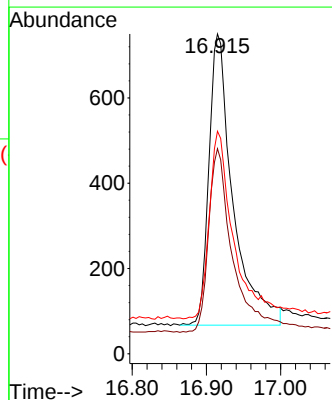
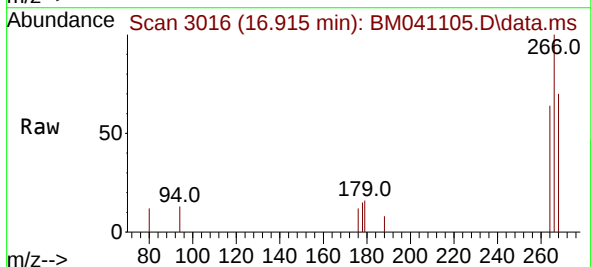
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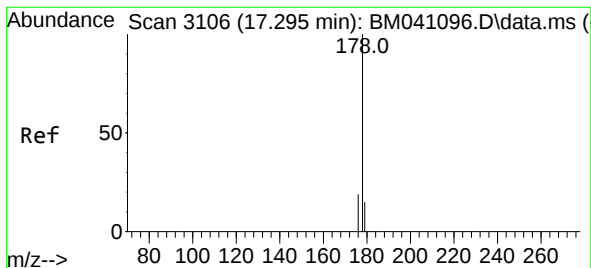
Tgt Ion:166 Resp: 6214
Ion Ratio Lower Upper
166 100
165 100.0 79.4 119.0
167 14.8 11.4 17.2



#14
Pentachlorophenol
Concen: 0.494 ng/ul
RT: 16.915 min Scan# 3016
Delta R.T. -0.000 min
Lab File: BM041105.D
Acq: 25 Jul 2023 14:35

Tgt Ion:266 Resp: 1537
Ion Ratio Lower Upper
266 100
264 63.1 49.2 73.8
268 64.5 49.9 74.9





#15

Phenanthrene

Concen: 0.289 ng/ul

RT: 17.295 min Scan# 3106

Delta R.T. -0.000 min

Lab File: BM041105.D

Acq: 25 Jul 2023 14:35

Instrument :

BNA_M

ClientSampleId :

SLCS169

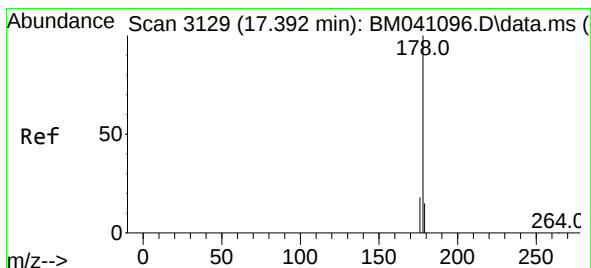
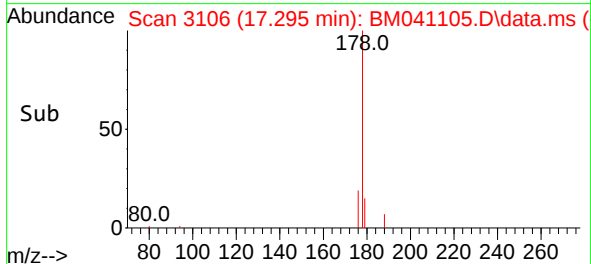
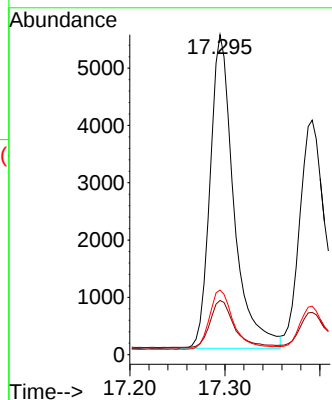
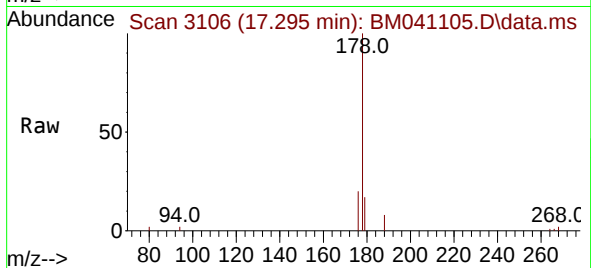
Tgt Ion:178 Resp: 9530

Ion Ratio Lower Upper

178 100

179 16.9 13.4 20.2

176 20.2 16.0 24.0



#16

Anthracene

Concen: 0.303 ng/ul

RT: 17.392 min Scan# 3129

Delta R.T. -0.000 min

Lab File: BM041105.D

Acq: 25 Jul 2023 14:35

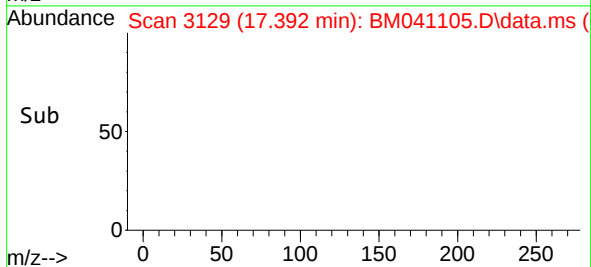
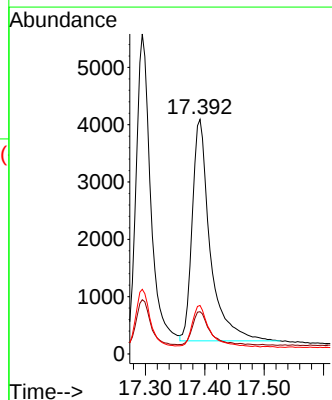
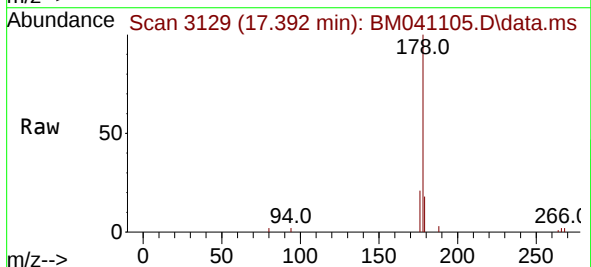
Tgt Ion:178 Resp: 8091

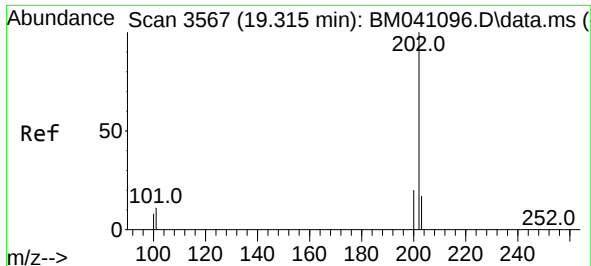
Ion Ratio Lower Upper

178 100

179 18.0 13.6 20.4

176 20.7 16.0 24.0

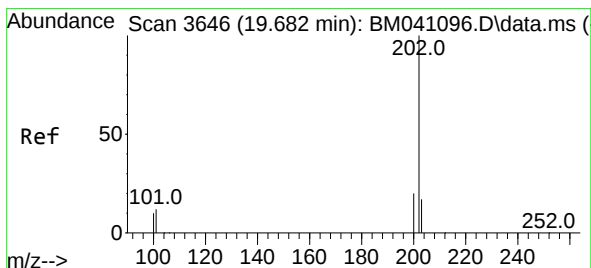
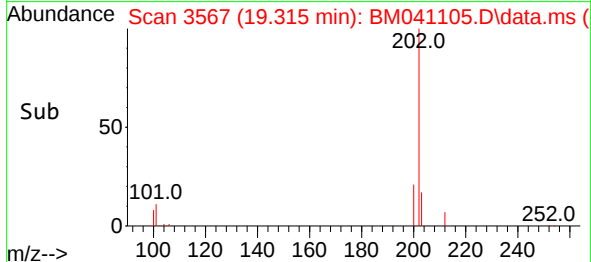
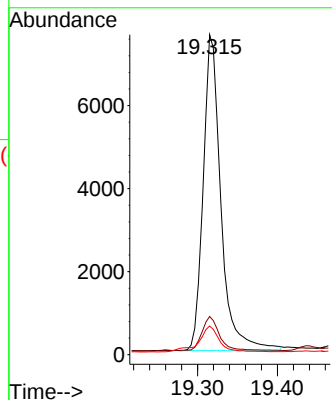
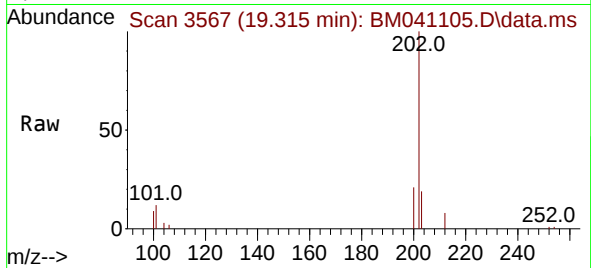




#19
Fluoranthene
Concen: 0.321 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BM041105.D
Acq: 25 Jul 2023 14:35

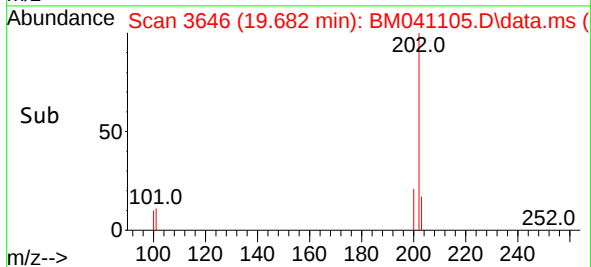
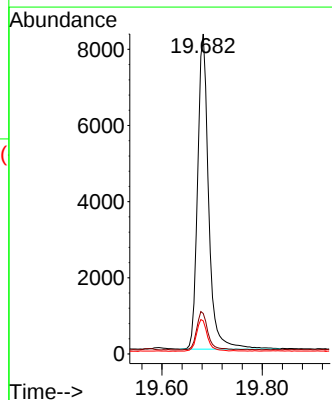
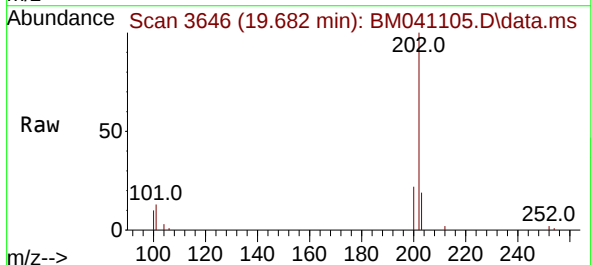
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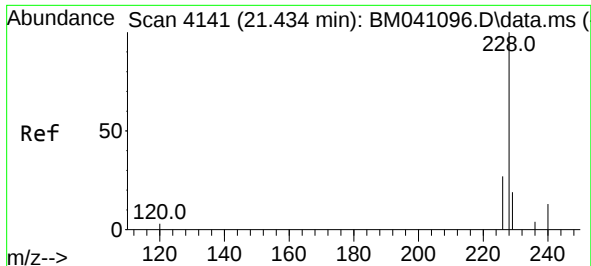
Tgt Ion:202 Resp: 11780
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.0
100 9.0 7.1 10.7



#20
Pyrene
Concen: 0.311 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.000 min
Lab File: BM041105.D
Acq: 25 Jul 2023 14:35

Tgt Ion:202 Resp: 12577
Ion Ratio Lower Upper
202 100
101 12.6 10.7 16.1
100 10.4 8.5 12.7

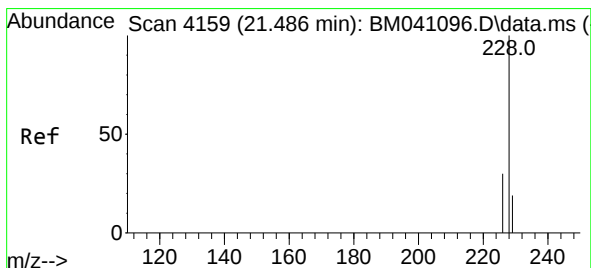
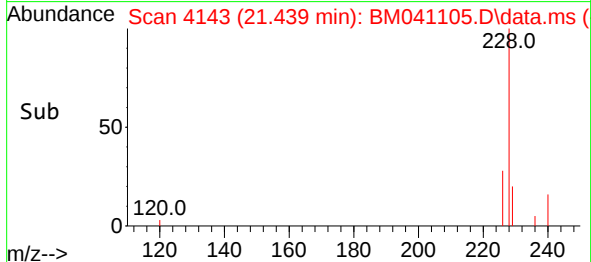
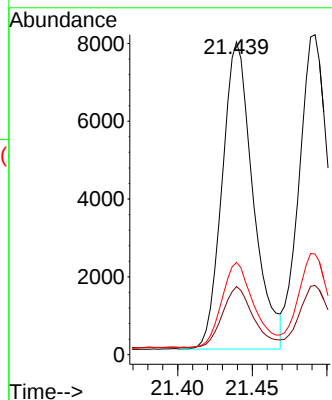
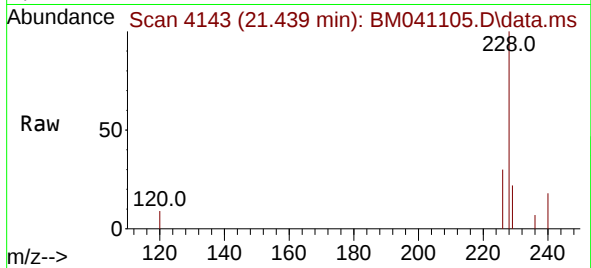




#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.439 min Scan# 4141
Delta R.T. 0.006 min
Lab File: BM041105.D
Acq: 25 Jul 2023 14:35

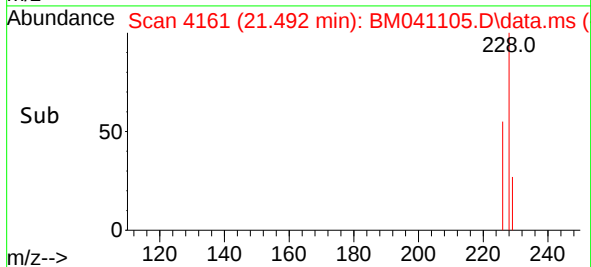
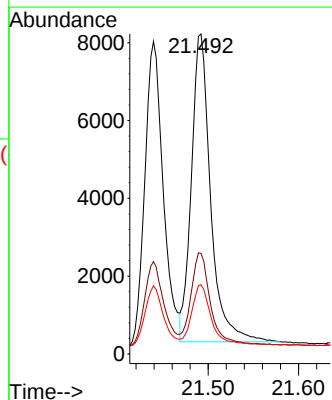
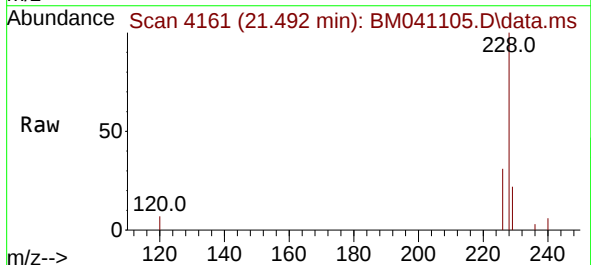
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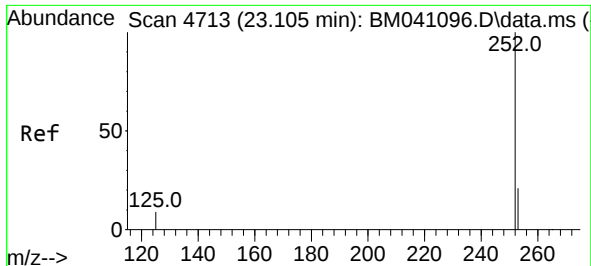
Tgt Ion:228 Resp: 11380
Ion Ratio Lower Upper
228 100
229 21.8 16.5 24.7
226 29.6 22.2 33.2



#22
Chrysene
Concen: 0.295 ng/ul
RT: 21.492 min Scan# 4161
Delta R.T. 0.006 min
Lab File: BM041105.D
Acq: 25 Jul 2023 14:35

Tgt Ion:228 Resp: 11685
Ion Ratio Lower Upper
228 100
226 31.4 24.2 36.4
229 21.6 15.9 23.9

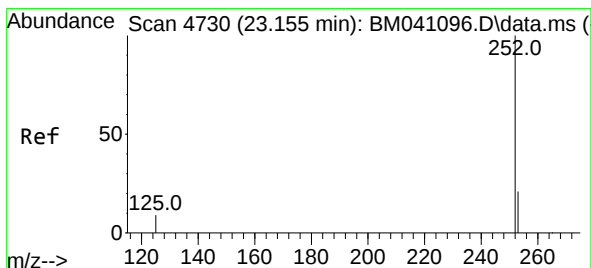
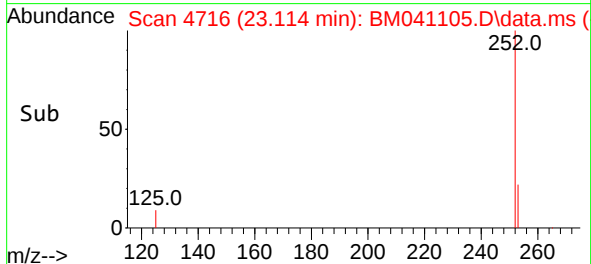
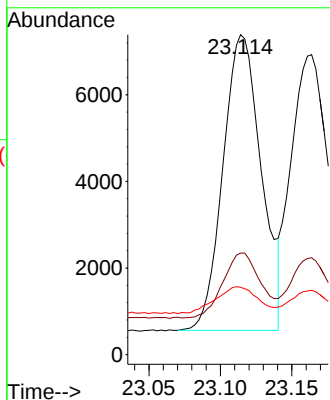
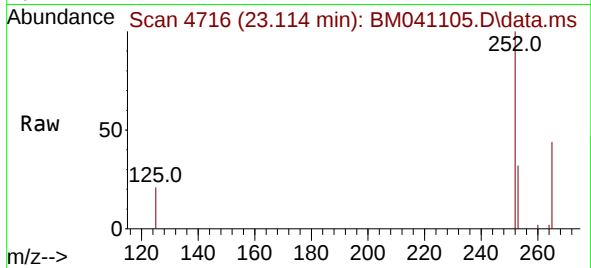




#24
Benzo(b)fluoranthene
Concen: 0.290 ng/ul
RT: 23.114 min Scan# 4716
Delta R.T. 0.009 min
Lab File: BM041105.D
Acq: 25 Jul 2023 14:35

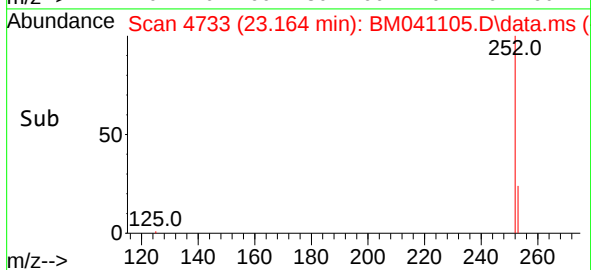
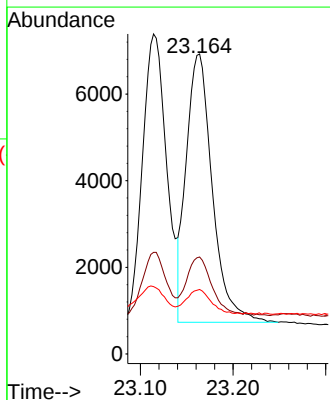
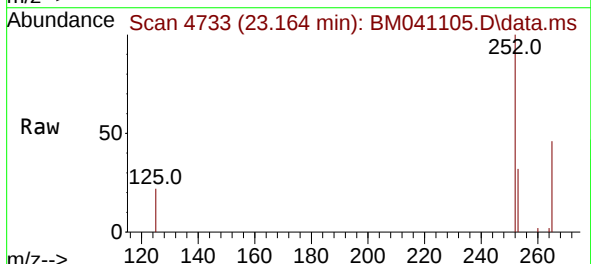
Instrument :
BNA_M
ClientSampleId :
SLCS169

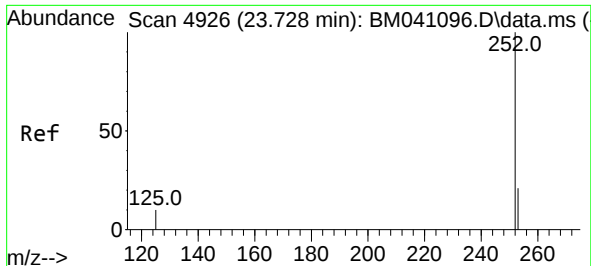
Tgt Ion:252 Resp: 12742
Ion Ratio Lower Upper
252 100
253 31.7 0.0 57.6
125 21.0 0.0 33.6



#25
Benzo(k)fluoranthene
Concen: 0.289 ng/ul
RT: 23.164 min Scan# 4733
Delta R.T. 0.009 min
Lab File: BM041105.D
Acq: 25 Jul 2023 14:35

Tgt Ion:252 Resp: 12107
Ion Ratio Lower Upper
252 100
253 32.3 22.8 34.2
125 21.5 13.5 20.3#

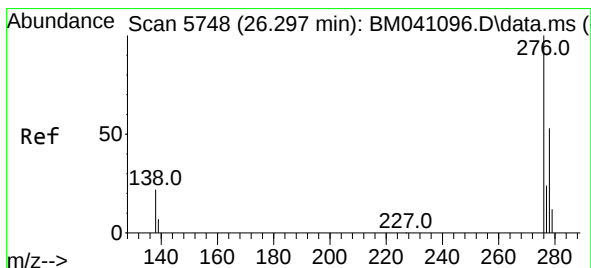
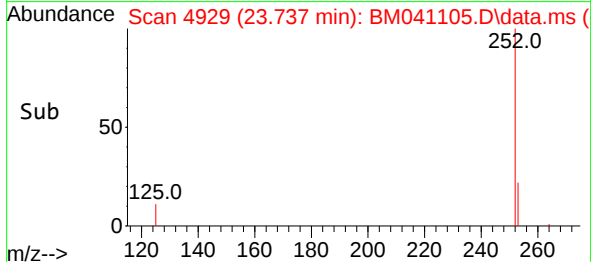
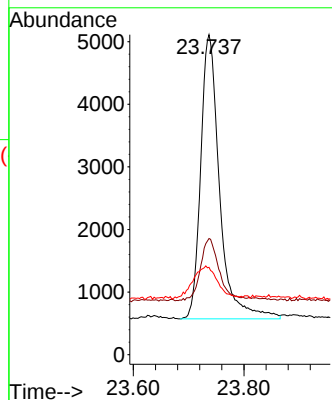
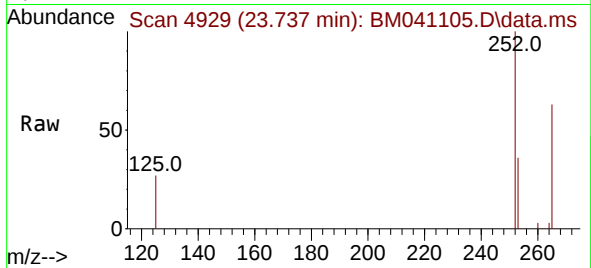




#26
Benzo(a)pyrene
Concen: 0.302 ng/ul
RT: 23.737 min Scan# 4926
Delta R.T. 0.009 min
Lab File: BM041105.D
Acq: 25 Jul 2023 14:35

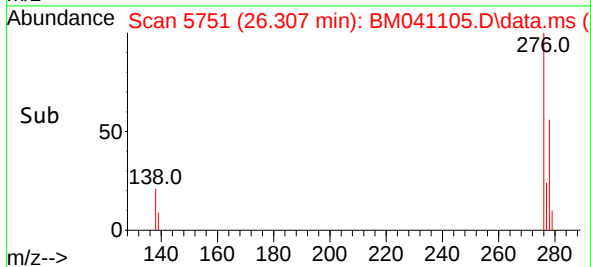
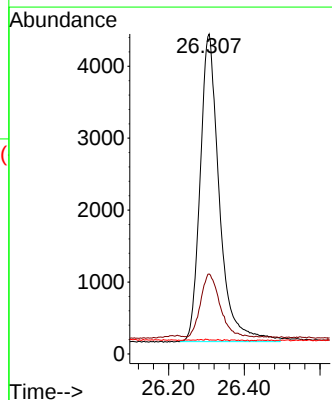
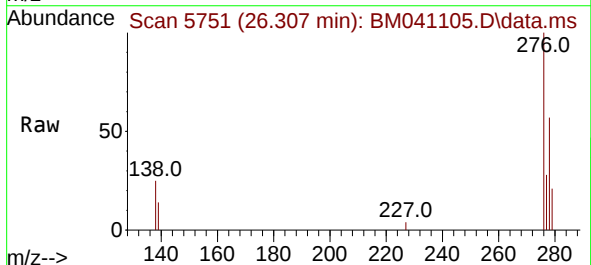
Instrument :
BNA_M
ClientSampleId :
SLCS169

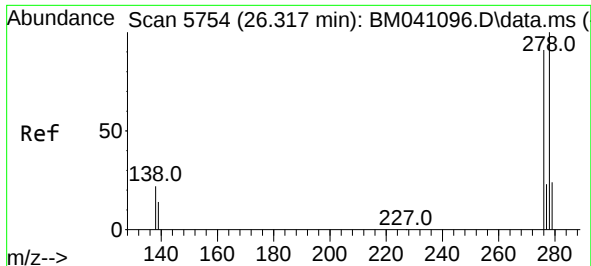
Tgt Ion:252 Resp: 10738
Ion Ratio Lower Upper
252 100
253 36.3 26.7 40.1
125 27.3 18.1 27.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.286 ng/ul
RT: 26.307 min Scan# 5751
Delta R.T. 0.010 min
Lab File: BM041105.D
Acq: 25 Jul 2023 14:35

Tgt Ion:276 Resp: 15040
Ion Ratio Lower Upper
276 100
138 21.5 18.1 27.1
227 0.1 0.2 0.2#

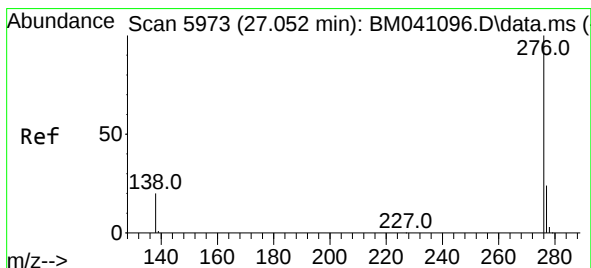
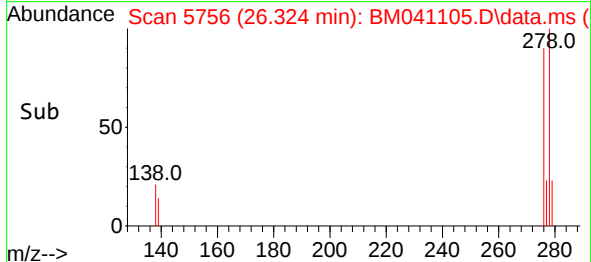
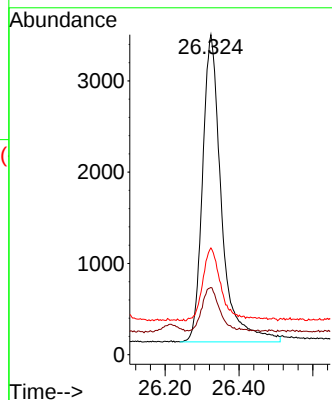
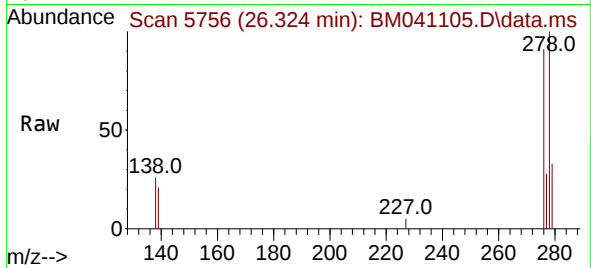




#28
Dibenzo(a,h)anthracene
Concen: 0.290 ng/ul
RT: 26.324 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM041105.D
Acq: 25 Jul 2023 14:35

Instrument :
BNA_M
ClientSampleId :
SLCS169

Tgt Ion:278 Resp: 11973
Ion Ratio Lower Upper
278 100
139 21.0 14.1 21.1
279 33.4 25.0 37.4



#29
Benzo(g,h,i)perylene
Concen: 0.273 ng/ul
RT: 27.062 min Scan# 5976
Delta R.T. 0.010 min
Lab File: BM041105.D
Acq: 25 Jul 2023 14:35

Tgt Ion:276 Resp: 12821
Ion Ratio Lower Upper
276 100
138 24.8 18.2 27.2
277 27.5 20.6 30.8

