

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113022\
 Data File : BM037805.D
 Acq On : 30 Nov 2022 16:33
 Operator : CG/JU
 Sample : PB149339BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS339

Quant Time: Dec 01 00:20:12 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM113022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 00:14:21 2022
 Response via : Initial Calibration

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

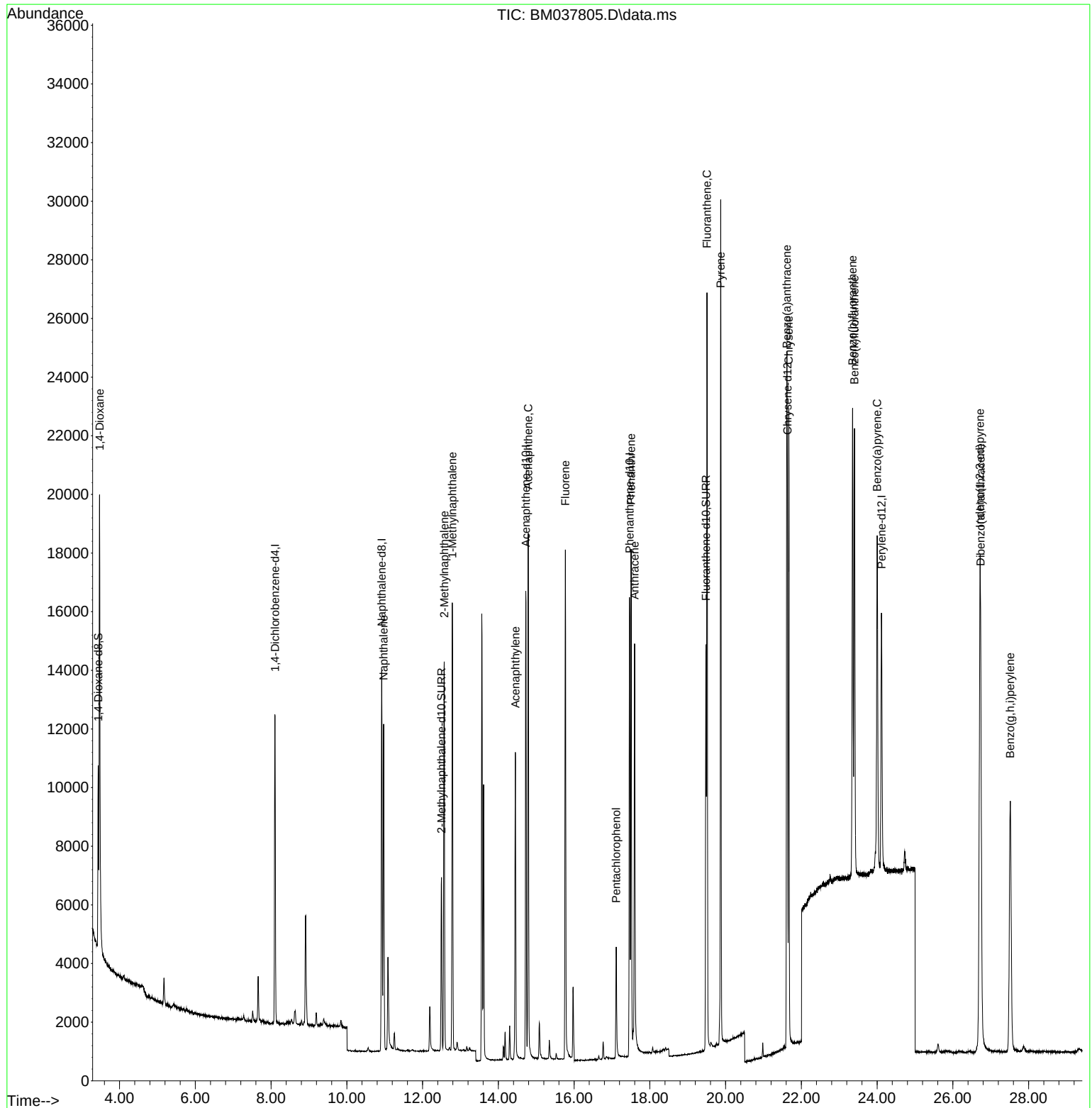
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	5296	0.400	ng/ul	0.00
4) Naphthalene-d8	10.921	136	16455	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.725	164	8744	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.463	188	17742	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.632	240	12939	0.400	ng/ul	# 0.00
23) Perylene-d12	24.116	264	12469	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	4041	0.573	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.499	152	7228	0.304	ng/ul	0.00
18) Fluoranthene-d10	19.482	212	13358	0.303	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.472	88	10163	1.379	ng/ul#	48
5) Naphthalene	10.971	128	14945	0.291	ng/ul	98
7) 2-Methylnaphthalene	12.571	142	9176	0.293	ng/ul	99
8) 1-Methylnaphthalene	12.785	142	9876	0.308	ng/ul	100
10) Acenaphthylene	14.448	152	12381	0.282	ng/ul	98
11) Acenaphthene	14.790	153	10517	0.289	ng/ul	99
12) Fluorene	15.771	166	11457	0.284	ng/ul	99
14) Pentachlorophenol	17.113	266	2730	0.468	ng/ul	99
15) Phenanthrene	17.505	178	18486	0.287	ng/ul	98
16) Anthracene	17.598	178	16233	0.284	ng/ul	98
19) Fluoranthene	19.510	202	20441	0.285	ng/ul#	85
20) Pyrene	19.872	202	21510	0.286	ng/ul#	86
21) Benzo(a)anthracene	21.614	228	18425	0.294	ng/ul	99
22) Chrysene	21.670	228	18905	0.299	ng/ul	99
24) Benzo(b)fluoranthene	23.350	252	20180	0.309	ng/ul#	80
25) Benzo(k)fluoranthene	23.403	252	19540	0.310	ng/ul#	81
26) Benzo(a)pyrene	24.002	252	16944	0.304	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	26.716	276	22290	0.306	ng/ul#	74
28) Dibenzo(a,h)anthracene	26.732	278	17512	0.307	ng/ul#	87
29) Benzo(g,h,i)perylene	27.514	276	18882	0.309	ng/ul#	87

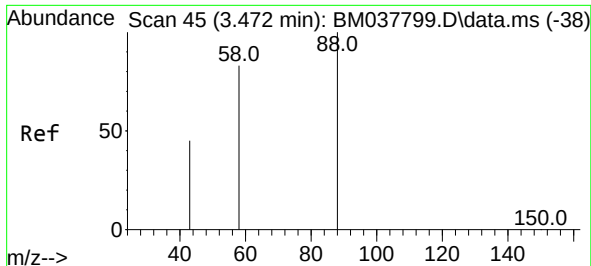
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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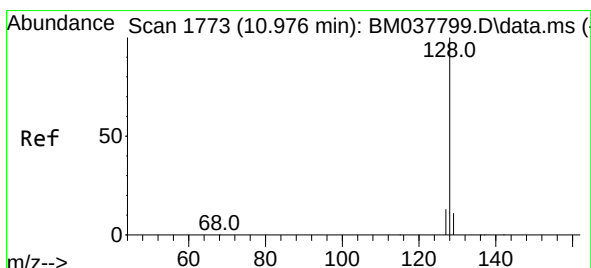
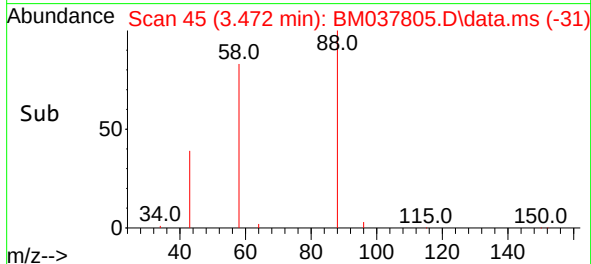
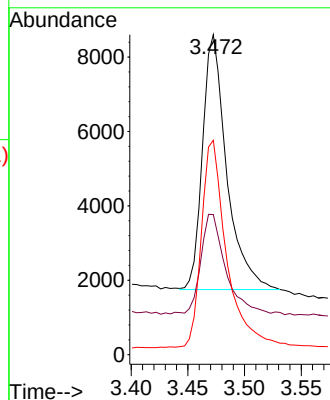
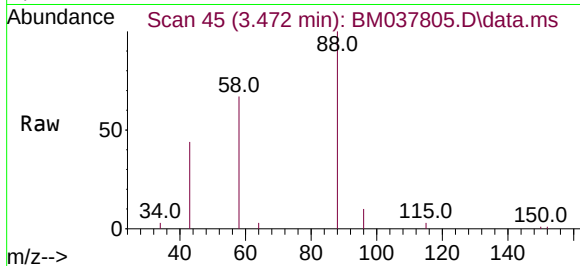




#2
1,4-Dioxane
Concen: 1.379 ng/ul
RT: 3.472 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM037805.D
Acq: 30 Nov 2022 16:33

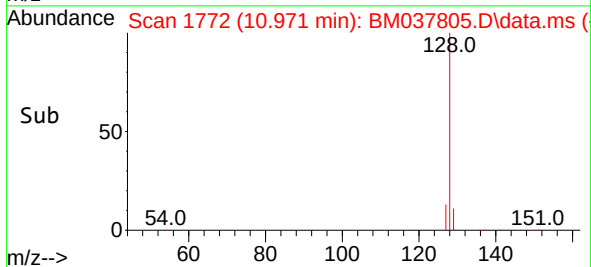
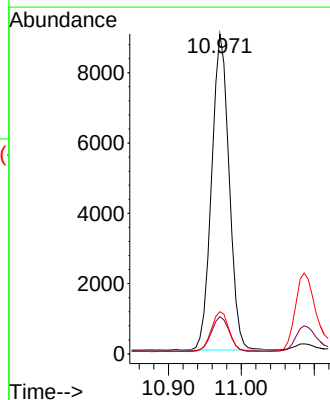
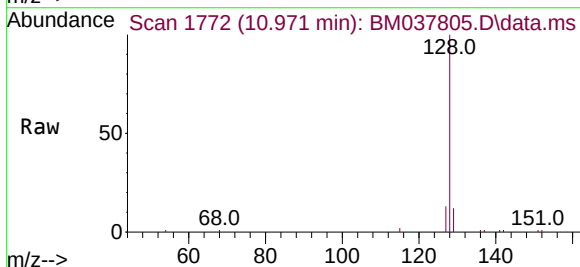
Instrument :
BNA_M
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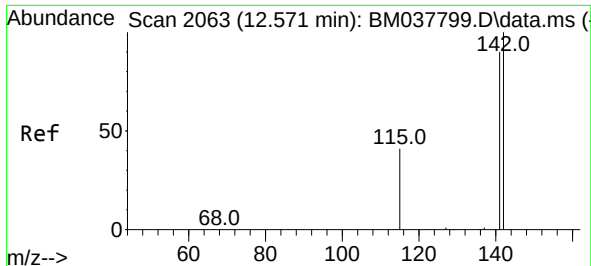
Tgt Ion: 88 Resp: 10163
Ion Ratio Lower Upper
88 100
43 43.8 102.8 154.2#
58 67.0 67.3 100.9#



#5
Naphthalene
Concen: 0.291 ng/ul
RT: 10.971 min Scan# 1772
Delta R.T. -0.005 min
Lab File: BM037805.D
Acq: 30 Nov 2022 16:33

Tgt Ion: 128 Resp: 14945
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.8
127 13.2 11.0 16.4

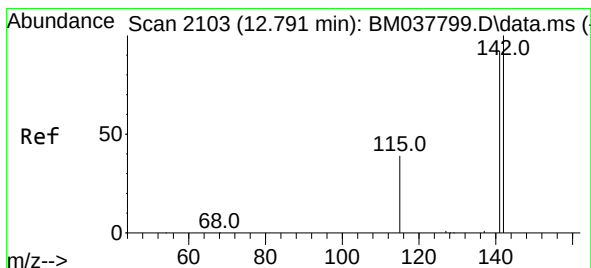
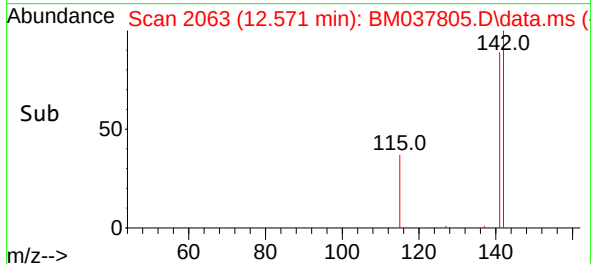
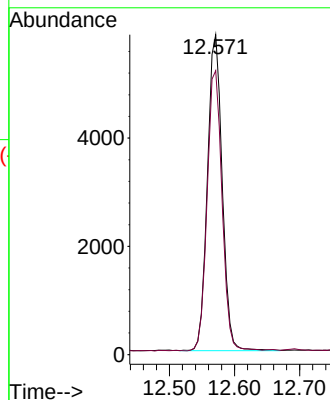
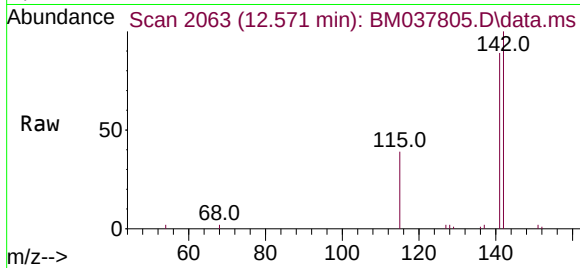




#7
2-Methylnaphthalene
Concen: 0.293 ng/ul
RT: 12.571 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BM037805.D
Acq: 30 Nov 2022 16:33

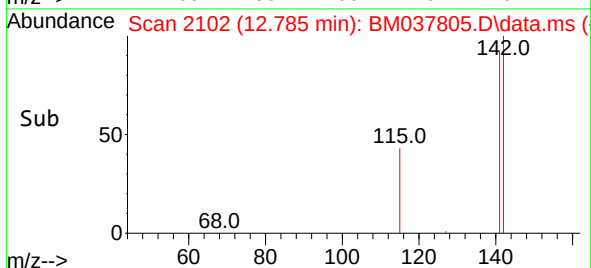
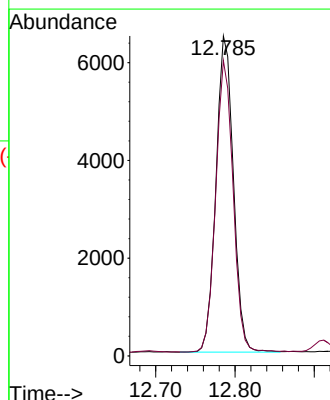
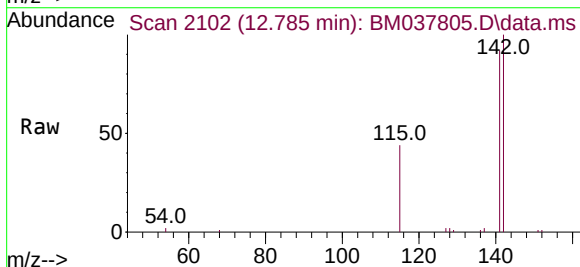
Instrument :
BNA_M
ClientSampleId :
SLCS339

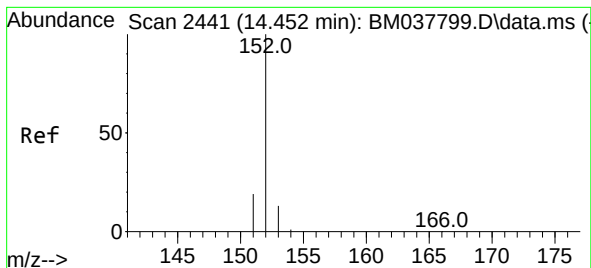
Tgt Ion:142 Resp: 9176
Ion Ratio Lower Upper
142 100
141 89.7 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.785 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BM037805.D
Acq: 30 Nov 2022 16:33

Tgt Ion:142 Resp: 9876
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.0





#10

Acenaphthylene

Concen: 0.282 ng/ul

RT: 14.448 min Scan# 2441

Delta R.T. -0.005 min

Lab File: BM037805.D

Acq: 30 Nov 2022 16:33

Instrument :

BNA_M

ClientSampleId :

SLCS339

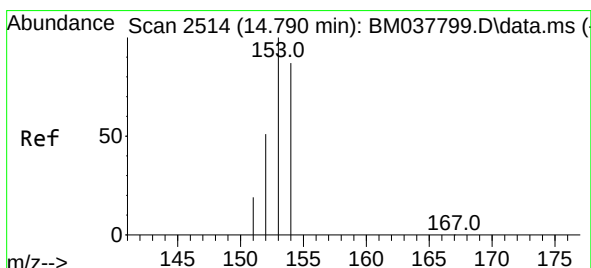
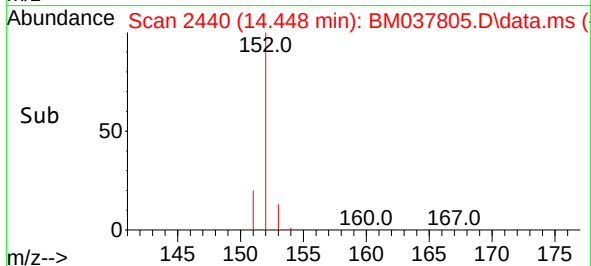
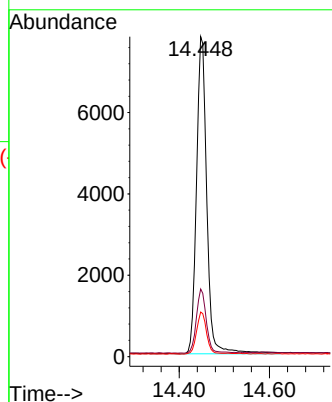
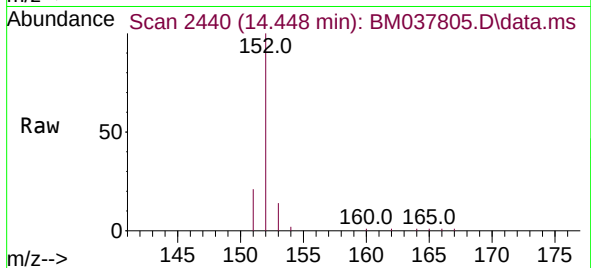
Tgt Ion:152 Resp: 12381

Ion Ratio Lower Upper

152 100

151 21.1 15.9 23.9

153 13.9 11.0 16.4



#11

Acenaphthene

Concen: 0.289 ng/ul

RT: 14.790 min Scan# 2514

Delta R.T. 0.000 min

Lab File: BM037805.D

Acq: 30 Nov 2022 16:33

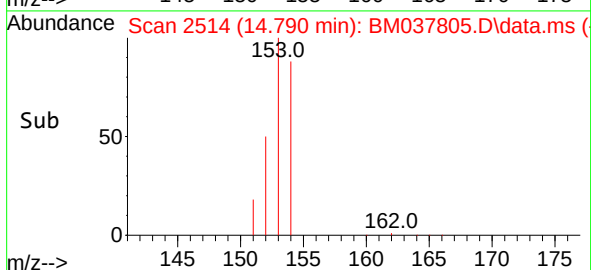
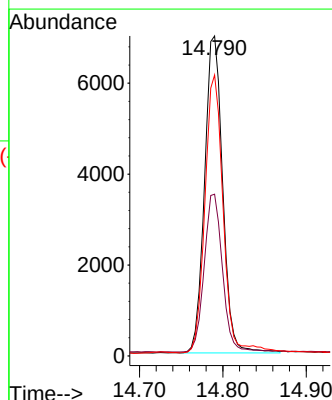
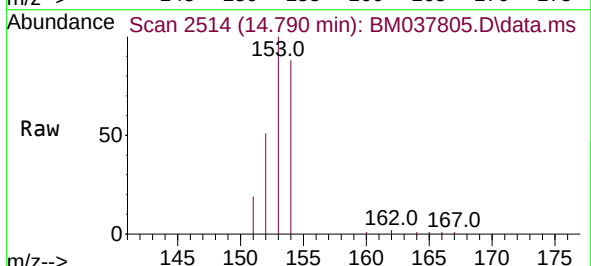
Tgt Ion:153 Resp: 10517

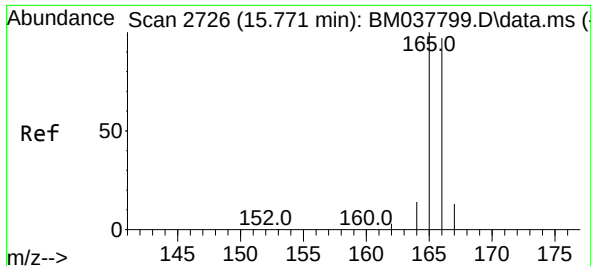
Ion Ratio Lower Upper

153 100

152 50.5 39.4 59.0

154 87.8 69.5 104.3

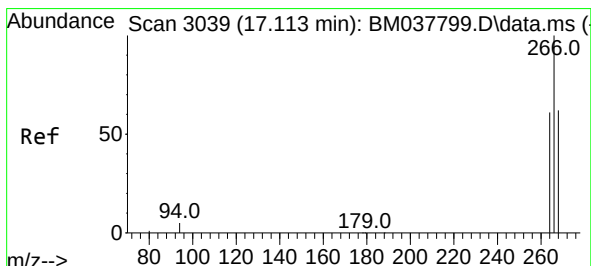
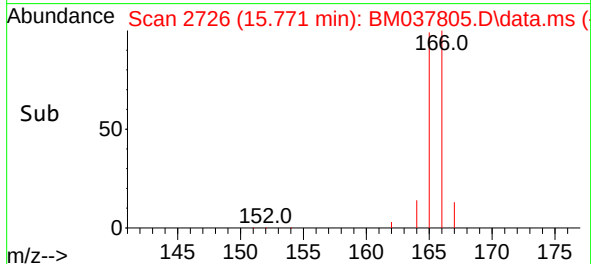
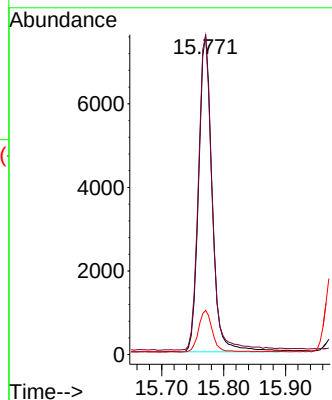
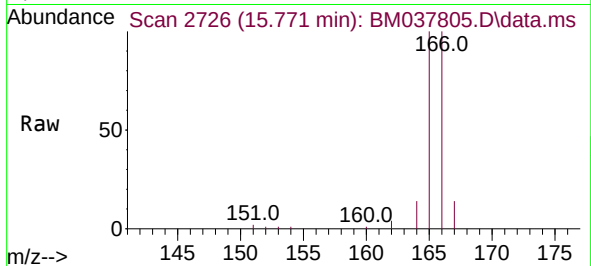




#12
 Fluorene
 Concen: 0.284 ng/ul
 RT: 15.771 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM037805.D
 Acq: 30 Nov 2022 16:33

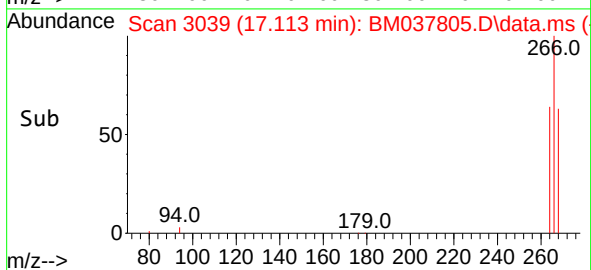
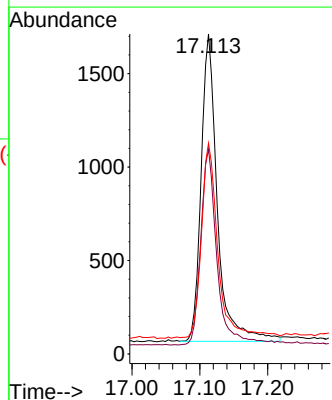
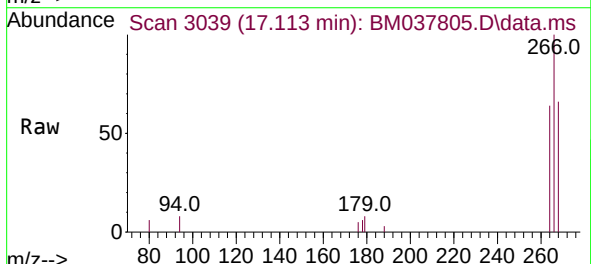
Instrument :
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 ClientSampleId :
 SLCS339

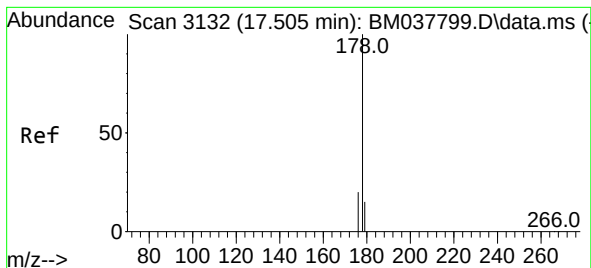
Tgt Ion:166 Resp: 11457
 Ion Ratio Lower Upper
 166 100
 165 99.7 78.7 118.1
 167 13.8 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.468 ng/ul
 RT: 17.113 min Scan# 3039
 Delta R.T. 0.000 min
 Lab File: BM037805.D
 Acq: 30 Nov 2022 16:33

Tgt Ion:266 Resp: 2730
 Ion Ratio Lower Upper
 266 100
 264 64.0 50.2 75.2
 268 64.5 52.0 78.0





#15

Phenanthrene

Concen: 0.287 ng/ul

RT: 17.505 min Scan# 3132

Delta R.T. 0.000 min

Lab File: BM037805.D

Acq: 30 Nov 2022 16:33

Instrument :

BNA_M

ClientSampleId :

SLCS339

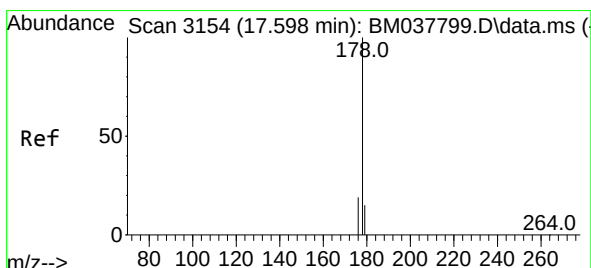
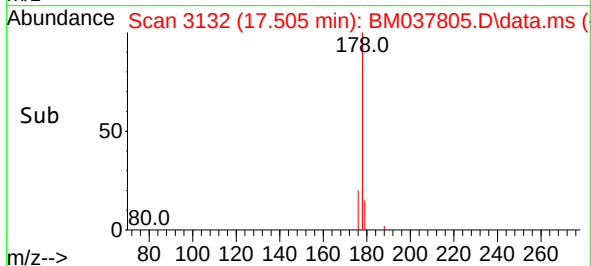
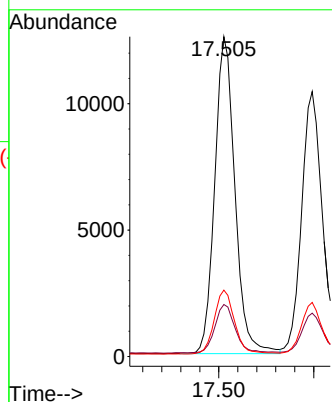
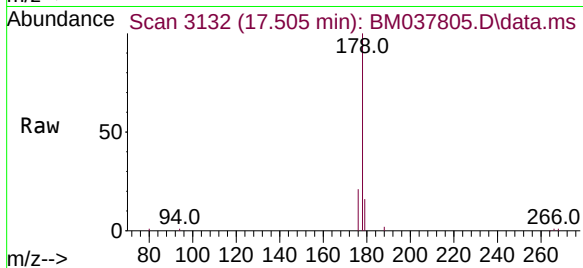
Tgt Ion:178 Resp: 18486

Ion Ratio Lower Upper

178 100

179 16.3 12.6 18.8

176 20.8 16.0 24.0



#16

Anthracene

Concen: 0.284 ng/ul

RT: 17.598 min Scan# 3154

Delta R.T. 0.000 min

Lab File: BM037805.D

Acq: 30 Nov 2022 16:33

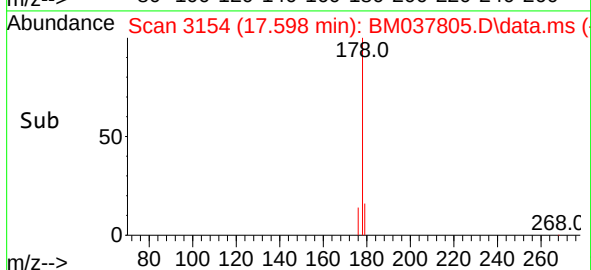
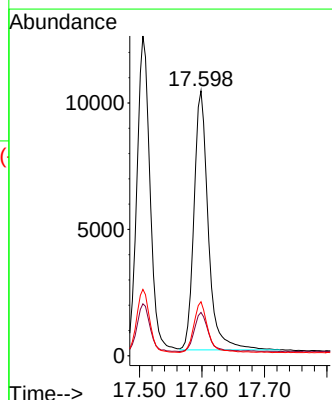
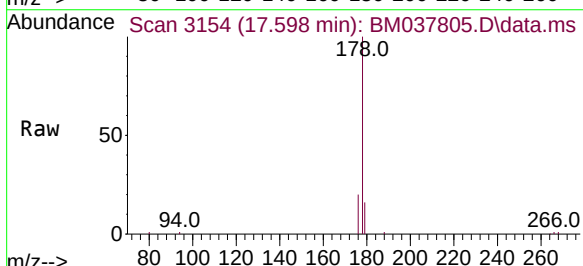
Tgt Ion:178 Resp: 16233

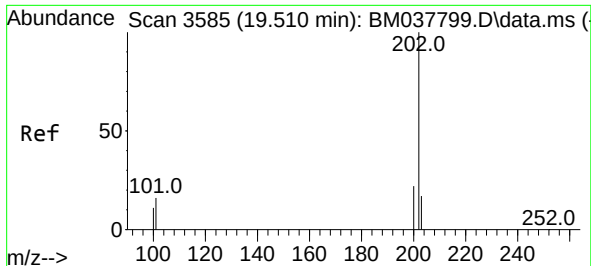
Ion Ratio Lower Upper

178 100

179 16.4 12.8 19.2

176 20.4 15.0 22.6

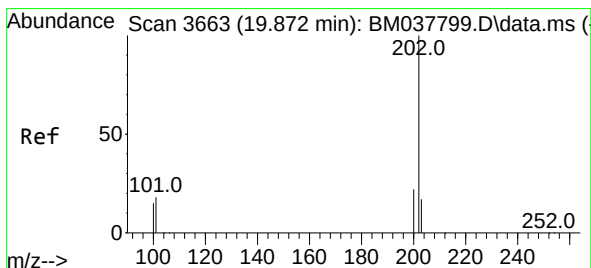
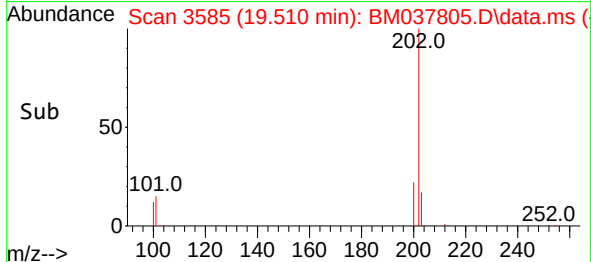
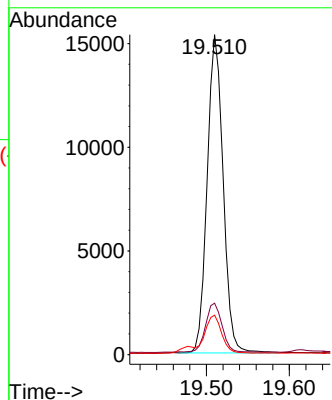
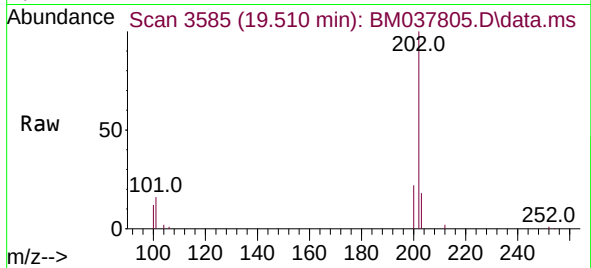




#19
Fluoranthene
Concen: 0.285 ng/ul
RT: 19.510 min Scan# 3585
Delta R.T. 0.000 min
Lab File: BM037805.D
Acq: 30 Nov 2022 16:33

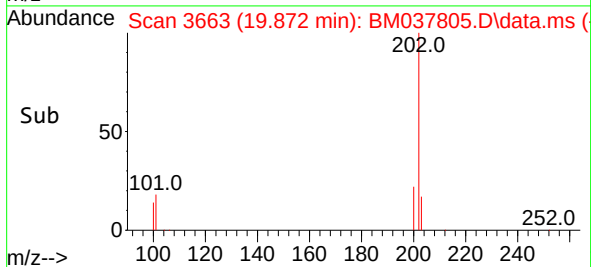
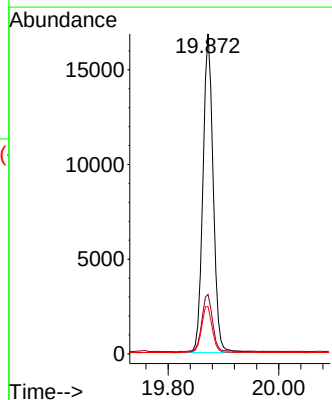
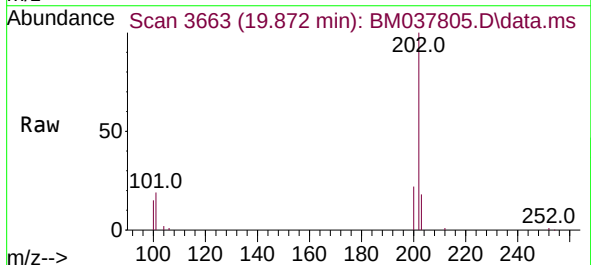
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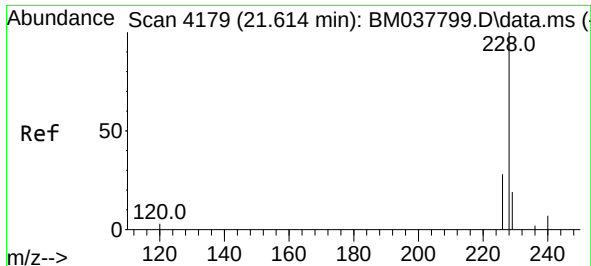
Tgt Ion:202 Resp: 20441
Ion Ratio Lower Upper
202 100
101 16.1 8.2 12.2#
100 12.3 6.1 9.1#



#20
Pyrene
Concen: 0.286 ng/ul
RT: 19.872 min Scan# 3663
Delta R.T. 0.000 min
Lab File: BM037805.D
Acq: 30 Nov 2022 16:33

Tgt Ion:202 Resp: 21510
Ion Ratio Lower Upper
202 100
101 18.6 10.1 15.1#
100 14.8 8.0 12.0#

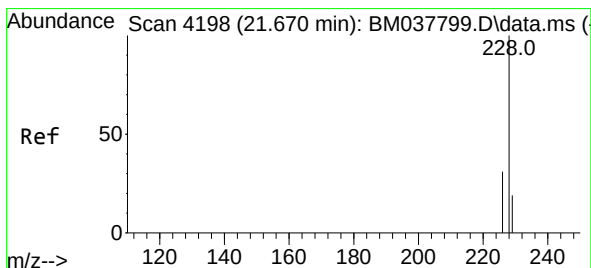
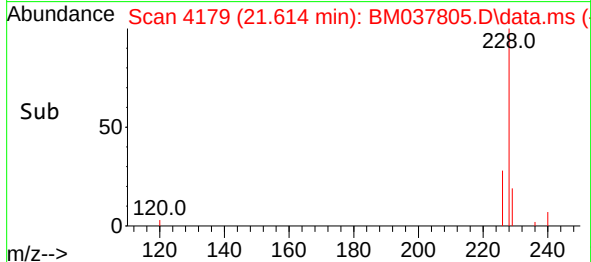
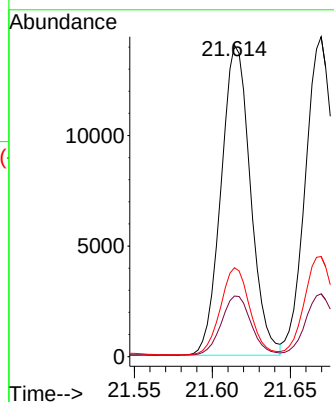
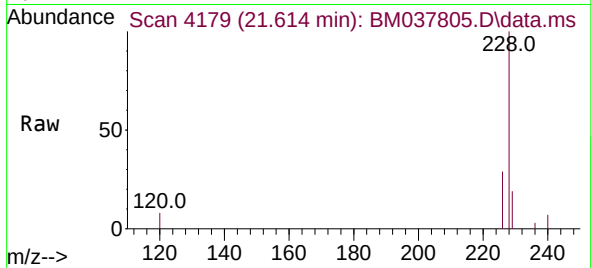




#21
Benzo(a)anthracene
Concen: 0.294 ng/ul
RT: 21.614 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BM037805.D
Acq: 30 Nov 2022 16:33

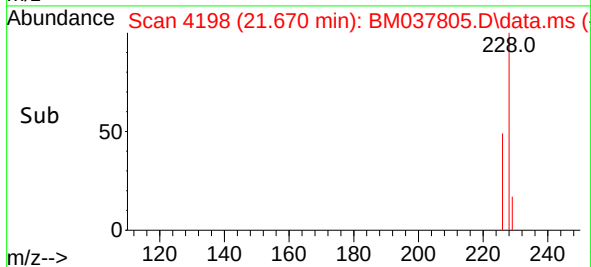
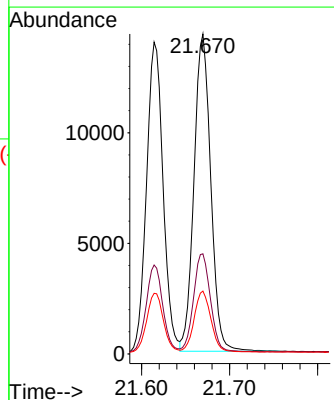
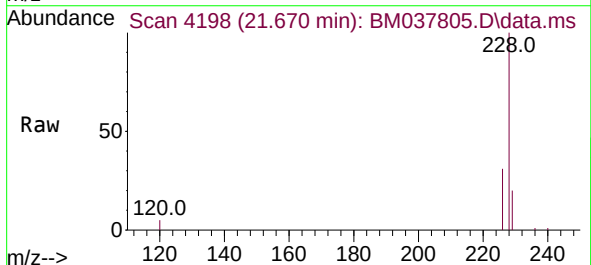
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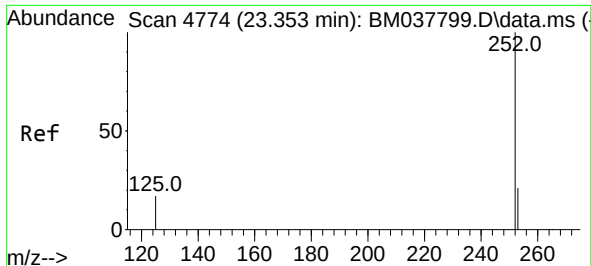
Tgt Ion:228 Resp: 18425
Ion Ratio Lower Upper
228 100
229 19.4 15.7 23.5
226 28.5 22.2 33.2



#22
Chrysene
Concen: 0.299 ng/ul
RT: 21.670 min Scan# 4198
Delta R.T. 0.000 min
Lab File: BM037805.D
Acq: 30 Nov 2022 16:33

Tgt Ion:228 Resp: 18905
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 19.6 15.5 23.3

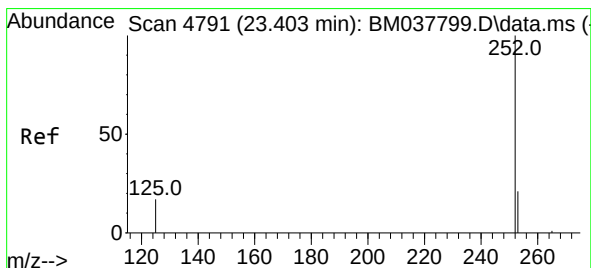
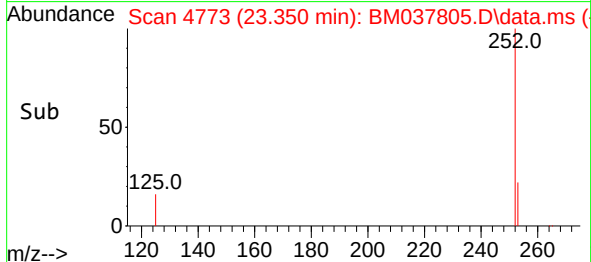
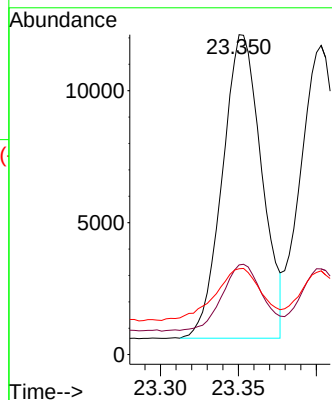
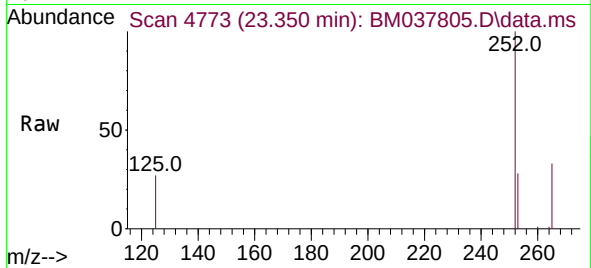




#24
Benzo(b)fluoranthene
Concen: 0.309 ng/ul
RT: 23.350 min Scan# 4773
Delta R.T. -0.003 min
Lab File: BM037805.D
Acq: 30 Nov 2022 16:33

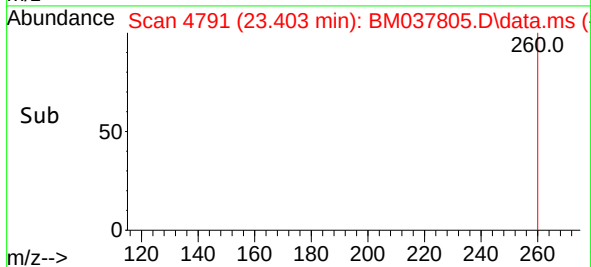
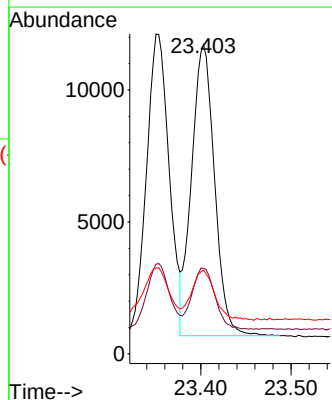
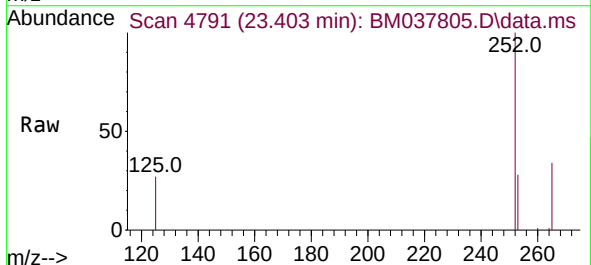
Instrument :
BNA_M
ClientSampleId :
SLCS339

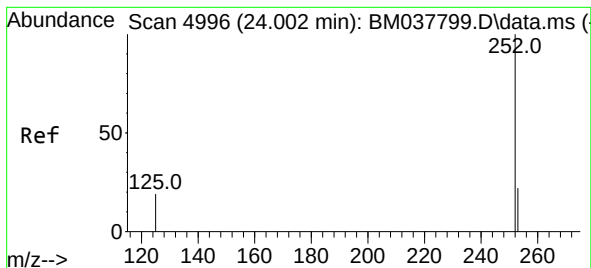
Tgt Ion:252 Resp: 20180
Ion Ratio Lower Upper
252 100
253 28.0 0.0 46.2
125 26.8 0.0 23.4#



#25
Benzo(k)fluoranthene
Concen: 0.310 ng/ul
RT: 23.403 min Scan# 4791
Delta R.T. 0.000 min
Lab File: BM037805.D
Acq: 30 Nov 2022 16:33

Tgt Ion:252 Resp: 19540
Ion Ratio Lower Upper
252 100
253 27.7 18.8 28.2
125 27.1 9.8 14.6#





#26

Benzo(a)pyrene

Concen: 0.304 ng/ul

RT: 24.002 min Scan# 4996

Delta R.T. 0.000 min

Lab File: BM037805.D

Acq: 30 Nov 2022 16:33

Instrument :

BNA_M

ClientSampleId :

SLCS339

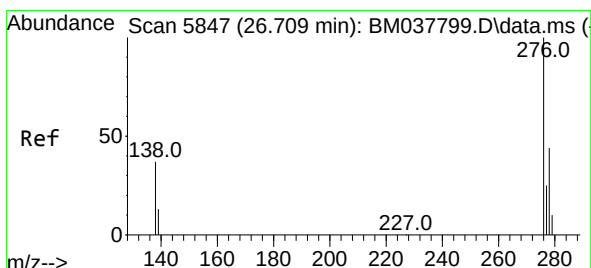
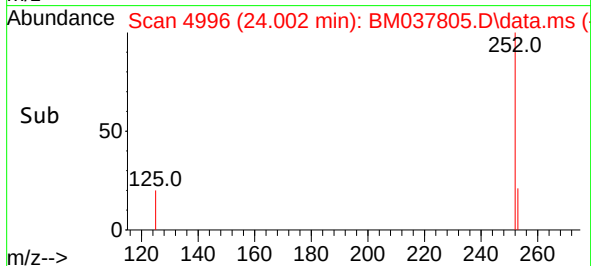
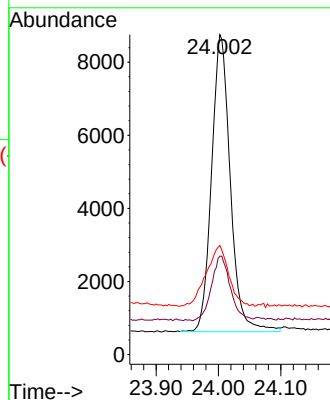
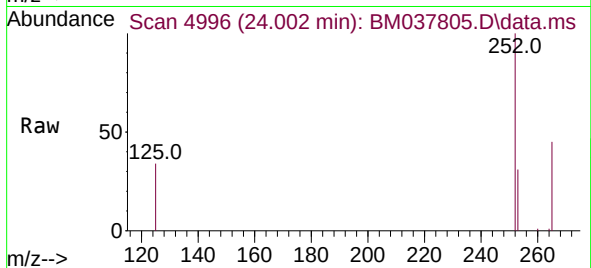
Tgt Ion:252 Resp: 16944

Ion Ratio Lower Upper

252 100

253 30.8 18.8 28.2#

125 34.1 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.306 ng/ul

RT: 26.716 min Scan# 5849

Delta R.T. 0.007 min

Lab File: BM037805.D

Acq: 30 Nov 2022 16:33

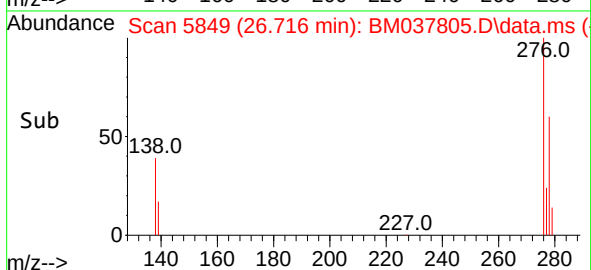
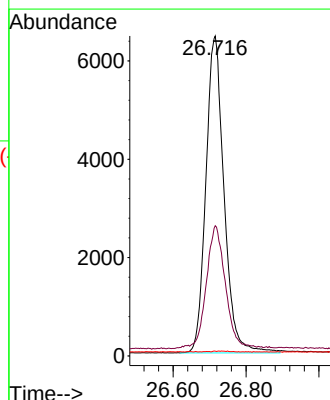
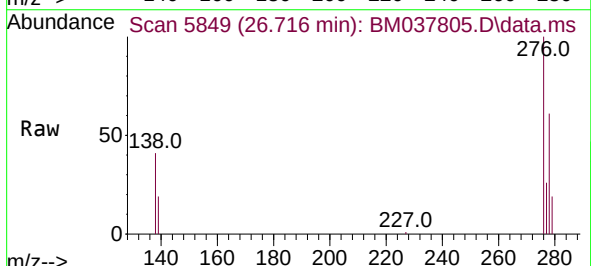
Tgt Ion:276 Resp: 22290

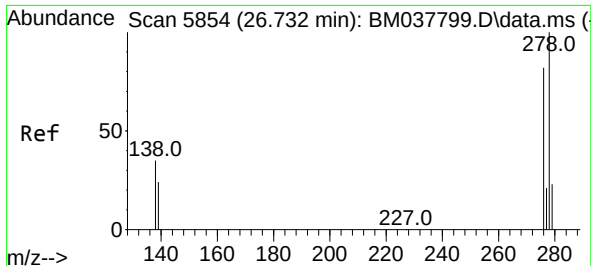
Ion Ratio Lower Upper

276 100

138 39.7 21.2 31.8#

227 0.0 0.1 0.1#

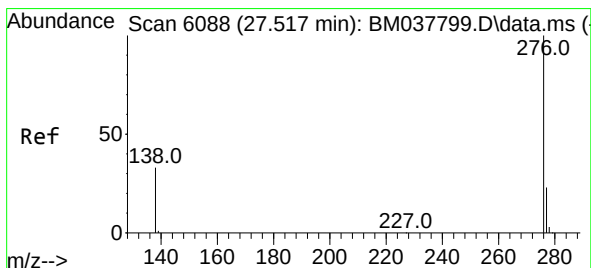
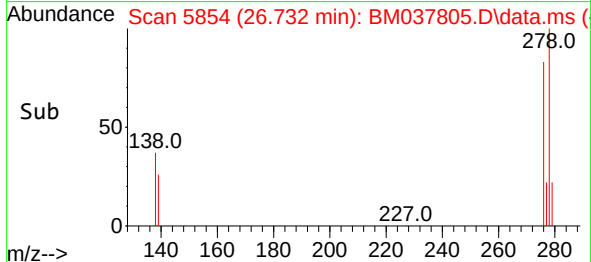
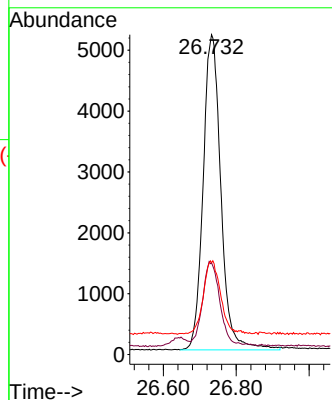
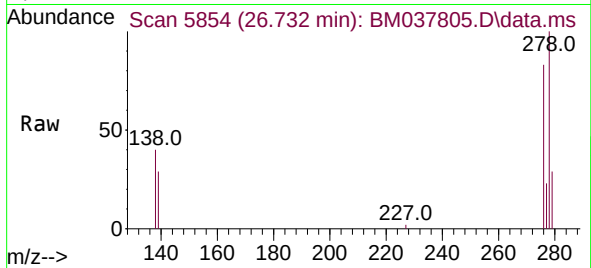




#28
Dibenzo(a,h)anthracene
Concen: 0.307 ng/ul
RT: 26.732 min Scan# 5854
Delta R.T. 0.000 min
Lab File: BM037805.D
Acq: 30 Nov 2022 16:33

Instrument :
BNA_M
ClientSampleId :
SLCS339

Tgt Ion:278 Resp: 17512
Ion Ratio Lower Upper
278 100
139 28.7 15.2 22.8#
279 28.7 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.309 ng/ul
RT: 27.514 min Scan# 6087
Delta R.T. -0.003 min
Lab File: BM037805.D
Acq: 30 Nov 2022 16:33

Tgt Ion:276 Resp: 18882
Ion Ratio Lower Upper
276 100
138 36.6 19.0 28.4#
277 24.7 19.4 29.2

