

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037674.D
 Acq On : 23 Nov 2022 11:19
 Operator : CG/JU
 Sample : PB149045BS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS045

Quant Time: Nov 24 01:48:55 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 22:36:32 2022
 Response via : Initial Calibration

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

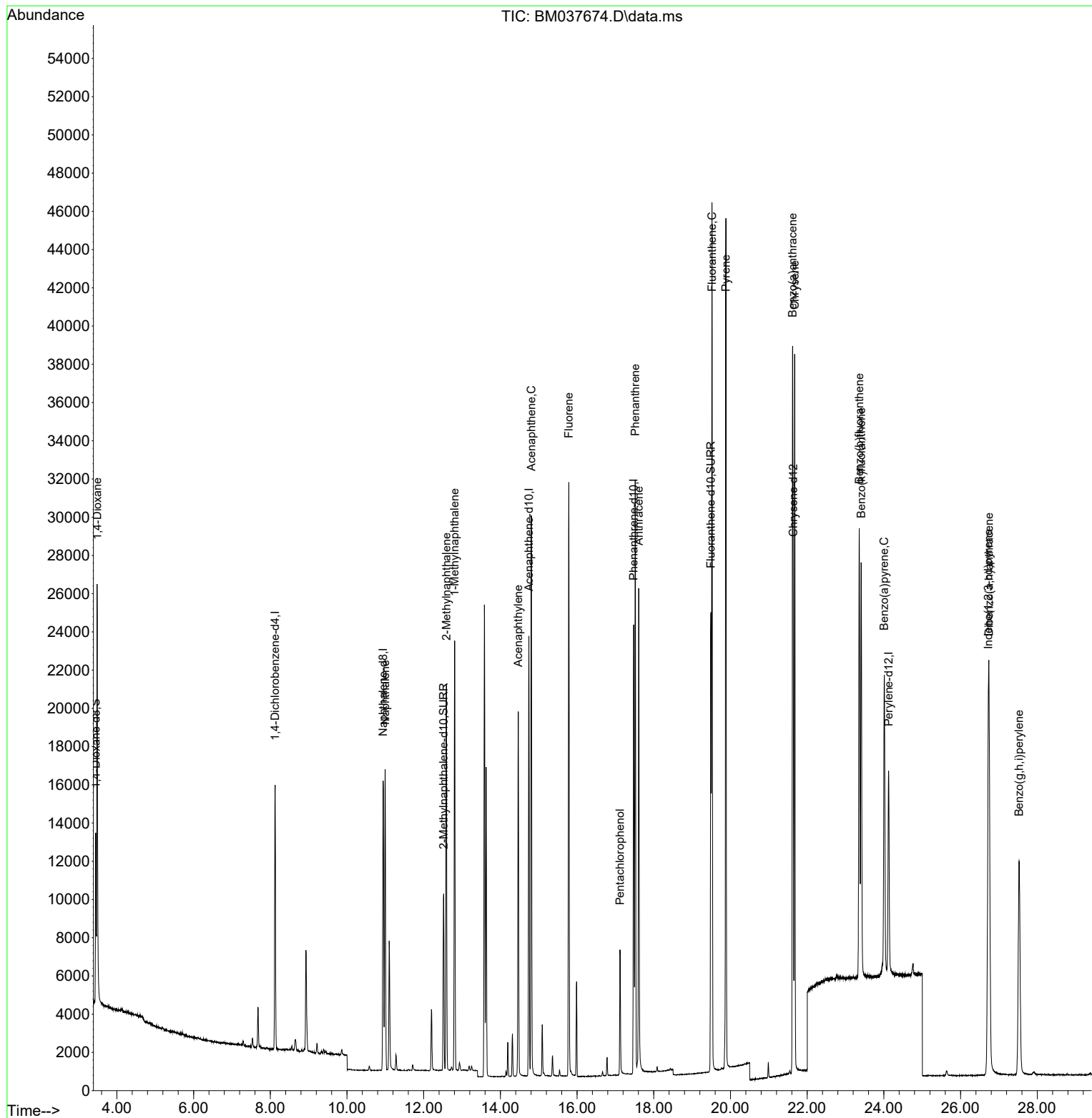
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	6871	0.400	ng/ul	0.00
4) Naphthalene-d8	10.942	136	19732	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.743	164	11927	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.475	188	26507	0.400	ng/ul	0.00
17) Chrysene-d12	21.636	240	17813	0.400	ng/ul	# 0.00
23) Perylene-d12	24.124	264	14944	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	5563	0.696	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.520	152	11413	0.349	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	24572	0.417	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.484	88	14116	1.698	ng/ul#	52
5) Naphthalene	10.997	128	21255	0.355	ng/ul	98
7) 2-Methylnaphthalene	12.592	142	13817	0.339	ng/ul	100
8) 1-Methylnaphthalene	12.806	142	14834	0.355	ng/ul	100
10) Acenaphthylene	14.465	152	20998	0.317	ng/ul	99
11) Acenaphthene	14.807	153	16658	0.360	ng/ul	98
12) Fluorene	15.783	166	19593	0.352	ng/ul	100
14) Pentachlorophenol	17.120	266	4320	0.726	ng/ul	100
15) Phenanthrene	17.517	178	32515	0.359	ng/ul	99
16) Anthracene	17.610	178	28466	0.326	ng/ul	100
19) Fluoranthene	19.518	202	36066	0.420	ng/ul#	95
20) Pyrene	19.880	202	36506	0.409	ng/ul	97
21) Benzo(a)anthracene	21.619	228	29746	0.374	ng/ul	99
22) Chrysene	21.674	228	31678	0.401	ng/ul	100
24) Benzo(b)fluoranthene	23.358	252	30895	0.453	ng/ul	92
25) Benzo(k)fluoranthene	23.408	252	28550	0.415	ng/ul#	93
26) Benzo(a)pyrene	24.010	252	25197	0.425	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.724	276	30385	0.387	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.741	278	23525	0.381	ng/ul	95
29) Benzo(g,h,i)perylene	27.526	276	25408	0.381	ng/ul	95

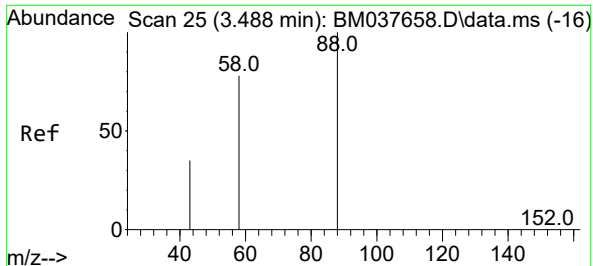
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 24 01:48:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration

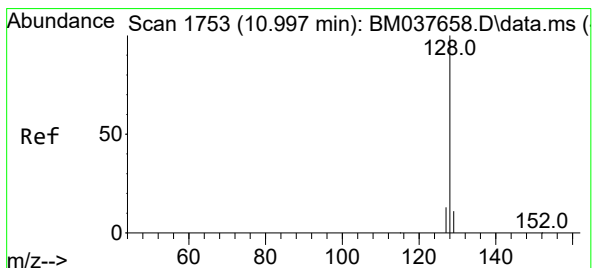
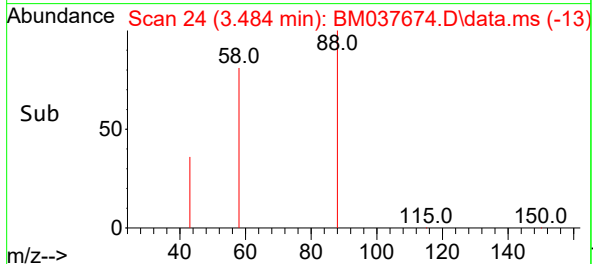
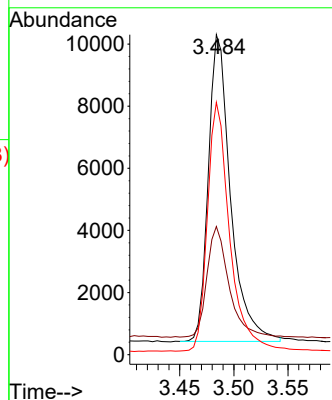
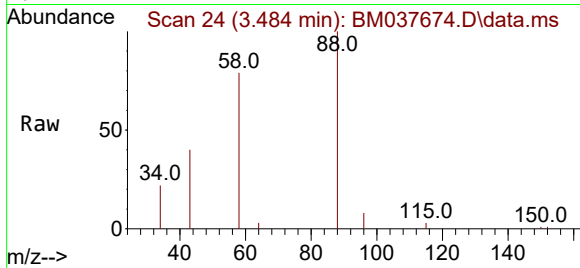




#2
1,4-Dioxane
Concen: 1.698 ng/ul
RT: 3.484 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM037674.D
Acq: 23 Nov 2022 11:19

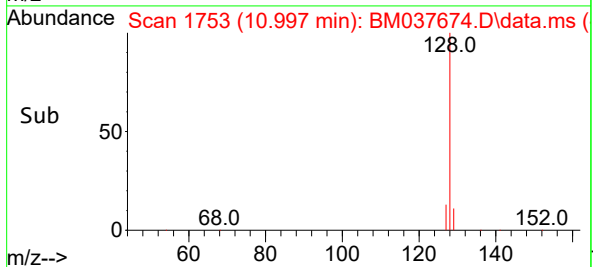
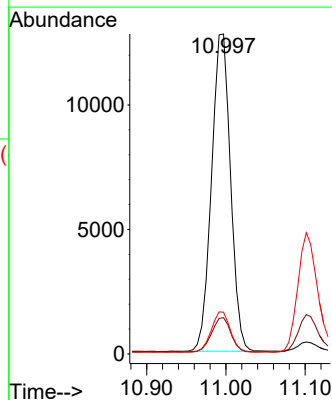
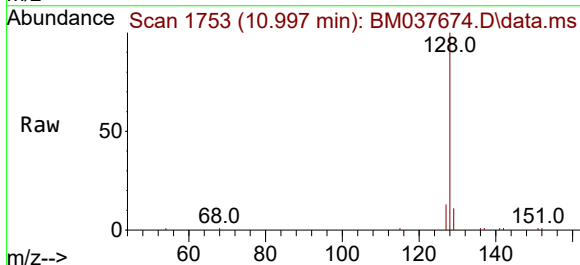
Instrument :
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SLCS045

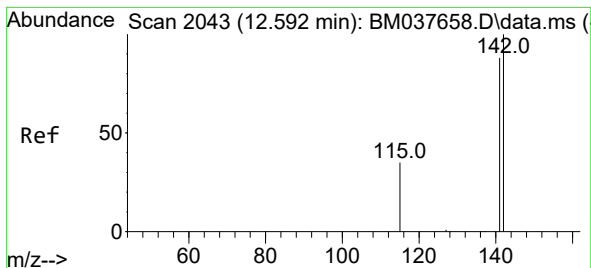
Tgt Ion: 88 Resp: 14116
Ion Ratio Lower Upper
88 100
43 40.0 102.8 154.2#
58 78.9 67.3 100.9



#5
Naphthalene
Concen: 0.355 ng/ul
RT: 10.997 min Scan# 1753
Delta R.T. -0.004 min
Lab File: BM037674.D
Acq: 23 Nov 2022 11:19

Tgt Ion: 128 Resp: 21255
Ion Ratio Lower Upper
128 100
129 11.3 9.8 14.8
127 13.0 11.0 16.4

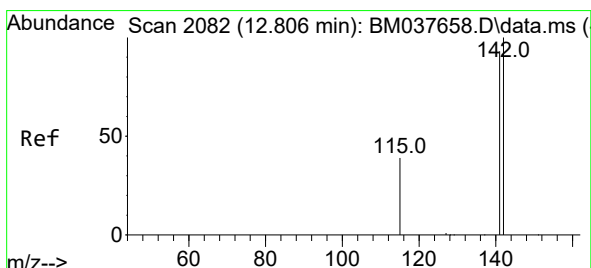
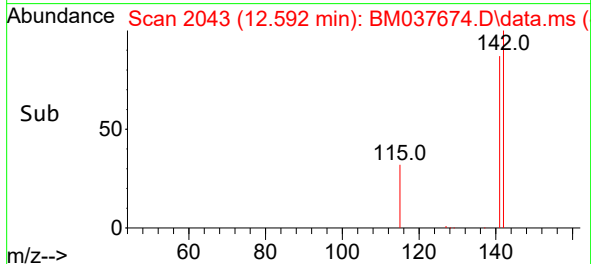
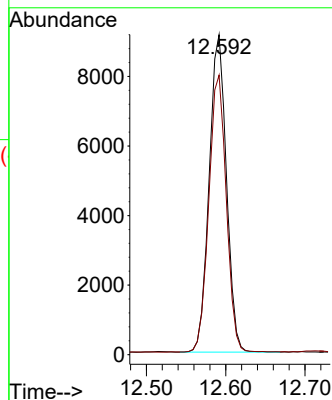
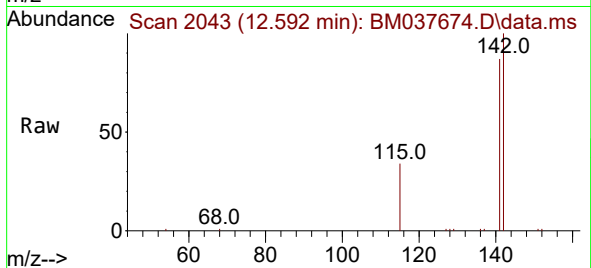




#7
2-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.592 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BM037674.D
Acq: 23 Nov 2022 11:19

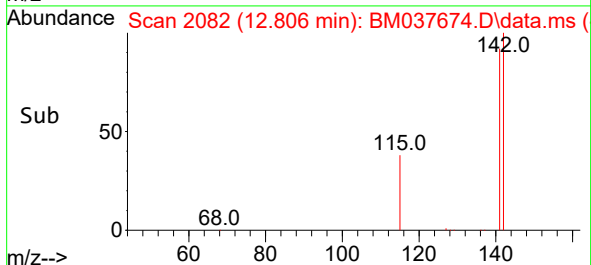
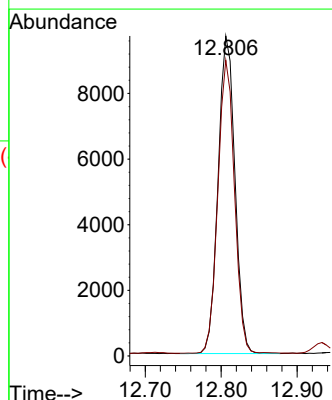
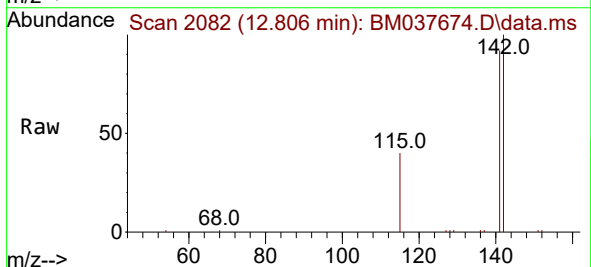
Instrument :
BNA_M
ClientSampleId :
SLCS045

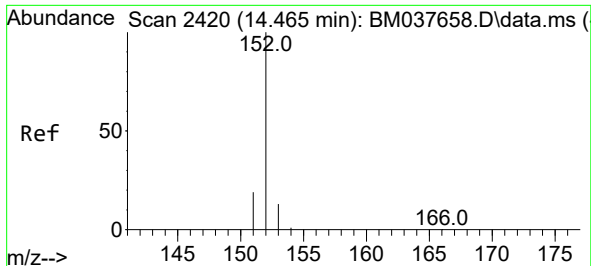
Tgt Ion:142 Resp: 13817
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.806 min Scan# 2082
Delta R.T. -0.004 min
Lab File: BM037674.D
Acq: 23 Nov 2022 11:19

Tgt Ion:142 Resp: 14834
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.0

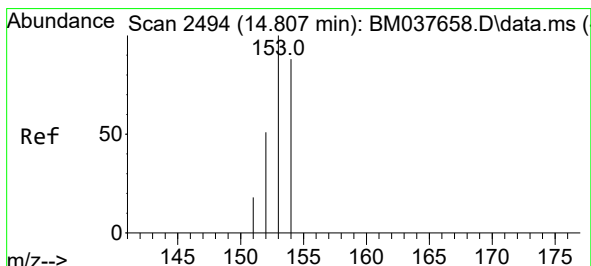
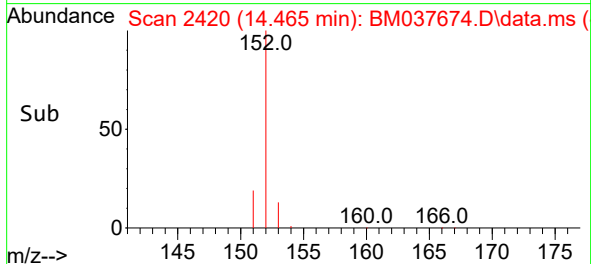
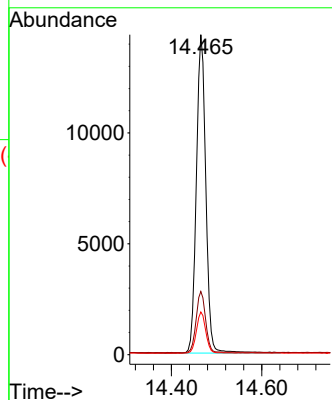
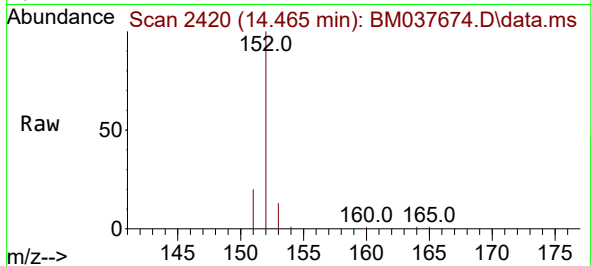




#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 14.465 min Scan# 2420
Delta R.T. -0.003 min
Lab File: BM037674.D
Acq: 23 Nov 2022 11:19

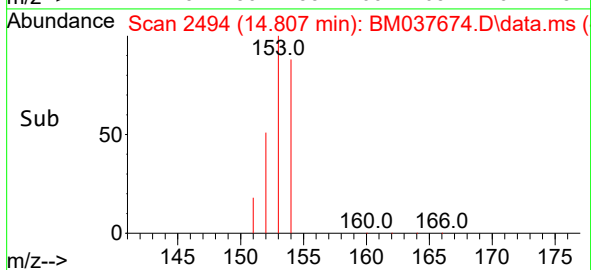
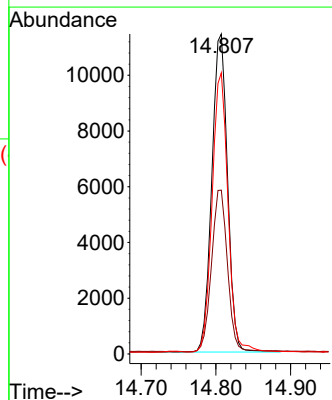
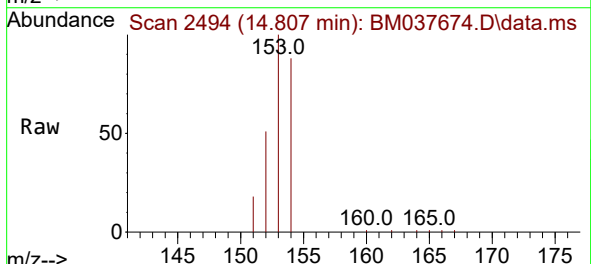
Instrument :
BNA_M
ClientSampleId :
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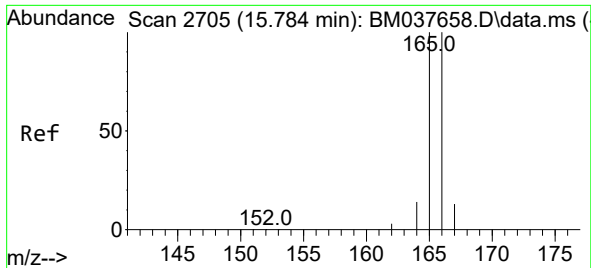
Tgt Ion:	152	Resp:	20998
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.9	23.9
153	13.3	11.0	16.4



#11
Acenaphthene
Concen: 0.360 ng/ul
RT: 14.807 min Scan# 2494
Delta R.T. -0.003 min
Lab File: BM037674.D
Acq: 23 Nov 2022 11:19

Tgt Ion:	153	Resp:	16658
Ion Ratio	Lower	Upper	
153	100		
152	51.2	39.4	59.0
154	87.9	69.5	104.3

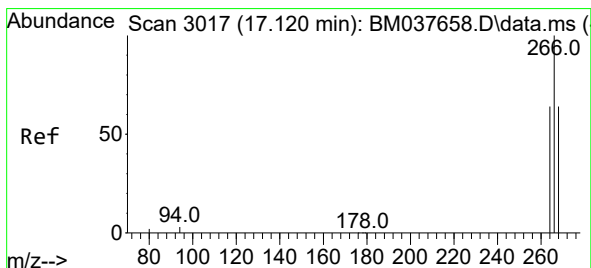
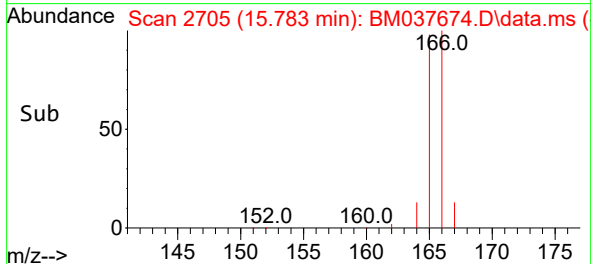
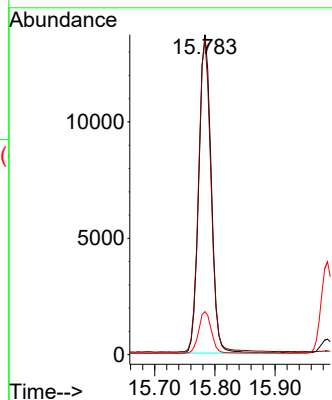
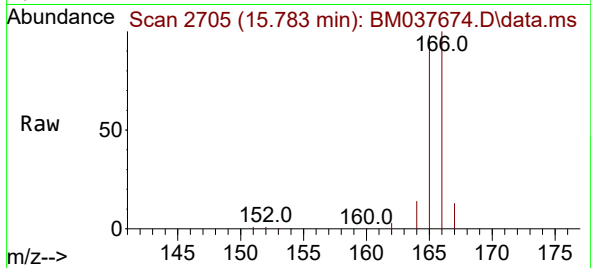




#12
Fluorene
Concen: 0.352 ng/ul
RT: 15.783 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM037674.D
Acq: 23 Nov 2022 11:19

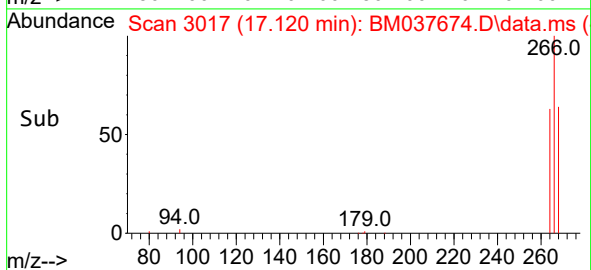
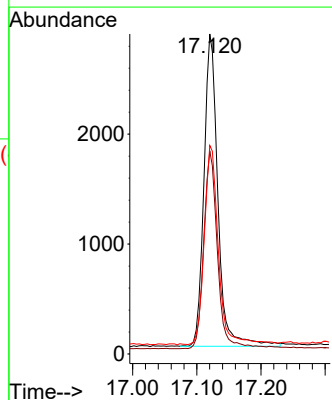
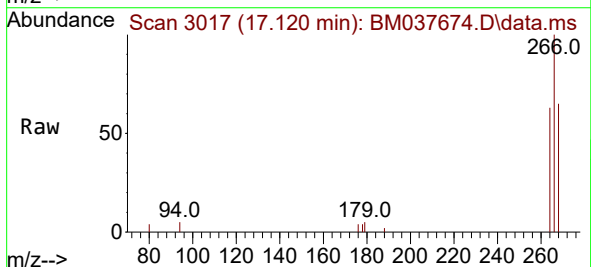
Instrument :
BNA_M
ClientSampleId :
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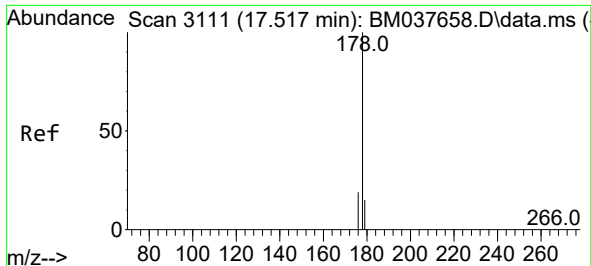
Tgt Ion:166 Resp: 19593
Ion Ratio Lower Upper
166 100
165 98.4 78.7 118.1
167 13.5 11.3 16.9



#14
Pentachlorophenol
Concen: 0.726 ng/ul
RT: 17.120 min Scan# 3017
Delta R.T. -0.007 min
Lab File: BM037674.D
Acq: 23 Nov 2022 11:19

Tgt Ion:266 Resp: 4320
Ion Ratio Lower Upper
266 100
264 62.6 50.2 75.2
268 64.5 52.0 78.0

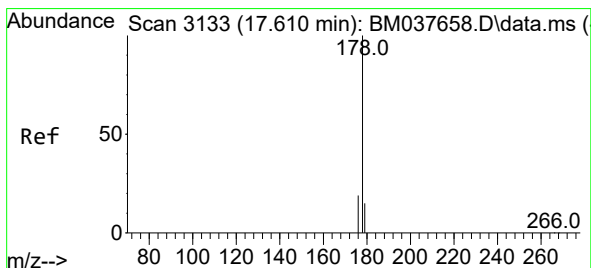
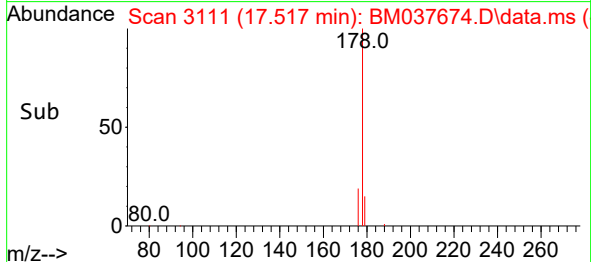
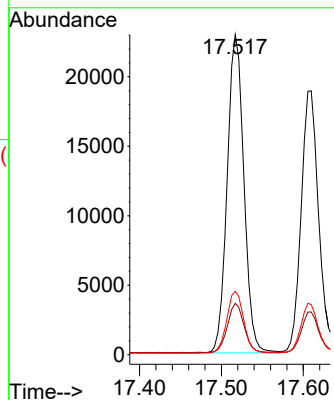
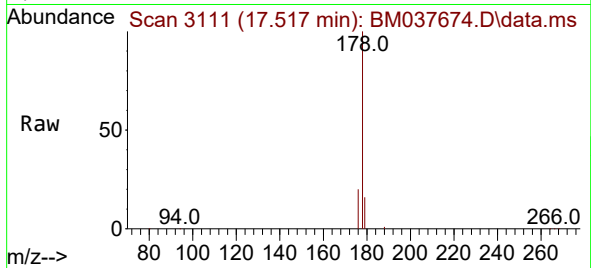




#15
Phenanthrene
Concen: 0.359 ng/ul
RT: 17.517 min Scan# 3111
Delta R.T. -0.007 min
Lab File: BM037674.D
Acq: 23 Nov 2022 11:19

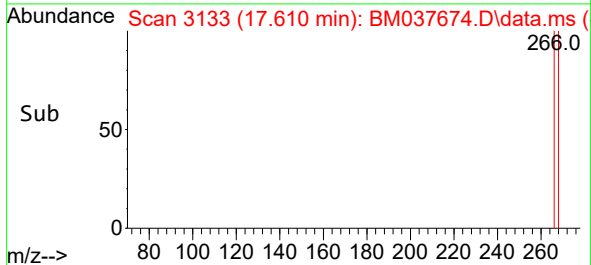
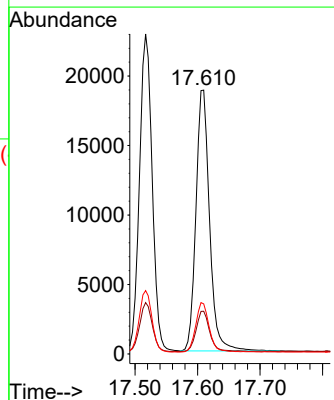
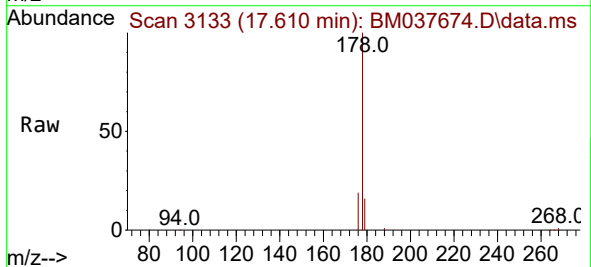
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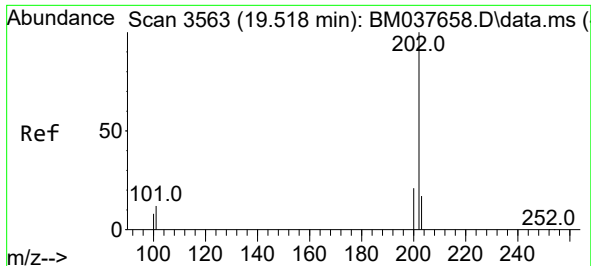
Tgt Ion:178 Resp: 32515
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.8 16.0 24.0



#16
Anthracene
Concen: 0.326 ng/ul
RT: 17.610 min Scan# 3133
Delta R.T. -0.003 min
Lab File: BM037674.D
Acq: 23 Nov 2022 11:19

Tgt Ion:178 Resp: 28466
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 19.0 15.0 22.6

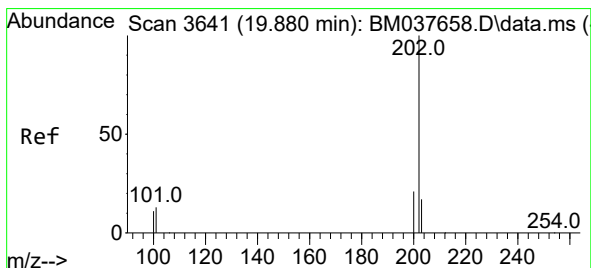
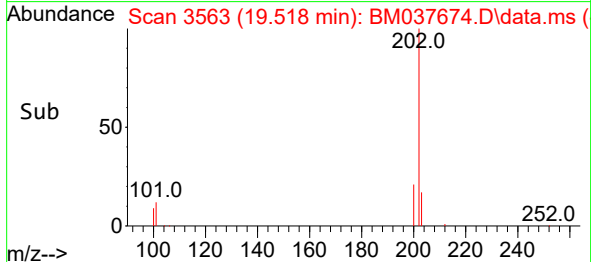
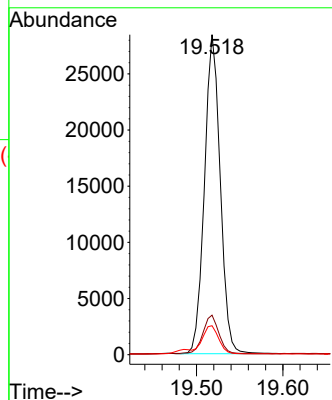
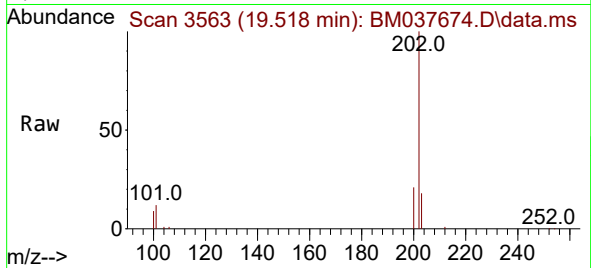




#19
Fluoranthene
Concen: 0.420 ng/ul
RT: 19.518 min Scan# 3563
Delta R.T. -0.003 min
Lab File: BM037674.D
Acq: 23 Nov 2022 11:19

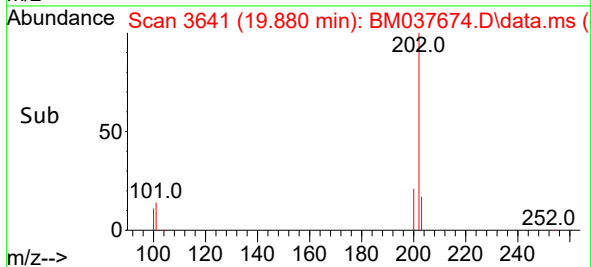
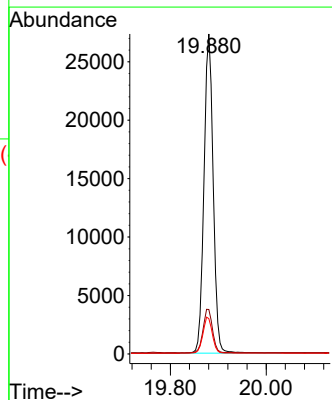
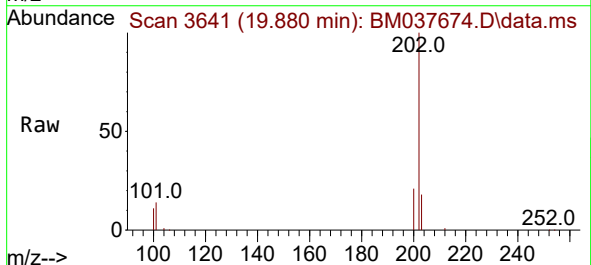
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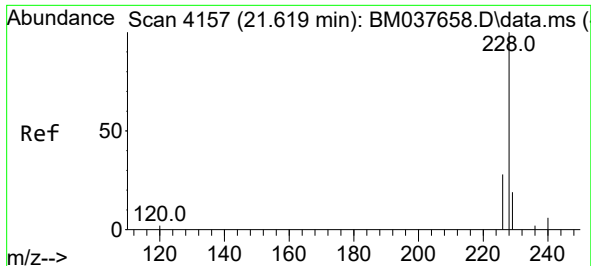
Tgt Ion:202 Resp: 36066
Ion Ratio Lower Upper
202 100
101 12.3 8.2 12.2#
100 9.1 6.1 9.1



#20
Pyrene
Concen: 0.409 ng/ul
RT: 19.880 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BM037674.D
Acq: 23 Nov 2022 11:19

Tgt Ion:202 Resp: 36506
Ion Ratio Lower Upper
202 100
101 13.9 10.1 15.1
100 11.1 8.0 12.0

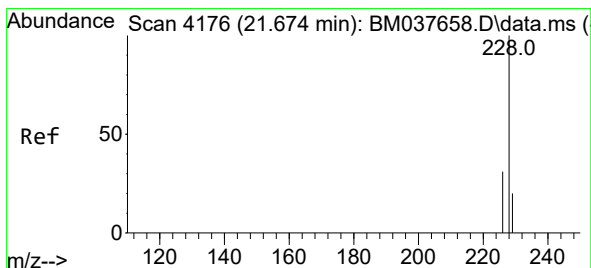
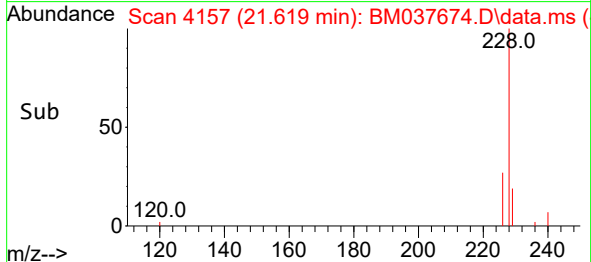
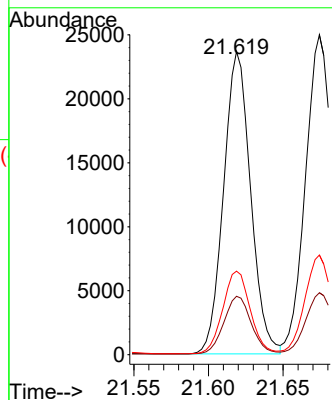
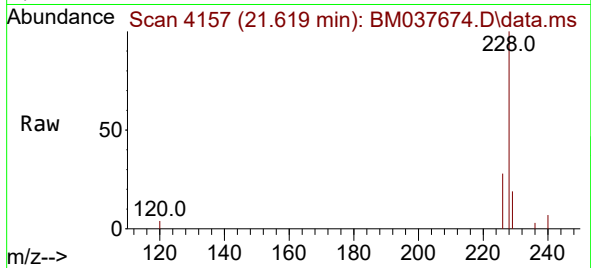




#21
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.619 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM037674.D
Acq: 23 Nov 2022 11:19

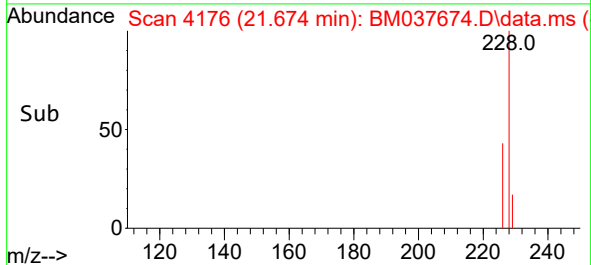
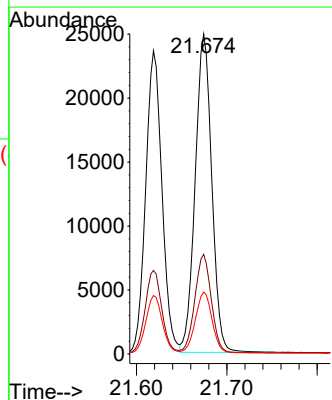
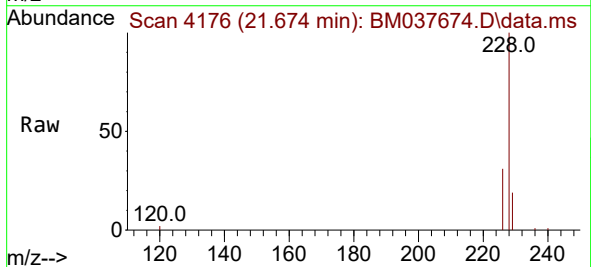
Instrument :
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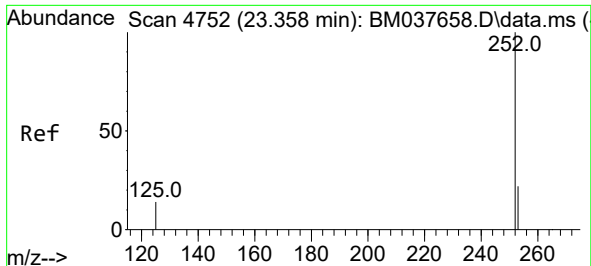
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Ion Ratio Lower Upper
228 100
229 19.2 15.7 23.5
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.674 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM037674.D
Acq: 23 Nov 2022 11:19

Tgt Ion:228 Resp: 31678
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 19.4 15.5 23.3

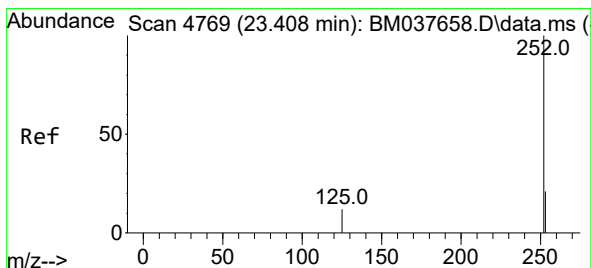
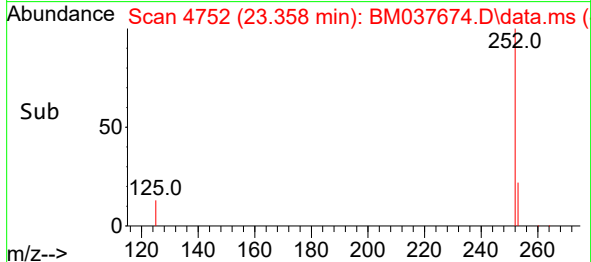
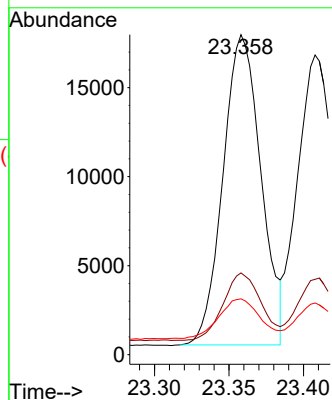
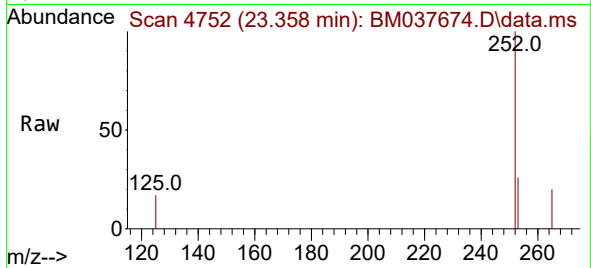




#24
Benzo(b)fluoranthene
Concen: 0.453 ng/ul
RT: 23.358 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BM037674.D
Acq: 23 Nov 2022 11:19

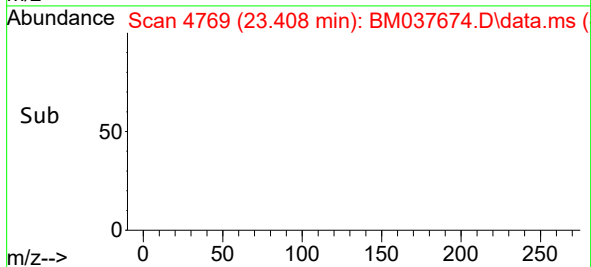
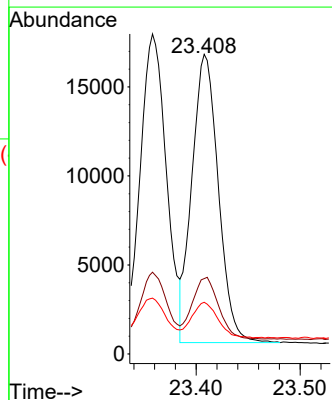
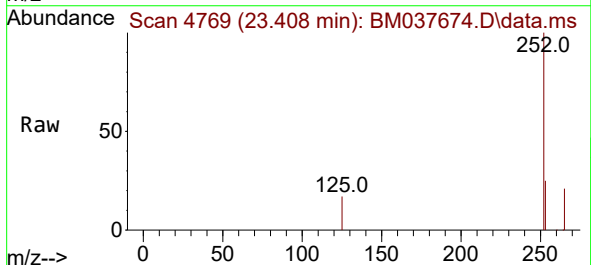
Instrument :
BNA_M
ClientSampleId :
SLCS045

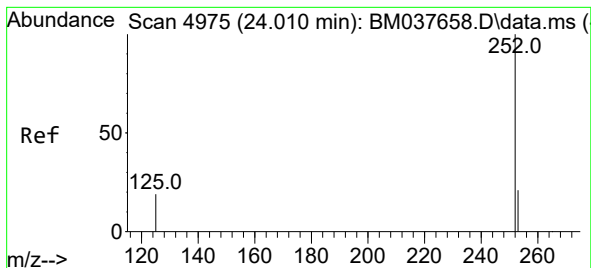
Tgt Ion:252 Resp: 30895
Ion Ratio Lower Upper
252 100
253 25.6 0.0 46.2
125 17.4 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.415 ng/ul
RT: 23.408 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM037674.D
Acq: 23 Nov 2022 11:19

Tgt Ion:252 Resp: 28550
Ion Ratio Lower Upper
252 100
253 25.2 18.8 28.2
125 17.2 9.8 14.6#





#26

Benzo(a)pyrene

Concen: 0.425 ng/ul

RT: 24.010 min Scan# 4975

Delta R.T. -0.003 min

Lab File: BM037674.D

Acq: 23 Nov 2022 11:19

Instrument :

BNA_M

ClientSampleId :

SLCS045

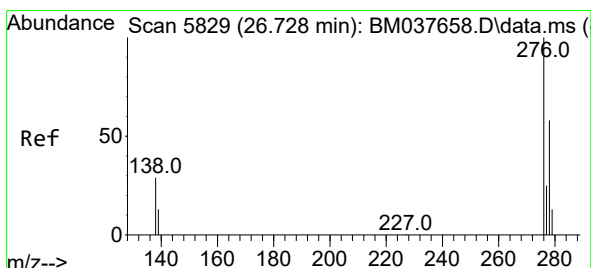
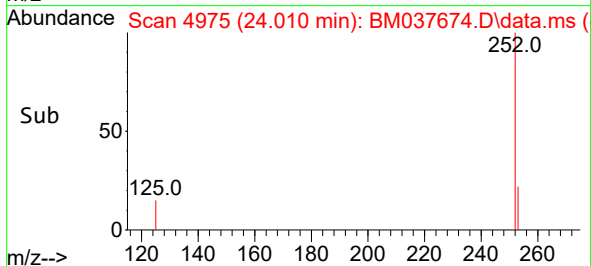
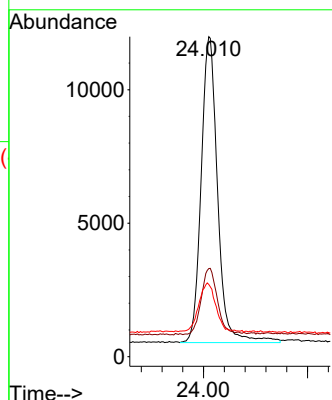
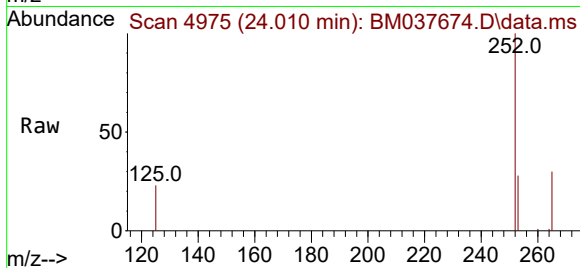
Tgt Ion:252 Resp: 25197

Ion Ratio Lower Upper

252 100

253 27.5 18.8 28.2

125 22.6 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.387 ng/ul

RT: 26.724 min Scan# 5828

Delta R.T. -0.004 min

Lab File: BM037674.D

Acq: 23 Nov 2022 11:19

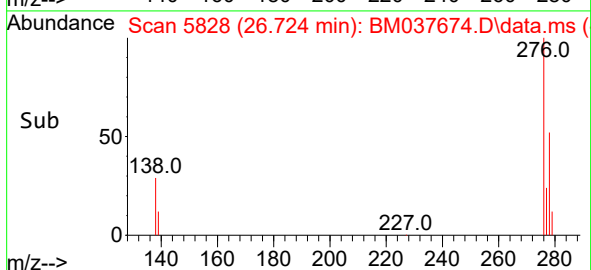
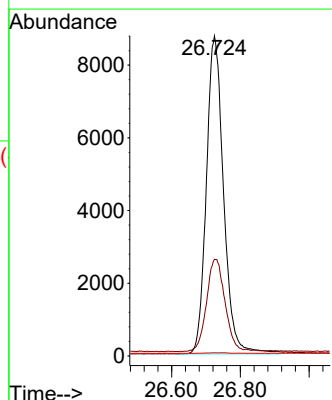
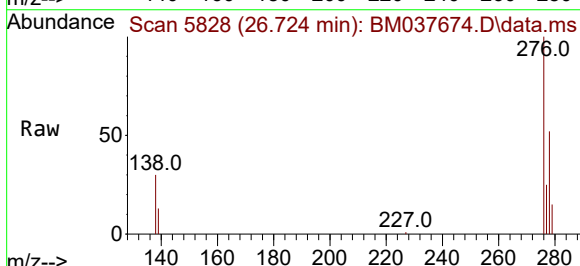
Tgt Ion:276 Resp: 30385

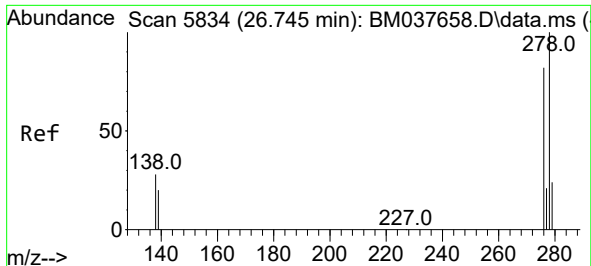
Ion Ratio Lower Upper

276 100

138 31.5 21.2 31.8

227 0.0 0.1 0.1#

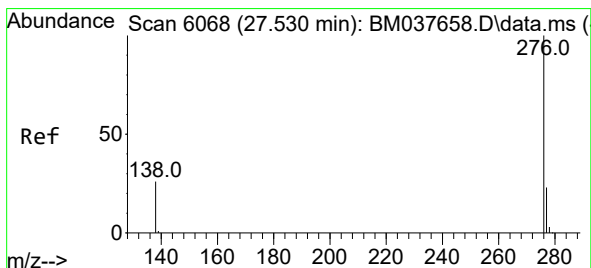
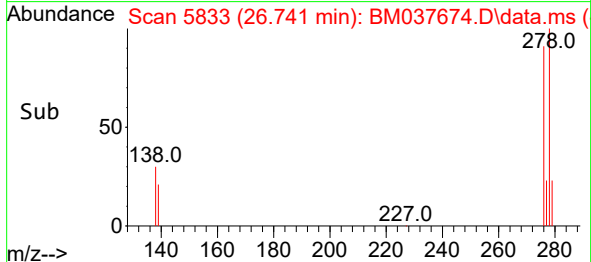
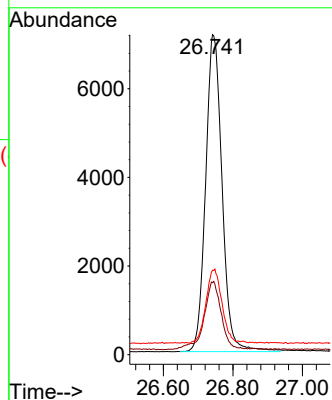
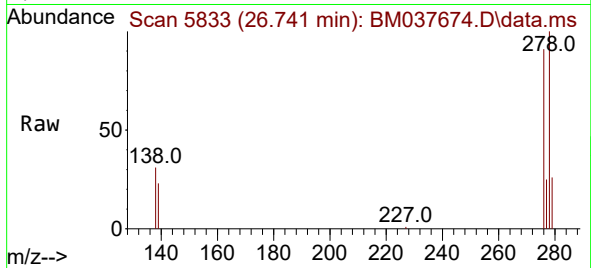




#28
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 26.741 min Scan# 5834
Delta R.T. -0.007 min
Lab File: BM037674.D
Acq: 23 Nov 2022 11:19

Instrument :
BNA_M
ClientSampleId :
SLCS045

Tgt Ion:278 Resp: 23525
Ion Ratio Lower Upper
278 100
139 22.5 15.2 22.8
279 26.4 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.381 ng/ul
RT: 27.526 min Scan# 6067
Delta R.T. -0.007 min
Lab File: BM037674.D
Acq: 23 Nov 2022 11:19

Tgt Ion:276 Resp: 25408
Ion Ratio Lower Upper
276 100
138 28.4 19.0 28.4
277 23.8 19.4 29.2

