

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037645.D
 Acq On : 22 Nov 2022 17:00
 Operator : CG/JU
 Sample : PB149043BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS043

Quant Time: Nov 22 22:52:17 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)

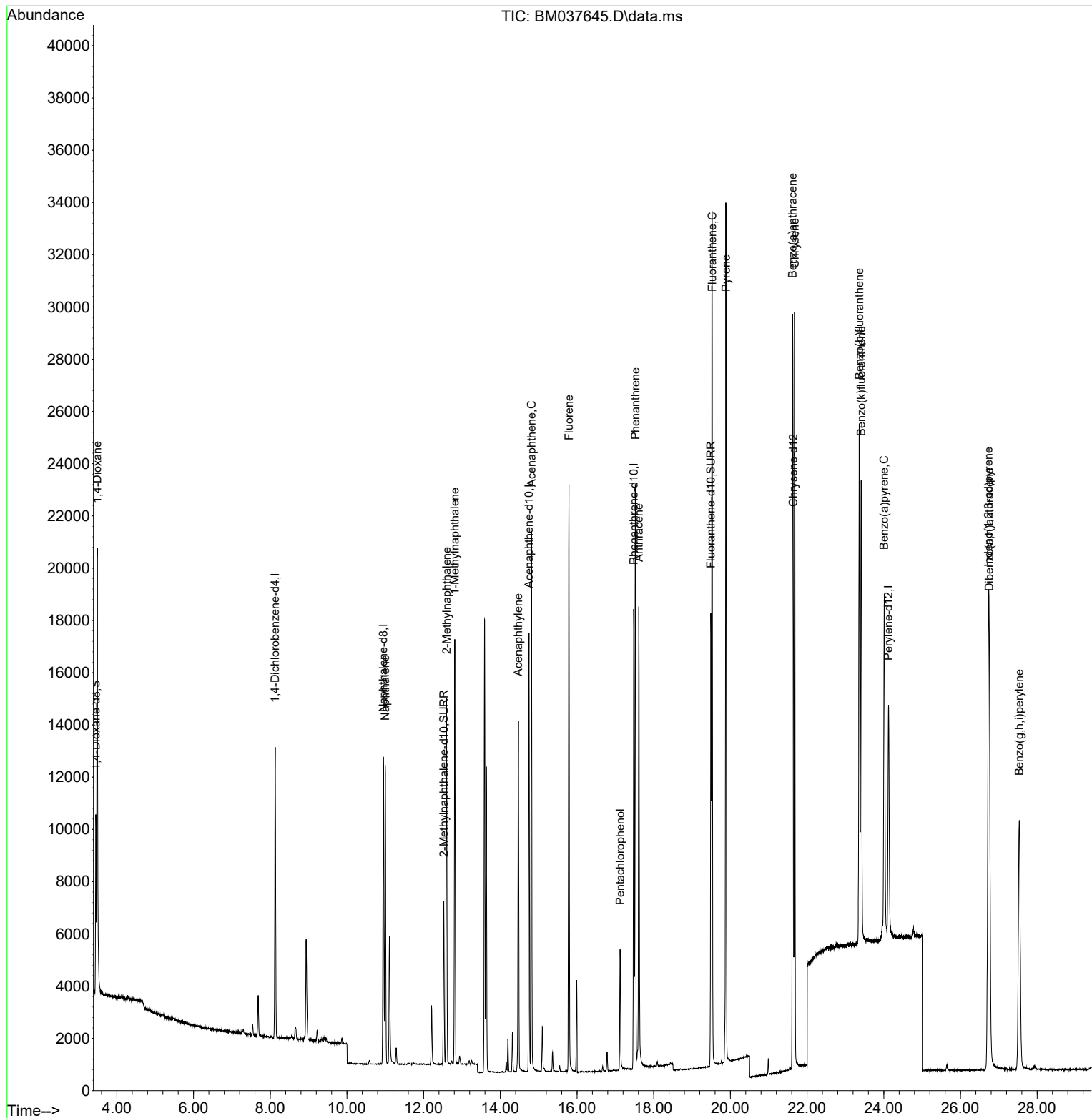
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	5431	0.400	ng/ul	0.00
4) Naphthalene-d8	10.948	136	15084	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.747	164	8791	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.479	188	20274	0.400	ng/ul	0.00
17) Chrysene-d12	21.639	240	14489	0.400	ng/ul #	0.00
23) Perylene-d12	24.124	264	13065	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	4290	0.679	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.526	152	7887	0.315	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	17722	0.370	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.488	88	11162	1.698	ng/ul#	51
5) Naphthalene	10.997	128	15306	0.334	ng/ul	99
7) 2-Methylnaphthalene	12.597	142	9814	0.315	ng/ul	100
8) 1-Methylnaphthalene	12.812	142	10419	0.326	ng/ul	99
10) Acenaphthylene	14.470	152	14618	0.300	ng/ul	99
11) Acenaphthene	14.812	153	11752	0.345	ng/ul	98
12) Fluorene	15.788	166	13818	0.337	ng/ul	99
14) Pentachlorophenol	17.124	266	3024	0.665	ng/ul	99
15) Phenanthrene	17.521	178	23435	0.338	ng/ul	99
16) Anthracene	17.614	178	20152	0.301	ng/ul	99
19) Fluoranthene	19.523	202	26749	0.383	ng/ul	95
20) Pyrene	19.885	202	27319	0.376	ng/ul	99
21) Benzo(a)anthracene	21.622	228	22861	0.353	ng/ul	100
22) Chrysene	21.674	228	24793	0.386	ng/ul	99
24) Benzo(b)fluoranthene	23.361	252	26287	0.441	ng/ul	91
25) Benzo(k)fluoranthene	23.411	252	23858	0.397	ng/ul#	91
26) Benzo(a)pyrene	24.013	252	21024	0.406	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.731	276	26261	0.383	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.751	278	20355	0.377	ng/ul	95
29) Benzo(g,h,i)perylene	27.536	276	22282	0.382	ng/ul	96

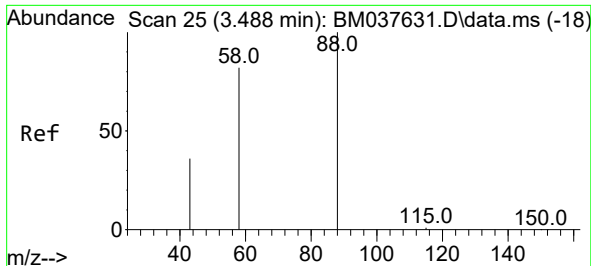
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 22 22:52:17 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

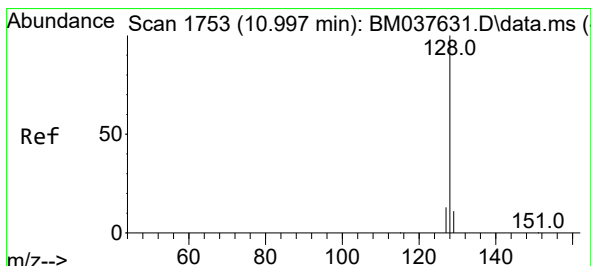
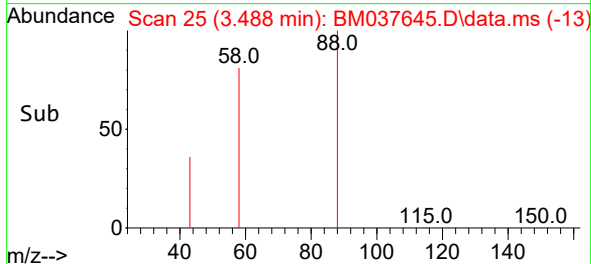
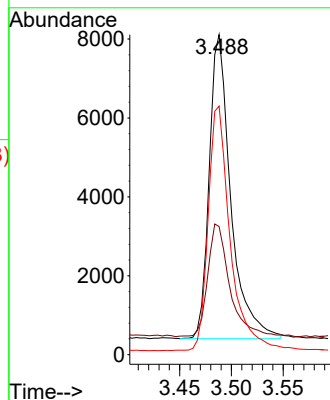
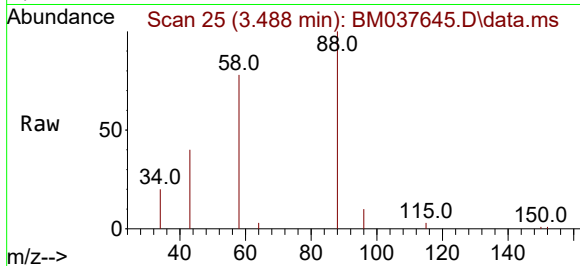




#2
1,4-Dioxane
Concen: 1.698 ng/ul
RT: 3.488 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

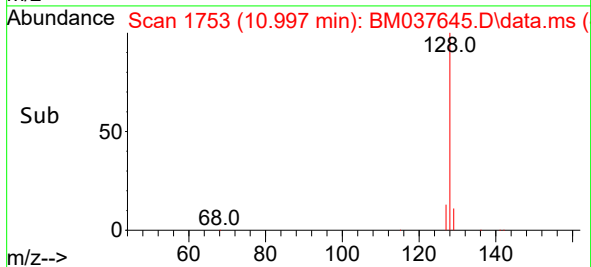
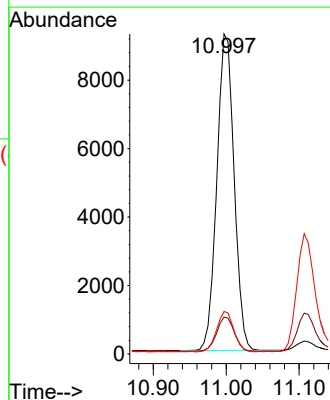
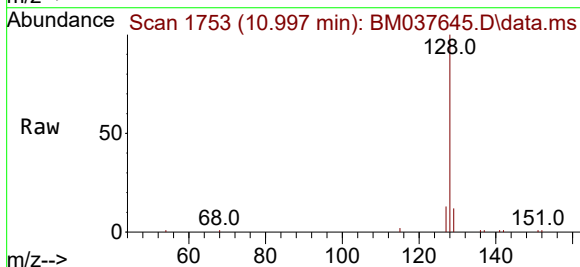
Instrument :
BNA_M
ClientSampleId :
SLCS043

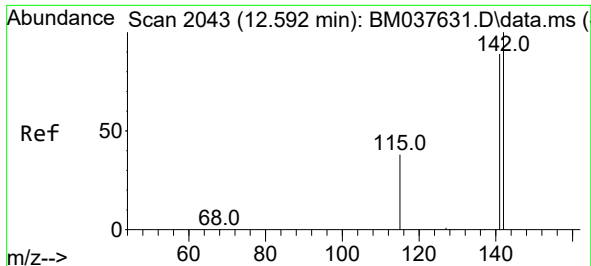
Tgt Ion: 88 Resp: 11162
Ion Ratio Lower Upper
88 100
43 40.1 102.8 154.2#
58 77.7 67.3 100.9



#5
Naphthalene
Concen: 0.334 ng/ul
RT: 10.997 min Scan# 1753
Delta R.T. -0.004 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Tgt Ion: 128 Resp: 15306
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.8
127 13.3 11.0 16.4

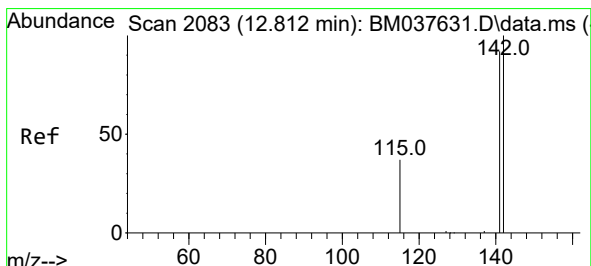
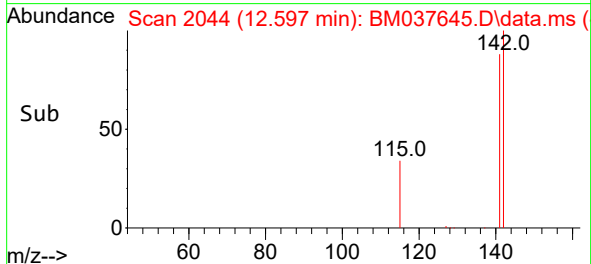
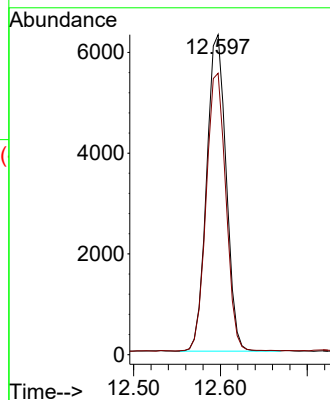
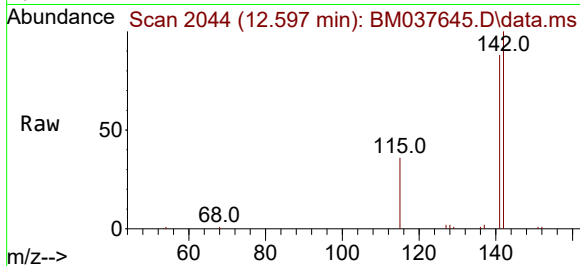




#7
2-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.597 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

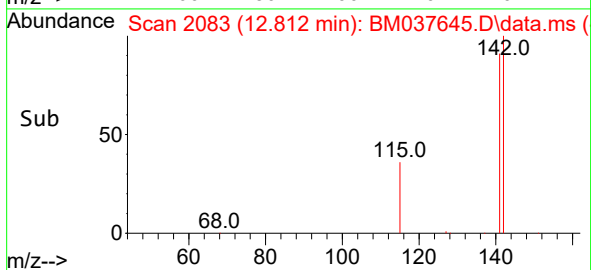
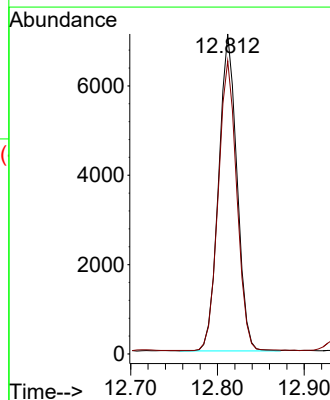
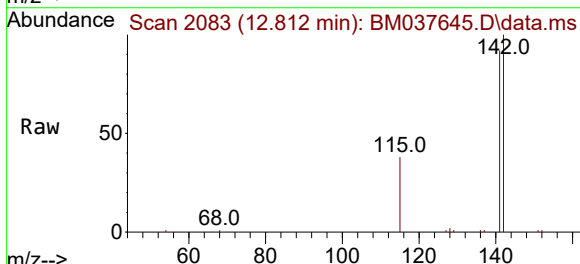
Instrument :
BNA_M
ClientSampleId :
SLCS043

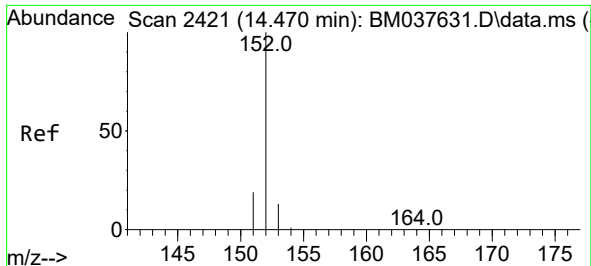
Tgt Ion:142 Resp: 9814
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.812 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Tgt Ion:142 Resp: 10419
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.0

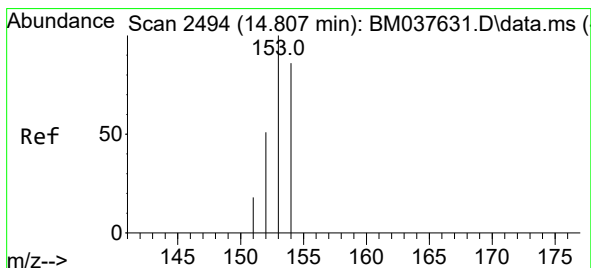
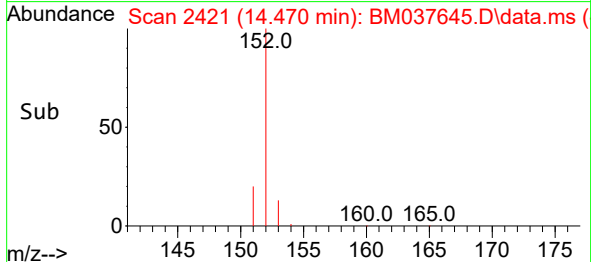
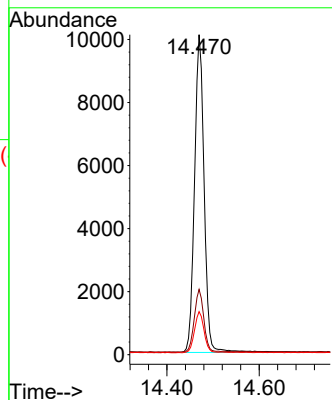
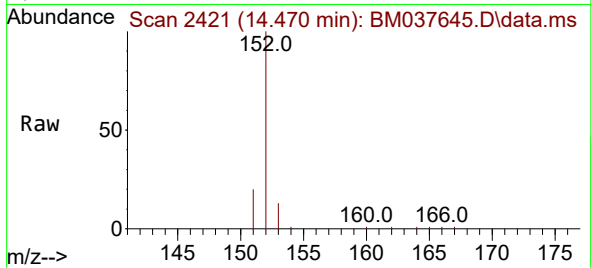




#10
Acenaphthylene
Concen: 0.300 ng/ul
RT: 14.470 min Scan# 2421
Delta R.T. 0.001 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

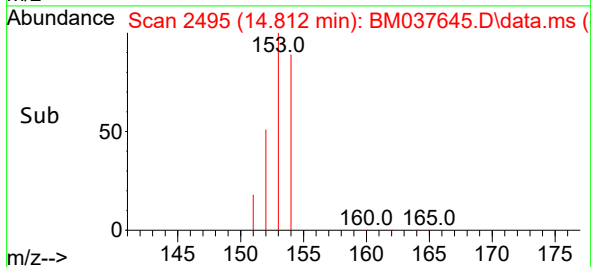
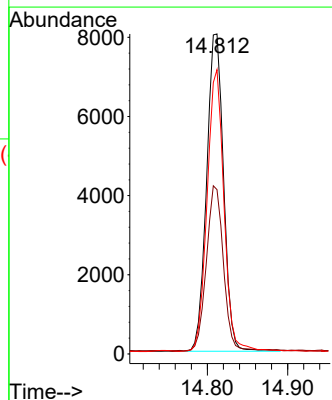
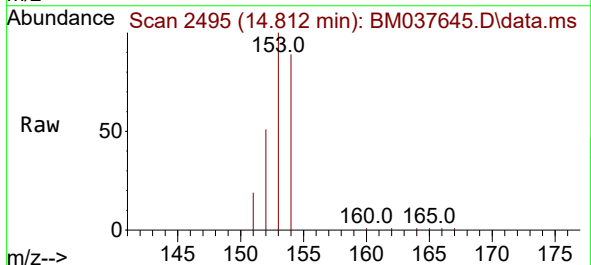
Instrument :
BNA_M
ClientSampleId :
SLCS043

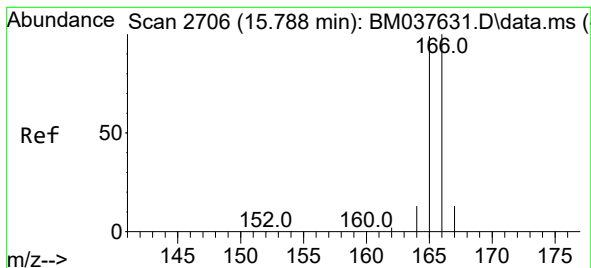
Tgt Ion:152 Resp: 14618
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.5 11.0 16.4



#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.812 min Scan# 2495
Delta R.T. 0.001 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Tgt Ion:153 Resp: 11752
Ion Ratio Lower Upper
153 100
152 51.4 39.4 59.0
154 88.8 69.5 104.3





#12

Fluorene

Concen: 0.337 ng/ul

RT: 15.788 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM037645.D

Acq: 22 Nov 2022 17:00

Instrument :

BNA_M

ClientSampleId :

SLCS043

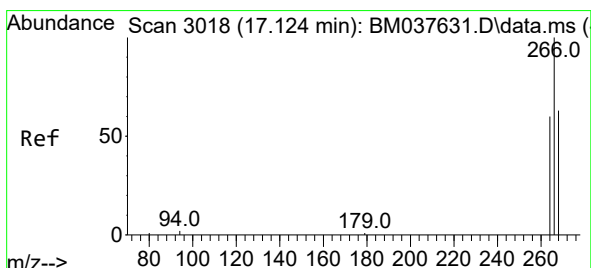
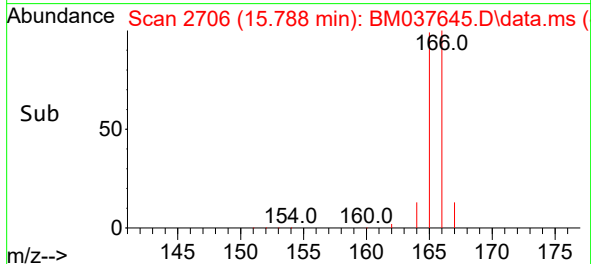
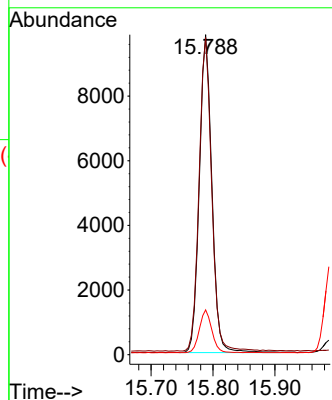
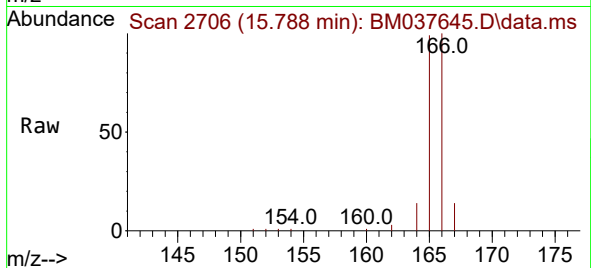
Tgt Ion:166 Resp: 13818

Ion Ratio Lower Upper

166 100

165 99.1 78.7 118.1

167 14.0 11.3 16.9



#14

Pentachlorophenol

Concen: 0.665 ng/ul

RT: 17.124 min Scan# 3018

Delta R.T. -0.003 min

Lab File: BM037645.D

Acq: 22 Nov 2022 17:00

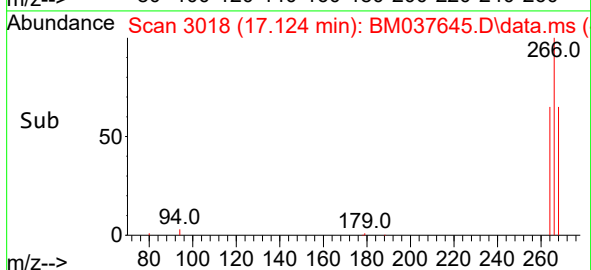
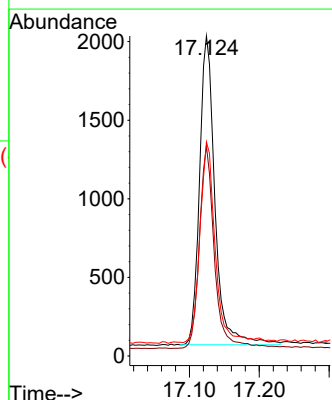
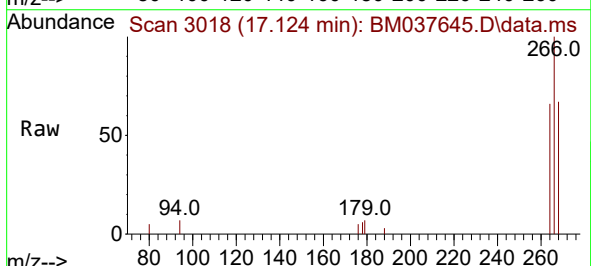
Tgt Ion:266 Resp: 3024

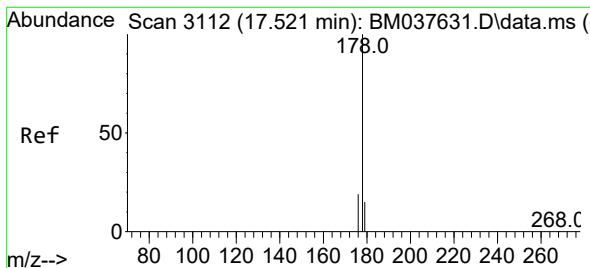
Ion Ratio Lower Upper

266 100

264 64.2 50.2 75.2

268 64.5 52.0 78.0





#15

Phenanthrene

Concen: 0.338 ng/ul

RT: 17.521 min Scan# 3112

Delta R.T. -0.003 min

Lab File: BM037645.D

Acq: 22 Nov 2022 17:00

Instrument :

BNA_M

ClientSampleId :

SLCS043

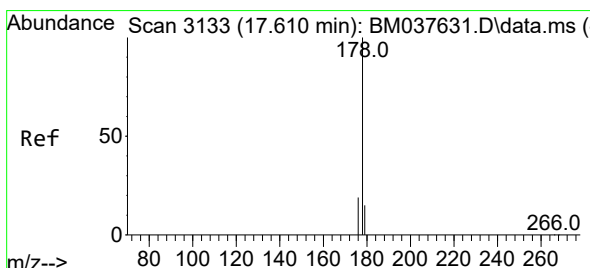
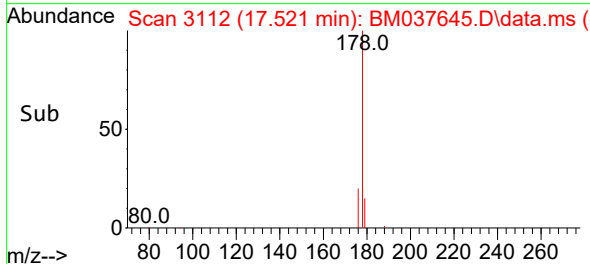
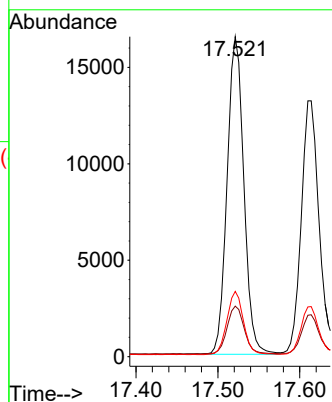
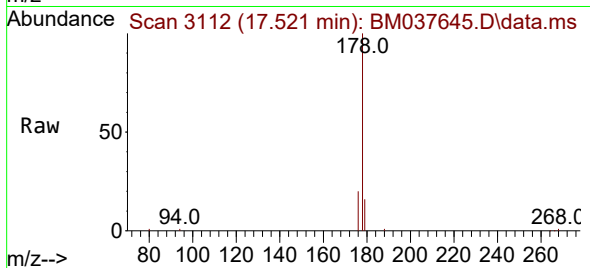
Tgt Ion:178 Resp: 23435

Ion Ratio Lower Upper

178 100

179 15.8 12.6 18.8

176 20.4 16.0 24.0



#16

Anthracene

Concen: 0.301 ng/ul

RT: 17.614 min Scan# 3134

Delta R.T. 0.001 min

Lab File: BM037645.D

Acq: 22 Nov 2022 17:00

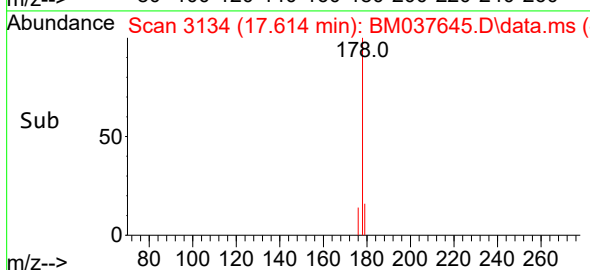
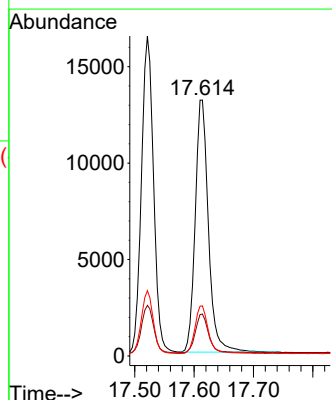
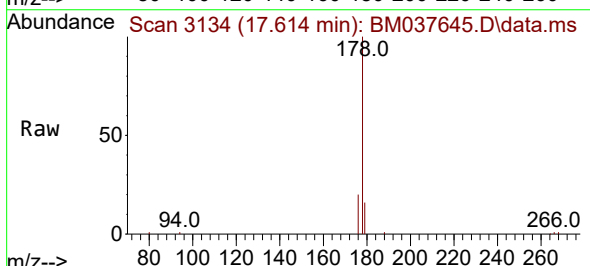
Tgt Ion:178 Resp: 20152

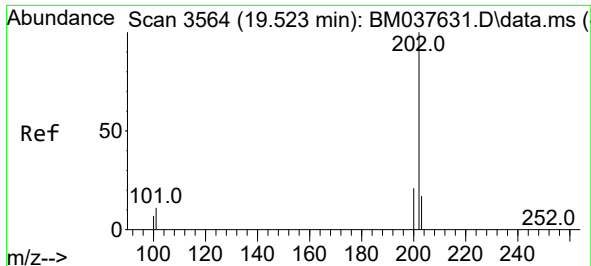
Ion Ratio Lower Upper

178 100

179 16.4 12.8 19.2

176 19.5 15.0 22.6

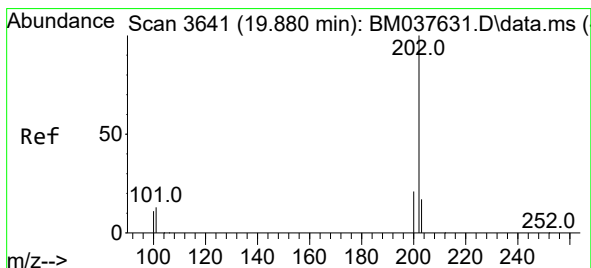
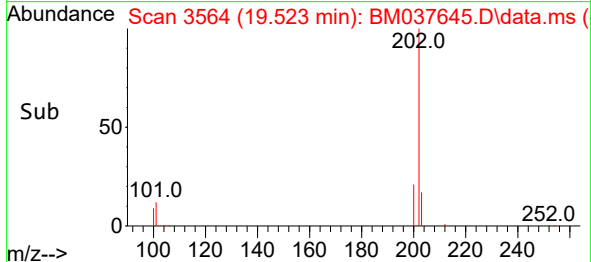
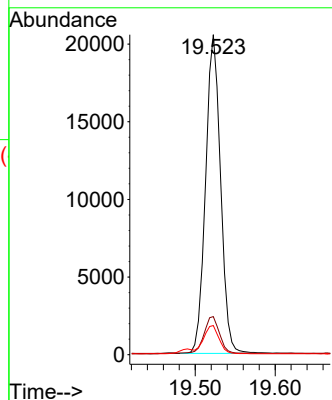
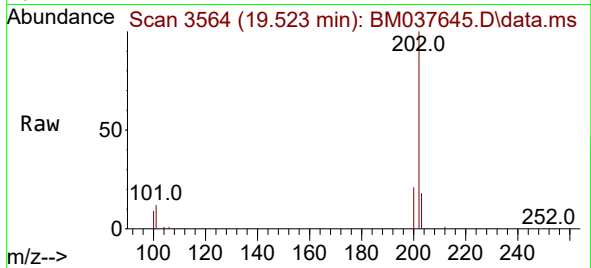




#19
Fluoranthene
Concen: 0.383 ng/u1
RT: 19.523 min Scan# 3564
Delta R.T. 0.001 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

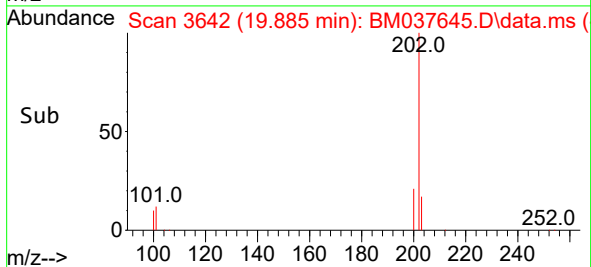
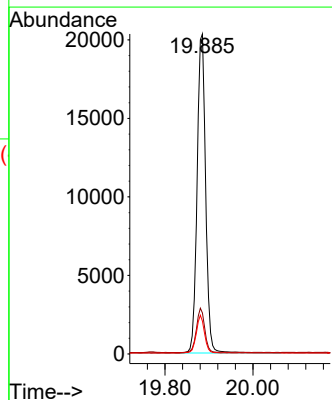
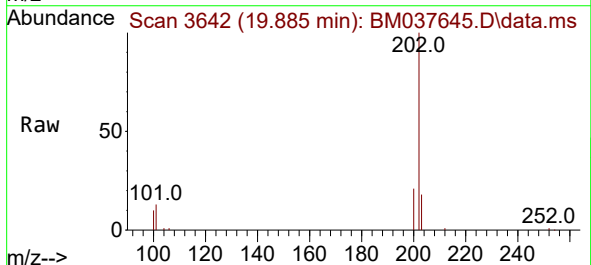
Instrument :
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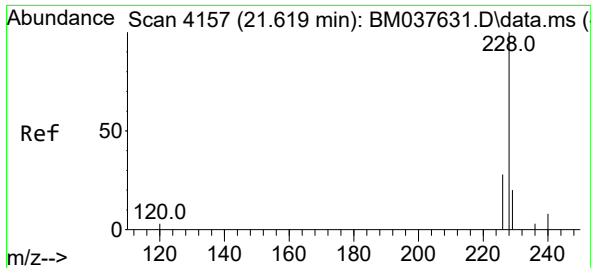
Tgt Ion:202 Resp: 26749
Ion Ratio Lower Upper
202 100
101 11.9 8.2 12.2
100 9.1 6.1 9.1



#20
Pyrene
Concen: 0.376 ng/u1
RT: 19.885 min Scan# 3642
Delta R.T. 0.001 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Tgt Ion:202 Resp: 27319
Ion Ratio Lower Upper
202 100
101 12.8 10.1 15.1
100 10.3 8.0 12.0

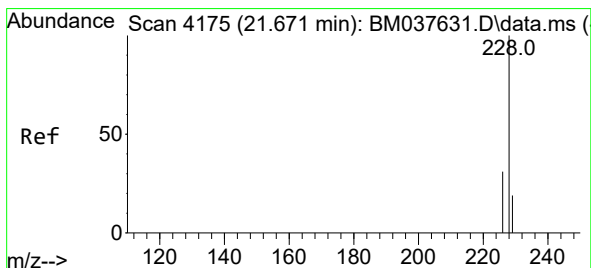
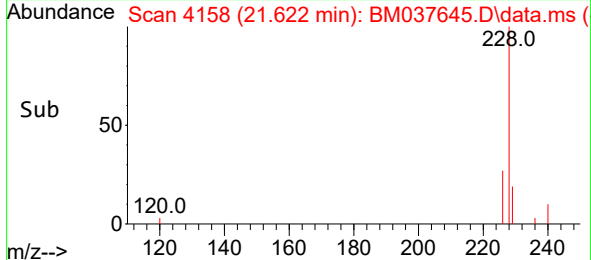
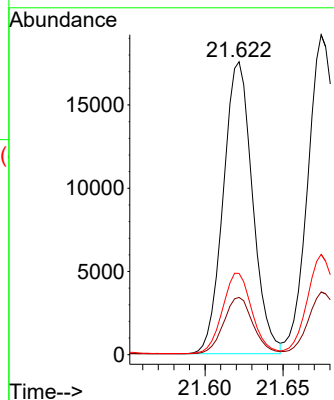
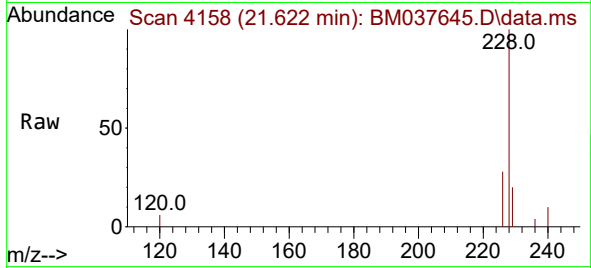




#21
Benzo(a)anthracene
Concen: 0.353 ng/ul
RT: 21.622 min Scan# 4157
Delta R.T. -0.000 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

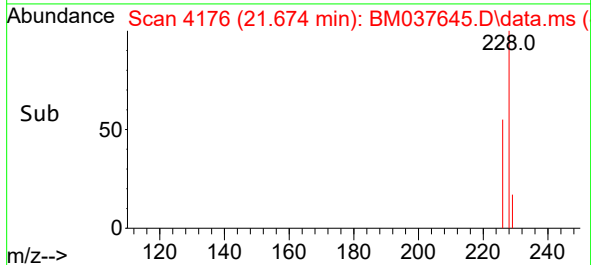
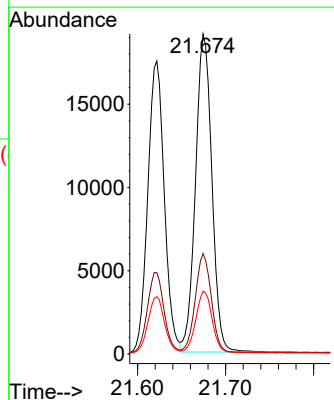
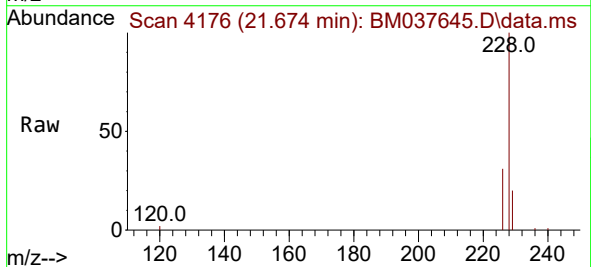
Instrument :
BNA_M
ClientSampleId :
SLCS043

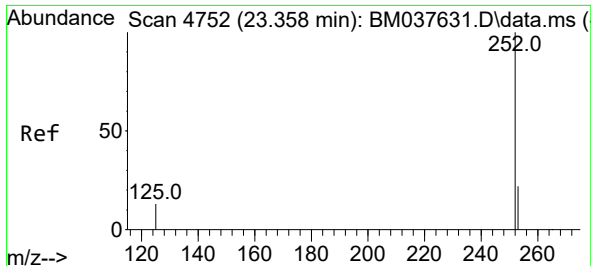
Tgt Ion:228	Resp:	22861
Ion Ratio	Lower	Upper
228	100	
229	19.6	15.7 23.5
226	27.8	22.2 33.2



#22
Chrysene
Concen: 0.386 ng/ul
RT: 21.674 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Tgt Ion:228	Resp:	24793
Ion Ratio	Lower	Upper
228	100	
226	31.4	24.6 37.0
229	19.6	15.5 23.3

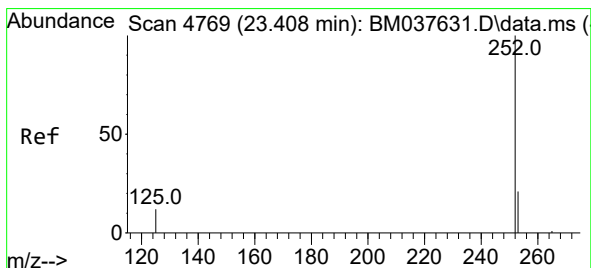
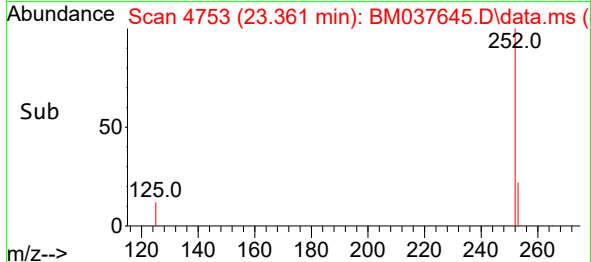
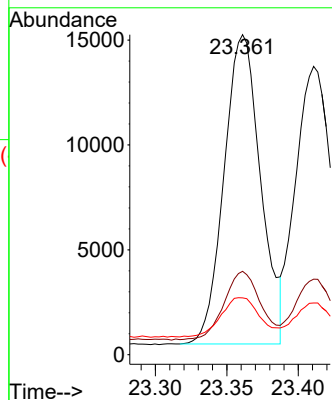
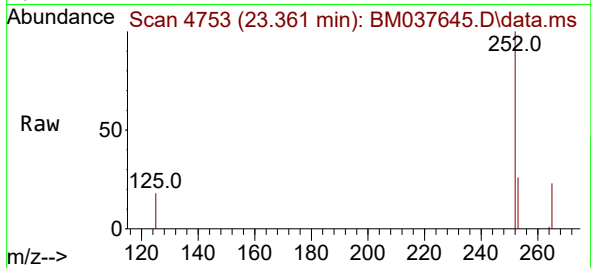




#24
Benzo(b)fluoranthene
Concen: 0.441 ng/ul
RT: 23.361 min Scan# 4753
Delta R.T. -0.000 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

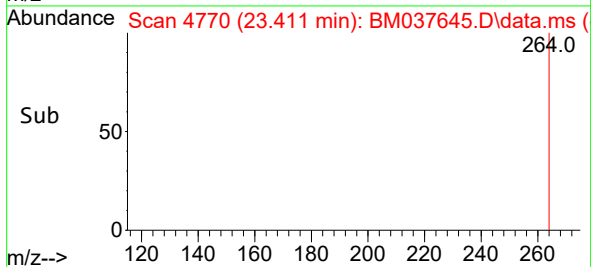
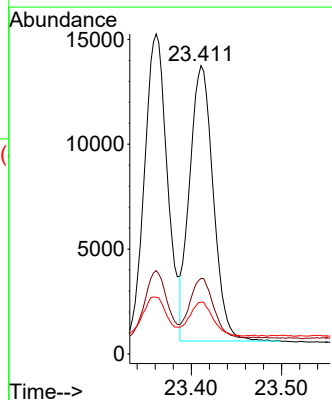
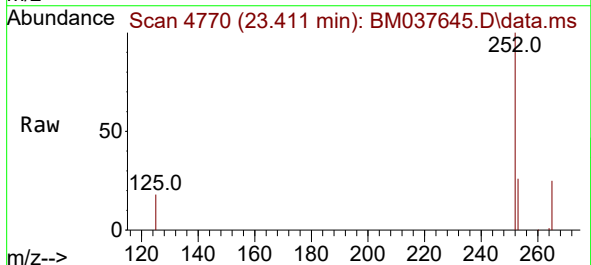
Instrument :
BNA_M
ClientSampleId :
SLCS043

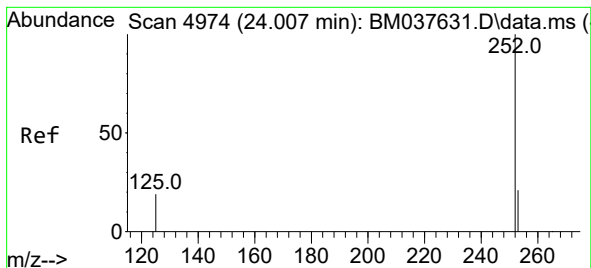
Tgt Ion:252 Resp: 26287
Ion Ratio Lower Upper
252 100
253 26.1 0.0 46.2
125 17.8 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 23.411 min Scan# 4770
Delta R.T. -0.000 min
Lab File: BM037645.D
Acq: 22 Nov 2022 17:00

Tgt Ion:252 Resp: 23858
Ion Ratio Lower Upper
252 100
253 26.2 18.8 28.2
125 17.9 9.8 14.6#





#26

Benzo(a)pyrene

Concen: 0.406 ng/ul

RT: 24.013 min Scan# 4974

Delta R.T. -0.000 min

Lab File: BM037645.D

Acq: 22 Nov 2022 17:00

Instrument :

BNA_M

ClientSampleId :

SLCS043

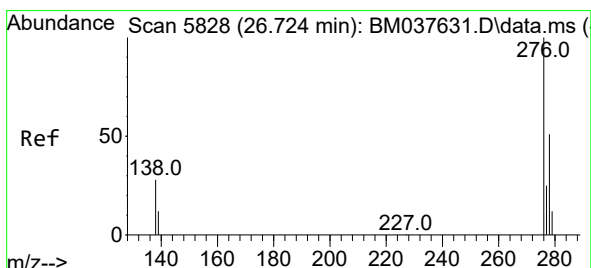
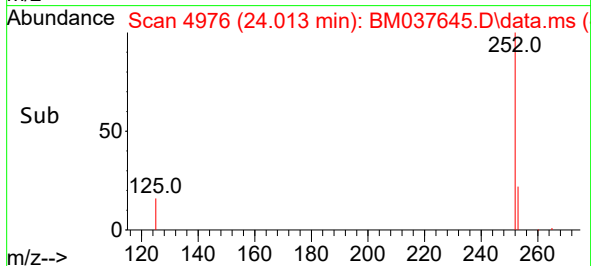
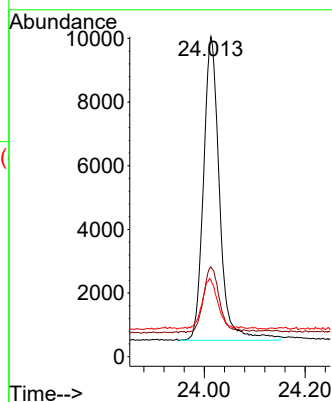
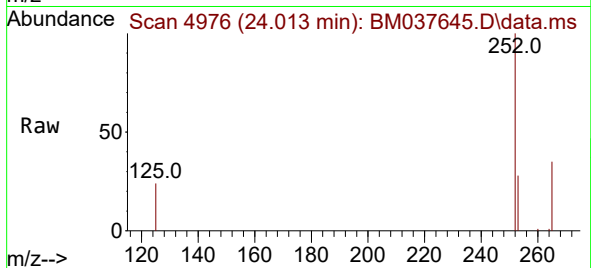
Tgt Ion:252 Resp: 21024

Ion Ratio Lower Upper

252 100

253 28.1 18.8 28.2

125 23.9 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.383 ng/ul

RT: 26.731 min Scan# 5830

Delta R.T. 0.003 min

Lab File: BM037645.D

Acq: 22 Nov 2022 17:00

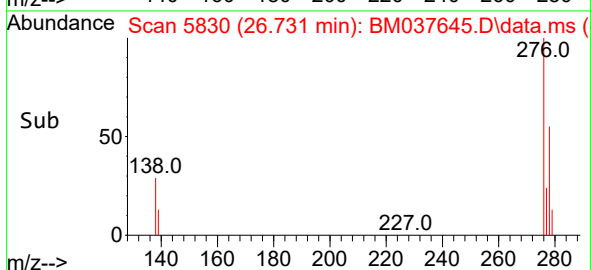
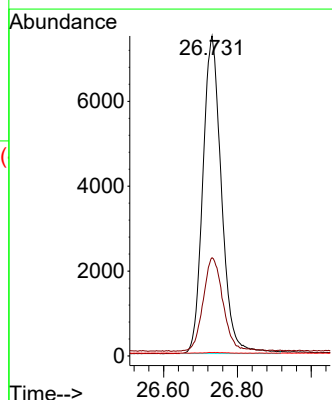
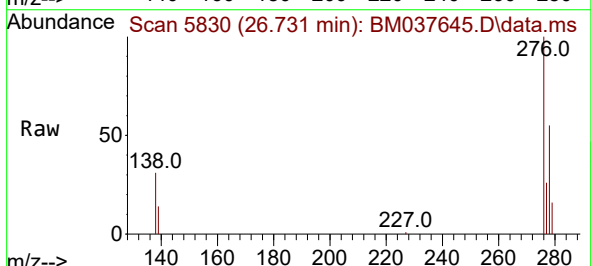
Tgt Ion:276 Resp: 26261

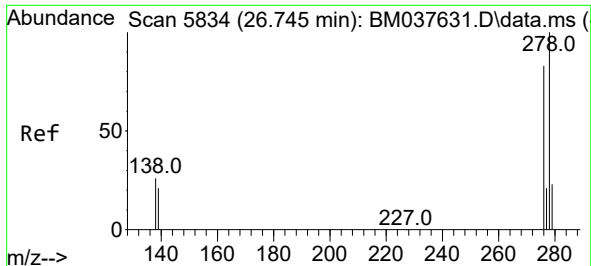
Ion Ratio Lower Upper

276 100

138 31.5 21.2 31.8

227 0.1 0.1 0.1#

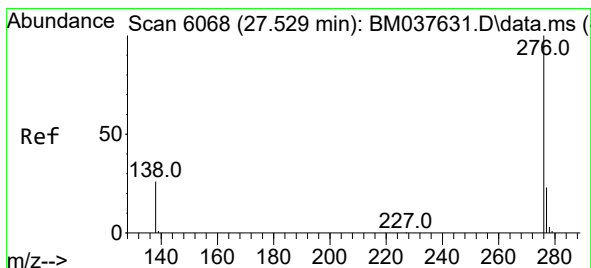
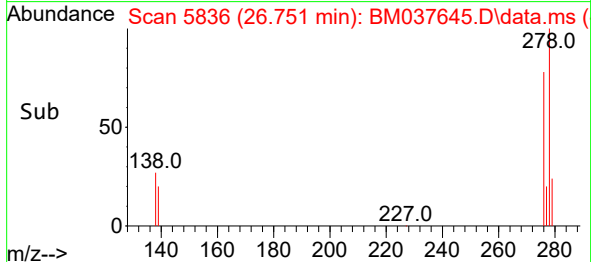
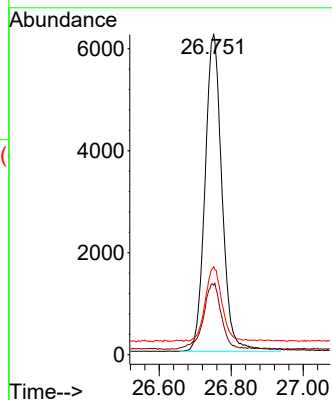
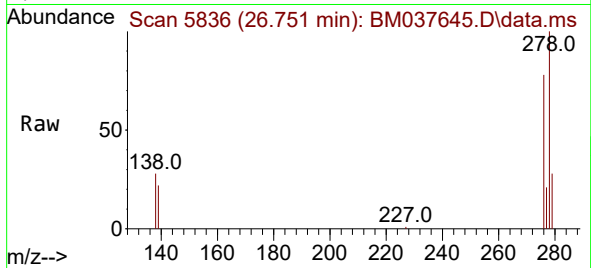




#28
 Dibenzo(a,h)anthracene
 Concen: 0.377 ng/ul
 RT: 26.751 min Scan# 5836
 Delta R.T. 0.003 min
 Lab File: BM037645.D
 Acq: 22 Nov 2022 17:00

Instrument :
 BNA_M
 ClientSampleId :
 SLCS043

Tgt Ion:278 Resp: 20355
 Ion Ratio Lower Upper
 278 100
 139 21.7 15.2 22.8
 279 27.5 20.2 30.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.382 ng/ul
 RT: 27.536 min Scan# 6070
 Delta R.T. 0.003 min
 Lab File: BM037645.D
 Acq: 22 Nov 2022 17:00

Tgt Ion:276 Resp: 22282
 Ion Ratio Lower Upper
 276 100
 138 27.5 19.0 28.4
 277 24.4 19.4 29.2

