

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037644.D
 Acq On : 22 Nov 2022 16:23
 Operator : CG/JU
 Sample : PB149025BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS025

Quant Time: Nov 22 22:52:07 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)

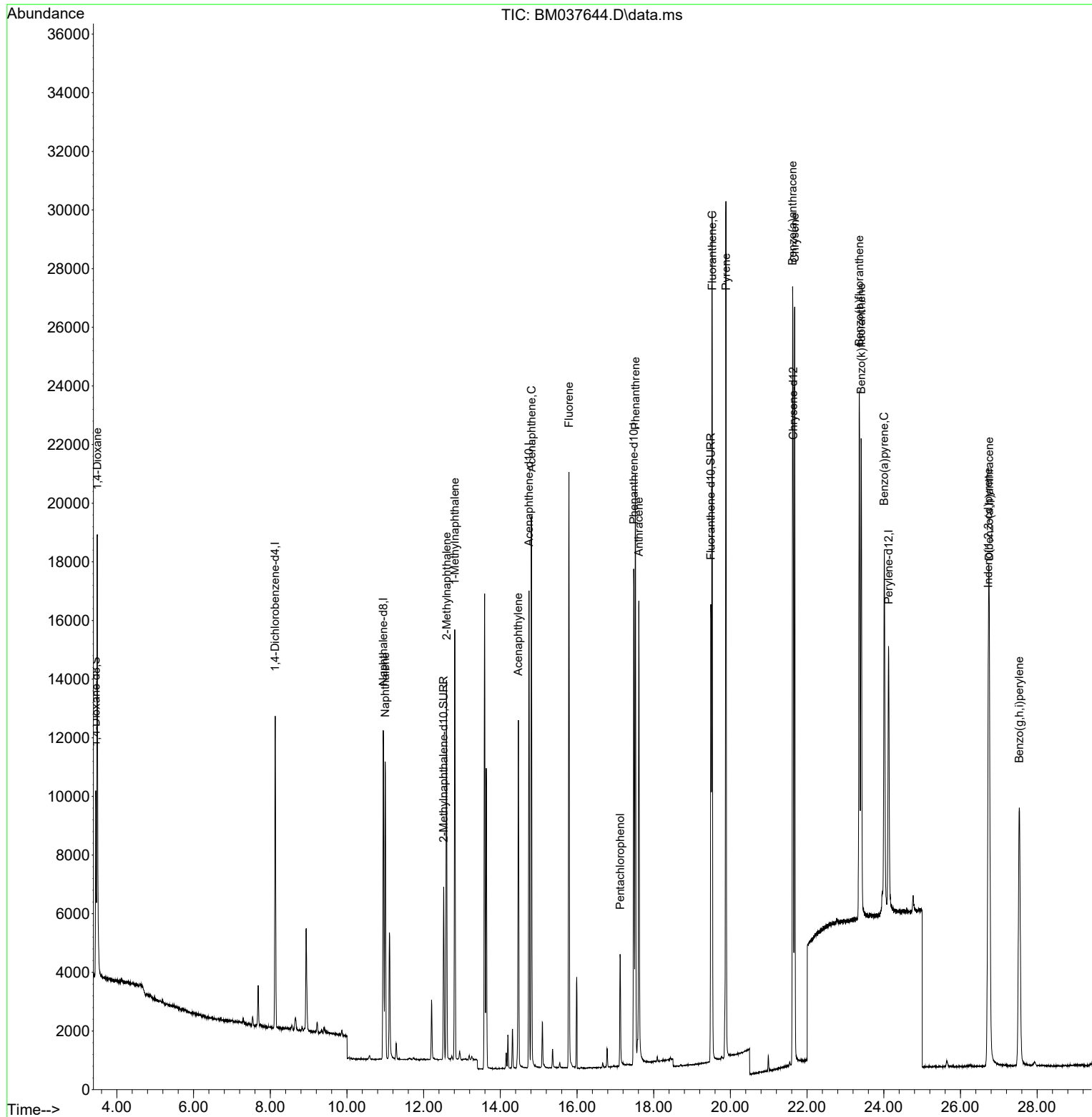
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	5206	0.400	ng/ul	0.00
4) Naphthalene-d8	10.947	136	14429	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.747	164	8461	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.479	188	19220	0.400	ng/ul	0.00
17) Chrysene-d12	21.639	240	13948	0.400	ng/ul #	0.00
23) Perylene-d12	24.127	264	12793	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	4142	0.684	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.520	152	7325	0.306	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	16331	0.354	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.488	88	10146	1.611	ng/ul#	51
5) Naphthalene	10.997	128	13832	0.316	ng/ul	99
7) 2-Methylnaphthalene	12.597	142	8827	0.296	ng/ul	99
8) 1-Methylnaphthalene	12.812	142	9517	0.312	ng/ul	99
10) Acenaphthylene	14.470	152	13170	0.280	ng/ul	100
11) Acenaphthene	14.812	153	10603	0.323	ng/ul	99
12) Fluorene	15.788	166	12451	0.315	ng/ul	99
14) Pentachlorophenol	17.124	266	2649	0.614	ng/ul	99
15) Phenanthrene	17.521	178	20979	0.319	ng/ul	100
16) Anthracene	17.614	178	18233	0.288	ng/ul	99
19) Fluoranthene	19.523	202	23813	0.354	ng/ul	96
20) Pyrene	19.885	202	24539	0.351	ng/ul	99
21) Benzo(a)anthracene	21.622	228	20534	0.329	ng/ul	99
22) Chrysene	21.677	228	22215	0.359	ng/ul	100
24) Benzo(b)fluoranthene	23.361	252	23551	0.404	ng/ul	90
25) Benzo(k)fluoranthene	23.411	252	21944	0.373	ng/ul#	90
26) Benzo(a)pyrene	24.013	252	19177	0.378	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.728	276	24052	0.358	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.751	278	18510	0.351	ng/ul	94
29) Benzo(g,h,i)perylene	27.536	276	20301	0.356	ng/ul	96

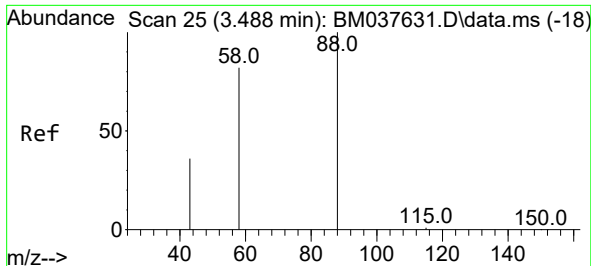
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 22 22:52:07 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

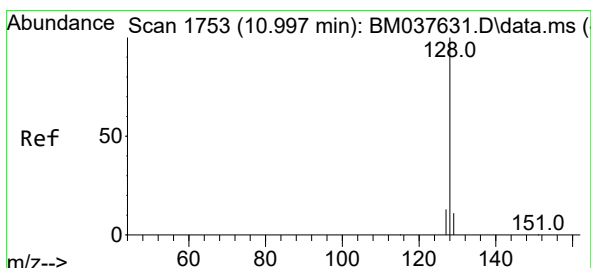
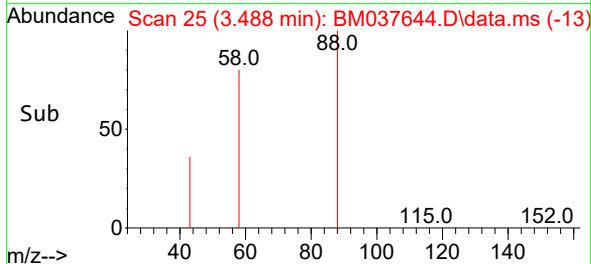
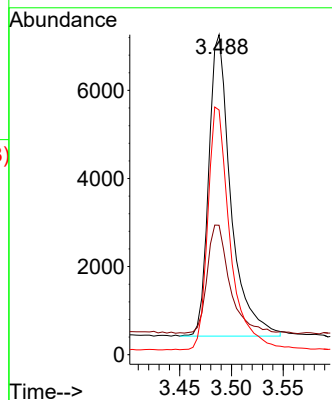
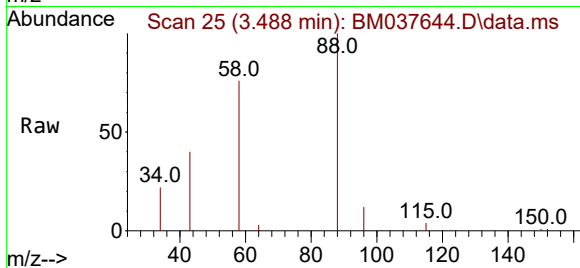




#2
1,4-Dioxane
Concen: 1.611 ng/ul
RT: 3.488 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037644.D
Acq: 22 Nov 2022 16:23

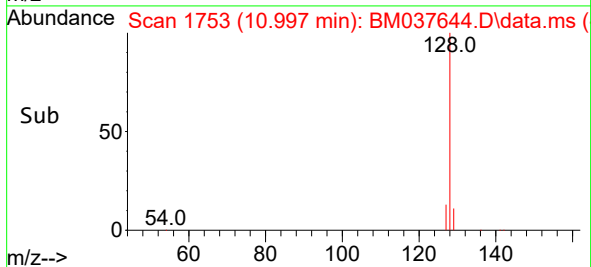
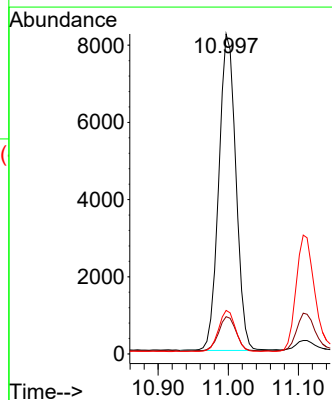
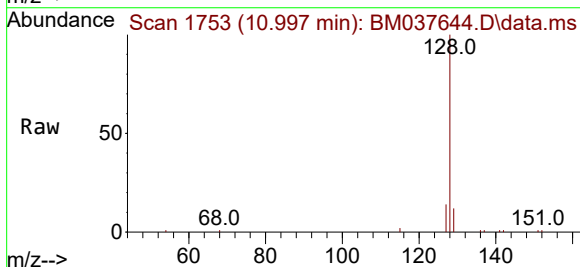
Instrument :
BNA_M
ClientSampleId :
SLCS025

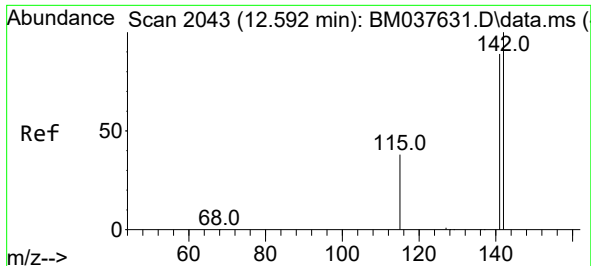
Tgt Ion: 88 Resp: 10146
Ion Ratio Lower Upper
88 100
43 40.4 102.8 154.2#
58 76.4 67.3 100.9



#5
Naphthalene
Concen: 0.316 ng/ul
RT: 10.997 min Scan# 1753
Delta R.T. -0.004 min
Lab File: BM037644.D
Acq: 22 Nov 2022 16:23

Tgt Ion:128 Resp: 13832
Ion Ratio Lower Upper
128 100
129 11.7 9.8 14.8
127 13.6 11.0 16.4

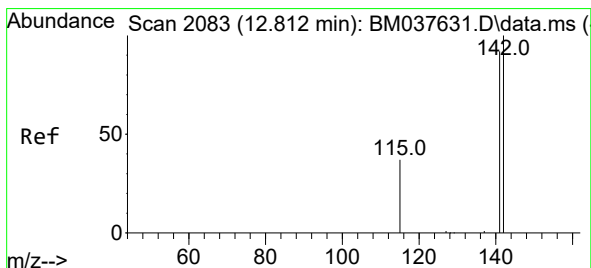
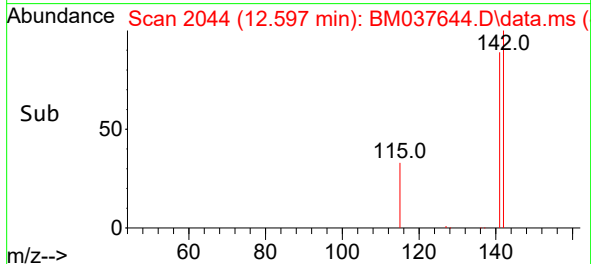
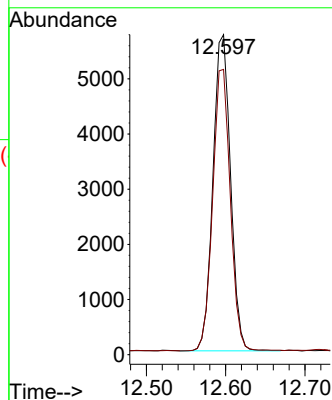
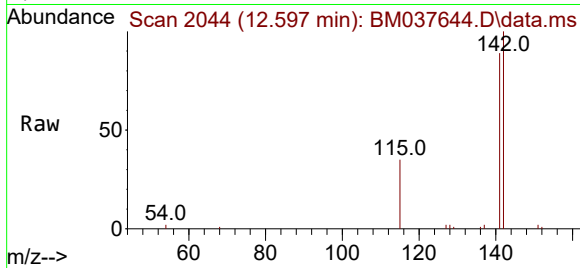




#7
2-Methylnaphthalene
Concen: 0.296 ng/ul
RT: 12.597 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BM037644.D
Acq: 22 Nov 2022 16:23

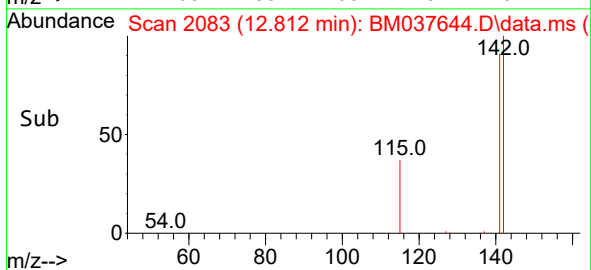
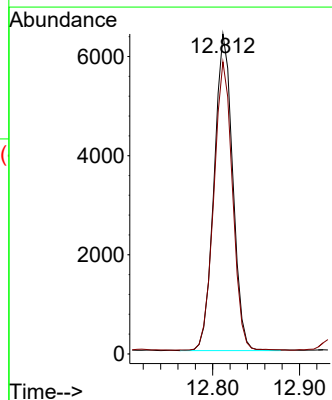
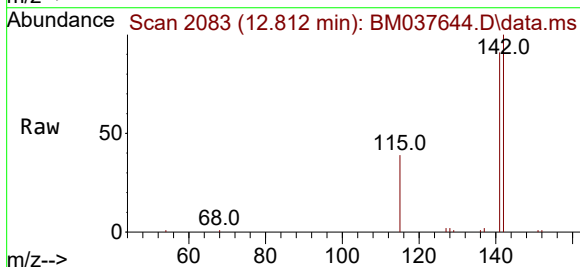
Instrument :
BNA_M
ClientSampleId :
SLCS025

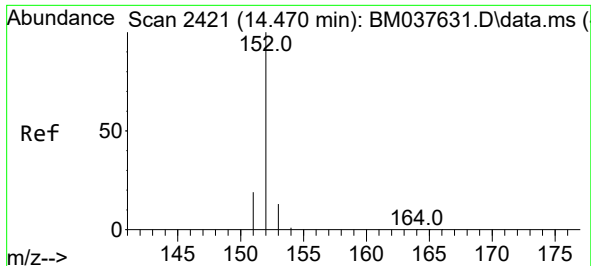
Tgt Ion:142 Resp: 8827
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 12.812 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BM037644.D
Acq: 22 Nov 2022 16:23

Tgt Ion:142 Resp: 9517
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.0

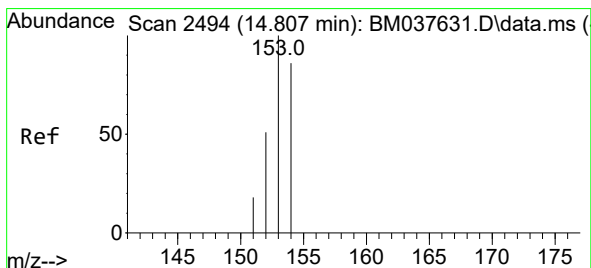
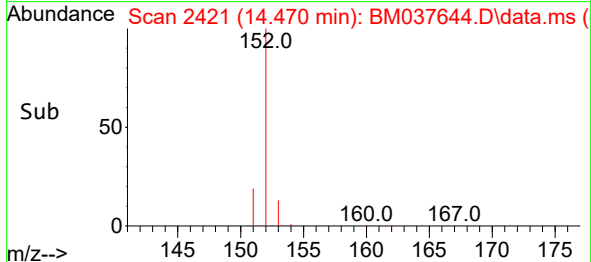
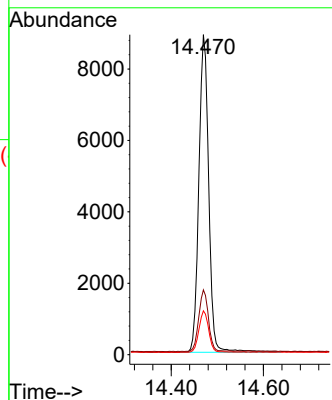
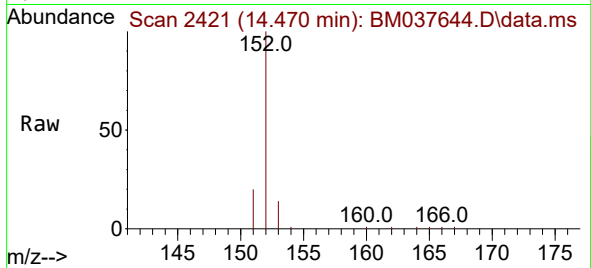




#10
Acenaphthylene
Concen: 0.280 ng/ul
RT: 14.470 min Scan# 2421
Delta R.T. 0.001 min
Lab File: BM037644.D
Acq: 22 Nov 2022 16:23

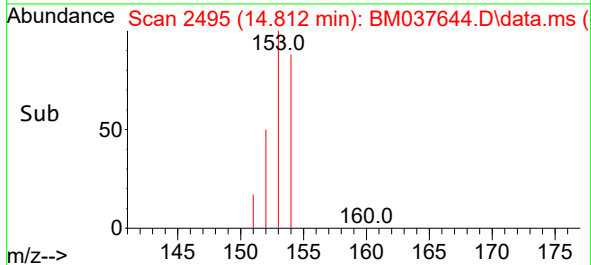
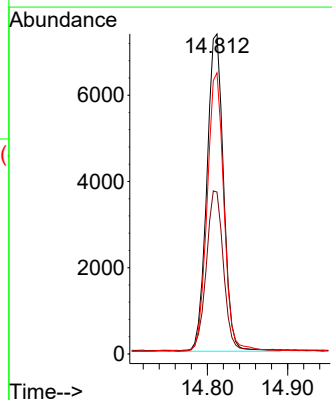
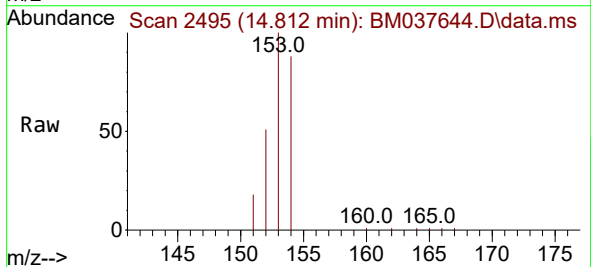
Instrument :
BNA_M
ClientSampleId :
SLCS025

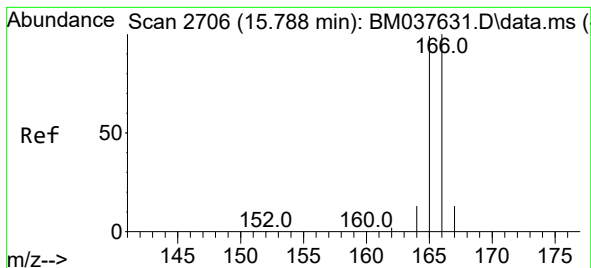
Tgt Ion:152 Resp: 13170
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.7 11.0 16.4



#11
Acenaphthene
Concen: 0.323 ng/ul
RT: 14.812 min Scan# 2495
Delta R.T. 0.001 min
Lab File: BM037644.D
Acq: 22 Nov 2022 16:23

Tgt Ion:153 Resp: 10603
Ion Ratio Lower Upper
153 100
152 50.6 39.4 59.0
154 87.9 69.5 104.3





#12

Fluorene

Concen: 0.315 ng/ul

RT: 15.788 min Scan# 2706

Delta R.T. 0.001 min

Lab File: BM037644.D

Acq: 22 Nov 2022 16:23

Instrument :

BNA_M

ClientSampleId :

SLCS025

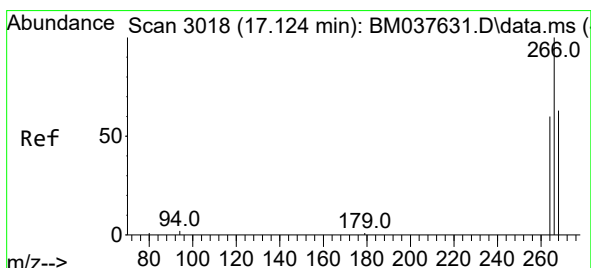
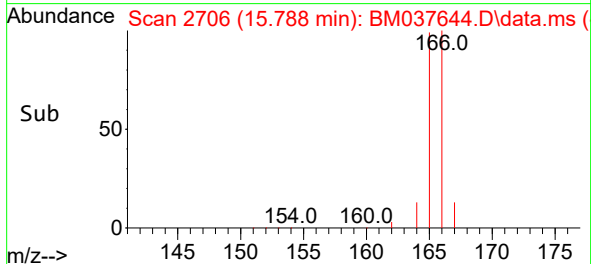
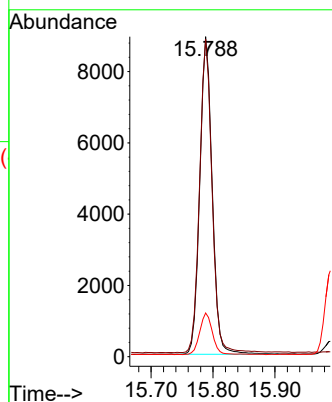
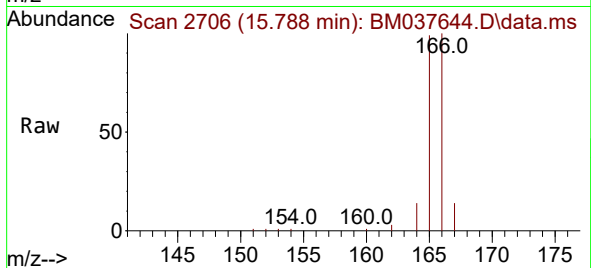
Tgt Ion:166 Resp: 12451

Ion Ratio Lower Upper

166 100

165 99.2 78.7 118.1

167 13.6 11.3 16.9



#14

Pentachlorophenol

Concen: 0.614 ng/ul

RT: 17.124 min Scan# 3018

Delta R.T. -0.003 min

Lab File: BM037644.D

Acq: 22 Nov 2022 16:23

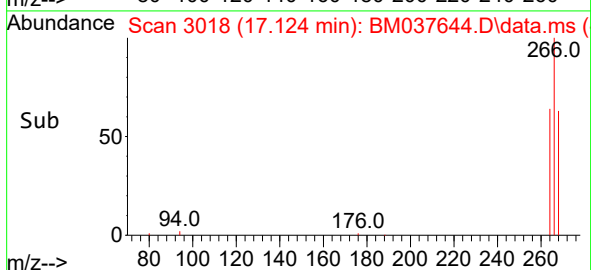
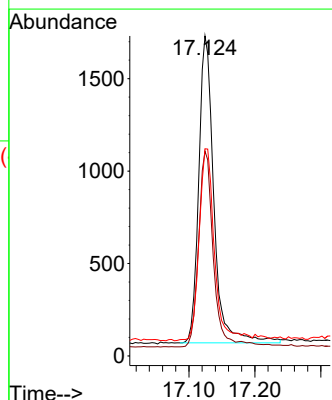
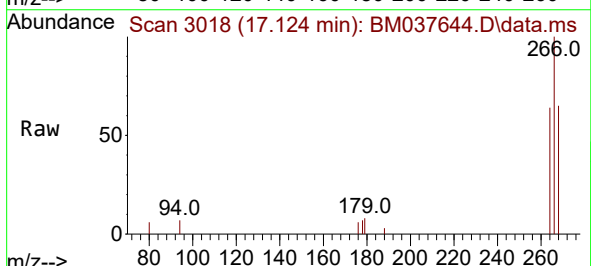
Tgt Ion:266 Resp: 2649

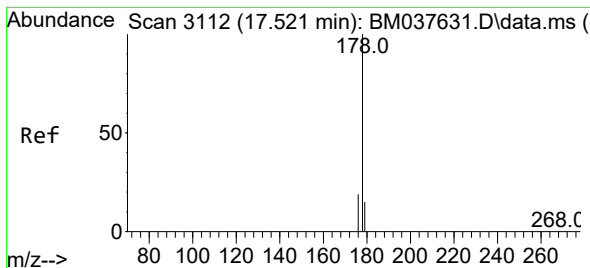
Ion Ratio Lower Upper

266 100

264 62.7 50.2 75.2

268 63.2 52.0 78.0





#15

Phenanthrene

Concen: 0.319 ng/ul

RT: 17.521 min Scan# 3112

Delta R.T. -0.003 min

Lab File: BM037644.D

Acq: 22 Nov 2022 16:23

Instrument :

BNA_M

ClientSampleId :

SLCS025

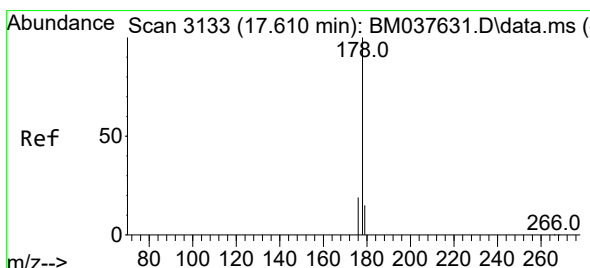
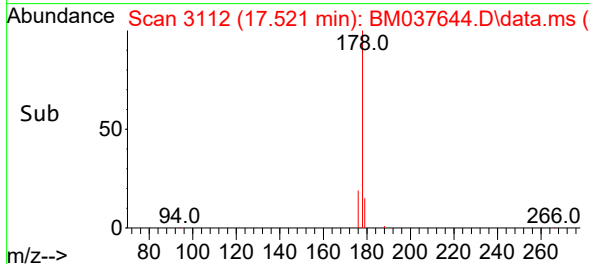
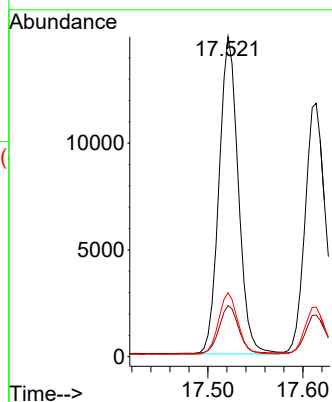
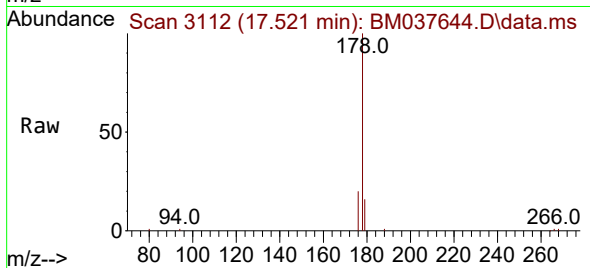
Tgt Ion:178 Resp: 20979

Ion Ratio Lower Upper

178 100

179 16.0 12.6 18.8

176 20.0 16.0 24.0



#16

Anthracene

Concen: 0.288 ng/ul

RT: 17.614 min Scan# 3134

Delta R.T. 0.001 min

Lab File: BM037644.D

Acq: 22 Nov 2022 16:23

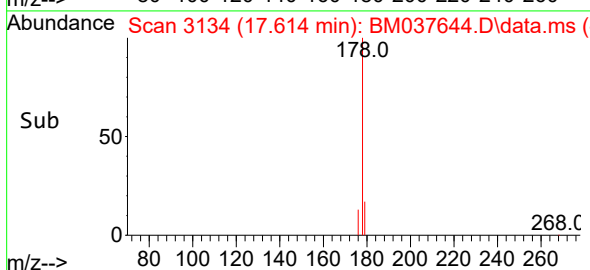
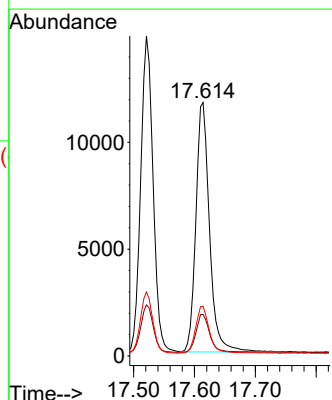
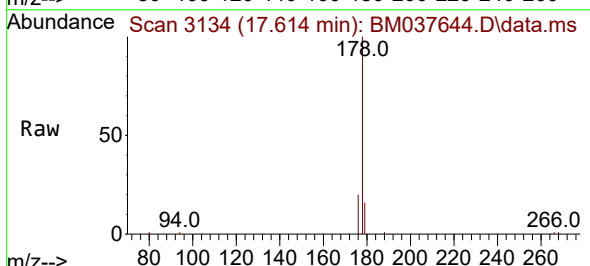
Tgt Ion:178 Resp: 18233

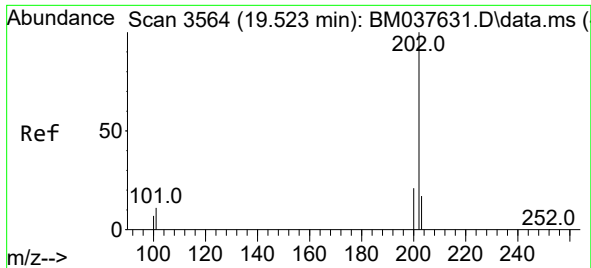
Ion Ratio Lower Upper

178 100

179 16.4 12.8 19.2

176 19.6 15.0 22.6

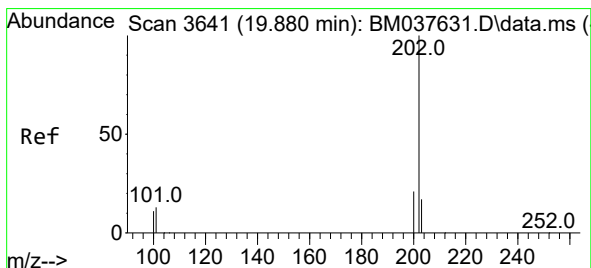
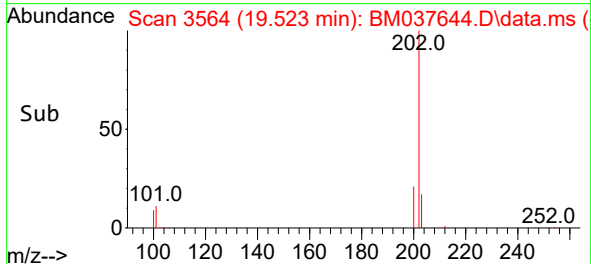
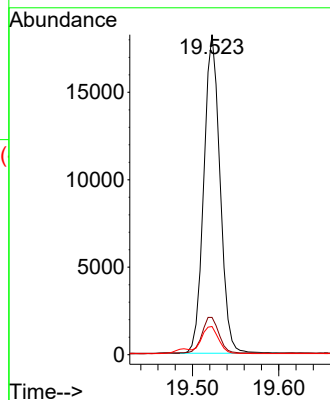
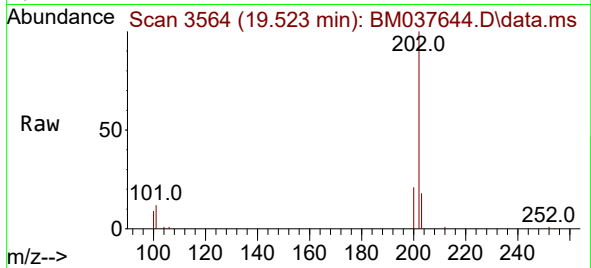




#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.523 min Scan# 3564
Delta R.T. 0.001 min
Lab File: BM037644.D
Acq: 22 Nov 2022 16:23

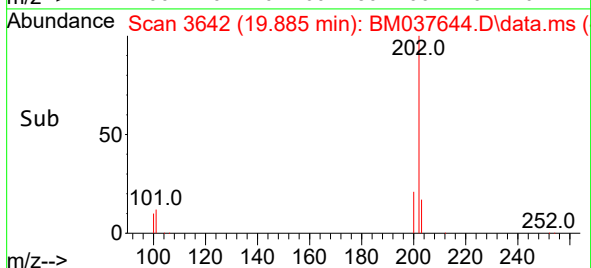
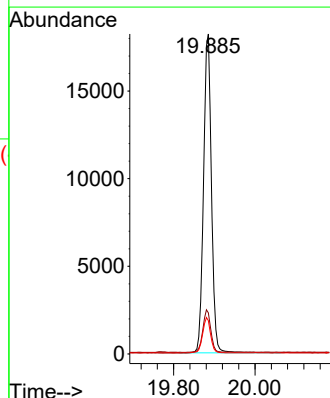
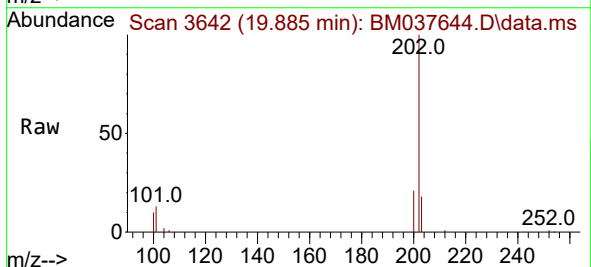
Instrument :
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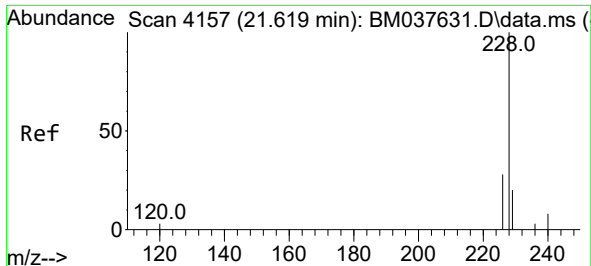
Tgt Ion:202 Resp: 23813
Ion Ratio Lower Upper
202 100
101 11.7 8.2 12.2
100 8.8 6.1 9.1



#20
Pyrene
Concen: 0.351 ng/ul
RT: 19.885 min Scan# 3642
Delta R.T. 0.001 min
Lab File: BM037644.D
Acq: 22 Nov 2022 16:23

Tgt Ion:202 Resp: 24539
Ion Ratio Lower Upper
202 100
101 12.9 10.1 15.1
100 10.4 8.0 12.0

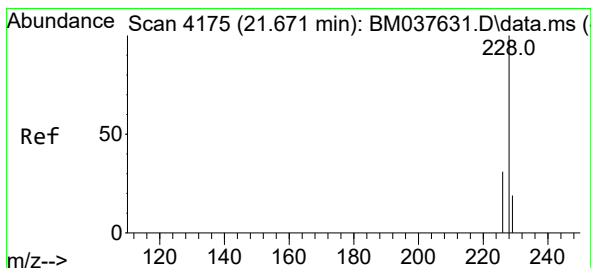
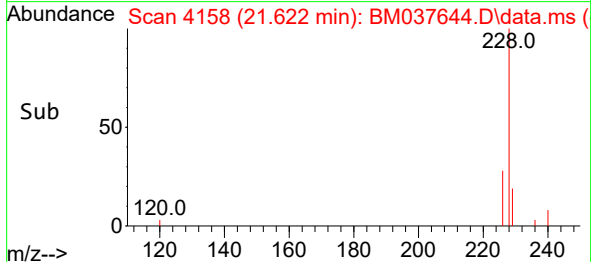
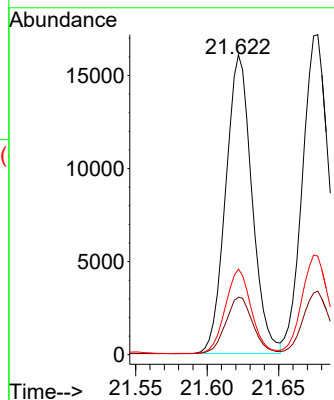
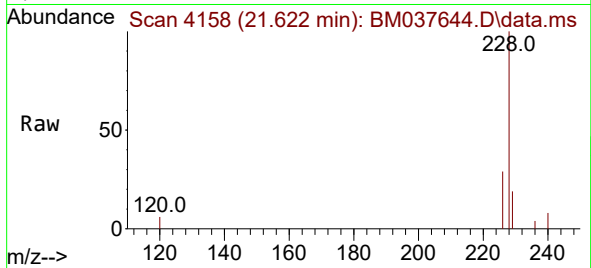




#21
Benzo(a)anthracene
Concen: 0.329 ng/ul
RT: 21.622 min Scan# 4158
Delta R.T. -0.000 min
Lab File: BM037644.D
Acq: 22 Nov 2022 16:23

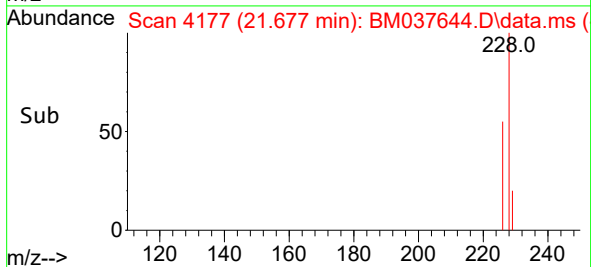
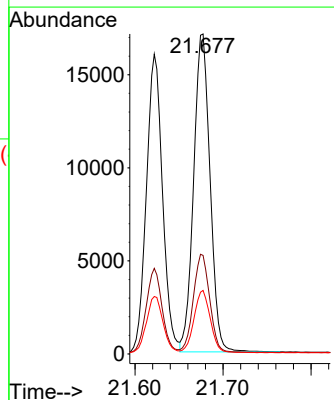
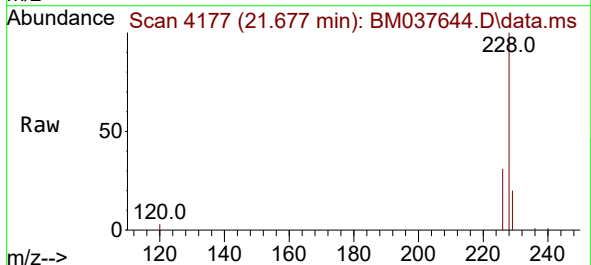
Instrument :
BNA_M
ClientSampleId :
SLCS025

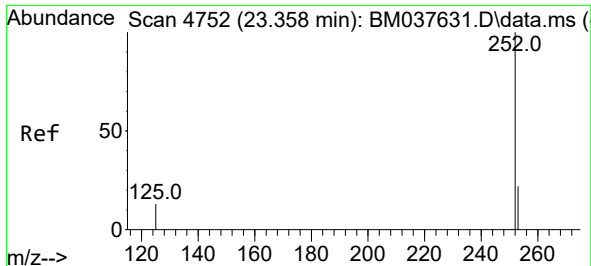
Tgt Ion:228 Resp: 20534
Ion Ratio Lower Upper
228 100
229 19.2 15.7 23.5
226 28.6 22.2 33.2



#22
Chrysene
Concen: 0.359 ng/ul
RT: 21.677 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BM037644.D
Acq: 22 Nov 2022 16:23

Tgt Ion:228 Resp: 22215
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 19.8 15.5 23.3

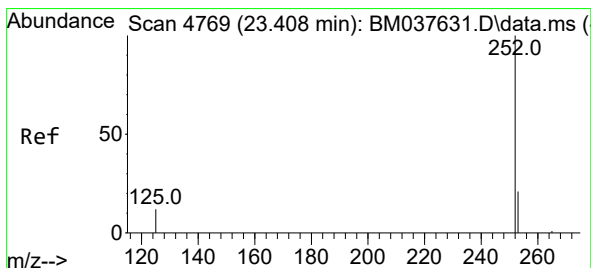
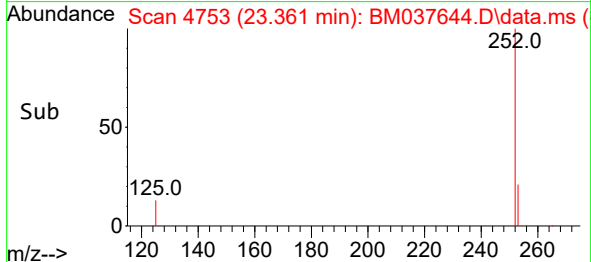
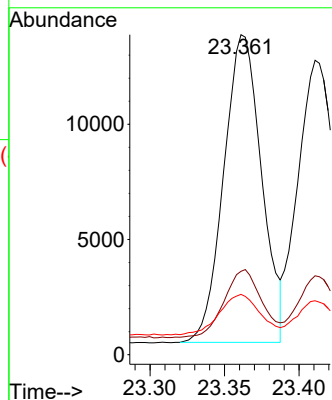
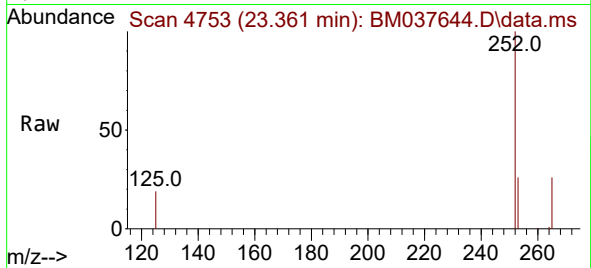




#24
Benzo(b)fluoranthene
Concen: 0.404 ng/ul
RT: 23.361 min Scan# 4753
Delta R.T. -0.000 min
Lab File: BM037644.D
Acq: 22 Nov 2022 16:23

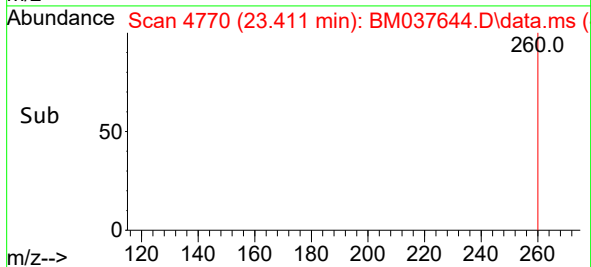
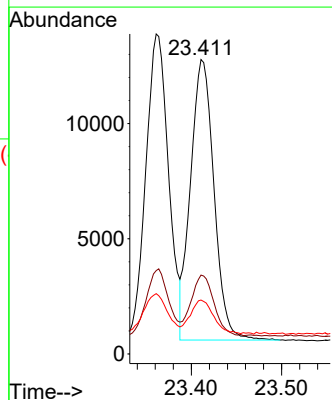
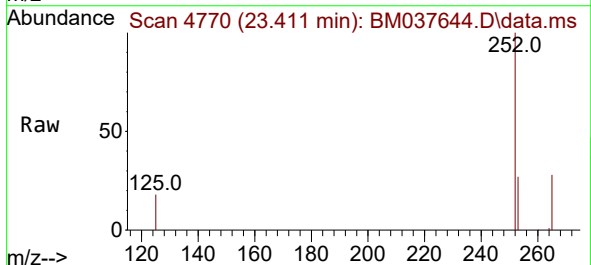
Instrument :
BNA_M
ClientSampleId :
SLCS025

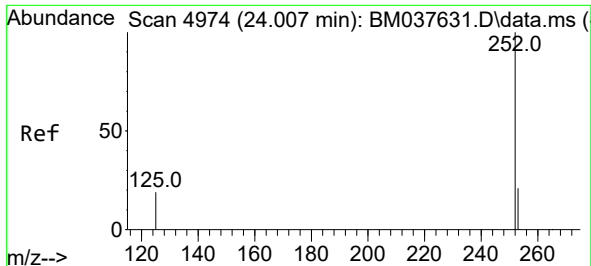
Tgt Ion:252 Resp: 23551
Ion Ratio Lower Upper
252 100
253 26.0 0.0 46.2
125 18.8 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 23.411 min Scan# 4770
Delta R.T. -0.000 min
Lab File: BM037644.D
Acq: 22 Nov 2022 16:23

Tgt Ion:252 Resp: 21944
Ion Ratio Lower Upper
252 100
253 26.8 18.8 28.2
125 18.3 9.8 14.6#

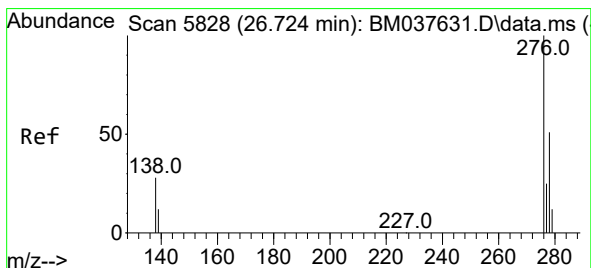
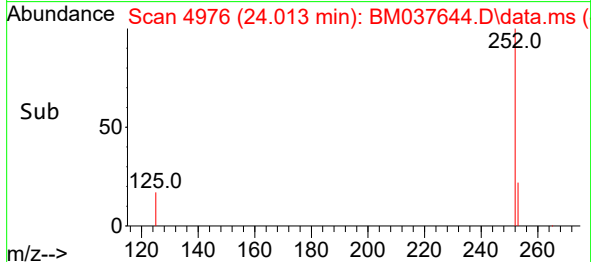
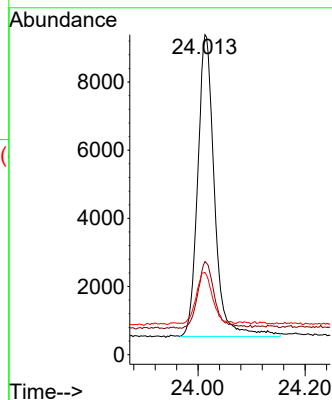
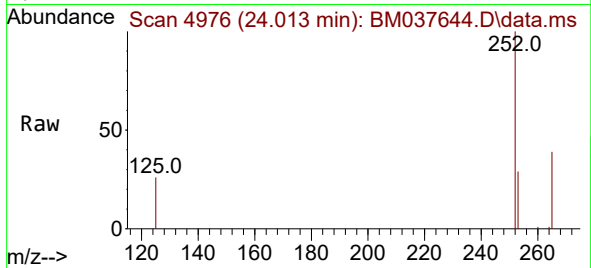




#26
Benzo(a)pyrene
Concen: 0.378 ng/ul
RT: 24.013 min Scan# 4974
Delta R.T. -0.000 min
Lab File: BM037644.D
Acq: 22 Nov 2022 16:23

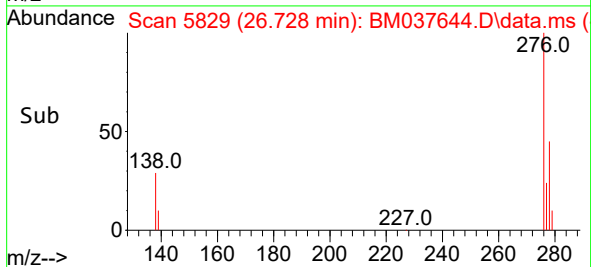
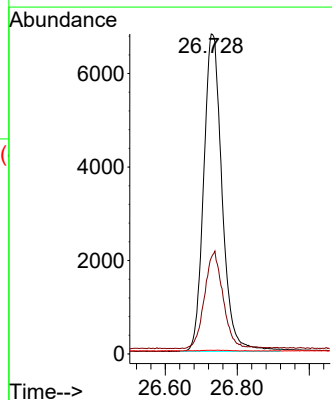
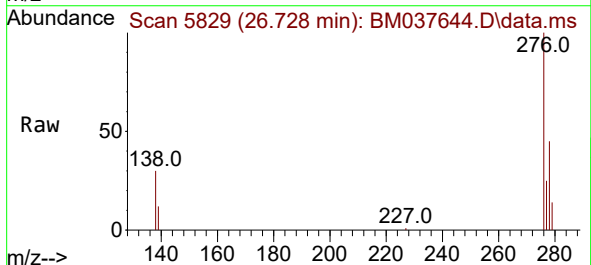
Instrument :
BNA_M
ClientSampleId :
SLCS025

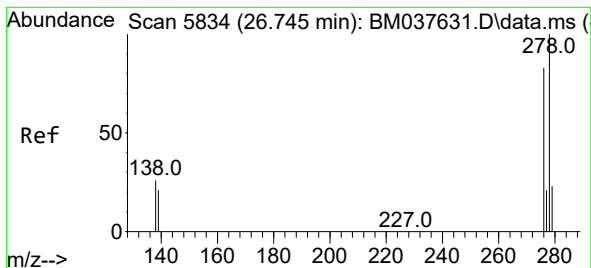
Tgt Ion:252 Resp: 19177
Ion Ratio Lower Upper
252 100
253 29.1 18.8 28.2#
125 25.7 10.5 15.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.358 ng/ul
RT: 26.728 min Scan# 5829
Delta R.T. -0.000 min
Lab File: BM037644.D
Acq: 22 Nov 2022 16:23

Tgt Ion:276 Resp: 24052
Ion Ratio Lower Upper
276 100
138 30.9 21.2 31.8
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.351 ng/ul

RT: 26.751 min Scan# 5834

Delta R.T. 0.003 min

Lab File: BM037644.D

Acq: 22 Nov 2022 16:23

Instrument :

BNA_M

ClientSampleId :

SLCS025

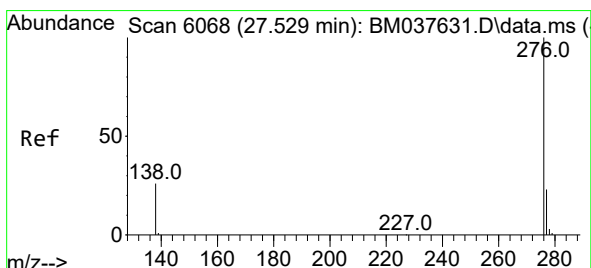
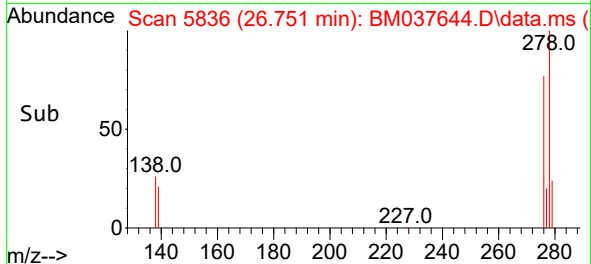
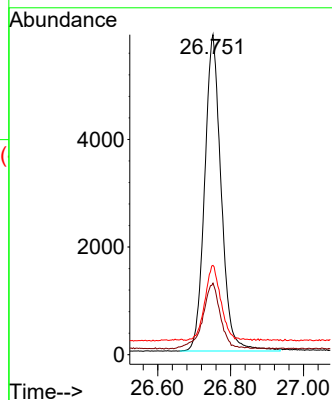
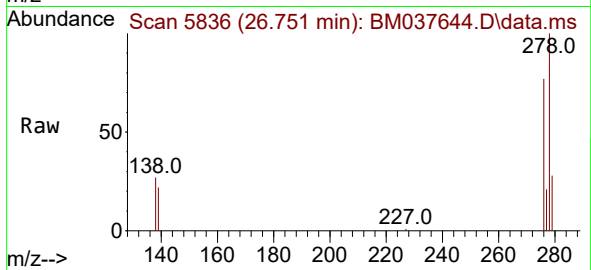
Tgt Ion:278 Resp: 18510

Ion Ratio Lower Upper

278 100

139 22.4 15.2 22.8

279 27.9 20.2 30.2



#29

Benzo(g,h,i)perylene

Concen: 0.356 ng/ul

RT: 27.536 min Scan# 6070

Delta R.T. 0.003 min

Lab File: BM037644.D

Acq: 22 Nov 2022 16:23

Tgt Ion:276 Resp: 20301

Ion Ratio Lower Upper

276 100

138 27.6 19.0 28.4

277 24.8 19.4 29.2

