

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032611.D
 Acq On : 20 Oct 2021 09:32
 Operator : CG/JU
 Sample : PB139907BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS907

Quant Time: Oct 20 10:02:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 19 15:20:30 2021
 Response via : Initial Calibration

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

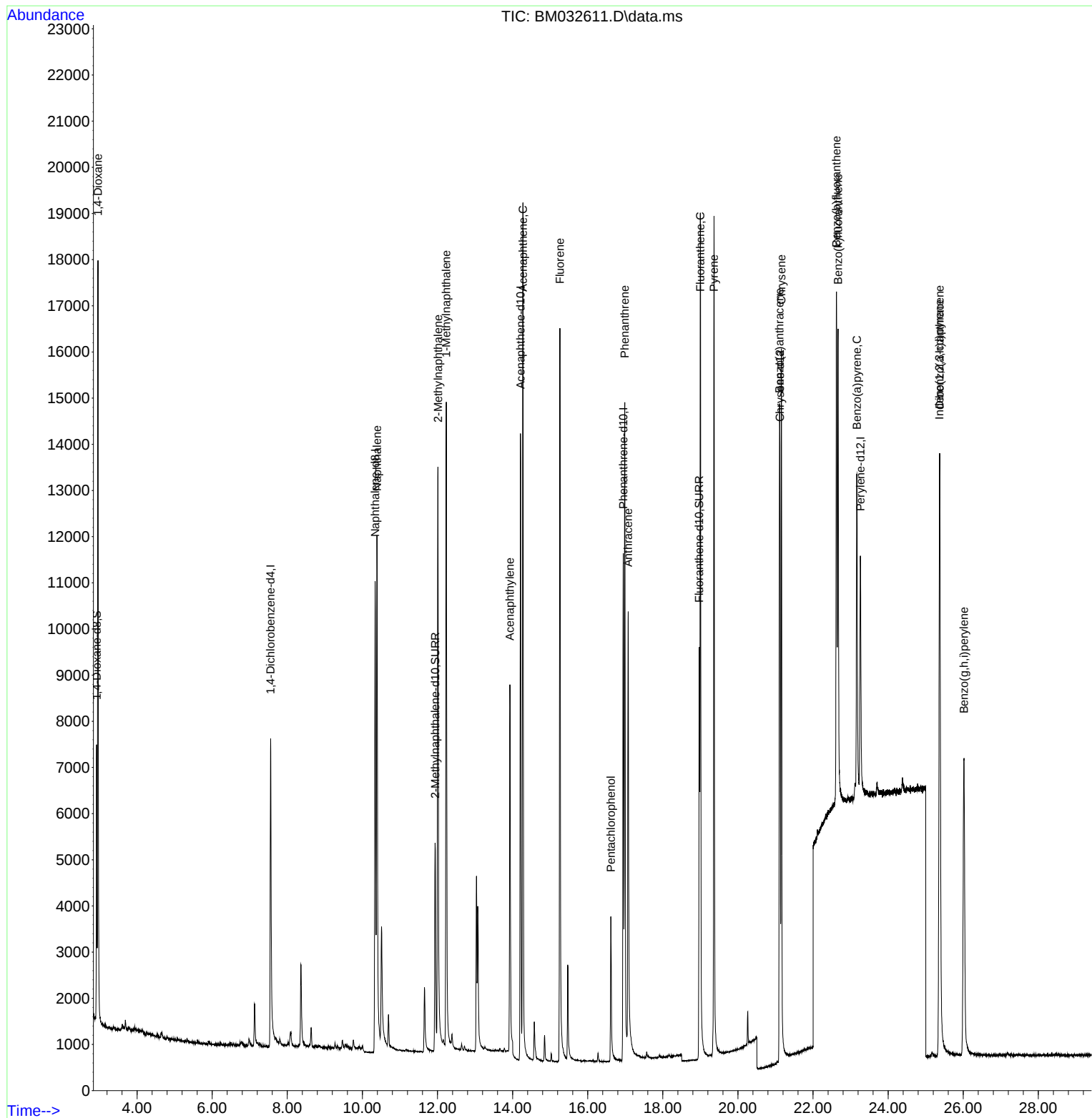
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	4403	0.40	ng/ul	0.00
4) Naphthalene-d8	10.339	136	14904	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.210	164	7415	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	12985	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.121	240	7915	0.40	ng/ul	0.00
23) Perylene-d12	23.262	264	6763	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.924	96	3427	0.69	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	6857	0.34	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	9895	0.40	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.958	88	10317	1.90	ng/ul#	80
5) Naphthalene	10.389	128	16511	0.37	ng/ul	100
7) 2-Methylnaphthalene	12.012	142	10523	0.36	ng/ul	99
8) 1-Methylnaphthalene	12.233	142	10024	0.34	ng/ul	99
10) Acenaphthylene	13.928	152	10635	0.34	ng/ul	100
11) Acenaphthene	14.274	153	10707	0.37	ng/ul	99
12) Fluorene	15.260	166	11290	0.35	ng/ul	98
14) Pentachlorophenol	16.617	266	2401	0.72	ng/ul	99
15) Phenanthrene	16.988	178	15876	0.36	ng/ul	99
16) Anthracene	17.078	178	12518	0.33	ng/ul	100
19) Fluoranthene	19.000	202	15860	0.41	ng/ul	99
20) Pyrene	19.362	202	15742	0.39	ng/ul	99
21) Benzo(a)anthracene	21.106	228	11083	0.36	ng/ul	99
22) Chrysene	21.157	228	13672	0.40	ng/ul	100
24) Benzo(b)fluoranthene	22.624	252	13188	0.42	ng/ul	93
25) Benzo(k)fluoranthene	22.665	252	13536	0.44	ng/ul	92
26) Benzo(a)pyrene	23.167	252	10658	0.41	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.369	276	13878	0.43	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.372	278	11004	0.44	ng/ul	97
29) Benzo(g,h,i)perylene	26.021	276	12697	0.46	ng/ul	99

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

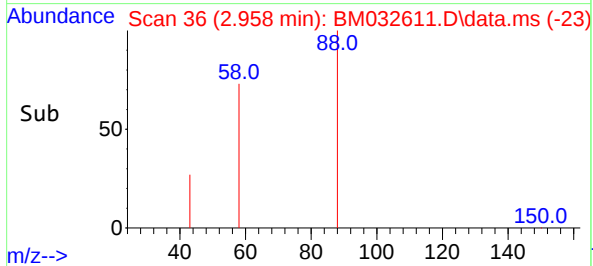
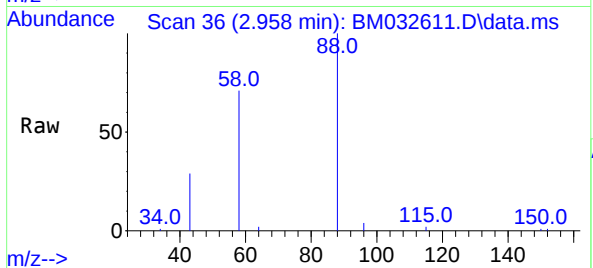
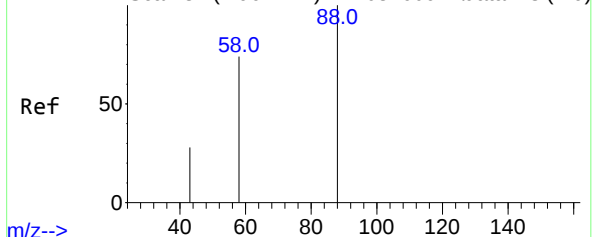
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032611.D
Acq On : 20 Oct 2021 09:32
Operator : CG/JU
Sample : PB139907BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS907

Quant Time: Oct 20 10:02:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 19 15:20:30 2021
Response via : Initial Calibration

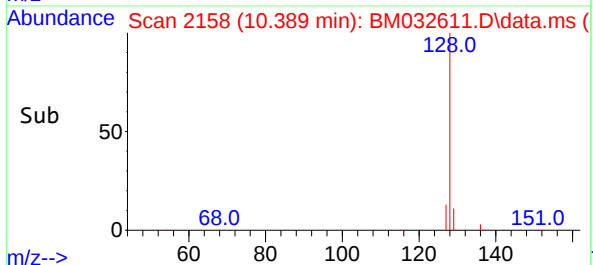
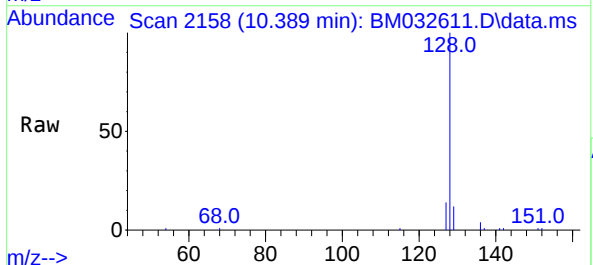
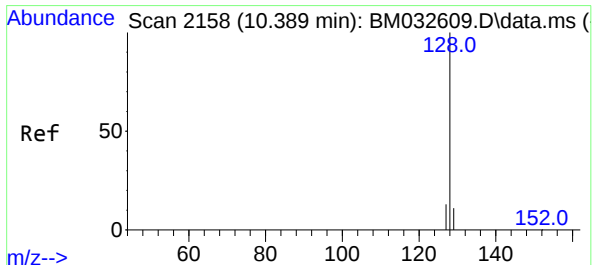
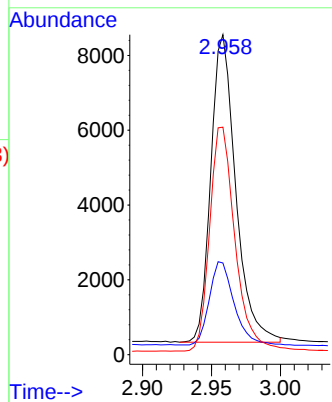


Abundance Scan 37 (2.962 min): BM032609.D\data.ms (-29)



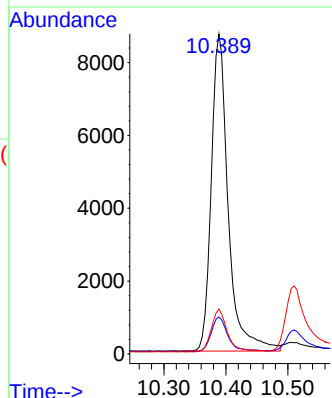
#2
1,4-Dioxane
Concen: 1.90 ng/ul
RT: 2.958 min Scan# 36
Delta R.T. -0.007 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

Tgt Ion:	88	Resp:	10317
Ion	Ratio	Lower	Upper
88	100		
43	28.6	46.6	69.8#
58	71.1	60.7	91.1

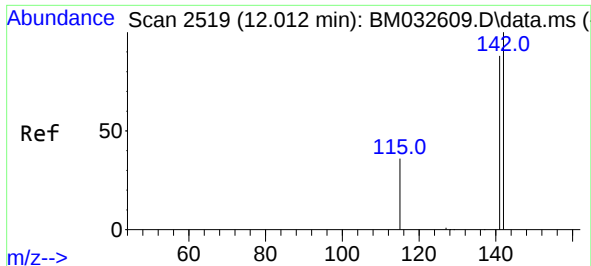


#5
Naphthalene
Concen: 0.37 ng/ul
RT: 10.389 min Scan# 2158
Delta R.T. -0.004 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

Tgt Ion:	128	Resp:	16511
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	14.0	11.1	16.7



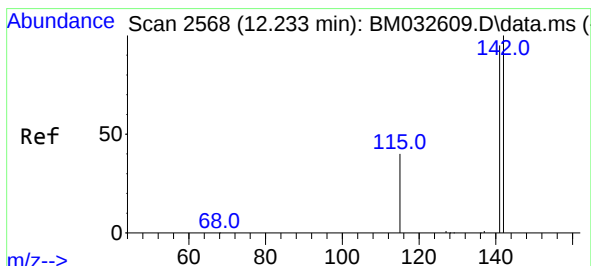
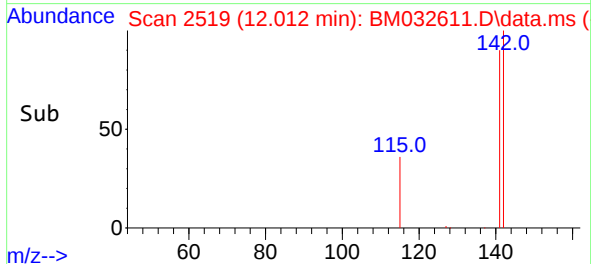
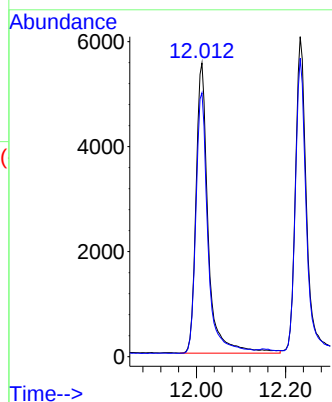
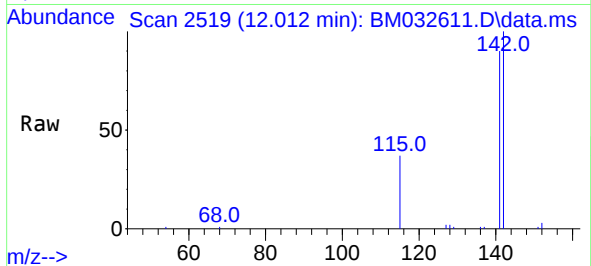
Instrument :
BNA_M
ClientSampleId :
SLCS907



#7
2-Methylnaphthalene
Concen: 0.36 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

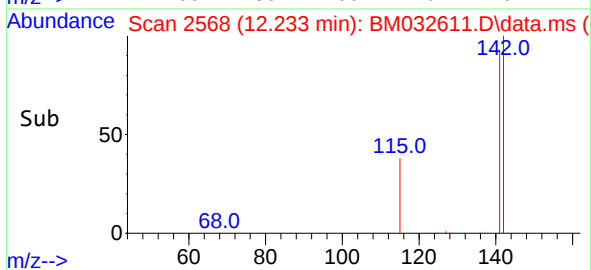
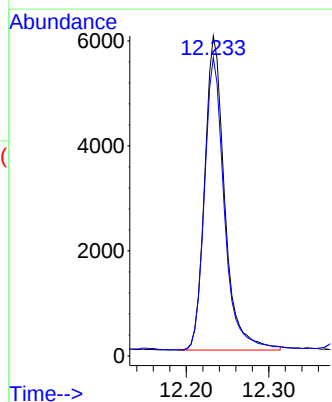
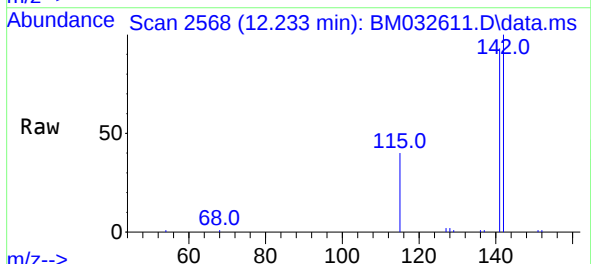
Instrument :
BNA_M
ClientSampleId :
SLCS907

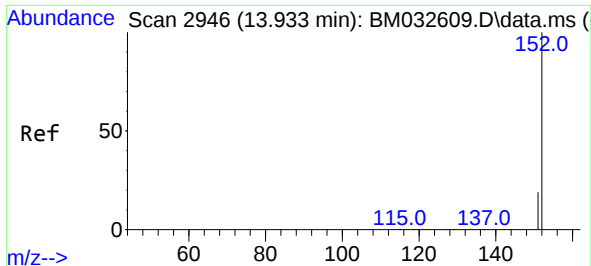
Tgt Ion:142 Resp: 10523
Ion Ratio Lower Upper
142 100
141 90.9 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.34 ng/ul
RT: 12.233 min Scan# 2568
Delta R.T. -0.004 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

Tgt Ion:142 Resp: 10024
Ion Ratio Lower Upper
142 100
141 92.6 74.9 112.3

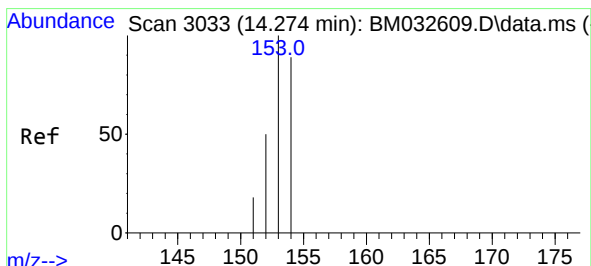
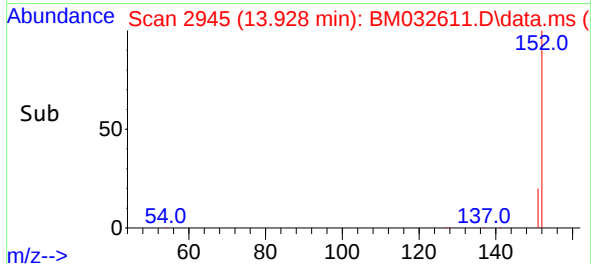
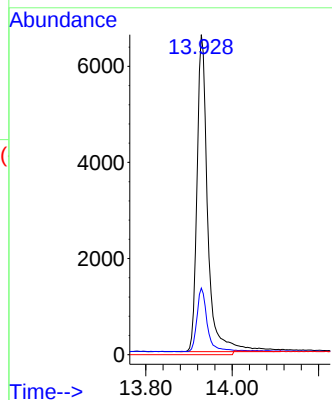
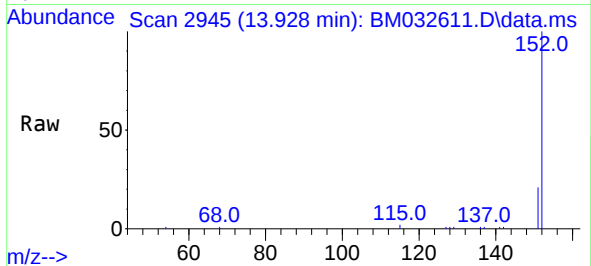




#10
Acenaphthylene
Concen: 0.34 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.004 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

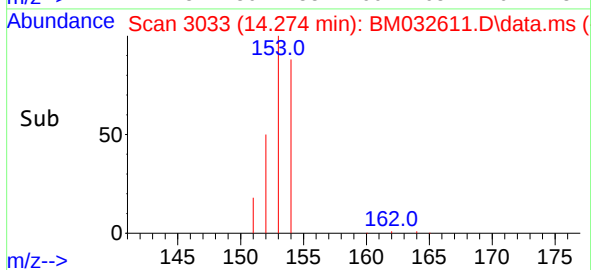
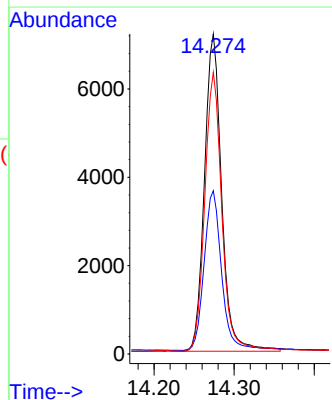
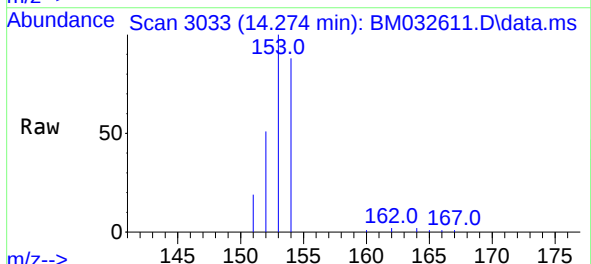
Instrument :
BNA_M
ClientSampleId :
SLCS907

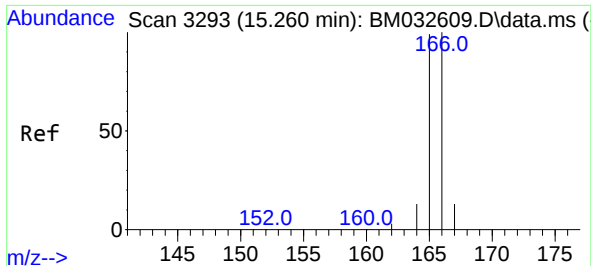
Tgt Ion:152 Resp: 10635
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.37 ng/ul
RT: 14.274 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

Tgt Ion:153 Resp: 10707
Ion Ratio Lower Upper
153 100
152 51.0 40.4 60.6
154 88.1 70.8 106.2



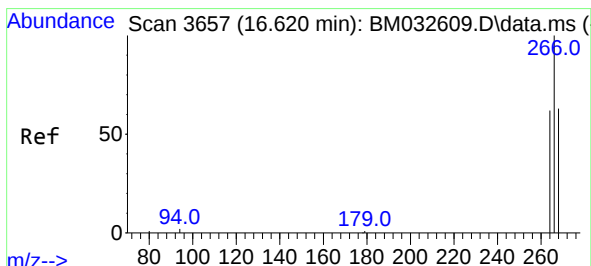
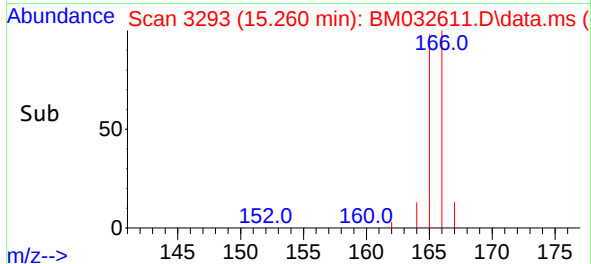
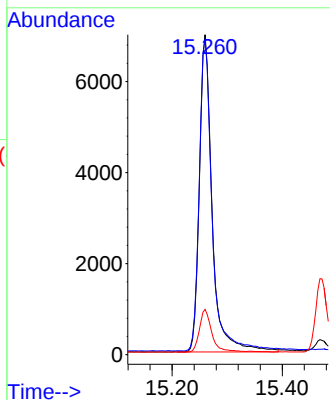
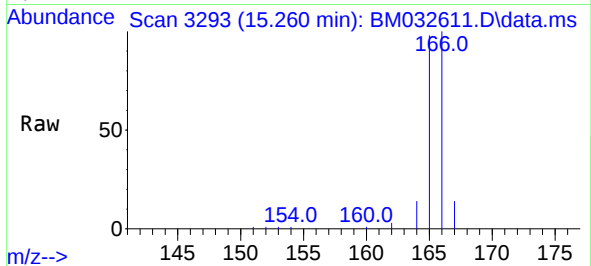


#12
Fluorene
Concen: 0.35 ng/ul
RT: 15.260 min Scan# 3293
Delta R.T. -0.004 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

Instrument :
BNA_M
ClientSampleId :
SLCS907

Tgt Ion:166 Resp: 11290

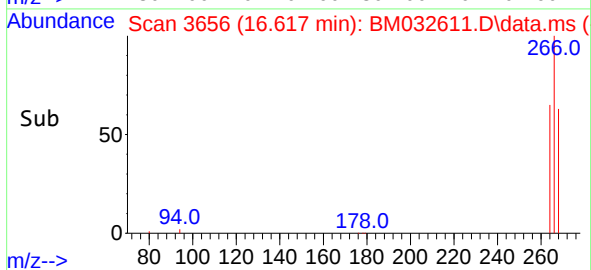
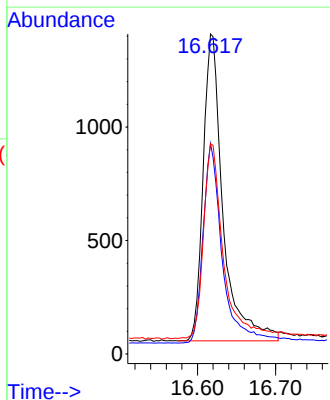
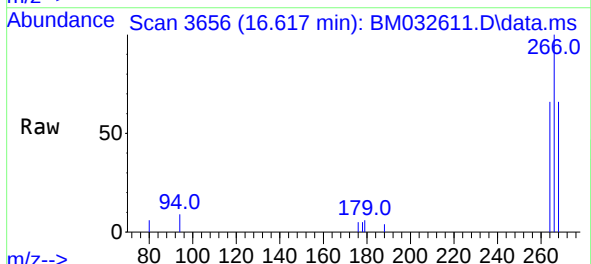
Ion	Ratio	Lower	Upper
166	100		
165	98.5	80.7	121.1
167	14.1	11.2	16.8

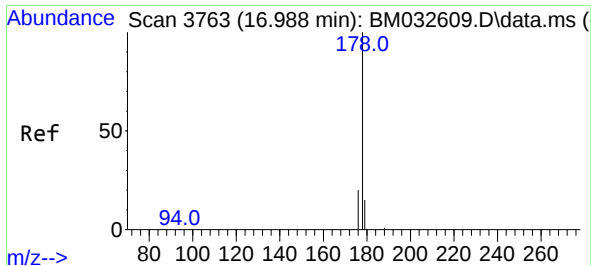


#14
Pentachlorophenol
Concen: 0.72 ng/ul
RT: 16.617 min Scan# 3656
Delta R.T. -0.003 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

Tgt Ion:266 Resp: 2401

Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.8	76.2
268	63.5	50.2	75.2

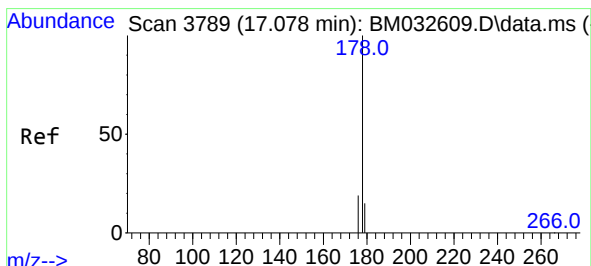
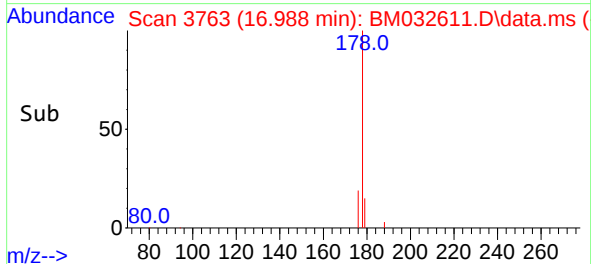
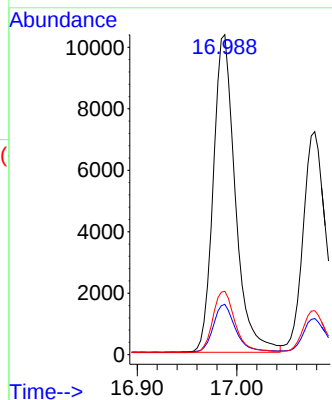
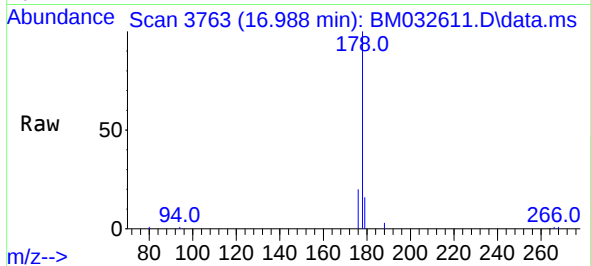




#15
Phenanthrene
Concen: 0.36 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

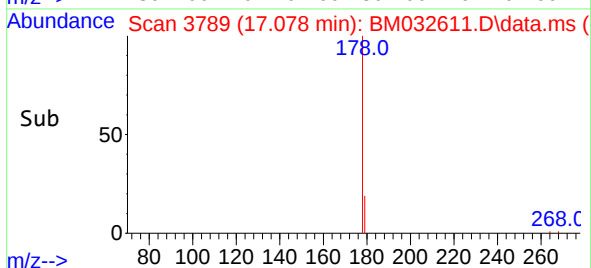
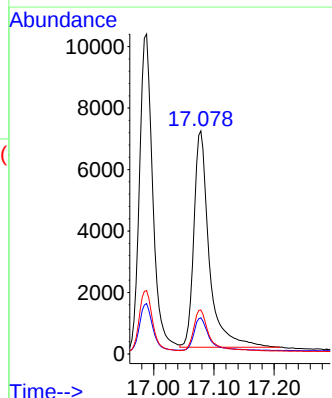
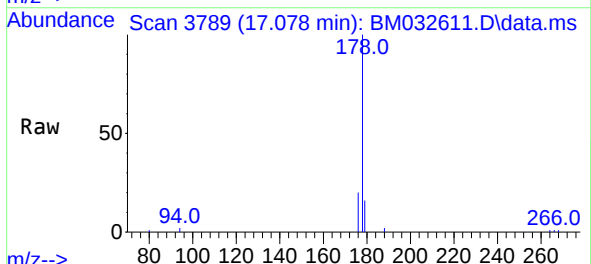
Instrument :
BNA_M
ClientSampleId :
SLCS907

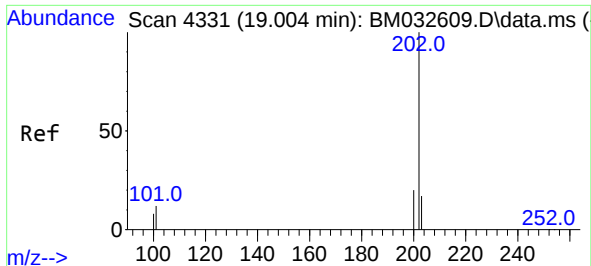
Tgt Ion:	178	Resp:	15876
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.9	19.3
176	19.8	16.1	24.1



#16
Anthracene
Concen: 0.33 ng/ul
RT: 17.078 min Scan# 3789
Delta R.T. 0.000 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

Tgt Ion:	178	Resp:	12518
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.9	19.3
176	19.7	15.8	23.6

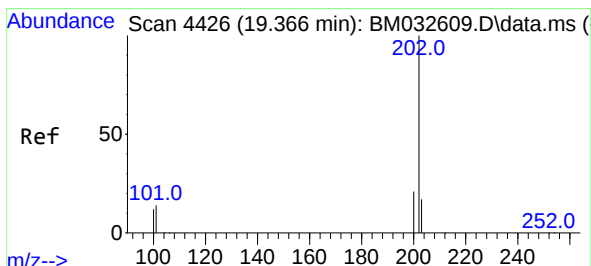
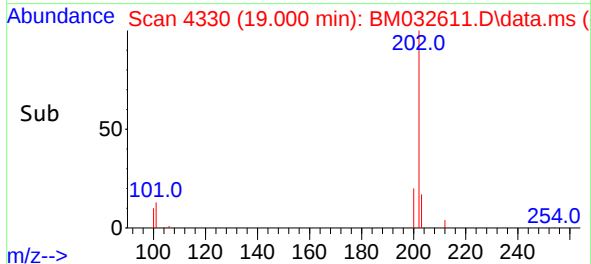
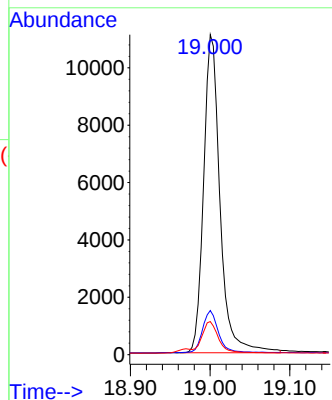
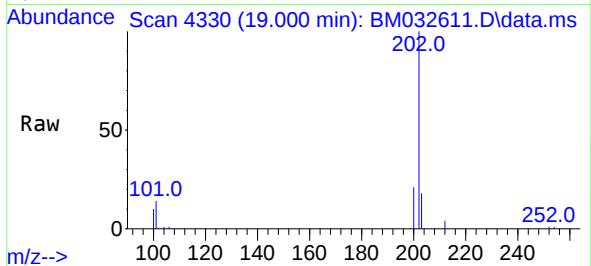




#19
Fluoranthene
Concen: 0.41 ng/ul
RT: 19.000 min Scan# 4330
Delta R.T. -0.004 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

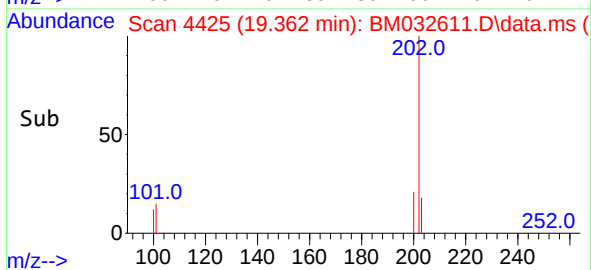
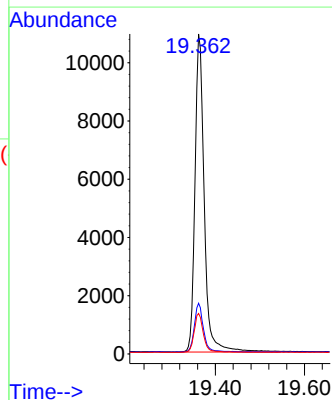
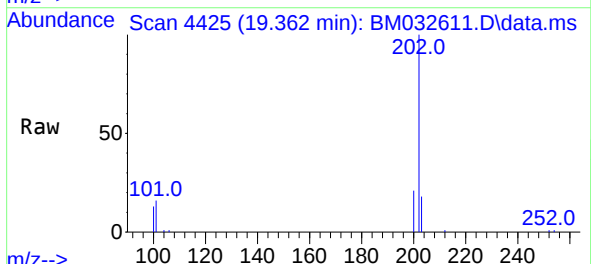
Instrument :
BNA_M
ClientSampleId :
SLCS907

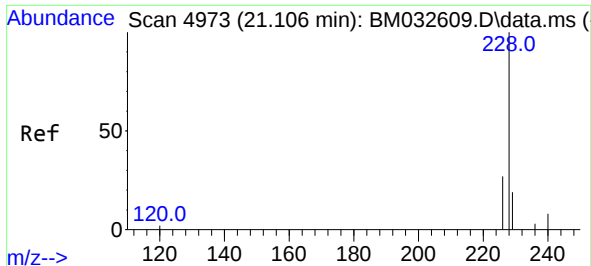
Tgt Ion:202 Resp: 15860
Ion Ratio Lower Upper
202 100
101 13.8 10.6 16.0
100 10.3 7.8 11.8



#20
Pyrene
Concen: 0.39 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.004 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

Tgt Ion:202 Resp: 15742
Ion Ratio Lower Upper
202 100
101 15.9 12.3 18.5
100 12.6 10.1 15.1

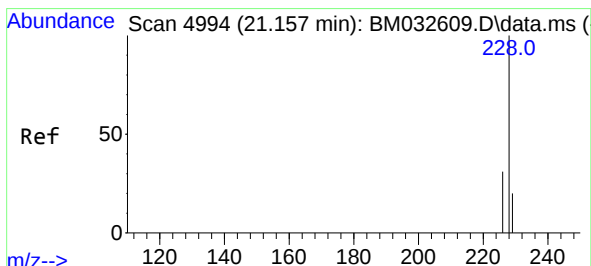
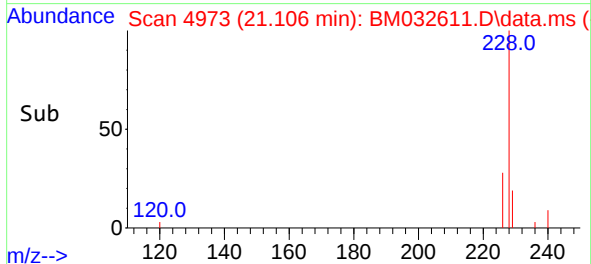
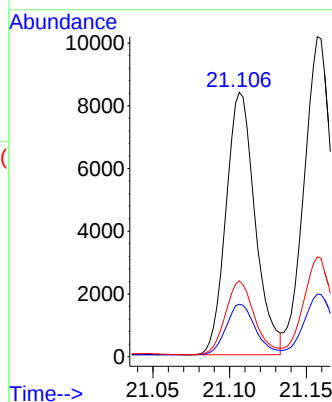
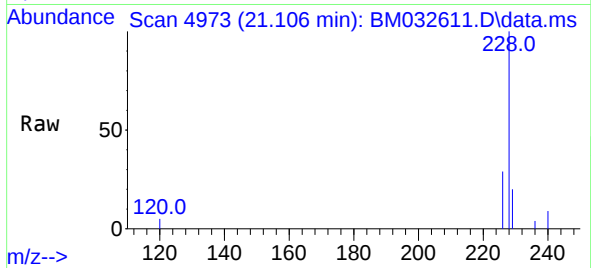




#21
Benzo(a)anthracene
Concen: 0.36 ng/ul
RT: 21.106 min Scan# 4973
Delta R.T. 0.000 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

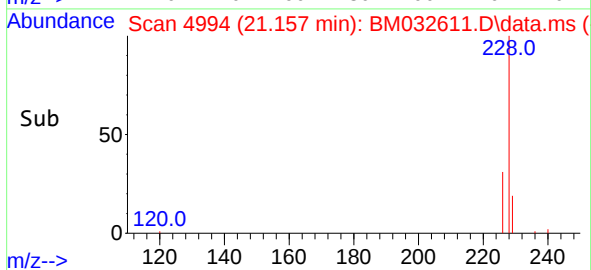
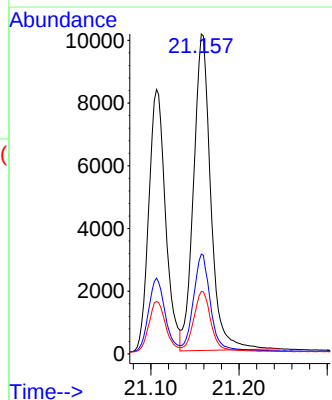
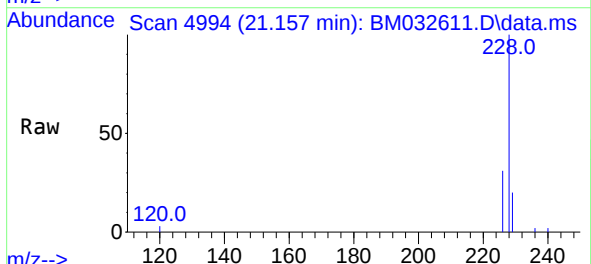
Instrument :
BNA_M
ClientSampleId :
SLCS907

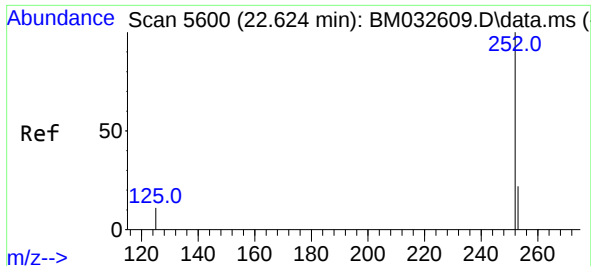
Tgt Ion:228	Resp:	11083
Ion Ratio	Lower	Upper
228	100	
229	19.8	15.9 23.9
226	28.7	22.4 33.6



#22
Chrysene
Concen: 0.40 ng/ul
RT: 21.157 min Scan# 4994
Delta R.T. -0.002 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

Tgt Ion:228	Resp:	13672
Ion Ratio	Lower	Upper
228	100	
226	31.2	25.1 37.7
229	19.5	15.7 23.5

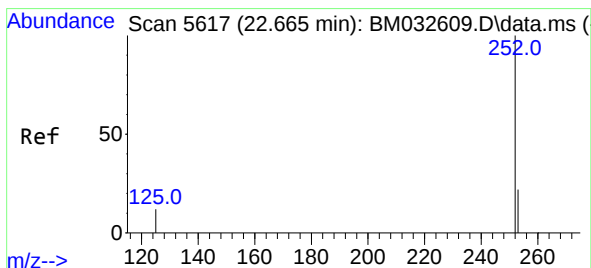
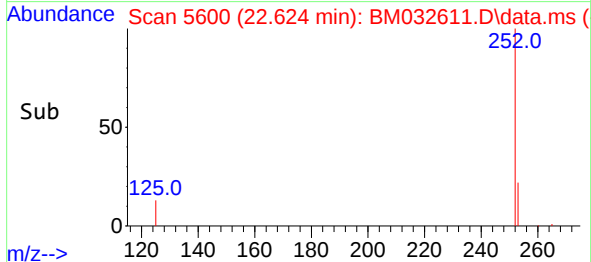
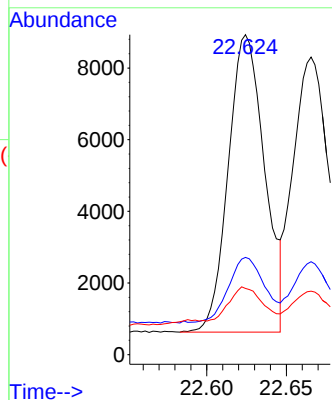
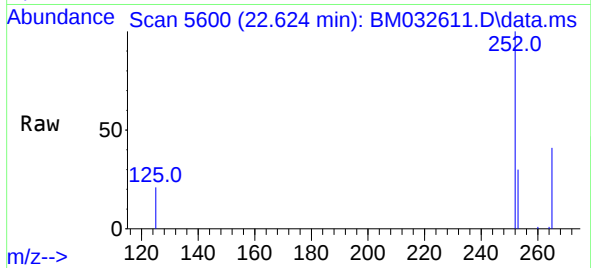




#24
Benzo(b)fluoranthene
Concen: 0.42 ng/ul
RT: 22.624 min Scan# 5600
Delta R.T. -0.002 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

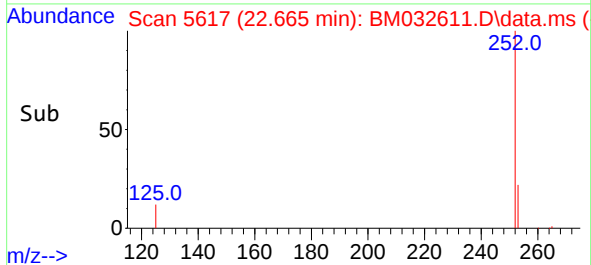
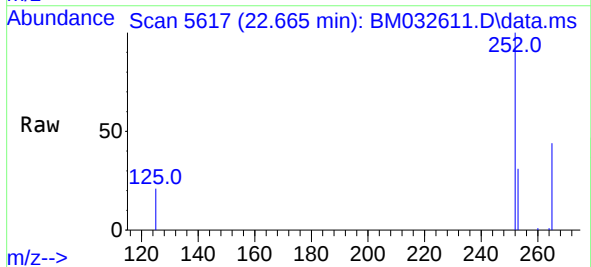
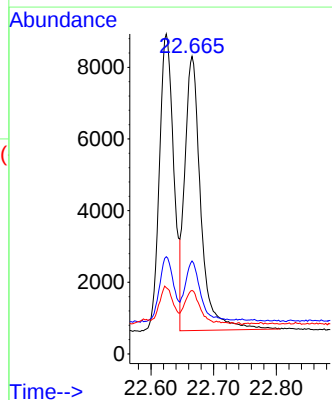
Tgt Ion:	252	Resp:	13188
Ion	Ratio	Lower	Upper
252	100		
253	30.4	0.0	53.8
125	20.7	0.0	35.6

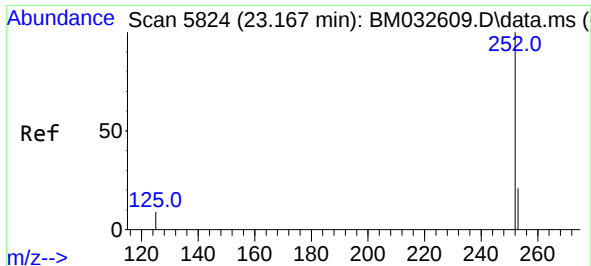
Instrument :
BNA_M
ClientSampleId :
SLCS907



#25
Benzo(k)fluoranthene
Concen: 0.44 ng/ul
RT: 22.665 min Scan# 5617
Delta R.T. -0.002 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

Tgt Ion:	252	Resp:	13536
Ion	Ratio	Lower	Upper
252	100		
253	31.2	21.8	32.6
125	21.4	14.4	21.6

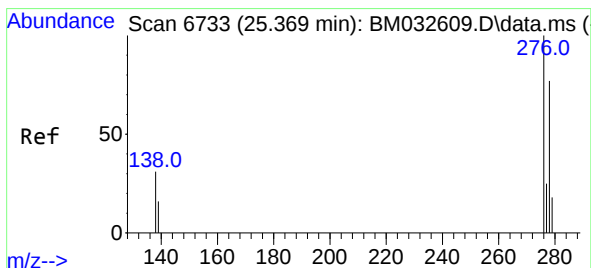
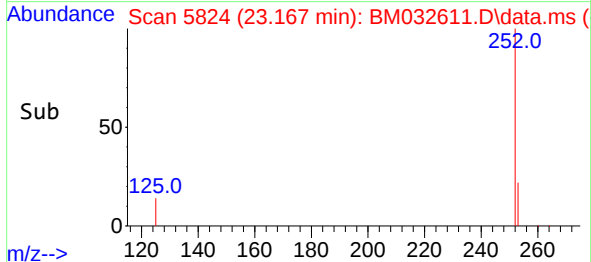
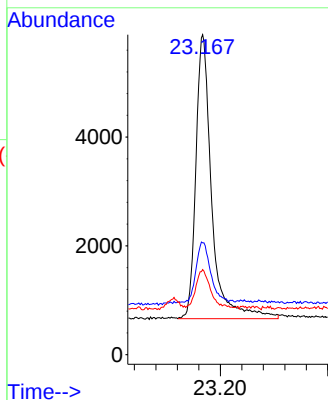
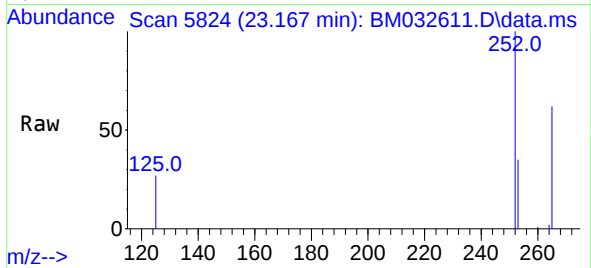




#26
Benzo(a)pyrene
Concen: 0.41 ng/ul
RT: 23.167 min Scan# 5824
Delta R.T. -0.002 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

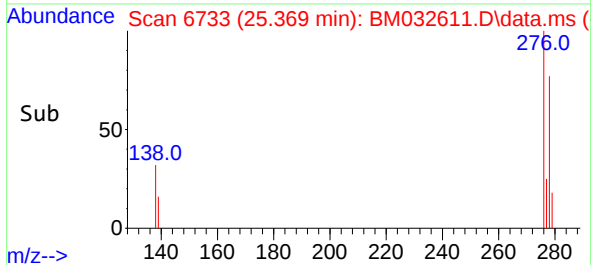
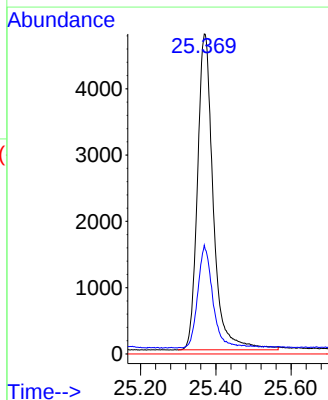
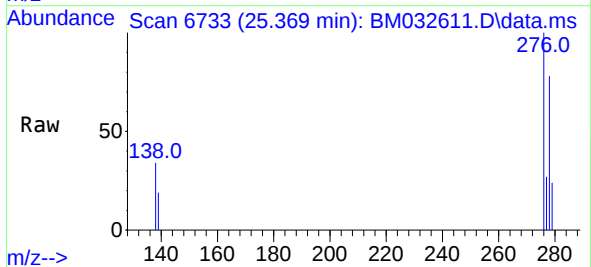
Instrument :
BNA_M
ClientSampleId :
SLCS907

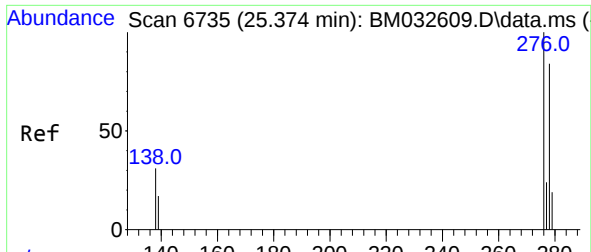
Tgt Ion:252 Resp: 10658
Ion Ratio Lower Upper
252 100
253 34.9 23.6 35.4
125 26.6 17.1 25.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.43 ng/ul
RT: 25.369 min Scan# 6733
Delta R.T. -0.009 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

Tgt Ion:276 Resp: 13878
Ion Ratio Lower Upper
276 100
138 30.8 24.9 37.3
227 0.0 0.0 0.0

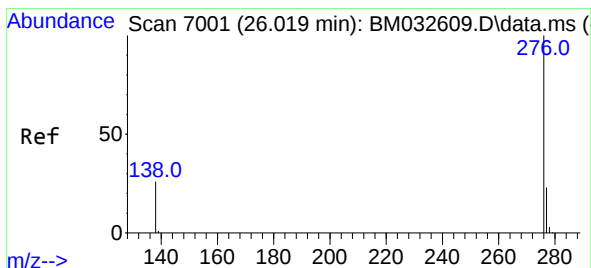
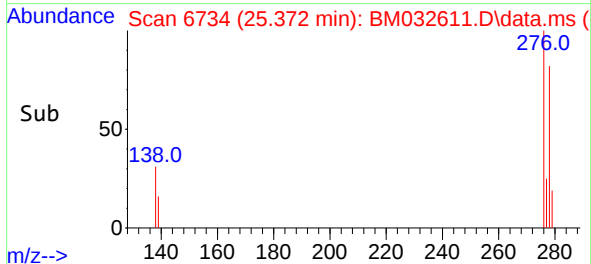
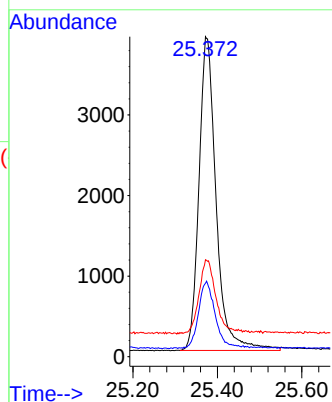
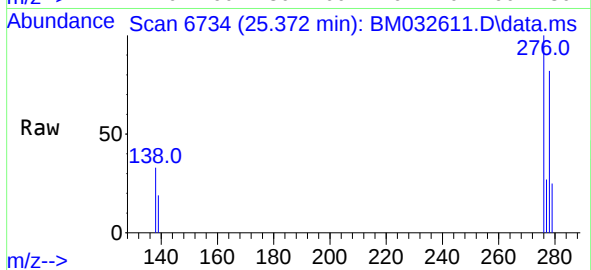




#28
Dibenzo(a,h)anthracene
Concen: 0.44 ng/ul
RT: 25.372 min Scan# 6734
Delta R.T. -0.012 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

Instrument :
BNA_M
ClientSampleId :
SLCS907

Tgt Ion:278 Resp: 11004
Ion Ratio Lower Upper
278 100
139 22.9 18.6 28.0
279 30.3 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.46 ng/ul
RT: 26.021 min Scan# 7002
Delta R.T. -0.005 min
Lab File: BM032611.D
Acq: 20 Oct 2021 09:32

Tgt Ion:276 Resp: 12697
Ion Ratio Lower Upper
276 100
138 28.3 22.6 33.8
277 25.4 19.9 29.9

