

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062522\
 Data File : BM035682.D
 Acq On : 25 Jun 2022 11:59
 Operator : CG/JU
 Sample : SST0.150
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1001

Quant Time: Jun 28 02:05:57 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 02:03:15 2022
 Response via : Initial Calibration

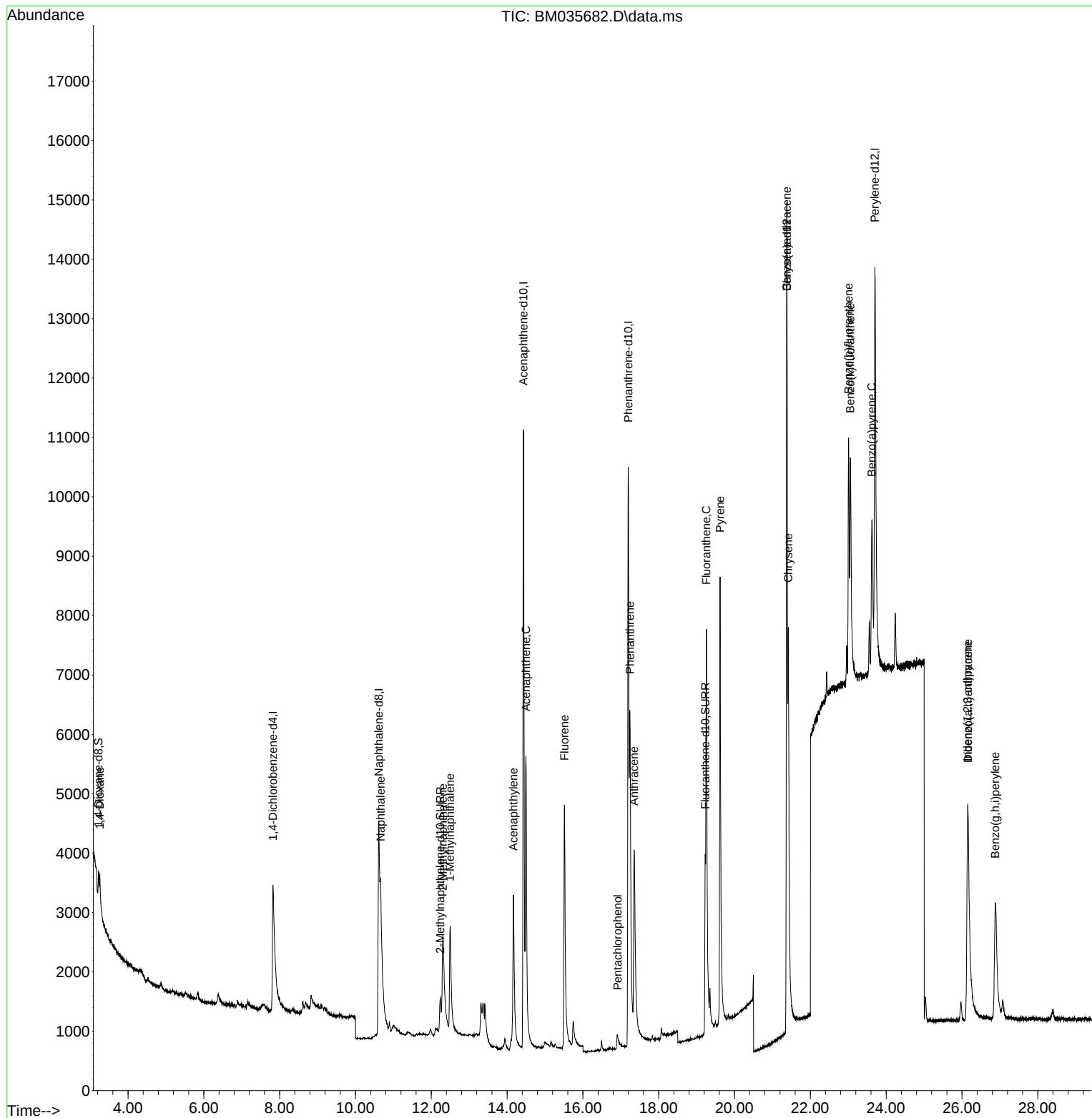
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	3299	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.616	136	12002	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.432	164	8073	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	17656	0.400	ng/ul	0.00
17) Chrysene-d12	21.379	240	13747	0.400	ng/ul	0.00
23) Perylene-d12	23.703	264	12099	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	478	0.103	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.239	152	1923	0.108	ng/ul	0.02
18) Fluoranthene-d10	19.230	212	4634	0.100	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.255	88	247	0.053	ng/ul#	72
5) Naphthalene	10.666	128	4514	0.111	ng/ul#	90
7) 2-Methylnaphthalene	12.305	142	2829	0.122	ng/ul	99
8) 1-Methylnaphthalene	12.497	142	2178	0.102	ng/ul	99
10) Acenaphthylene	14.169	152	5237	0.115	ng/ul	96
11) Acenaphthene	14.497	153	4117	0.122	ng/ul	99
12) Fluorene	15.515	166	4618	0.121	ng/ul	99
14) Pentachlorophenol	16.913	266	352	0.104	ng/ul	95
15) Phenanthrene	17.242	178	8032	0.124	ng/ul	95
16) Anthracene	17.352	178	6437	0.114	ng/ul#	95
19) Fluoranthene	19.257	202	8393	0.119	ng/ul	96
20) Pyrene	19.620	202	9929	0.135	ng/ul	99
21) Benzo(a)anthracene	21.379	228	5686	0.109	ng/ul	96
22) Chrysene	21.420	228	7573	0.122	ng/ul	99
24) Benzo(b)fluoranthene	23.007	252	5914	0.112	ng/ul	71
25) Benzo(k)fluoranthene	23.057	252	5856	0.107	ng/ul#	70
26) Benzo(a)pyrene	23.621	252	6380	0.116	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	26.151	276	6713	0.106	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.158	278	5285	0.102	ng/ul#	68
29) Benzo(g,h,i)perylene	26.879	276	6359	0.112	ng/ul#	88

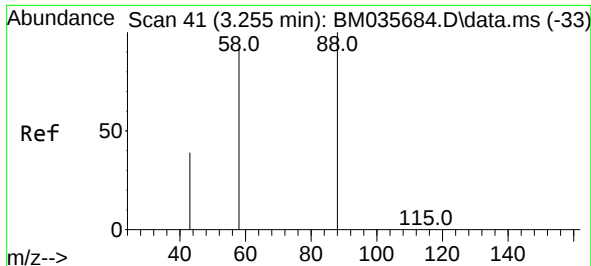
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062522\
Data File : BM035682.D
Acq On : 25 Jun 2022 11:59
Operator : CG/JU
Sample : SST0.150
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

Quant Time: Jun 28 02:05:57 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 28 02:03:15 2022
Response via : Initial Calibration

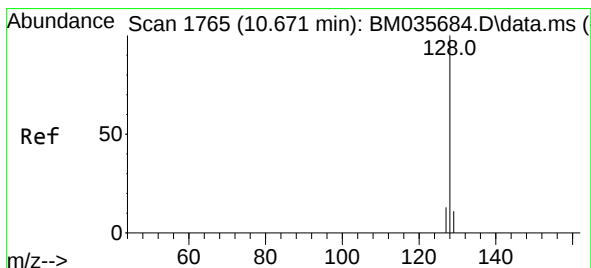
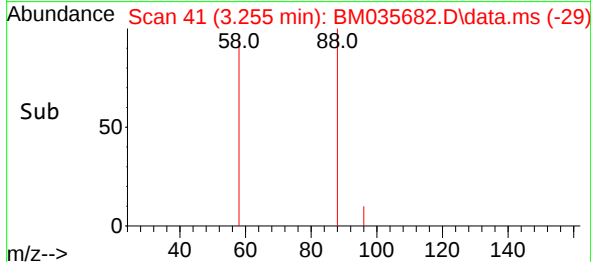
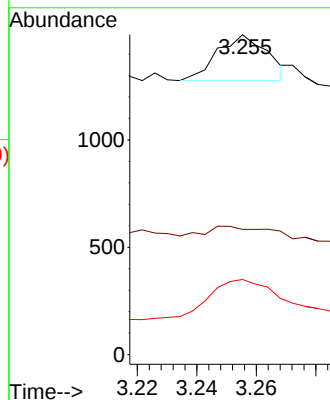
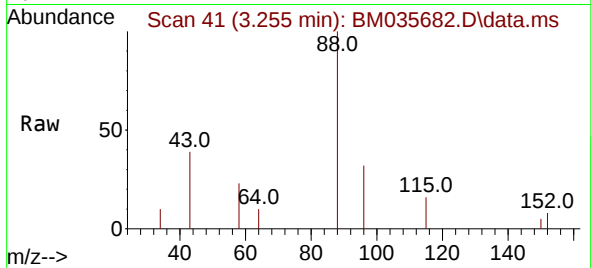




#2
1,4-Dioxane
Concen: 0.053 ng/ul
RT: 3.255 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM035682.D
Acq: 25 Jun 2022 11:59

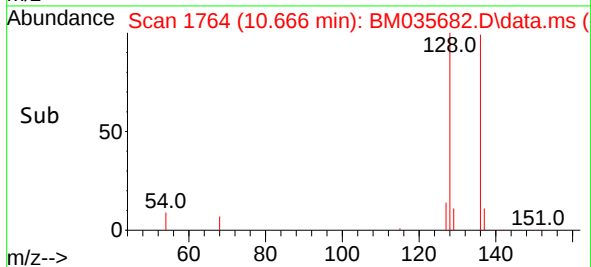
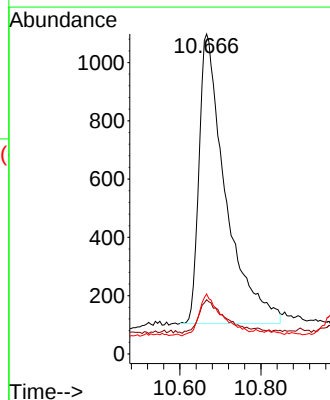
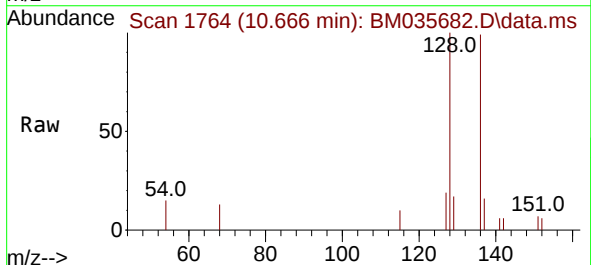
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

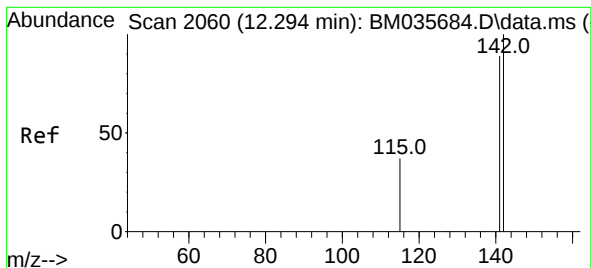
Tgt Ion: 88 Resp: 247
Ion Ratio Lower Upper
88 100
43 39.1 37.8 56.6
58 23.5 42.6 63.8#



#5
Naphthalene
Concen: 0.111 ng/ul
RT: 10.666 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM035682.D
Acq: 25 Jun 2022 11:59

Tgt Ion: 128 Resp: 4514
Ion Ratio Lower Upper
128 100
129 16.9 10.2 15.2#
127 18.8 11.7 17.5#

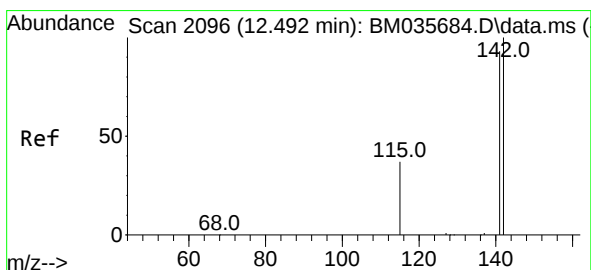
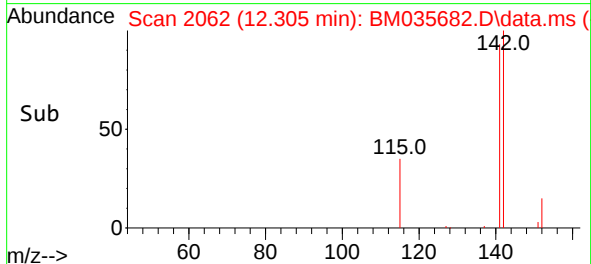
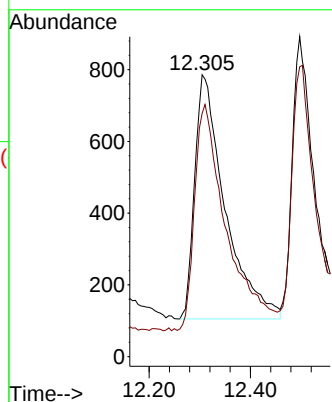
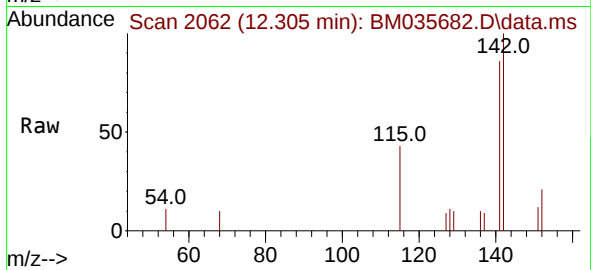




#7
2-Methylnaphthalene
Concen: 0.122 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. 0.011 min
Lab File: BM035682.D
Acq: 25 Jun 2022 11:59

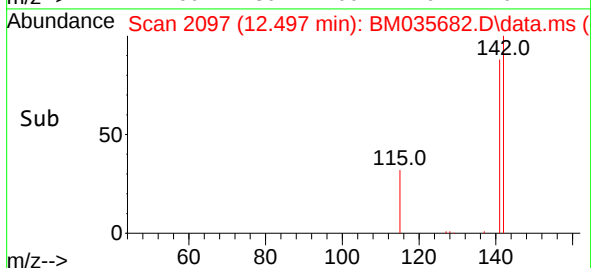
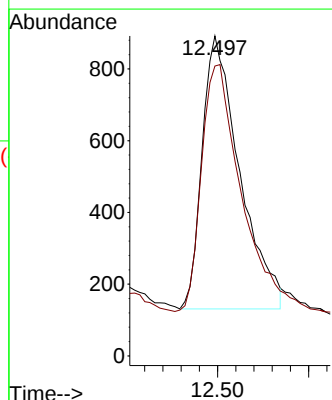
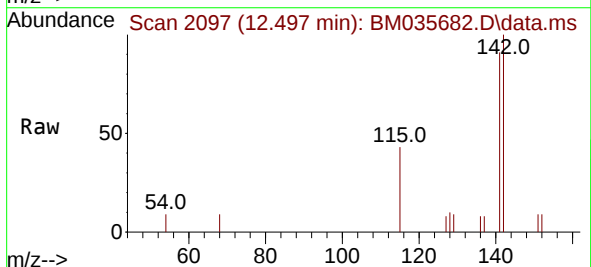
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

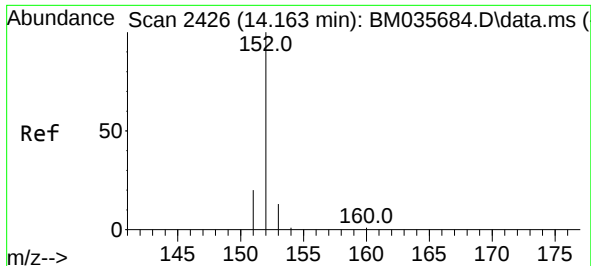
Tgt Ion:142 Resp: 2829
Ion Ratio Lower Upper
142 100
141 97.9 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.497 min Scan# 2097
Delta R.T. 0.005 min
Lab File: BM035682.D
Acq: 25 Jun 2022 11:59

Tgt Ion:142 Resp: 2178
Ion Ratio Lower Upper
142 100
141 93.7 74.1 111.1

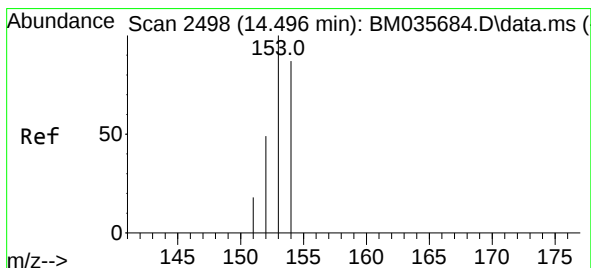
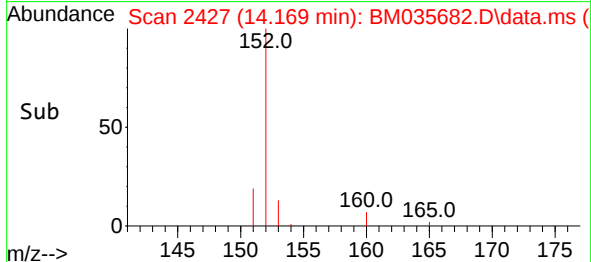
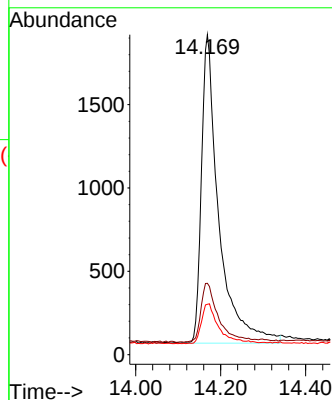
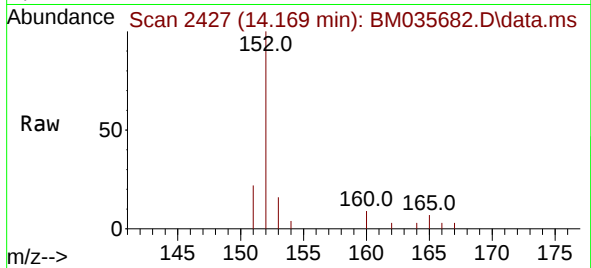




#10
Acenaphthylene
Concen: 0.115 ng/ul
RT: 14.169 min Scan# 2427
Delta R.T. 0.005 min
Lab File: BM035682.D
Acq: 25 Jun 2022 11:59

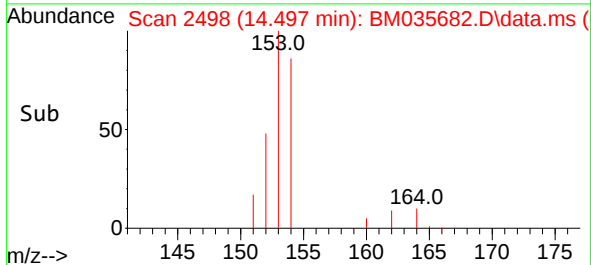
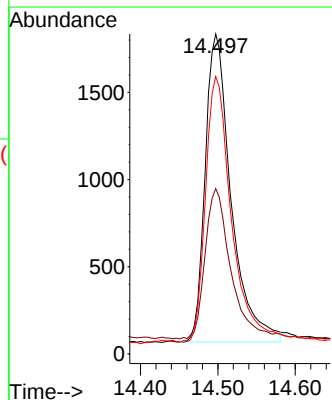
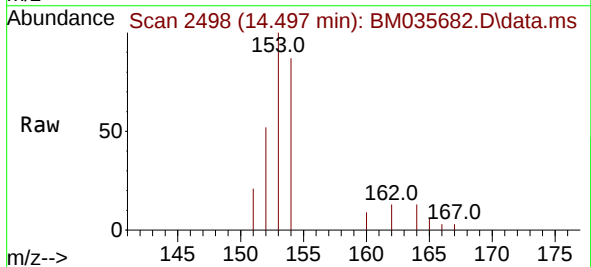
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

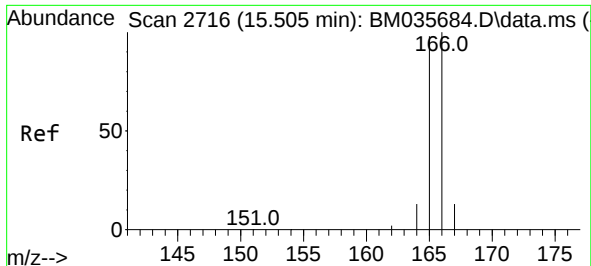
Tgt Ion:152 Resp: 5237
Ion Ratio Lower Upper
152 100
151 22.3 16.6 24.8
153 15.7 11.4 17.0



#11
Acenaphthene
Concen: 0.122 ng/ul
RT: 14.497 min Scan# 2498
Delta R.T. 0.001 min
Lab File: BM035682.D
Acq: 25 Jun 2022 11:59

Tgt Ion:153 Resp: 4117
Ion Ratio Lower Upper
153 100
152 51.7 40.2 60.4
154 86.7 69.7 104.5

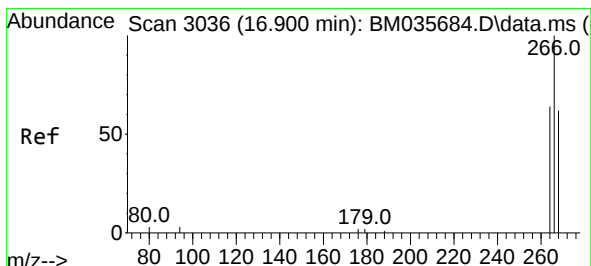
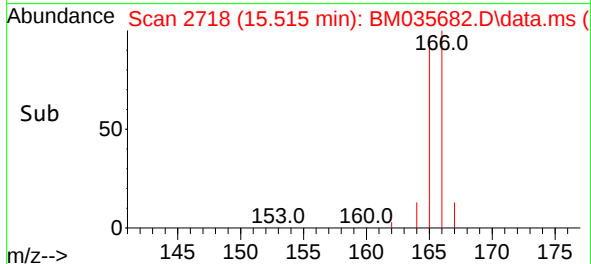
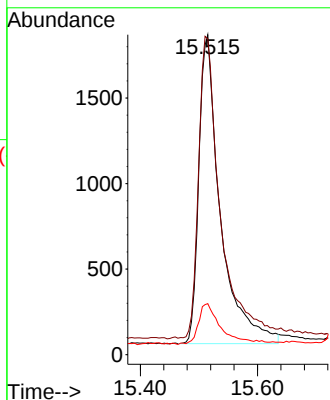
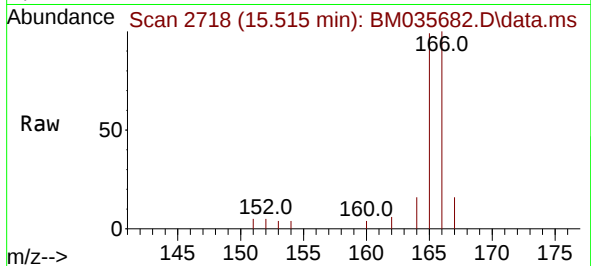




#12
 Fluorene
 Concen: 0.121 ng/ul
 RT: 15.515 min Scan# 2716
 Delta R.T. 0.010 min
 Lab File: BM035682.D
 Acq: 25 Jun 2022 11:59

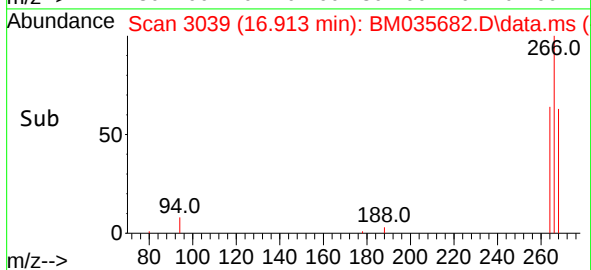
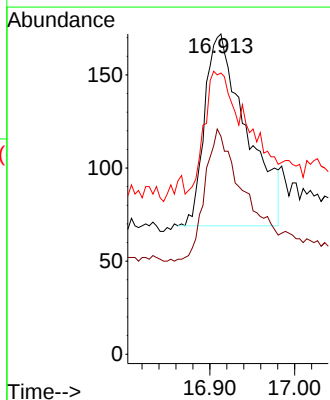
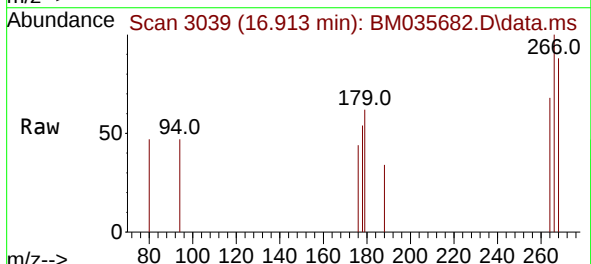
Instrument :
 BNA_M
 ClientSampleId :
 SST0.1001

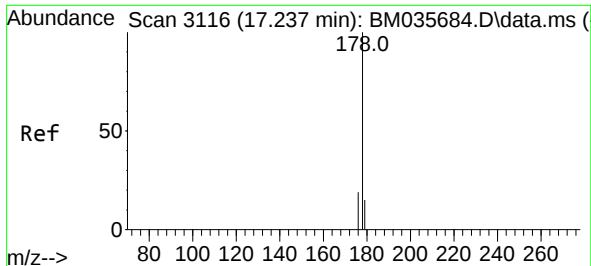
Tgt Ion:166	Resp:	4618
Ion Ratio	Lower	Upper
166	100	
165	98.7	78.9 118.3
167	15.9	11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.104 ng/ul
 RT: 16.913 min Scan# 3039
 Delta R.T. 0.013 min
 Lab File: BM035682.D
 Acq: 25 Jun 2022 11:59

Tgt Ion:266	Resp:	352
Ion Ratio	Lower	Upper
266	100	
264	66.8	50.3 75.5
268	63.1	53.5 80.3

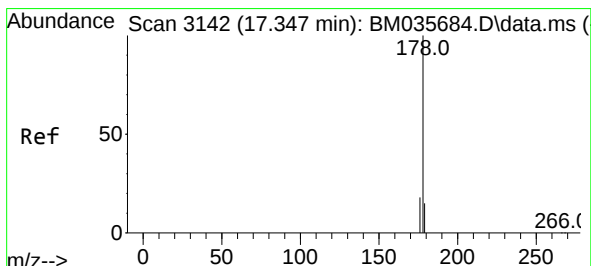
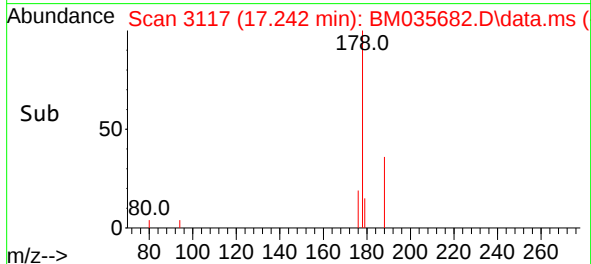
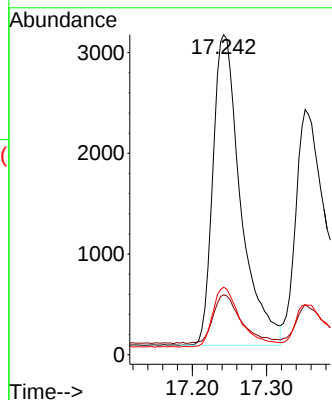
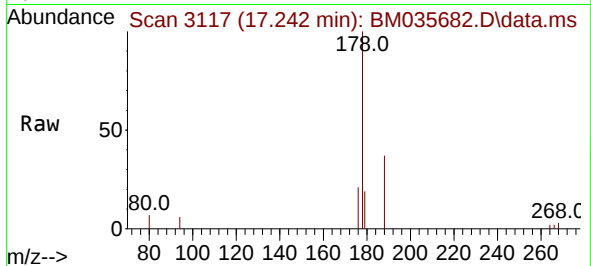




#15
Phenanthrene
Concen: 0.124 ng/ul
RT: 17.242 min Scan# 3116
Delta R.T. 0.005 min
Lab File: BM035682.D
Acq: 25 Jun 2022 11:59

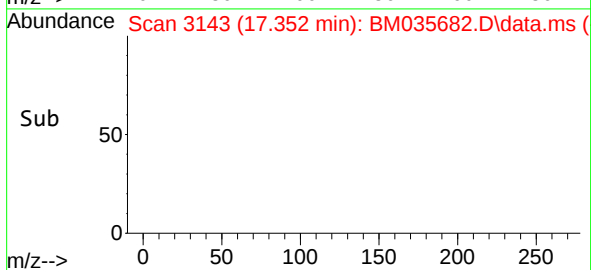
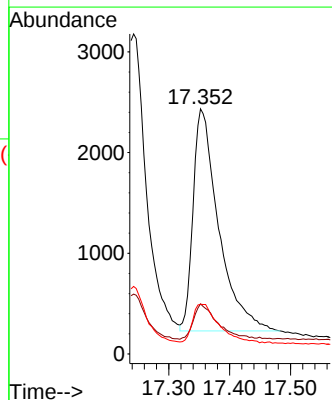
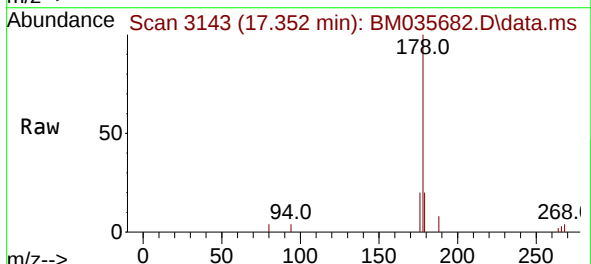
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

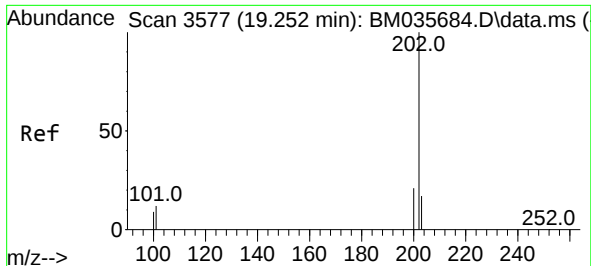
Tgt Ion:178 Resp: 8032
Ion Ratio Lower Upper
178 100
179 18.7 13.0 19.6
176 21.1 15.6 23.4



#16
Anthracene
Concen: 0.114 ng/ul
RT: 17.352 min Scan# 3143
Delta R.T. 0.005 min
Lab File: BM035682.D
Acq: 25 Jun 2022 11:59

Tgt Ion:178 Resp: 6437
Ion Ratio Lower Upper
178 100
179 20.4 13.6 20.4#
176 20.3 15.6 23.4

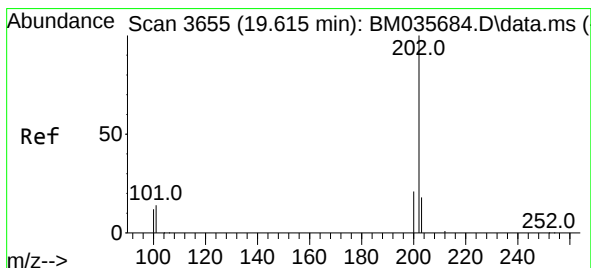
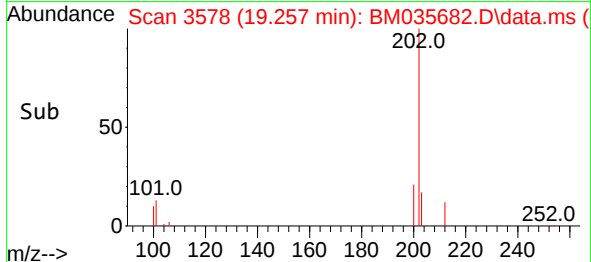
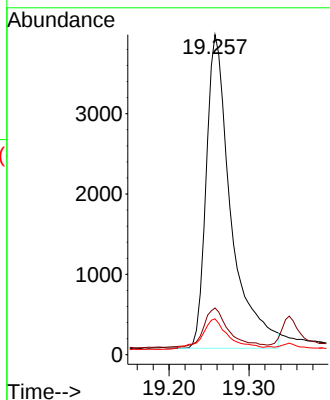
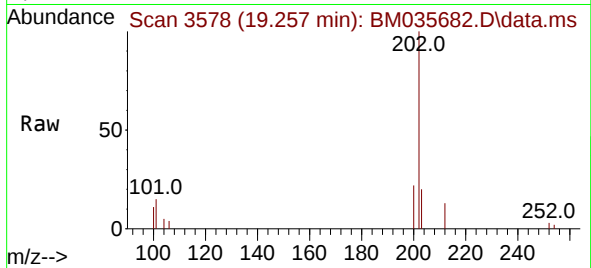




#19
Fluoranthene
Concen: 0.119 ng/ul
RT: 19.257 min Scan# 31
Delta R.T. 0.005 min
Lab File: BM035682.D
Acq: 25 Jun 2022 11:59

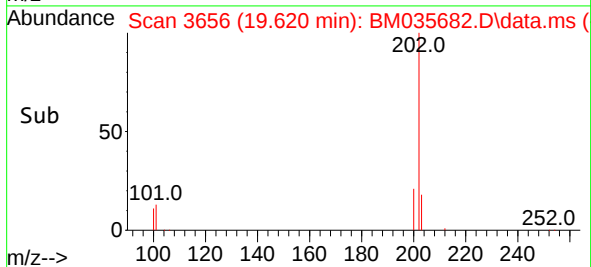
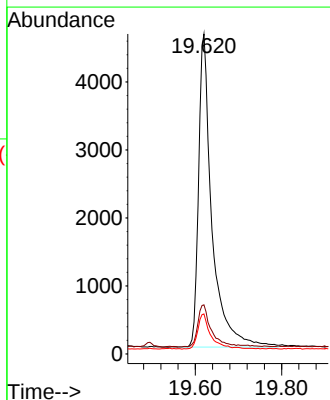
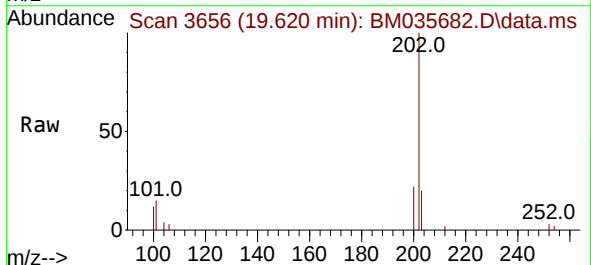
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

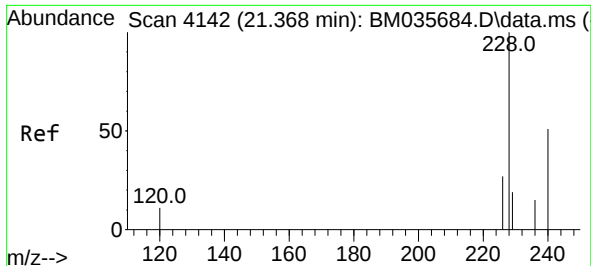
Tgt Ion:202 Resp: 8393
Ion Ratio Lower Upper
202 100
101 14.6 10.1 15.1
100 11.2 7.9 11.9



#20
Pyrene
Concen: 0.135 ng/ul
RT: 19.620 min Scan# 3656
Delta R.T. 0.005 min
Lab File: BM035682.D
Acq: 25 Jun 2022 11:59

Tgt Ion:202 Resp: 9929
Ion Ratio Lower Upper
202 100
101 15.4 12.0 18.0
100 12.5 9.8 14.6

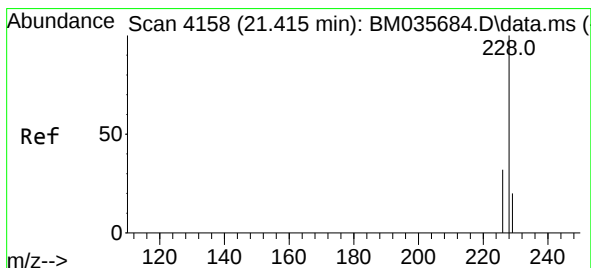
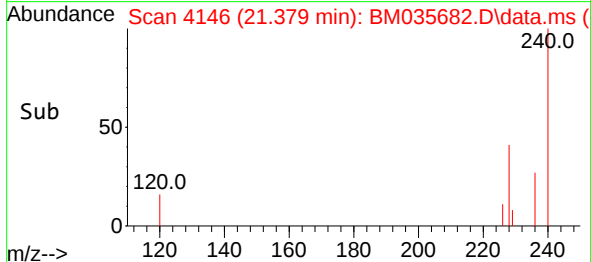
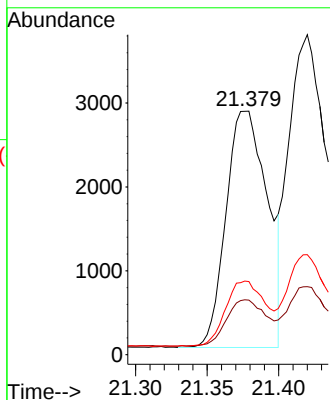
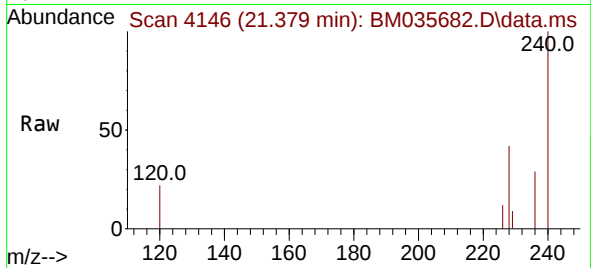




#21
Benzo(a)anthracene
Concen: 0.109 ng/ul
RT: 21.379 min Scan# 4142
Delta R.T. 0.011 min
Lab File: BM035682.D
Acq: 25 Jun 2022 11:59

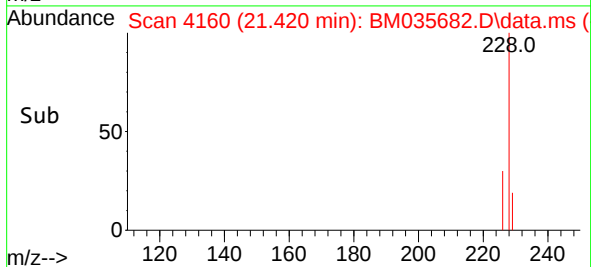
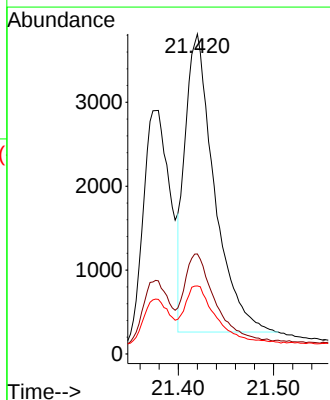
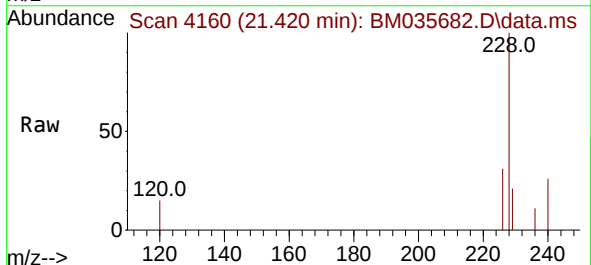
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

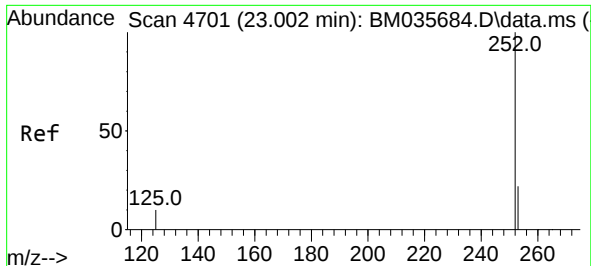
Tgt Ion:228 Resp: 5686
Ion Ratio Lower Upper
228 100
229 22.4 16.2 24.2
226 30.0 22.5 33.7



#22
Chrysene
Concen: 0.122 ng/ul
RT: 21.420 min Scan# 4160
Delta R.T. 0.005 min
Lab File: BM035682.D
Acq: 25 Jun 2022 11:59

Tgt Ion:228 Resp: 7573
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 21.3 16.4 24.6

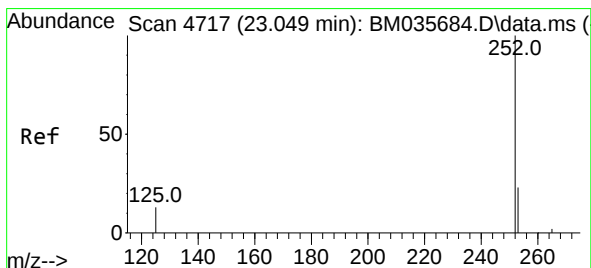
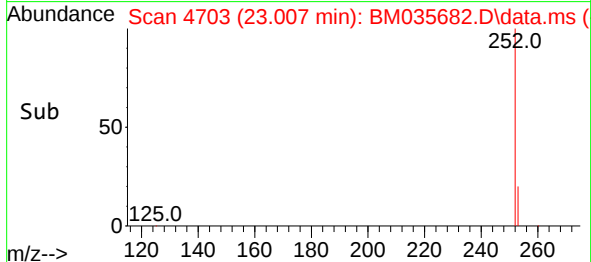
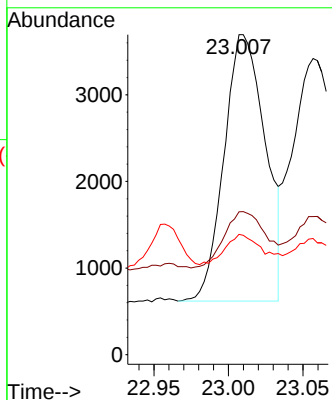
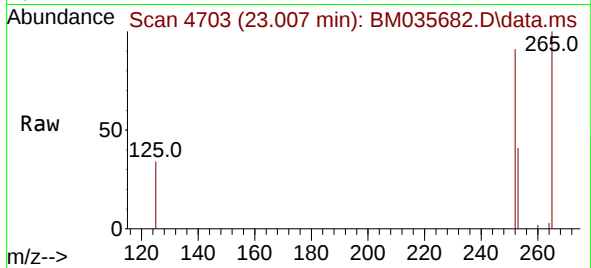




#24
Benzo(b)fluoranthene
Concen: 0.112 ng/ul
RT: 23.007 min Scan# 41
Delta R.T. 0.005 min
Lab File: BM035682.D
Acq: 25 Jun 2022 11:59

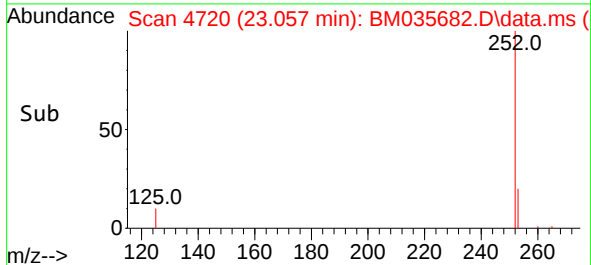
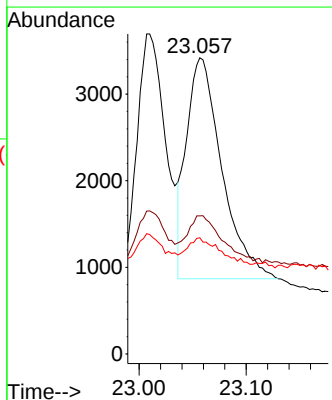
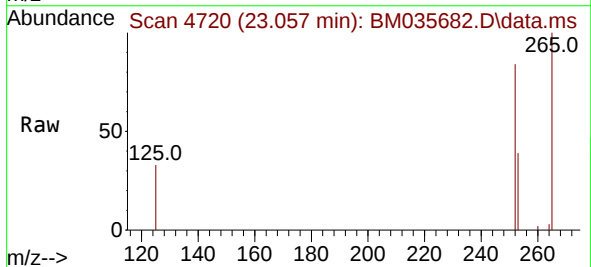
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

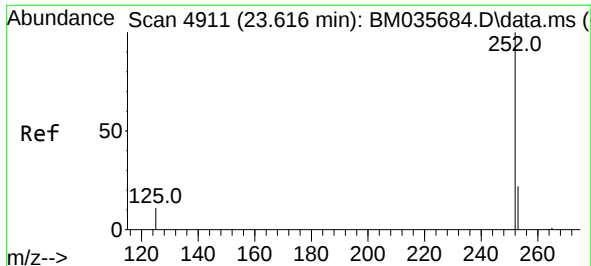
Tgt Ion:252 Resp: 5914
Ion Ratio Lower Upper
252 100
253 44.6 0.0 61.4
125 37.6 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.107 ng/ul
RT: 23.057 min Scan# 4720
Delta R.T. 0.008 min
Lab File: BM035682.D
Acq: 25 Jun 2022 11:59

Tgt Ion:252 Resp: 5856
Ion Ratio Lower Upper
252 100
253 46.7 25.2 37.8#
125 39.2 18.3 27.5#

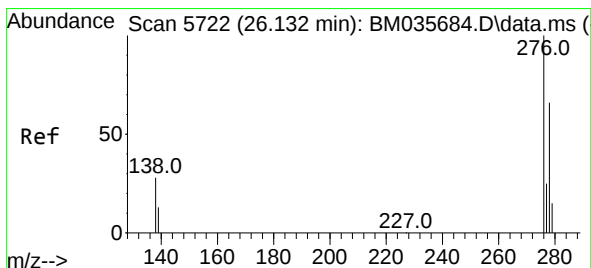
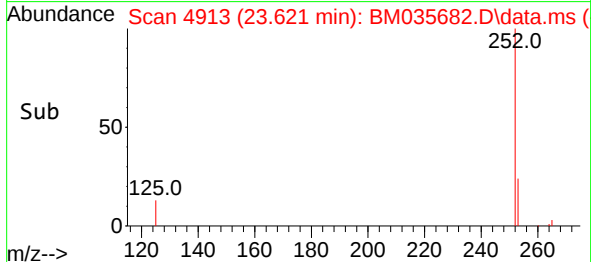
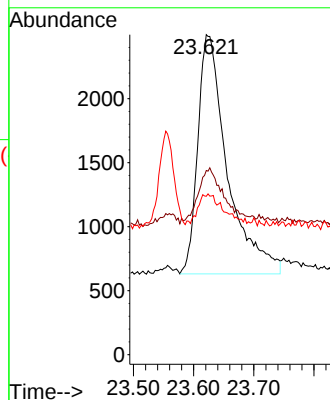
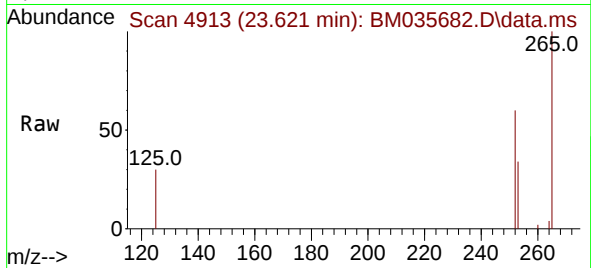




#26
Benzo(a)pyrene
Concen: 0.116 ng/ul
RT: 23.621 min Scan# 4911
Delta R.T. 0.005 min
Lab File: BM035682.D
Acq: 25 Jun 2022 11:59

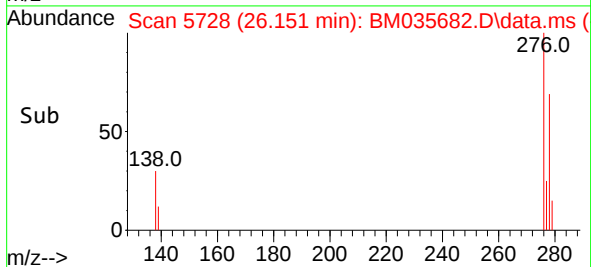
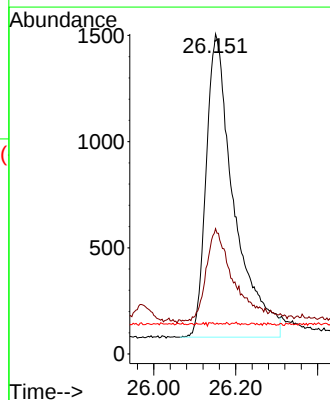
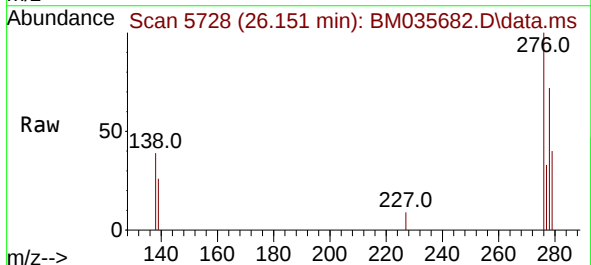
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

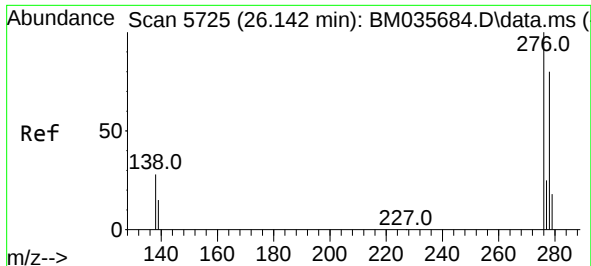
Tgt Ion:252 Resp: 6380
Ion Ratio Lower Upper
252 100
253 57.6 29.7 44.5#
125 49.5 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.106 ng/ul
RT: 26.151 min Scan# 5728
Delta R.T. 0.019 min
Lab File: BM035682.D
Acq: 25 Jun 2022 11:59

Tgt Ion:276 Resp: 6713
Ion Ratio Lower Upper
276 100
138 30.0 23.9 35.9
227 0.1 0.1 0.1#

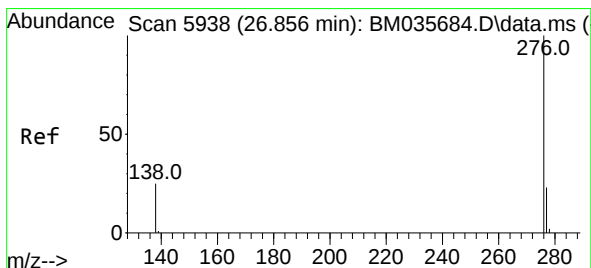
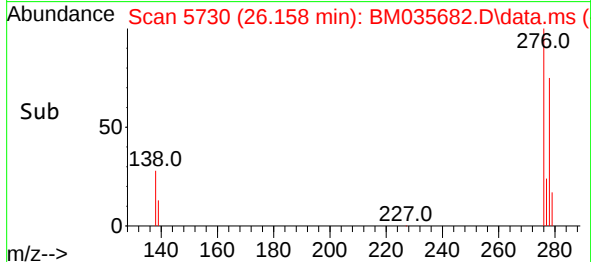
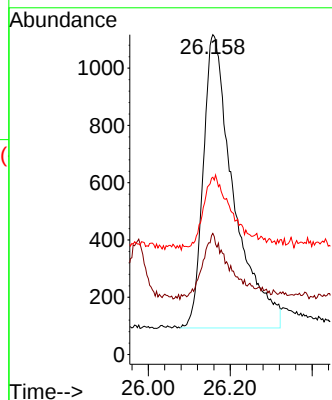
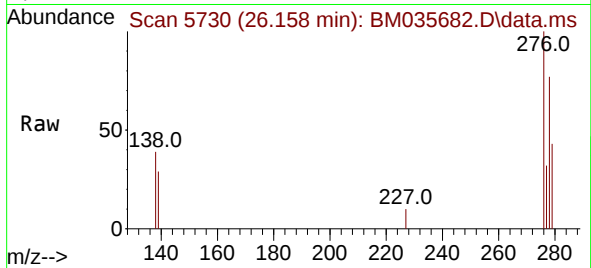




#28
 Dibenzo(a,h)anthracene
 Concen: 0.102 ng/ul
 RT: 26.158 min Scan# 51
 Delta R.T. 0.016 min
 Lab File: BM035682.D
 Acq: 25 Jun 2022 11:59

Instrument :
 BNA_M
 ClientSampleId :
 SST00.1001

Tgt Ion:278 Resp: 5285
 Ion Ratio Lower Upper
 278 100
 139 37.9 19.8 29.6#
 279 55.4 27.7 41.5#



#29
 Benzo(g,h,i)perylene
 Concen: 0.112 ng/ul
 RT: 26.879 min Scan# 5945
 Delta R.T. 0.023 min
 Lab File: BM035682.D
 Acq: 25 Jun 2022 11:59

Tgt Ion:276 Resp: 6359
 Ion Ratio Lower Upper
 276 100
 138 37.0 23.4 35.0#
 277 30.9 21.0 31.4

