

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
 Data File : BM036882.D
 Acq On : 08 Oct 2022 06:12
 Operator : CG/JU
 Sample : N4873-08MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXZ54MSD

Quant Time: Oct 08 06:42:31 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 06 17:02:30 2022
 Response via : Initial Calibration

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

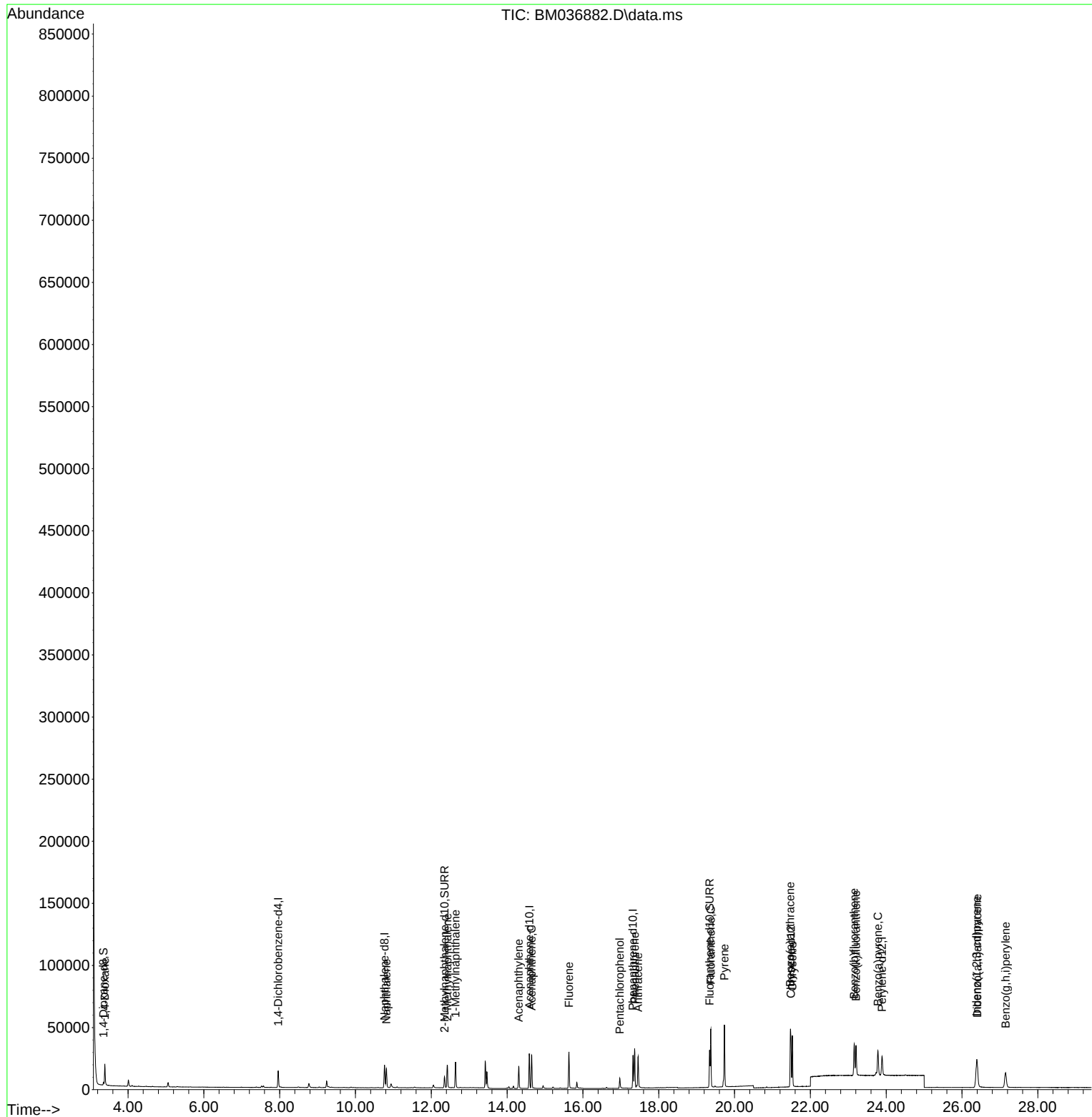
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	7154	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	25629	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.585	164	15118	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	31732	0.400	ng/ul	0.00
17) Chrysene-d12	21.490	240	26211	0.400	ng/ul	0.00
23) Perylene-d12	23.890	264	21564	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	1657	0.164	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	11961	0.309	ng/ul	-0.01
18) Fluoranthene-d10	19.341	212	31718	0.405	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	11382	1.154	ng/ul#	82
5) Naphthalene	10.814	128	21384	0.292	ng/ul	97
7) 2-Methylnaphthalene	12.426	142	13598	0.303	ng/ul	91
8) 1-Methylnaphthalene	12.640	142	14281	0.314	ng/ul	98
10) Acenaphthylene	14.307	152	20345	0.324	ng/ul	99
11) Acenaphthene	14.645	153	15791	0.290	ng/ul	100
12) Fluorene	15.631	166	18765	0.304	ng/ul	100
14) Pentachlorophenol	16.972	266	5781	0.753	ng/ul	98
15) Phenanthrene	17.365	178	33707	0.333	ng/ul	100
16) Anthracene	17.458	178	29268	0.346	ng/ul	99
19) Fluoranthene	19.374	202	40082	0.384	ng/ul	98
20) Pyrene	19.731	202	41897	0.385	ng/ul	99
21) Benzo(a)anthracene	21.473	228	35182	0.372	ng/ul	99
22) Chrysene	21.525	228	36150	0.356	ng/ul	99
24) Benzo(b)fluoranthene	23.156	252	33439	0.347	ng/ul	95
25) Benzo(k)fluoranthene	23.206	252	31134	0.332	ng/ul	95
26) Benzo(a)pyrene	23.782	252	30195	0.386	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.386	276	30215	0.273	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.402	278	24655	0.276	ng/ul	93
29) Benzo(g,h,i)perylene	27.150	276	26112	0.268	ng/ul	99

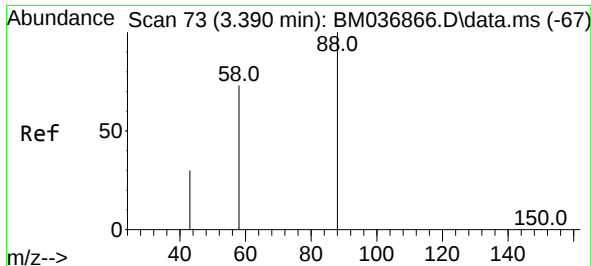
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
Data File : BM036882.D
Acq On : 08 Oct 2022 06:12
Operator : CG/JU
Sample : N4873-08MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXZ54MSD

Quant Time: Oct 08 06:42:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 17:02:30 2022
Response via : Initial Calibration

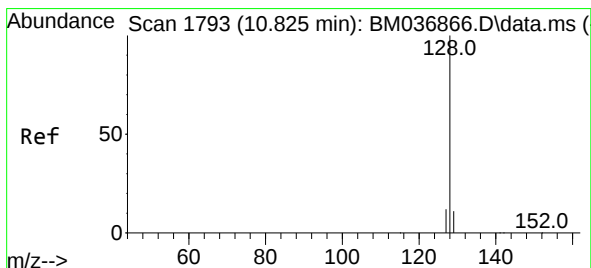
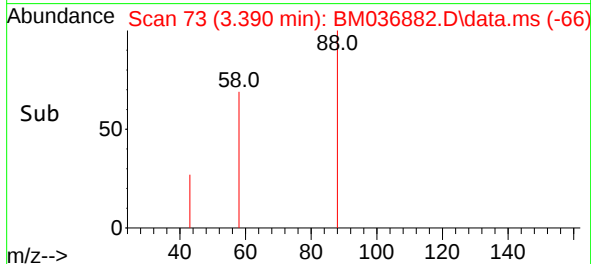
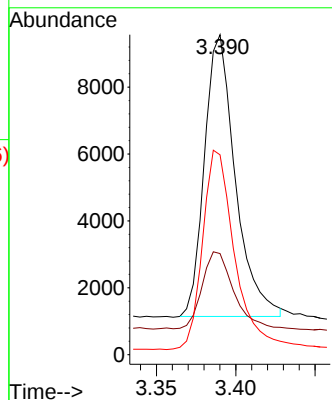
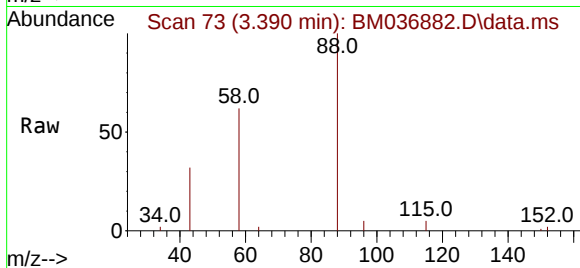




#2
1,4-Dioxane
Concen: 1.154 ng/ul
RT: 3.390 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM036882.D
Acq: 08 Oct 2022 06:12

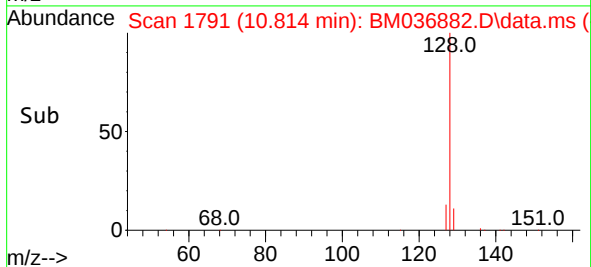
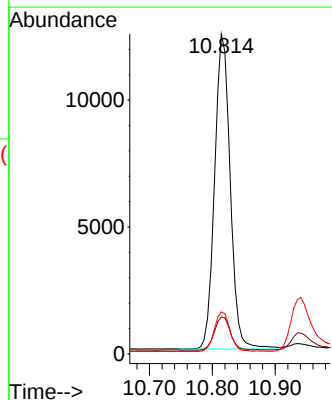
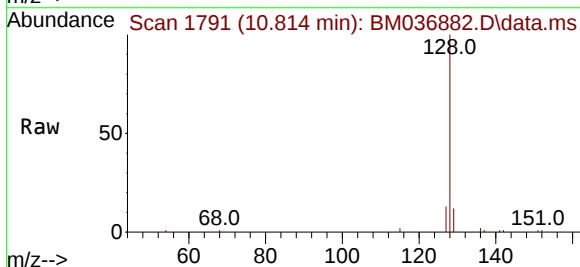
Instrument :
BNA_M
ClientSampleId :
EXZ54MSD

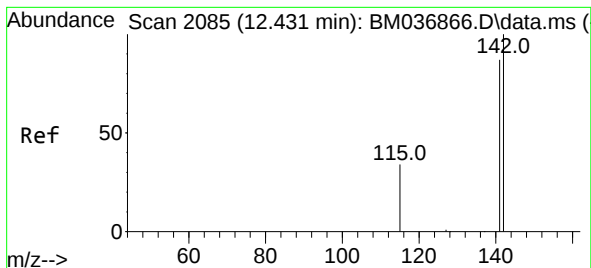
Tgt Ion: 88 Resp: 11382
Ion Ratio Lower Upper
88 100
43 31.6 37.8 56.6#
58 62.4 42.6 63.8



#5
Naphthalene
Concen: 0.292 ng/ul
RT: 10.814 min Scan# 1791
Delta R.T. -0.011 min
Lab File: BM036882.D
Acq: 08 Oct 2022 06:12

Tgt Ion: 128 Resp: 21384
Ion Ratio Lower Upper
128 100
129 11.6 10.2 15.2
127 13.1 11.7 17.5

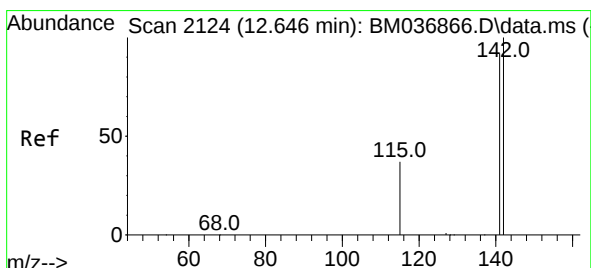
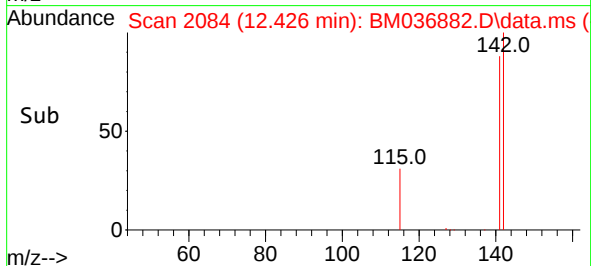
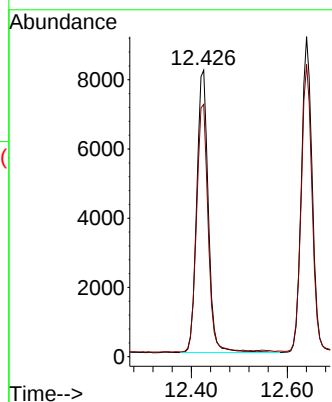
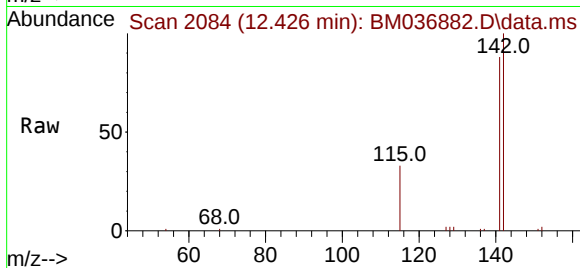




#7
2-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.426 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM036882.D
Acq: 08 Oct 2022 06:12

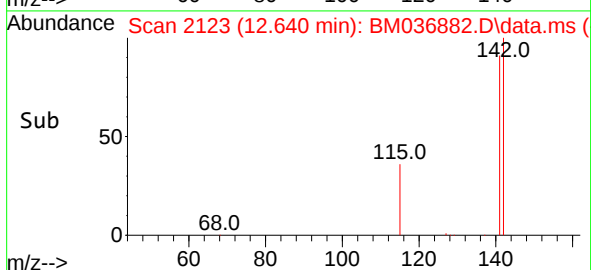
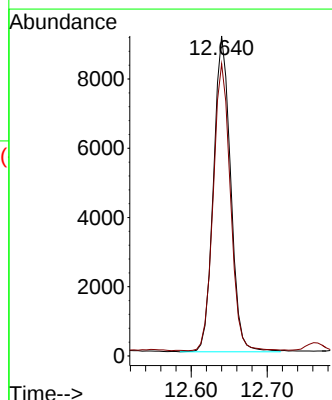
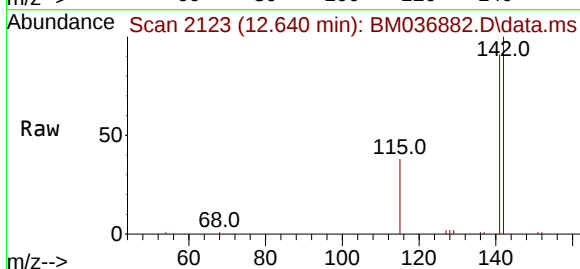
Instrument :
BNA_M
ClientSampleId :
EXZ54MSD

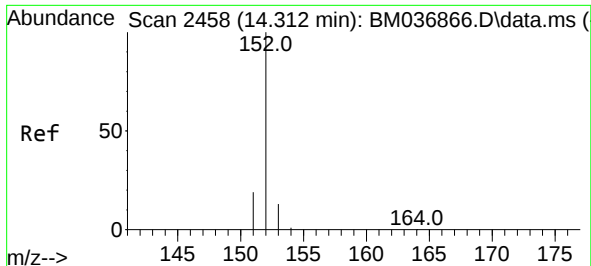
Tgt Ion:142 Resp: 13598
Ion Ratio Lower Upper
142 100
141 88.3 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.640 min Scan# 2123
Delta R.T. -0.011 min
Lab File: BM036882.D
Acq: 08 Oct 2022 06:12

Tgt Ion:142 Resp: 14281
Ion Ratio Lower Upper
142 100
141 91.0 74.1 111.1

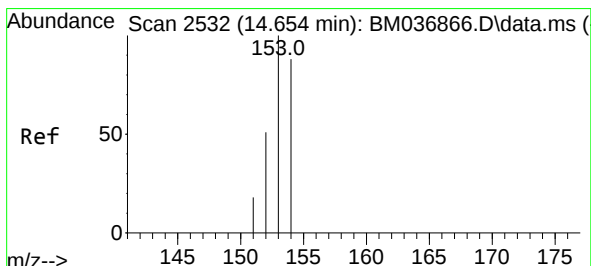
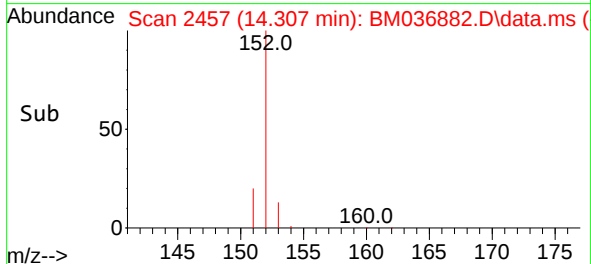
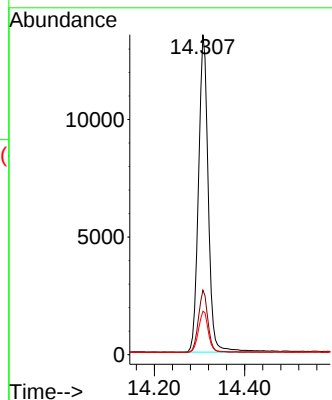
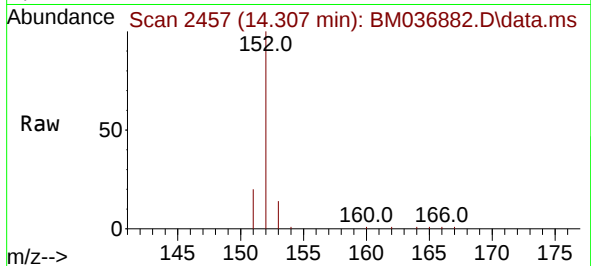




#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.307 min Scan# 2458
Delta R.T. -0.009 min
Lab File: BM036882.D
Acq: 08 Oct 2022 06:12

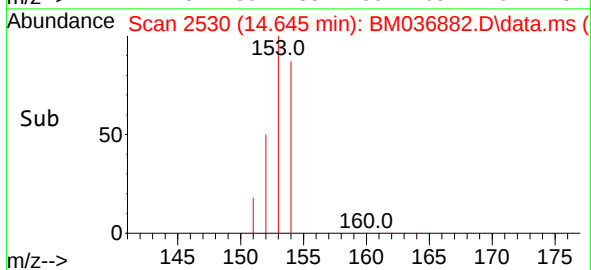
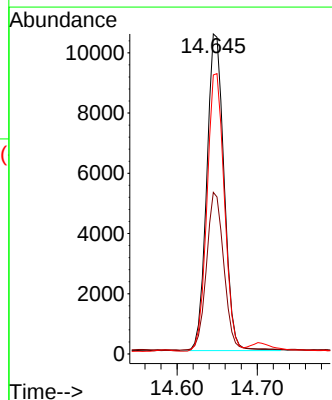
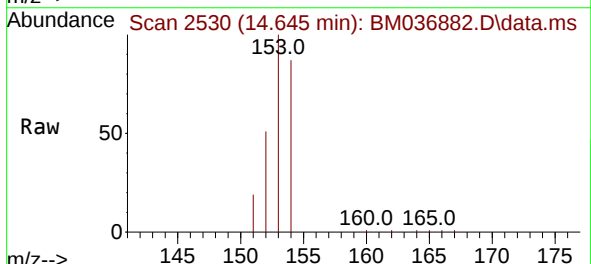
Instrument :
BNA_M
ClientSampleId :
EXZ54MSD

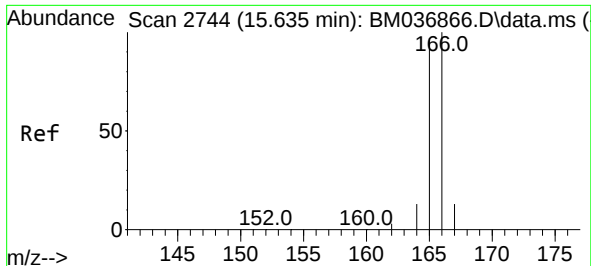
Tgt Ion:152 Resp: 20345
Ion Ratio Lower Upper
152 100
151 20.2 16.6 24.8
153 13.5 11.4 17.0



#11
Acenaphthene
Concen: 0.290 ng/ul
RT: 14.645 min Scan# 2530
Delta R.T. -0.009 min
Lab File: BM036882.D
Acq: 08 Oct 2022 06:12

Tgt Ion:153 Resp: 15791
Ion Ratio Lower Upper
153 100
152 50.5 40.2 60.4
154 87.2 69.7 104.5

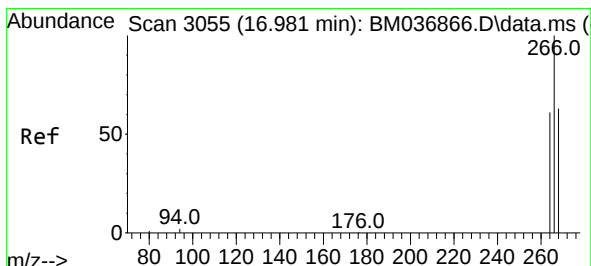
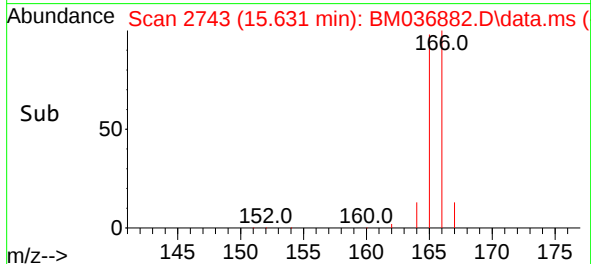
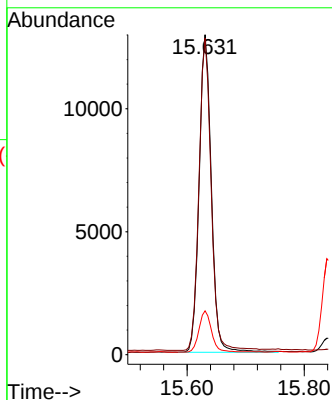
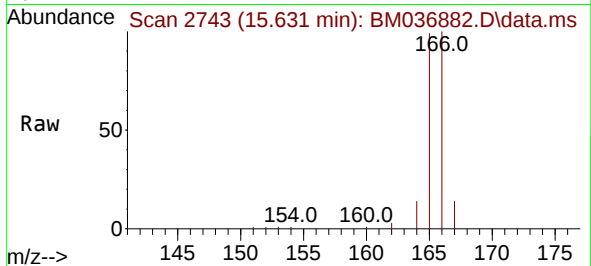




#12
Fluorene
Concen: 0.304 ng/ul
RT: 15.631 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM036882.D
Acq: 08 Oct 2022 06:12

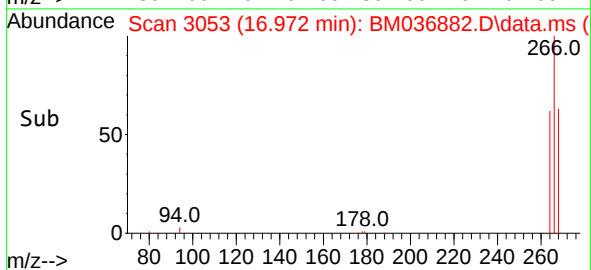
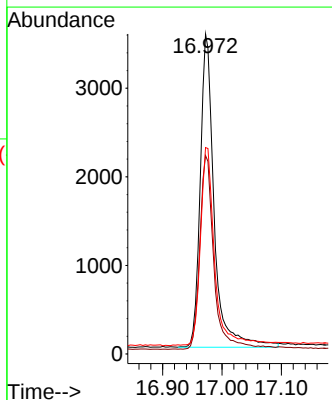
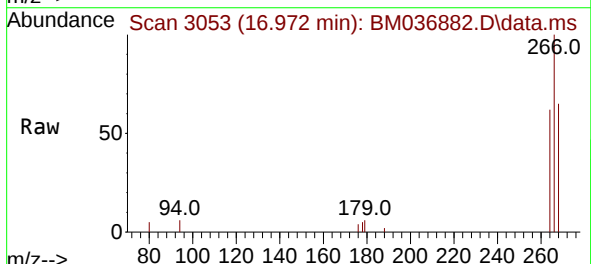
Instrument :
BNA_M
ClientSampleId :
EXZ54MSD

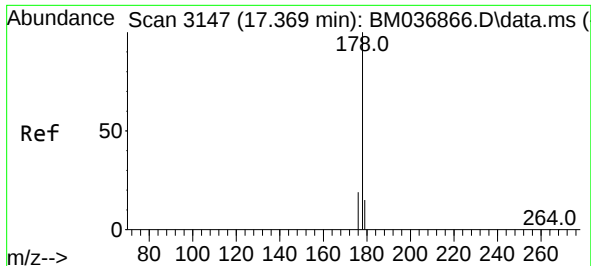
Tgt Ion:166 Resp: 18765
Ion Ratio Lower Upper
166 100
165 99.0 78.9 118.3
167 13.7 11.3 16.9



#14
Pentachlorophenol
Concen: 0.753 ng/ul
RT: 16.972 min Scan# 3053
Delta R.T. -0.017 min
Lab File: BM036882.D
Acq: 08 Oct 2022 06:12

Tgt Ion:266 Resp: 5781
Ion Ratio Lower Upper
266 100
264 62.8 50.3 75.5
268 64.3 53.5 80.3

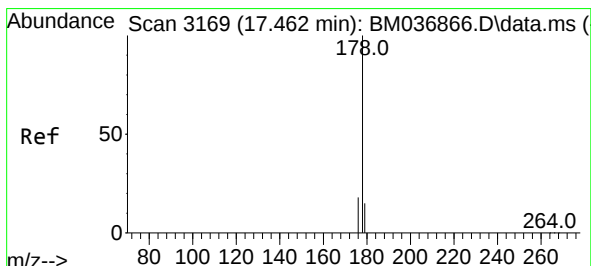
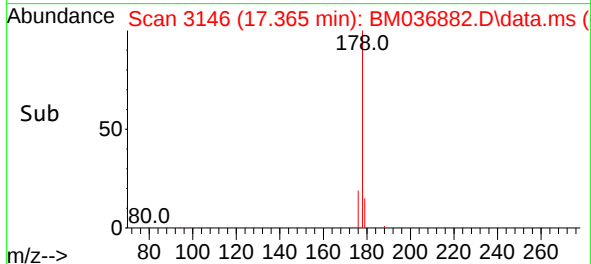
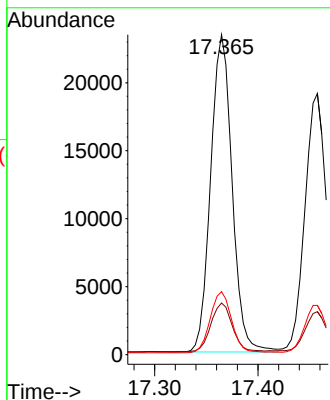
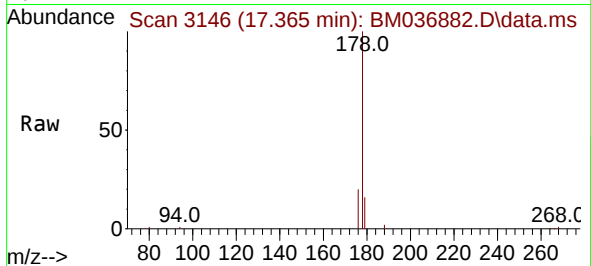




#15
Phenanthrene
Concen: 0.333 ng/ul
RT: 17.365 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BM036882.D
Acq: 08 Oct 2022 06:12

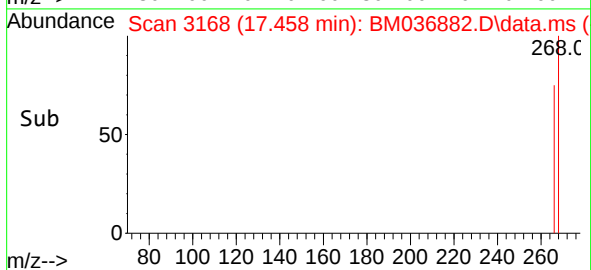
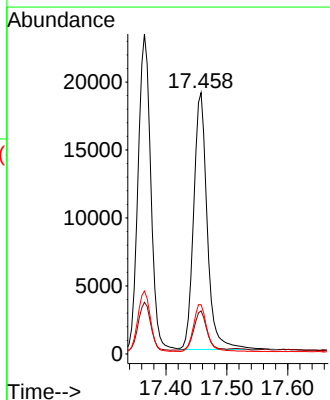
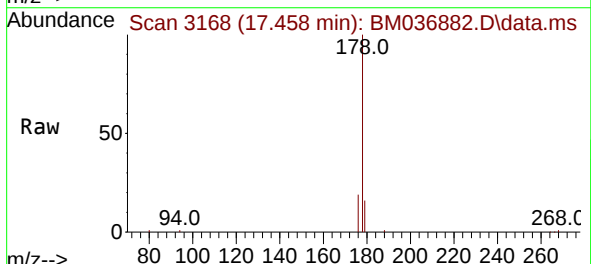
Instrument :
BNA_M
ClientSampleId :
EXZ54MSD

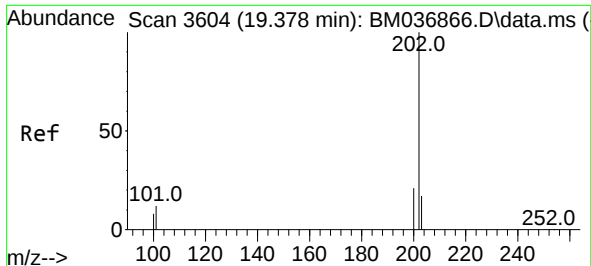
Tgt Ion:178 Resp: 33707
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.346 ng/ul
RT: 17.458 min Scan# 3168
Delta R.T. -0.004 min
Lab File: BM036882.D
Acq: 08 Oct 2022 06:12

Tgt Ion:178 Resp: 29268
Ion Ratio Lower Upper
178 100
179 16.5 13.6 20.4
176 18.8 15.6 23.4

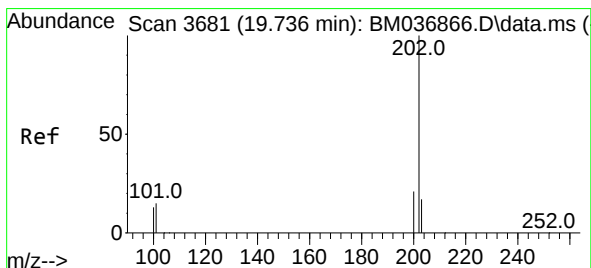
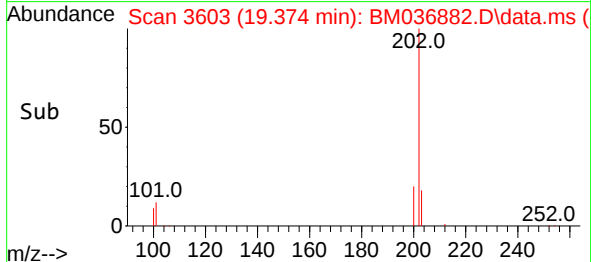
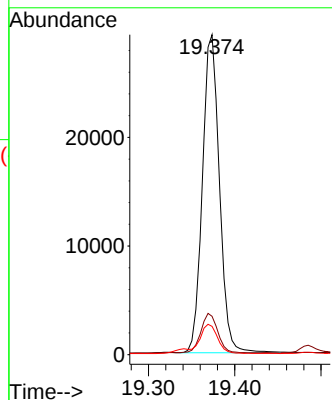
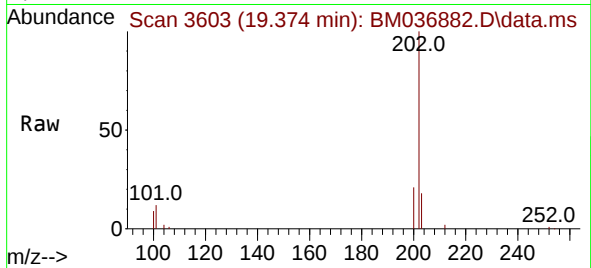




#19
Fluoranthene
Concen: 0.384 ng/ul
RT: 19.374 min Scan# 3603
Delta R.T. -0.005 min
Lab File: BM036882.D
Acq: 08 Oct 2022 06:12

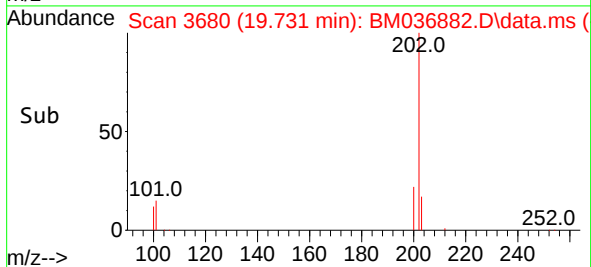
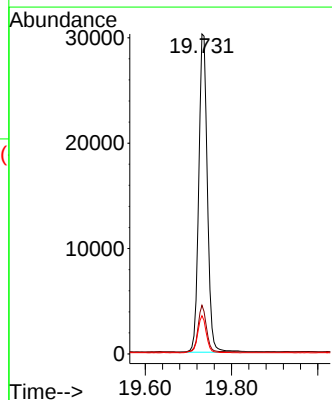
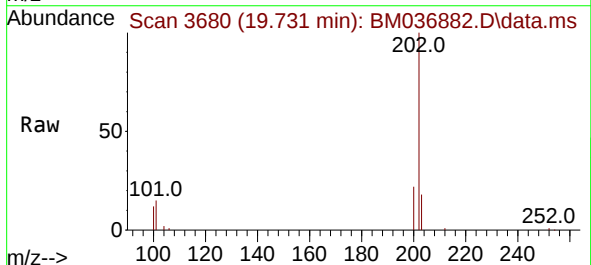
Instrument :
BNA_M
ClientSampleId :
EXZ54MSD

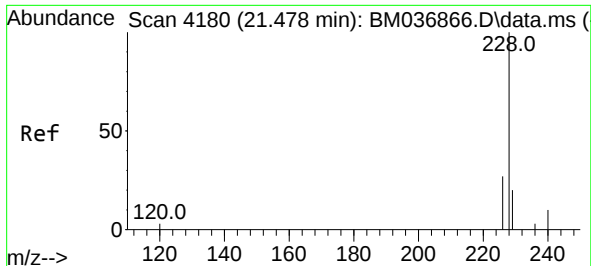
Tgt Ion:202 Resp: 40082
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 8.8 7.9 11.9



#20
Pyrene
Concen: 0.385 ng/ul
RT: 19.731 min Scan# 3680
Delta R.T. -0.009 min
Lab File: BM036882.D
Acq: 08 Oct 2022 06:12

Tgt Ion:202 Resp: 41897
Ion Ratio Lower Upper
202 100
101 15.2 12.0 18.0
100 11.9 9.8 14.6

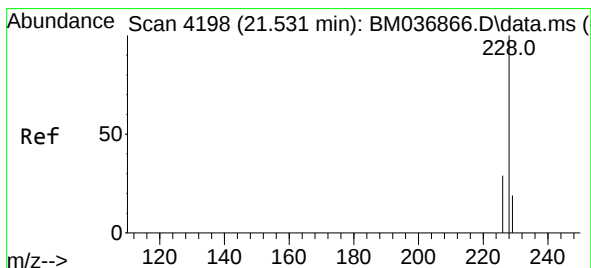
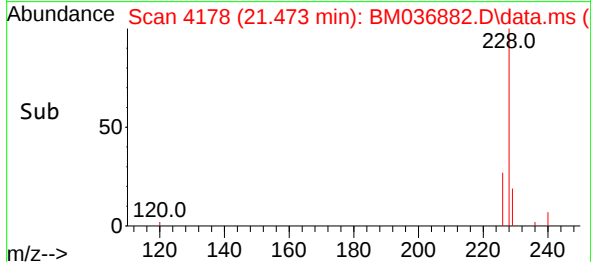
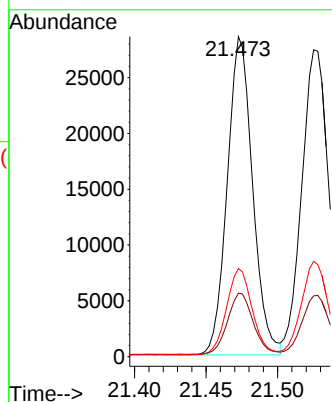
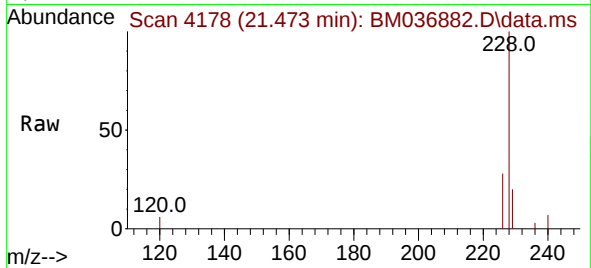




#21
Benzo(a)anthracene
Concen: 0.372 ng/ul
RT: 21.473 min Scan# 4180
Delta R.T. -0.009 min
Lab File: BM036882.D
Acq: 08 Oct 2022 06:12

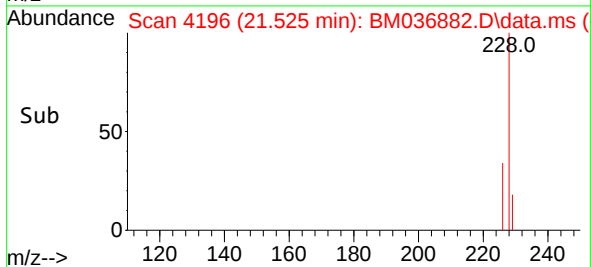
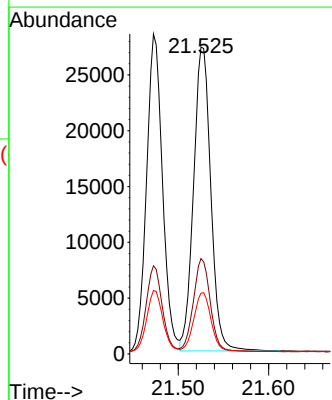
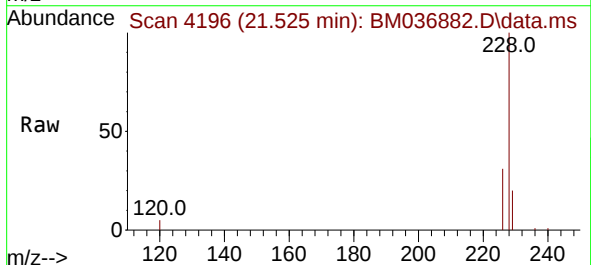
Instrument :
BNA_M
ClientSampleId :
EXZ54MSD

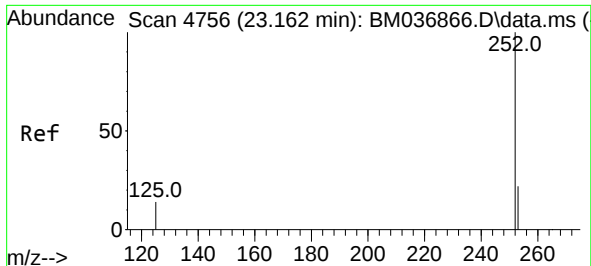
Tgt Ion:228 Resp: 35182
Ion Ratio Lower Upper
228 100
229 19.9 16.2 24.2
226 27.6 22.5 33.7



#22
Chrysene
Concen: 0.356 ng/ul
RT: 21.525 min Scan# 4196
Delta R.T. -0.009 min
Lab File: BM036882.D
Acq: 08 Oct 2022 06:12

Tgt Ion:228 Resp: 36150
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 19.8 16.4 24.6

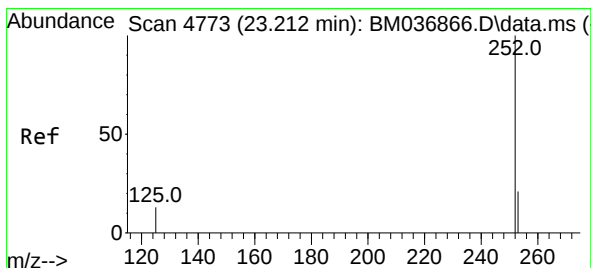
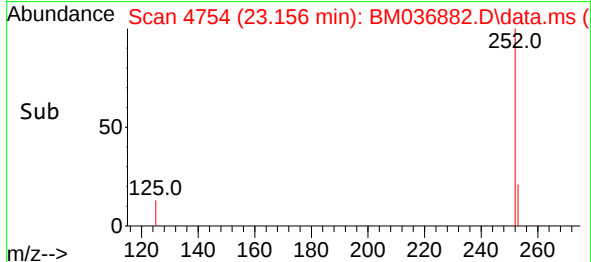
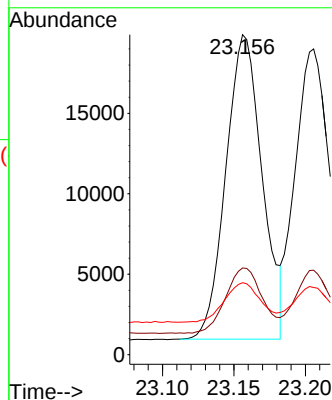
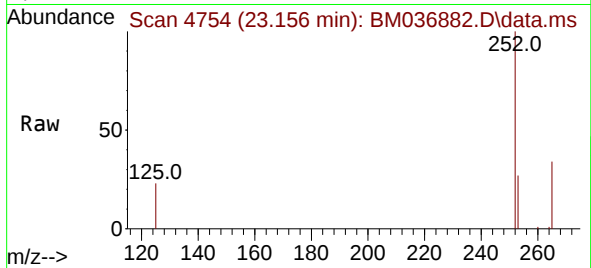




#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 23.156 min Scan# 4754
Delta R.T. -0.012 min
Lab File: BM036882.D
Acq: 08 Oct 2022 06:12

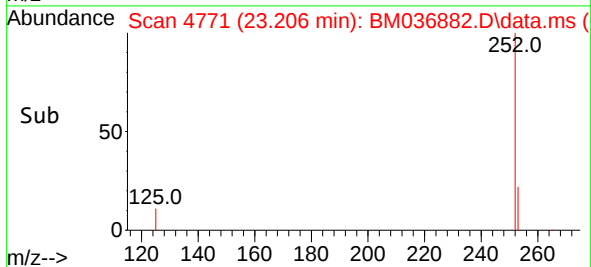
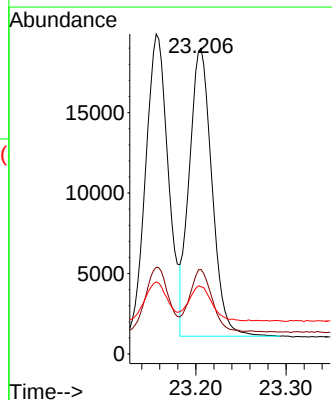
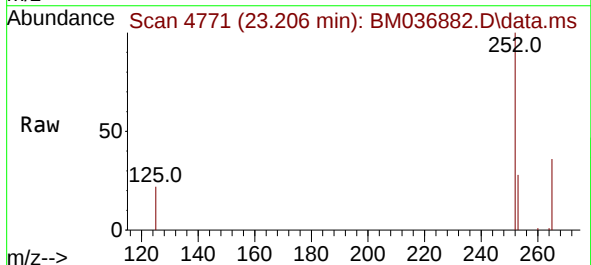
Instrument :
BNA_M
ClientSampleId :
EXZ54MSD

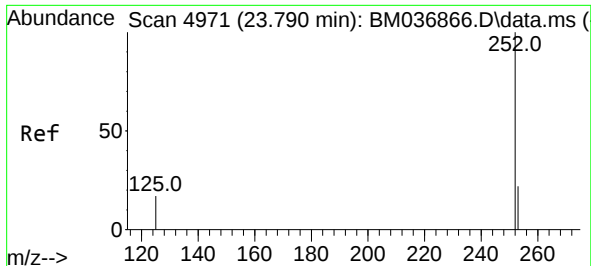
Tgt Ion:252 Resp: 33439
Ion Ratio Lower Upper
252 100
253 27.1 0.0 61.4
125 22.5 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.332 ng/ul
RT: 23.206 min Scan# 4771
Delta R.T. -0.012 min
Lab File: BM036882.D
Acq: 08 Oct 2022 06:12

Tgt Ion:252 Resp: 31134
Ion Ratio Lower Upper
252 100
253 27.6 25.2 37.8
125 22.0 18.3 27.5

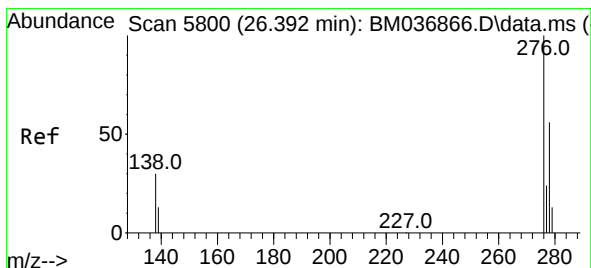
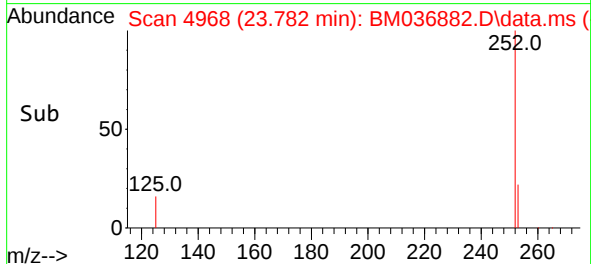
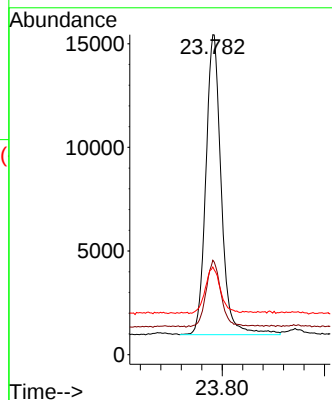
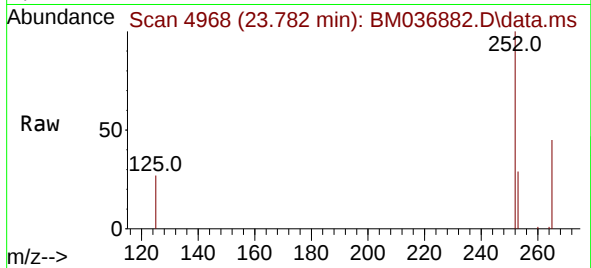




#26
Benzo(a)pyrene
Concen: 0.386 ng/ul
RT: 23.782 min Scan# 4968
Delta R.T. -0.012 min
Lab File: BM036882.D
Acq: 08 Oct 2022 06:12

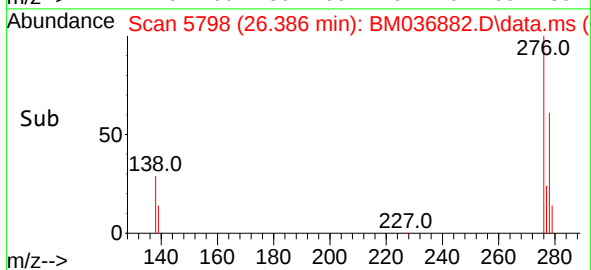
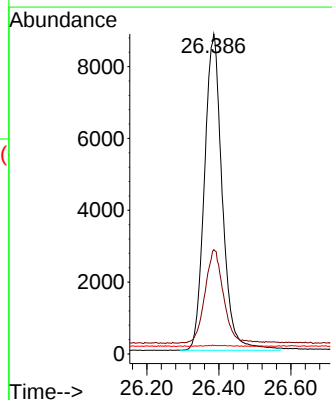
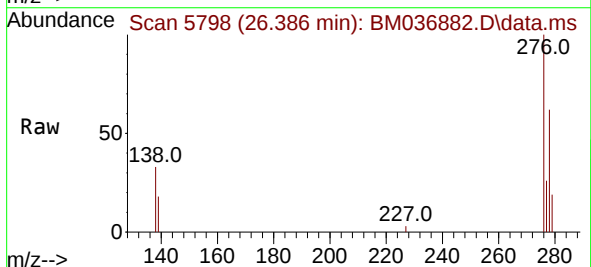
Instrument :
BNA_M
ClientSampleId :
EXZ54MSD

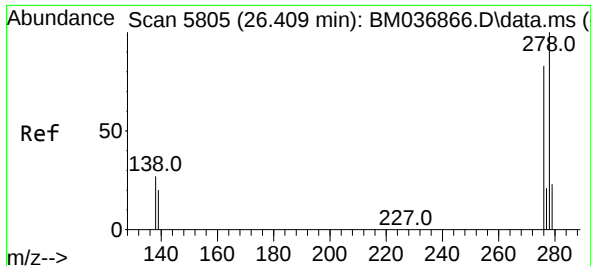
Tgt Ion:252 Resp: 30195
Ion Ratio Lower Upper
252 100
253 29.5 29.7 44.5#
125 27.4 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.273 ng/ul
RT: 26.386 min Scan# 5798
Delta R.T. -0.014 min
Lab File: BM036882.D
Acq: 08 Oct 2022 06:12

Tgt Ion:276 Resp: 30215
Ion Ratio Lower Upper
276 100
138 30.3 23.9 35.9
227 0.3 0.1 0.1#

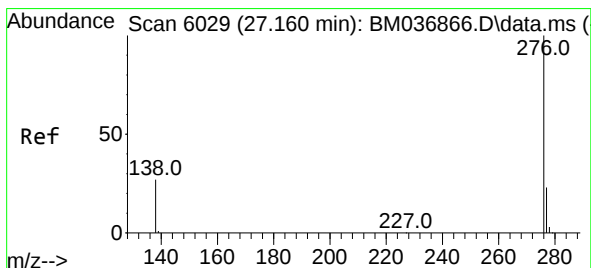
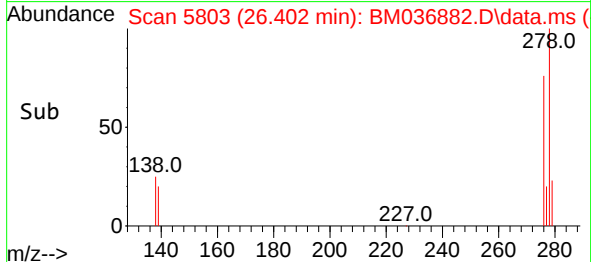
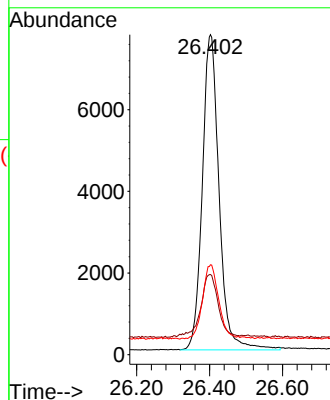
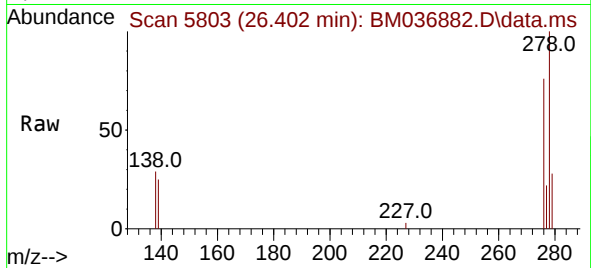




#28
 Dibenzo(a,h)anthracene
 Concen: 0.276 ng/ul
 RT: 26.402 min Scan# 5803
 Delta R.T. -0.017 min
 Lab File: BM036882.D
 Acq: 08 Oct 2022 06:12

Instrument :
 BNA_M
 ClientSampleId :
 EXZ54MSD

Tgt Ion:278 Resp: 24655
 Ion Ratio Lower Upper
 278 100
 139 25.0 19.8 29.6
 279 28.1 27.7 41.5



#29
 Benzo(g,h,i)perylene
 Concen: 0.268 ng/ul
 RT: 27.150 min Scan# 6026
 Delta R.T. -0.014 min
 Lab File: BM036882.D
 Acq: 08 Oct 2022 06:12

Tgt Ion:276 Resp: 26112
 Ion Ratio Lower Upper
 276 100
 138 29.7 23.4 35.0
 277 25.5 21.0 31.4

