

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082622\
 Data File : BM036432.D
 Acq On : 26 Aug 2022 19:04
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4121

Quant Time: Aug 26 23:09:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM082622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 14:26:34 2022
 Response via : Initial Calibration

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

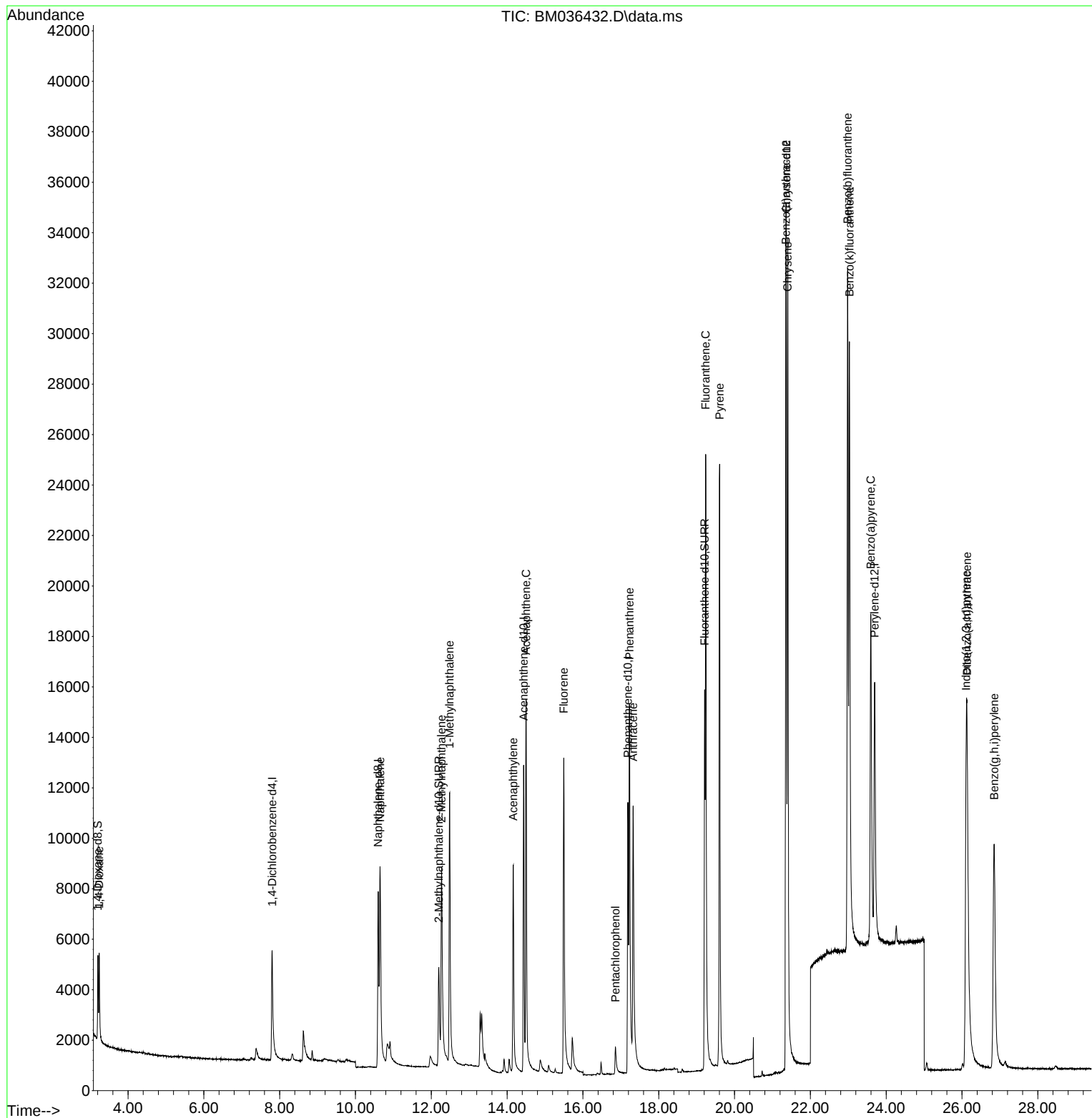
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	3654	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	14498	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.437	164	7910	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.187	188	17180	0.400	ng/ul	0.00
17) Chrysene-d12	21.364	240	23191	0.400	ng/ul	# 0.00
23) Perylene-d12	23.697	264	16533	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	2188	0.445	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	8877	0.383	ng/ul	0.01
18) Fluoranthene-d10	19.211	212	19894	0.694	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.238	88	2209	0.475	ng/ul	92
5) Naphthalene	10.649	128	15124	0.370	ng/ul	98
7) 2-Methylnaphthalene	12.272	142	9244	0.377	ng/ul	94
8) 1-Methylnaphthalene	12.486	142	9667	0.389	ng/ul	100
10) Acenaphthylene	14.164	152	13223	0.404	ng/ul	99
11) Acenaphthene	14.502	153	10263	0.388	ng/ul	99
12) Fluorene	15.496	166	11866	0.383	ng/ul	99
14) Pentachlorophenol	16.858	266	1200	0.353	ng/ul	98
15) Phenanthrene	17.230	178	19686	0.321	ng/ul	100
16) Anthracene	17.327	178	17386	0.357	ng/ul	99
19) Fluoranthene	19.239	202	24325	0.300	ng/ul	100
20) Pyrene	19.606	202	25241	0.300	ng/ul	97
21) Benzo(a)anthracene	21.353	228	24989	0.260	ng/ul	98
22) Chrysene	21.402	228	33172	0.251	ng/ul	98
24) Benzo(b)fluoranthene	22.983	252	39083	0.325	ng/ul	88
25) Benzo(k)fluoranthene	23.030	252	36026	0.297	ng/ul#	86
26) Benzo(a)pyrene	23.595	252	25419	0.334	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.110	276	28039	0.487	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.134	278	22589	0.463	ng/ul#	89
29) Benzo(g,h,i)perylene	26.852	276	24996	0.480	ng/ul	95

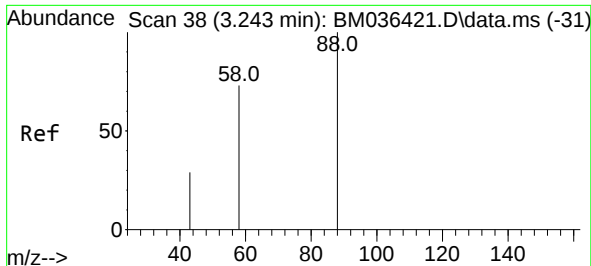
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082622\
Data File : BM036432.D
Acq On : 26 Aug 2022 19:04
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

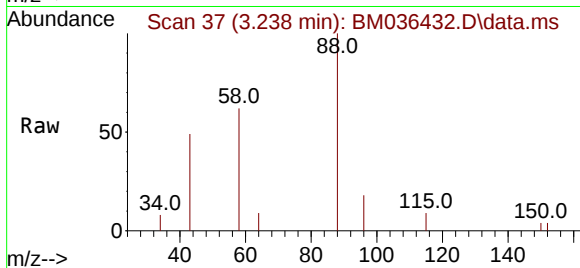
Quant Time: Aug 26 23:09:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM082622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 26 14:26:34 2022
Response via : Initial Calibration





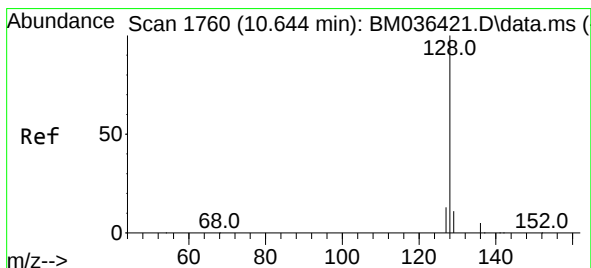
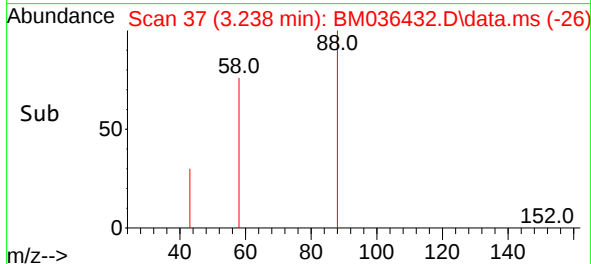
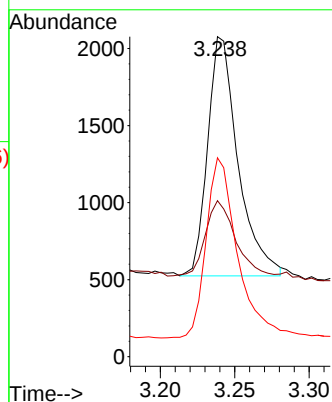
#2
1,4-Dioxane
Concen: 0.475 ng/ul
RT: 3.238 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM036432.D
Acq: 26 Aug 2022 19:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.4121



Tgt Ion: 88 Resp: 2209

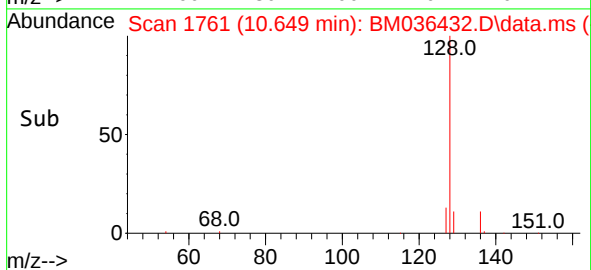
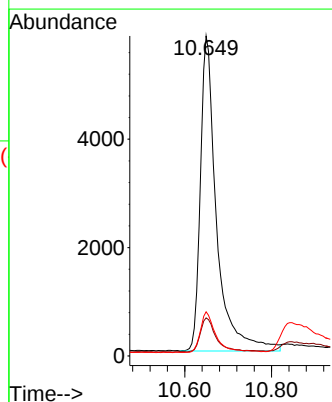
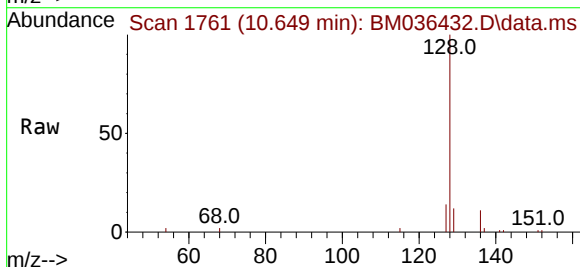
Ion	Ratio	Lower	Upper
88	100		
43	48.8	37.8	56.6
58	62.2	42.6	63.8

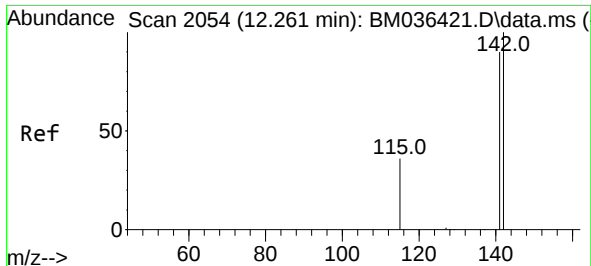


#5
Naphthalene
Concen: 0.370 ng/ul
RT: 10.649 min Scan# 1761
Delta R.T. 0.005 min
Lab File: BM036432.D
Acq: 26 Aug 2022 19:04

Tgt Ion: 128 Resp: 15124

Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.2	15.2
127	13.8	11.7	17.5

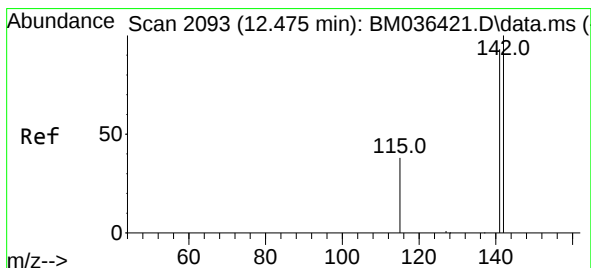
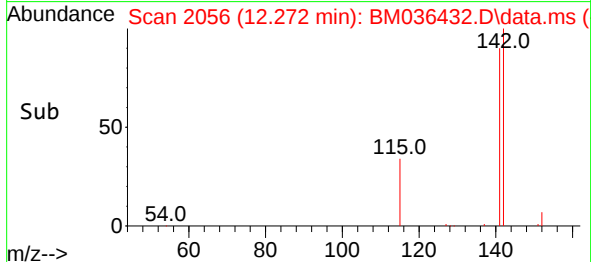
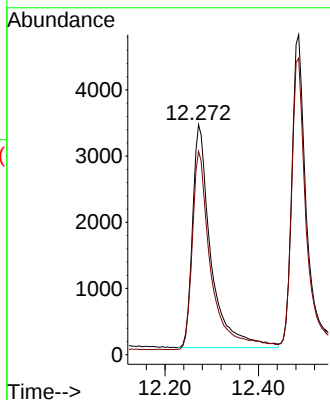
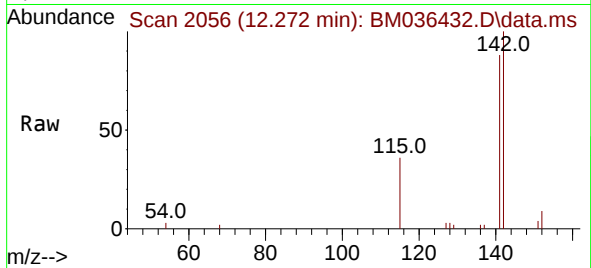




#7
2-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.272 min Scan# 2056
Delta R.T. 0.011 min
Lab File: BM036432.D
Acq: 26 Aug 2022 19:04

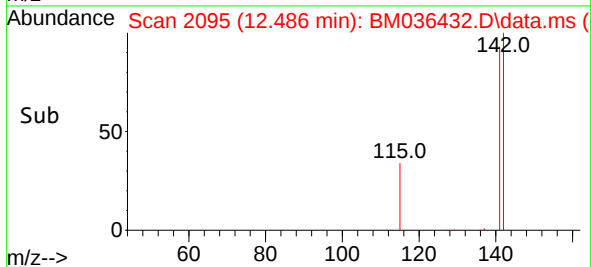
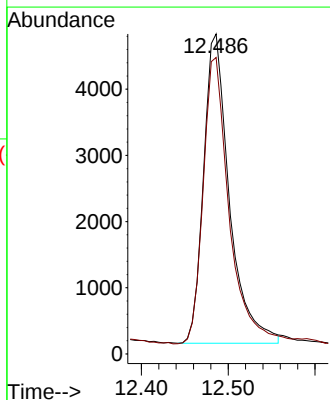
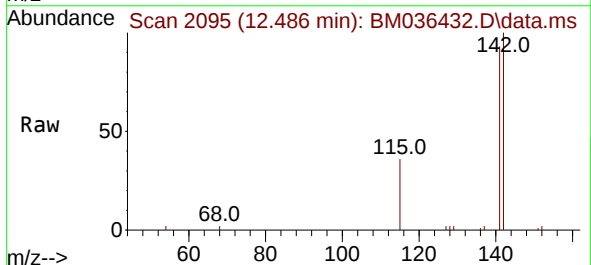
Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

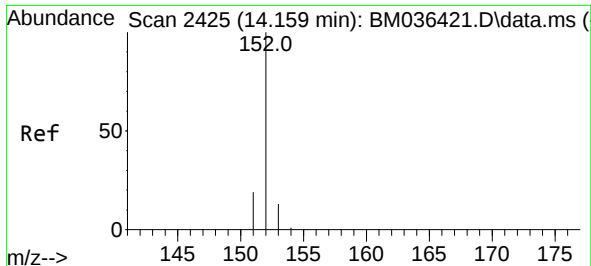
Tgt Ion:142 Resp: 9244
Ion Ratio Lower Upper
142 100
141 90.6 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.486 min Scan# 2095
Delta R.T. 0.011 min
Lab File: BM036432.D
Acq: 26 Aug 2022 19:04

Tgt Ion:142 Resp: 9667
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

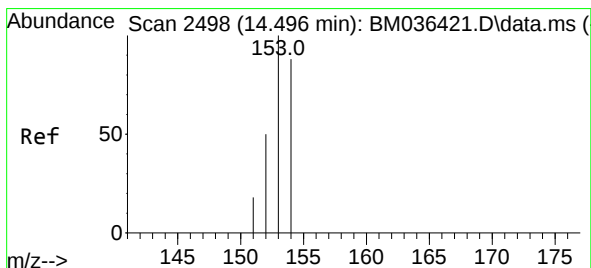
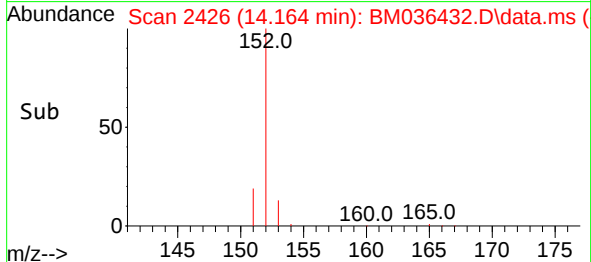
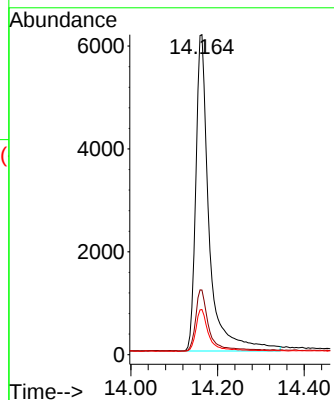
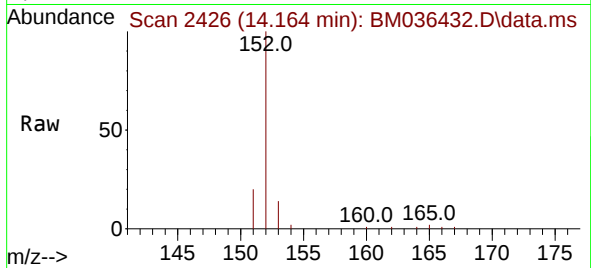




#10
Acenaphthylene
Concen: 0.404 ng/u1
RT: 14.164 min Scan# 2426
Delta R.T. 0.005 min
Lab File: BM036432.D
Acq: 26 Aug 2022 19:04

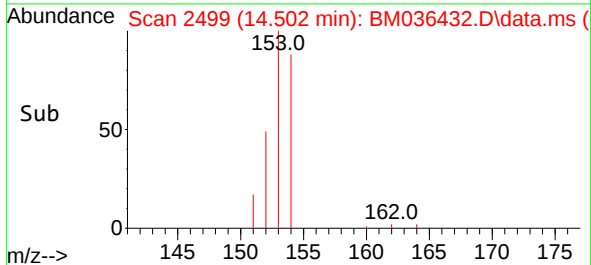
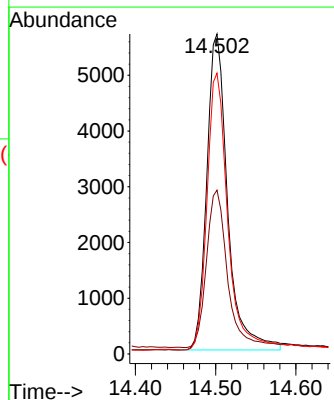
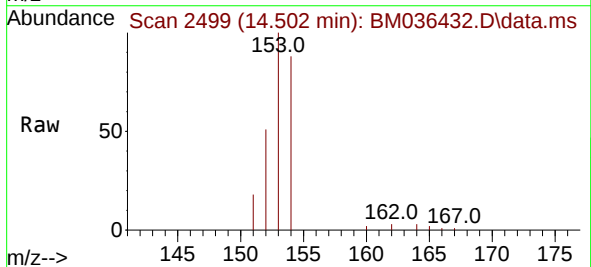
Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

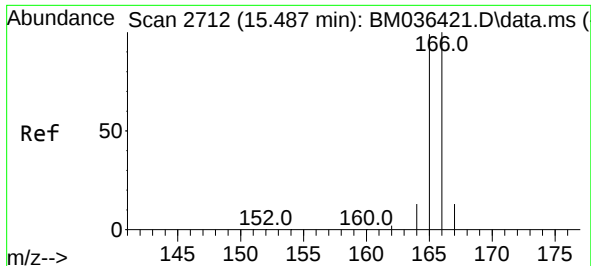
Tgt Ion:152	Resp:	13223
Ion Ratio	Lower	Upper
152	100	
151	20.2	16.6 24.8
153	14.1	11.4 17.0



#11
Acenaphthene
Concen: 0.388 ng/u1
RT: 14.502 min Scan# 2499
Delta R.T. 0.005 min
Lab File: BM036432.D
Acq: 26 Aug 2022 19:04

Tgt Ion:153	Resp:	10263
Ion Ratio	Lower	Upper
153	100	
152	51.2	40.2 60.4
154	87.7	69.7 104.5

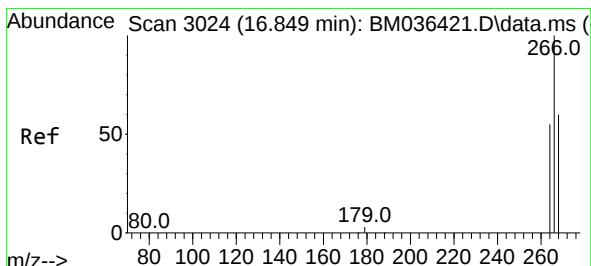
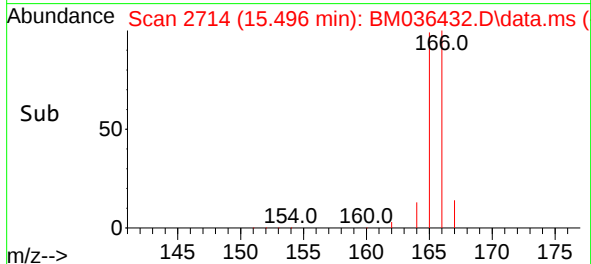
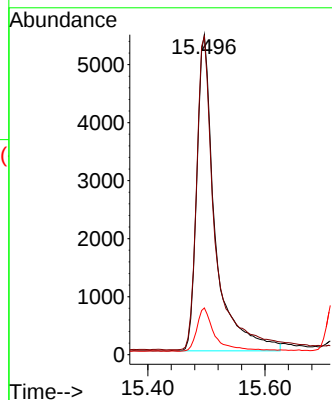
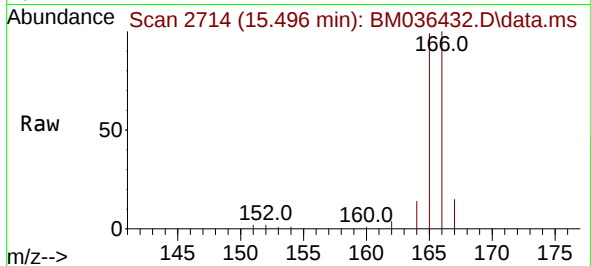




#12
Fluorene
Concen: 0.383 ng/ul
RT: 15.496 min Scan# 21
Delta R.T. 0.010 min
Lab File: BM036432.D
Acq: 26 Aug 2022 19:04

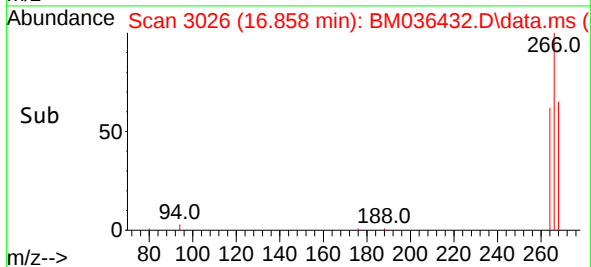
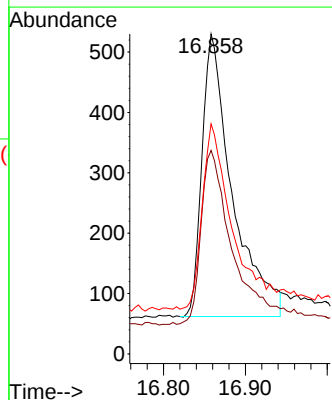
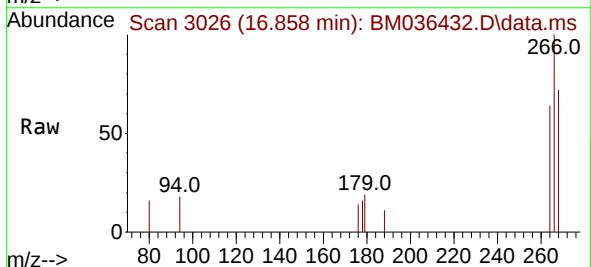
Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

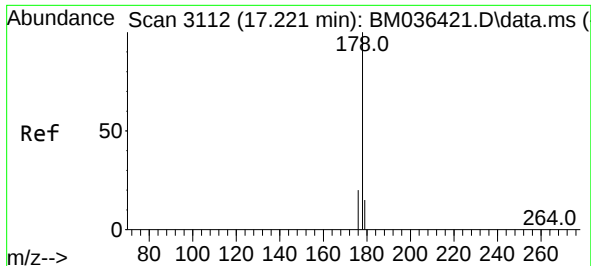
Tgt Ion:166 Resp: 11866
Ion Ratio Lower Upper
166 100
165 99.5 78.9 118.3
167 14.6 11.3 16.9



#14
Pentachlorophenol
Concen: 0.353 ng/ul
RT: 16.858 min Scan# 3026
Delta R.T. 0.009 min
Lab File: BM036432.D
Acq: 26 Aug 2022 19:04

Tgt Ion:266 Resp: 1200
Ion Ratio Lower Upper
266 100
264 63.7 50.3 75.5
268 65.1 53.5 80.3

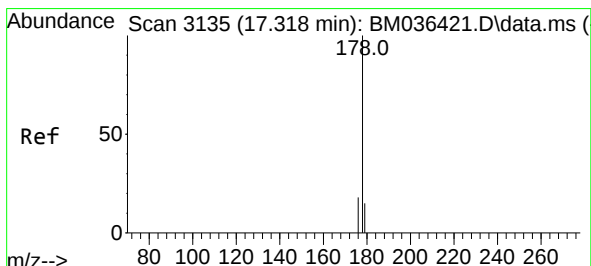
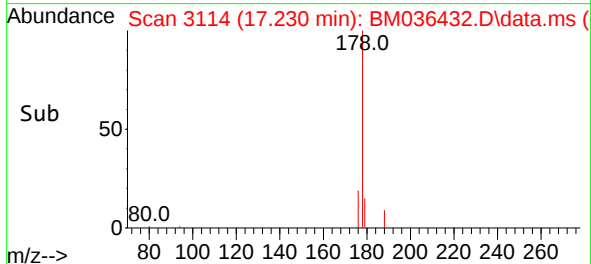
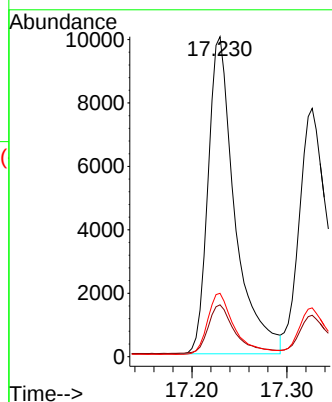
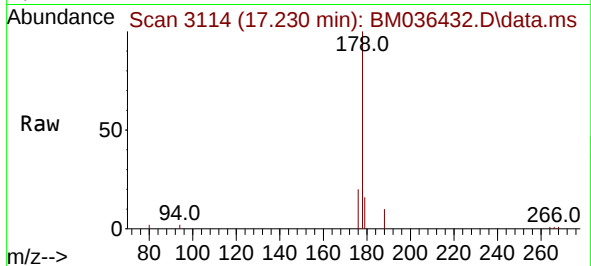




#15
Phenanthrene
Concen: 0.321 ng/ul
RT: 17.230 min Scan# 3114
Delta R.T. 0.009 min
Lab File: BM036432.D
Acq: 26 Aug 2022 19:04

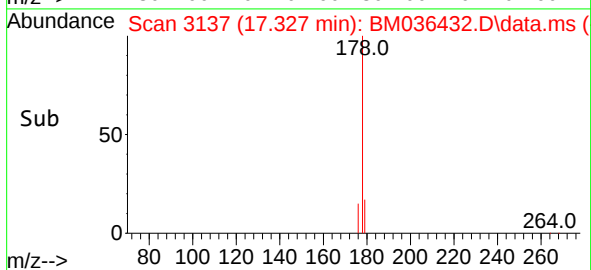
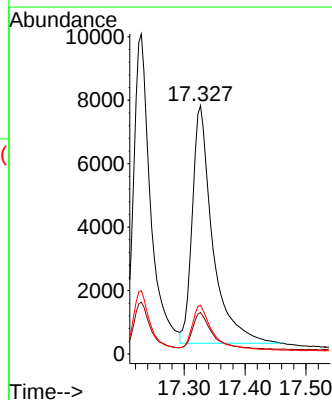
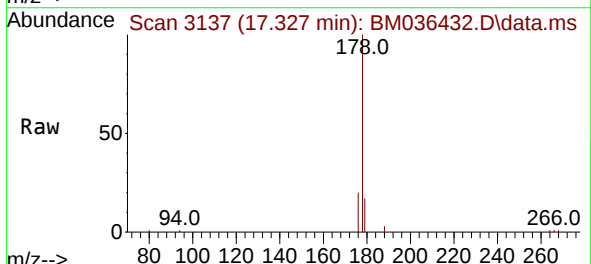
Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

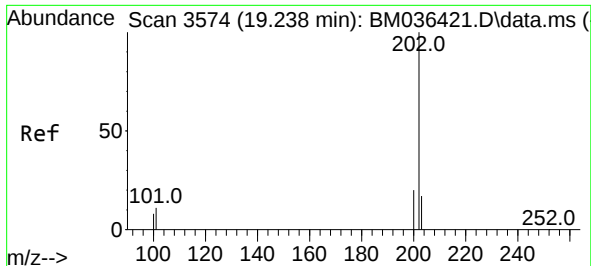
Tgt Ion:178 Resp: 19686
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.8 15.6 23.4



#16
Anthracene
Concen: 0.357 ng/ul
RT: 17.327 min Scan# 3137
Delta R.T. 0.009 min
Lab File: BM036432.D
Acq: 26 Aug 2022 19:04

Tgt Ion:178 Resp: 17386
Ion Ratio Lower Upper
178 100
179 16.7 13.6 20.4
176 19.6 15.6 23.4

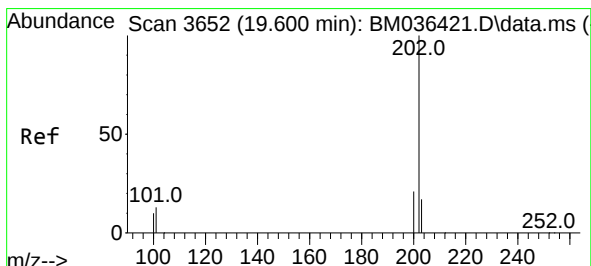
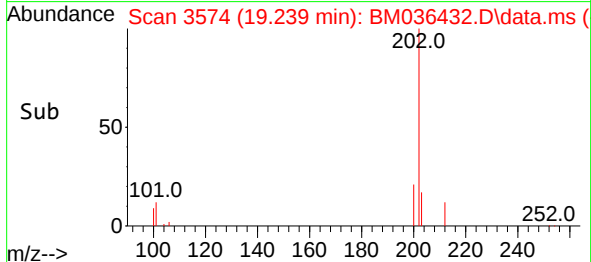
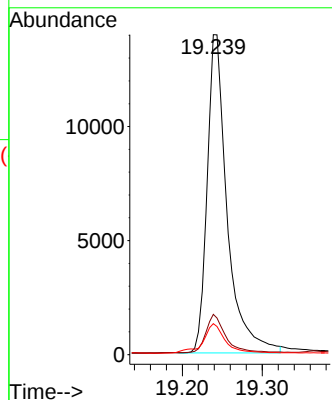
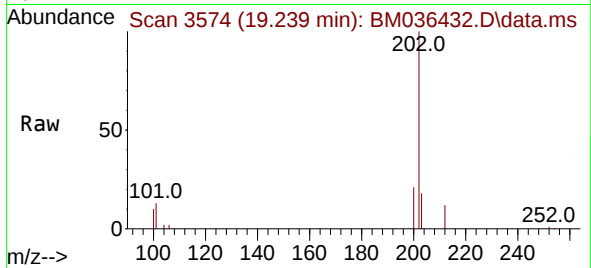




#19
Fluoranthene
Concen: 0.300 ng/u1
RT: 19.239 min Scan# 31
Delta R.T. 0.001 min
Lab File: BM036432.D
Acq: 26 Aug 2022 19:04

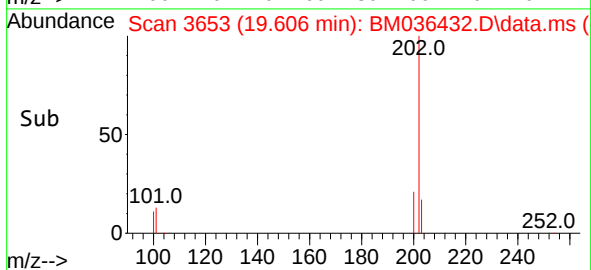
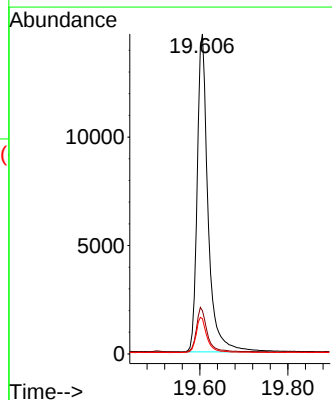
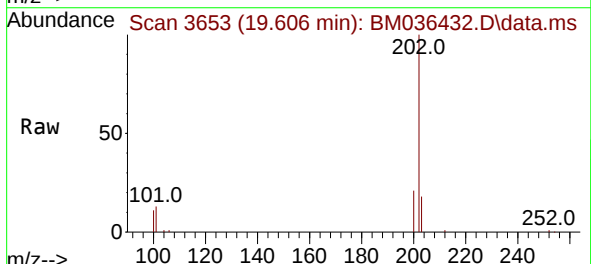
Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

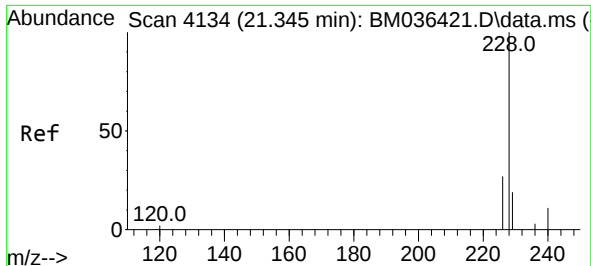
Tgt Ion:202 Resp: 24325
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 9.7 7.9 11.9



#20
Pyrene
Concen: 0.300 ng/u1
RT: 19.606 min Scan# 3653
Delta R.T. 0.006 min
Lab File: BM036432.D
Acq: 26 Aug 2022 19:04

Tgt Ion:202 Resp: 25241
Ion Ratio Lower Upper
202 100
101 13.5 12.0 18.0
100 11.0 9.8 14.6

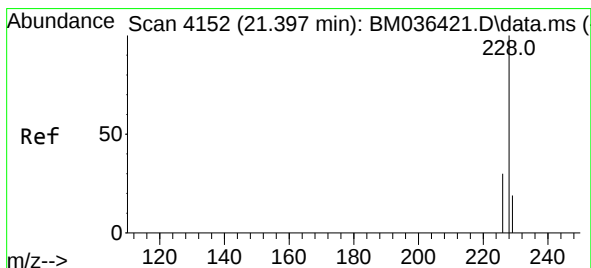
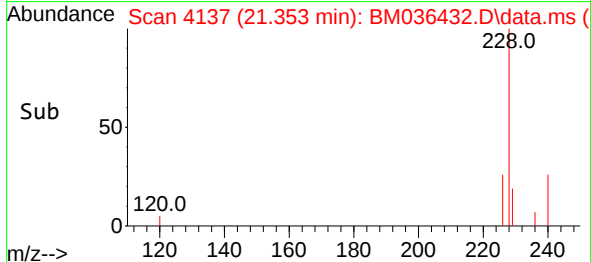
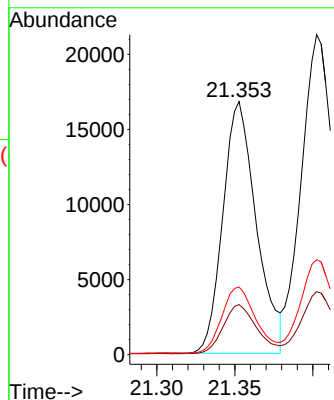
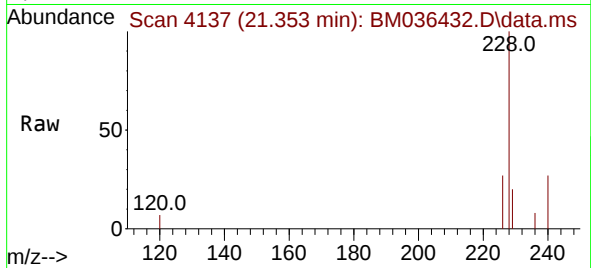




#21
Benzo(a)anthracene
Concen: 0.260 ng/ul
RT: 21.353 min Scan# 4137
Delta R.T. 0.008 min
Lab File: BM036432.D
Acq: 26 Aug 2022 19:04

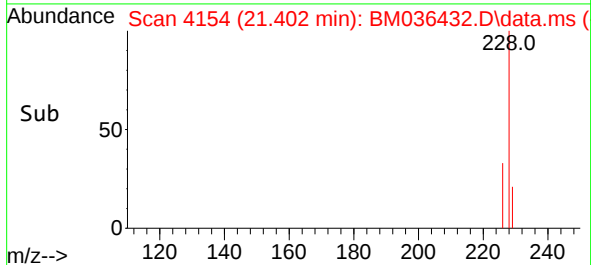
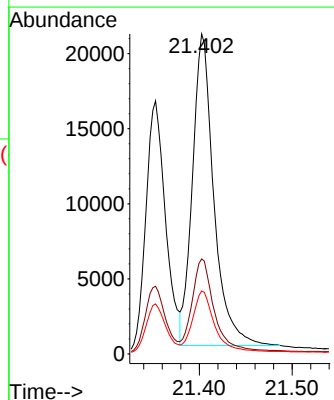
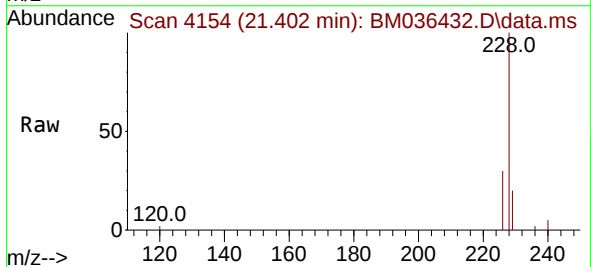
Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

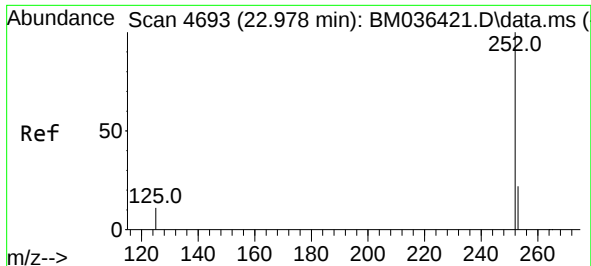
Tgt Ion:228 Resp: 24989
Ion Ratio Lower Upper
228 100
229 19.8 16.2 24.2
226 26.7 22.5 33.7



#22
Chrysene
Concen: 0.251 ng/ul
RT: 21.402 min Scan# 4154
Delta R.T. 0.005 min
Lab File: BM036432.D
Acq: 26 Aug 2022 19:04

Tgt Ion:228 Resp: 33172
Ion Ratio Lower Upper
228 100
226 29.7 24.6 37.0
229 19.7 16.4 24.6

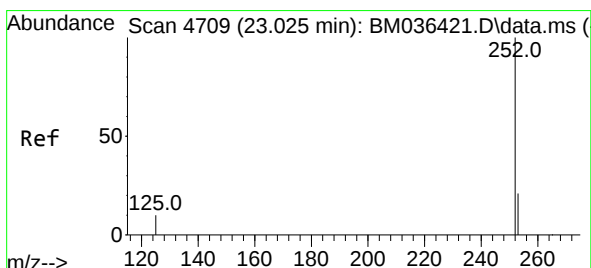
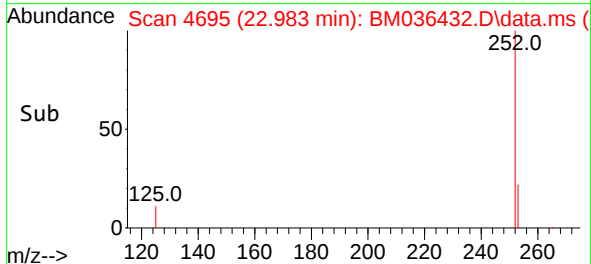
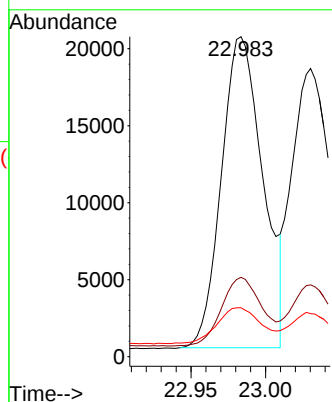
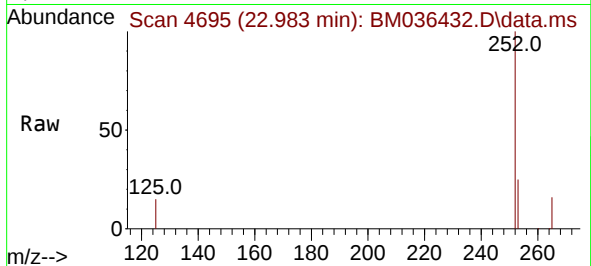




#24
Benzo(b)fluoranthene
Concen: 0.325 ng/ul
RT: 22.983 min Scan# 4695
Delta R.T. 0.005 min
Lab File: BM036432.D
Acq: 26 Aug 2022 19:04

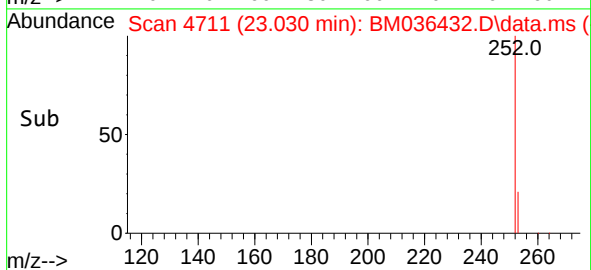
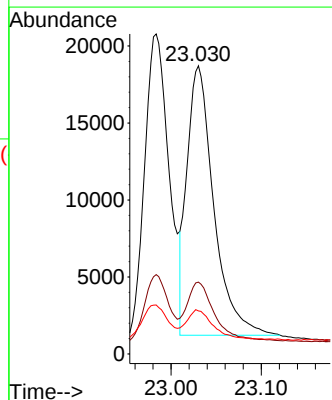
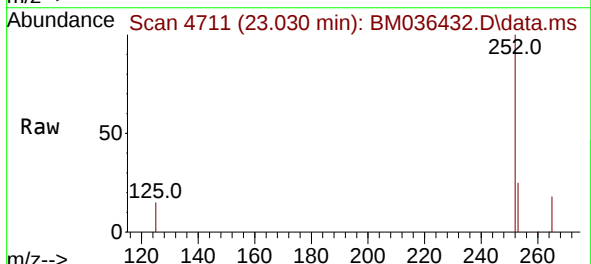
Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

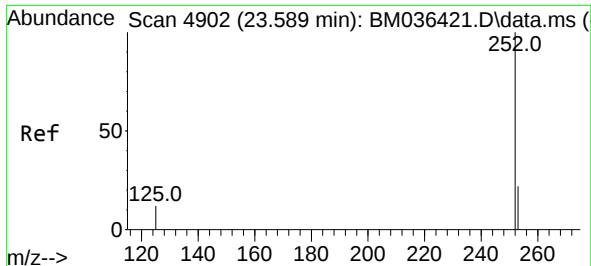
Tgt Ion:252 Resp: 39083
Ion Ratio Lower Upper
252 100
253 24.8 0.0 61.4
125 15.3 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.297 ng/ul
RT: 23.030 min Scan# 4711
Delta R.T. 0.005 min
Lab File: BM036432.D
Acq: 26 Aug 2022 19:04

Tgt Ion:252 Resp: 36026
Ion Ratio Lower Upper
252 100
253 24.9 25.2 37.8#
125 14.9 18.3 27.5#

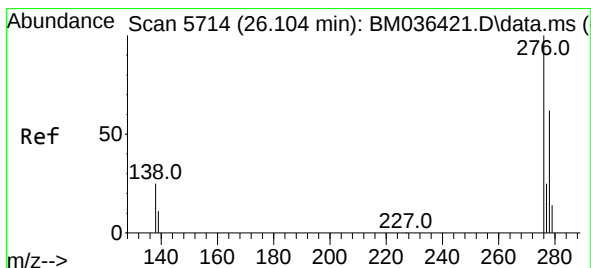
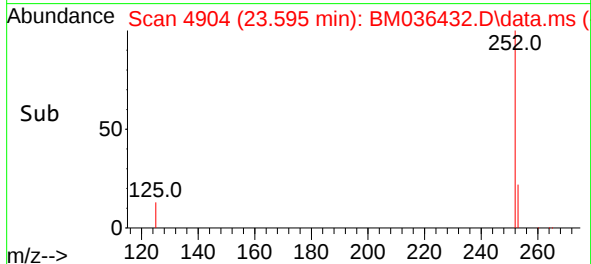
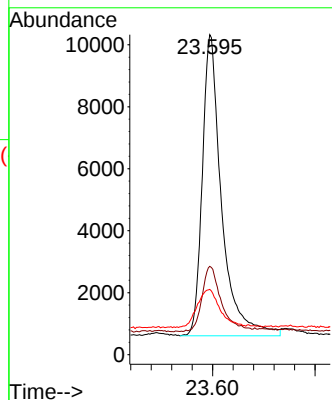
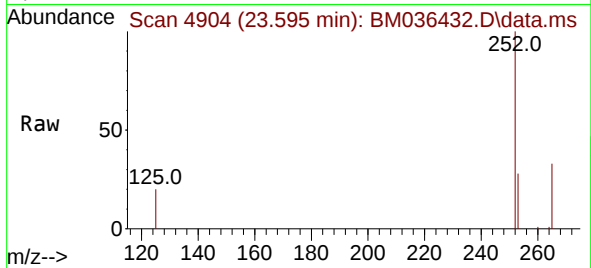




#26
Benzo(a)pyrene
Concen: 0.334 ng/ul
RT: 23.595 min Scan# 4904
Delta R.T. 0.005 min
Lab File: BM036432.D
Acq: 26 Aug 2022 19:04

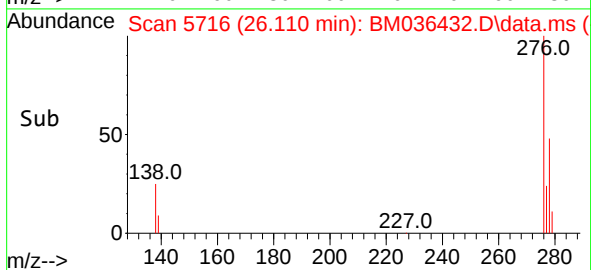
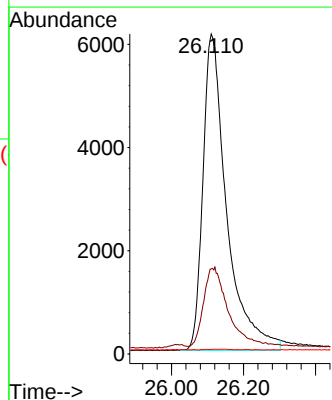
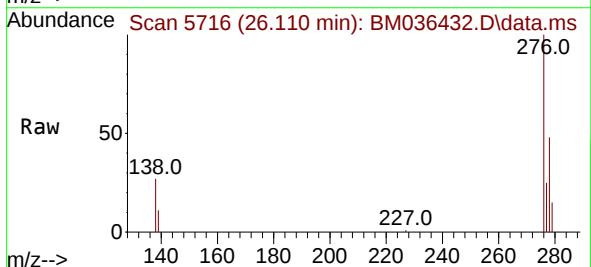
Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

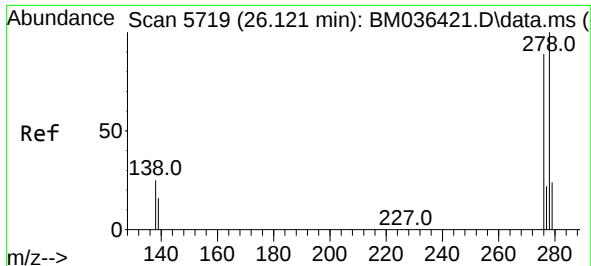
Tgt Ion:252 Resp: 25419
Ion Ratio Lower Upper
252 100
253 27.6 29.7 44.5#
125 20.4 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.487 ng/ul
RT: 26.110 min Scan# 5716
Delta R.T. 0.006 min
Lab File: BM036432.D
Acq: 26 Aug 2022 19:04

Tgt Ion:276 Resp: 28039
Ion Ratio Lower Upper
276 100
138 26.1 23.9 35.9
227 0.2 0.1 0.1#

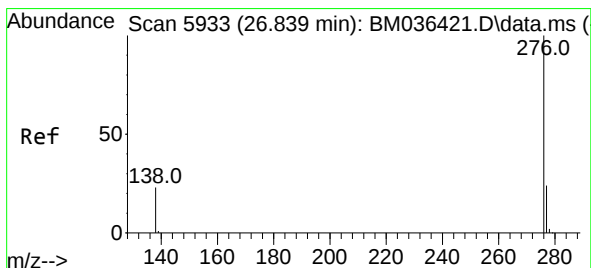
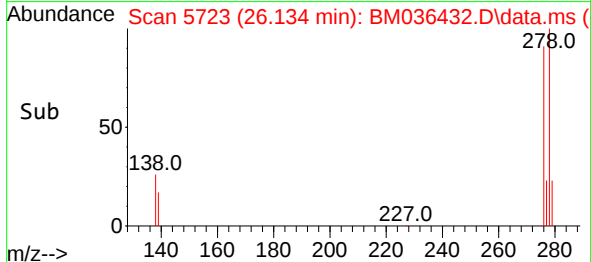
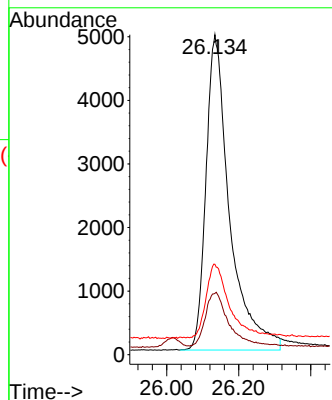
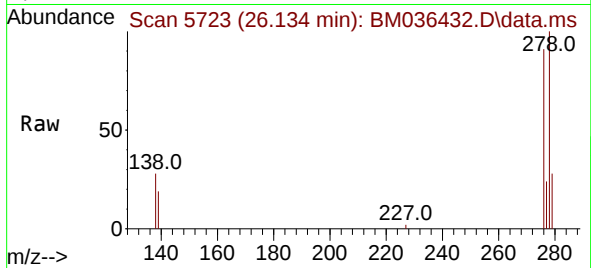




#28
 Dibenzo(a,h)anthracene
 Concen: 0.463 ng/ul
 RT: 26.134 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: BM036432.D
 Acq: 26 Aug 2022 19:04

Instrument :
 BNA_M
 ClientSampleId :
 SST00.4121

Tgt Ion: 278 Resp: 22589
 Ion Ratio Lower Upper
 278 100
 139 19.1 19.8 29.6#
 279 28.2 27.7 41.5



#29
 Benzo(g,h,i)perylene
 Concen: 0.480 ng/ul
 RT: 26.852 min Scan# 5937
 Delta R.T. 0.013 min
 Lab File: BM036432.D
 Acq: 26 Aug 2022 19:04

Tgt Ion: 276 Resp: 24996
 Ion Ratio Lower Upper
 276 100
 138 24.5 23.4 35.0
 277 25.3 21.0 31.4

