

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083022\
 Data File : BM036456.D
 Acq On : 29 Aug 2022 16:27
 Operator : CG/JU
 Sample : SSTD1.665
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6019

Quant Time: Aug 29 17:39:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM083022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:16:27 2022
 Response via : Initial Calibration

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

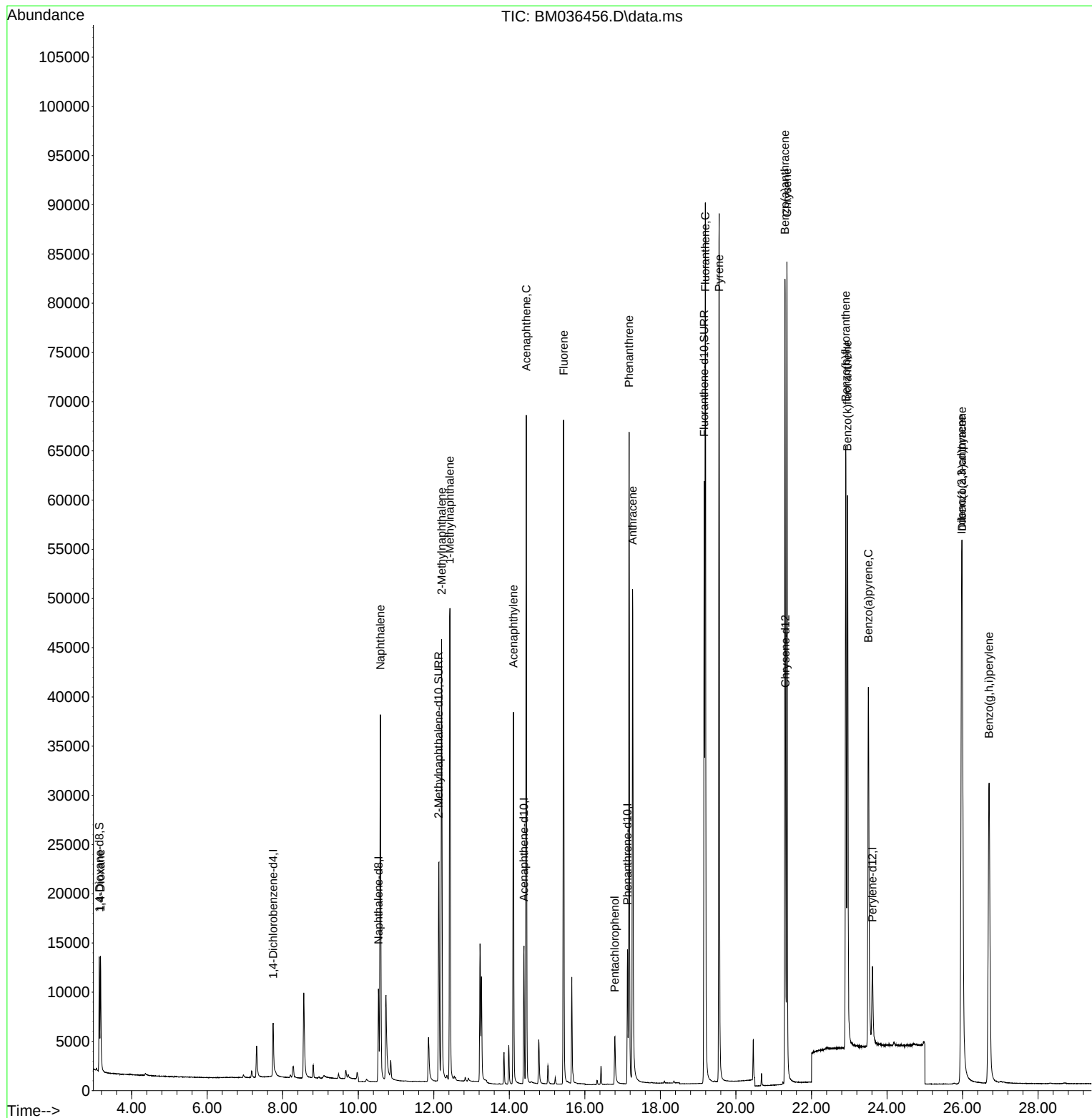
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	3428	0.400	ng/ul	0.00
4) Naphthalene-d8	10.535	136	13100	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.386	164	7536	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.128	188	15892	0.400	ng/ul	0.00
17) Chrysene-d12	21.312	240	14317	0.400	ng/ul	0.00
23) Perylene-d12	23.612	264	11812	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	7352	1.593	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.130	152	32199	1.538	ng/ul	-0.01
18) Fluoranthene-d10	19.160	212	66391	3.754	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.176	88	7268	1.667	ng/ul#	82
5) Naphthalene	10.584	128	53349	1.445	ng/ul	96
7) 2-Methylnaphthalene	12.207	142	34170	1.543	ng/ul	94
8) 1-Methylnaphthalene	12.427	142	34952	1.556	ng/ul	100
10) Acenaphthylene	14.109	152	44267	1.419	ng/ul	98
11) Acenaphthene	14.446	153	38174	1.515	ng/ul	100
12) Fluorene	15.436	166	42956	1.455	ng/ul	99
14) Pentachlorophenol	16.791	266	4339	1.381	ng/ul	98
15) Phenanthrene	17.171	178	69674	1.228	ng/ul	99
16) Anthracene	17.264	178	61169	1.357	ng/ul	98
19) Fluoranthene	19.188	202	77353	1.546	ng/ul	100
20) Pyrene	19.555	202	77671	1.494	ng/ul	98
21) Benzo(a)anthracene	21.297	228	69608	1.174	ng/ul	99
22) Chrysene	21.350	228	72580	0.890	ng/ul	98
24) Benzo(b)fluoranthene	22.908	252	74186	0.863	ng/ul	85
25) Benzo(k)fluoranthene	22.954	252	74083	0.856	ng/ul#	83
26) Benzo(a)pyrene	23.507	252	61235	1.127	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.973	276	73014	1.776	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.990	278	63082	1.811	ng/ul#	86
29) Benzo(g,h,i)perylene	26.701	276	67182	1.806	ng/ul	95

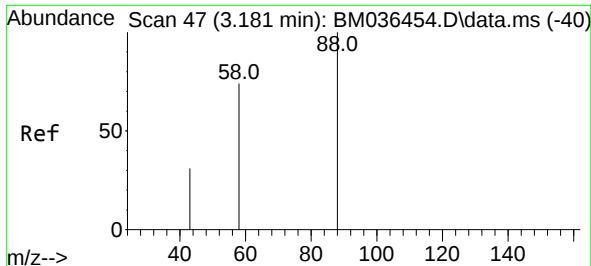
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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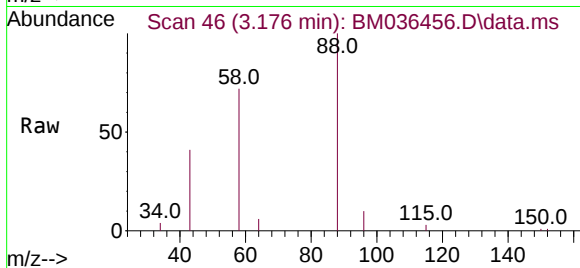
Quant Time: Aug 29 17:39:10 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM083022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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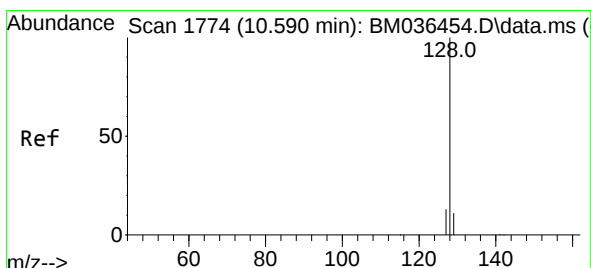
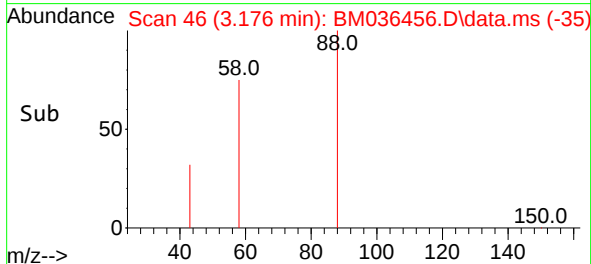
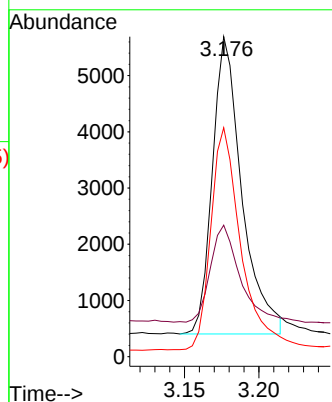


#2
1,4-Dioxane
Concen: 1.667 ng/ul
RT: 3.176 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM036456.D
Acq: 29 Aug 2022 16:27

Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

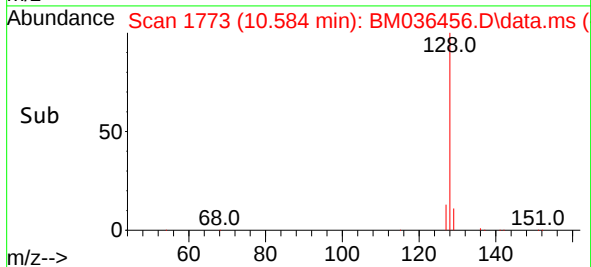
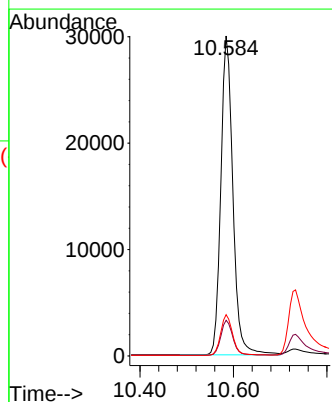
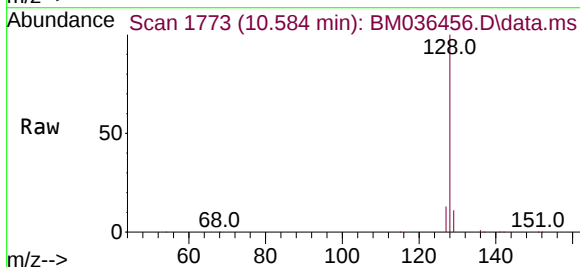


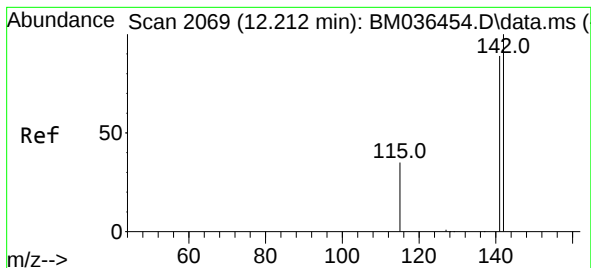
Tgt Ion: 88 Resp: 7268
Ion Ratio Lower Upper
88 100
43 41.1 37.8 56.6
58 71.6 42.6 63.8#



#5
Naphthalene
Concen: 1.445 ng/ul
RT: 10.584 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BM036456.D
Acq: 29 Aug 2022 16:27

Tgt Ion: 128 Resp: 53349
Ion Ratio Lower Upper
128 100
129 11.2 10.2 15.2
127 12.9 11.7 17.5

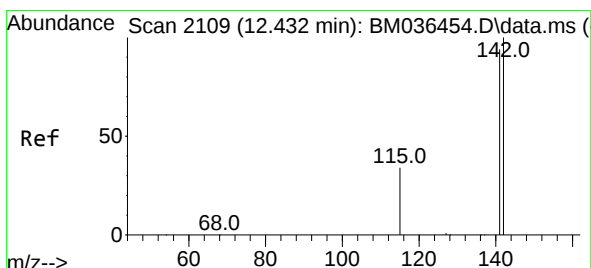
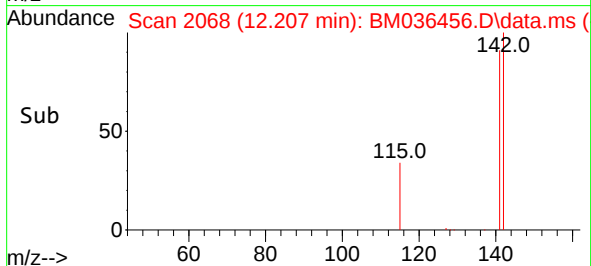
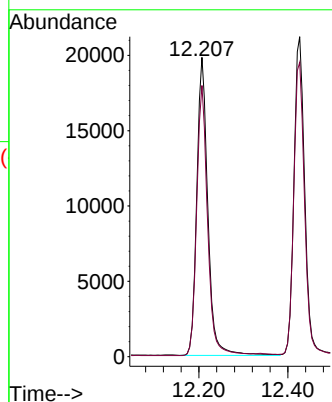
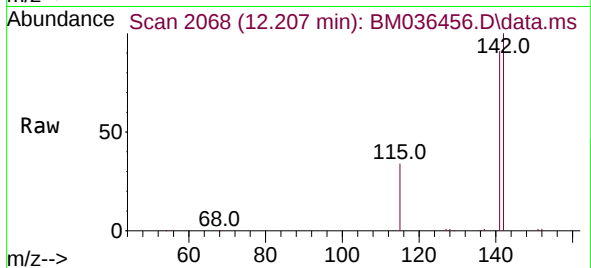




#7
2-Methylnaphthalene
Concen: 1.543 ng/ul
RT: 12.207 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BM036456.D
Acq: 29 Aug 2022 16:27

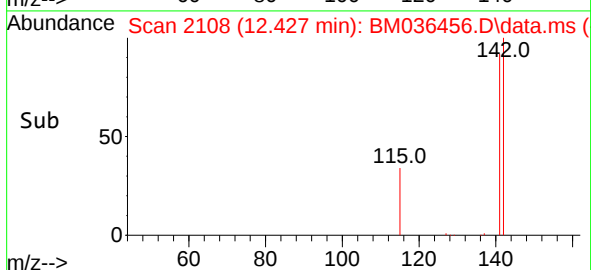
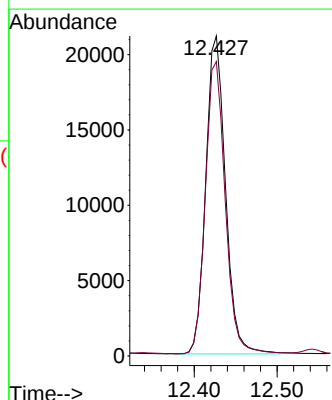
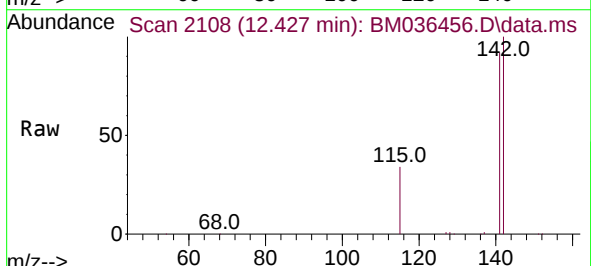
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

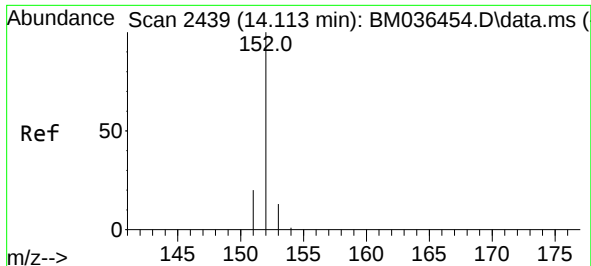
Tgt Ion:142 Resp: 34170
Ion Ratio Lower Upper
142 100
141 90.6 77.4 116.0



#8
1-Methylnaphthalene
Concen: 1.556 ng/ul
RT: 12.427 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM036456.D
Acq: 29 Aug 2022 16:27

Tgt Ion:142 Resp: 34952
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1

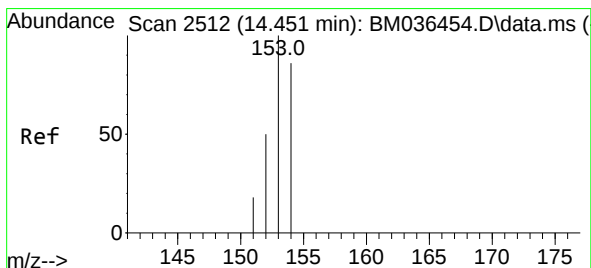
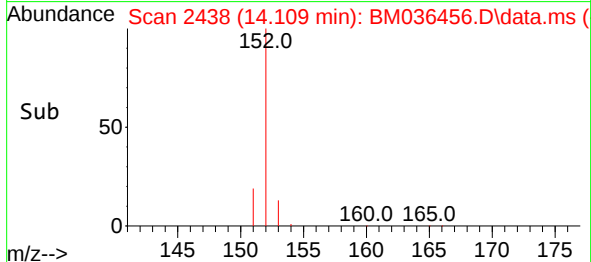
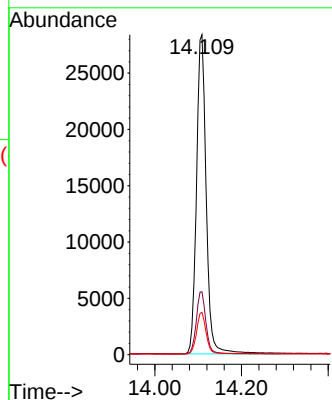
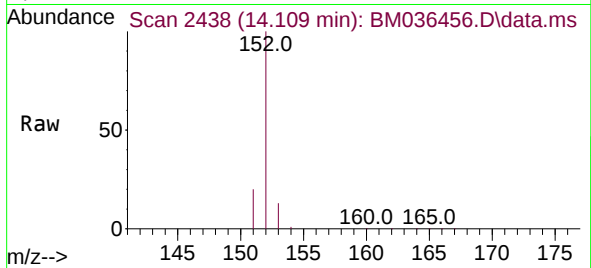




#10
Acenaphthylene
Concen: 1.419 ng/ul
RT: 14.109 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BM036456.D
Acq: 29 Aug 2022 16:27

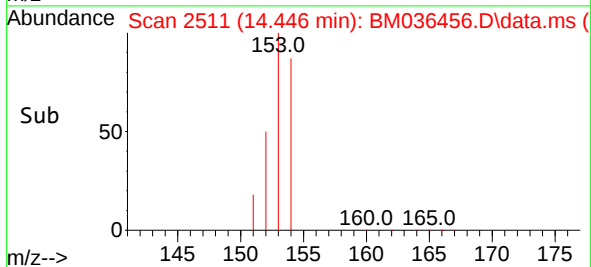
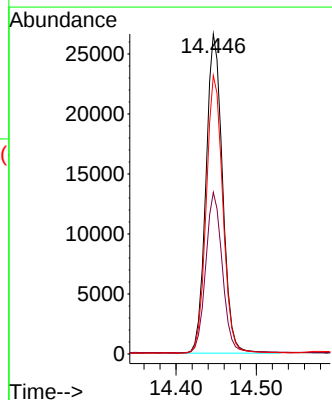
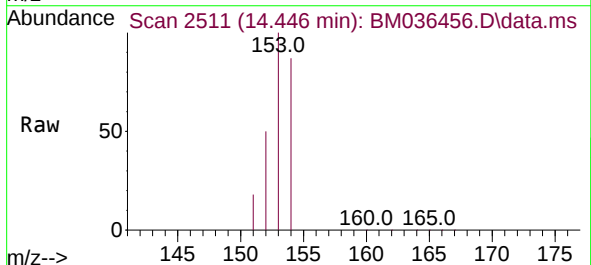
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

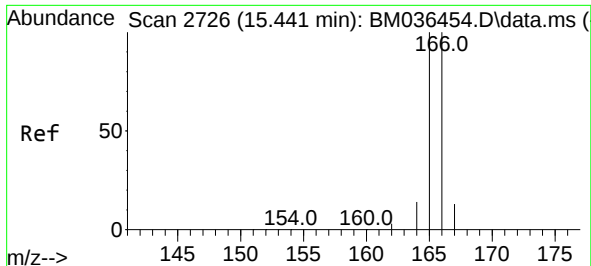
Tgt Ion:152 Resp: 44267
Ion Ratio Lower Upper
152 100
151 19.7 16.6 24.8
153 13.2 11.4 17.0



#11
Acenaphthene
Concen: 1.515 ng/ul
RT: 14.446 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BM036456.D
Acq: 29 Aug 2022 16:27

Tgt Ion:153 Resp: 38174
Ion Ratio Lower Upper
153 100
152 50.5 40.2 60.4
154 87.0 69.7 104.5

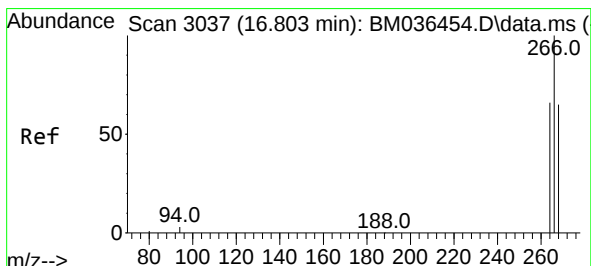
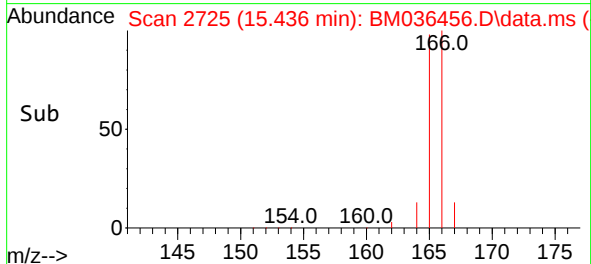
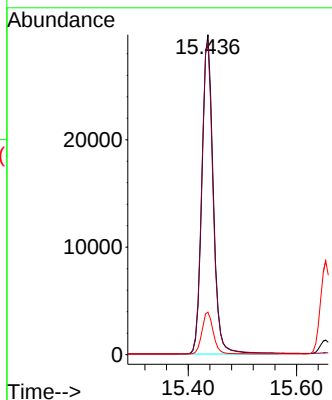
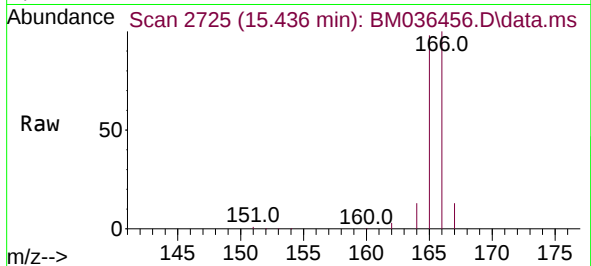




#12
 Fluorene
 Concen: 1.455 ng/ul
 RT: 15.436 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM036456.D
 Acq: 29 Aug 2022 16:27

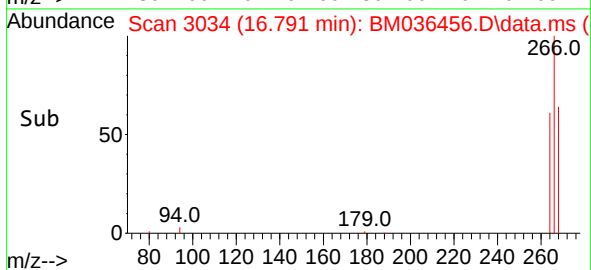
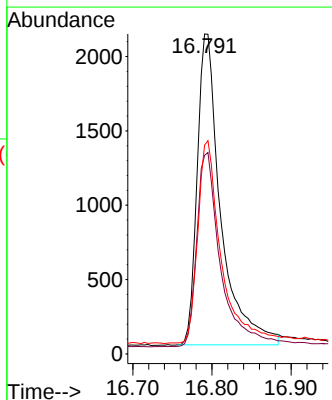
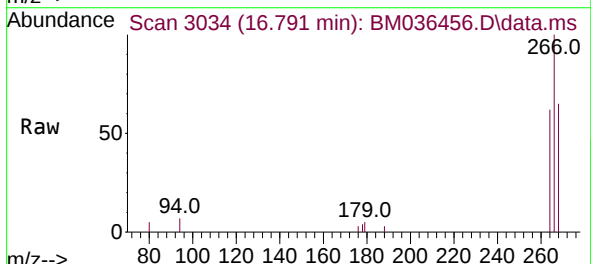
Instrument :
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 ClientSampleId :
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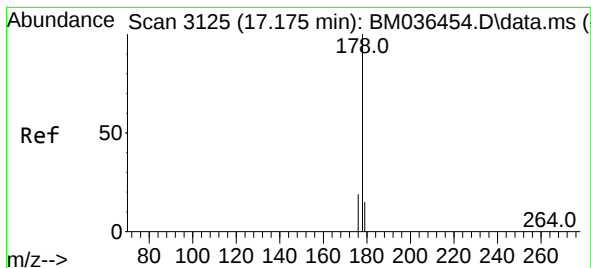
Tgt Ion:166 Resp: 42956
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.9 118.3
 167 13.3 11.3 16.9



#14
 Pentachlorophenol
 Concen: 1.381 ng/ul
 RT: 16.791 min Scan# 3034
 Delta R.T. -0.013 min
 Lab File: BM036456.D
 Acq: 29 Aug 2022 16:27

Tgt Ion:266 Resp: 4339
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.3 75.5
 268 64.2 53.5 80.3





#15

Phenanthrene

Concen: 1.228 ng/ul

RT: 17.171 min Scan# 3125

Delta R.T. -0.004 min

Lab File: BM036456.D

Acq: 29 Aug 2022 16:27

Instrument :

BNA_M

ClientSampleId :

SSTD1.6019

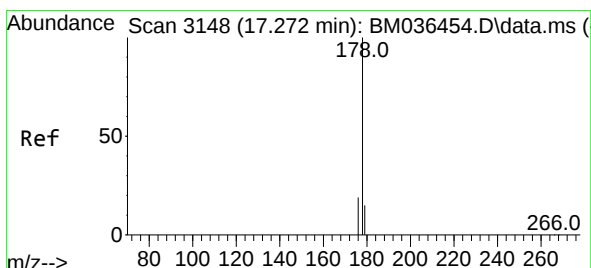
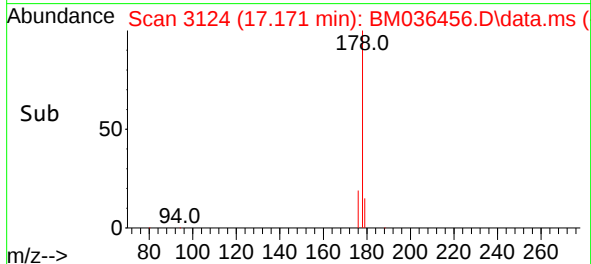
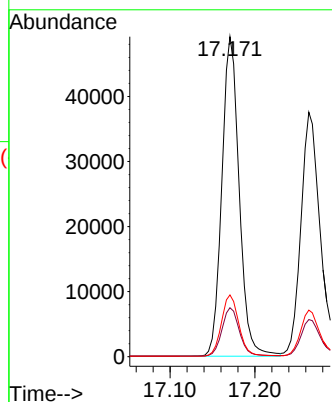
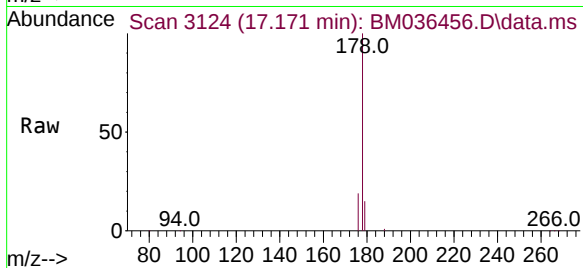
Tgt Ion:178 Resp: 69674

Ion Ratio Lower Upper

178 100

179 15.3 13.0 19.6

176 19.3 15.6 23.4



#16

Anthracene

Concen: 1.357 ng/ul

RT: 17.264 min Scan# 3146

Delta R.T. -0.009 min

Lab File: BM036456.D

Acq: 29 Aug 2022 16:27

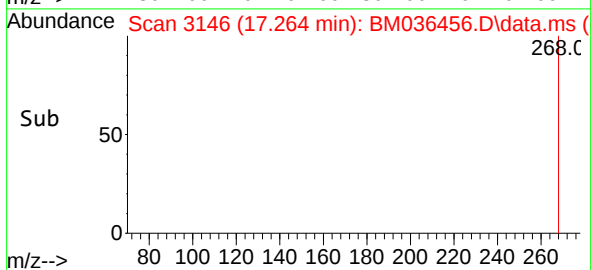
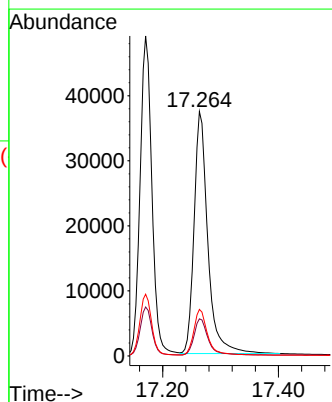
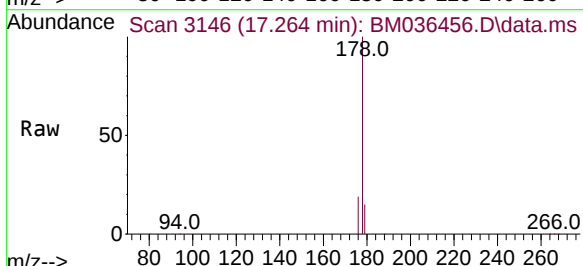
Tgt Ion:178 Resp: 61169

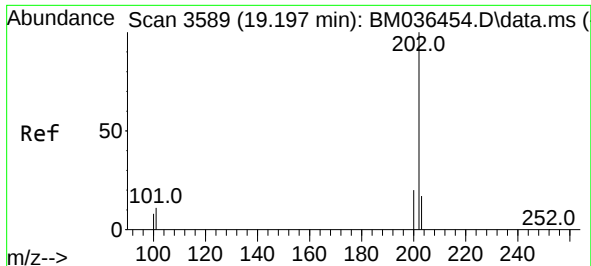
Ion Ratio Lower Upper

178 100

179 15.2 13.6 20.4

176 19.1 15.6 23.4

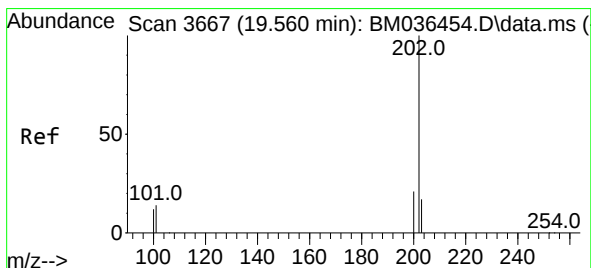
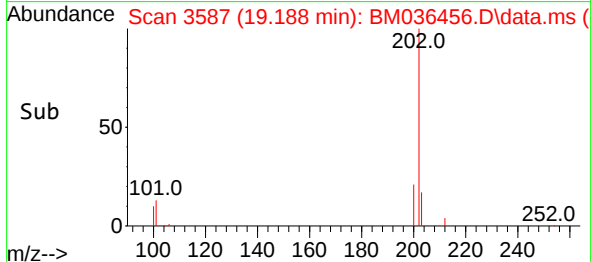
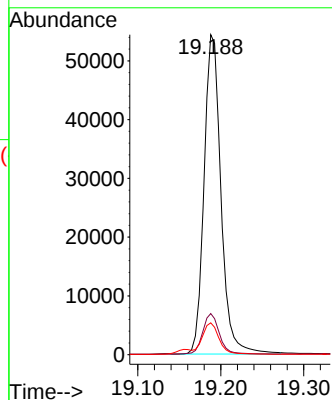
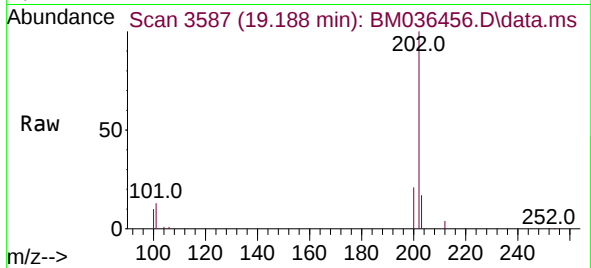




#19
Fluoranthene
Concen: 1.546 ng/ul
RT: 19.188 min Scan# 3587
Delta R.T. -0.009 min
Lab File: BM036456.D
Acq: 29 Aug 2022 16:27

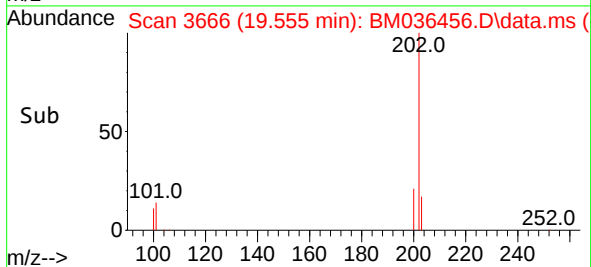
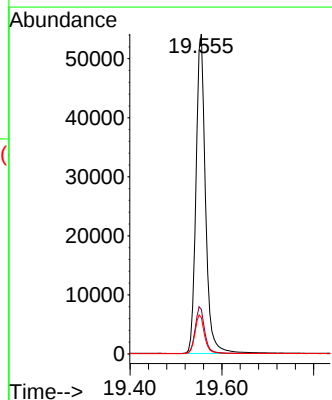
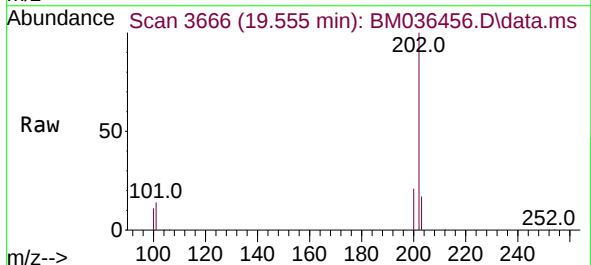
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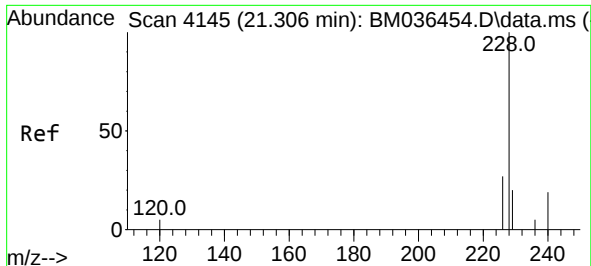
Tgt Ion:202 Resp: 77353
Ion Ratio Lower Upper
202 100
101 12.8 10.1 15.1
100 10.0 7.9 11.9



#20
Pyrene
Concen: 1.494 ng/ul
RT: 19.555 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BM036456.D
Acq: 29 Aug 2022 16:27

Tgt Ion:202 Resp: 77671
Ion Ratio Lower Upper
202 100
101 13.9 12.0 18.0
100 11.4 9.8 14.6

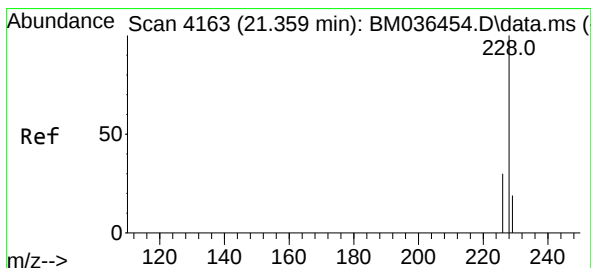
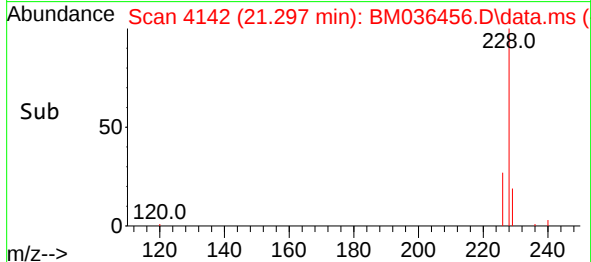
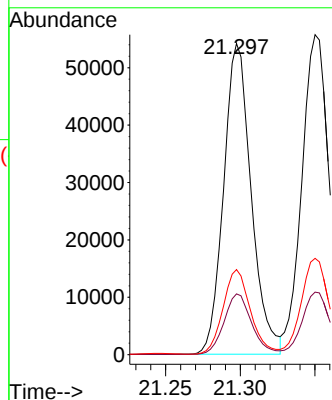
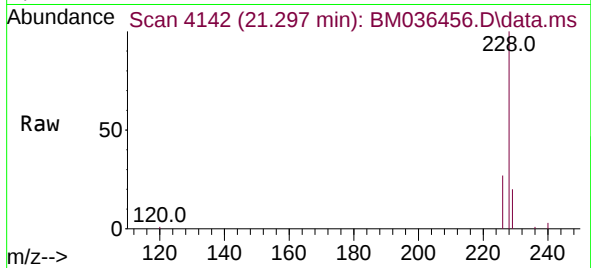




#21
Benzo(a)anthracene
Concen: 1.174 ng/ul
RT: 21.297 min Scan# 4145
Delta R.T. -0.009 min
Lab File: BM036456.D
Acq: 29 Aug 2022 16:27

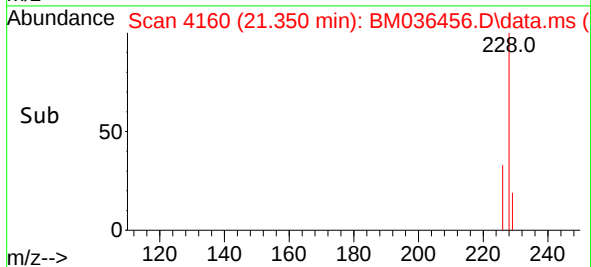
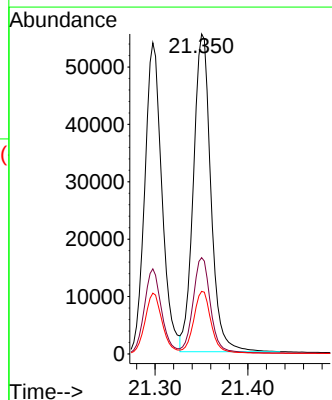
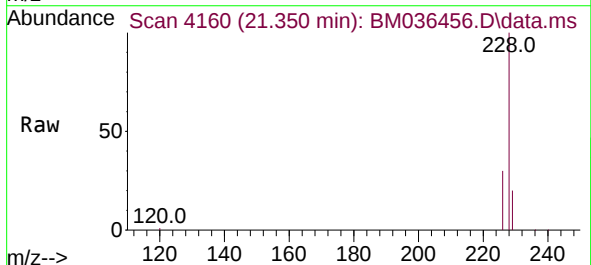
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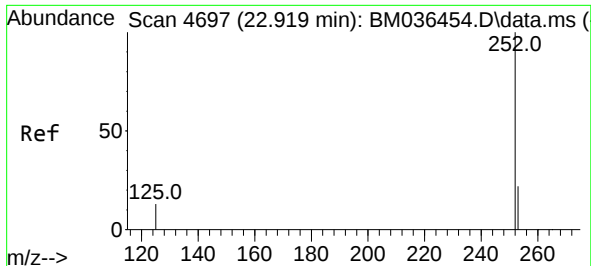
Tgt Ion:228 Resp: 69608
Ion Ratio Lower Upper
228 100
229 19.6 16.2 24.2
226 27.4 22.5 33.7



#22
Chrysene
Concen: 0.890 ng/ul
RT: 21.350 min Scan# 4160
Delta R.T. -0.009 min
Lab File: BM036456.D
Acq: 29 Aug 2022 16:27

Tgt Ion:228 Resp: 72580
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 19.5 16.4 24.6

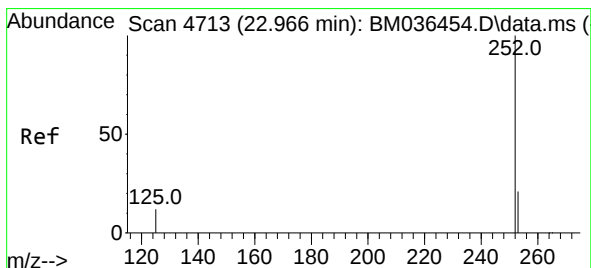
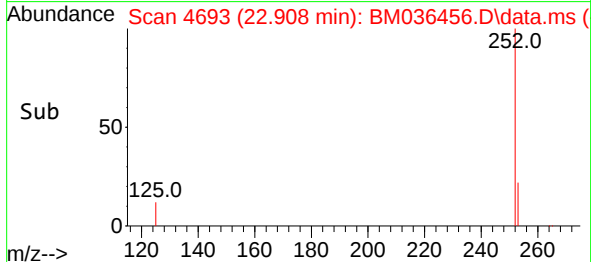
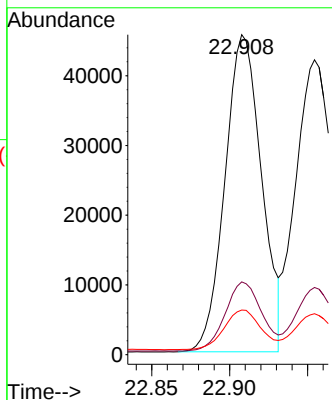
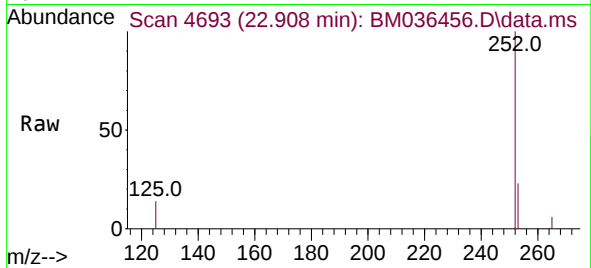




#24
Benzo(b)fluoranthene
Concen: 0.863 ng/ul
RT: 22.908 min Scan# 4693
Delta R.T. -0.012 min
Lab File: BM036456.D
Acq: 29 Aug 2022 16:27

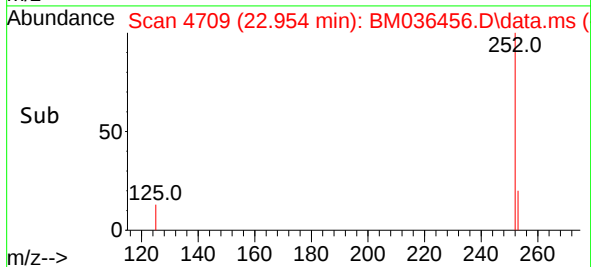
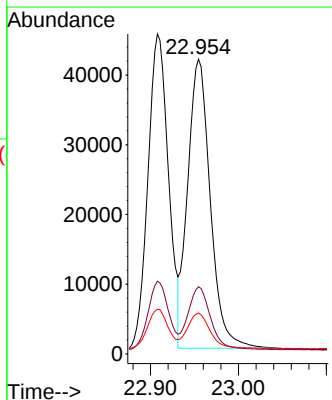
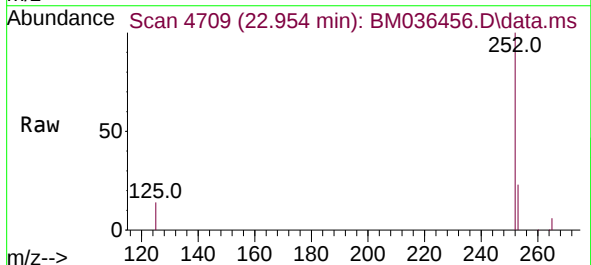
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

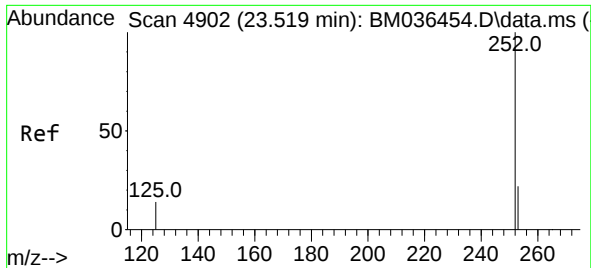
Tgt Ion:252 Resp: 74186
Ion Ratio Lower Upper
252 100
253 22.8 0.0 61.4
125 13.9 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.856 ng/ul
RT: 22.954 min Scan# 4709
Delta R.T. -0.012 min
Lab File: BM036456.D
Acq: 29 Aug 2022 16:27

Tgt Ion:252 Resp: 74083
Ion Ratio Lower Upper
252 100
253 22.8 25.2 37.8#
125 13.9 18.3 27.5#

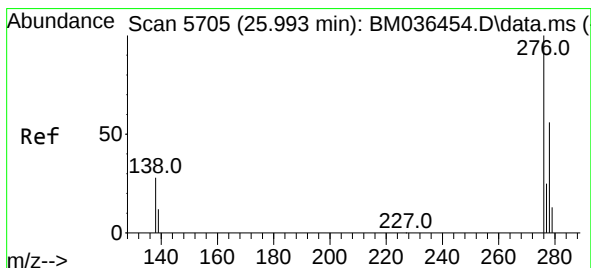
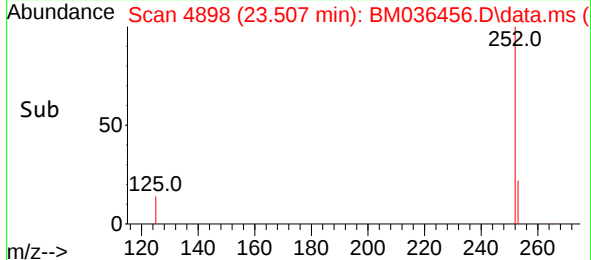
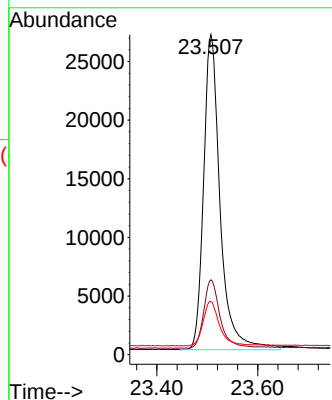
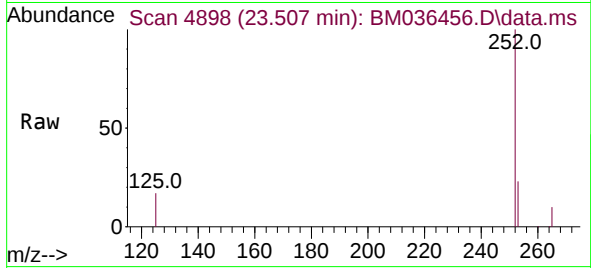




#26
Benzo(a)pyrene
Concen: 1.127 ng/ul
RT: 23.507 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM036456.D
Acq: 29 Aug 2022 16:27

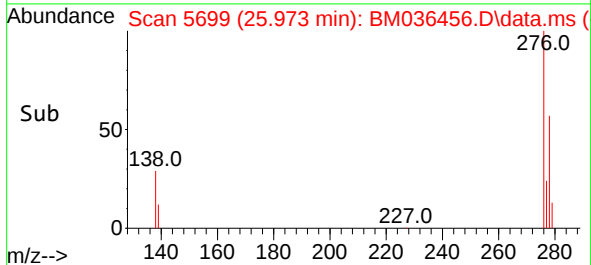
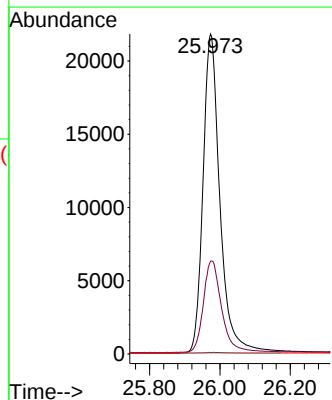
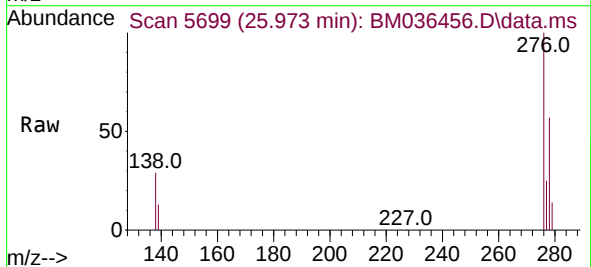
Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

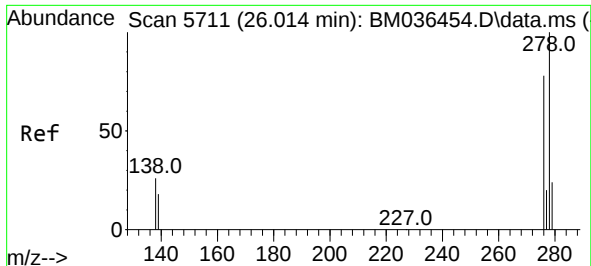
Tgt Ion:252 Resp: 61235
Ion Ratio Lower Upper
252 100
253 23.4 29.7 44.5#
125 16.6 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.776 ng/ul
RT: 25.973 min Scan# 5699
Delta R.T. -0.020 min
Lab File: BM036456.D
Acq: 29 Aug 2022 16:27

Tgt Ion:276 Resp: 73014
Ion Ratio Lower Upper
276 100
138 31.2 23.9 35.9
227 0.2 0.1 0.1#

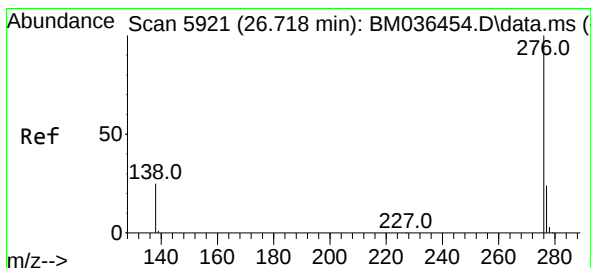
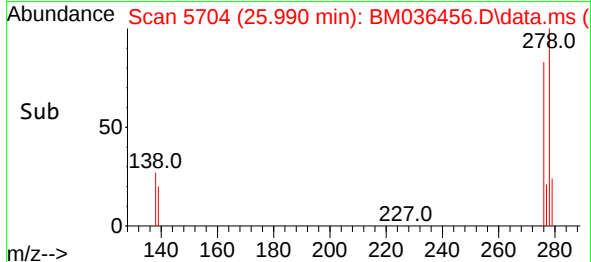
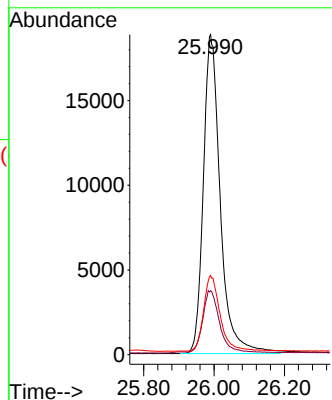
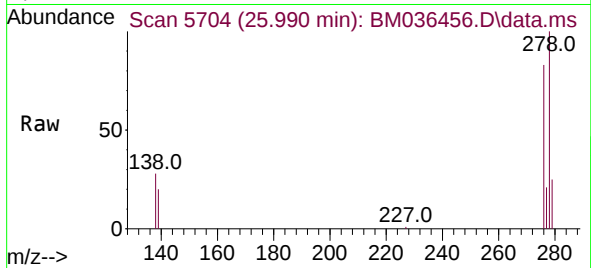




#28
Dibenzo(a,h)anthracene
Concen: 1.811 ng/ul
RT: 25.990 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM036456.D
Acq: 29 Aug 2022 16:27

Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

Tgt Ion:278 Resp: 63082
Ion Ratio Lower Upper
278 100
139 20.0 19.8 29.6
279 24.8 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 1.806 ng/ul
RT: 26.701 min Scan# 5916
Delta R.T. -0.017 min
Lab File: BM036456.D
Acq: 29 Aug 2022 16:27

Tgt Ion:276 Resp: 67182
Ion Ratio Lower Upper
276 100
138 25.9 23.4 35.0
277 23.8 21.0 31.4

