

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083022\
 Data File : BM036457.D
 Acq On : 29 Aug 2022 17:03
 Operator : CG/JU
 Sample : SSTD3.266
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2020

Quant Time: Aug 29 17:39:29 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)

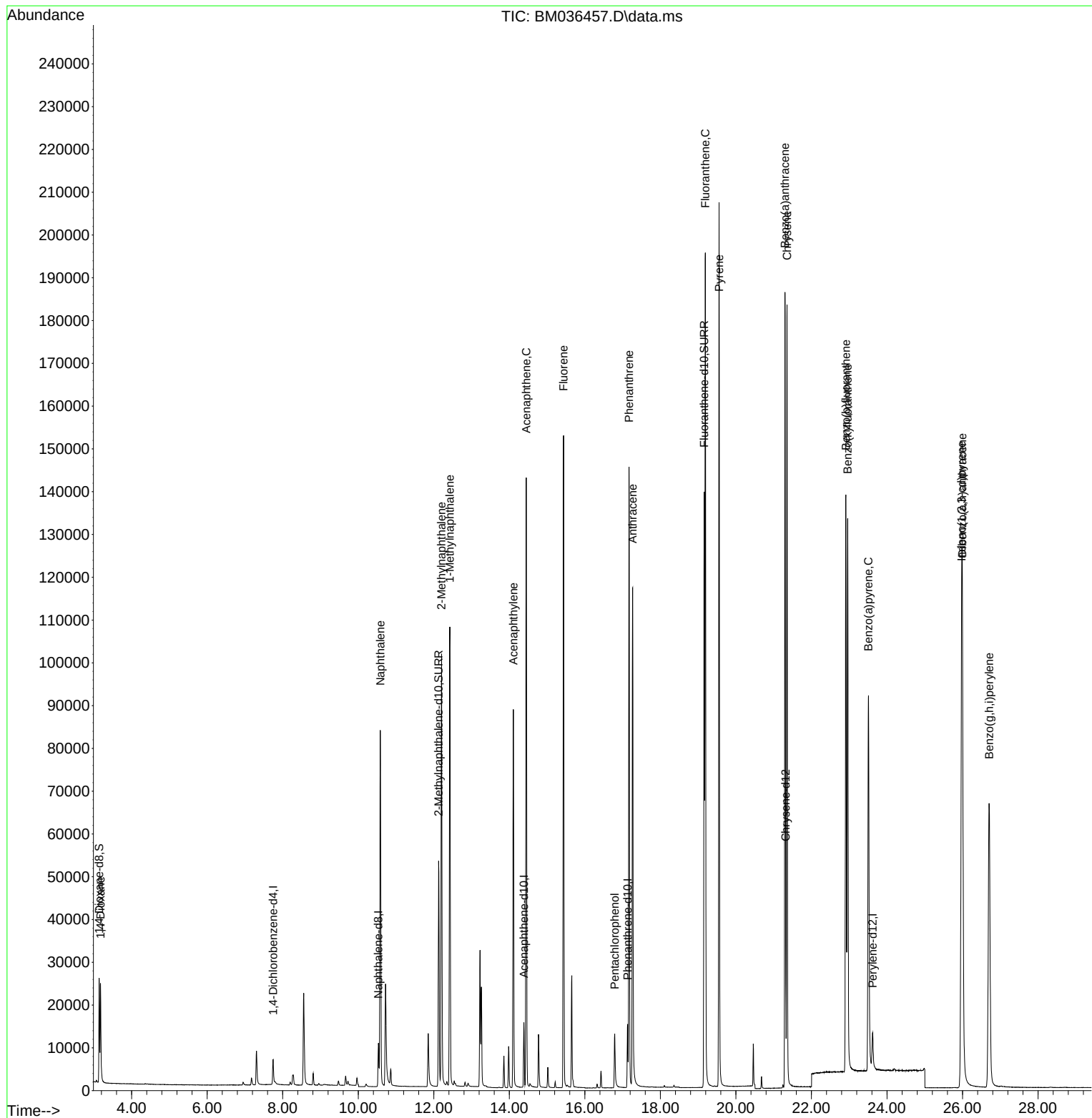
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	3539	0.400	ng/ul	0.00
4) Naphthalene-d8	10.534	136	13789	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.385	164	7957	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.132	188	16375	0.400	ng/ul	0.00
17) Chrysene-d12	21.316	240	15195	0.400	ng/ul	0.00
23) Perylene-d12	23.619	264	12584	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	15026	3.153	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.129	152	68916	3.127	ng/ul	-0.01
18) Fluoranthene-d10	19.159	212	143436	7.642	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.177	88	14797	3.288	ng/ul#	78
5) Naphthalene	10.583	128	113202	2.913	ng/ul	96
7) 2-Methylnaphthalene	12.206	142	73561	3.155	ng/ul	92
8) 1-Methylnaphthalene	12.426	142	74403	3.147	ng/ul	100
10) Acenaphthylene	14.108	152	99009	3.006	ng/ul	97
11) Acenaphthene	14.450	153	81645	3.070	ng/ul	99
12) Fluorene	15.435	166	92553	2.969	ng/ul	100
14) Pentachlorophenol	16.790	266	10134	3.131	ng/ul	98
15) Phenanthrene	17.170	178	147044	2.516	ng/ul	99
16) Anthracene	17.267	178	134790	2.902	ng/ul	97
19) Fluoranthene	19.191	202	165500	3.116	ng/ul	98
20) Pyrene	19.554	202	166741	3.022	ng/ul	98
21) Benzo(a)anthracene	21.298	228	156426	2.485	ng/ul	98
22) Chrysene	21.354	228	156045	1.804	ng/ul	98
24) Benzo(b)fluoranthene	22.911	252	164454	1.795	ng/ul	83
25) Benzo(k)fluoranthene	22.958	252	162581	1.764	ng/ul#	81
26) Benzo(a)pyrene	23.511	252	136996	2.366	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.974	276	162881	3.719	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.997	278	141897	3.823	ng/ul#	85
29) Benzo(g,h,i)perylene	26.705	276	147434	3.721	ng/ul	95

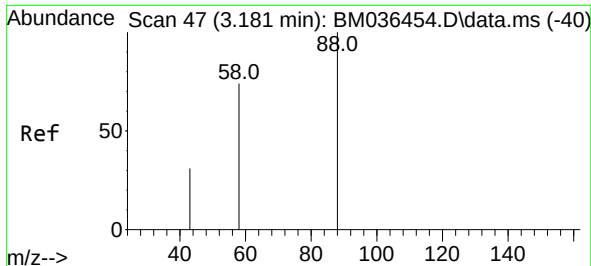
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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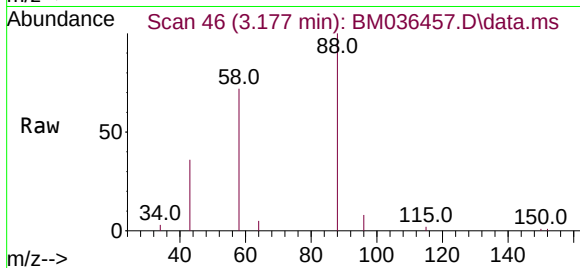
Quant Time: Aug 29 17:39:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM083022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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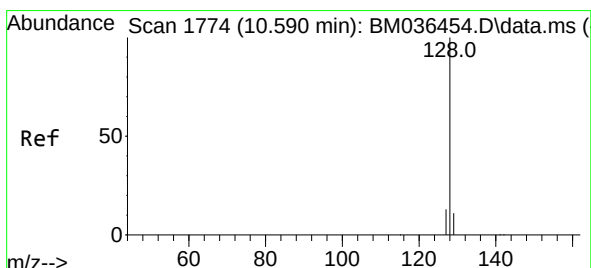
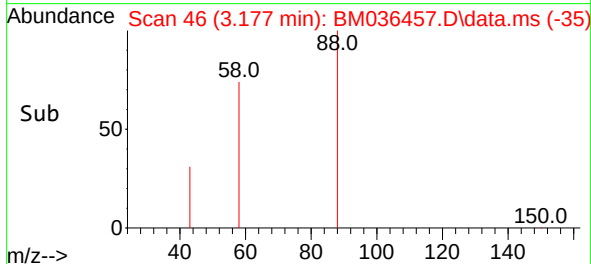
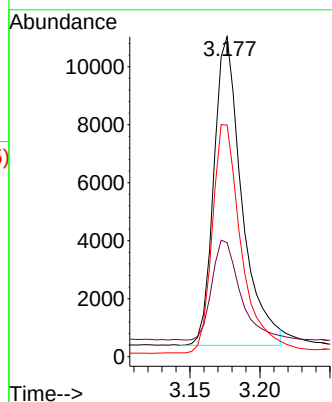


#2
1,4-Dioxane
Concen: 3.288 ng/ul
RT: 3.177 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM036457.D
Acq: 29 Aug 2022 17:03

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

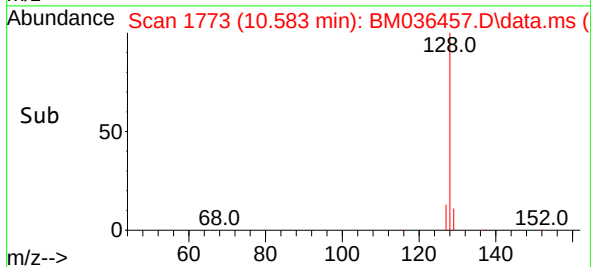
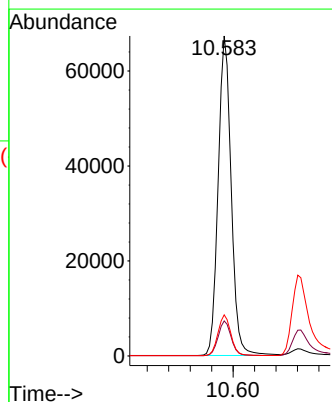
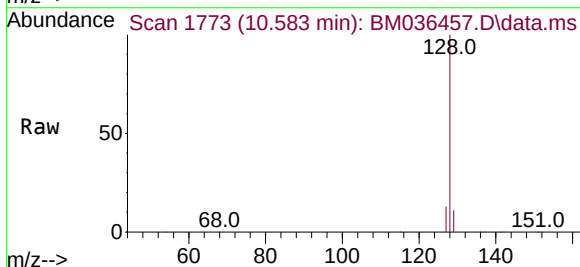


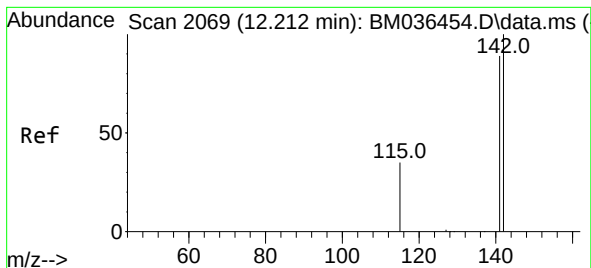
Tgt Ion: 88 Resp: 14797
Ion Ratio Lower Upper
88 100
43 35.7 37.8 56.6#
58 72.4 42.6 63.8#



#5
Naphthalene
Concen: 2.913 ng/ul
RT: 10.583 min Scan# 1773
Delta R.T. -0.007 min
Lab File: BM036457.D
Acq: 29 Aug 2022 17:03

Tgt Ion: 128 Resp: 113202
Ion Ratio Lower Upper
128 100
129 10.9 10.2 15.2
127 12.8 11.7 17.5

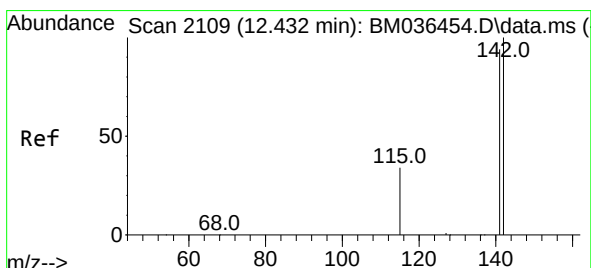
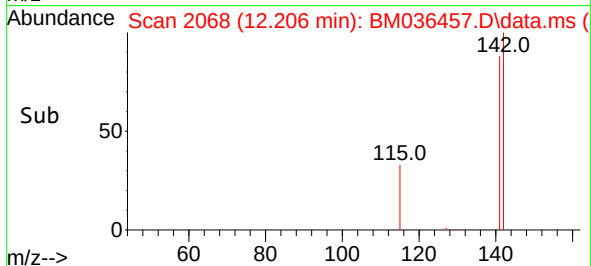
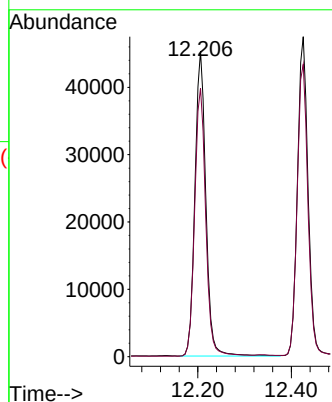
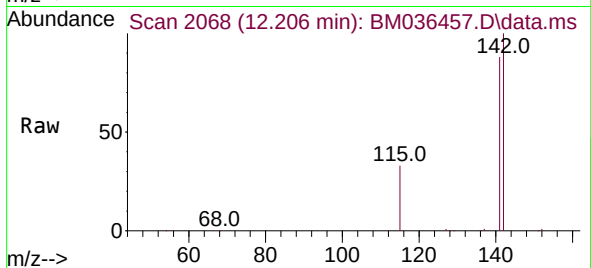




#7
2-Methylnaphthalene
Concen: 3.155 ng/ul
RT: 12.206 min Scan# 2068
Delta R.T. -0.007 min
Lab File: BM036457.D
Acq: 29 Aug 2022 17:03

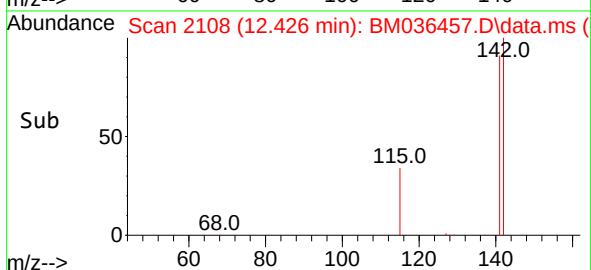
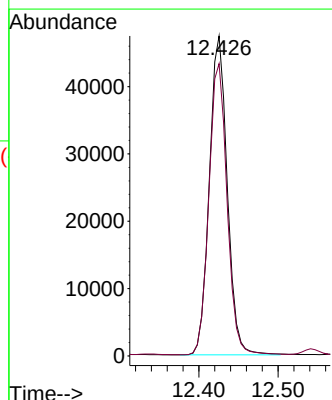
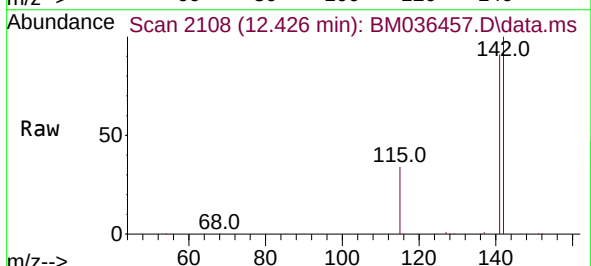
Instrument :
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ClientSampleId :
SSTD3.2020

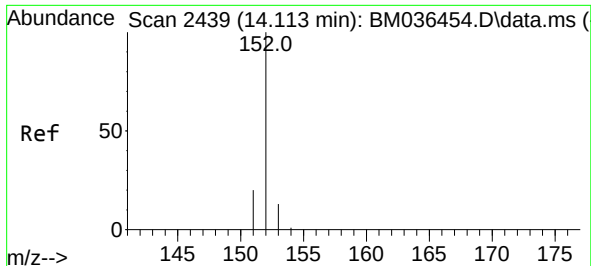
Tgt Ion:142 Resp: 73561
Ion Ratio Lower Upper
142 100
141 89.1 77.4 116.0



#8
1-Methylnaphthalene
Concen: 3.147 ng/ul
RT: 12.426 min Scan# 2108
Delta R.T. -0.007 min
Lab File: BM036457.D
Acq: 29 Aug 2022 17:03

Tgt Ion:142 Resp: 74403
Ion Ratio Lower Upper
142 100
141 92.5 74.1 111.1

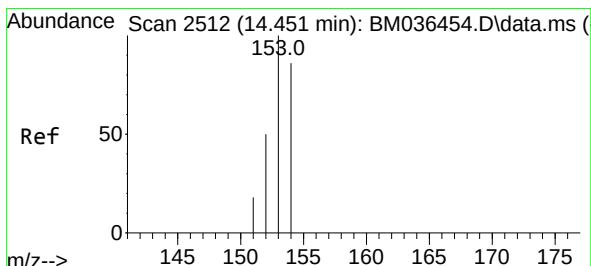
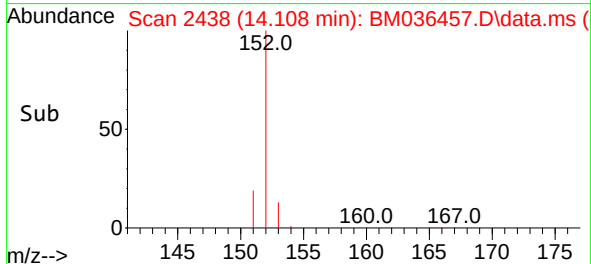
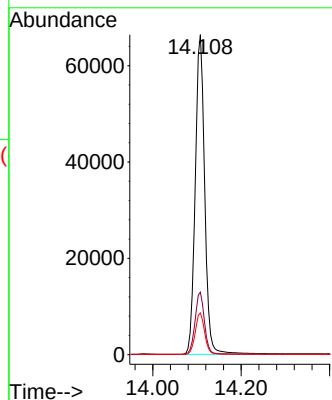
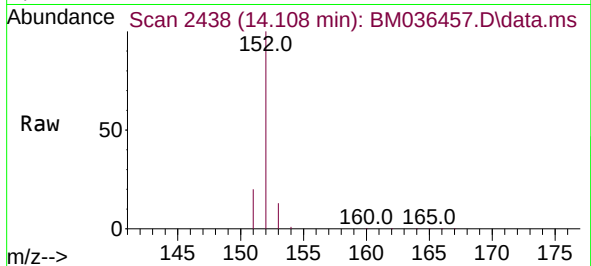




#10
Acenaphthylene
Concen: 3.006 ng/u1
RT: 14.108 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BM036457.D
Acq: 29 Aug 2022 17:03

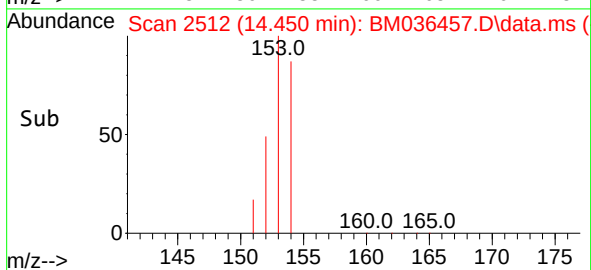
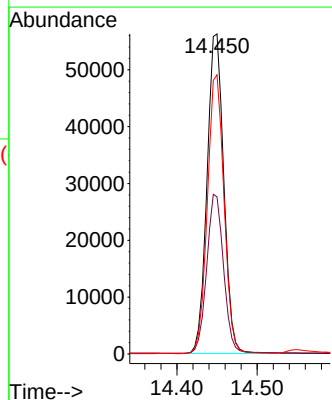
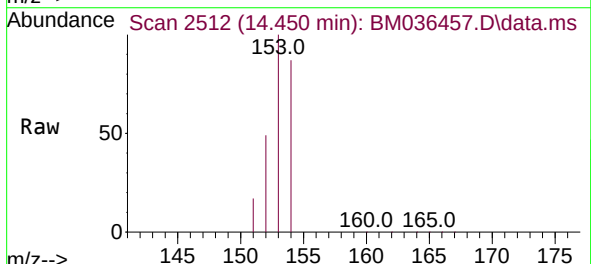
Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

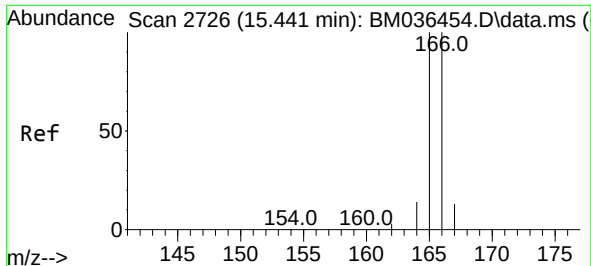
Tgt Ion:152 Resp: 99009
Ion Ratio Lower Upper
152 100
151 19.5 16.6 24.8
153 13.1 11.4 17.0



#11
Acenaphthene
Concen: 3.070 ng/u1
RT: 14.450 min Scan# 2512
Delta R.T. -0.001 min
Lab File: BM036457.D
Acq: 29 Aug 2022 17:03

Tgt Ion:153 Resp: 81645
Ion Ratio Lower Upper
153 100
152 49.1 40.2 60.4
154 87.3 69.7 104.5

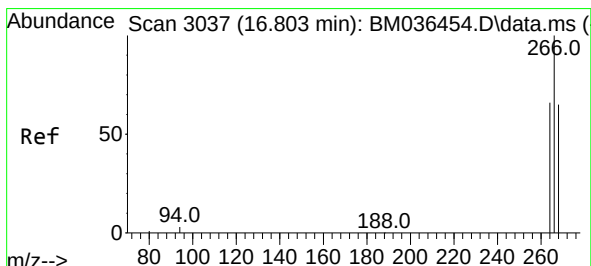
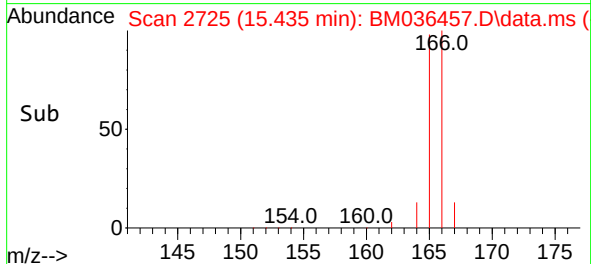
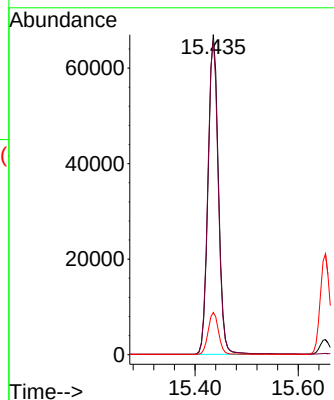
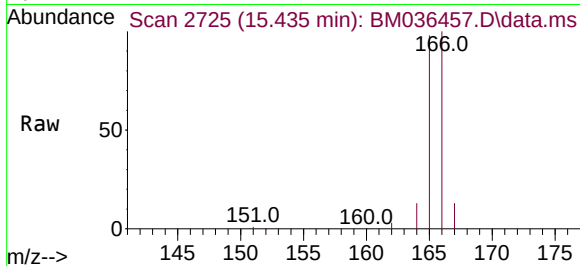




#12
 Fluorene
 Concen: 2.969 ng/ul
 RT: 15.435 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036457.D
 Acq: 29 Aug 2022 17:03

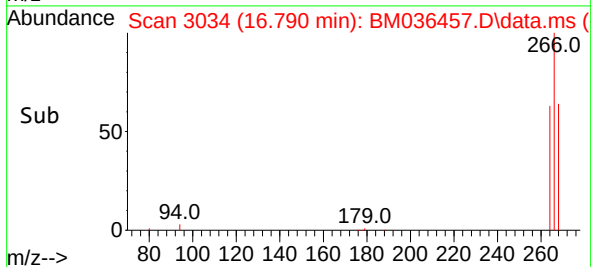
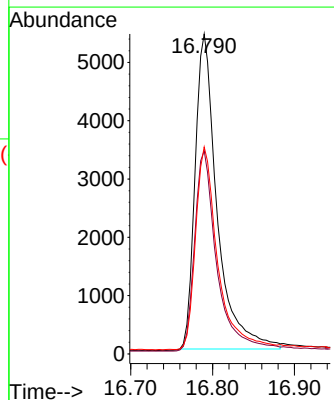
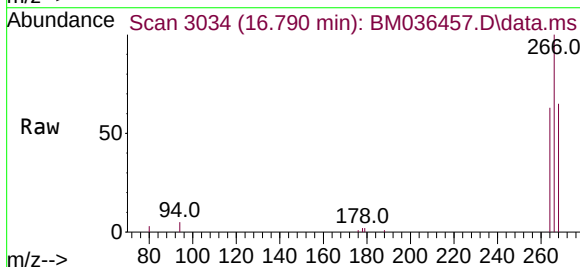
Instrument :
 BNA_M
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 SSTD3.2020

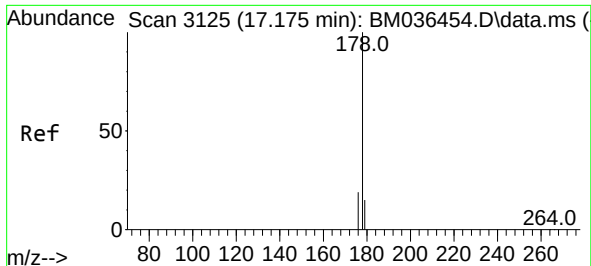
Tgt Ion:166	Resp:	92553
Ion Ratio	Lower	Upper
166	100	
165	98.4	78.9 118.3
167	13.2	11.3 16.9



#14
 Pentachlorophenol
 Concen: 3.131 ng/ul
 RT: 16.790 min Scan# 3034
 Delta R.T. -0.014 min
 Lab File: BM036457.D
 Acq: 29 Aug 2022 17:03

Tgt Ion:266	Resp:	10134
Ion Ratio	Lower	Upper
266	100	
264	62.8	50.3 75.5
268	64.3	53.5 80.3

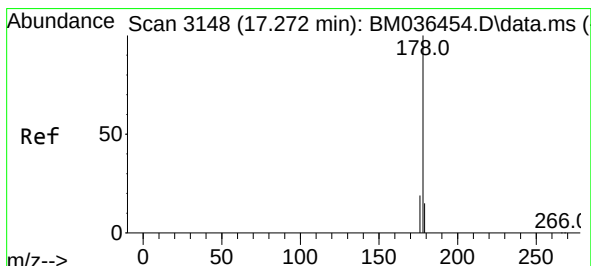
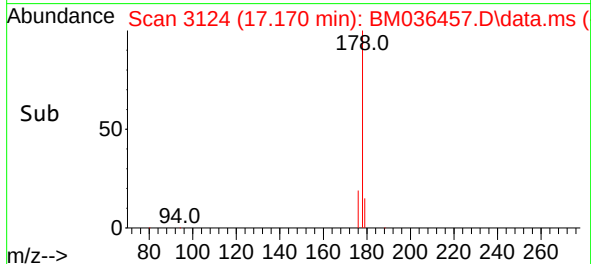
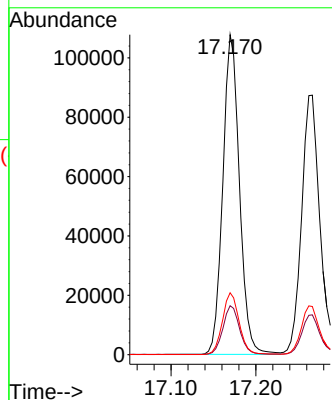
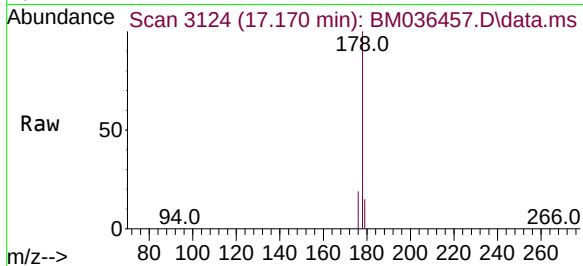




#15
Phenanthrene
Concen: 2.516 ng/ul
RT: 17.170 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BM036457.D
Acq: 29 Aug 2022 17:03

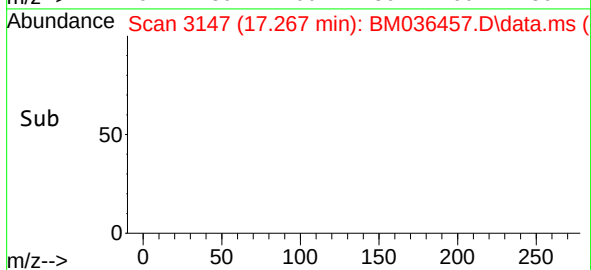
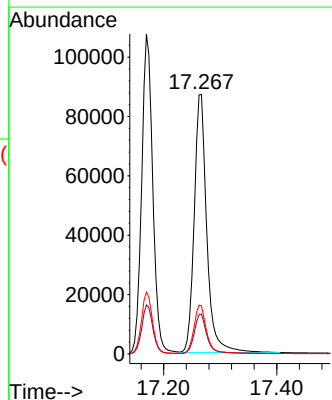
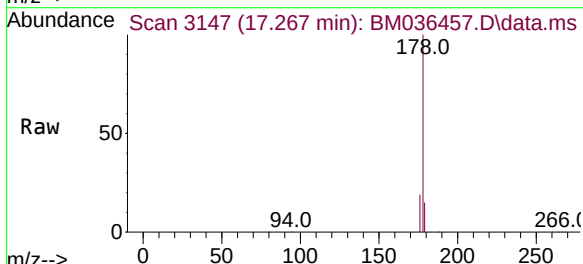
Instrument :
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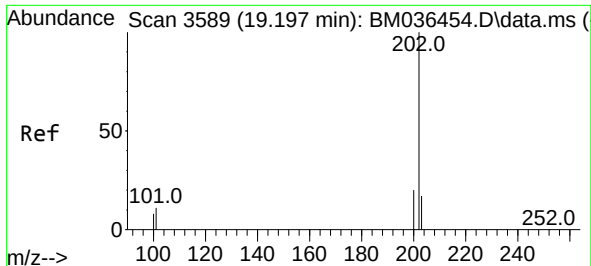
Tgt Ion:178 Resp: 147044
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.6
176 19.3 15.6 23.4



#16
Anthracene
Concen: 2.902 ng/ul
RT: 17.267 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BM036457.D
Acq: 29 Aug 2022 17:03

Tgt Ion:178 Resp: 134790
Ion Ratio Lower Upper
178 100
179 15.3 13.6 20.4
176 18.5 15.6 23.4

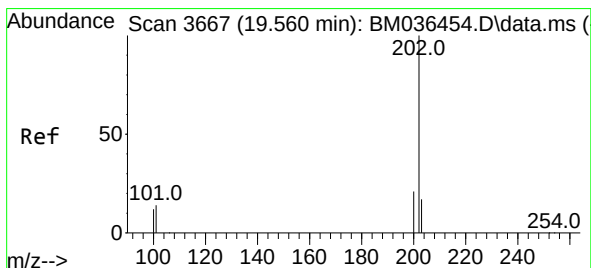
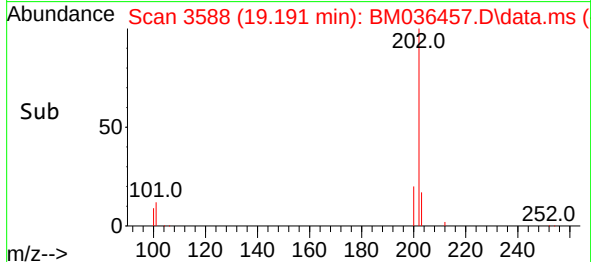
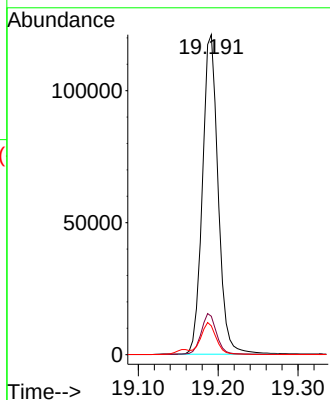
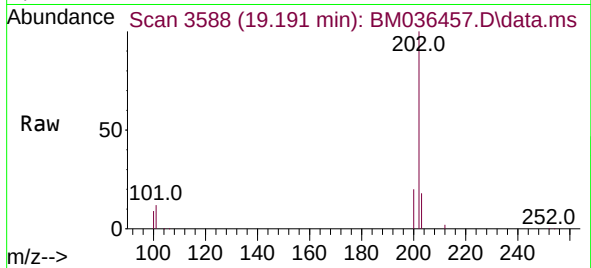




#19
Fluoranthene
Concen: 3.116 ng/ul
RT: 19.191 min Scan# 3588
Delta R.T. -0.006 min
Lab File: BM036457.D
Acq: 29 Aug 2022 17:03

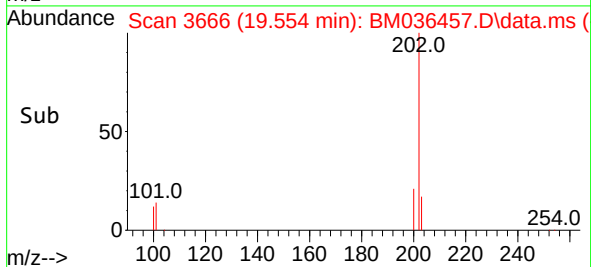
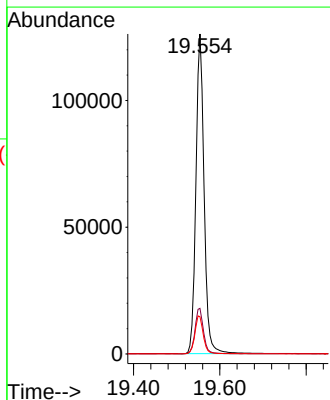
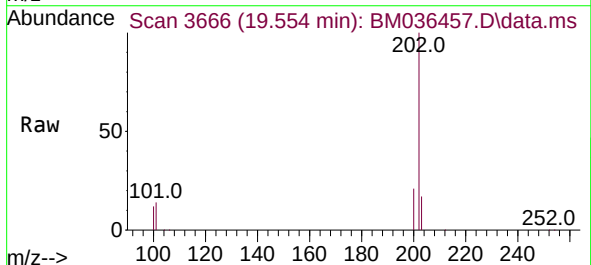
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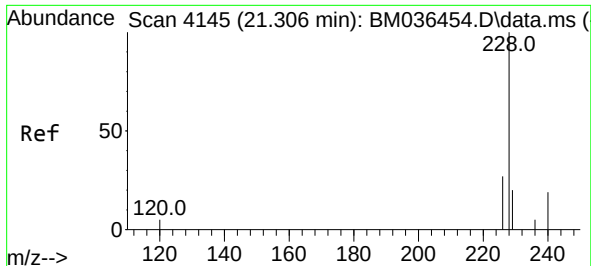
Tgt Ion:202 Resp: 165500
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 9.0 7.9 11.9



#20
Pyrene
Concen: 3.022 ng/ul
RT: 19.554 min Scan# 3666
Delta R.T. -0.006 min
Lab File: BM036457.D
Acq: 29 Aug 2022 17:03

Tgt Ion:202 Resp: 166741
Ion Ratio Lower Upper
202 100
101 14.3 12.0 18.0
100 11.6 9.8 14.6

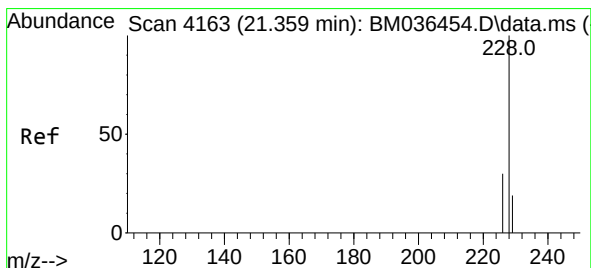
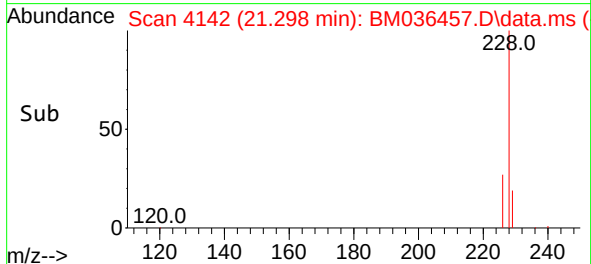
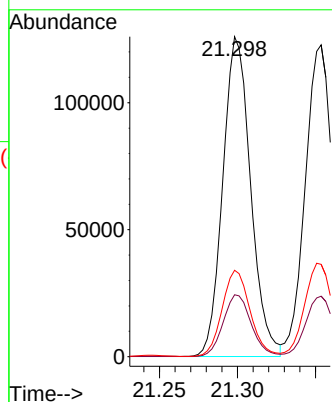
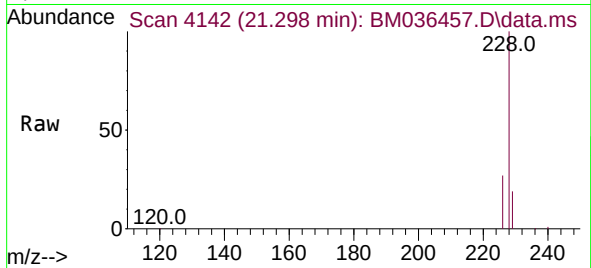




#21
Benzo(a)anthracene
Concen: 2.485 ng/ul
RT: 21.298 min Scan# 4145
Delta R.T. -0.008 min
Lab File: BM036457.D
Acq: 29 Aug 2022 17:03

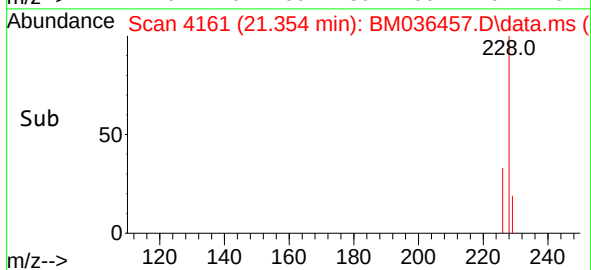
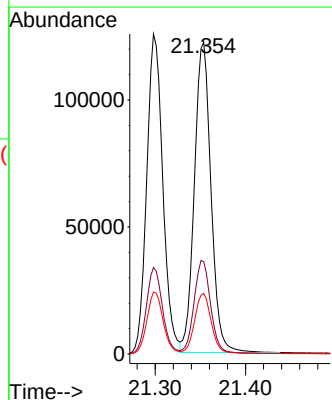
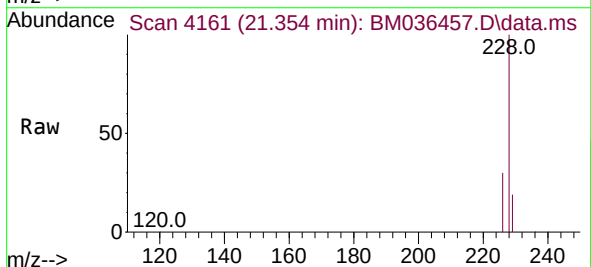
Instrument :
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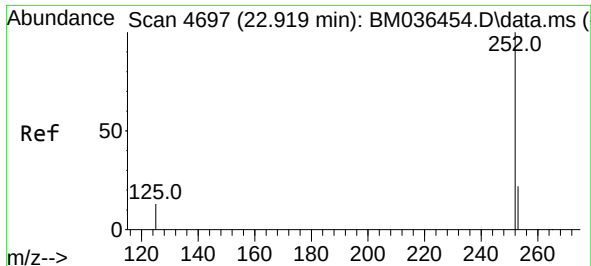
Tgt Ion:228 Resp: 156426
Ion Ratio Lower Upper
228 100
229 19.3 16.2 24.2
226 27.0 22.5 33.7



#22
Chrysene
Concen: 1.804 ng/ul
RT: 21.354 min Scan# 4161
Delta R.T. -0.005 min
Lab File: BM036457.D
Acq: 29 Aug 2022 17:03

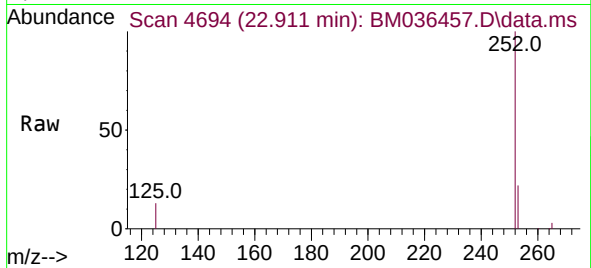
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Ion Ratio Lower Upper
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226 29.6 24.6 37.0
229 19.4 16.4 24.6



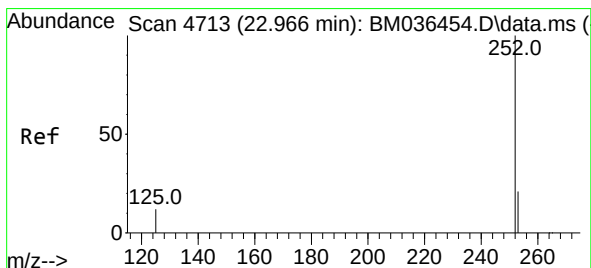
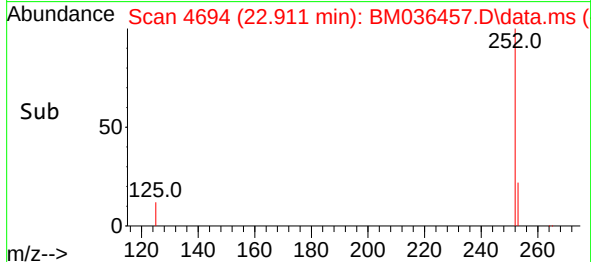
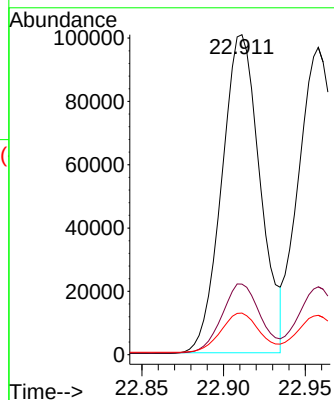


#24
Benzo(b)fluoranthene
Concen: 1.795 ng/ul
RT: 22.911 min Scan# 4694
Delta R.T. -0.008 min
Lab File: BM036457.D
Acq: 29 Aug 2022 17:03

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

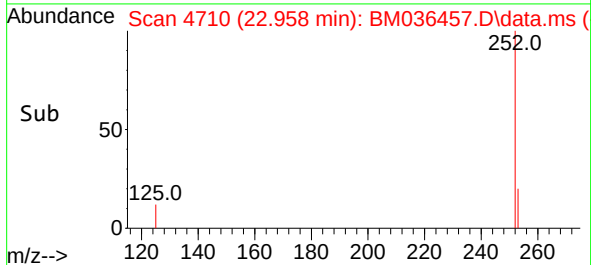
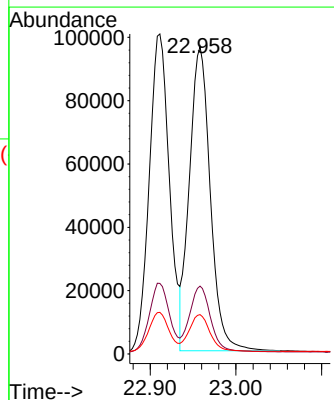
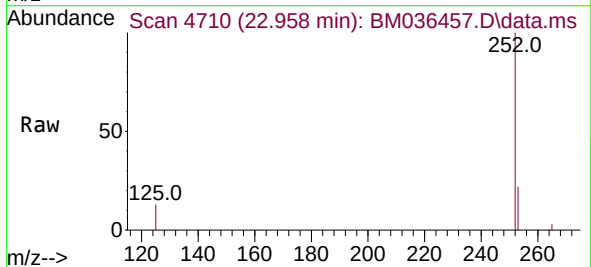


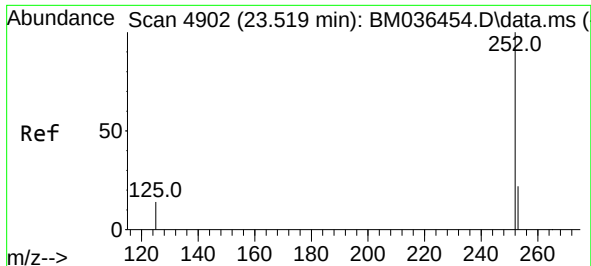
Tgt Ion:252 Resp: 164454
Ion Ratio Lower Upper
252 100
253 22.1 0.0 61.4
125 13.0 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 1.764 ng/ul
RT: 22.958 min Scan# 4710
Delta R.T. -0.008 min
Lab File: BM036457.D
Acq: 29 Aug 2022 17:03

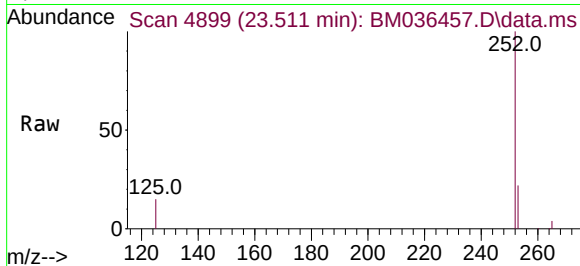
Tgt Ion:252 Resp: 162581
Ion Ratio Lower Upper
252 100
253 22.1 25.2 37.8#
125 12.8 18.3 27.5#



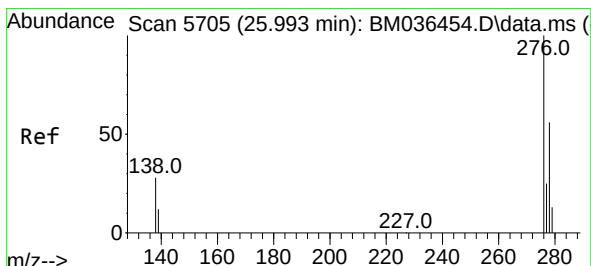
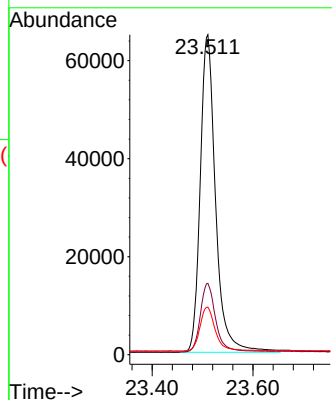
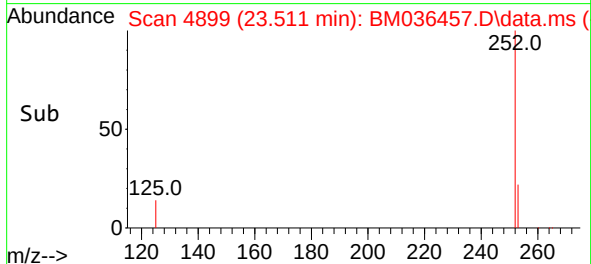


#26
Benzo(a)pyrene
Concen: 2.366 ng/ul
RT: 23.511 min Scan# 41
Delta R.T. -0.008 min
Lab File: BM036457.D
Acq: 29 Aug 2022 17:03

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

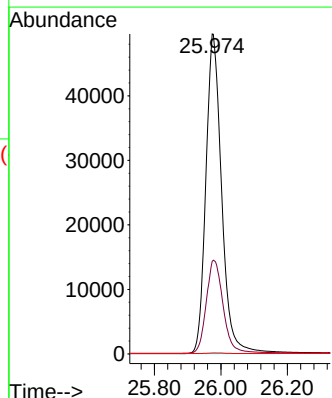
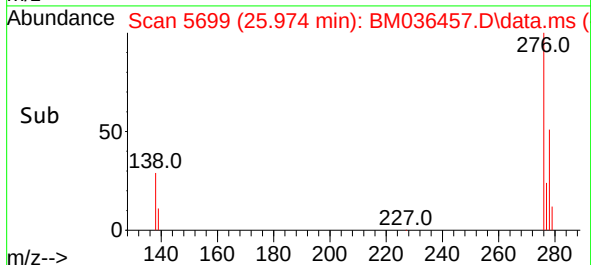
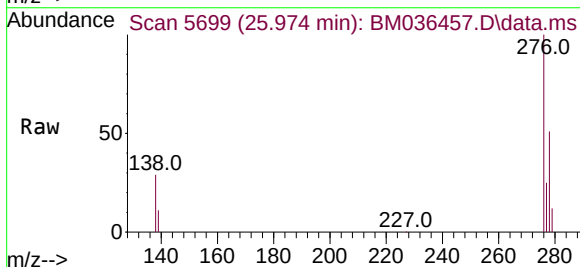


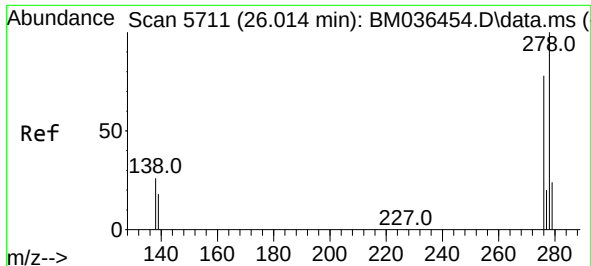
Tgt Ion:252 Resp: 136996
Ion Ratio Lower Upper
252 100
253 22.3 29.7 44.5#
125 14.9 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.719 ng/ul
RT: 25.974 min Scan# 5699
Delta R.T. -0.020 min
Lab File: BM036457.D
Acq: 29 Aug 2022 17:03

Tgt Ion:276 Resp: 162881
Ion Ratio Lower Upper
276 100
138 31.3 23.9 35.9
227 0.2 0.1 0.1#

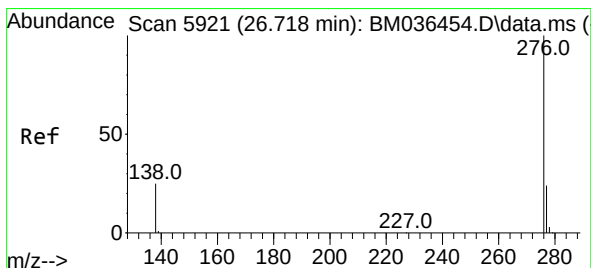
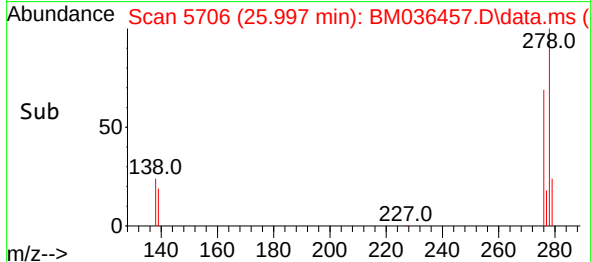
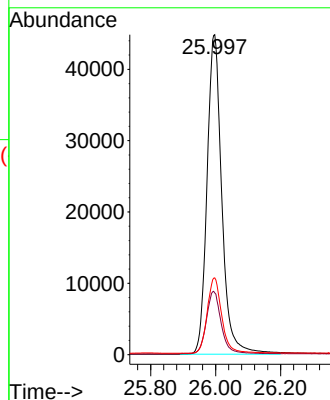
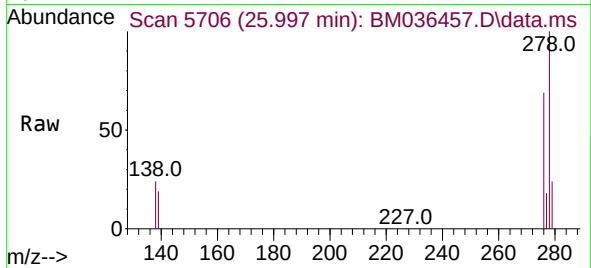




#28
Dibenzo(a,h)anthracene
Concen: 3.823 ng/ul
RT: 25.997 min Scan# 51
Delta R.T. -0.016 min
Lab File: BM036457.D
Acq: 29 Aug 2022 17:03

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:278 Resp: 141897
Ion Ratio Lower Upper
278 100
139 19.3 19.8 29.6#
279 24.0 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 3.721 ng/ul
RT: 26.705 min Scan# 5917
Delta R.T. -0.013 min
Lab File: BM036457.D
Acq: 29 Aug 2022 17:03

Tgt Ion:276 Resp: 147434
Ion Ratio Lower Upper
276 100
138 26.1 23.4 35.0
277 23.7 21.0 31.4

