

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090322\
 Data File : BM036493.D
 Acq On : 02 Sep 2022 16:13
 Operator : CG/JU
 Sample : PB147415BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS415

Quant Time: Sep 02 16:52:45 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 17:45:20 2022
 Response via : Initial Calibration

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

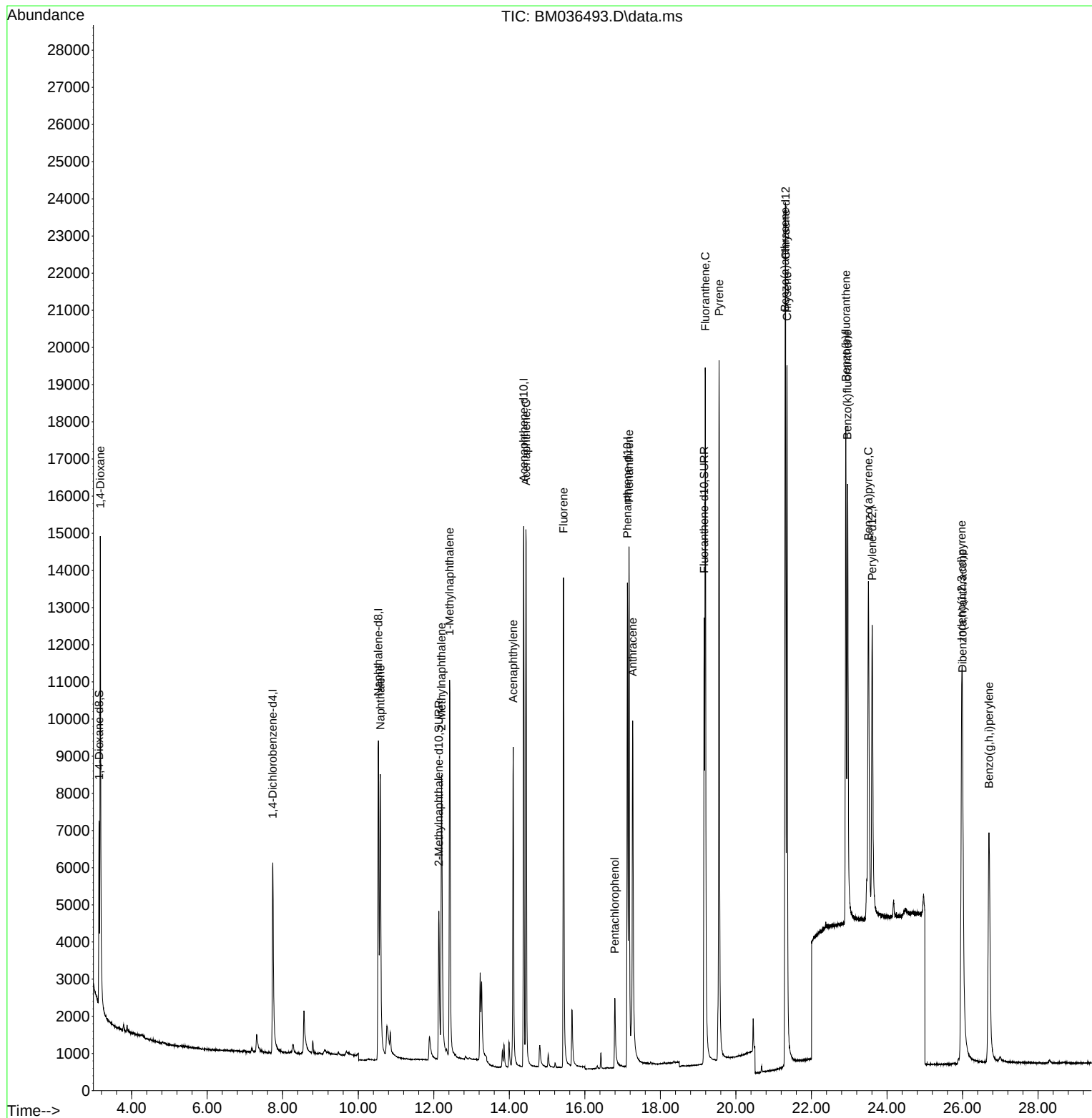
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	3744	0.400	ng/ul	0.00
4) Naphthalene-d8	10.534	136	15040	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.381	164	8396	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.127	188	17073	0.400	ng/ul	0.00
17) Chrysene-d12	21.316	240	15189	0.400	ng/ul	# 0.00
23) Perylene-d12	23.607	264	11984	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3226	0.593	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.134	152	7495	0.319	ng/ul	0.00
18) Fluoranthene-d10	19.159	212	15529	0.329	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.172	88	8316	1.609	ng/ul#	81
5) Naphthalene	10.583	128	12879	0.313	ng/ul	97
7) 2-Methylnaphthalene	12.206	142	7965	0.316	ng/ul	95
8) 1-Methylnaphthalene	12.420	142	8416	0.328	ng/ul	99
10) Acenaphthylene	14.103	152	11101	0.348	ng/ul	99
11) Acenaphthene	14.441	153	8871	0.315	ng/ul	99
12) Fluorene	15.435	166	9786	0.312	ng/ul	100
14) Pentachlorophenol	16.794	266	1845	0.600	ng/ul	97
15) Phenanthrene	17.170	178	16083	0.323	ng/ul	100
16) Anthracene	17.267	178	13620	0.325	ng/ul	99
19) Fluoranthene	19.191	202	18623	0.341	ng/ul	98
20) Pyrene	19.554	202	19352	0.343	ng/ul	97
21) Benzo(a)anthracene	21.301	228	15715	0.342	ng/ul	99
22) Chrysene	21.354	228	19195	0.374	ng/ul	99
24) Benzo(b)fluoranthene	22.911	252	17528	0.368	ng/ul	93
25) Benzo(k)fluoranthene	22.955	252	16919	0.355	ng/ul#	91
26) Benzo(a)pyrene	23.511	252	16111	0.413	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.977	276	17506	0.377	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.001	278	14395	0.362	ng/ul#	90
29) Benzo(g,h,i)perylene	26.702	276	15840	0.358	ng/ul	95

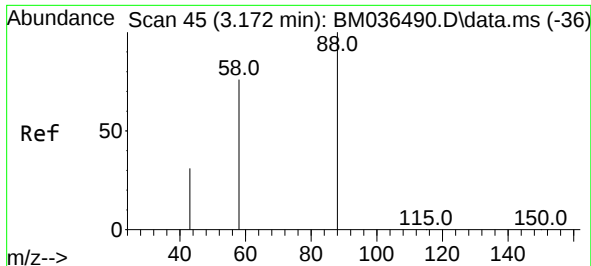
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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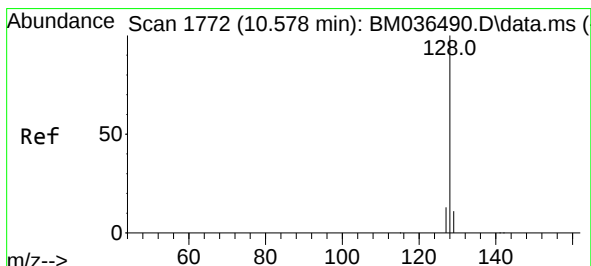
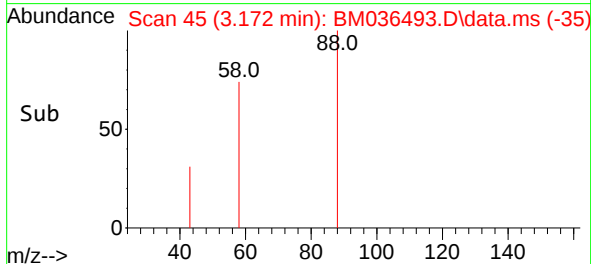
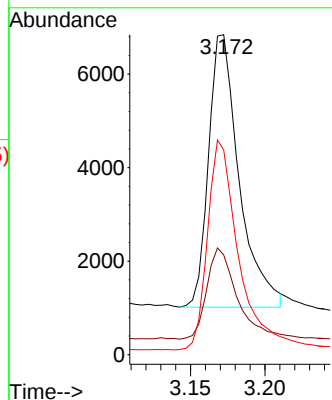
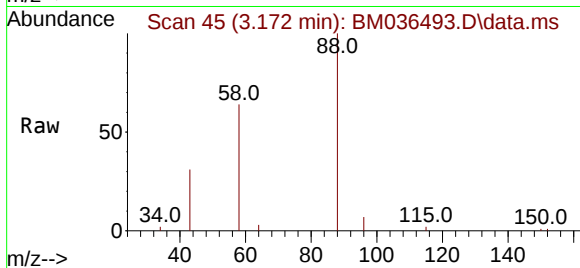




#2
1,4-Dioxane
Concen: 1.609 ng/ul
RT: 3.172 min Scan# 41
Delta R.T. -0.008 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

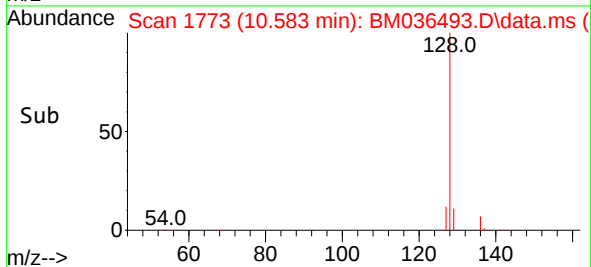
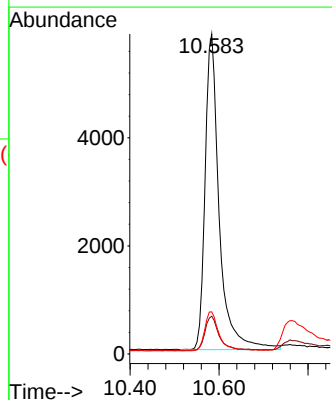
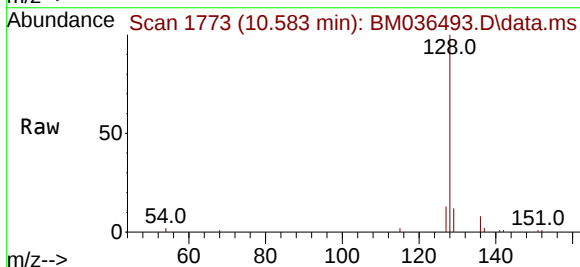
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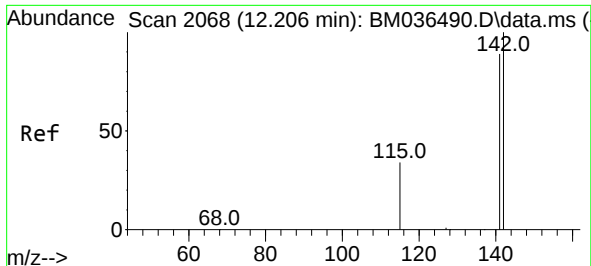
Tgt Ion: 88 Resp: 8316
Ion Ratio Lower Upper
88 100
43 31.1 37.8 56.6#
58 63.9 42.6 63.8#



#5
Naphthalene
Concen: 0.313 ng/ul
RT: 10.583 min Scan# 1773
Delta R.T. -0.007 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

Tgt Ion: 128 Resp: 12879
Ion Ratio Lower Upper
128 100
129 11.8 10.2 15.2
127 13.2 11.7 17.5

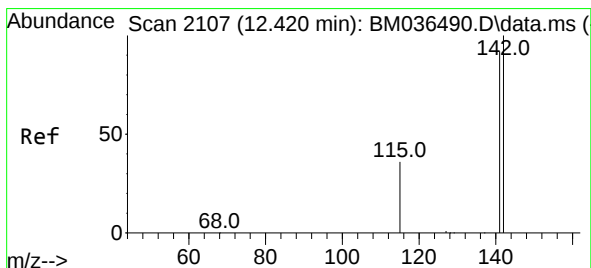
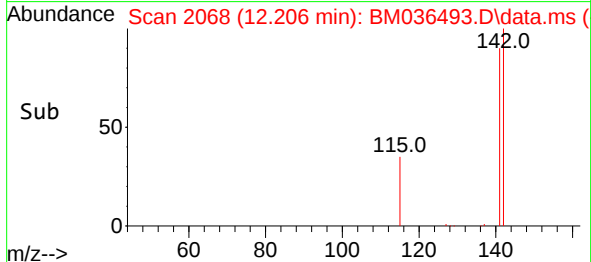
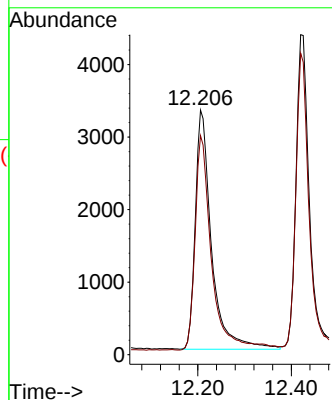
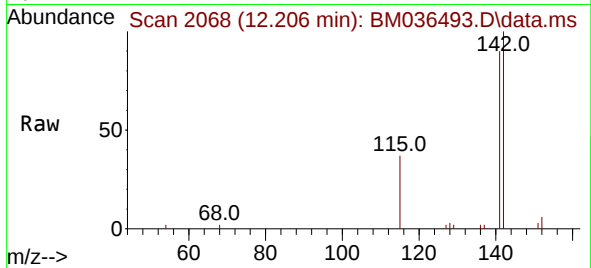




#7
2-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.206 min Scan# 2068
Delta R.T. -0.007 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

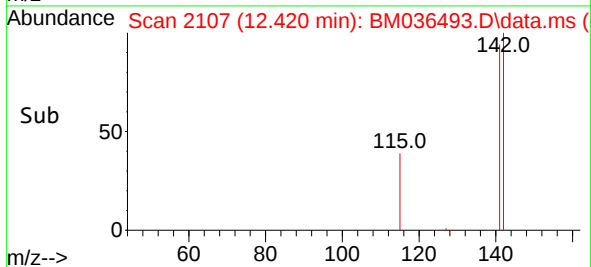
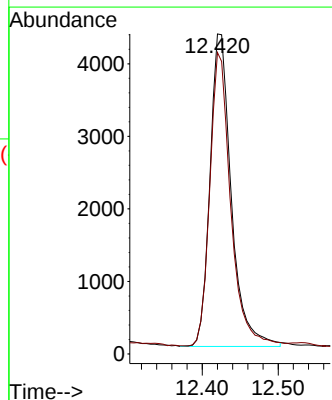
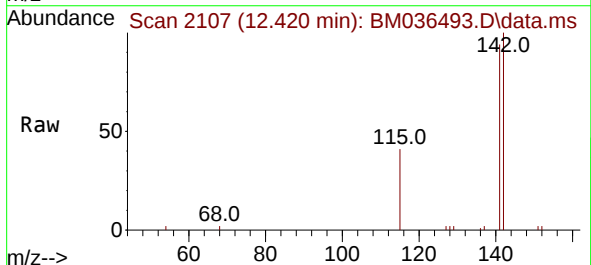
Instrument :
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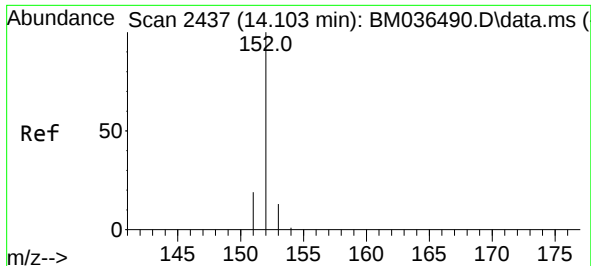
Tgt Ion:142 Resp: 7965
Ion Ratio Lower Upper
142 100
141 91.4 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.420 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

Tgt Ion:142 Resp: 8416
Ion Ratio Lower Upper
142 100
141 91.8 74.1 111.1

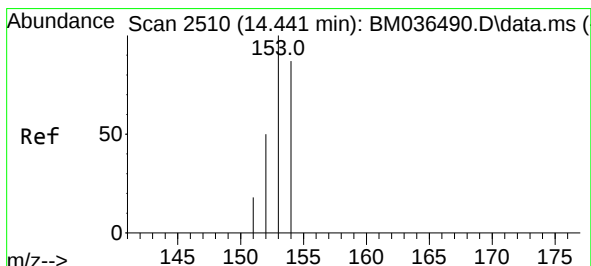
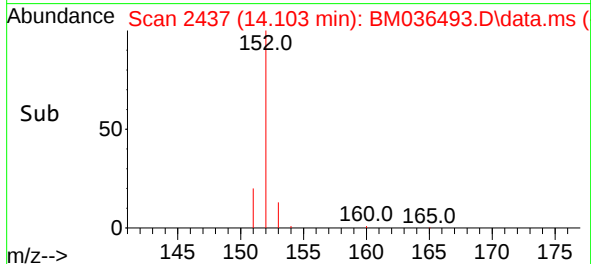
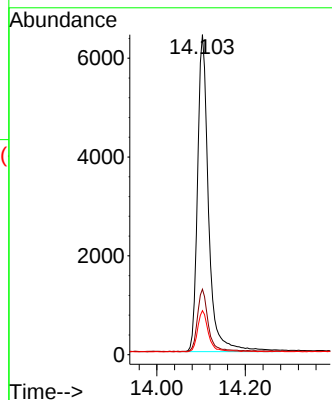
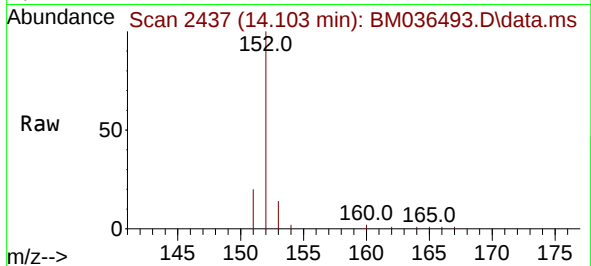




#10
Acenaphthylene
Concen: 0.348 ng/ul
RT: 14.103 min Scan# 2437
Delta R.T. -0.010 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

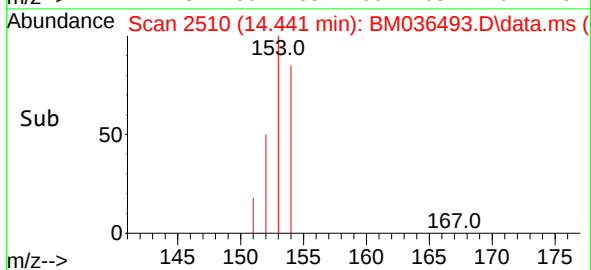
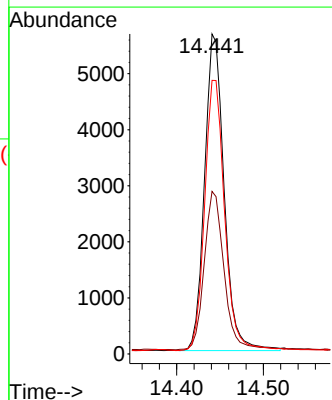
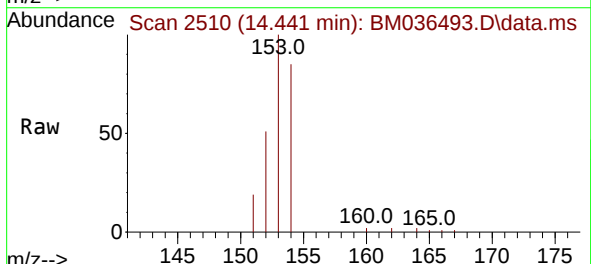
Instrument :
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ClientSampleId :
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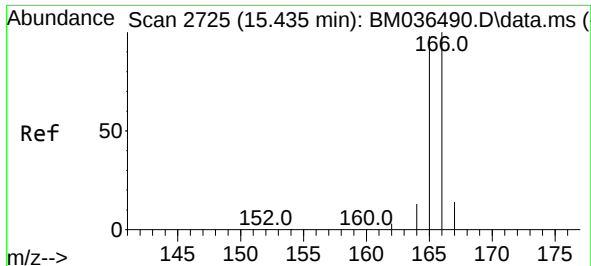
Tgt Ion:	152	Resp:	11101
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.6	24.8
153	13.8	11.4	17.0



#11
Acenaphthene
Concen: 0.315 ng/ul
RT: 14.441 min Scan# 2510
Delta R.T. -0.010 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

Tgt Ion:	153	Resp:	8871
Ion Ratio	Lower	Upper	
153	100		
152	50.8	40.2	60.4
154	85.5	69.7	104.5

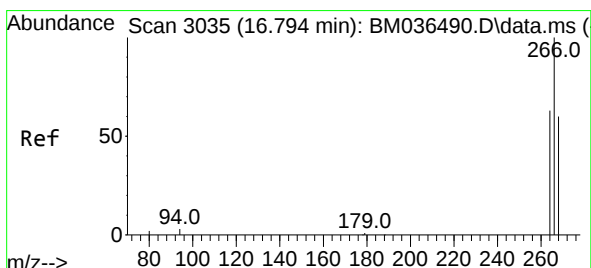
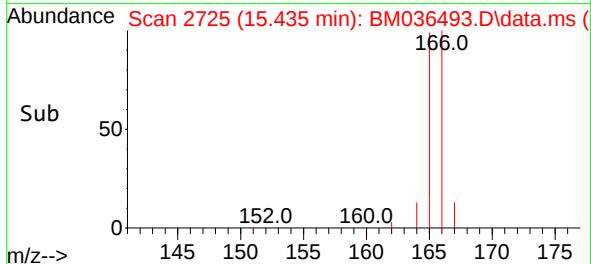
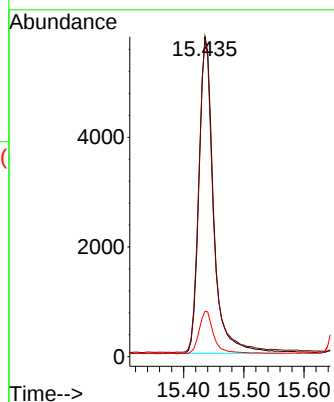
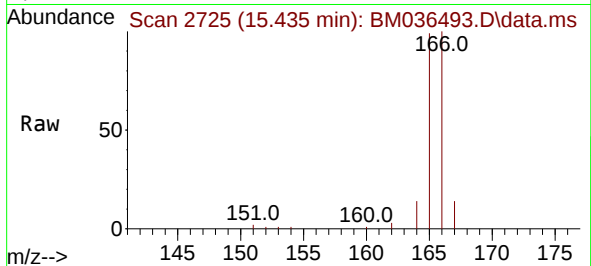




#12
Fluorene
Concen: 0.312 ng/ul
RT: 15.435 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

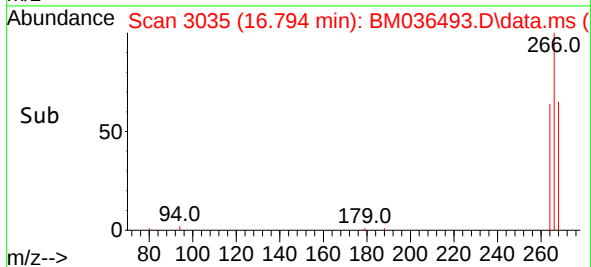
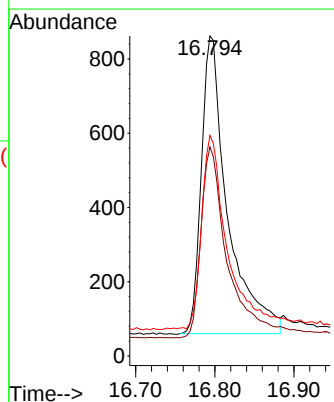
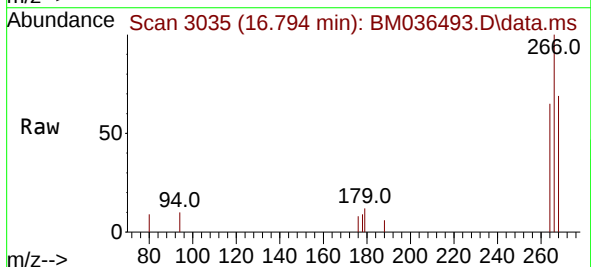
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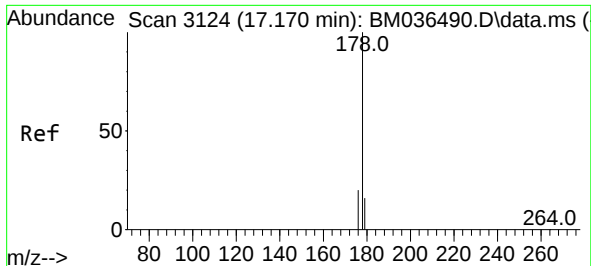
Tgt Ion:166 Resp: 9786
Ion Ratio Lower Upper
166 100
165 99.1 78.9 118.3
167 14.2 11.3 16.9



#14
Pentachlorophenol
Concen: 0.600 ng/ul
RT: 16.794 min Scan# 3035
Delta R.T. -0.010 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

Tgt Ion:266 Resp: 1845
Ion Ratio Lower Upper
266 100
264 63.8 50.3 75.5
268 62.9 53.5 80.3

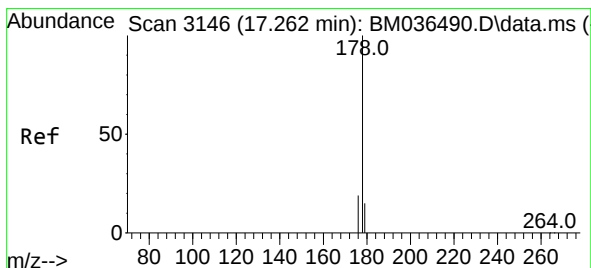
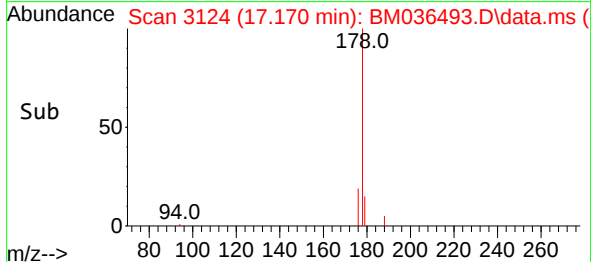
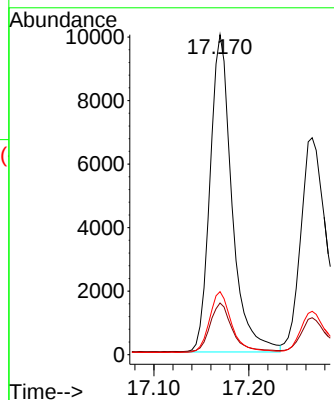
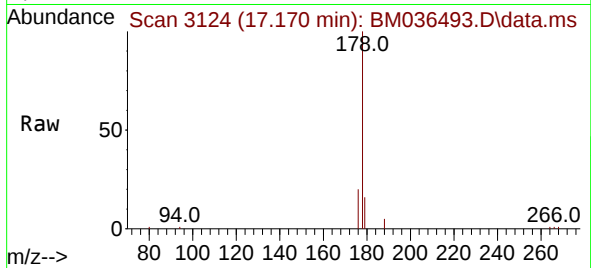




#15
Phenanthrene
Concen: 0.323 ng/ul
RT: 17.170 min Scan# 3124
Delta R.T. -0.005 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

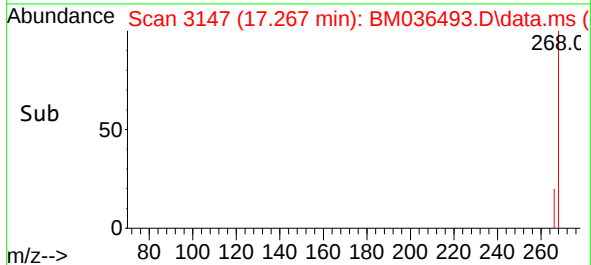
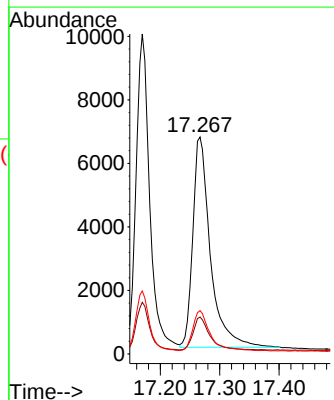
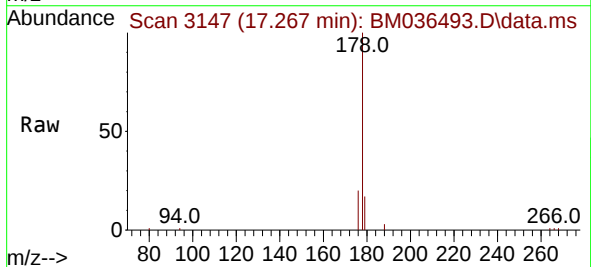
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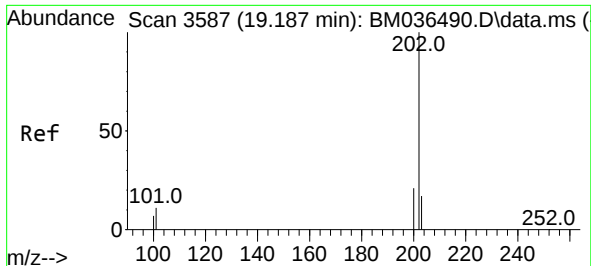
Tgt Ion:178 Resp: 16083
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.325 ng/ul
RT: 17.267 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

Tgt Ion:178 Resp: 13620
Ion Ratio Lower Upper
178 100
179 17.1 13.6 20.4
176 20.0 15.6 23.4

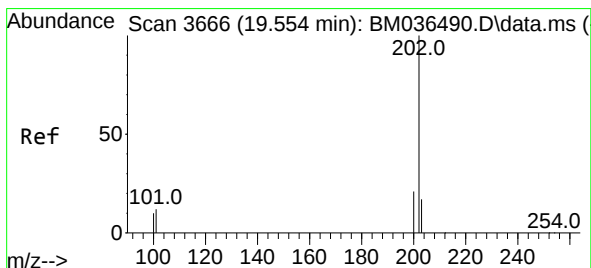
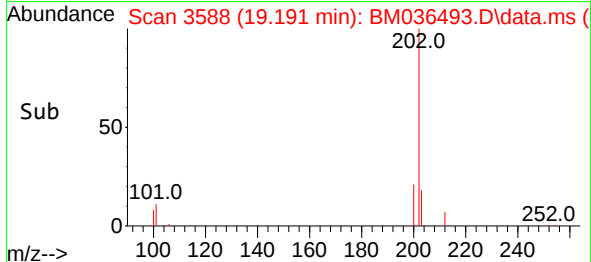
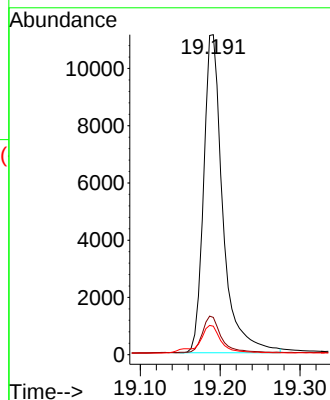
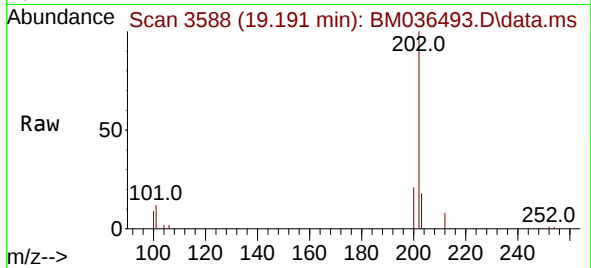




#19
Fluoranthene
Concen: 0.341 ng/ul
RT: 19.191 min Scan# 3588
Delta R.T. -0.006 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

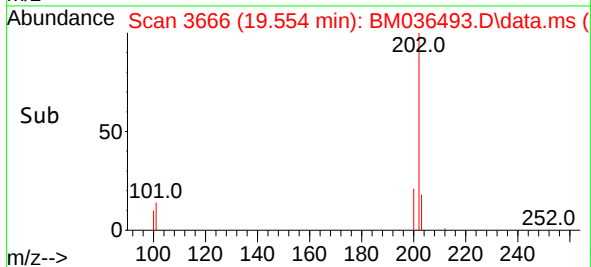
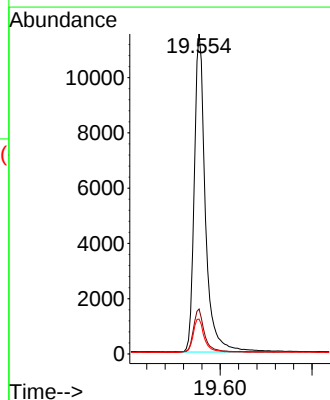
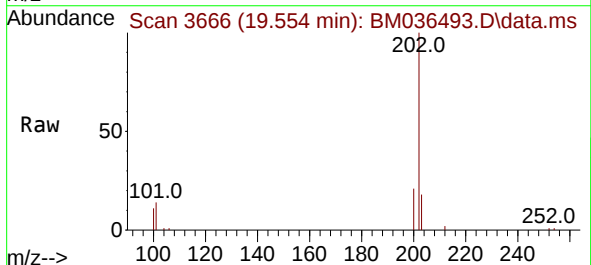
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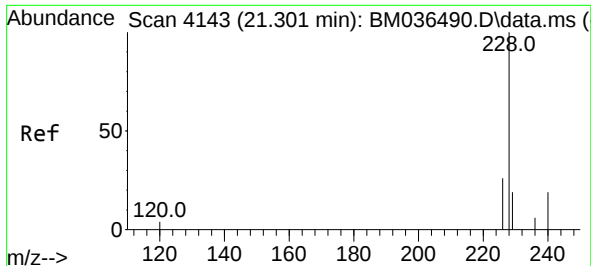
Tgt Ion:202 Resp: 18623
Ion Ratio Lower Upper
202 100
101 11.7 10.1 15.1
100 8.9 7.9 11.9



#20
Pyrene
Concen: 0.343 ng/ul
RT: 19.554 min Scan# 3666
Delta R.T. -0.006 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

Tgt Ion:202 Resp: 19352
Ion Ratio Lower Upper
202 100
101 14.1 12.0 18.0
100 10.9 9.8 14.6

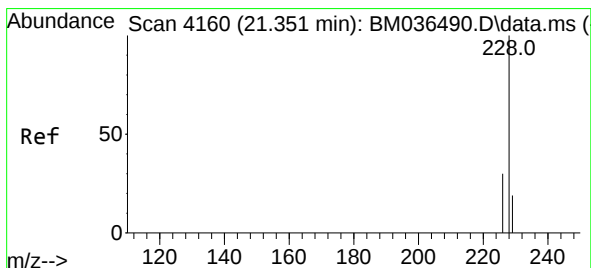
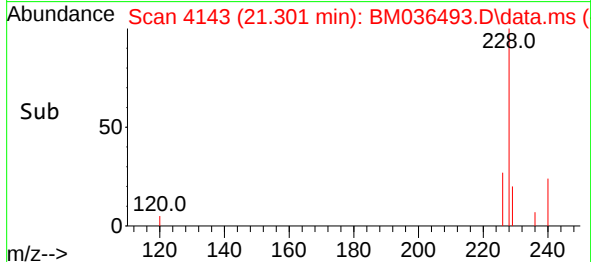
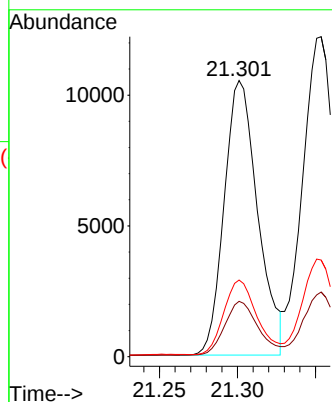
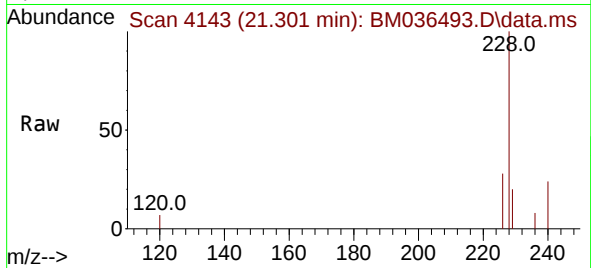




#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.301 min Scan# 4143
Delta R.T. -0.005 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

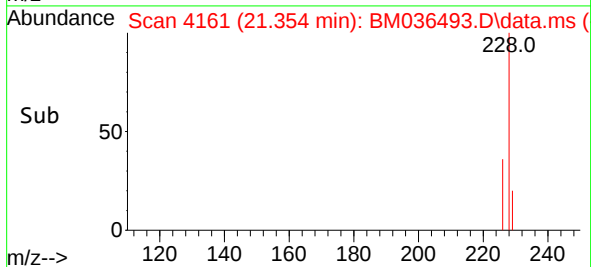
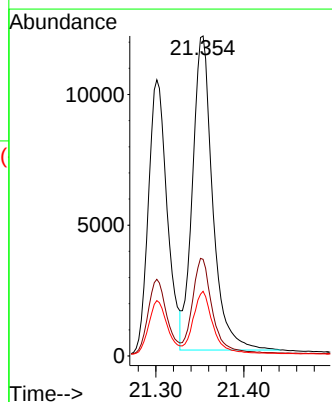
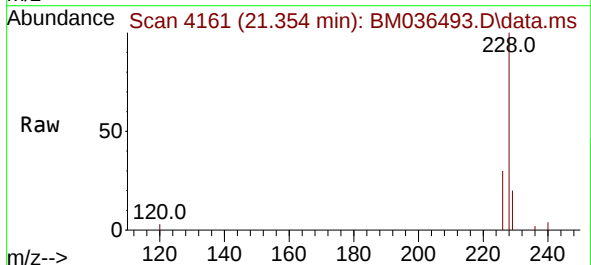
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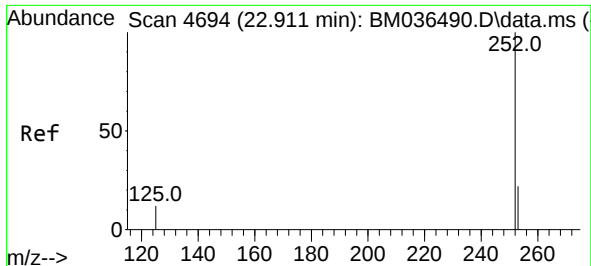
Tgt Ion:228 Resp: 15715
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 27.7 22.5 33.7



#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.354 min Scan# 4161
Delta R.T. -0.005 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

Tgt Ion:228 Resp: 19195
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 20.2 16.4 24.6

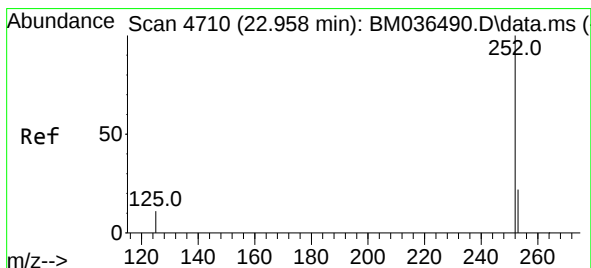
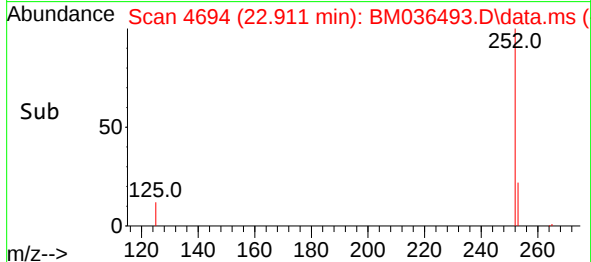
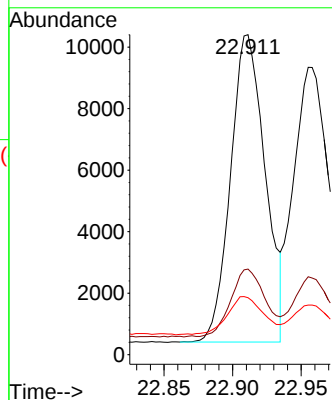
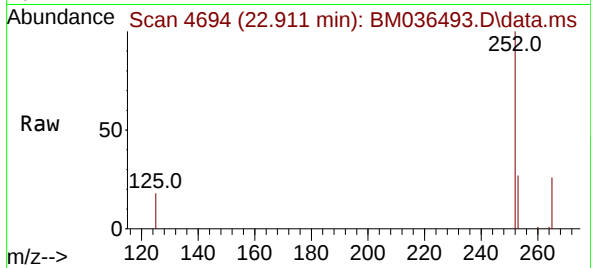




#24
Benzo(b)fluoranthene
Concen: 0.368 ng/ul
RT: 22.911 min Scan# 4708
Delta R.T. -0.008 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

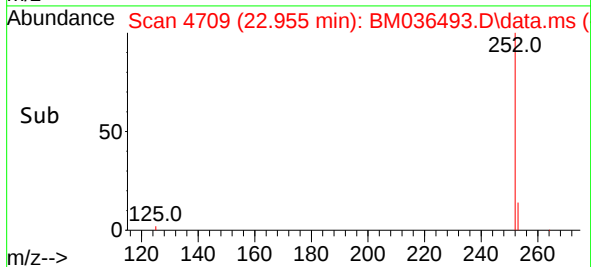
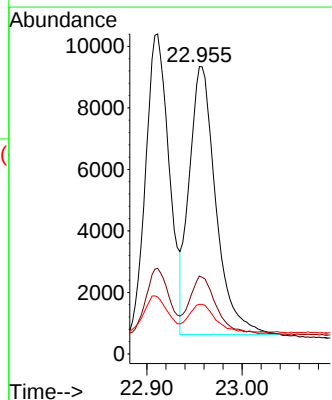
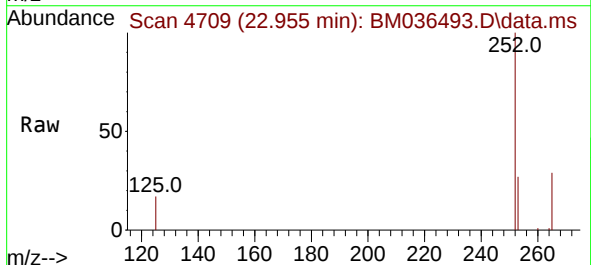
Instrument :
BNA_M
ClientSampleId :
SLCS415

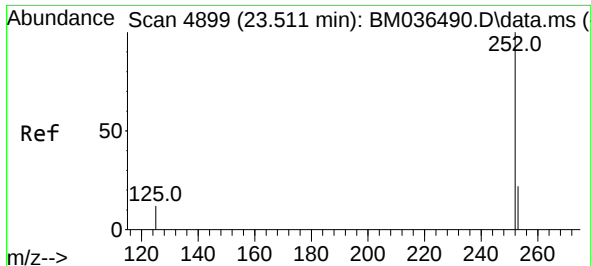
Tgt Ion:252	Resp:	17528
Ion Ratio	Lower	Upper
252	100	
253	26.7	0.0 61.4
125	17.8	0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.355 ng/ul
RT: 22.955 min Scan# 4709
Delta R.T. -0.011 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

Tgt Ion:252	Resp:	16919
Ion Ratio	Lower	Upper
252	100	
253	27.1	25.2 37.8
125	17.3	18.3 27.5

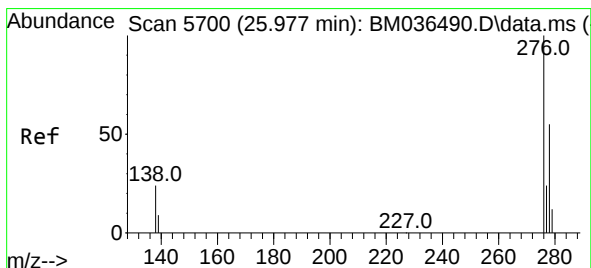
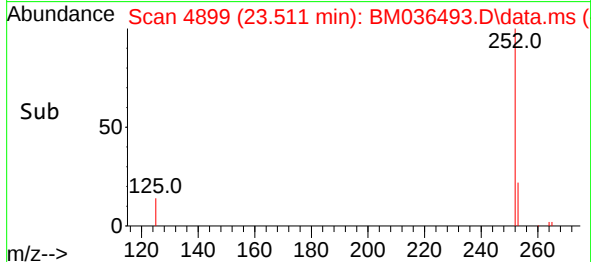
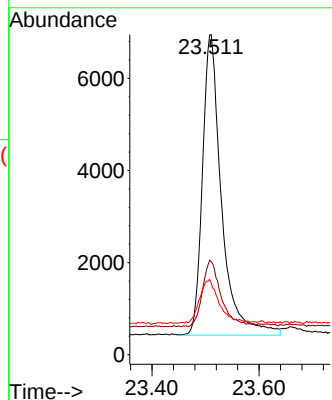
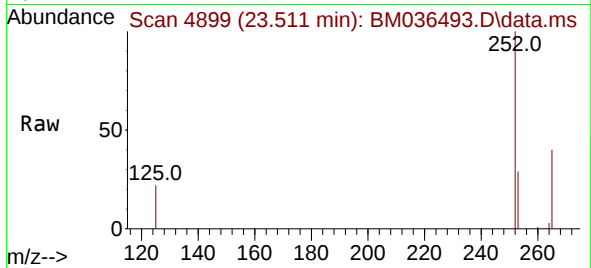




#26
Benzo(a)pyrene
Concen: 0.413 ng/ul
RT: 23.511 min Scan# 4899
Delta R.T. -0.008 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

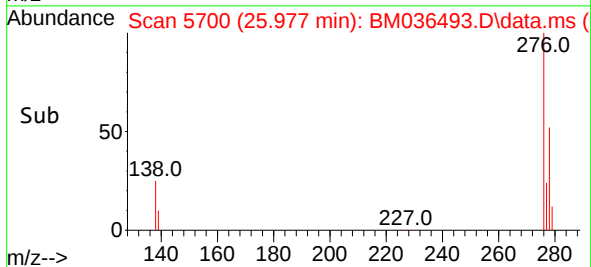
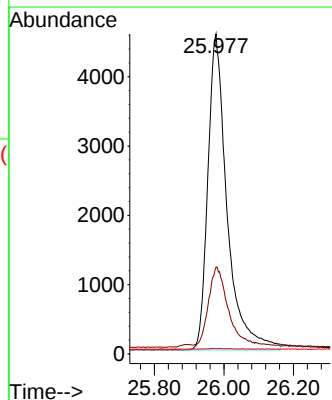
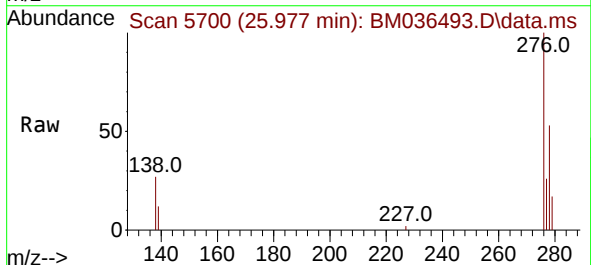
Instrument :
BNA_M
ClientSampleId :
SLCS415

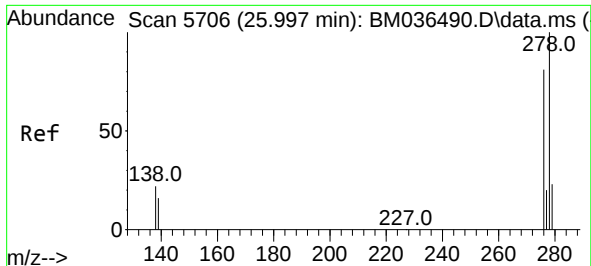
Tgt Ion:252 Resp: 16111
Ion Ratio Lower Upper
252 100
253 29.0 29.7 44.5#
125 22.4 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng/ul
RT: 25.977 min Scan# 5700
Delta R.T. -0.016 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

Tgt Ion:276 Resp: 17506
Ion Ratio Lower Upper
276 100
138 26.2 23.9 35.9
227 0.2 0.1 0.1#

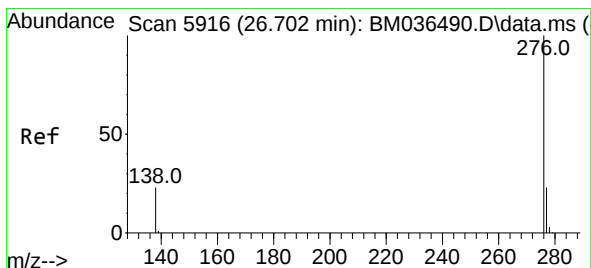
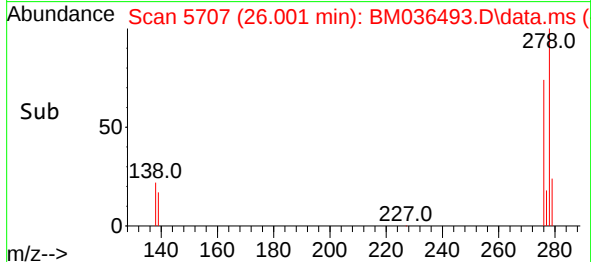
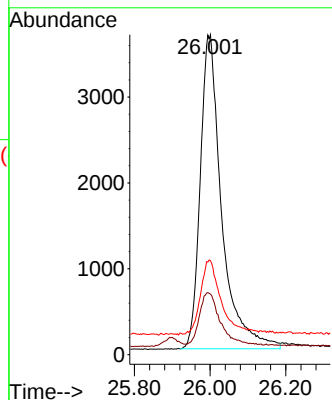
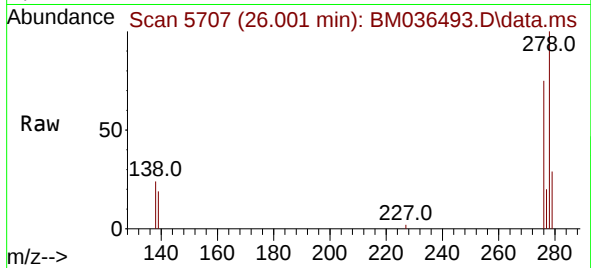




#28
Dibenzo(a,h)anthracene
Concen: 0.362 ng/ul
RT: 26.001 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

Instrument :
BNA_M
ClientSampleId :
SLCS415

Tgt Ion:278 Resp: 14395
Ion Ratio Lower Upper
278 100
139 18.9 19.8 29.6#
279 29.4 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 26.702 min Scan# 5916
Delta R.T. -0.016 min
Lab File: BM036493.D
Acq: 02 Sep 2022 16:13

Tgt Ion:276 Resp: 15840
Ion Ratio Lower Upper
276 100
138 25.6 23.4 35.0
277 24.6 21.0 31.4

