

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037165.D
 Acq On : 21 Oct 2022 08:39
 Operator : CG/JU
 Sample : N5015-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1BF0

Quant Time: Oct 22 02:30:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 02:11:25 2022
 Response via : Initial Calibration

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

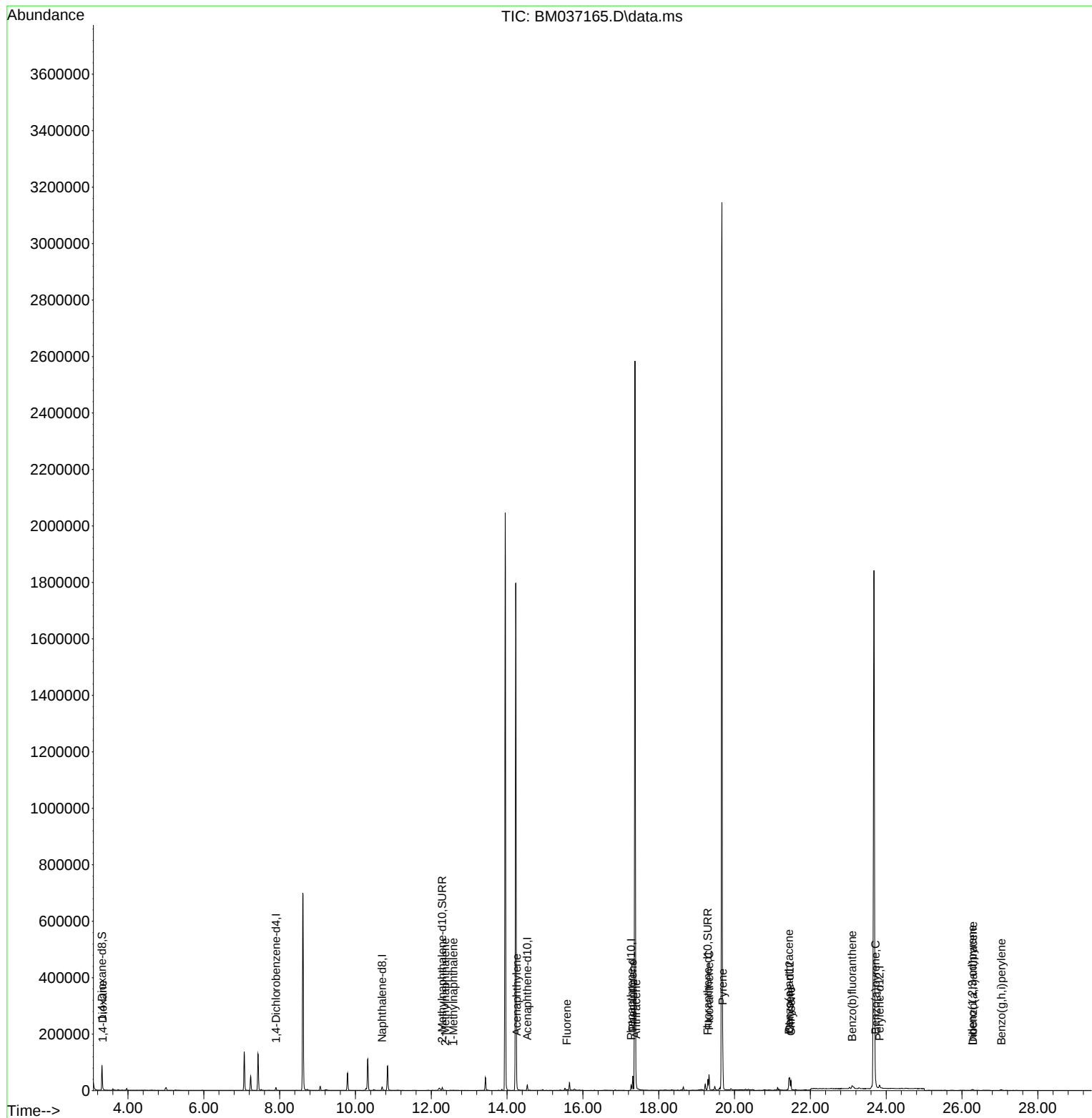
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	5038	0.400	ng/ul	0.00
4) Naphthalene-d8	10.705	136	16314	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.533	164	10255	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	22272	0.400	ng/ul	0.00
17) Chrysene-d12	21.450	240	18752	0.400	ng/ul	# 0.00
23) Perylene-d12	23.824	264	15897	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	56351	9.174	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	13344	0.575	ng/ul	-0.01
18) Fluoranthene-d10	19.294	212	38441	0.678	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	214	0.034	ng/ul#	1
7) 2-Methylnaphthalene	12.365	142	607	0.021	ng/ul	91
8) 1-Methylnaphthalene	12.580	142	612	0.021	ng/ul#	75
10) Acenaphthylene	14.256	152	13412	0.304	ng/ul	99
12) Fluorene	15.579	166	2595	0.056	ng/ul#	96
15) Phenanthrene	17.313	178	49997	0.665	ng/ul	99
16) Anthracene	17.406	178	8366	0.140	ng/ul	97
19) Fluoranthene	19.326	202	44238	0.543	ng/ul	98
20) Pyrene	19.689	202	90239	1.093	ng/ul	98
21) Benzo(a)anthracene	21.433	228	33311	0.458	ng/ul	93
22) Chrysene	21.485	228	28350	0.339	ng/ul	98
24) Benzo(b)fluoranthene	23.102	252	19467	0.231	ng/ul	83
26) Benzo(a)pyrene	23.718	252	17472	0.258	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.273	276	5470	0.058	ng/ul	90
28) Dibenzo(a,h)anthracene	26.289	278	1742	0.023	ng/ul#	31
29) Benzo(g,h,i)perylene	27.037	276	5202	0.063	ng/ul#	90

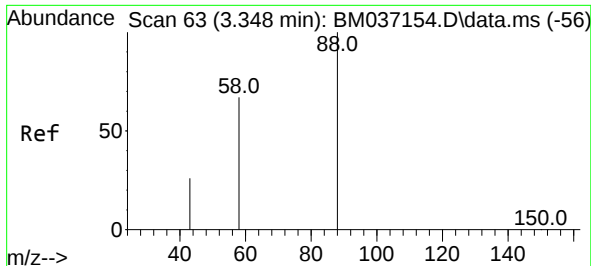
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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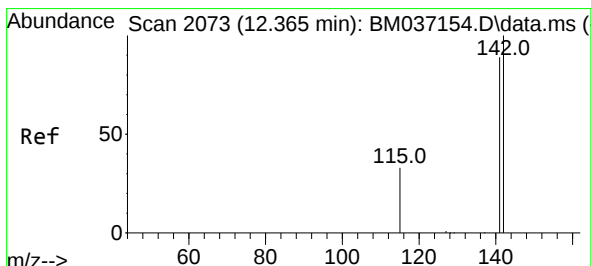
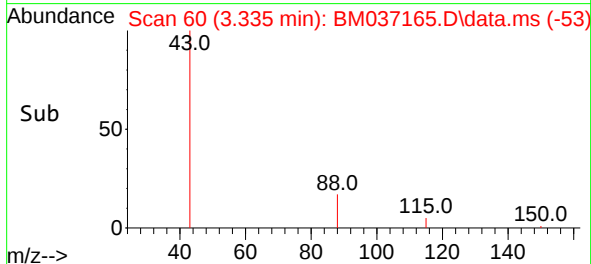
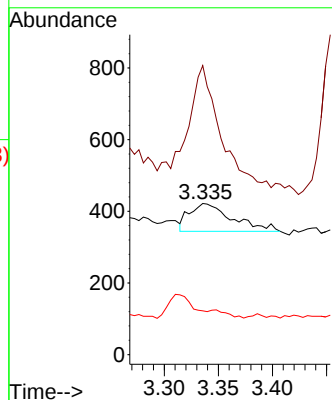
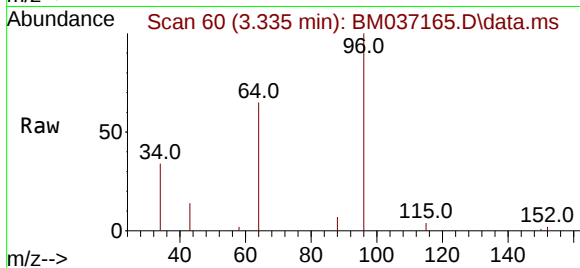




#2
 1,4-Dioxane
 Concen: 0.034 ng/ul
 RT: 3.335 min Scan# 60
 Delta R.T. -0.021 min
 Lab File: BM037165.D
 Acq: 21 Oct 2022 08:39

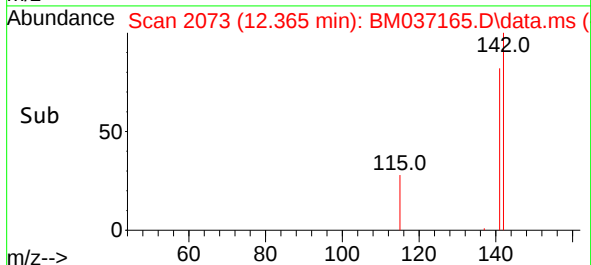
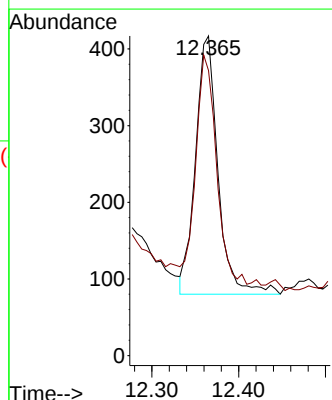
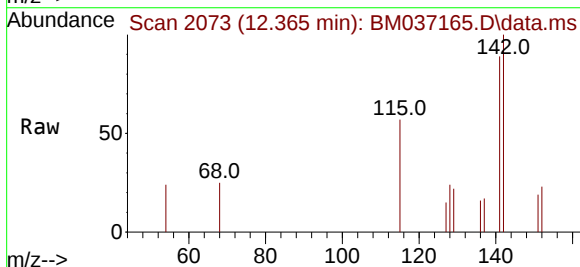
Instrument :
 BNA_N
 ClientSampleId :
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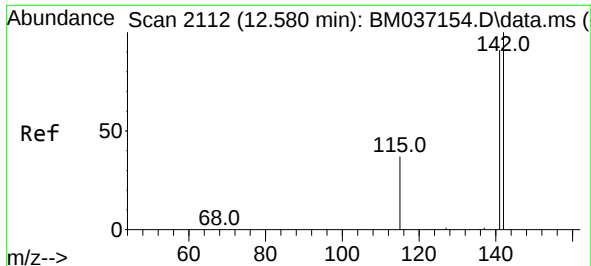
Tgt Ion: 88 Resp: 214
 Ion Ratio Lower Upper
 88 100
 43 191.2 25.5 38.3#
 58 28.9 45.8 68.6#



#7
 2-Methylnaphthalene
 Concen: 0.021 ng/ul
 RT: 12.365 min Scan# 2073
 Delta R.T. -0.005 min
 Lab File: BM037165.D
 Acq: 21 Oct 2022 08:39

Tgt Ion: 142 Resp: 607
 Ion Ratio Lower Upper
 142 100
 141 82.7 72.8 109.2

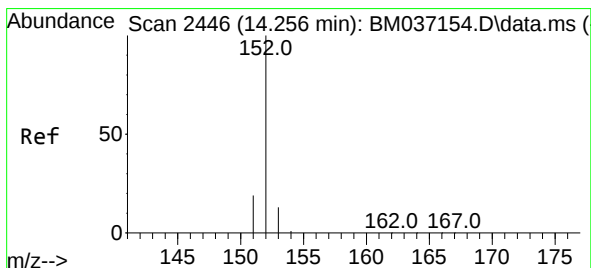
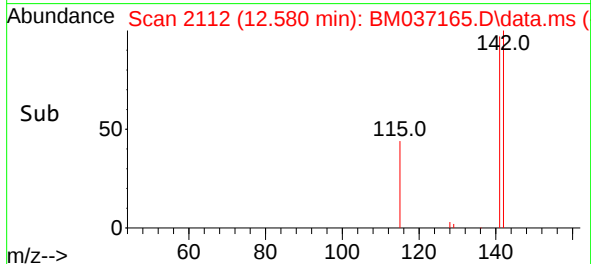
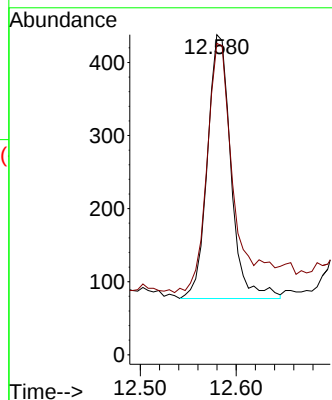
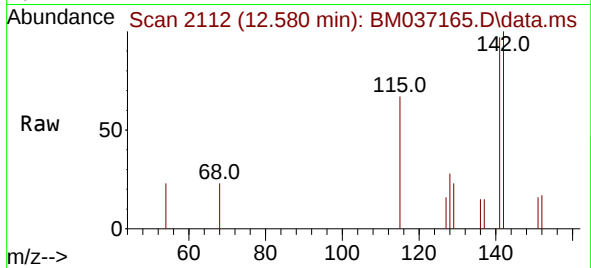




#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. -0.011 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39

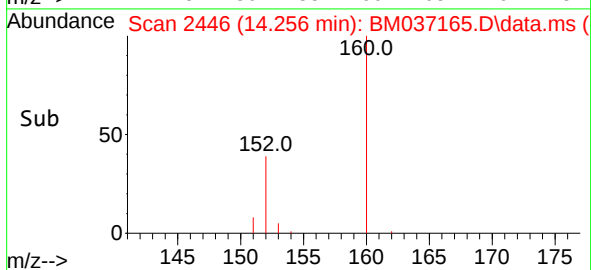
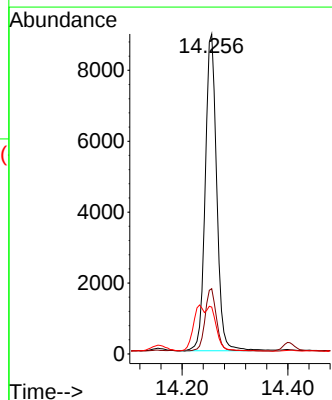
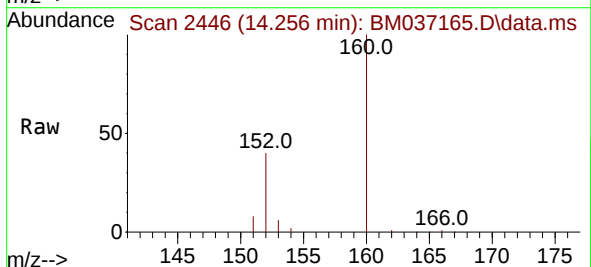
Instrument :
BNA_N
ClientSampleId :
C1BF0

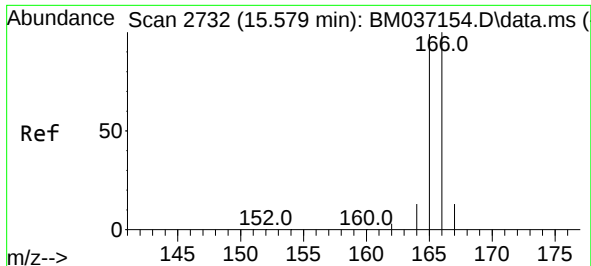
Tgt Ion:142 Resp: 612
Ion Ratio Lower Upper
142 100
141 116.5 74.2 111.4#



#10
Acenaphthylene
Concen: 0.304 ng/ul
RT: 14.256 min Scan# 2446
Delta R.T. -0.005 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39

Tgt Ion:152 Resp: 13412
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 14.7 10.8 16.2

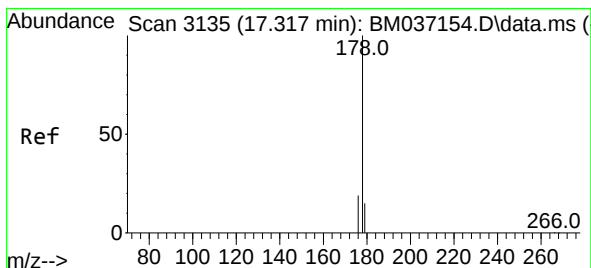
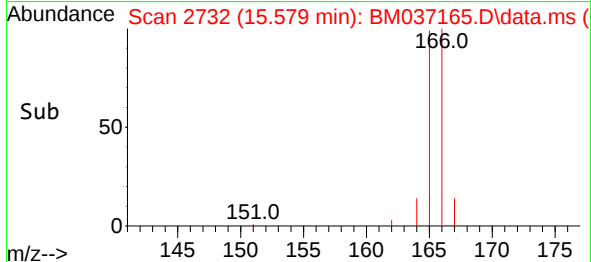
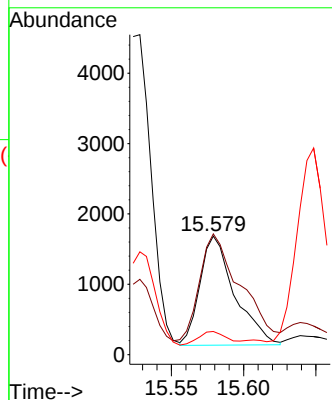
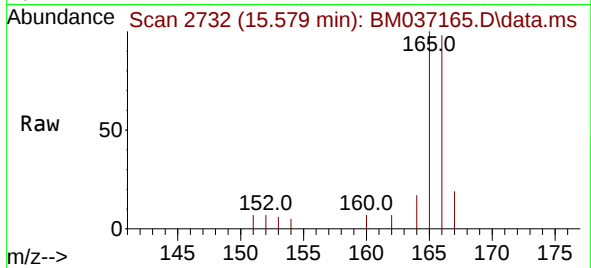




#12
Fluorene
Concen: 0.056 ng/u1
RT: 15.579 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39

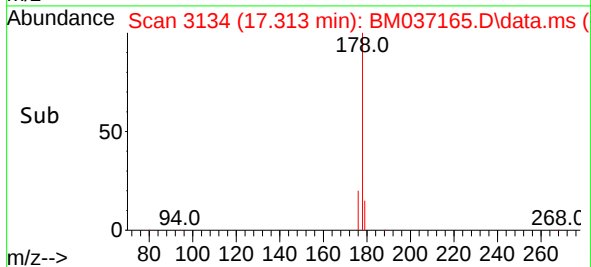
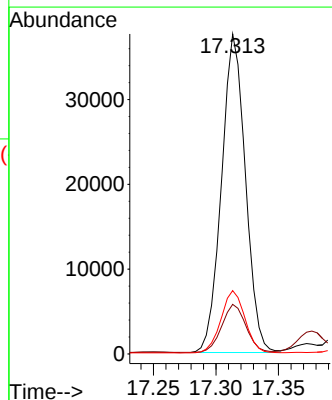
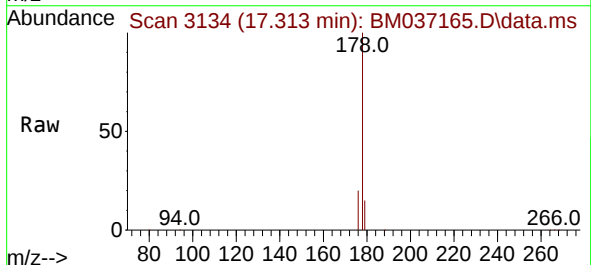
Instrument :
BNA_N
ClientSampleId :
C1BF0

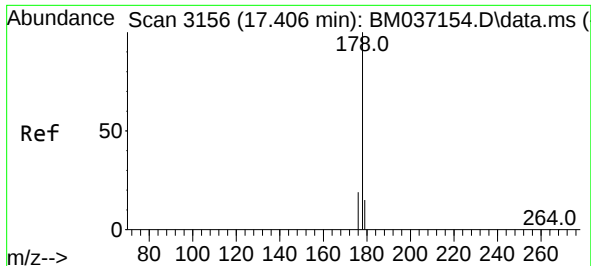
Tgt Ion:166 Resp: 2595
Ion Ratio Lower Upper
166 100
165 101.8 79.4 119.2
167 19.6 11.3 16.9#



#15
Phenanthrene
Concen: 0.665 ng/u1
RT: 17.313 min Scan# 3134
Delta R.T. -0.008 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39

Tgt Ion:178 Resp: 49997
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.8 16.1 24.1

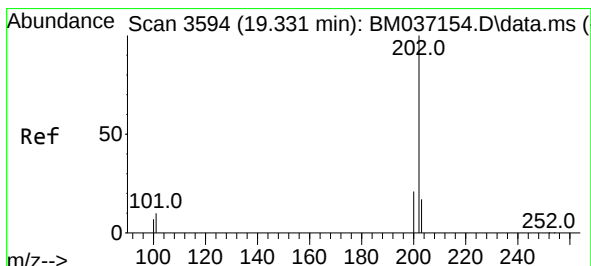
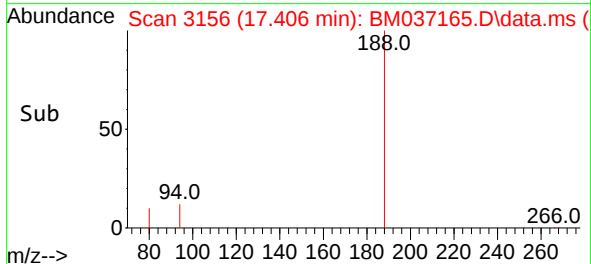
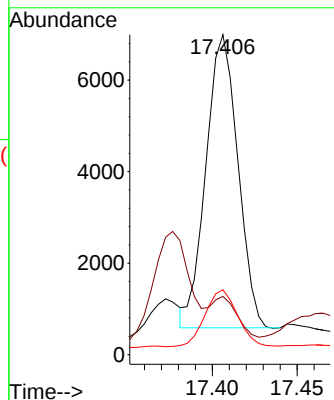
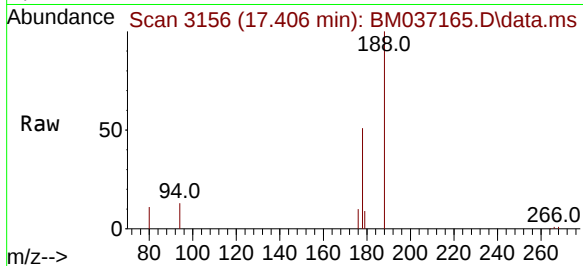




#16
 Anthracene
 Concen: 0.140 ng/ul
 RT: 17.406 min Scan# 3156
 Delta R.T. -0.008 min
 Lab File: BM037165.D
 Acq: 21 Oct 2022 08:39

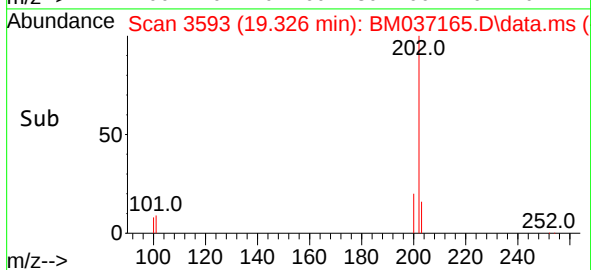
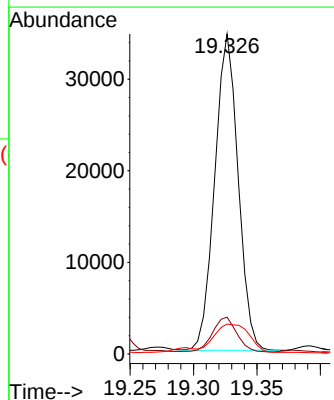
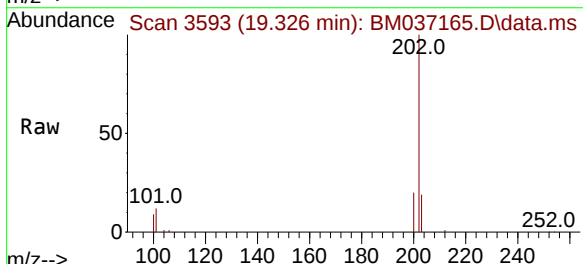
Instrument :
 BNA_N
 ClientSampleId :
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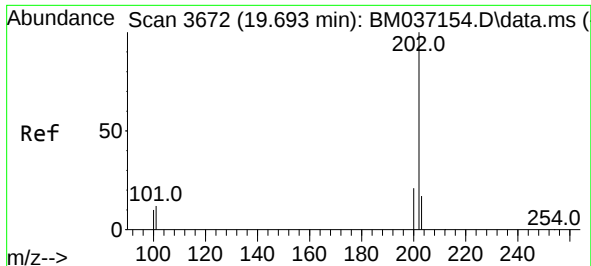
Tgt Ion:	178	Resp:	8366
Ion Ratio	Lower	Upper	
178	100		
179	18.2	13.1	19.7
176	20.3	15.3	22.9



#19
 Fluoranthene
 Concen: 0.543 ng/ul
 RT: 19.326 min Scan# 3593
 Delta R.T. -0.005 min
 Lab File: BM037165.D
 Acq: 21 Oct 2022 08:39

Tgt Ion:	202	Resp:	44238
Ion Ratio	Lower	Upper	
202	100		
101	11.5	8.9	13.3
100	9.4	6.9	10.3

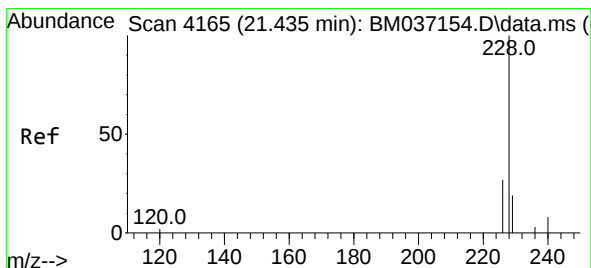
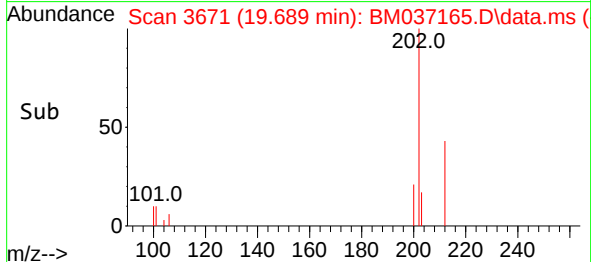
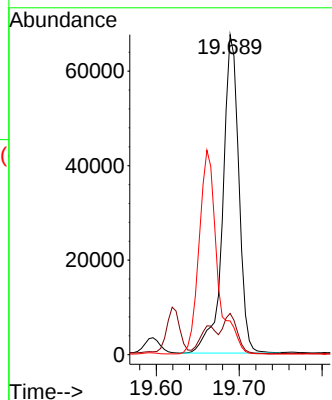
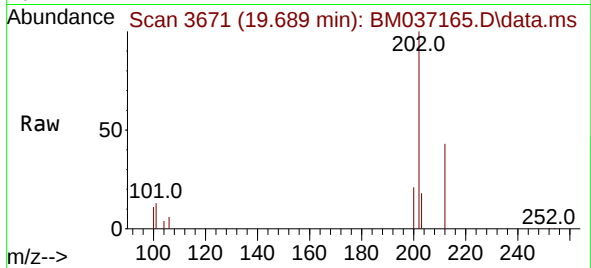




#20
Pyrene
Concen: 1.093 ng/ul
RT: 19.689 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39

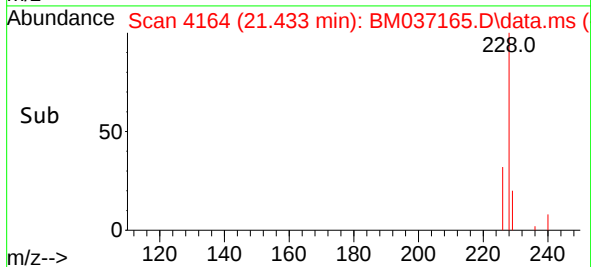
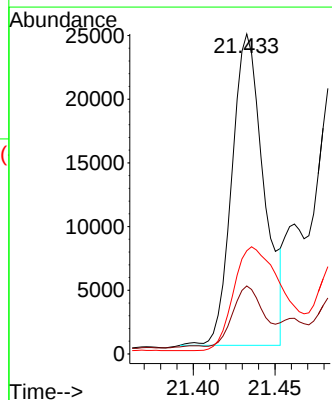
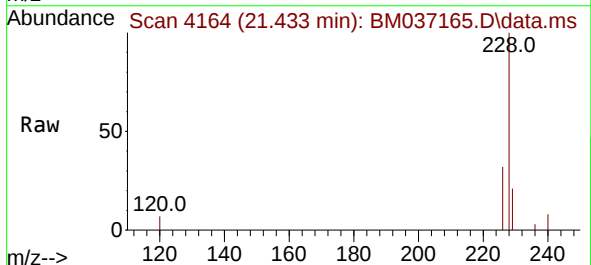
Instrument :
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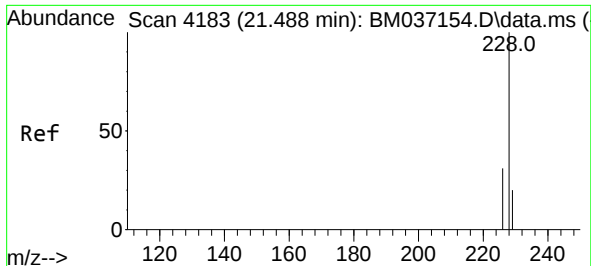
Tgt Ion:202 Resp: 90239
Ion Ratio Lower Upper
202 100
101 12.9 9.7 14.5
100 10.6 7.8 11.8



#21
Benzo(a)anthracene
Concen: 0.458 ng/ul
RT: 21.433 min Scan# 4164
Delta R.T. -0.009 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39

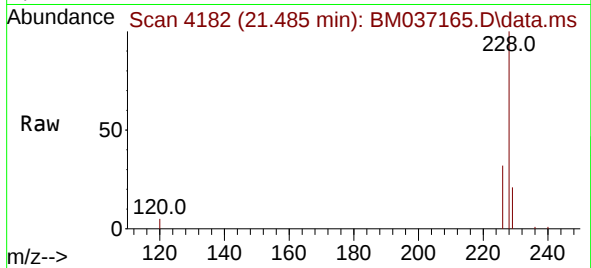
Tgt Ion:228 Resp: 33311
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 32.3 21.8 32.8



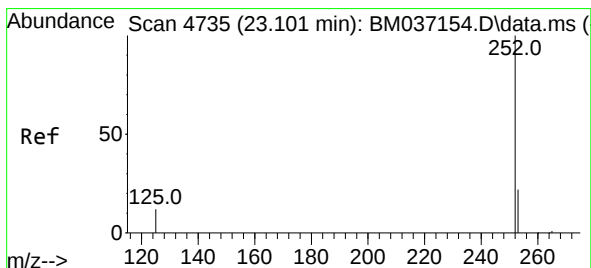
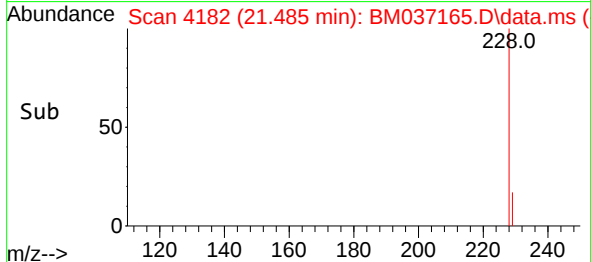
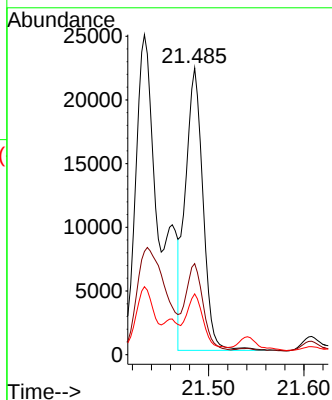


#22
Chrysene
Concen: 0.339 ng/ul
RT: 21.485 min Scan# 4182
Delta R.T. -0.006 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39

Instrument :
BNA_N
ClientSampleId :
C1BF0

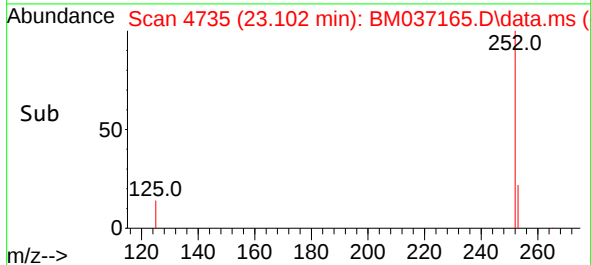
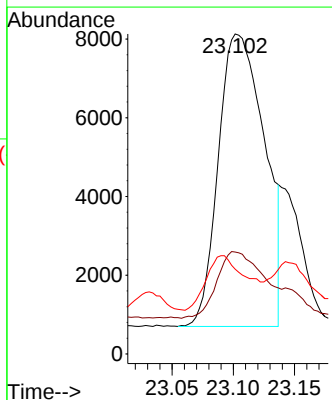
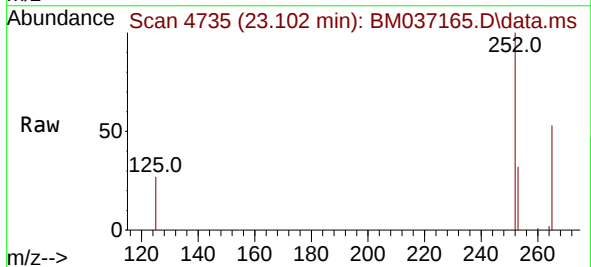


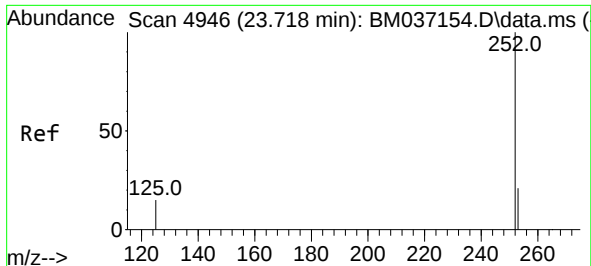
Tgt Ion:228 Resp: 28350
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 21.2 16.0 24.0



#24
Benzo(b)fluoranthene
Concen: 0.231 ng/ul
RT: 23.102 min Scan# 4735
Delta R.T. -0.009 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39

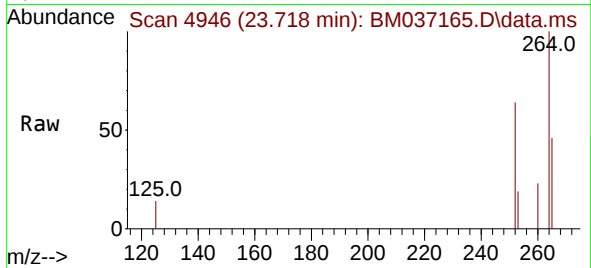
Tgt Ion:252 Resp: 19467
Ion Ratio Lower Upper
252 100
253 31.8 0.0 50.6
125 26.5 0.0 32.6



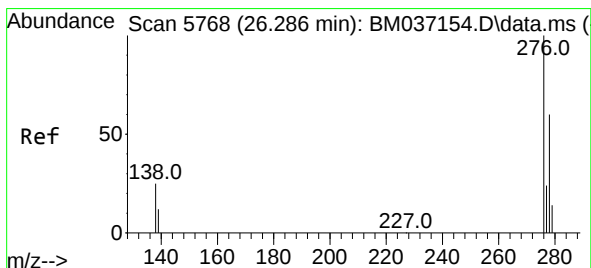
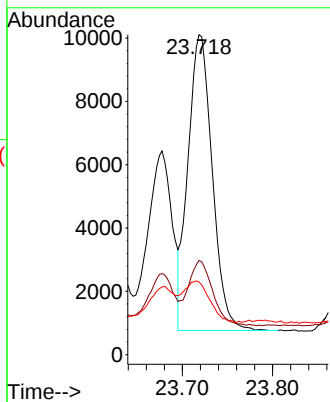
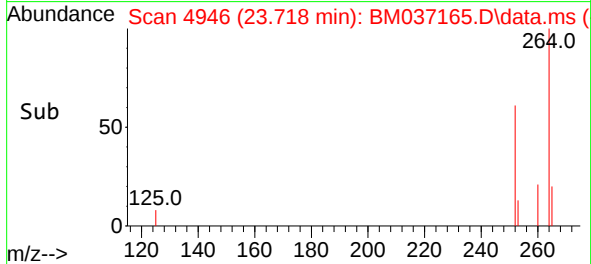


#26
Benzo(a)pyrene
Concen: 0.258 ng/ul
RT: 23.718 min Scan# 4946
Delta R.T. -0.012 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39

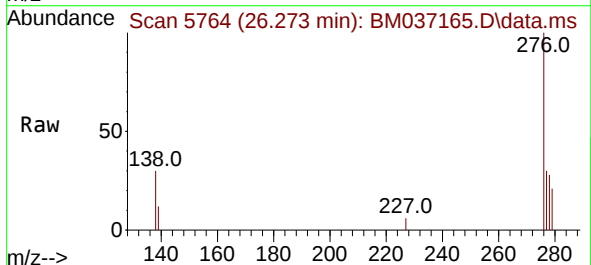
Instrument :
BNA_N
ClientSampleId :
C1BF0



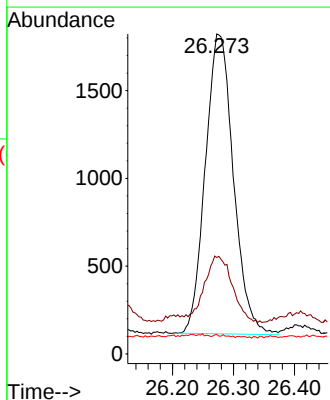
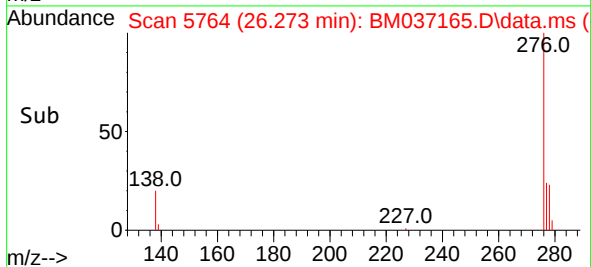
Tgt Ion:252 Resp: 17472
Ion Ratio Lower Upper
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253 29.5 22.1 33.1
125 22.7 17.6 26.4

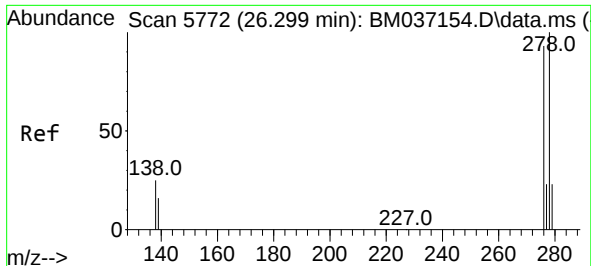


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.058 ng/ul
RT: 26.273 min Scan# 5764
Delta R.T. -0.027 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39



Tgt Ion:276 Resp: 5470
Ion Ratio Lower Upper
276 100
138 21.7 21.4 32.0
227 0.1 0.1 0.1

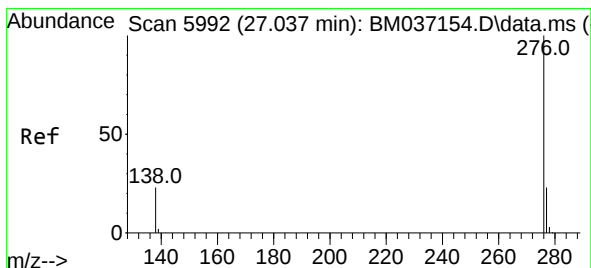
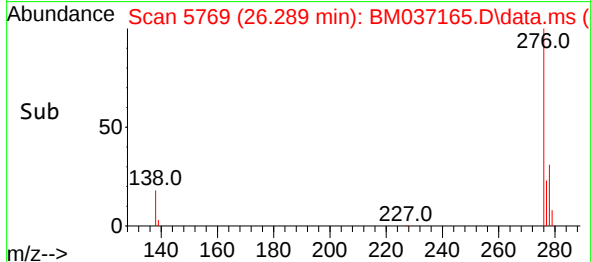
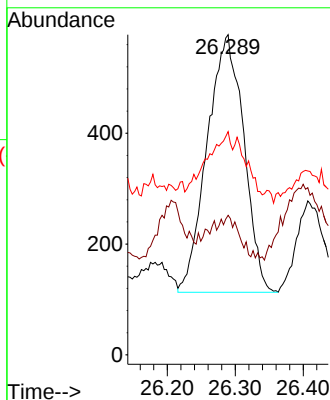
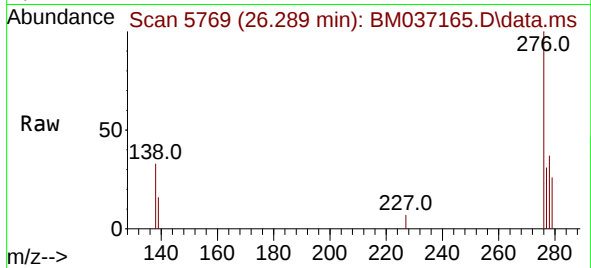




#28
 Dibenzo(a,h)anthracene
 Concen: 0.023 ng/ul
 RT: 26.289 min Scan# 51
 Delta R.T. -0.027 min
 Lab File: BM037165.D
 Acq: 21 Oct 2022 08:39

Instrument :
 BNA_N
 ClientSampleId :
 C1BF0

Tgt Ion:278 Resp: 1742
 Ion Ratio Lower Upper
 278 100
 139 43.6 16.3 24.5#
 279 69.7 21.5 32.3#



#29
 Benzo(g,h,i)perylene
 Concen: 0.063 ng/ul
 RT: 27.037 min Scan# 5992
 Delta R.T. -0.020 min
 Lab File: BM037165.D
 Acq: 21 Oct 2022 08:39

Tgt Ion:276 Resp: 5202
 Ion Ratio Lower Upper
 276 100
 138 31.1 19.8 29.8#
 277 28.9 20.1 30.1

