

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030216.D
 Acq On : 03 Mar 2024 13:22
 Operator : MA/JU
 Sample : P1512-05MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0S96MSD

Quant Time: Mar 03 22:52:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 02 16:09:30 2024
 Response via : Initial Calibration

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

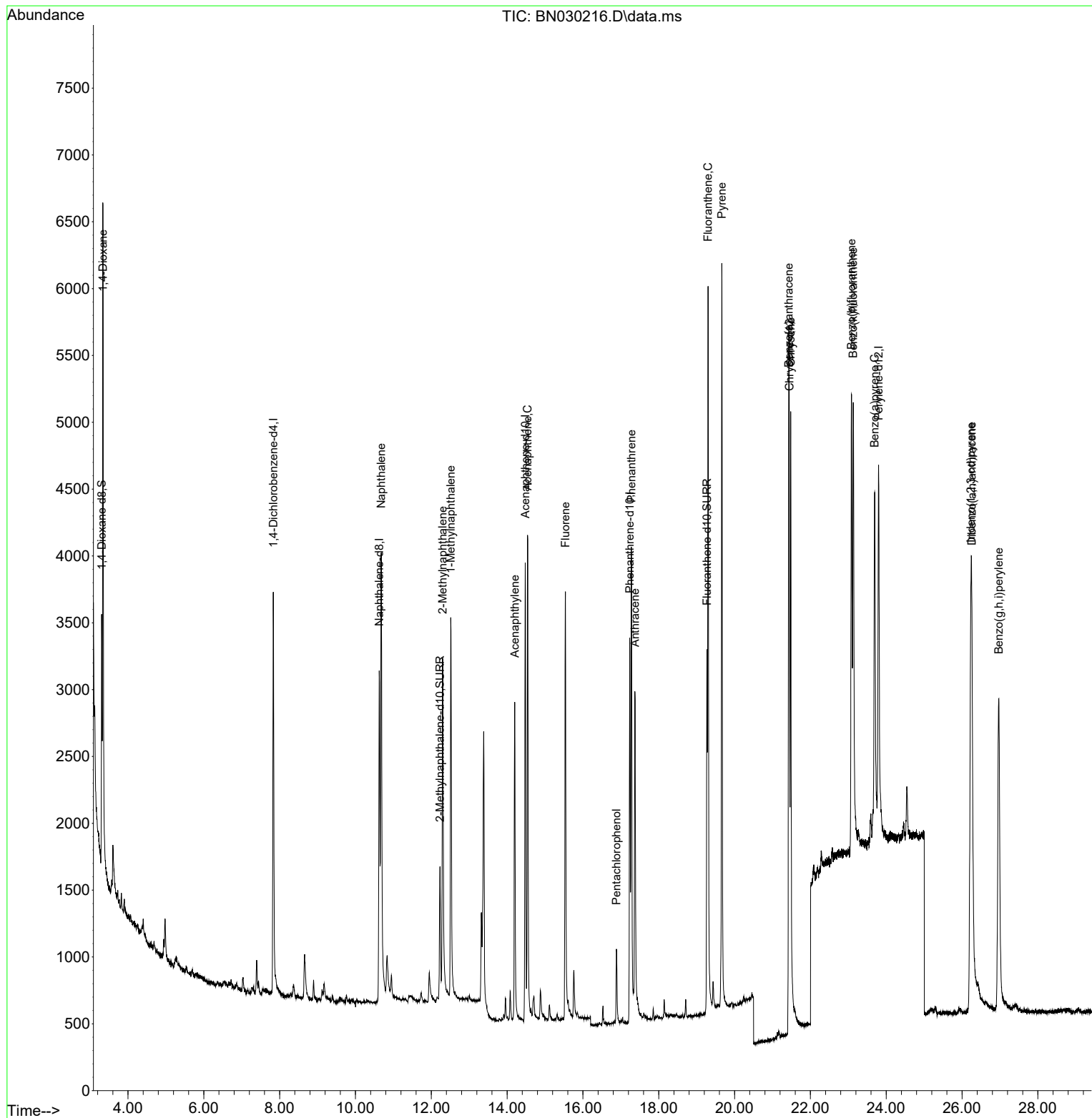
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	1776	0.400	ng/ul	0.00
4) Naphthalene-d8	10.628	136	4554	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.479	164	2133	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.235	188	4040	0.400	ng/ul	-0.01
17) Chrysene-d12	21.444	240	3617	0.400	ng/ul	# 0.00
23) Perylene-d12	23.797	264	4385	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	1269	0.516	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	1712	0.291	ng/ul	-0.01
18) Fluoranthene-d10	19.272	212	3376	0.286	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	3576	1.340	ng/ul#	90
5) Naphthalene	10.678	128	5783	0.430	ng/ul	98
7) 2-Methylnaphthalene	12.300	142	2224	0.305	ng/ul	100
8) 1-Methylnaphthalene	12.515	142	2281	0.295	ng/ul	100
10) Acenaphthylene	14.201	152	3280	0.275	ng/ul	98
11) Acenaphthene	14.539	153	2421	0.277	ng/ul	98
12) Fluorene	15.538	166	2573	0.289	ng/ul	99
14) Pentachlorophenol	16.884	266	467	0.405	ng/ul	97
15) Phenanthrene	17.277	178	4375	0.323	ng/ul	99
16) Anthracene	17.370	178	3430	0.288	ng/ul	100
19) Fluoranthene	19.300	202	5332	0.332	ng/ul	99
20) Pyrene	19.662	202	5486	0.314	ng/ul	99
21) Benzo(a)anthracene	21.427	228	4331	0.339	ng/ul	99
22) Chrysene	21.479	228	4640	0.302	ng/ul	97
24) Benzo(b)fluoranthene	23.084	252	5270	0.312	ng/ul	96
25) Benzo(k)fluoranthene	23.131	252	5138	0.258	ng/ul	96
26) Benzo(a)pyrene	23.695	252	5064	0.294	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.232	276	6717	0.306	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.256	278	5134	0.302	ng/ul	96
29) Benzo(g,h,i)perylene	26.970	276	6034	0.296	ng/ul	96

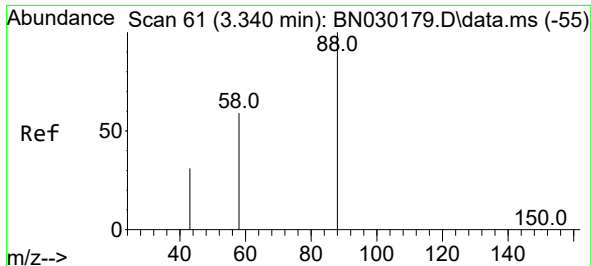
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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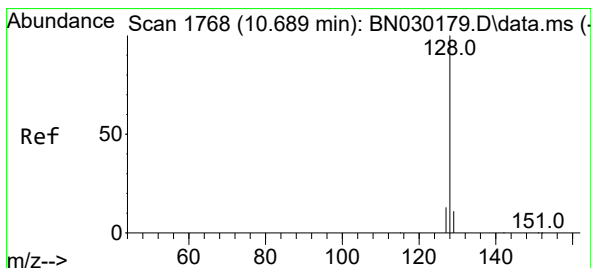
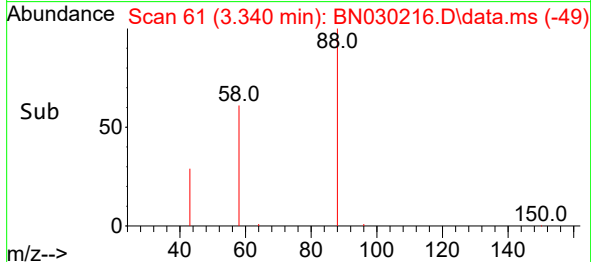
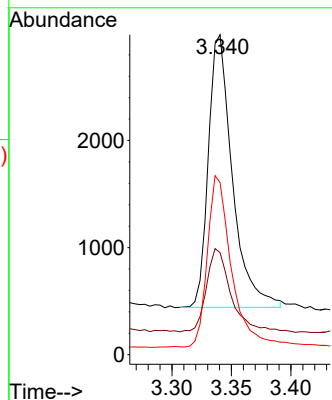
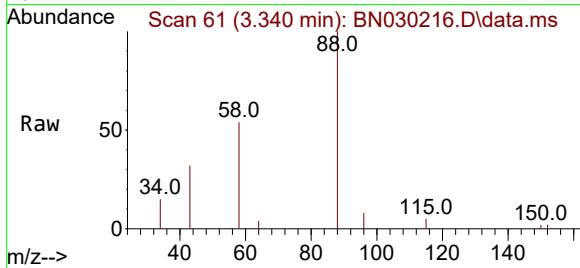




#2
1,4-Dioxane
Concen: 1.340 ng/ul
RT: 3.340 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

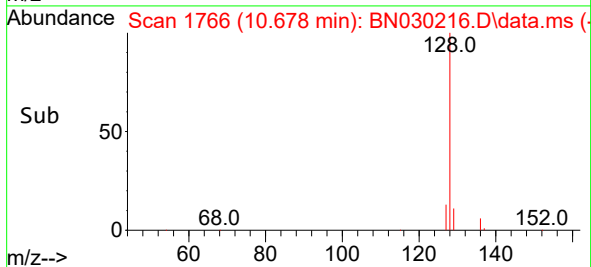
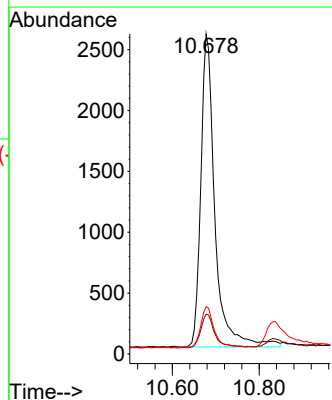
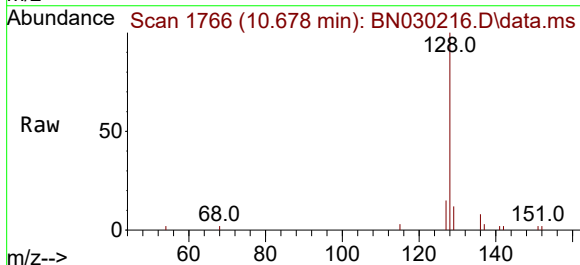
Instrument :
BNA_N
ClientSampleId :
E0S96MSD

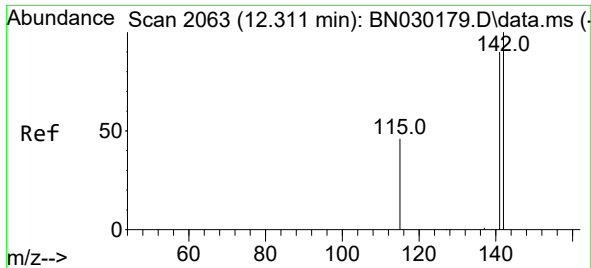
Tgt Ion: 88 Resp: 3576
Ion Ratio Lower Upper
88 100
43 31.9 25.7 38.5
58 53.8 33.8 50.8#



#5
Naphthalene
Concen: 0.430 ng/ul
RT: 10.678 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Tgt Ion: 128 Resp: 5783
Ion Ratio Lower Upper
128 100
129 12.4 11.0 16.4
127 14.8 12.3 18.5

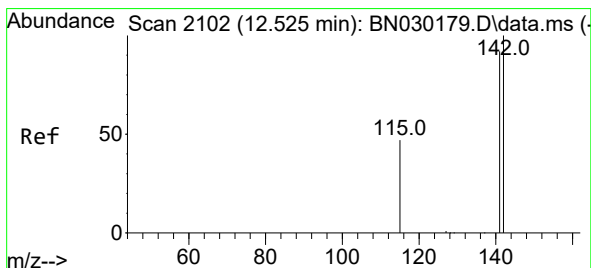
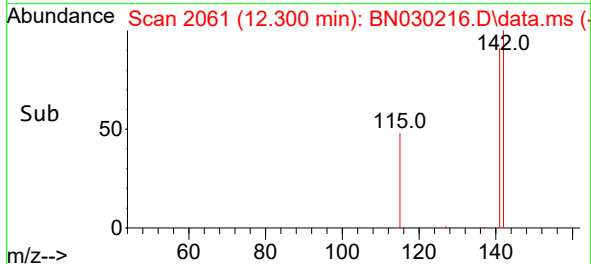
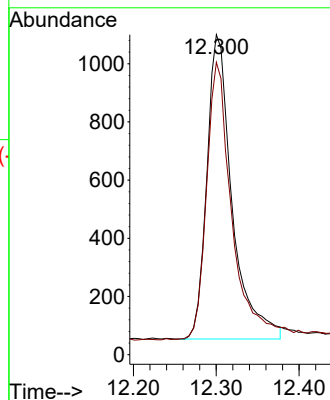
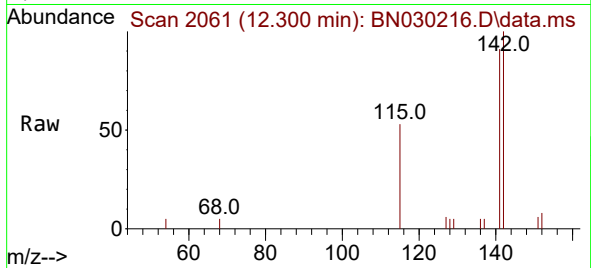




#7
2-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.011 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

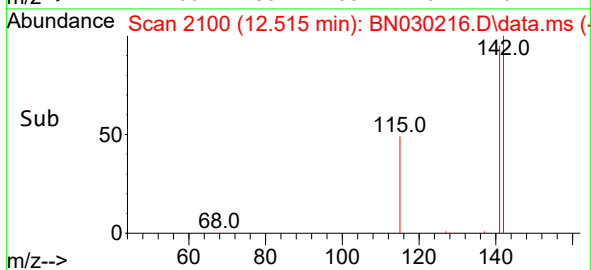
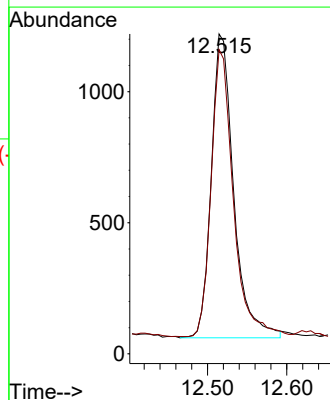
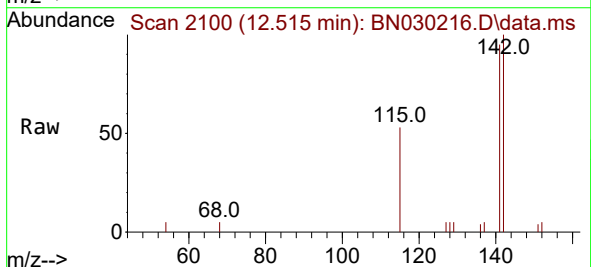
Instrument :
BNA_N
ClientSampleId :
E0S96MSD

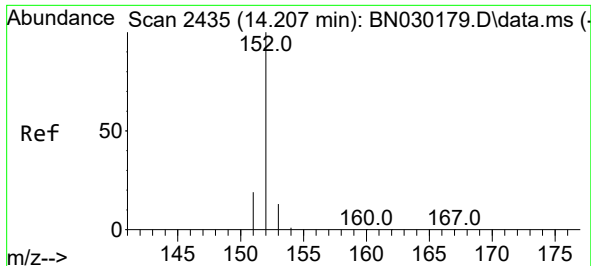
Tgt Ion:142 Resp: 2224
Ion Ratio Lower Upper
142 100
141 90.7 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.515 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Tgt Ion:142 Resp: 2281
Ion Ratio Lower Upper
142 100
141 92.8 74.2 111.2

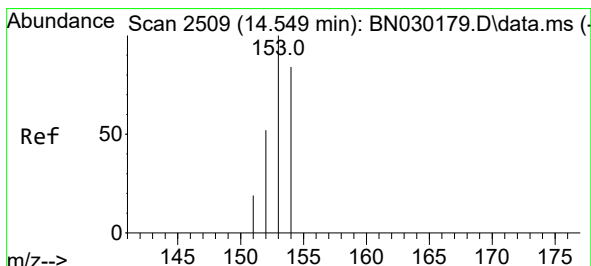
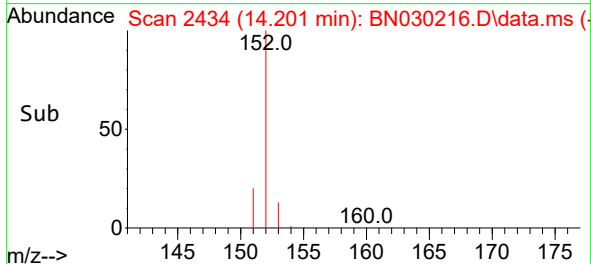
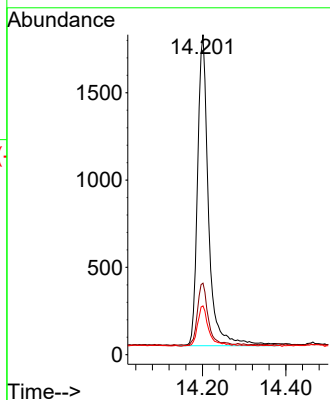
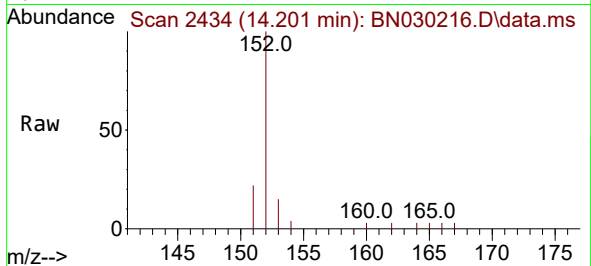




#10
Acenaphthylene
Concen: 0.275 ng/ul
RT: 14.201 min Scan# 2434
Delta R.T. -0.005 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

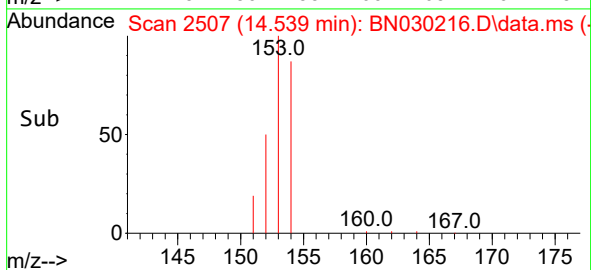
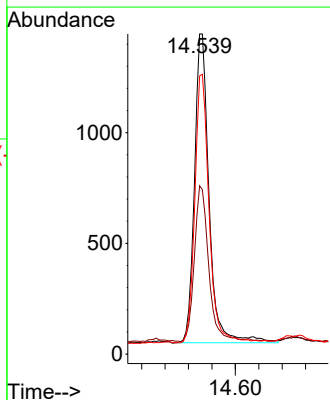
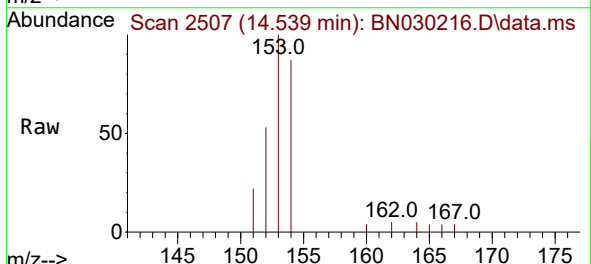
Instrument :
BNA_N
ClientSampleId :
E0S96MSD

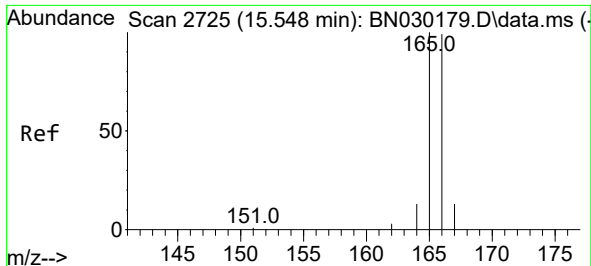
Tgt Ion:152 Resp: 3280
Ion Ratio Lower Upper
152 100
151 22.4 16.9 25.3
153 15.3 11.8 17.6



#11
Acenaphthene
Concen: 0.277 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. -0.010 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Tgt Ion:153 Resp: 2421
Ion Ratio Lower Upper
153 100
152 52.6 43.2 64.8
154 86.9 67.5 101.3

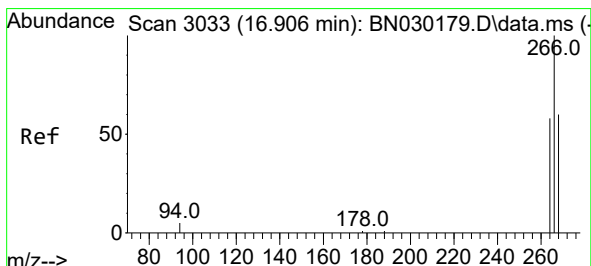
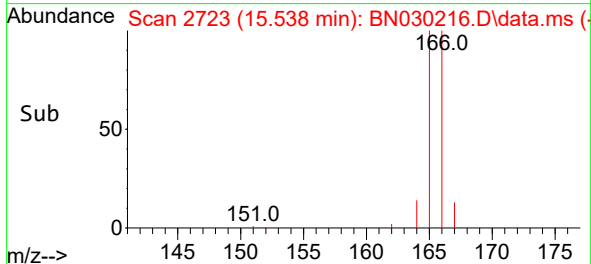
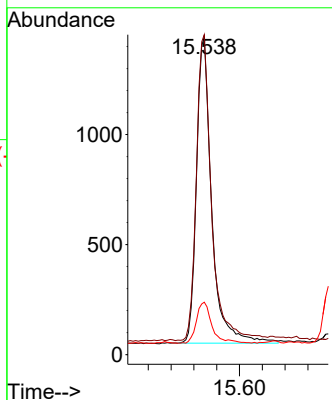
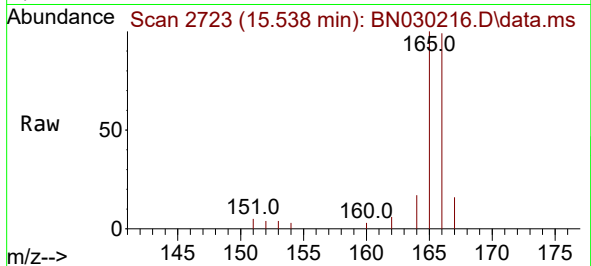




#12
Fluorene
Concen: 0.289 ng/ul
RT: 15.538 min Scan# 21
Delta R.T. -0.010 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

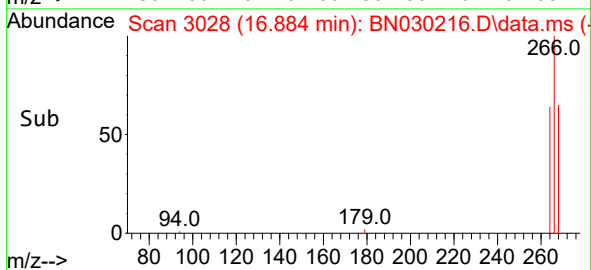
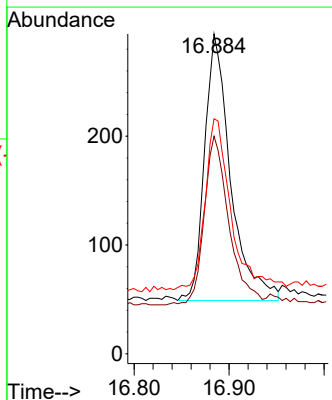
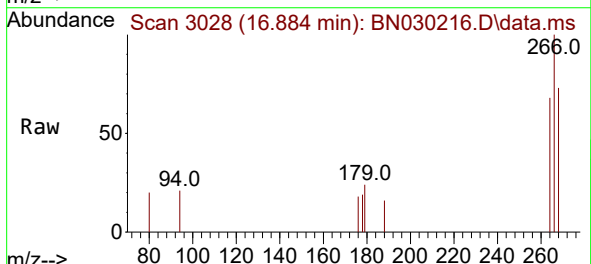
Instrument :
BNA_N
ClientSampleId :
E0S96MSD

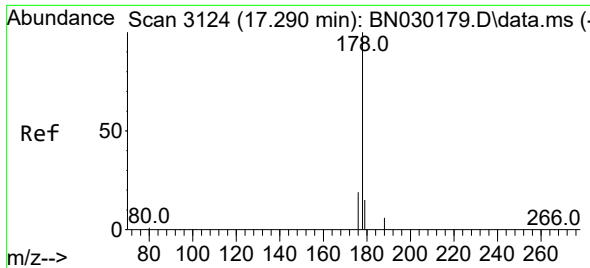
Tgt Ion:166 Resp: 2573
Ion Ratio Lower Upper
166 100
165 100.8 81.8 122.6
167 16.5 13.0 19.4



#14
Pentachlorophenol
Concen: 0.405 ng/ul
RT: 16.884 min Scan# 3028
Delta R.T. -0.022 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Tgt Ion:266 Resp: 467
Ion Ratio Lower Upper
266 100
264 60.6 49.8 74.8
268 64.5 53.4 80.2

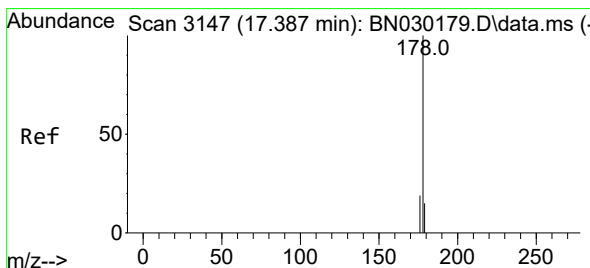
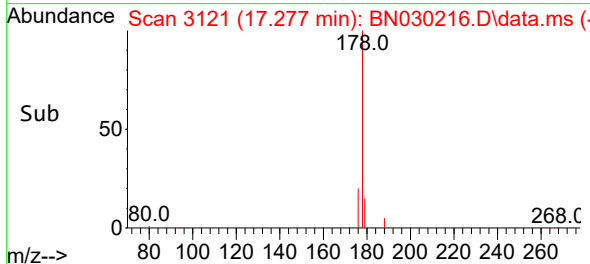
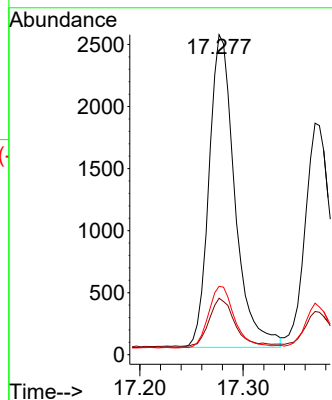
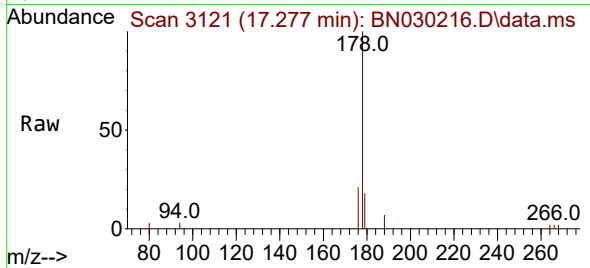




#15
Phenanthrene
Concen: 0.323 ng/ul
RT: 17.277 min Scan# 3124
Delta R.T. -0.013 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

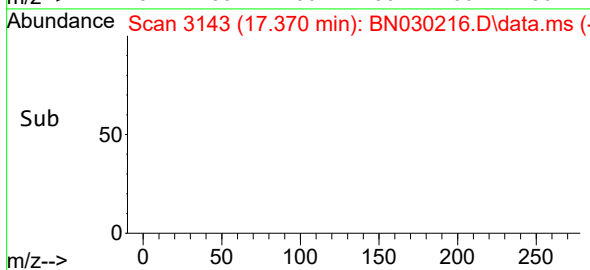
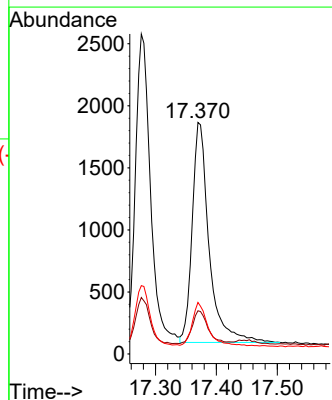
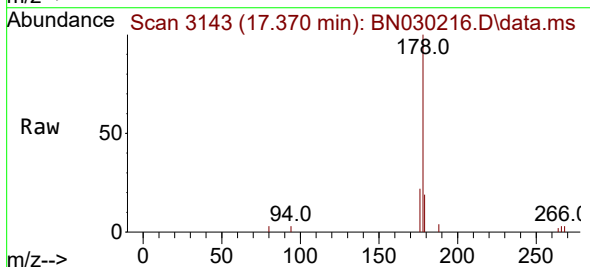
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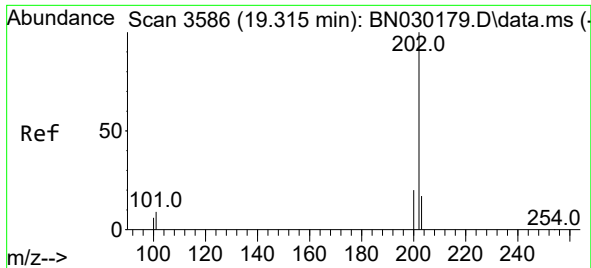
Tgt Ion:178	Resp:	4375
Ion Ratio	Lower	Upper
178	100	
179	17.7	13.8 20.8
176	21.4	16.6 25.0



#16
Anthracene
Concen: 0.288 ng/ul
RT: 17.370 min Scan# 3143
Delta R.T. -0.018 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Tgt Ion:178	Resp:	3430
Ion Ratio	Lower	Upper
178	100	
179	18.6	14.8 22.2
176	22.2	17.8 26.6

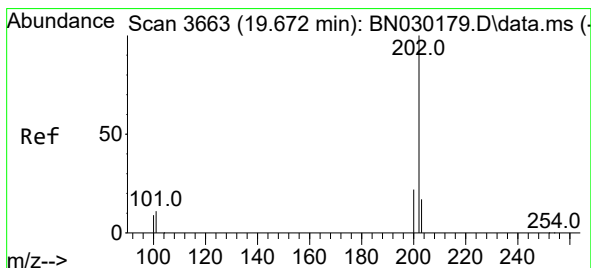
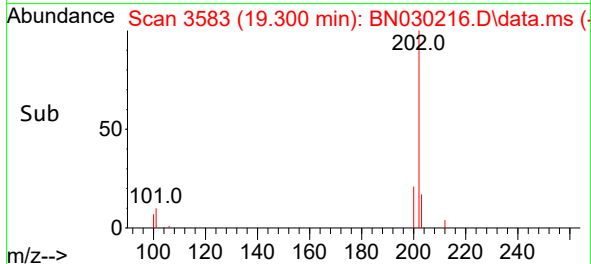
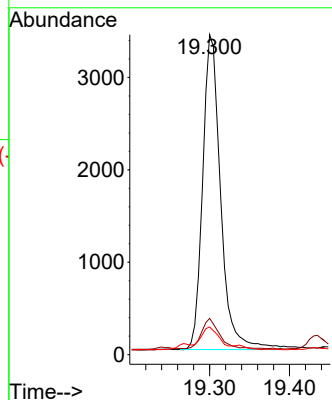
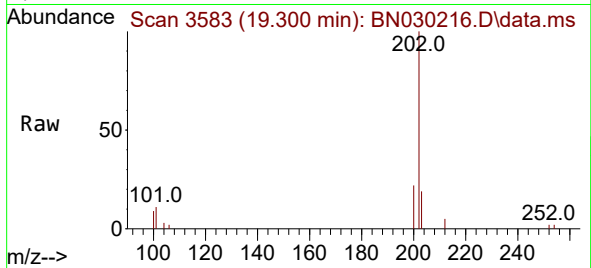




#19
Fluoranthene
Concen: 0.332 ng/ul
RT: 19.300 min Scan# 3583
Delta R.T. -0.015 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

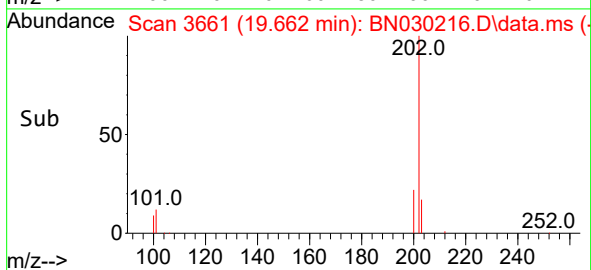
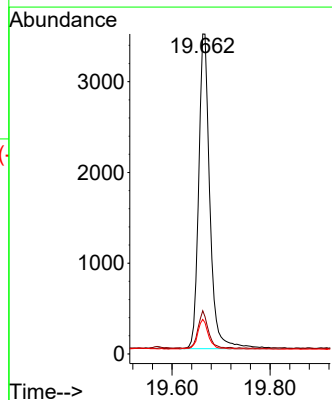
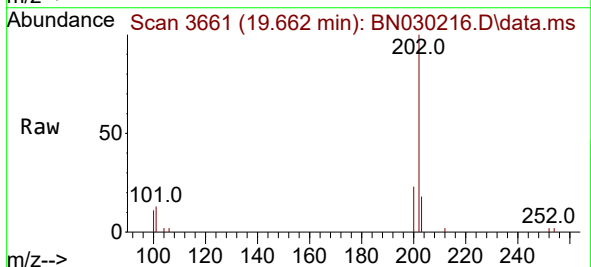
Instrument :
BNA_N
ClientSampleId :
EOS96MSD

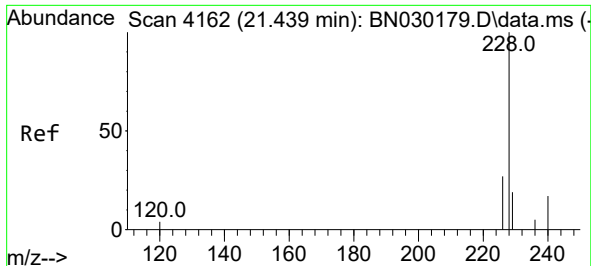
Tgt Ion:202 Resp: 5332
Ion Ratio Lower Upper
202 100
101 11.3 8.8 13.2
100 8.7 7.4 11.2



#20
Pyrene
Concen: 0.314 ng/ul
RT: 19.662 min Scan# 3661
Delta R.T. -0.010 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

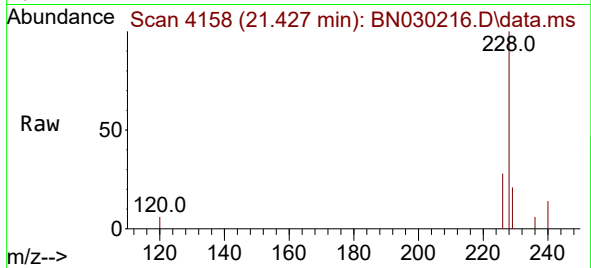
Tgt Ion:202 Resp: 5486
Ion Ratio Lower Upper
202 100
101 13.5 10.6 15.8
100 10.8 8.8 13.2



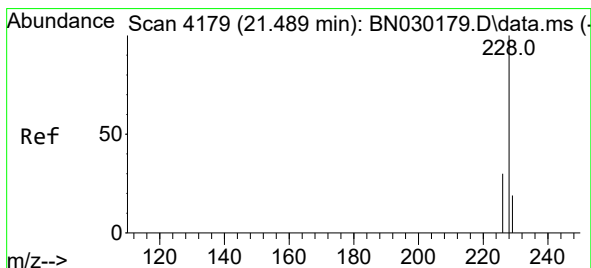
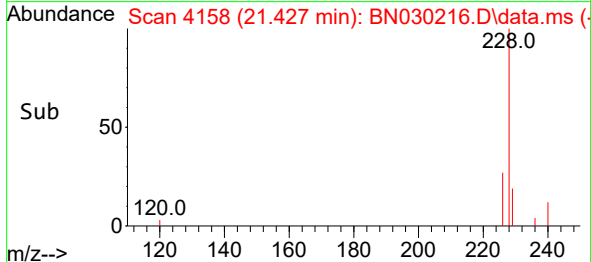
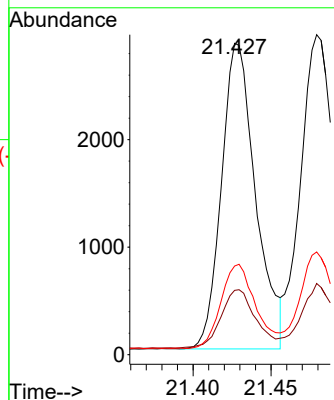


#21
Benzo(a)anthracene
Concen: 0.339 ng/ul
RT: 21.427 min Scan# 4158
Delta R.T. -0.012 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
E0S96MSD

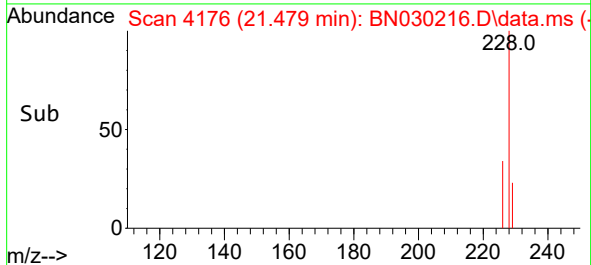
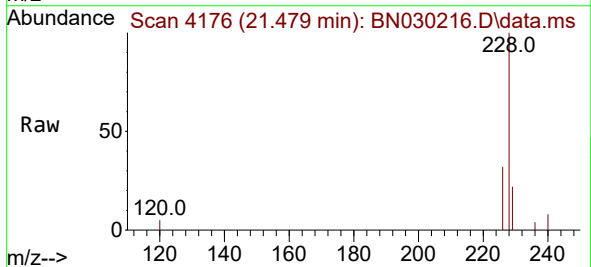
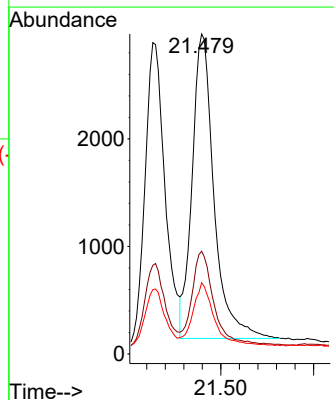


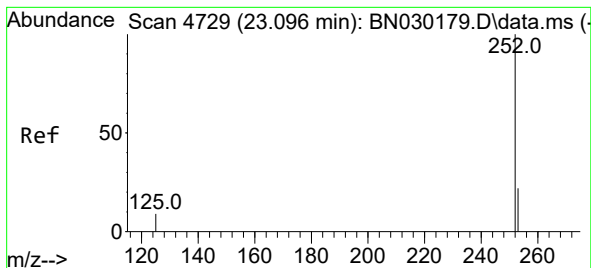
Tgt Ion:228 Resp: 4331
Ion Ratio Lower Upper
228 100
229 20.7 16.6 24.8
226 28.5 23.7 35.5



#22
Chrysene
Concen: 0.302 ng/ul
RT: 21.479 min Scan# 4176
Delta R.T. -0.009 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Tgt Ion:228 Resp: 4640
Ion Ratio Lower Upper
228 100
226 32.1 24.6 37.0
229 22.2 16.6 24.8





#24

Benzo(b)fluoranthene

Concen: 0.312 ng/ul

RT: 23.084 min Scan# 4725

Delta R.T. -0.012 min

Lab File: BN030216.D

Acq: 03 Mar 2024 13:22

Instrument :

BNA_N

ClientSampleId :

E0S96MSD

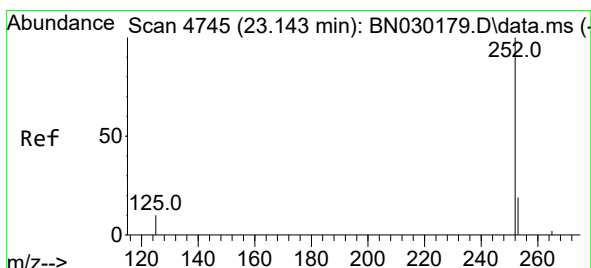
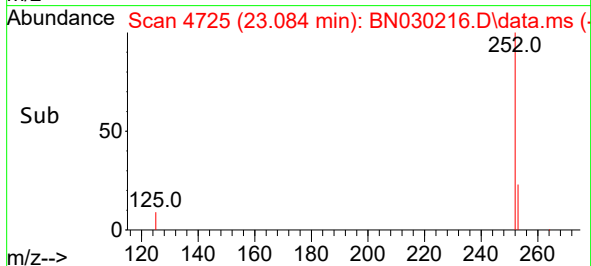
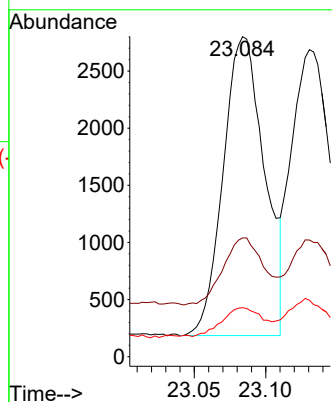
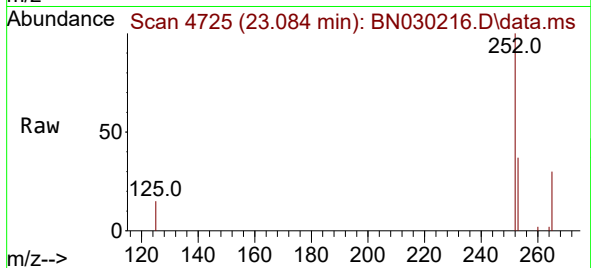
Tgt Ion:252 Resp: 5270

Ion Ratio Lower Upper

252 100

253 37.1 0.0 69.4

125 15.3 0.0 32.8



#25

Benzo(k)fluoranthene

Concen: 0.258 ng/ul

RT: 23.131 min Scan# 4741

Delta R.T. -0.012 min

Lab File: BN030216.D

Acq: 03 Mar 2024 13:22

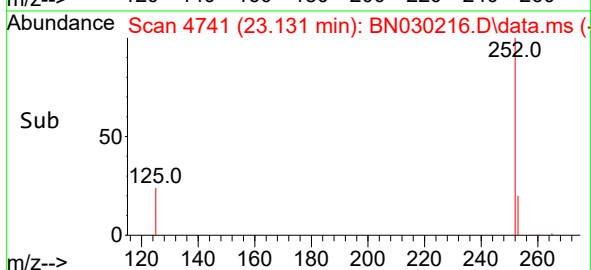
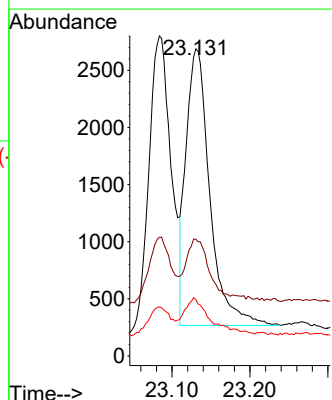
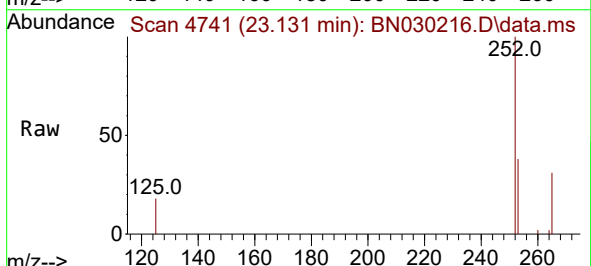
Tgt Ion:252 Resp: 5138

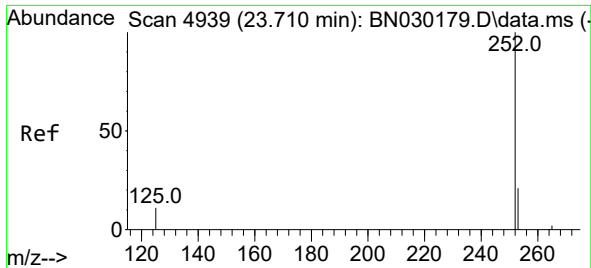
Ion Ratio Lower Upper

252 100

253 38.0 28.0 42.0

125 18.4 14.4 21.6

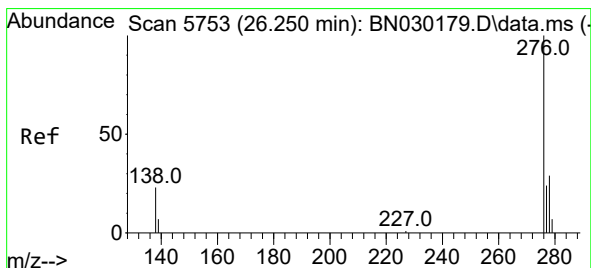
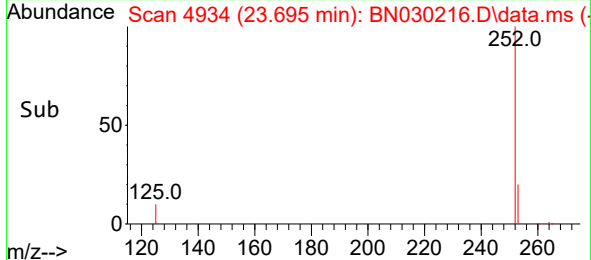
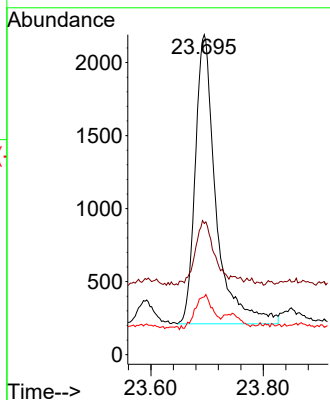
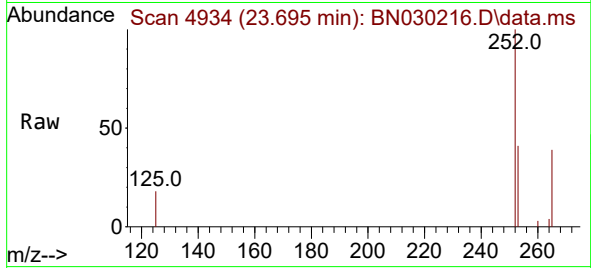




#26
Benzo(a)pyrene
Concen: 0.294 ng/ul
RT: 23.695 min Scan# 4934
Delta R.T. -0.015 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

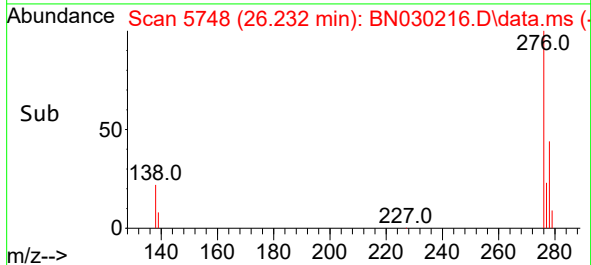
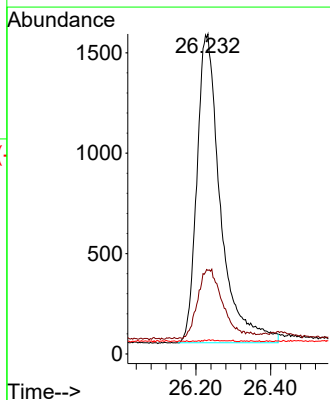
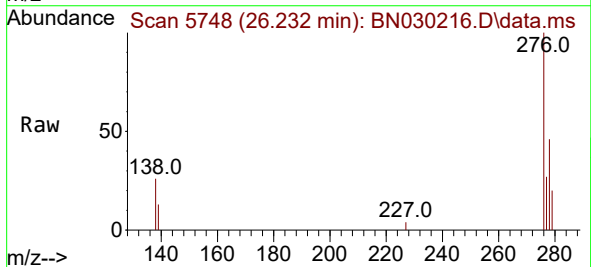
Instrument :
BNA_N
ClientSampleId :
E0S96MSD

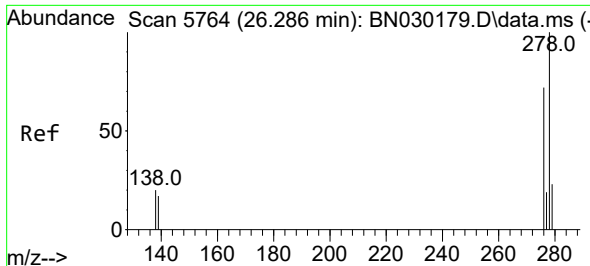
Tgt Ion:252	Resp:	5064
Ion Ratio	Lower	Upper
252	100	
253	41.0	33.0 49.4
125	18.0	16.9 25.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.306 ng/ul
RT: 26.232 min Scan# 5748
Delta R.T. -0.017 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Tgt Ion:276	Resp:	6717
Ion Ratio	Lower	Upper
276	100	
138	24.7	20.9 31.3
227	0.4	0.1 0.1#

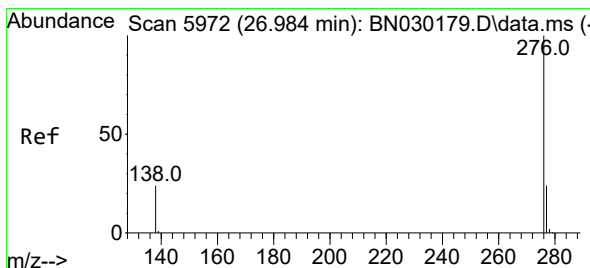
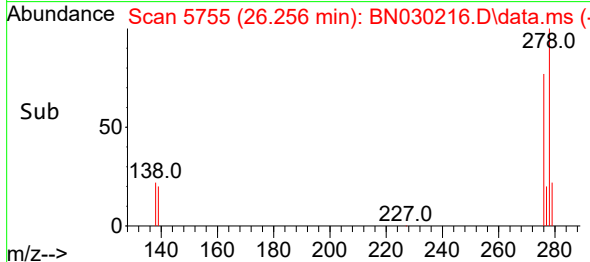
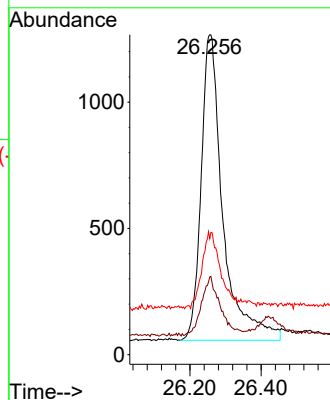
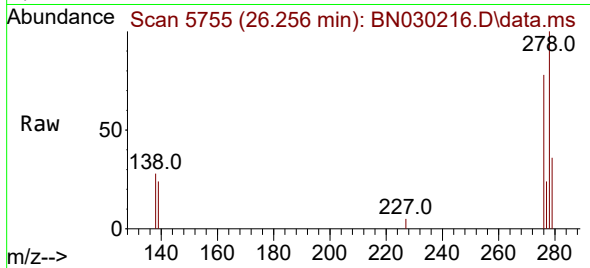




#28
Dibenzo(a,h)anthracene
Concen: 0.302 ng/ul
RT: 26.256 min Scan# 51
Delta R.T. -0.031 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
E0S96MSD

Tgt Ion:278 Resp: 5134
Ion Ratio Lower Upper
278 100
139 24.3 18.9 28.3
279 36.2 31.8 47.6



#29
Benzo(g,h,i)perylene
Concen: 0.296 ng/ul
RT: 26.970 min Scan# 5968
Delta R.T. -0.014 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Tgt Ion:276 Resp: 6034
Ion Ratio Lower Upper
276 100
138 25.4 22.6 33.8
277 26.1 21.9 32.9

