

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031524\
 Data File : BN030408.D
 Acq On : 14 Mar 2024 22:13
 Operator : MA/JU
 Sample : SSTD3.273
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2249

Quant Time: Mar 15 00:57:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN031524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 00:54:55 2024
 Response via : Initial Calibration

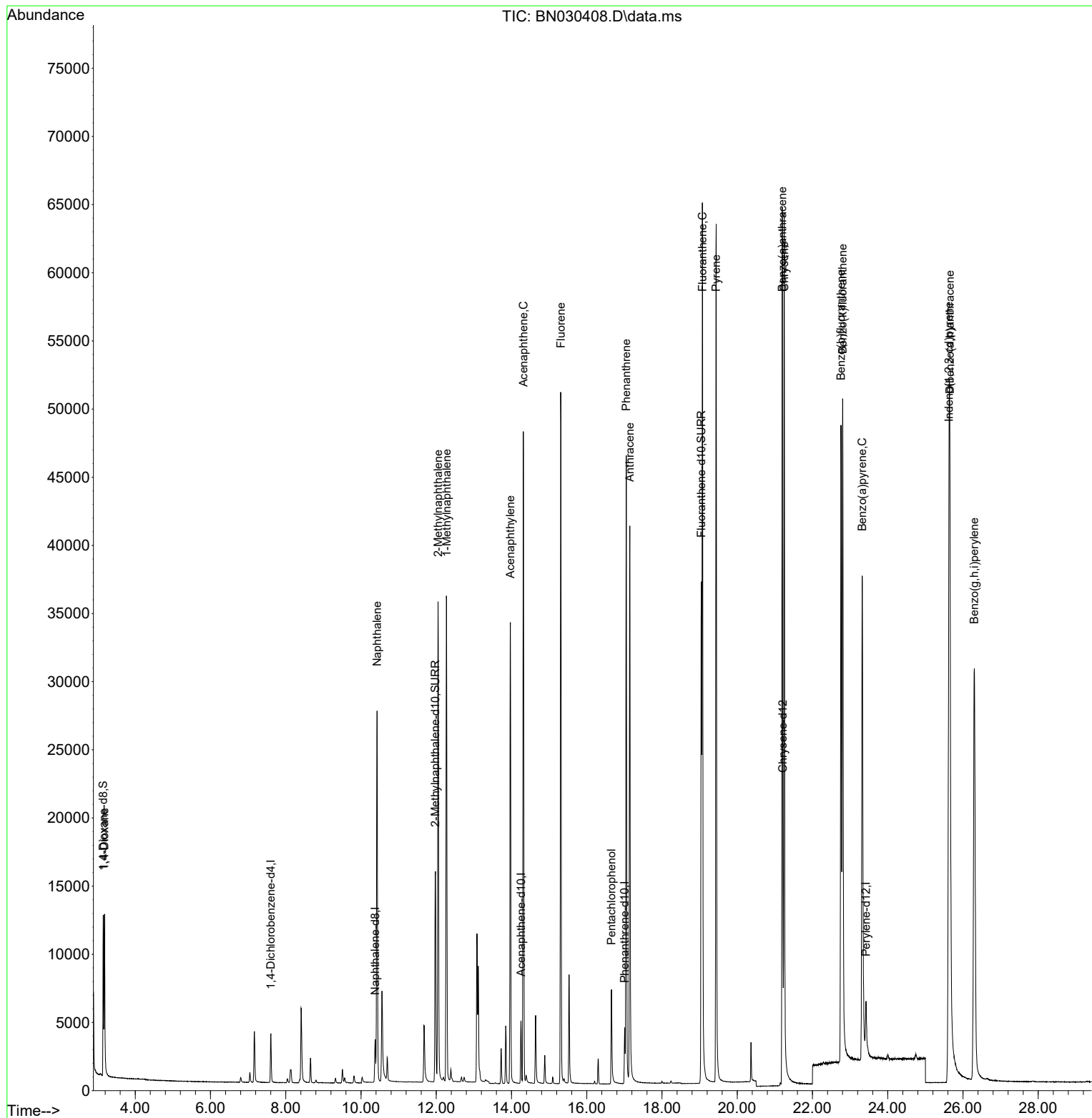
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	1925	0.400	ng/ul	0.00
4) Naphthalene-d8	10.377	136	4490	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.254	164	2554	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.008	188	5432	0.400	ng/ul	0.00
17) Chrysene-d12	21.212	240	4927	0.400	ng/ul	0.00
23) Perylene-d12	23.422	264	5443	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	7291	2.736	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.978	152	21802	3.756	ng/ul	0.00
18) Fluoranthene-d10	19.046	212	46407	2.891	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.182	88	7874	2.723	ng/ul#	87
5) Naphthalene	10.427	128	37759	2.850	ng/ul	94
7) 2-Methylnaphthalene	12.049	142	24854	3.461	ng/ul#	100
8) 1-Methylnaphthalene	12.275	142	24866	3.267	ng/ul#	28
10) Acenaphthylene	13.972	152	39469	2.764	ng/ul	96
11) Acenaphthene	14.314	153	28073	2.679	ng/ul	99
12) Fluorene	15.309	166	32587	3.053	ng/ul	98
14) Pentachlorophenol	16.658	266	5499	3.548	ng/ul#	100
15) Phenanthrene	17.051	178	50260	2.760	ng/ul	96
16) Anthracene	17.144	178	47855	2.986	ng/ul	95
19) Fluoranthene	19.074	202	60496	2.764	ng/ul	97
20) Pyrene	19.441	202	61813	2.598	ng/ul#	95
21) Benzo(a)anthracene	21.198	228	57585	3.307	ng/ul	98
22) Chrysene	21.247	228	58612	2.802	ng/ul	96
24) Benzo(b)fluoranthene	22.758	252	62350	2.970	ng/ul	81
25) Benzo(k)fluoranthene	22.802	252	68017	2.748	ng/ul#	82
26) Benzo(a)pyrene	23.322	252	60965	2.853	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.627	276	81993	3.005	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.651	278	64753	3.066	ng/ul#	80
29) Benzo(g,h,i)perylene	26.302	276	70405	2.781	ng/ul	95

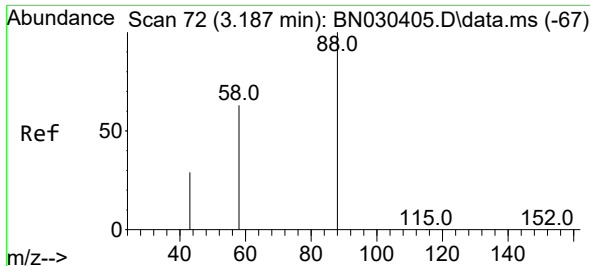
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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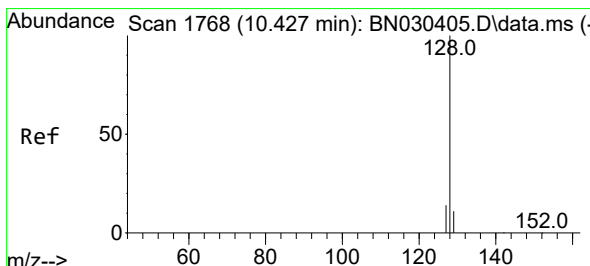
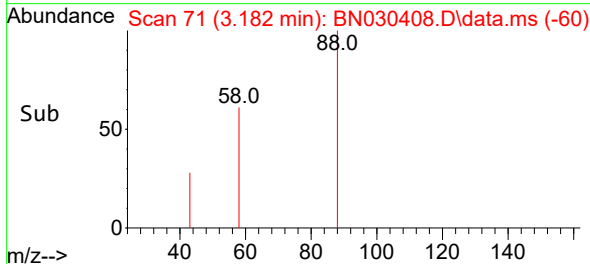
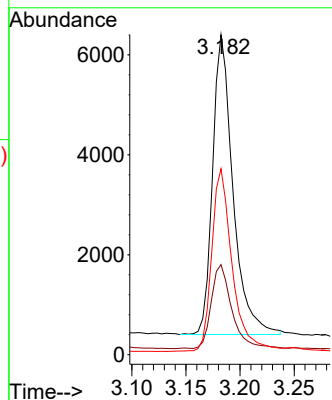
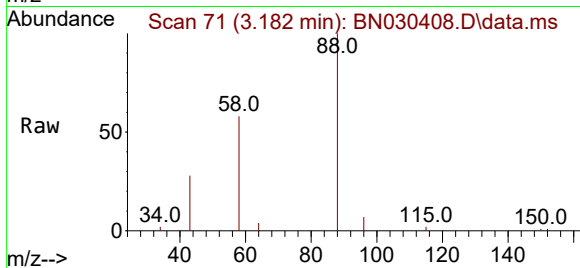




#2
1,4-Dioxane
Concen: 2.723 ng/ul
RT: 3.182 min Scan# 71
Delta R.T. -0.004 min
Lab File: BN030408.D
Acq: 14 Mar 2024 22:13

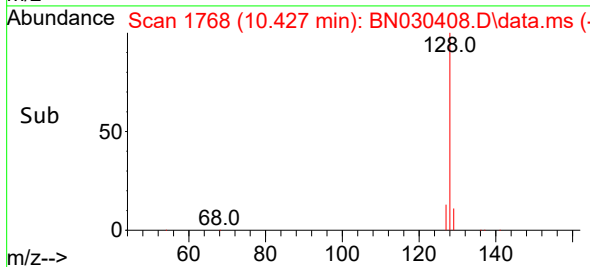
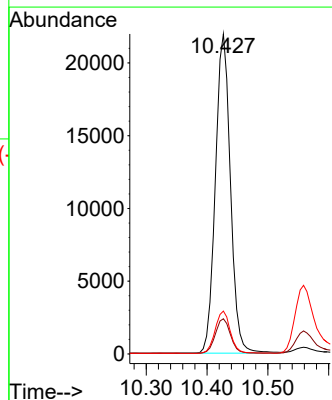
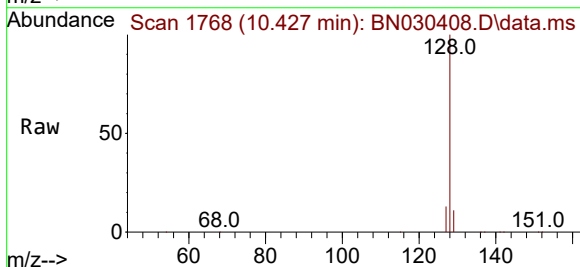
Instrument :
BNA_N
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SSTD3.2249

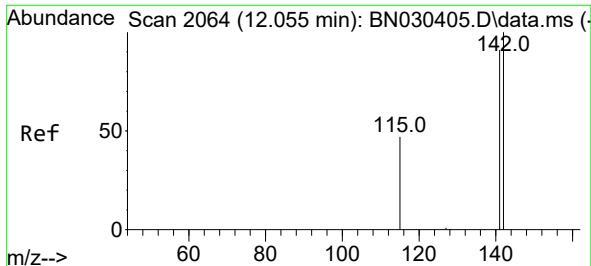
Tgt Ion: 88 Resp: 7874
Ion Ratio Lower Upper
88 100
43 28.2 24.7 37.1
58 58.1 36.6 54.8#



#5
Naphthalene
Concen: 2.850 ng/ul
RT: 10.427 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BN030408.D
Acq: 14 Mar 2024 22:13

Tgt Ion: 128 Resp: 37759
Ion Ratio Lower Upper
128 100
129 11.0 10.5 15.7
127 13.4 13.0 19.4

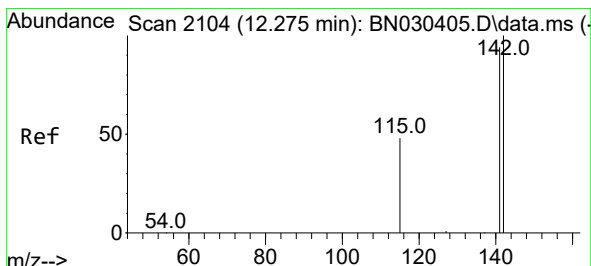
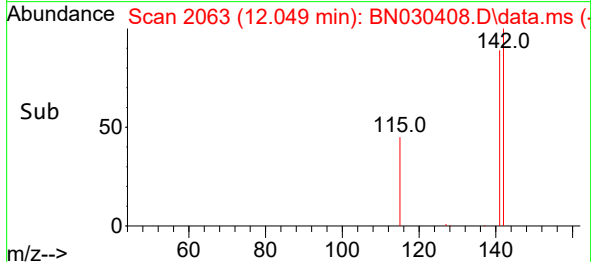
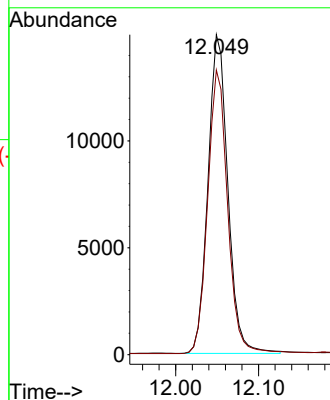
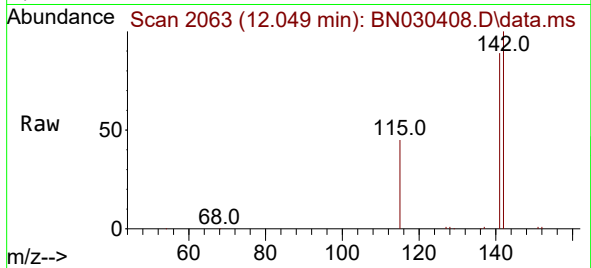




#7
2-Methylnaphthalene
Concen: 3.461 ng/ul
RT: 12.049 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BN030408.D
Acq: 14 Mar 2024 22:13

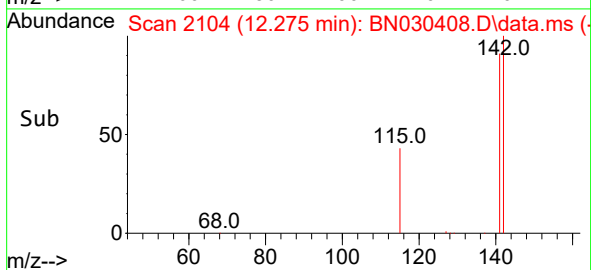
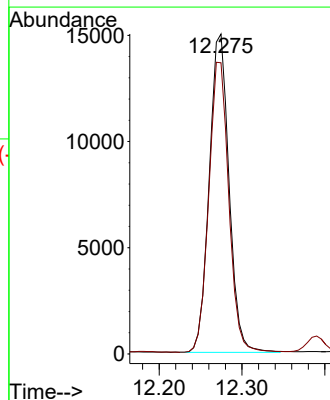
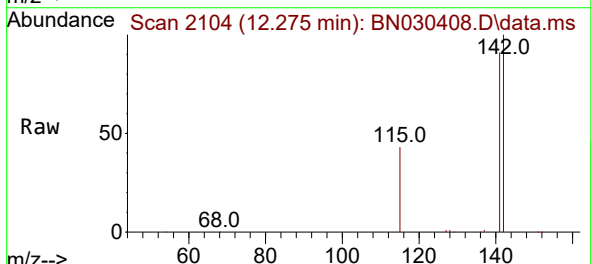
Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

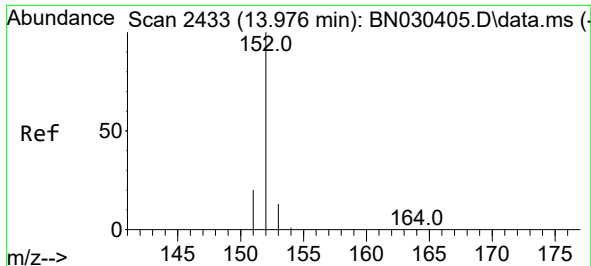
Tgt Ion:142 Resp: 24854
Ion Ratio Lower Upper
142 100
141 89.2 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 3.267 ng/ul
RT: 12.275 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BN030408.D
Acq: 14 Mar 2024 22:13

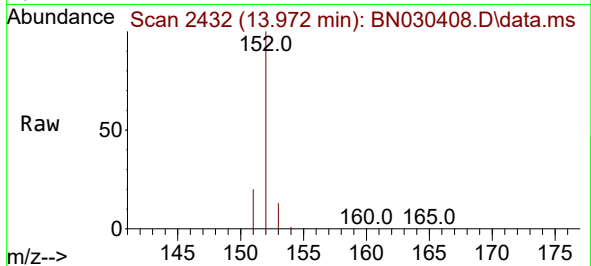
Tgt Ion:142 Resp: 24866
Ion Ratio Lower Upper
142 100
141 92.0 0.2 0.2#



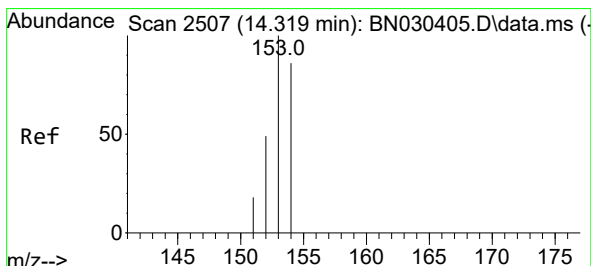
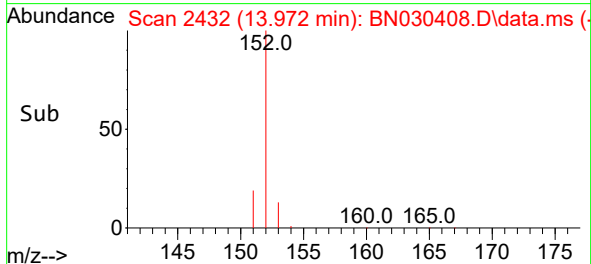
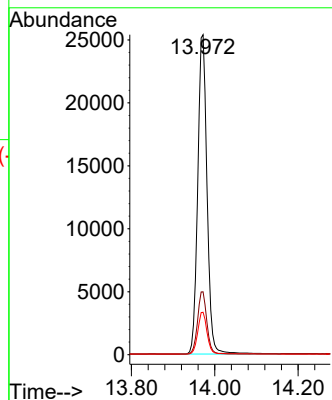


#10
Acenaphthylene
Concen: 2.764 ng/ul
RT: 13.972 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BN030408.D
Acq: 14 Mar 2024 22:13

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

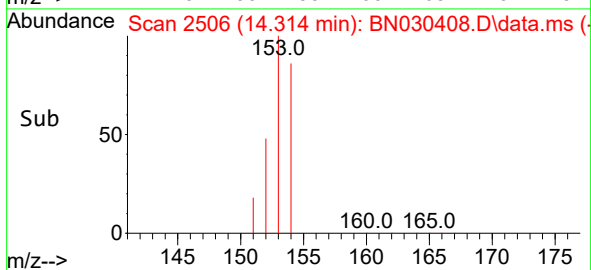
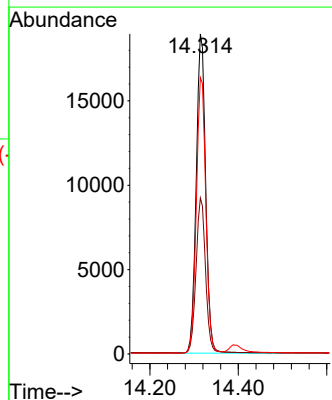
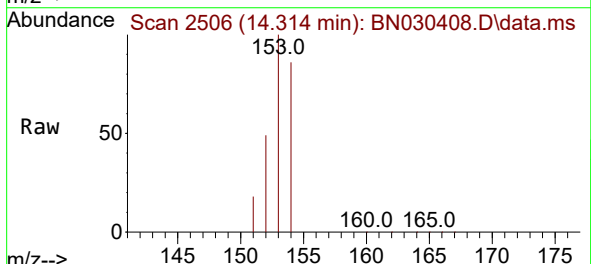


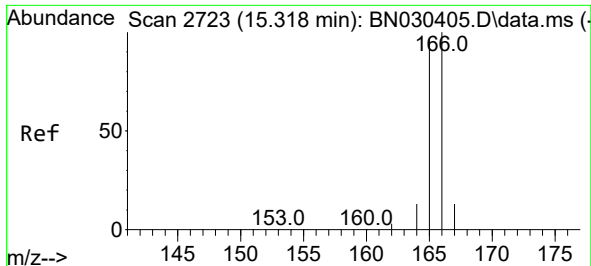
Tgt Ion:152 Resp: 39469
Ion Ratio Lower Upper
152 100
151 19.6 17.1 25.7
153 13.2 12.2 18.2



#11
Acenaphthene
Concen: 2.679 ng/ul
RT: 14.314 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN030408.D
Acq: 14 Mar 2024 22:13

Tgt Ion:153 Resp: 28073
Ion Ratio Lower Upper
153 100
152 48.7 40.2 60.2
154 86.3 69.0 103.4

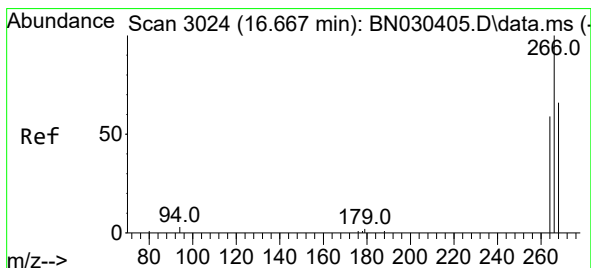
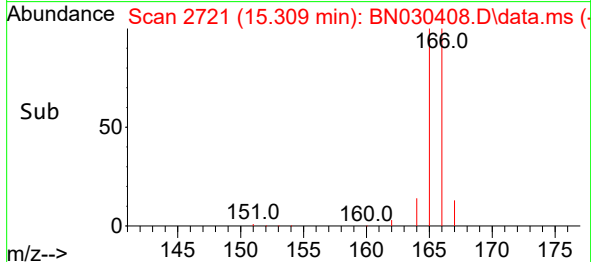
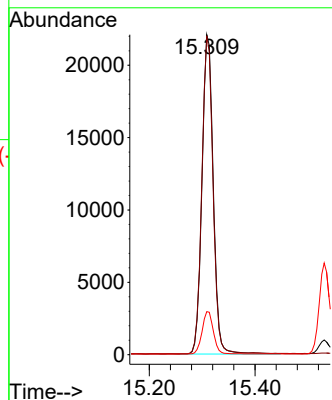
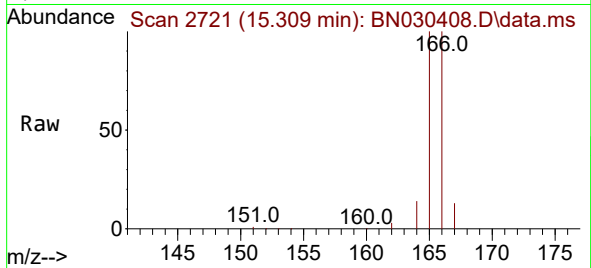




#12
Fluorene
Concen: 3.053 ng/ul
RT: 15.309 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN030408.D
Acq: 14 Mar 2024 22:13

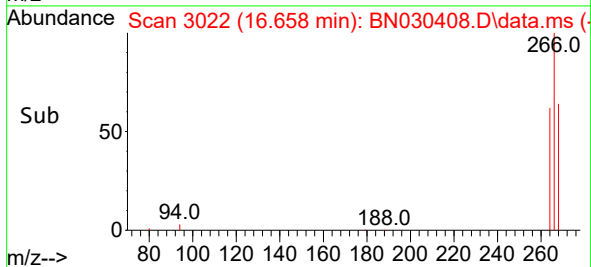
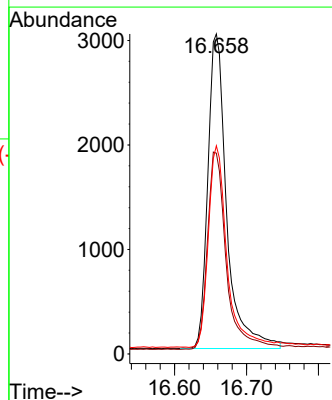
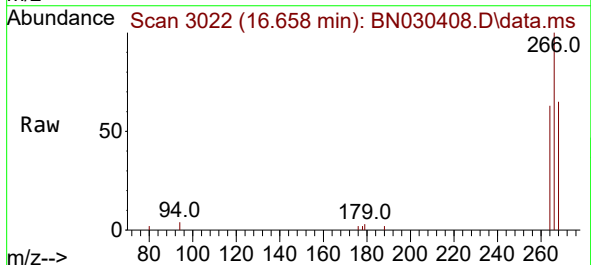
Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

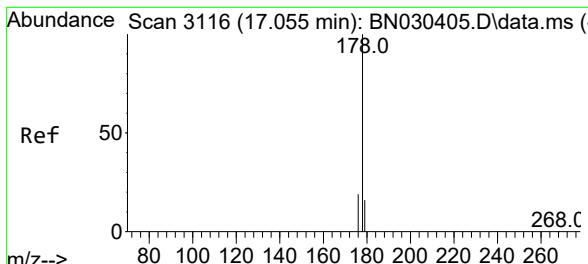
Tgt Ion:166 Resp: 32587
Ion Ratio Lower Upper
166 100
165 99.7 78.5 117.7
167 13.4 12.7 19.1



#14
Pentachlorophenol
Concen: 3.548 ng/ul
RT: 16.658 min Scan# 3022
Delta R.T. -0.008 min
Lab File: BN030408.D
Acq: 14 Mar 2024 22:13

Tgt Ion:266 Resp: 5499
Ion Ratio Lower Upper
266 100
264 62.6 0.0 0.0#
268 63.7 0.0 0.0#

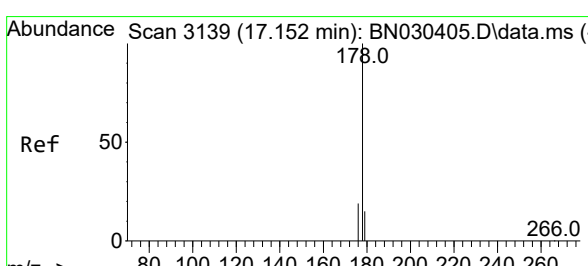
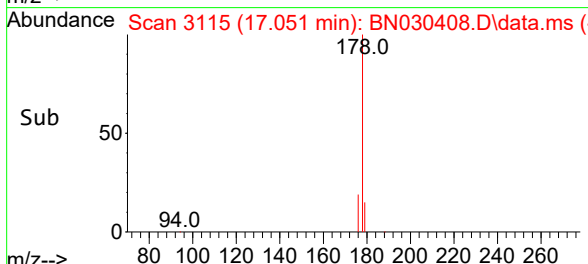
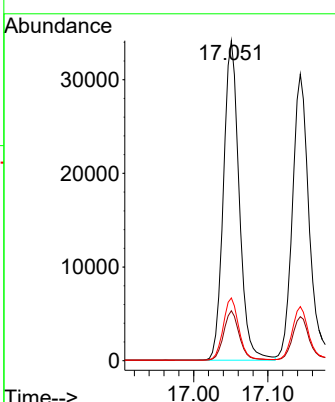
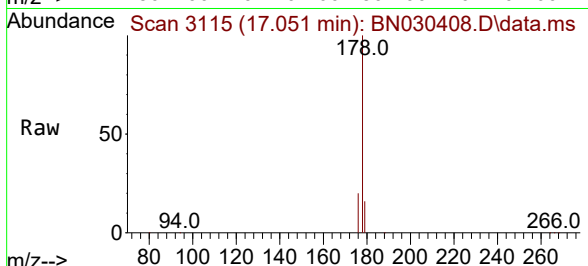




#15
 Phenanthrene
 Concen: 2.760 ng/ul
 RT: 17.051 min Scan# 3115
 Delta R.T. -0.004 min
 Lab File: BN030408.D
 Acq: 14 Mar 2024 22:13

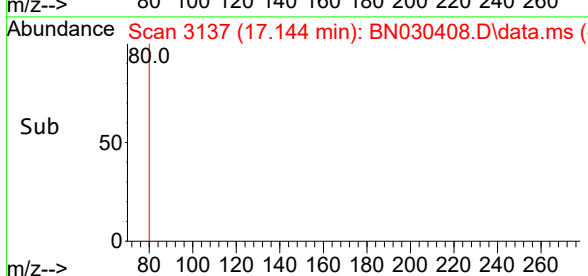
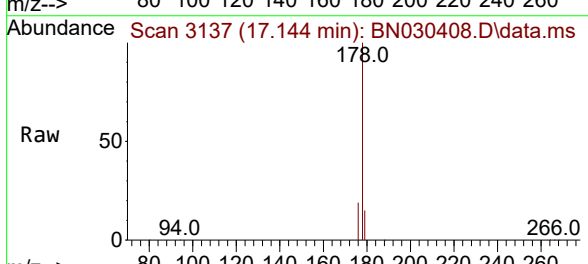
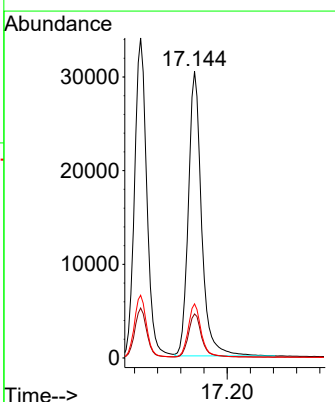
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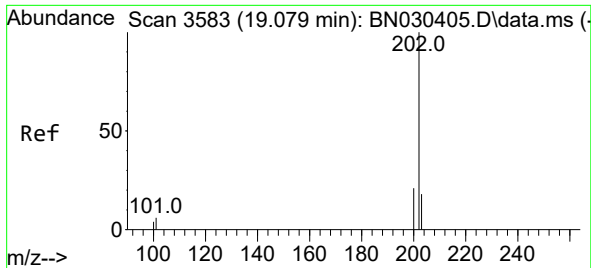
Tgt Ion:	178	Resp:	50260
Ion Ratio	Lower	Upper	
178	100		
179	15.6	14.2	21.4
176	19.6	16.8	25.2



#16
 Anthracene
 Concen: 2.986 ng/ul
 RT: 17.144 min Scan# 3137
 Delta R.T. -0.008 min
 Lab File: BN030408.D
 Acq: 14 Mar 2024 22:13

Tgt Ion:	178	Resp:	47855
Ion Ratio	Lower	Upper	
178	100		
179	15.4	14.4	21.6
176	18.9	16.5	24.7

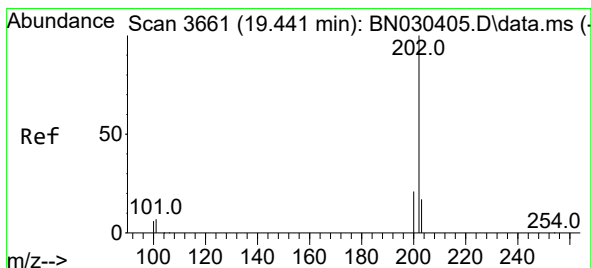
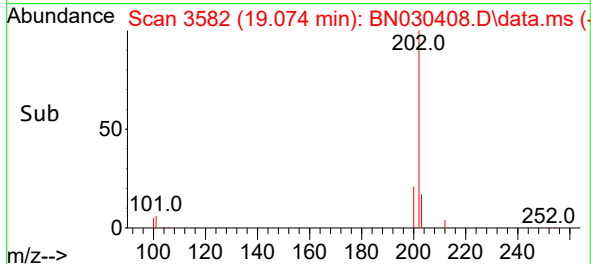
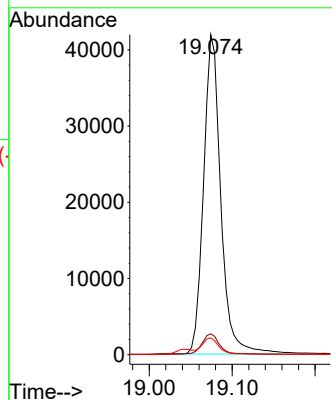
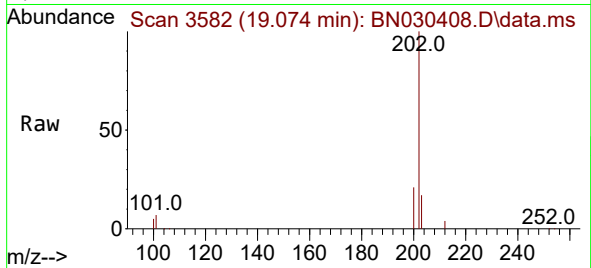




#19
Fluoranthene
Concen: 2.764 ng/ul
RT: 19.074 min Scan# 3582
Delta R.T. -0.005 min
Lab File: BN030408.D
Acq: 14 Mar 2024 22:13

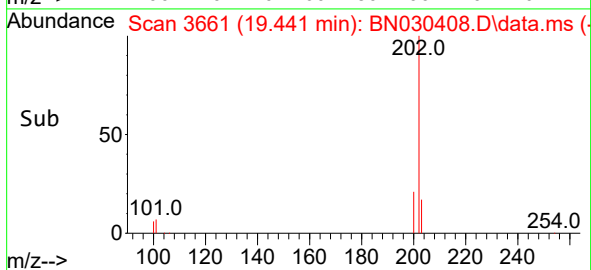
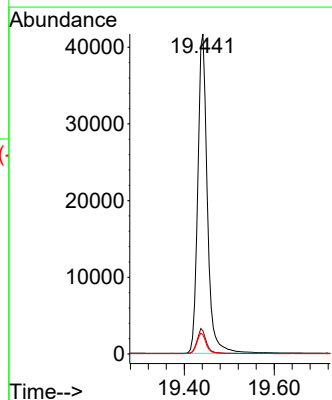
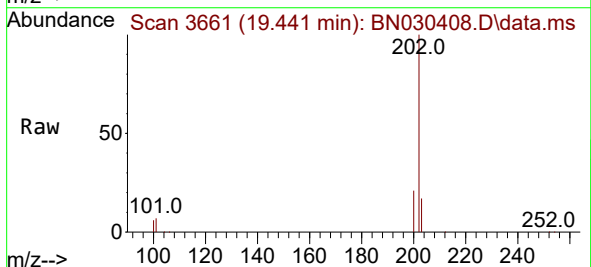
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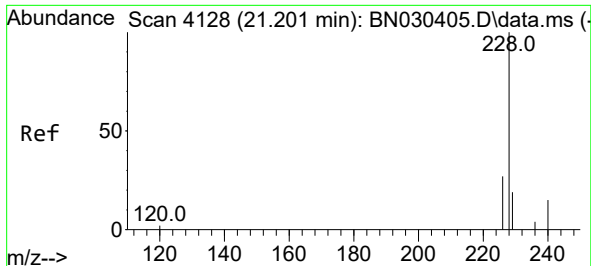
Tgt Ion:202 Resp: 60496
Ion Ratio Lower Upper
202 100
101 6.5 5.8 8.8
100 5.3 5.2 7.8



#20
Pyrene
Concen: 2.598 ng/ul
RT: 19.441 min Scan# 3661
Delta R.T. -0.000 min
Lab File: BN030408.D
Acq: 14 Mar 2024 22:13

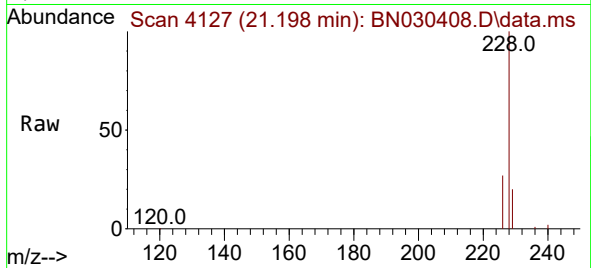
Tgt Ion:202 Resp: 61813
Ion Ratio Lower Upper
202 100
101 7.2 7.0 10.6
100 5.9 6.2 9.4#



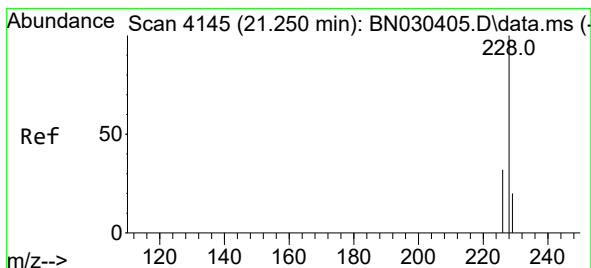
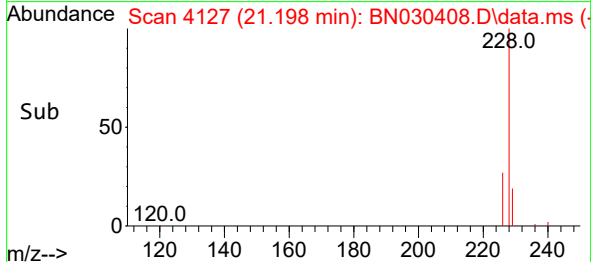
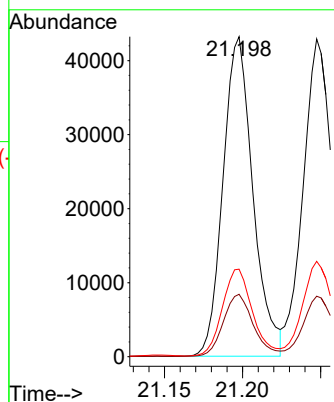


#21
Benzo(a)anthracene
Concen: 3.307 ng/ul
RT: 21.198 min Scan# 4127
Delta R.T. -0.003 min
Lab File: BN030408.D
Acq: 14 Mar 2024 22:13

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

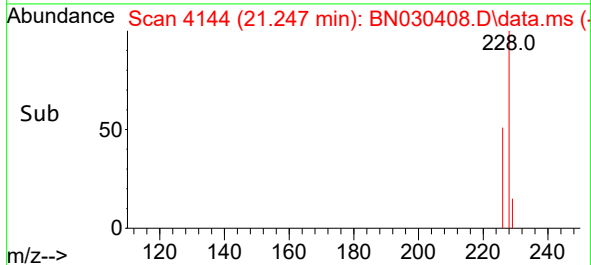
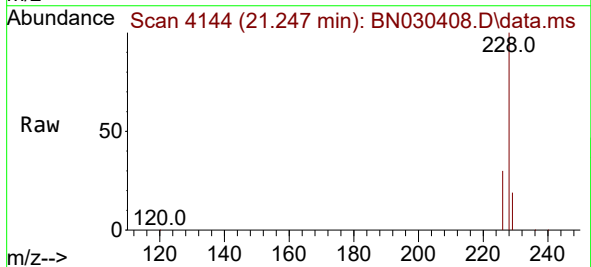
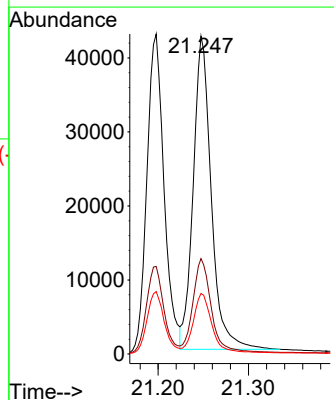


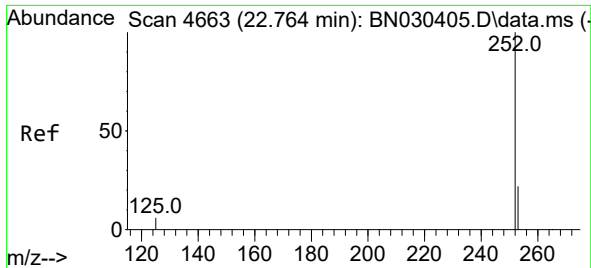
Tgt Ion:228 Resp: 57585
Ion Ratio Lower Upper
228 100
229 19.5 16.4 24.6
226 27.3 22.7 34.1



#22
Chrysene
Concen: 2.802 ng/ul
RT: 21.247 min Scan# 4144
Delta R.T. -0.003 min
Lab File: BN030408.D
Acq: 14 Mar 2024 22:13

Tgt Ion:228 Resp: 58612
Ion Ratio Lower Upper
228 100
226 30.0 25.6 38.4
229 19.0 16.6 25.0

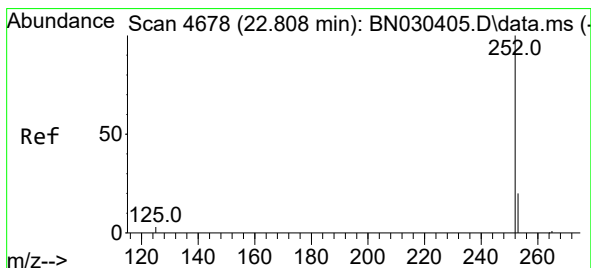
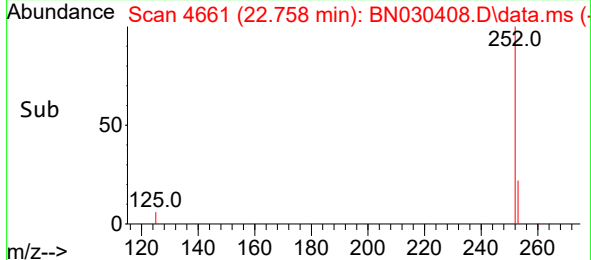
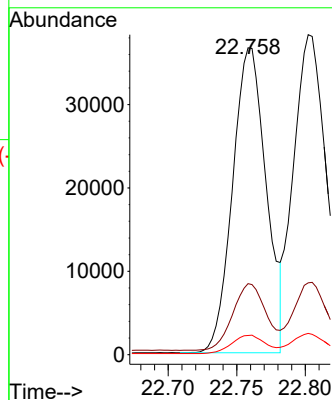
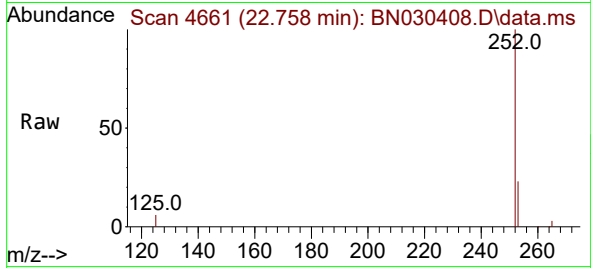




#24
Benzo(b)fluoranthene
Concen: 2.970 ng/ul
RT: 22.758 min Scan# 4661
Delta R.T. -0.006 min
Lab File: BN030408.D
Acq: 14 Mar 2024 22:13

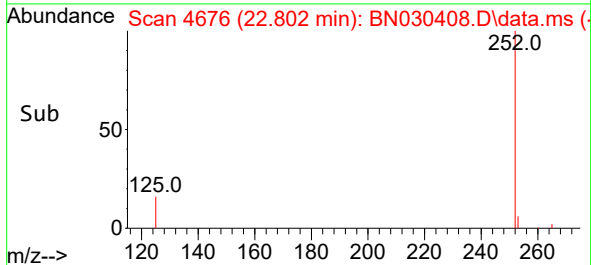
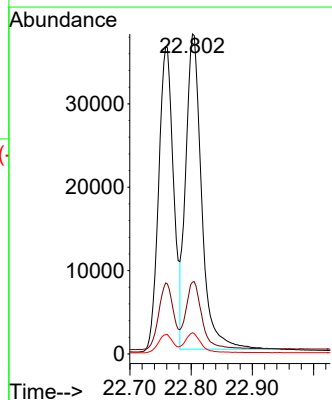
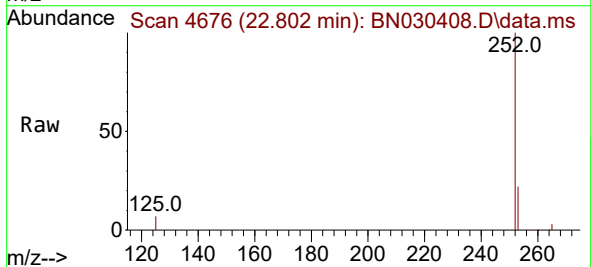
Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

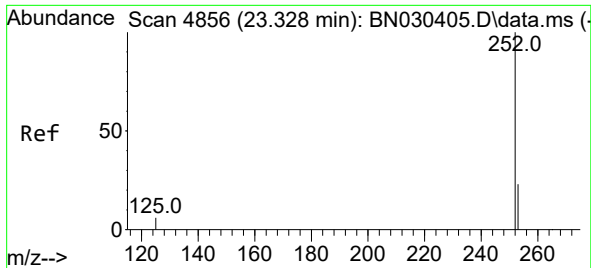
Tgt Ion:252 Resp: 62350
Ion Ratio Lower Upper
252 100
253 23.2 0.0 71.4
125 6.3 0.0 18.6



#25
Benzo(k)fluoranthene
Concen: 2.748 ng/ul
RT: 22.802 min Scan# 4676
Delta R.T. -0.006 min
Lab File: BN030408.D
Acq: 14 Mar 2024 22:13

Tgt Ion:252 Resp: 68017
Ion Ratio Lower Upper
252 100
253 22.4 27.7 41.5#
125 6.7 8.0 12.0#

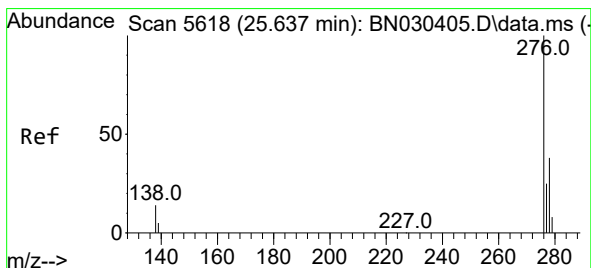
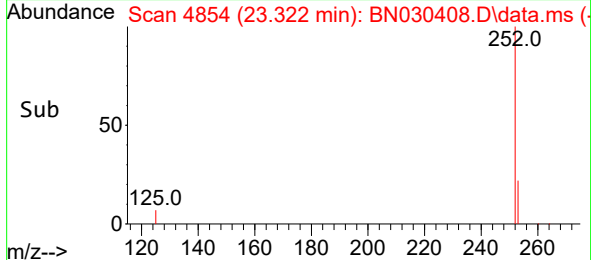
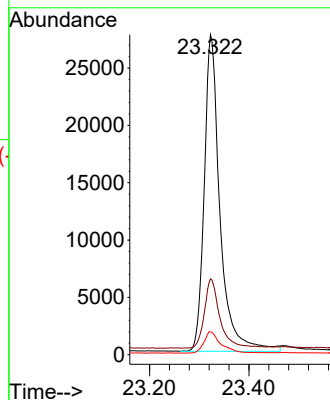
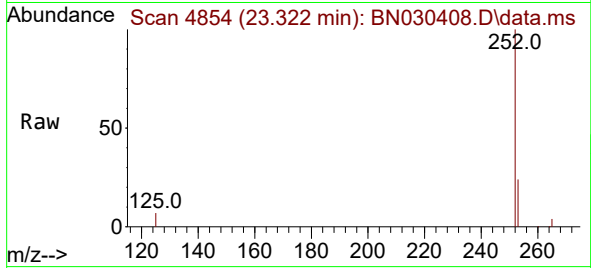




#26
Benzo(a)pyrene
Concen: 2.853 ng/ul
RT: 23.322 min Scan# 4854
Delta R.T. -0.006 min
Lab File: BN030408.D
Acq: 14 Mar 2024 22:13

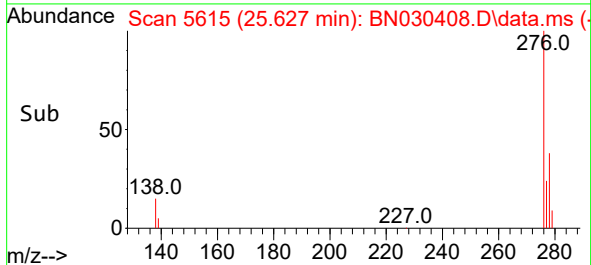
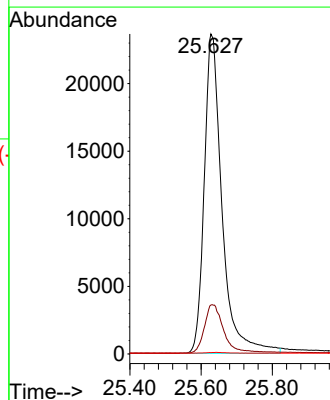
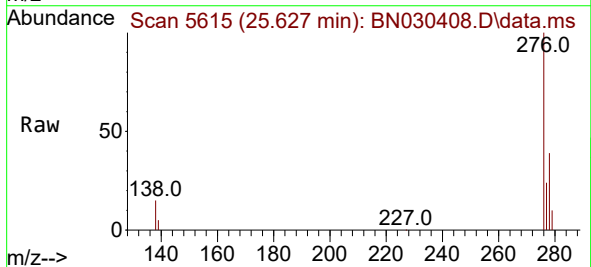
Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

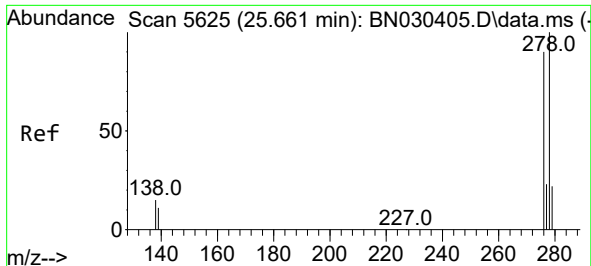
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	34.4	51.6#
125	7.1	9.0	13.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.005 ng/ul
RT: 25.627 min Scan# 5615
Delta R.T. -0.010 min
Lab File: BN030408.D
Acq: 14 Mar 2024 22:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	9.8	14.6#
227	0.3	0.0	0.0#

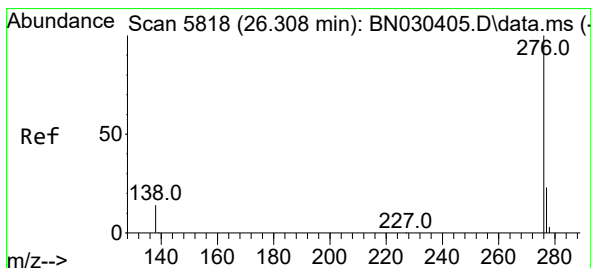
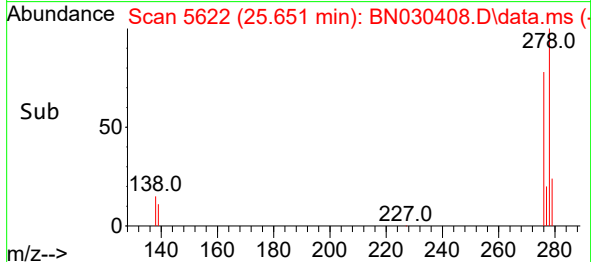
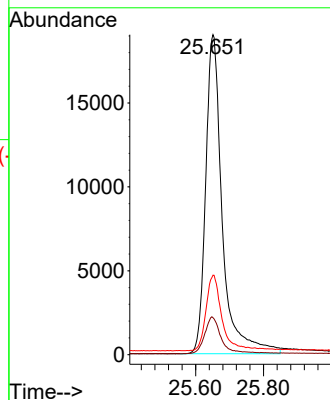
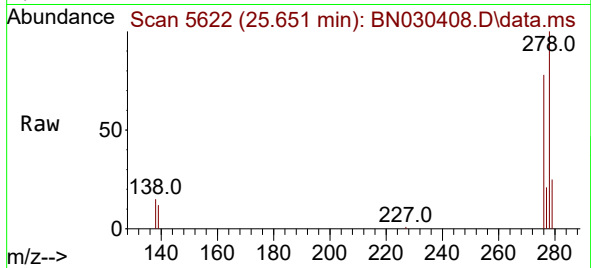




#28
Dibenzo(a,h)anthracene
Concen: 3.066 ng/ul
RT: 25.651 min Scan# 5622
Delta R.T. -0.010 min
Lab File: BN030408.D
Acq: 14 Mar 2024 22:13

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:278 Resp: 64753
Ion Ratio Lower Upper
278 100
139 11.5 12.2 18.2#
279 24.8 31.8 47.6#



#29
Benzo(g,h,i)perylene
Concen: 2.781 ng/ul
RT: 26.302 min Scan# 5816
Delta R.T. -0.007 min
Lab File: BN030408.D
Acq: 14 Mar 2024 22:13

Tgt Ion:276 Resp: 70405
Ion Ratio Lower Upper
276 100
138 14.8 13.4 20.2
277 23.4 20.6 31.0

