

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030189.D
 Acq On : 02 Mar 2024 20:31
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4352

Quant Time: Mar 03 22:48:47 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)

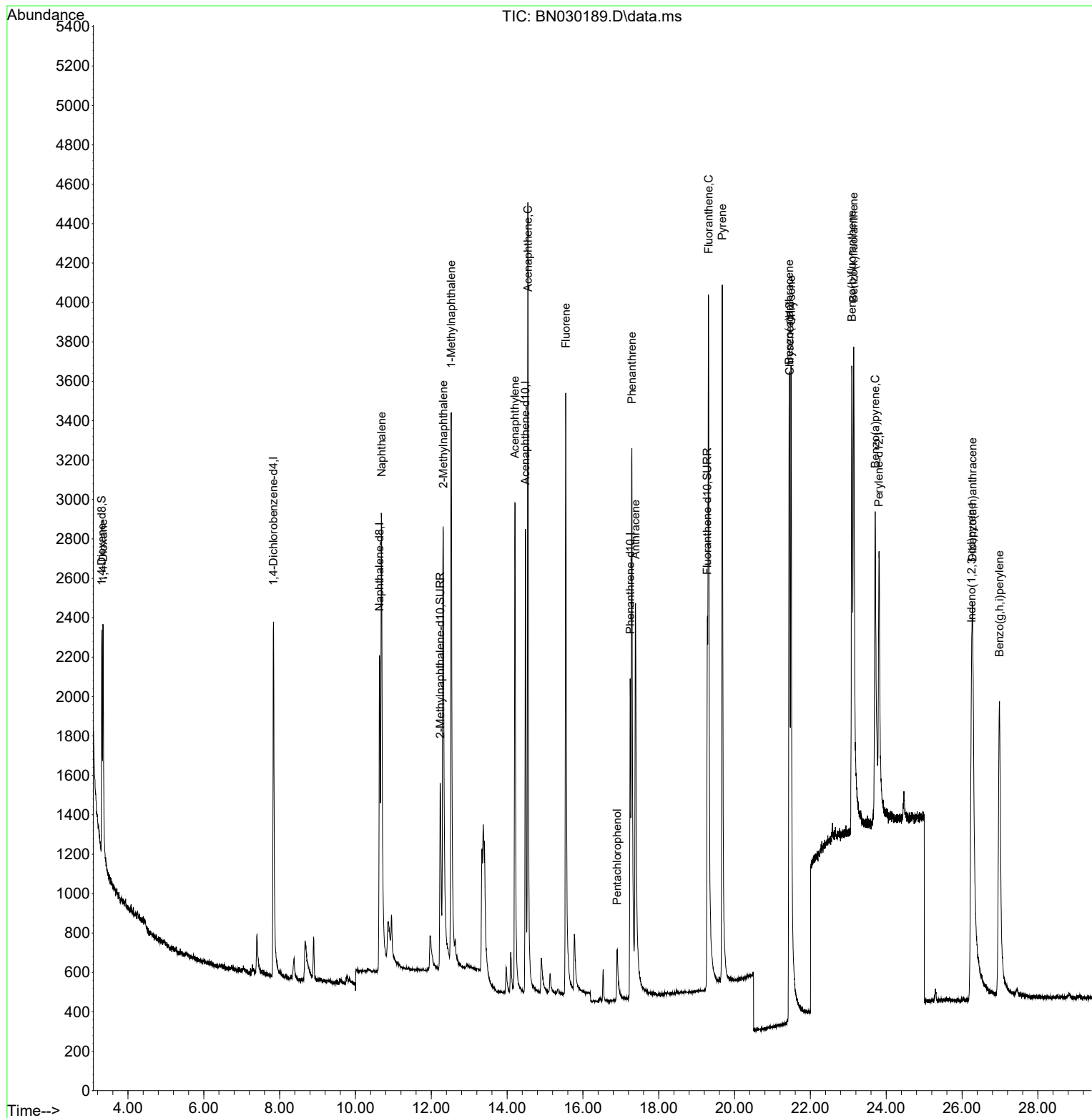
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	1321	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	3462	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.483	164	1599	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.247	188	2787	0.400	ng/ul	0.00
17) Chrysene-d12	21.453	240	2090	0.400	ng/ul	0.00
23) Perylene-d12	23.809	264	2262	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	801	0.438	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	2000	0.447	ng/ul	0.00
18) Fluoranthene-d10	19.281	212	3225	0.474	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.345	88	830	0.418	ng/ul	96
5) Naphthalene	10.689	128	4548	0.445	ng/ul	99
7) 2-Methylnaphthalene	12.317	142	2435	0.440	ng/ul	100
8) 1-Methylnaphthalene	12.526	142	2602	0.443	ng/ul	99
10) Acenaphthylene	14.206	152	3950	0.442	ng/ul	99
11) Acenaphthene	14.548	153	2877	0.438	ng/ul	98
12) Fluorene	15.547	166	2908	0.435	ng/ul	97
14) Pentachlorophenol	16.905	266	337	0.424	ng/ul	96
15) Phenanthrene	17.289	178	4006	0.429	ng/ul	98
16) Anthracene	17.387	178	3642	0.443	ng/ul	97
19) Fluoranthene	19.314	202	4308	0.464	ng/ul	97
20) Pyrene	19.676	202	4651	0.461	ng/ul	98
21) Benzo(a)anthracene	21.438	228	3279	0.444	ng/ul	99
22) Chrysene	21.491	228	3845	0.433	ng/ul	100
24) Benzo(b)fluoranthene	23.093	252	3681	0.422	ng/ul	98
25) Benzo(k)fluoranthene	23.142	252	4404	0.428	ng/ul	99
26) Benzo(a)pyrene	23.709	252	3822	0.430	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.249	276	4869	0.429	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.276	278	3786	0.431	ng/ul	98
29) Benzo(g,h,i)perylene	26.987	276	4387	0.417	ng/ul	98

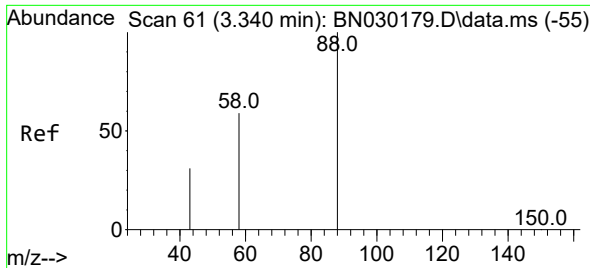
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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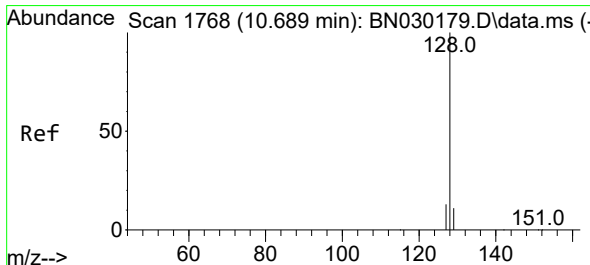
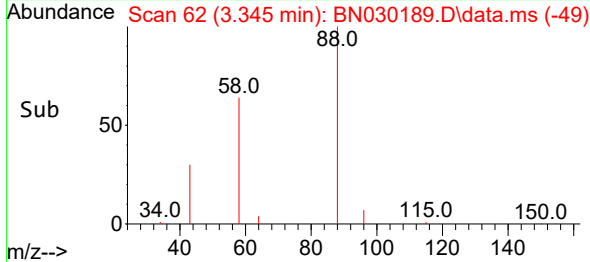
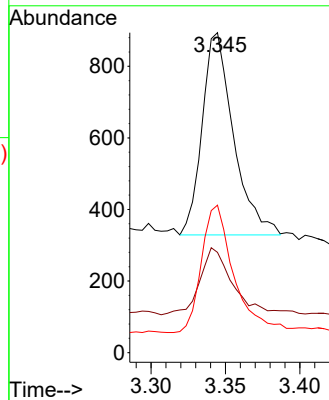
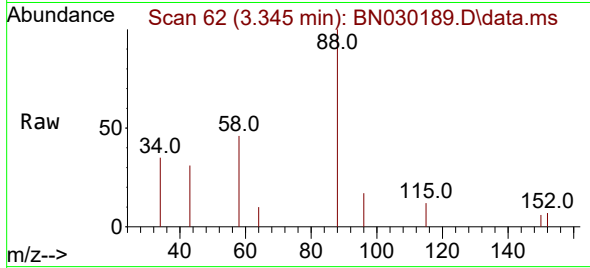




#2
1,4-Dioxane
Concen: 0.418 ng/ul
RT: 3.345 min Scan# 61
Delta R.T. 0.004 min
Lab File: BN030189.D
Acq: 02 Mar 2024 20:31

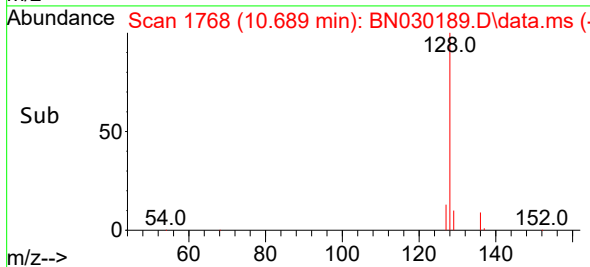
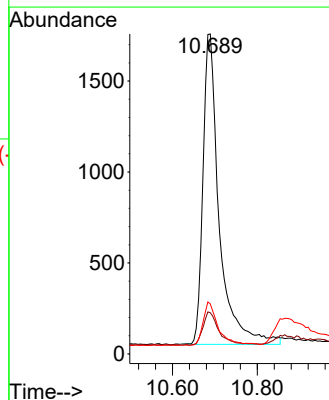
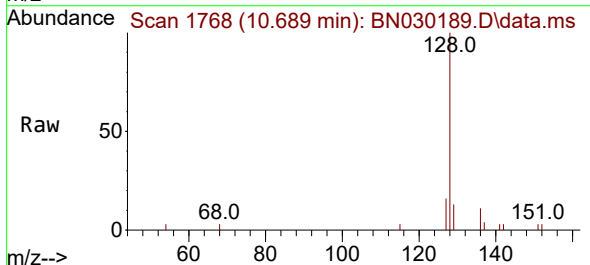
Instrument :
BNA_N
ClientSampleId :
SSTD0.4352

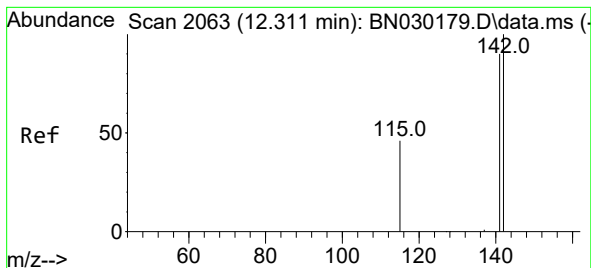
Tgt Ion: 88 Resp: 830
Ion Ratio Lower Upper
88 100
43 31.3 25.7 38.5
58 46.1 33.8 50.8



#5
Naphthalene
Concen: 0.445 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BN030189.D
Acq: 02 Mar 2024 20:31

Tgt Ion: 128 Resp: 4548
Ion Ratio Lower Upper
128 100
129 12.9 11.0 16.4
127 15.6 12.3 18.5

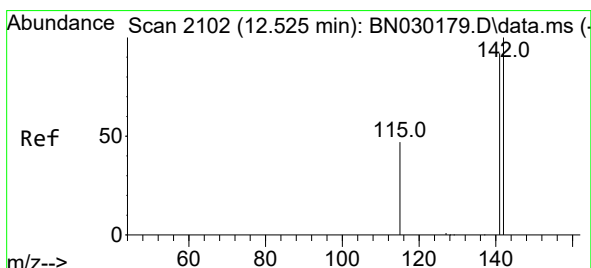
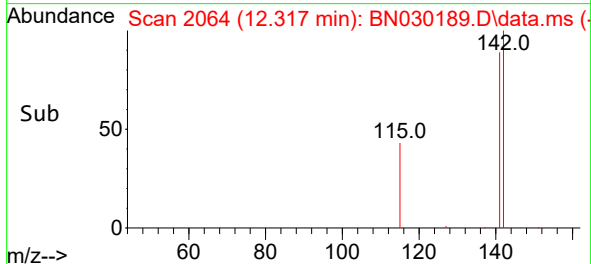
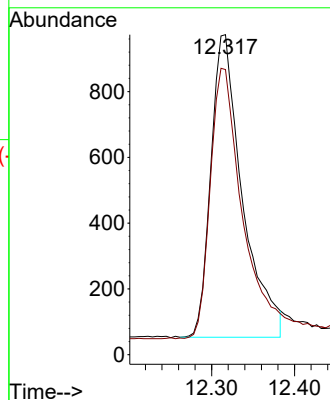
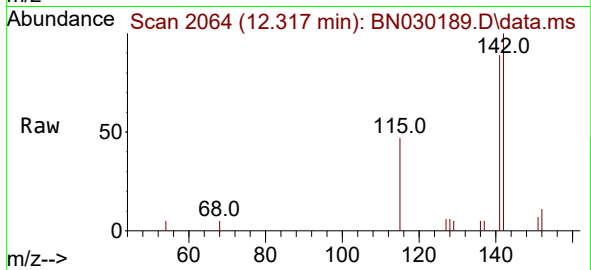




#7
2-Methylnaphthalene
Concen: 0.440 ng/ul
RT: 12.317 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BN030189.D
Acq: 02 Mar 2024 20:31

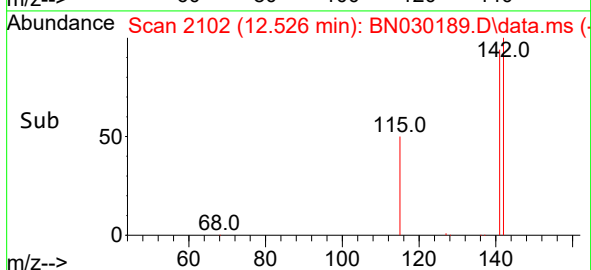
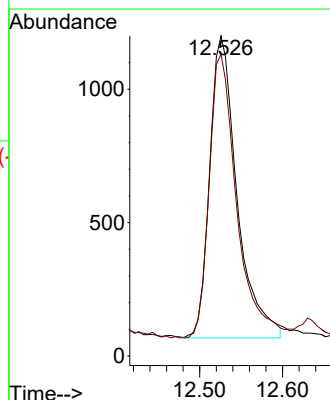
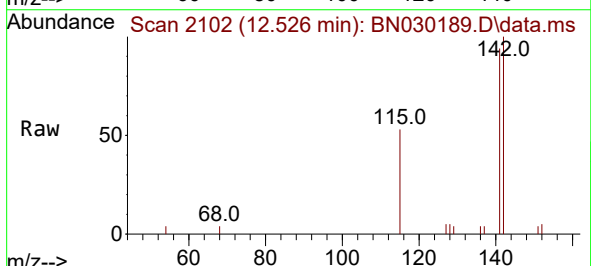
Instrument :
BNA_N
ClientSampleId :
SSTD0.4352

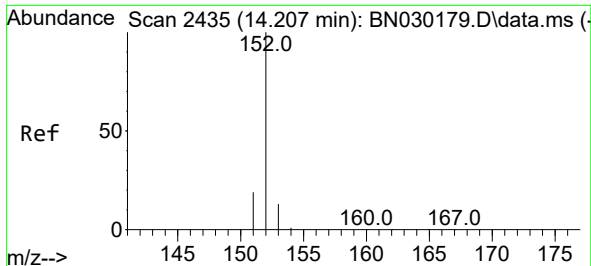
Tgt Ion:142 Resp: 2435
Ion Ratio Lower Upper
142 100
141 90.9 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.443 ng/ul
RT: 12.526 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN030189.D
Acq: 02 Mar 2024 20:31

Tgt Ion:142 Resp: 2602
Ion Ratio Lower Upper
142 100
141 93.5 74.2 111.2

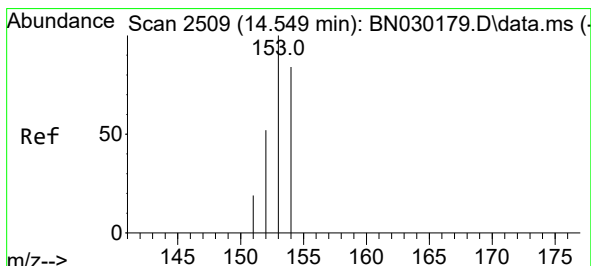
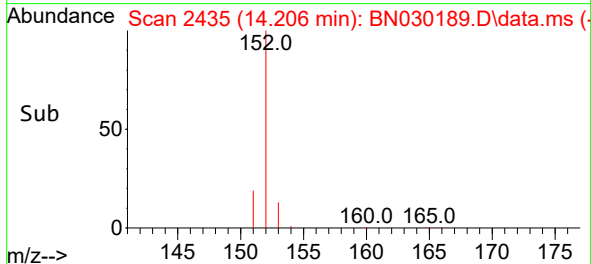
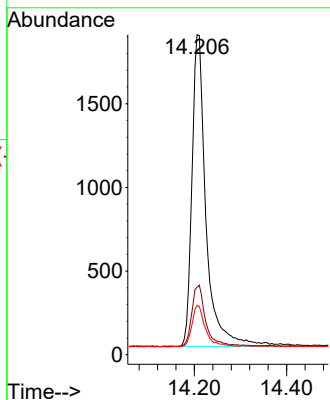
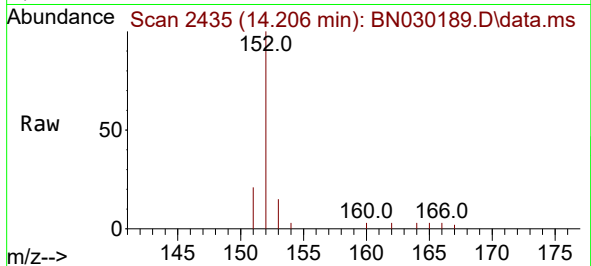




#10
Acenaphthylene
Concen: 0.442 ng/ul
RT: 14.206 min Scan# 2435
Delta R.T. -0.001 min
Lab File: BN030189.D
Acq: 02 Mar 2024 20:31

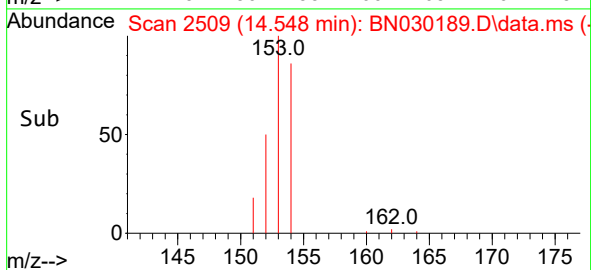
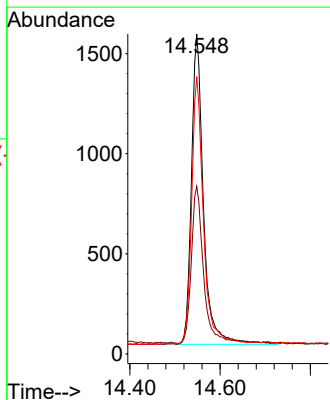
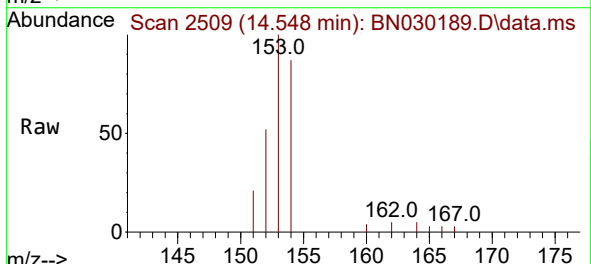
Instrument :
BNA_N
ClientSampleId :
SSTD0.4352

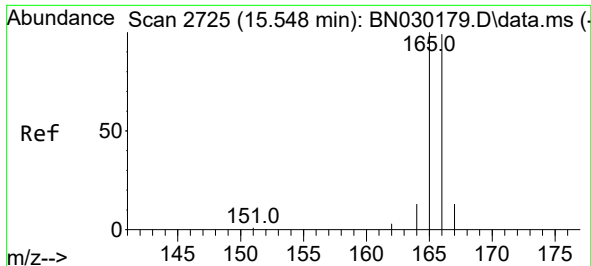
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.9	25.3
153	15.4	11.8	17.6



#11
Acenaphthene
Concen: 0.438 ng/ul
RT: 14.548 min Scan# 2509
Delta R.T. -0.001 min
Lab File: BN030189.D
Acq: 02 Mar 2024 20:31

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.4	43.2	64.8
154	86.7	67.5	101.3

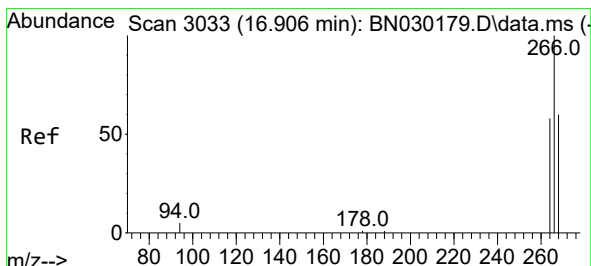
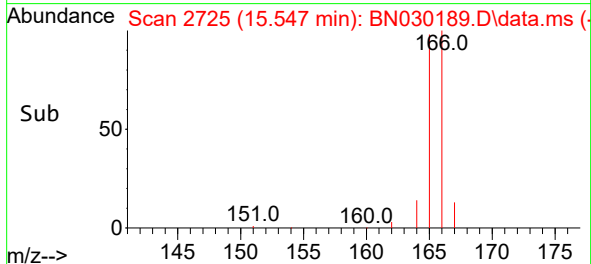
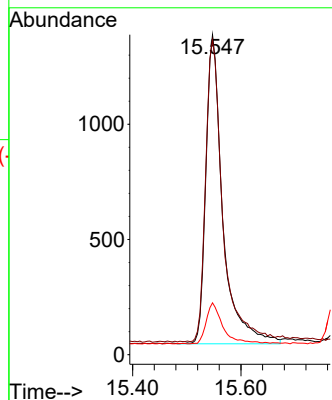
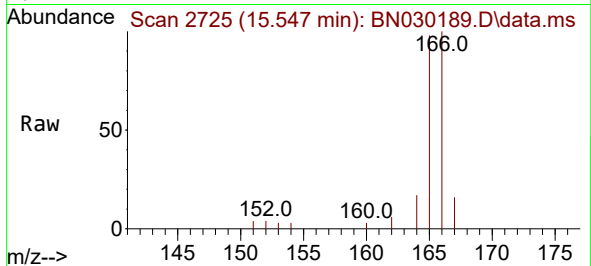




#12
Fluorene
Concen: 0.435 ng/ul
RT: 15.547 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN030189.D
Acq: 02 Mar 2024 20:31

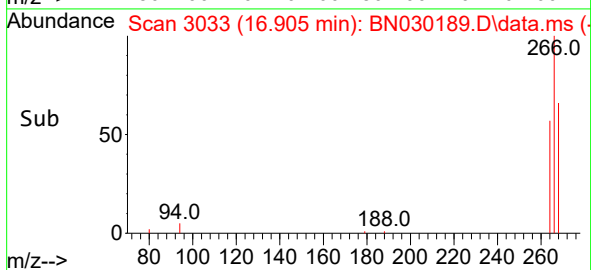
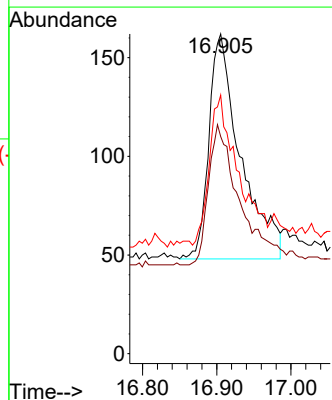
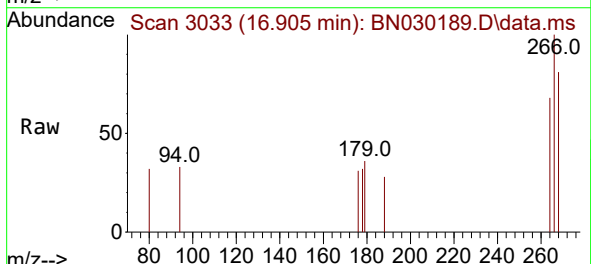
Instrument :
BNA_N
ClientSampleId :
SSTD0.4352

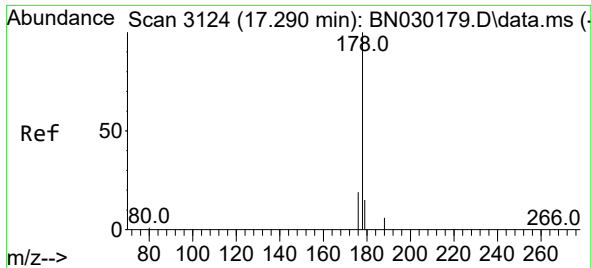
Tgt Ion:166 Resp: 2908
Ion Ratio Lower Upper
166 100
165 98.3 81.8 122.6
167 16.2 13.0 19.4



#14
Pentachlorophenol
Concen: 0.424 ng/ul
RT: 16.905 min Scan# 3033
Delta R.T. -0.001 min
Lab File: BN030189.D
Acq: 02 Mar 2024 20:31

Tgt Ion:266 Resp: 337
Ion Ratio Lower Upper
266 100
264 62.0 49.8 74.8
268 60.8 53.4 80.2

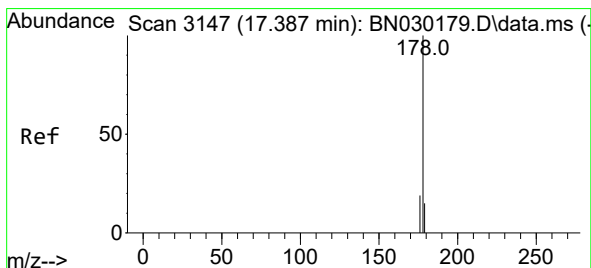
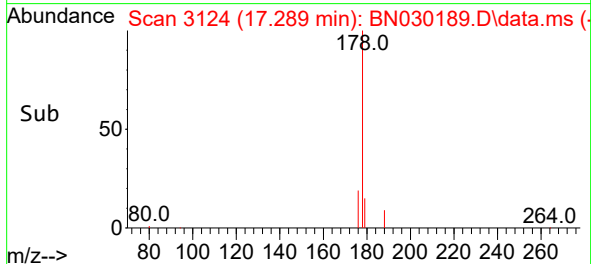
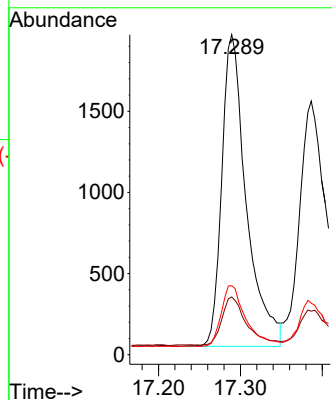
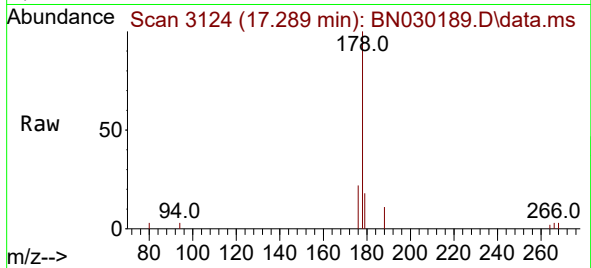




#15
 Phenanthrene
 Concen: 0.429 ng/ul
 RT: 17.289 min Scan# 3124
 Delta R.T. -0.001 min
 Lab File: BN030189.D
 Acq: 02 Mar 2024 20:31

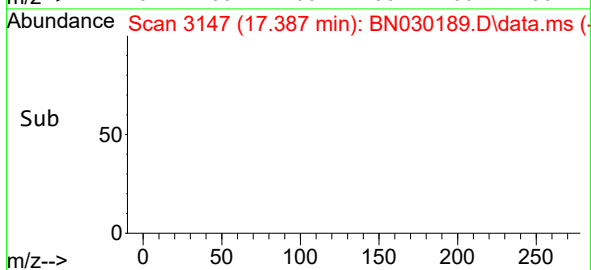
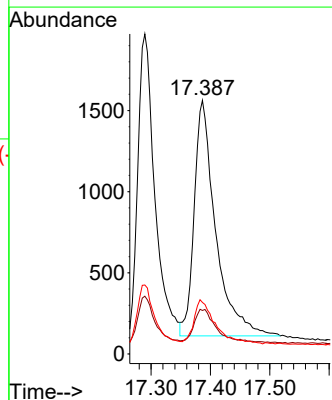
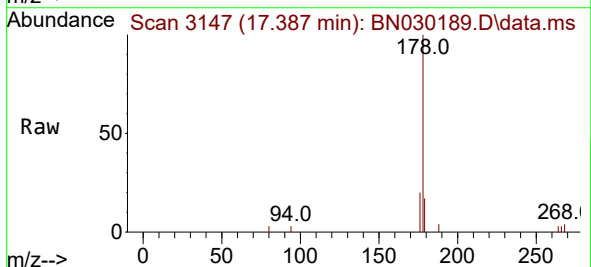
Instrument :
 BNA_N
 ClientSampleId :
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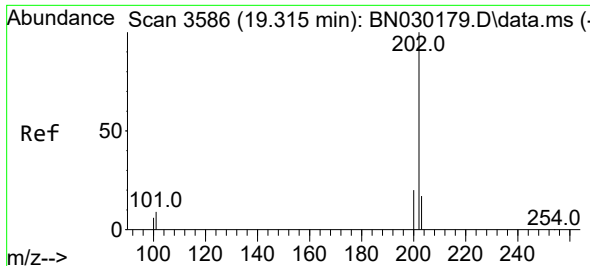
Tgt Ion:	178	Resp:	4006
Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.8	20.8
176	21.6	16.6	25.0



#16
 Anthracene
 Concen: 0.443 ng/ul
 RT: 17.387 min Scan# 3147
 Delta R.T. -0.001 min
 Lab File: BN030189.D
 Acq: 02 Mar 2024 20:31

Tgt Ion:	178	Resp:	3642
Ion	Ratio	Lower	Upper
178	100		
179	17.1	14.8	22.2
176	20.3	17.8	26.6

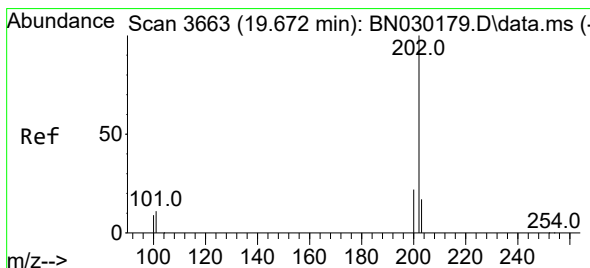
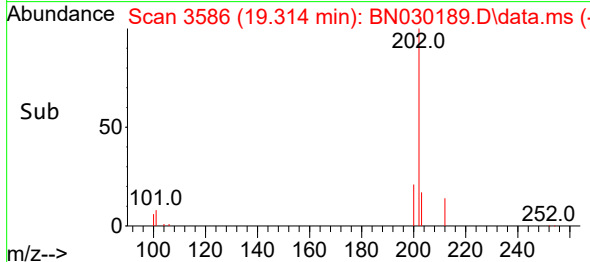
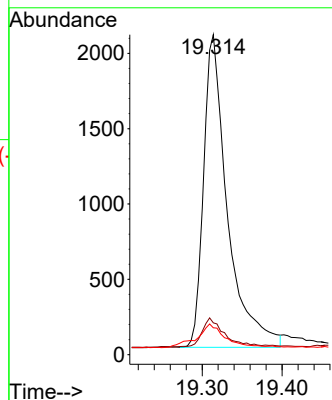
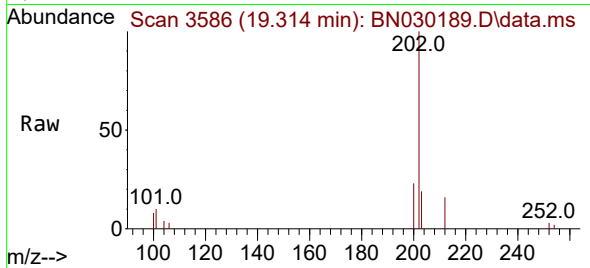




#19
Fluoranthene
Concen: 0.464 ng/ul
RT: 19.314 min Scan# 3586
Delta R.T. -0.001 min
Lab File: BN030189.D
Acq: 02 Mar 2024 20:31

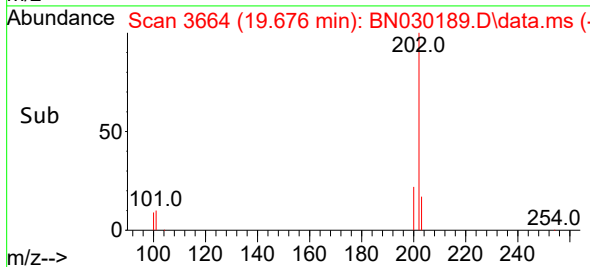
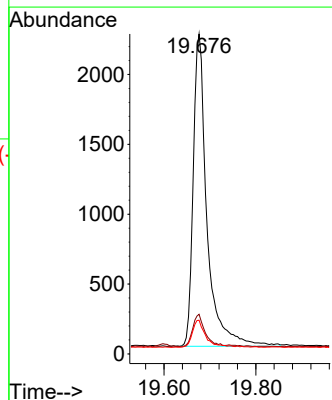
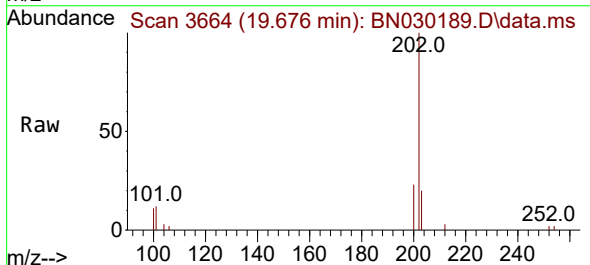
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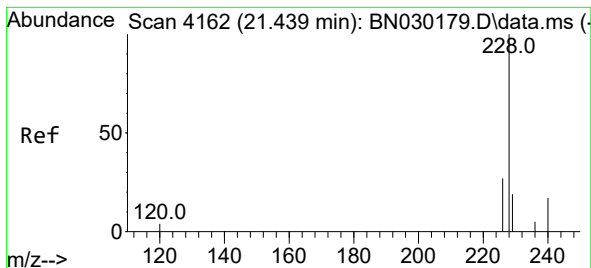
Tgt Ion:202 Resp: 4308
Ion Ratio Lower Upper
202 100
101 9.9 8.8 13.2
100 8.4 7.4 11.2



#20
Pyrene
Concen: 0.461 ng/ul
RT: 19.676 min Scan# 3664
Delta R.T. 0.004 min
Lab File: BN030189.D
Acq: 02 Mar 2024 20:31

Tgt Ion:202 Resp: 4651
Ion Ratio Lower Upper
202 100
101 12.4 10.6 15.8
100 10.5 8.8 13.2





#21

Benzo(a)anthracene

Concen: 0.444 ng/ul

RT: 21.438 min Scan# 41

Delta R.T. -0.001 min

Lab File: BN030189.D

Acq: 02 Mar 2024 20:31

Instrument :

BNA_N

ClientSampleId :

SSTD0.4352

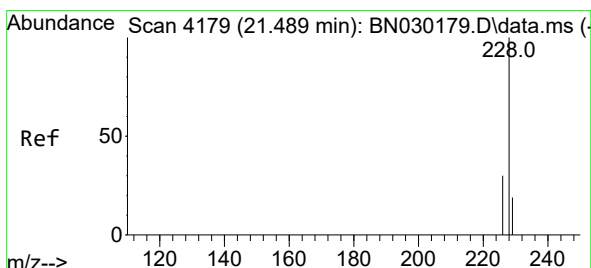
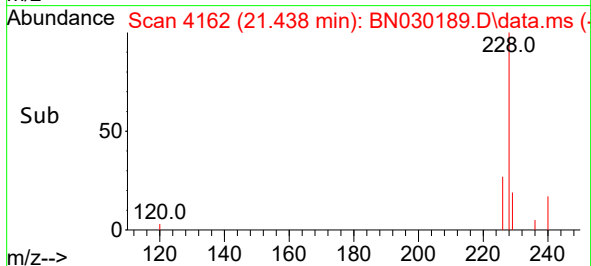
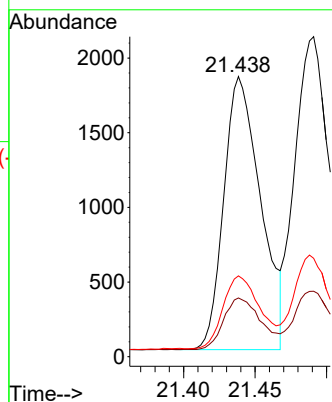
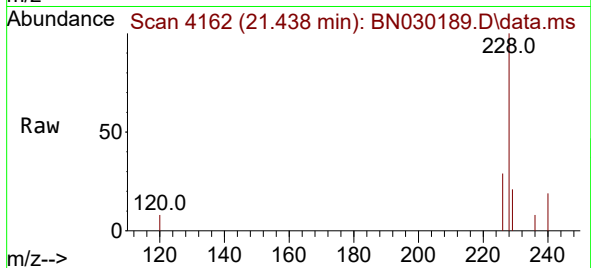
Tgt Ion:228 Resp: 3279

Ion Ratio Lower Upper

228 100

229 21.0 16.6 24.8

226 28.8 23.7 35.5



#22

Chrysene

Concen: 0.433 ng/ul

RT: 21.491 min Scan# 4180

Delta R.T. 0.002 min

Lab File: BN030189.D

Acq: 02 Mar 2024 20:31

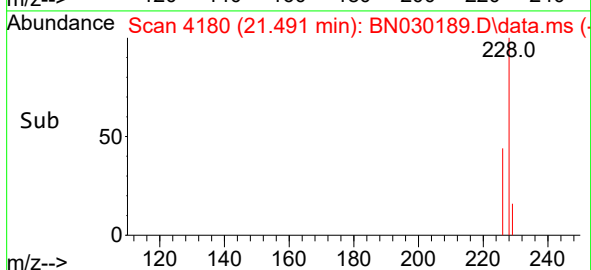
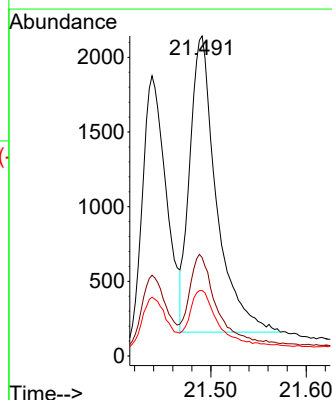
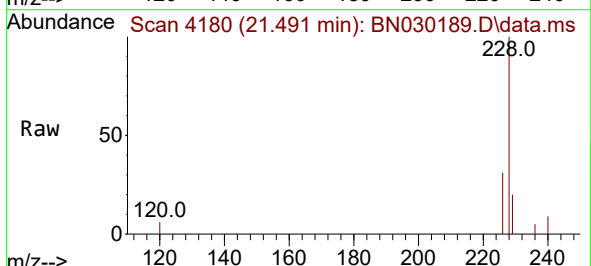
Tgt Ion:228 Resp: 3845

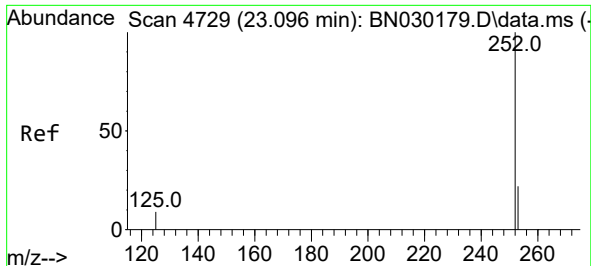
Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

229 20.4 16.6 24.8

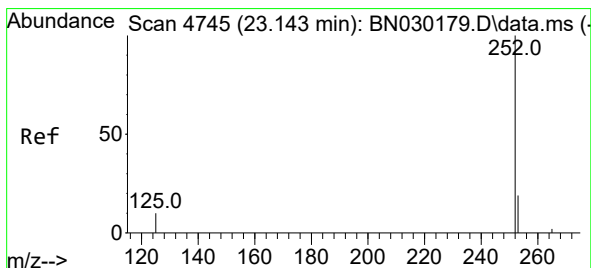
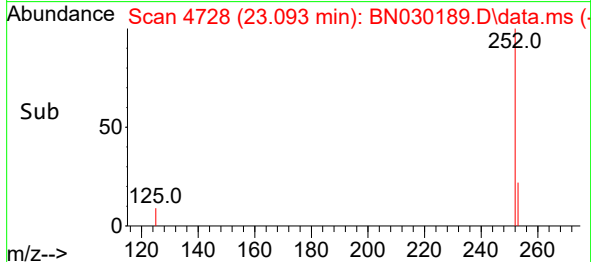
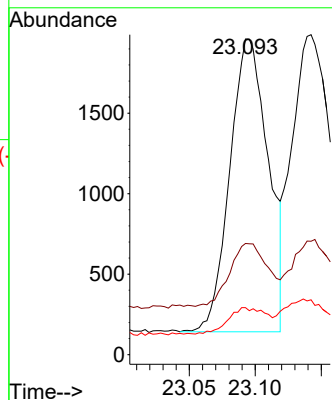
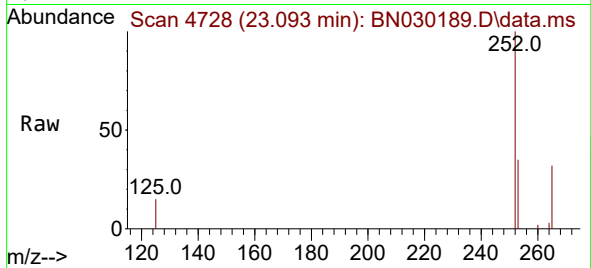




#24
Benzo(b)fluoranthene
Concen: 0.422 ng/ul
RT: 23.093 min Scan# 4729
Delta R.T. -0.004 min
Lab File: BN030189.D
Acq: 02 Mar 2024 20:31

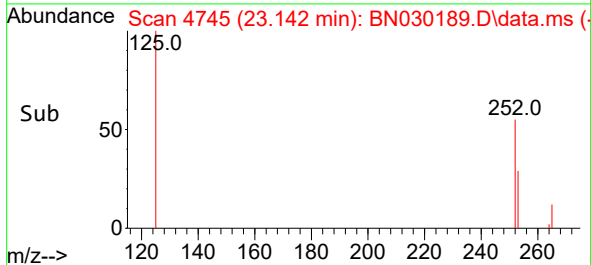
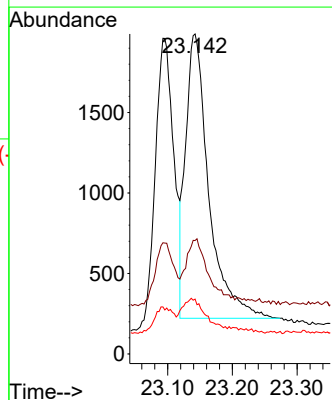
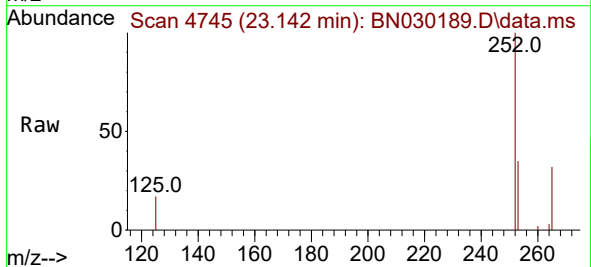
Instrument :
BNA_N
ClientSampleId :
SSTD0.4352

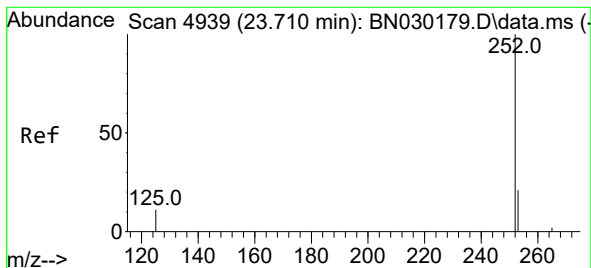
Tgt Ion:252	Resp:	3681
Ion Ratio	Lower	Upper
252	100	
253	35.2	0.0 69.4
125	14.9	0.0 32.8



#25
Benzo(k)fluoranthene
Concen: 0.428 ng/ul
RT: 23.142 min Scan# 4745
Delta R.T. -0.001 min
Lab File: BN030189.D
Acq: 02 Mar 2024 20:31

Tgt Ion:252	Resp:	4404
Ion Ratio	Lower	Upper
252	100	
253	35.5	28.0 42.0
125	17.2	14.4 21.6





#26

Benzo(a)pyrene

Concen: 0.430 ng/ul

RT: 23.709 min Scan# 4939

Delta R.T. -0.001 min

Lab File: BN030189.D

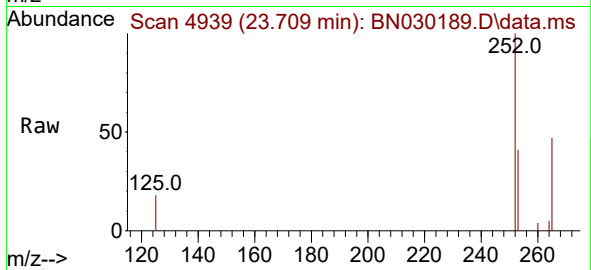
Acq: 02 Mar 2024 20:31

Instrument :

BNA_N

ClientSampleId :

SSTD0.4352



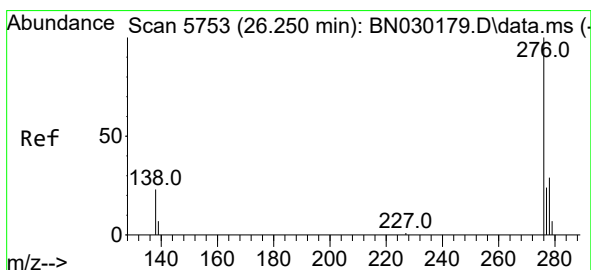
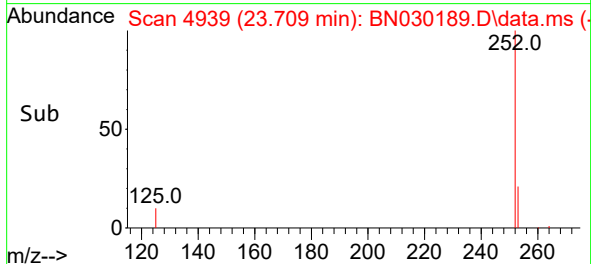
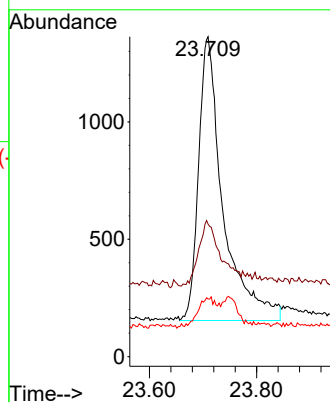
Tgt Ion:252 Resp: 3822

Ion Ratio Lower Upper

252 100

253 41.5 33.0 49.4

125 18.0 16.9 25.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.429 ng/ul

RT: 26.249 min Scan# 5753

Delta R.T. -0.001 min

Lab File: BN030189.D

Acq: 02 Mar 2024 20:31

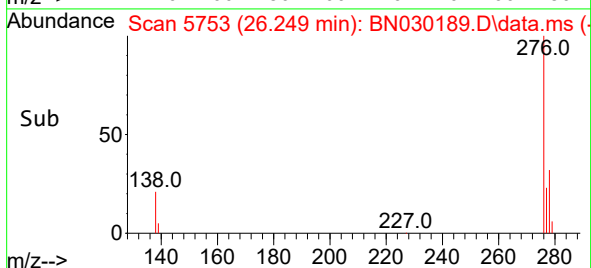
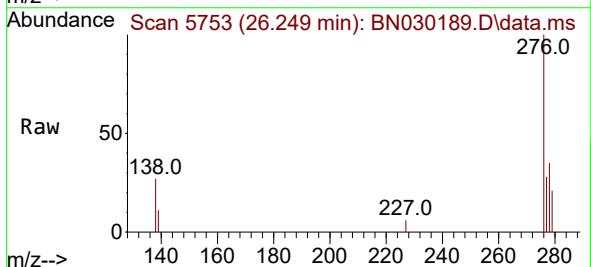
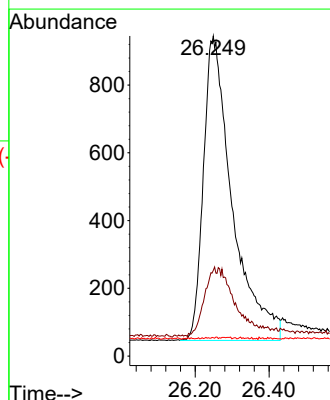
Tgt Ion:276 Resp: 4869

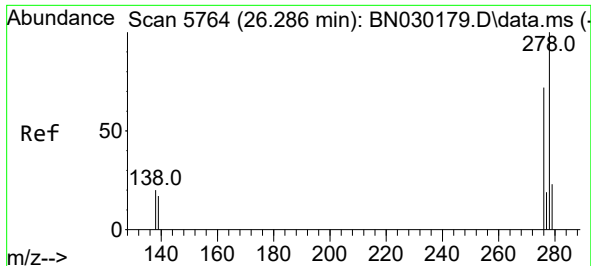
Ion Ratio Lower Upper

276 100

138 23.9 20.9 31.3

227 0.1 0.1 0.1#

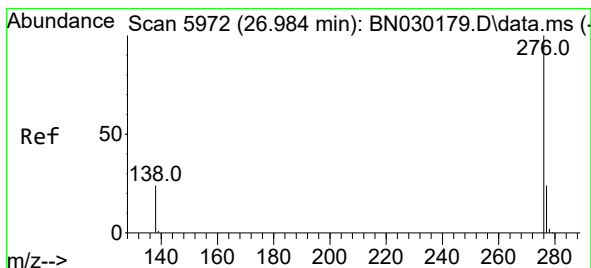
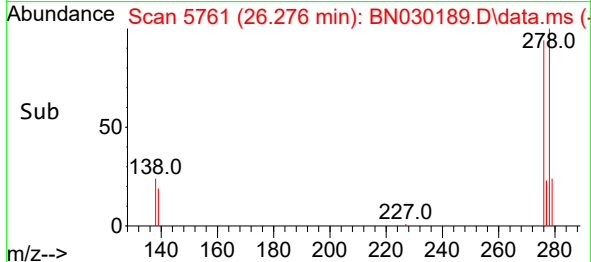
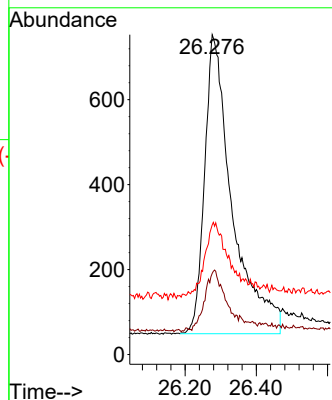
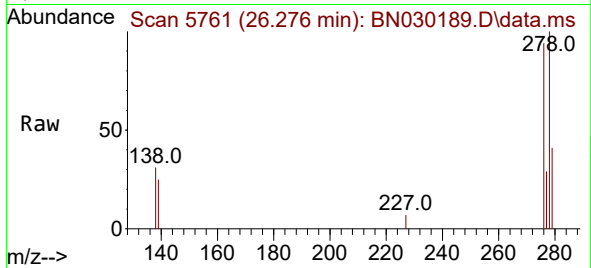




#28
Dibenzo(a,h)anthracene
Concen: 0.431 ng/ul
RT: 26.276 min Scan# 51
Delta R.T. -0.011 min
Lab File: BN030189.D
Acq: 02 Mar 2024 20:31

Instrument :
BNA_N
ClientSampleId :
SSTD0.4352

Tgt Ion:278 Resp: 3786
Ion Ratio Lower Upper
278 100
139 25.4 18.9 28.3
279 40.5 31.8 47.6



#29
Benzo(g,h,i)perylene
Concen: 0.417 ng/ul
RT: 26.987 min Scan# 5973
Delta R.T. 0.003 min
Lab File: BN030189.D
Acq: 02 Mar 2024 20:31

Tgt Ion:276 Resp: 4387
Ion Ratio Lower Upper
276 100
138 26.2 22.6 33.8
277 27.3 21.9 32.9

