

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
 Data File : BN028564.D
 Acq On : 10 Nov 2023 19:09
 Operator : MA/JU
 Sample : PB156722BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS722

Quant Time: Nov 10 23:28:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:30:32 2023
 Response via : Initial Calibration

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

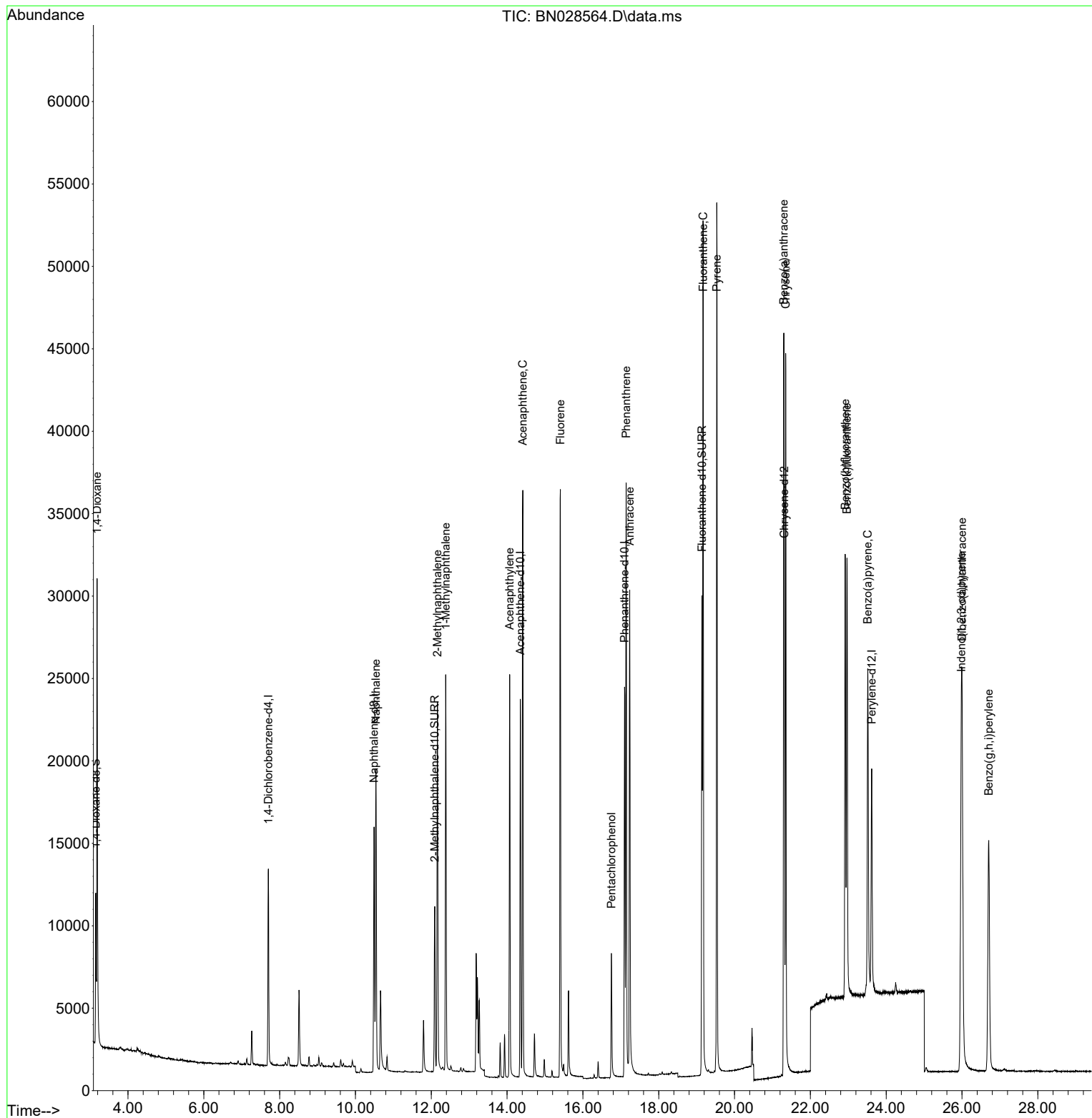
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	6398	0.400	ng/ul	0.00
4) Naphthalene-d8	10.491	136	20378	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.349	164	12597	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188	28561	0.400	ng/ul	0.00
17) Chrysene-d12	21.314	240	20048	0.400	ng/ul	0.00
23) Perylene-d12	23.617	264	18333	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	5905	0.835	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	13371	0.436	ng/ul	0.00
18) Fluoranthene-d10	19.141	212	33066	0.513	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.184	88	18344	2.347	ng/ul#	78
5) Naphthalene	10.540	128	24974	0.437	ng/ul	100
7) 2-Methylnaphthalene	12.162	142	16595	0.441	ng/ul	99
8) 1-Methylnaphthalene	12.382	142	16502	0.432	ng/ul	99
10) Acenaphthylene	14.067	152	27704	0.441	ng/ul	99
11) Acenaphthene	14.414	153	20361	0.440	ng/ul	99
12) Fluorene	15.404	166	23580	0.438	ng/ul	100
14) Pentachlorophenol	16.752	266	5319	0.776	ng/ul	99
15) Phenanthrene	17.141	178	38811	0.442	ng/ul	99
16) Anthracene	17.234	178	34585	0.430	ng/ul	100
19) Fluoranthene	19.169	202	44042	0.517	ng/ul	99
20) Pyrene	19.532	202	45458	0.514	ng/ul	98
21) Benzo(a)anthracene	21.296	228	36588	0.462	ng/ul	99
22) Chrysene	21.349	228	36845	0.475	ng/ul	99
24) Benzo(b)fluoranthene	22.918	252	33231	0.483	ng/ul	98
25) Benzo(k)fluoranthene	22.965	252	35907	0.498	ng/ul	98
26) Benzo(a)pyrene	23.514	252	30551	0.470	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.978	276	36253	0.503	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.002	278	29085	0.505	ng/ul	100
29) Benzo(g,h,i)perylene	26.706	276	30186	0.511	ng/ul	100

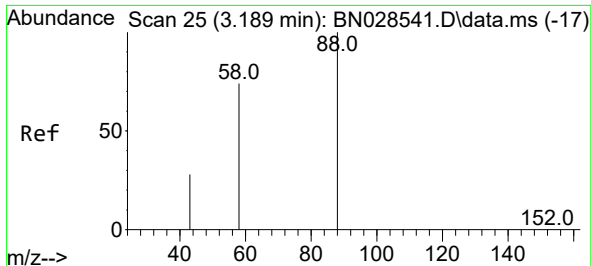
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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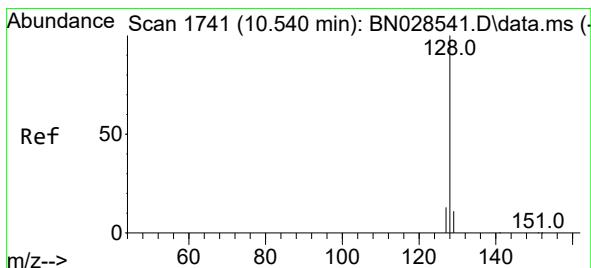
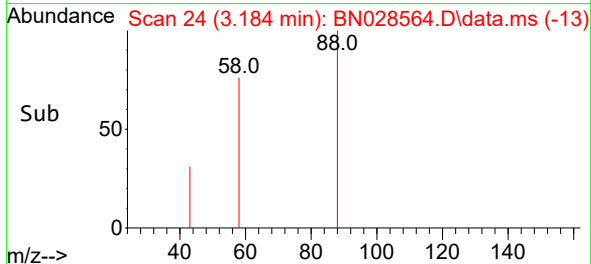
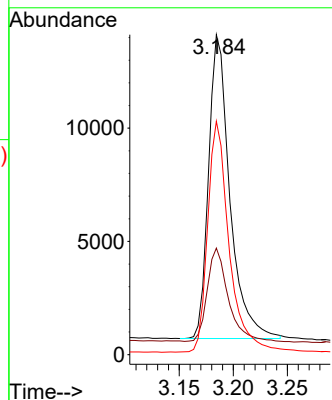
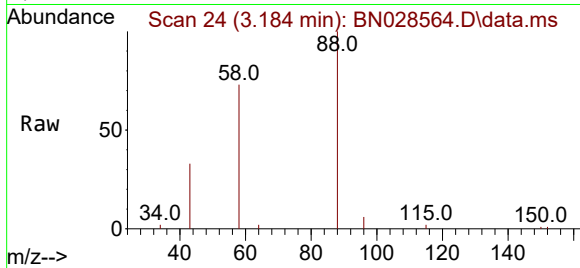




#2
1,4-Dioxane
Concen: 2.347 ng/ul
RT: 3.184 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN028564.D
Acq: 10 Nov 2023 19:09

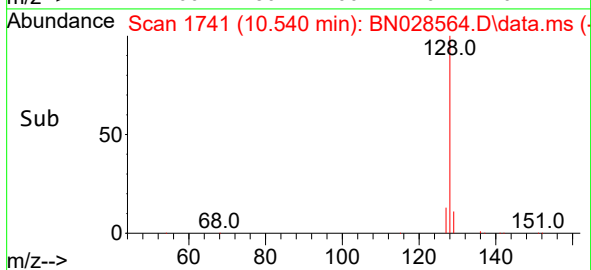
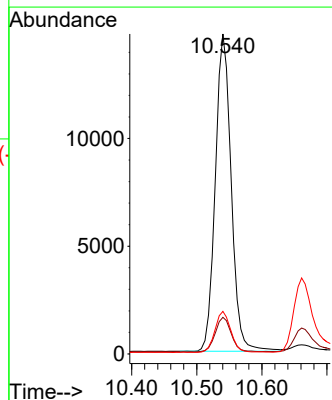
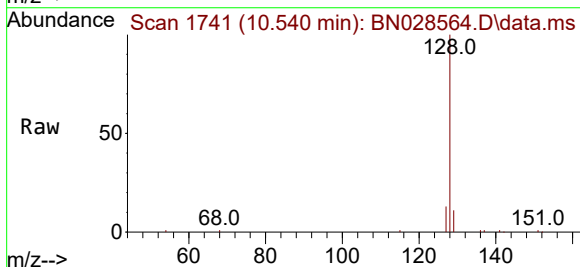
Instrument :
BNA_N
ClientSampleId :
SLCS722

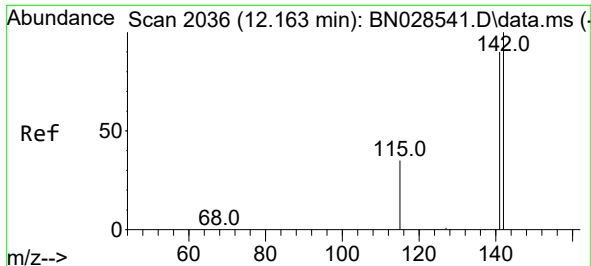
Tgt Ion: 88 Resp: 18344
Ion Ratio Lower Upper
88 100
43 33.3 32.9 49.3
58 72.9 41.8 62.8#



#5
Naphthalene
Concen: 0.437 ng/ul
RT: 10.540 min Scan# 1741
Delta R.T. -0.004 min
Lab File: BN028564.D
Acq: 10 Nov 2023 19:09

Tgt Ion:128 Resp: 24974
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.3 10.7 16.1

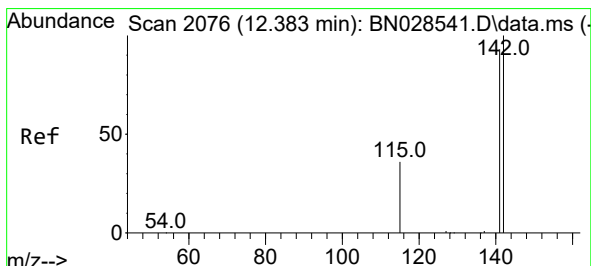
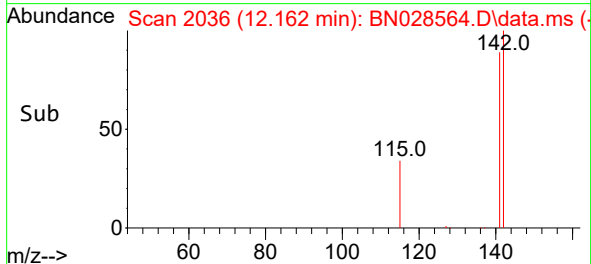
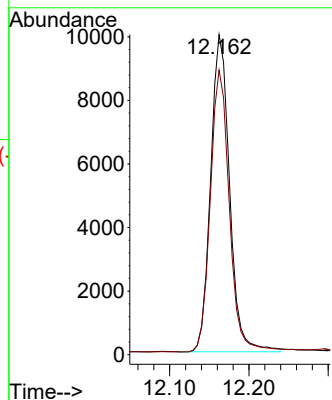
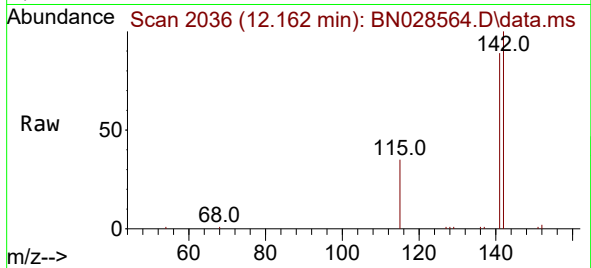




#7
2-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.004 min
Lab File: BN028564.D
Acq: 10 Nov 2023 19:09

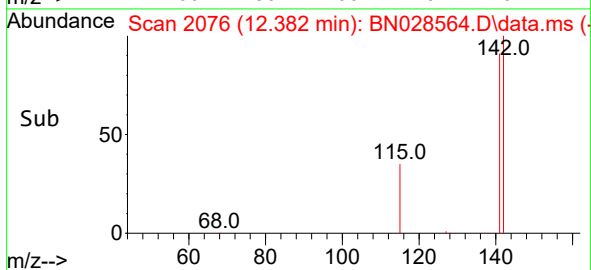
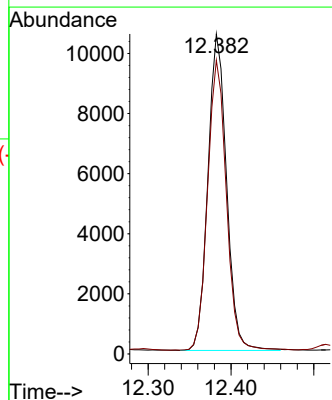
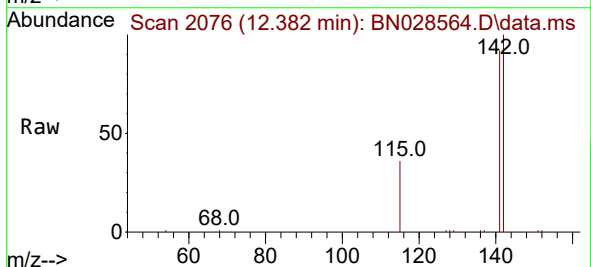
Instrument :
BNA_N
ClientSampleId :
SLCS722

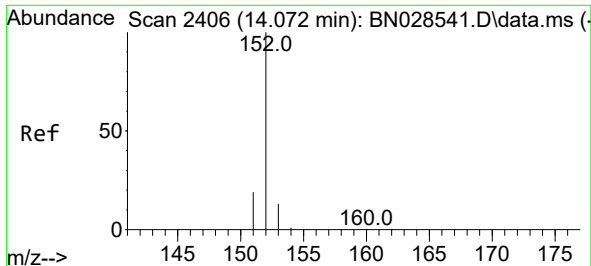
Tgt Ion:142 Resp: 16595
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.432 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.004 min
Lab File: BN028564.D
Acq: 10 Nov 2023 19:09

Tgt Ion:142 Resp: 16502
Ion Ratio Lower Upper
142 100
141 91.7 74.1 111.1

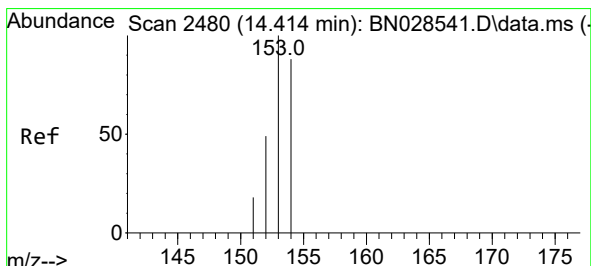
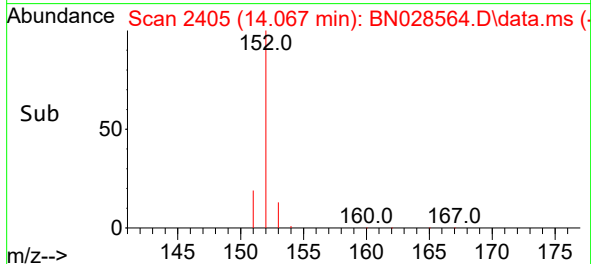
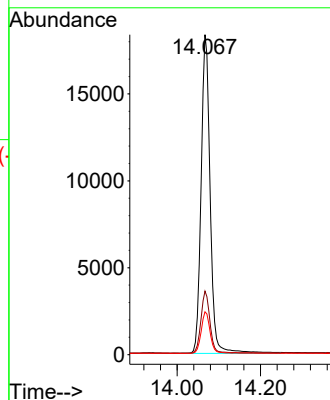
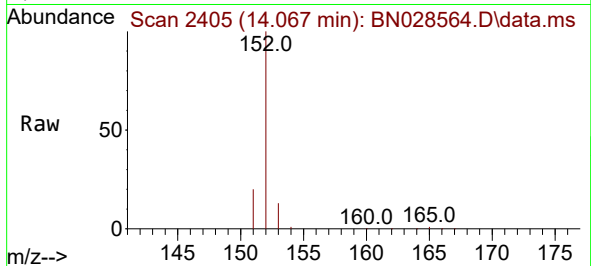




#10
Acenaphthylene
Concen: 0.441 ng/ul
RT: 14.067 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BN028564.D
Acq: 10 Nov 2023 19:09

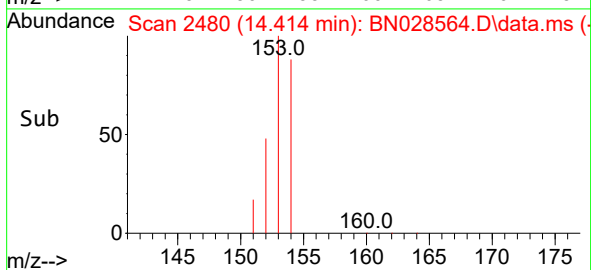
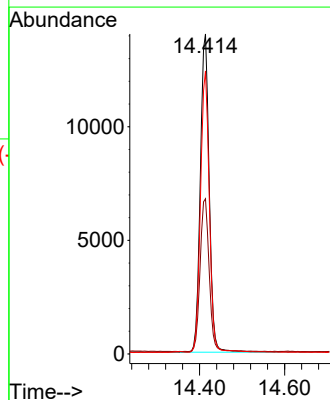
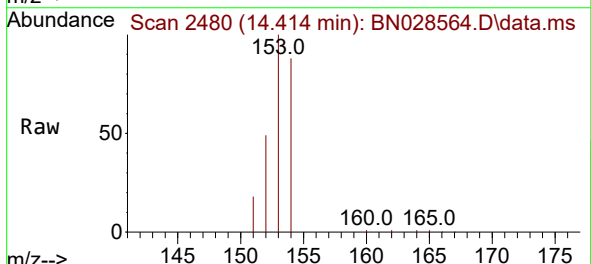
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BNA_N
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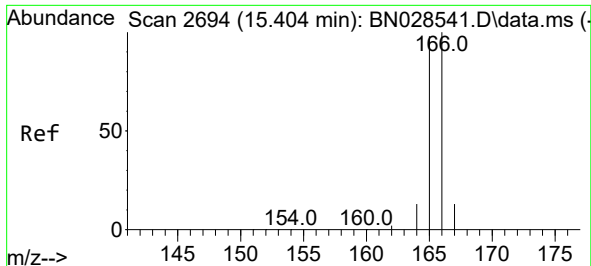
Tgt Ion:152 Resp: 27704
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.4 10.6 15.8



#11
Acenaphthene
Concen: 0.440 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.004 min
Lab File: BN028564.D
Acq: 10 Nov 2023 19:09

Tgt Ion:153 Resp: 20361
Ion Ratio Lower Upper
153 100
152 48.5 39.6 59.4
154 88.4 71.0 106.6

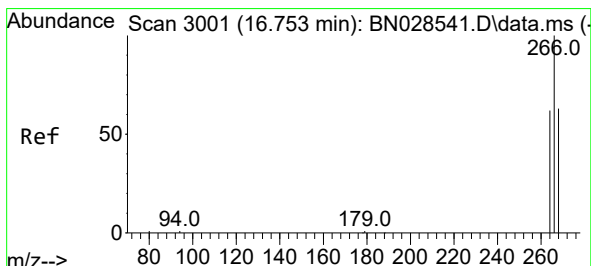
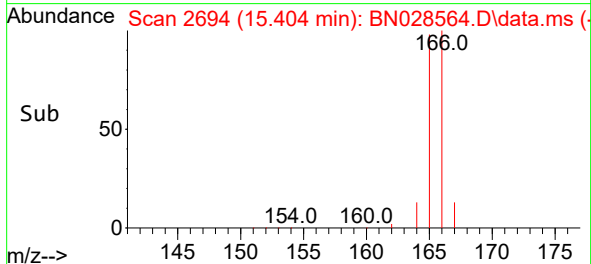
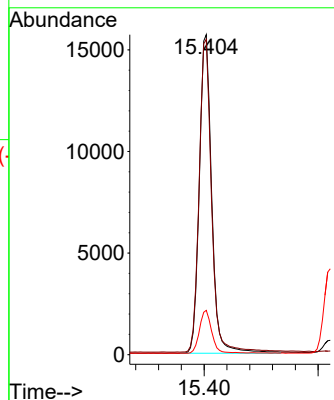
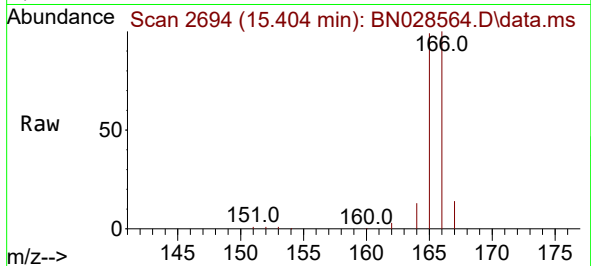




#12
Fluorene
Concen: 0.438 ng/ul
RT: 15.404 min Scan# 2694
Delta R.T. -0.004 min
Lab File: BN028564.D
Acq: 10 Nov 2023 19:09

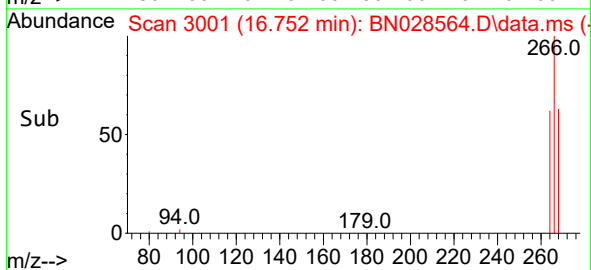
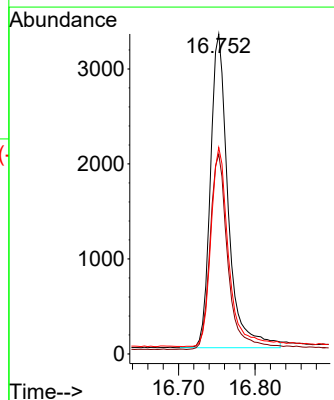
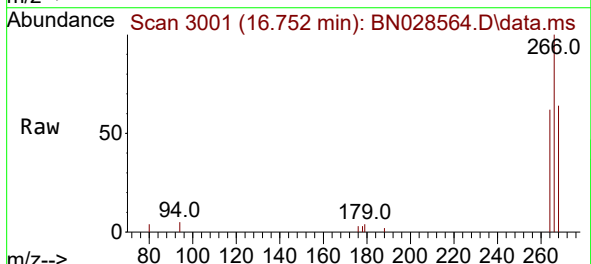
Instrument :
BNA_N
ClientSampleId :
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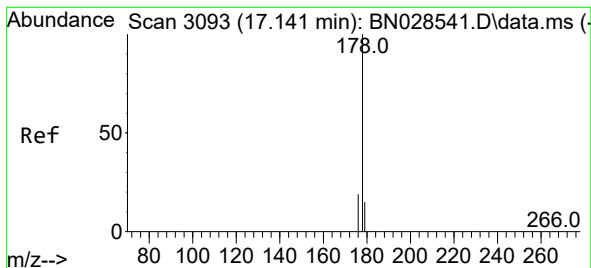
Tgt Ion:166 Resp: 23580
Ion Ratio Lower Upper
166 100
165 98.5 78.6 118.0
167 13.8 11.0 16.6



#14
Pentachlorophenol
Concen: 0.776 ng/ul
RT: 16.752 min Scan# 3001
Delta R.T. -0.003 min
Lab File: BN028564.D
Acq: 10 Nov 2023 19:09

Tgt Ion:266 Resp: 5319
Ion Ratio Lower Upper
266 100
264 62.8 50.1 75.1
268 63.8 50.6 75.8





#15

Phenanthrene

Concen: 0.442 ng/ul

RT: 17.141 min Scan# 3093

Delta R.T. -0.003 min

Lab File: BN028564.D

Acq: 10 Nov 2023 19:09

Instrument :

BNA_N

ClientSampleId :

SLCS722

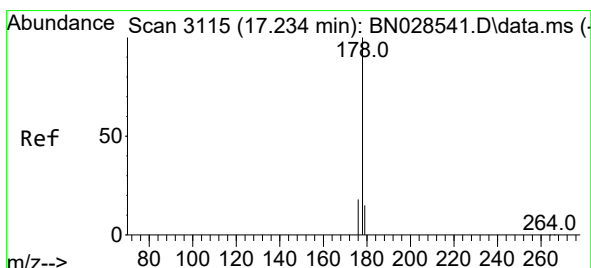
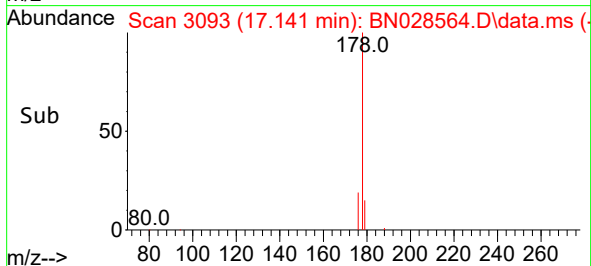
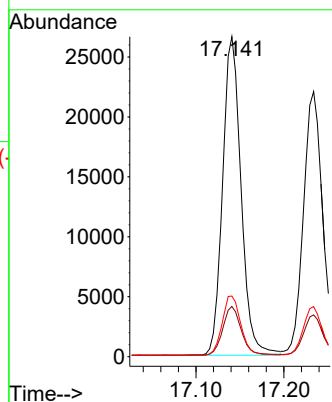
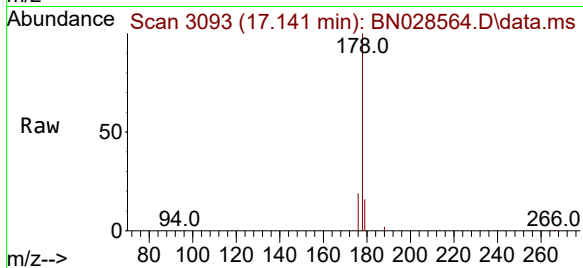
Tgt Ion:178 Resp: 38811

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 18.9 15.4 23.2



#16

Anthracene

Concen: 0.430 ng/ul

RT: 17.234 min Scan# 3115

Delta R.T. -0.003 min

Lab File: BN028564.D

Acq: 10 Nov 2023 19:09

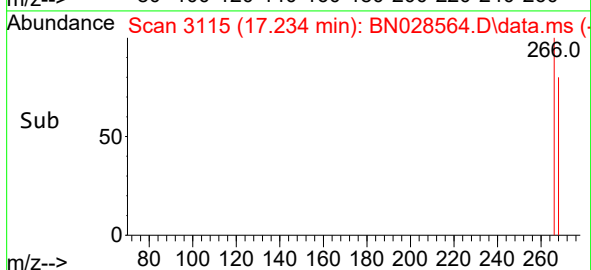
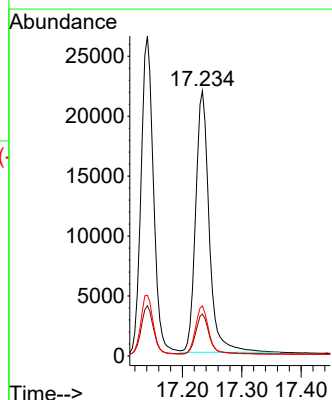
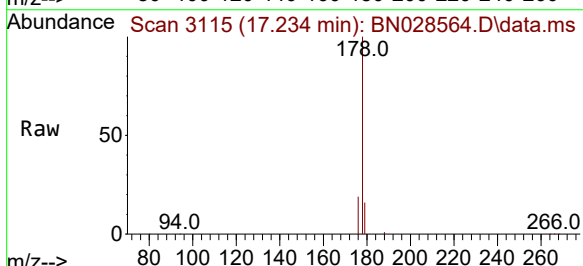
Tgt Ion:178 Resp: 34585

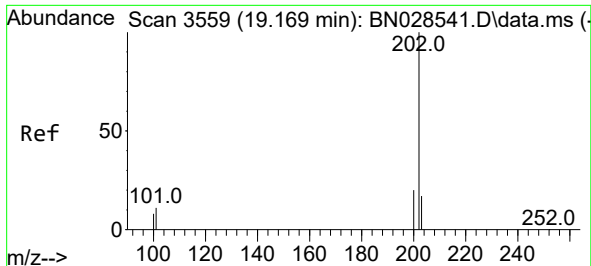
Ion Ratio Lower Upper

178 100

179 15.7 12.6 18.8

176 18.9 14.9 22.3

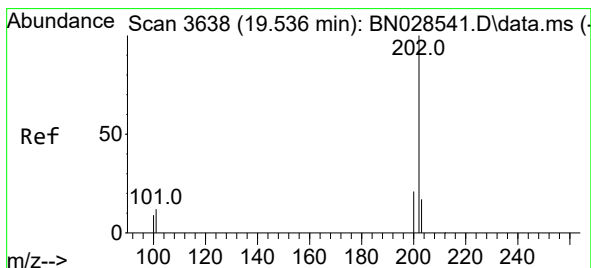
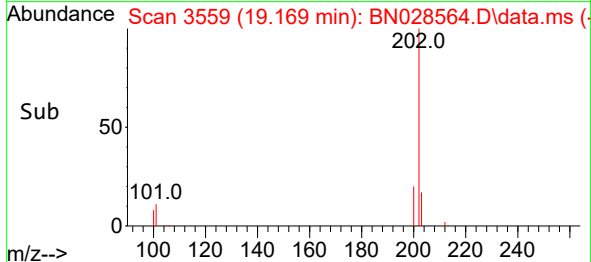
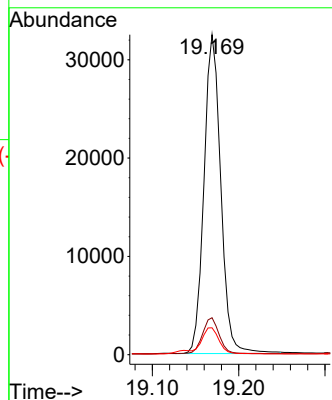
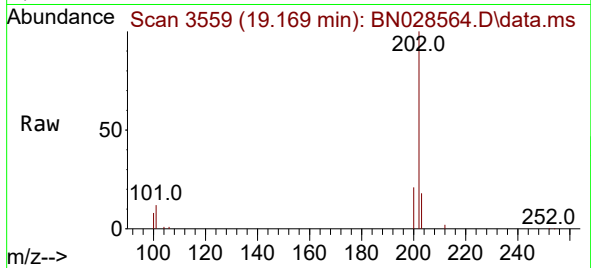




#19
Fluoranthene
Concen: 0.517 ng/ul
RT: 19.169 min Scan# 3559
Delta R.T. -0.003 min
Lab File: BN028564.D
Acq: 10 Nov 2023 19:09

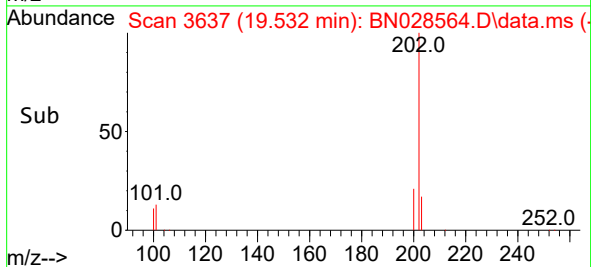
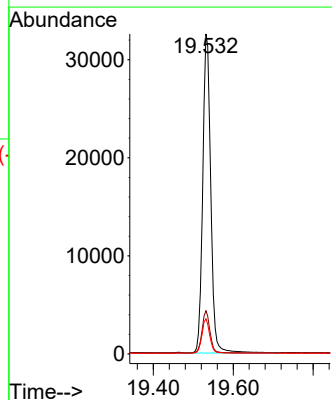
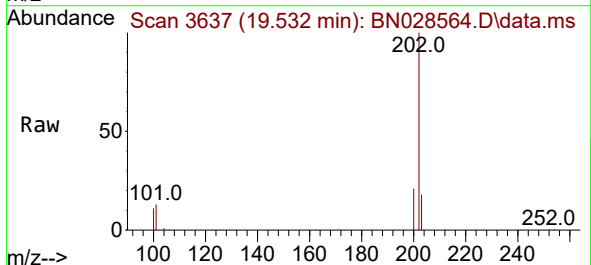
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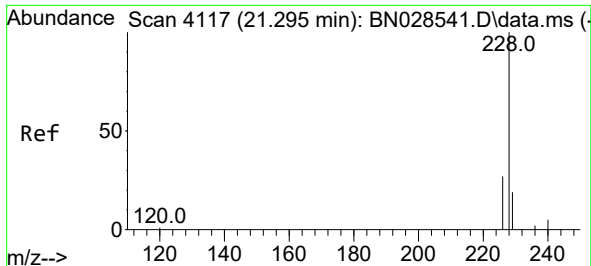
Tgt Ion:202 Resp: 44042
Ion Ratio Lower Upper
202 100
101 11.5 9.5 14.3
100 8.4 7.2 10.8



#20
Pyrene
Concen: 0.514 ng/ul
RT: 19.532 min Scan# 3637
Delta R.T. -0.008 min
Lab File: BN028564.D
Acq: 10 Nov 2023 19:09

Tgt Ion:202 Resp: 45458
Ion Ratio Lower Upper
202 100
101 13.5 10.3 15.5
100 11.0 8.2 12.2

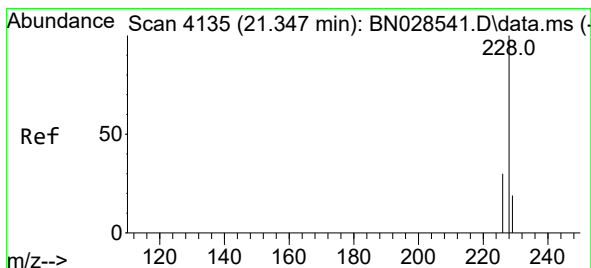
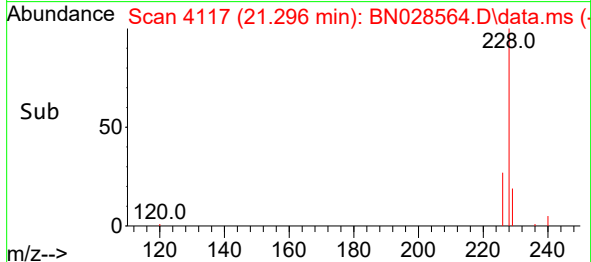
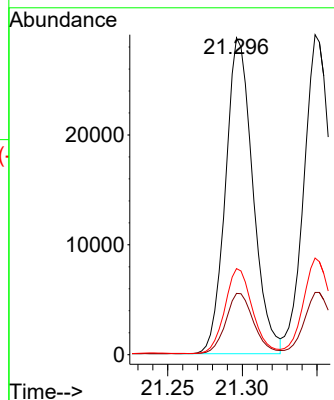
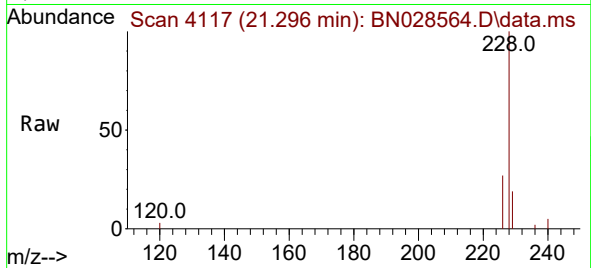




#21
Benzo(a)anthracene
Concen: 0.462 ng/ul
RT: 21.296 min Scan# 4117
Delta R.T. -0.007 min
Lab File: BN028564.D
Acq: 10 Nov 2023 19:09

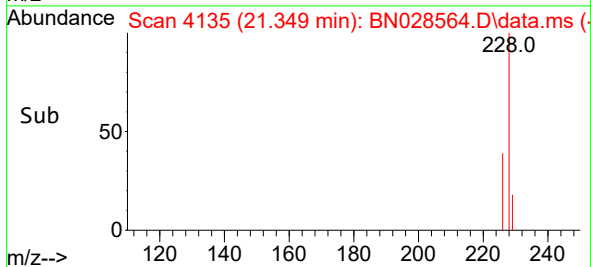
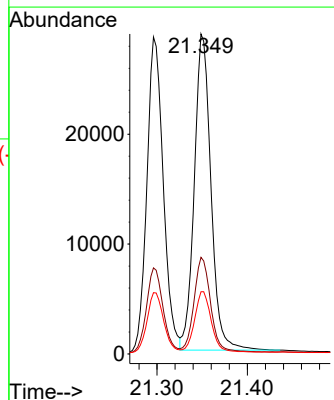
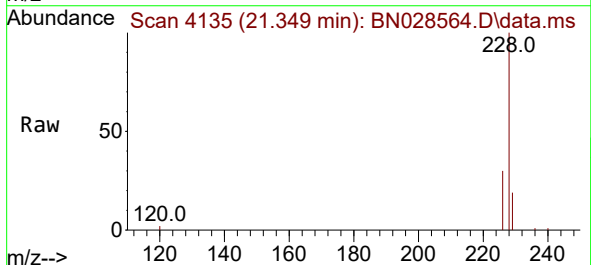
Instrument :
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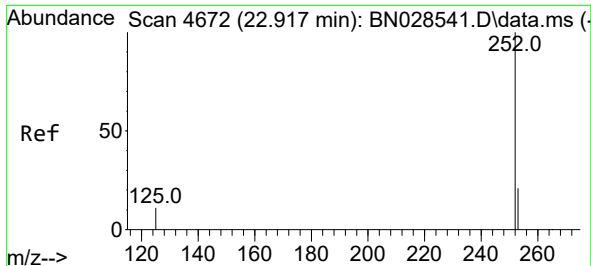
Tgt Ion:228 Resp: 36588
Ion Ratio Lower Upper
228 100
229 19.3 15.7 23.5
226 27.1 21.4 32.0



#22
Chrysene
Concen: 0.475 ng/ul
RT: 21.349 min Scan# 4135
Delta R.T. -0.007 min
Lab File: BN028564.D
Acq: 10 Nov 2023 19:09

Tgt Ion:228 Resp: 36845
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.8
229 19.4 15.4 23.2

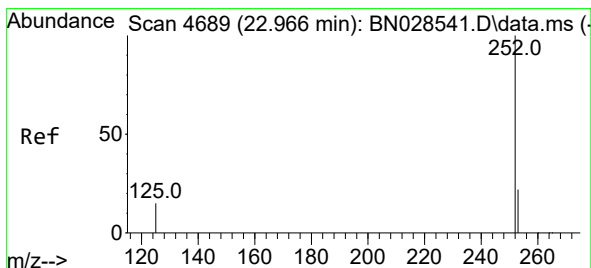
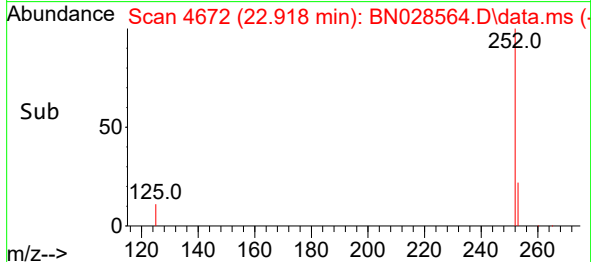
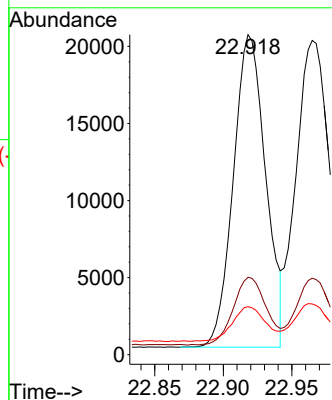
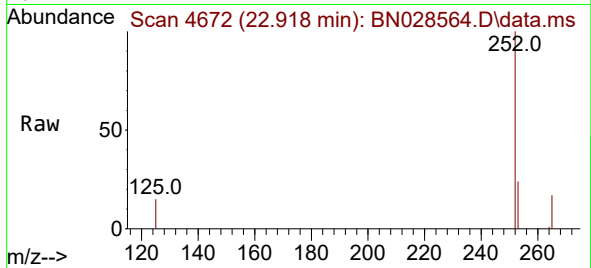




#24
Benzo(b)fluoranthene
Concen: 0.483 ng/ul
RT: 22.918 min Scan# 4672
Delta R.T. -0.010 min
Lab File: BN028564.D
Acq: 10 Nov 2023 19:09

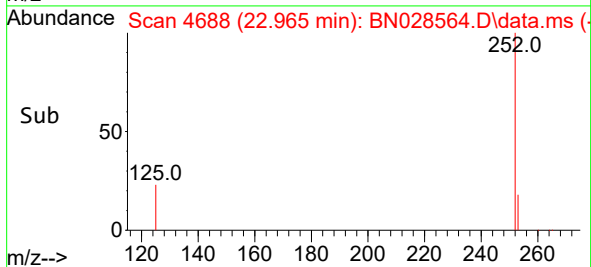
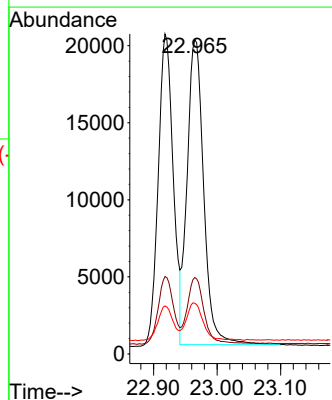
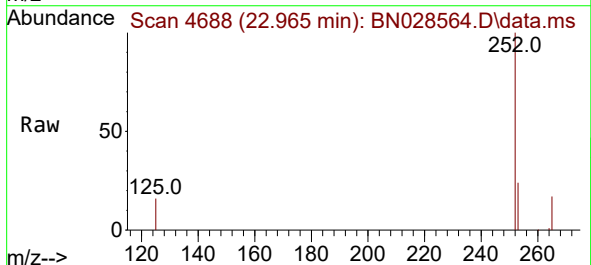
Instrument :
BNA_N
ClientSampleId :
SLCS722

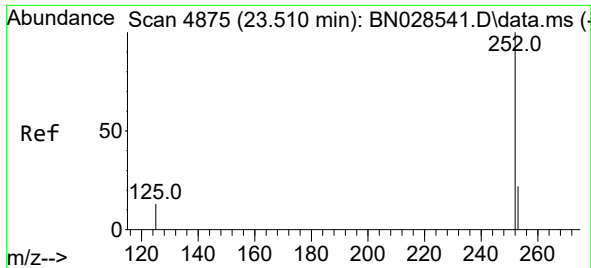
Tgt Ion:252 Resp: 33231
Ion Ratio Lower Upper
252 100
253 24.2 0.0 46.6
125 15.0 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.498 ng/ul
RT: 22.965 min Scan# 4688
Delta R.T. -0.010 min
Lab File: BN028564.D
Acq: 10 Nov 2023 19:09

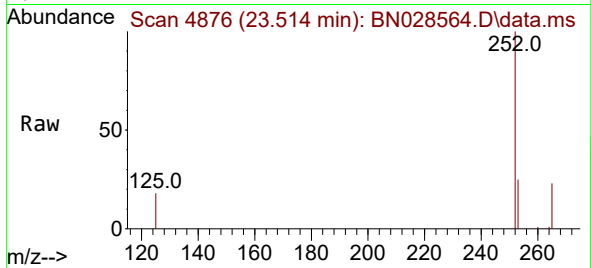
Tgt Ion:252 Resp: 35907
Ion Ratio Lower Upper
252 100
253 24.4 18.6 28.0
125 16.1 12.7 19.1



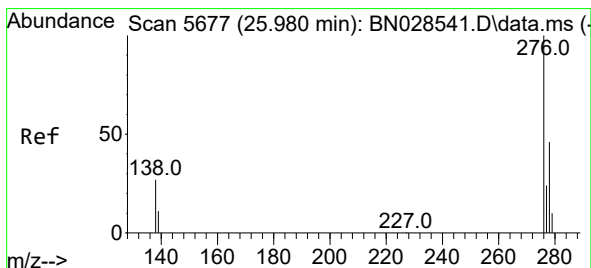
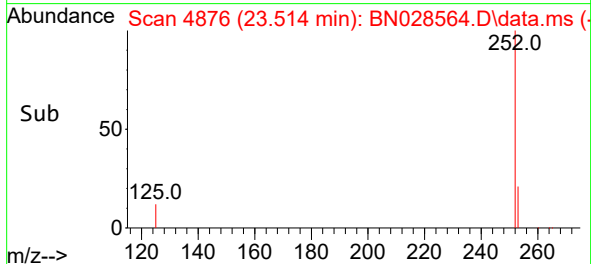
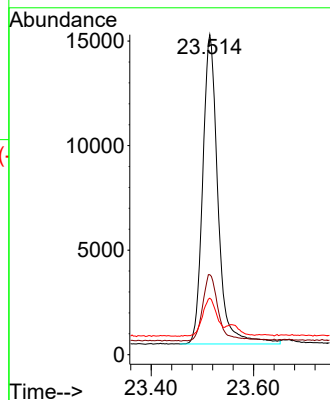


#26
Benzo(a)pyrene
Concen: 0.470 ng/ul
RT: 23.514 min Scan# 4876
Delta R.T. -0.010 min
Lab File: BN028564.D
Acq: 10 Nov 2023 19:09

Instrument :
BNA_N
ClientSampleId :
SLCS722

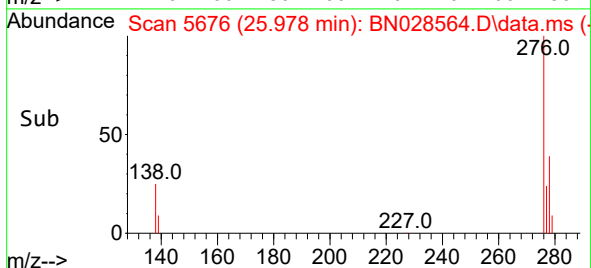
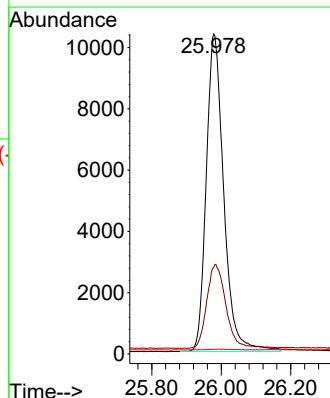
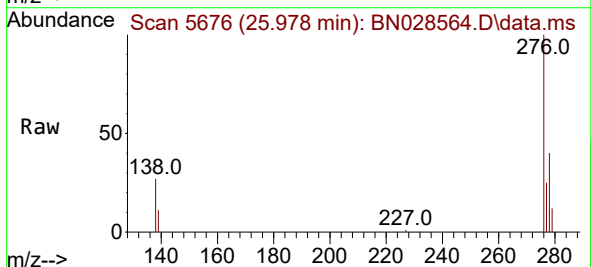


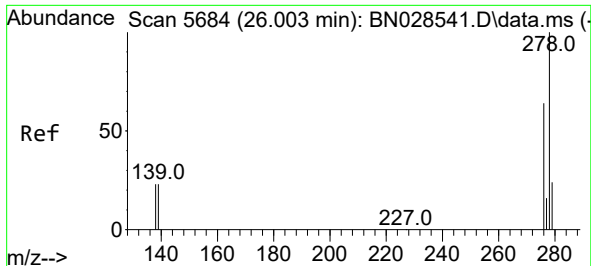
Tgt Ion:252 Resp: 30551
Ion Ratio Lower Upper
252 100
253 25.0 19.0 28.6
125 17.7 13.2 19.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.503 ng/ul
RT: 25.978 min Scan# 5676
Delta R.T. -0.015 min
Lab File: BN028564.D
Acq: 10 Nov 2023 19:09

Tgt Ion:276 Resp: 36253
Ion Ratio Lower Upper
276 100
138 29.0 23.8 35.6
227 0.3 0.1 0.1#

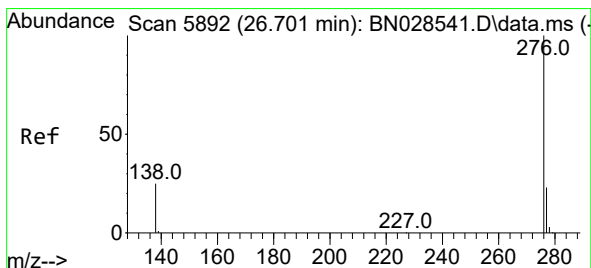
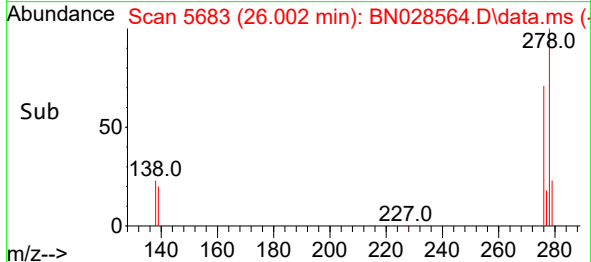
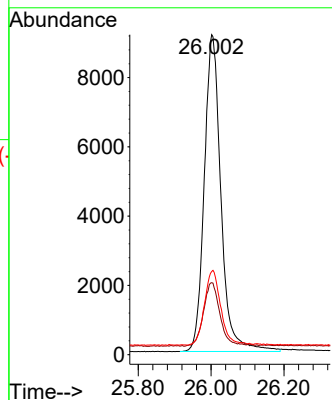
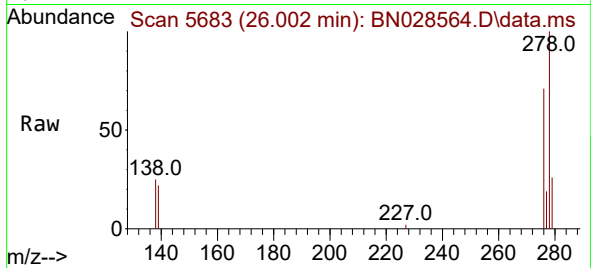




#28
 Dibenzo(a,h)anthracene
 Concen: 0.505 ng/ul
 RT: 26.002 min Scan# 5683
 Delta R.T. -0.015 min
 Lab File: BN028564.D
 Acq: 10 Nov 2023 19:09

Instrument :
 BNA_N
 ClientSampleId :
 SLCS722

Tgt Ion:278 Resp: 29085
 Ion Ratio Lower Upper
 278 100
 139 22.5 18.2 27.4
 279 26.0 20.7 31.1



#29
 Benzo(g,h,i)perylene
 Concen: 0.511 ng/ul
 RT: 26.706 min Scan# 5893
 Delta R.T. -0.012 min
 Lab File: BN028564.D
 Acq: 10 Nov 2023 19:09

Tgt Ion:276 Resp: 30186
 Ion Ratio Lower Upper
 276 100
 138 26.0 20.5 30.7
 277 24.3 19.4 29.0

