

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
 Data File : BN028568.D
 Acq On : 10 Nov 2023 21:33
 Operator : MA/JU
 Sample : PB156782BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS782

Quant Time: Nov 10 23:29:21 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)

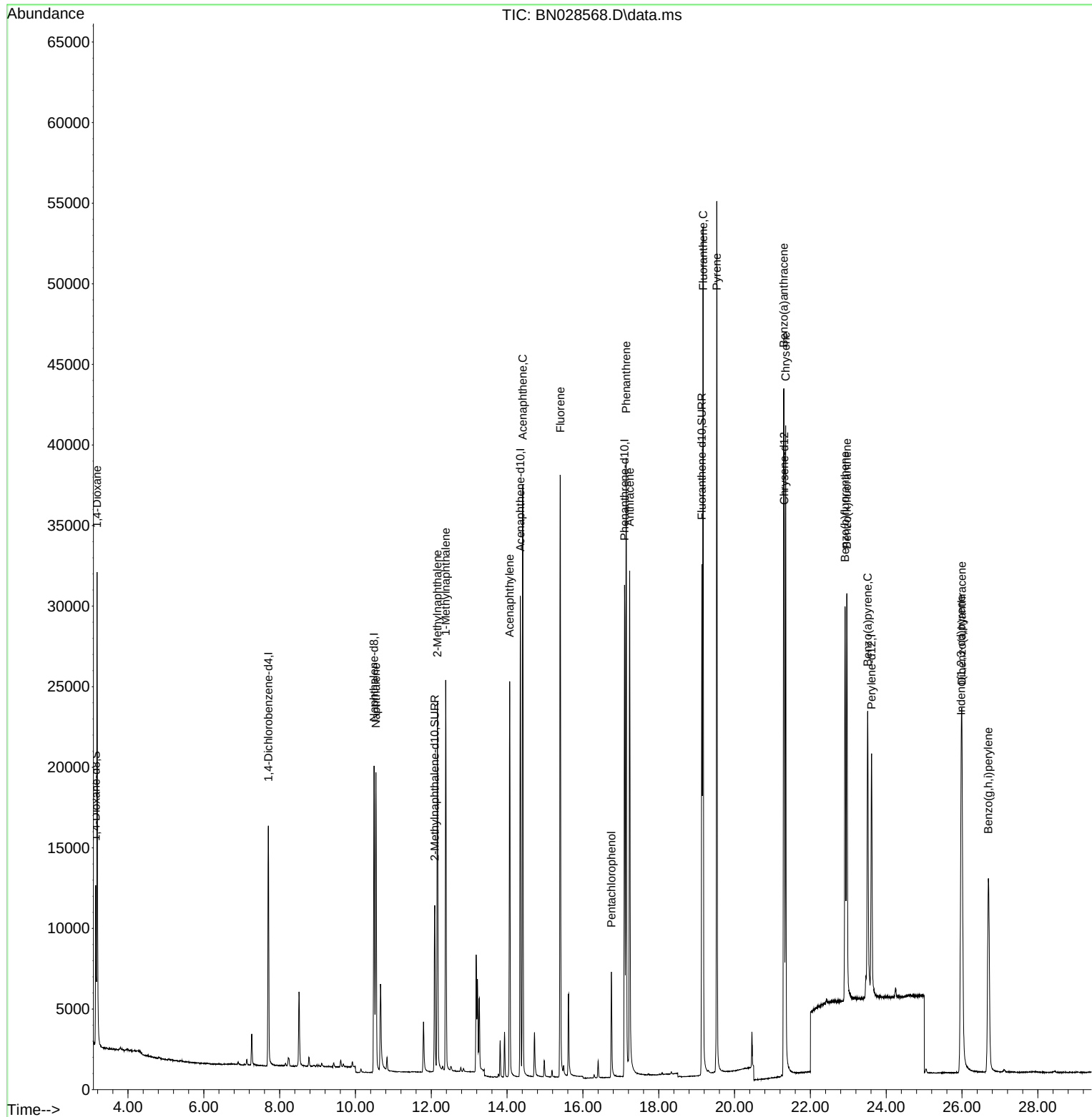
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	8037	0.400	ng/ul	0.00
4) Naphthalene-d8	10.491	136	26102	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.349	164	16262	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188	35987	0.400	ng/ul	0.00
17) Chrysene-d12	21.311	240	22750	0.400	ng/ul	0.00
23) Perylene-d12	23.614	264	20544	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	6155	0.693	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	13984	0.356	ng/ul	0.00
18) Fluoranthene-d10	19.137	212	34414	0.470	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.184	88	18591	1.894	ng/ul#	77
5) Naphthalene	10.540	128	25133	0.344	ng/ul	100
7) 2-Methylnaphthalene	12.163	142	16690	0.346	ng/ul	100
8) 1-Methylnaphthalene	12.383	142	16536	0.338	ng/ul	100
10) Acenaphthylene	14.067	152	28422	0.350	ng/ul	100
11) Acenaphthene	14.414	153	20997	0.352	ng/ul	100
12) Fluorene	15.404	166	24590	0.354	ng/ul	99
14) Pentachlorophenol	16.753	266	4716	0.546	ng/ul	99
15) Phenanthrene	17.141	178	40695	0.368	ng/ul	100
16) Anthracene	17.234	178	35645	0.352	ng/ul	100
19) Fluoranthene	19.169	202	44626	0.461	ng/ul	98
20) Pyrene	19.532	202	45328	0.452	ng/ul	99
21) Benzo(a)anthracene	21.296	228	33820	0.376	ng/ul	99
22) Chrysene	21.349	228	34704	0.395	ng/ul	100
24) Benzo(b)fluoranthene	22.915	252	30650	0.397	ng/ul	97
25) Benzo(k)fluoranthene	22.962	252	33229	0.412	ng/ul	98
26) Benzo(a)pyrene	23.512	252	28162	0.387	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.975	276	33219	0.411	ng/ul#	45
28) Dibenzo(a,h)anthracene	25.998	278	26642	0.413	ng/ul	100
29) Benzo(g,h,i)perylene	26.696	276	27744	0.419	ng/ul	98

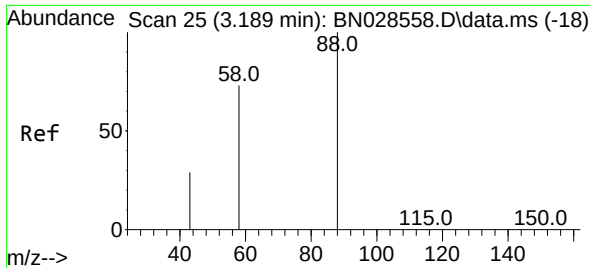
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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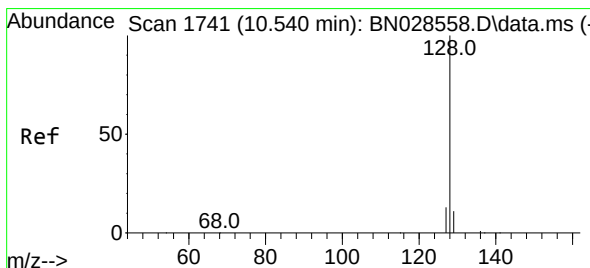
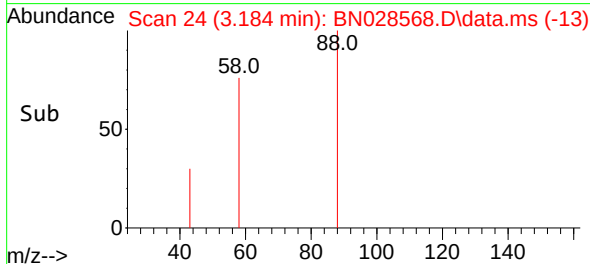
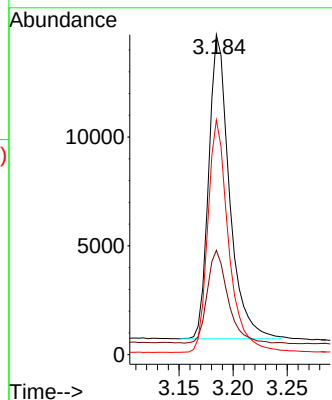
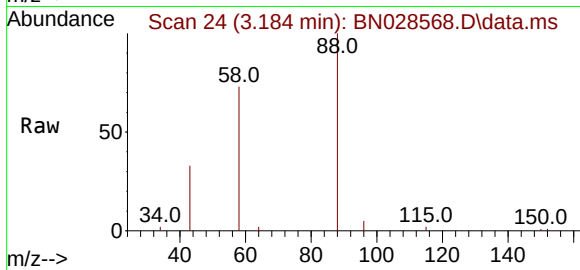




#2
1,4-Dioxane
Concen: 1.894 ng/ul
RT: 3.184 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN028568.D
Acq: 10 Nov 2023 21:33

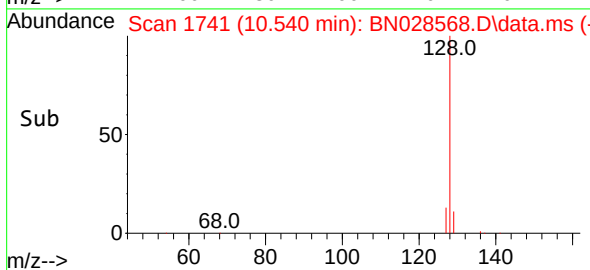
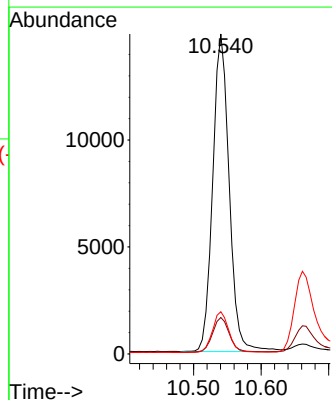
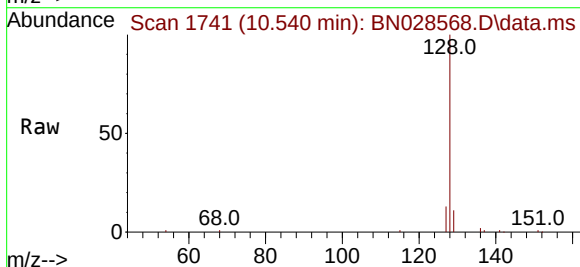
Instrument :
BNA_N
ClientSampleId :
SLCS782

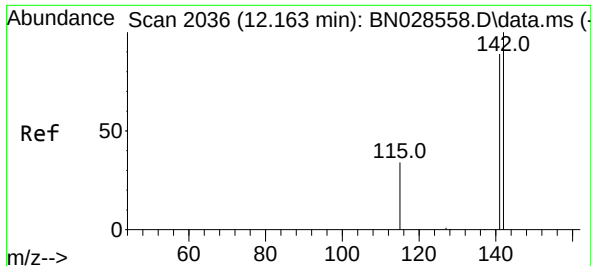
Tgt Ion: 88 Resp: 18591
Ion Ratio Lower Upper
88 100
43 32.6 32.9 49.3#
58 73.4 41.8 62.8#



#5
Naphthalene
Concen: 0.344 ng/ul
RT: 10.540 min Scan# 1741
Delta R.T. -0.004 min
Lab File: BN028568.D
Acq: 10 Nov 2023 21:33

Tgt Ion:128 Resp: 25133
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.2 10.7 16.1

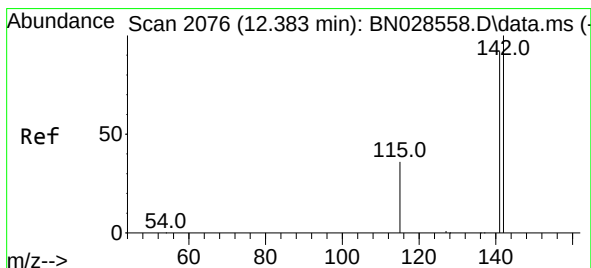
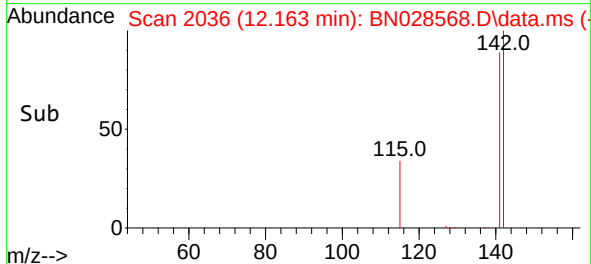
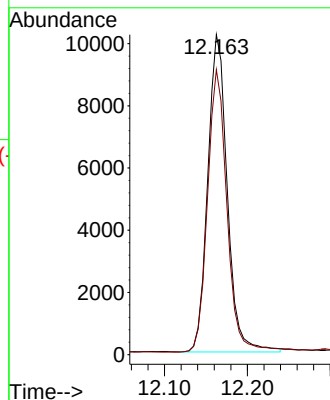
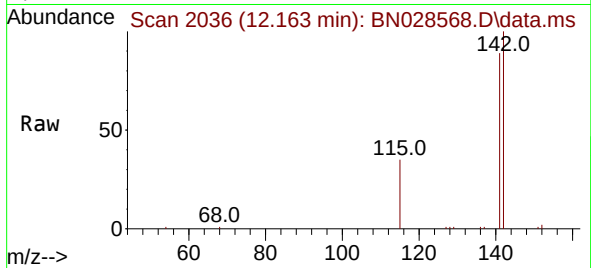




#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.163 min Scan# 2036
Delta R.T. -0.004 min
Lab File: BN028568.D
Acq: 10 Nov 2023 21:33

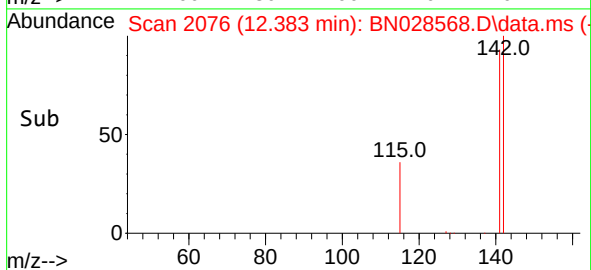
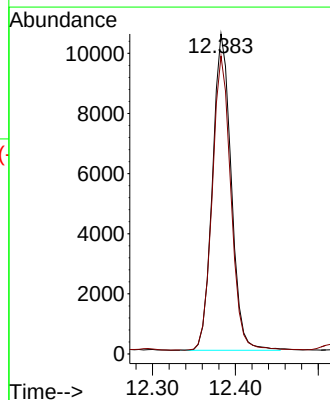
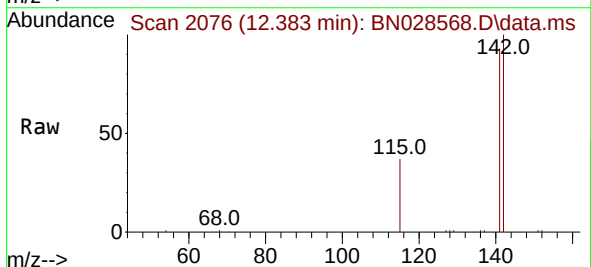
Instrument :
BNA_N
ClientSampleId :
SLCS782

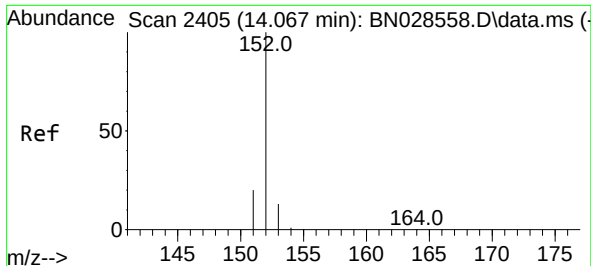
Tgt Ion:142 Resp: 16690
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.383 min Scan# 2076
Delta R.T. -0.004 min
Lab File: BN028568.D
Acq: 10 Nov 2023 21:33

Tgt Ion:142 Resp: 16536
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1

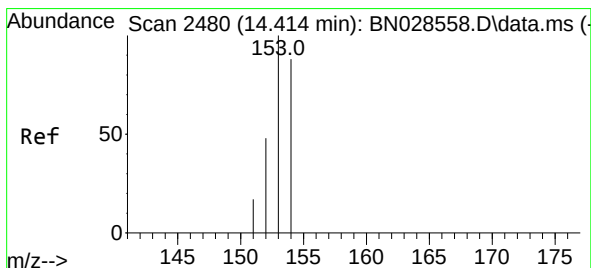
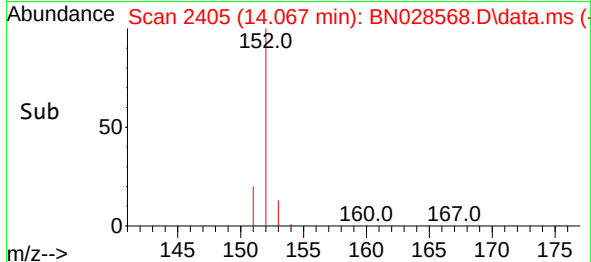
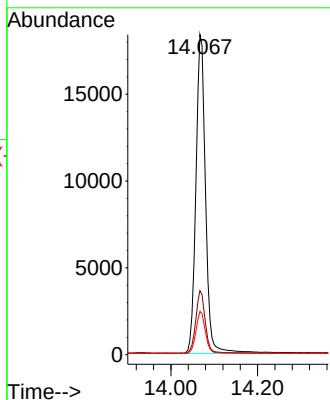
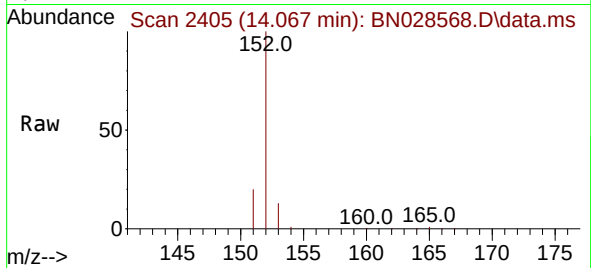




#10
Acenaphthylene
Concen: 0.350 ng/ul
RT: 14.067 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BN028568.D
Acq: 10 Nov 2023 21:33

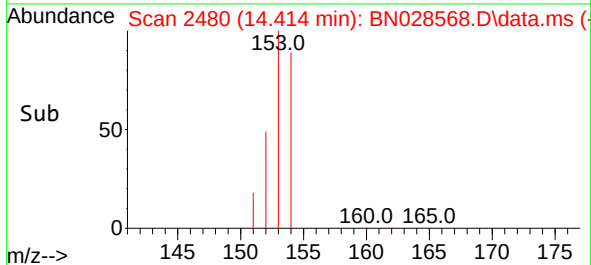
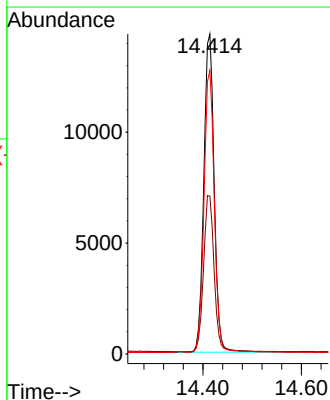
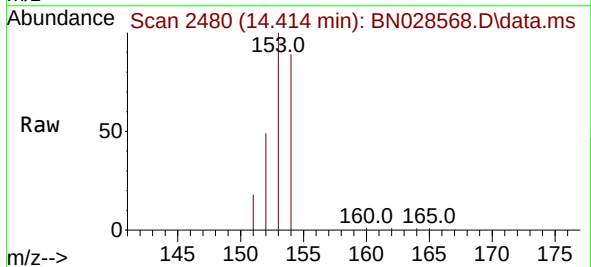
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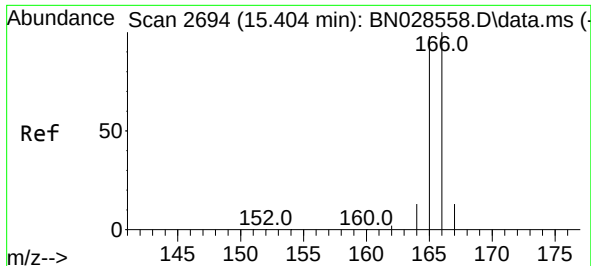
Tgt Ion:152 Resp: 28422
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.5 10.6 15.8



#11
Acenaphthene
Concen: 0.352 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.003 min
Lab File: BN028568.D
Acq: 10 Nov 2023 21:33

Tgt Ion:153 Resp: 20997
Ion Ratio Lower Upper
153 100
152 49.3 39.6 59.4
154 88.6 71.0 106.6

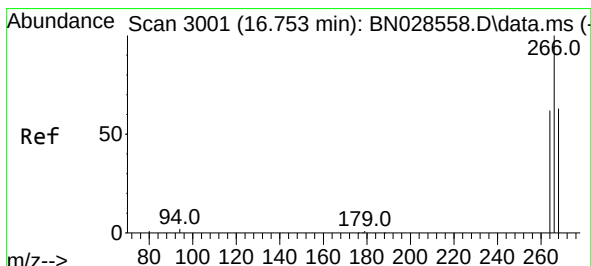
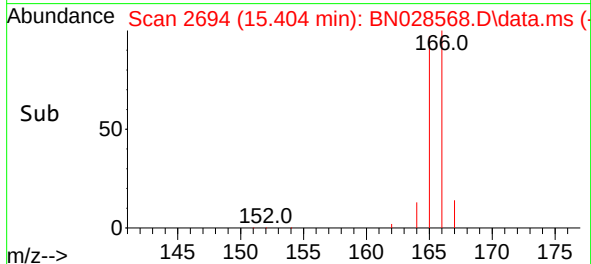
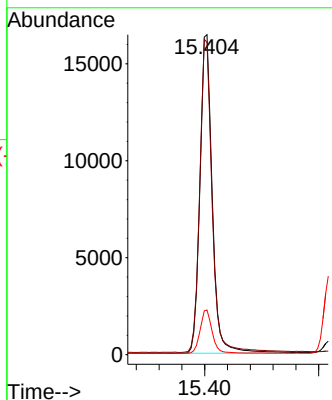
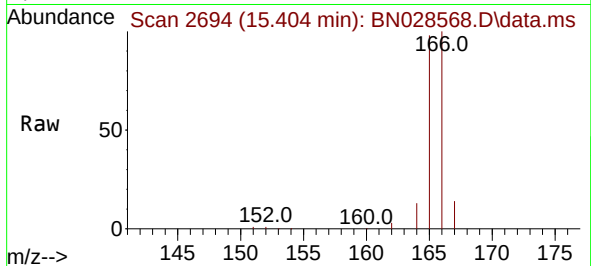




#12
Fluorene
Concen: 0.354 ng/ul
RT: 15.404 min Scan# 2694
Delta R.T. -0.003 min
Lab File: BN028568.D
Acq: 10 Nov 2023 21:33

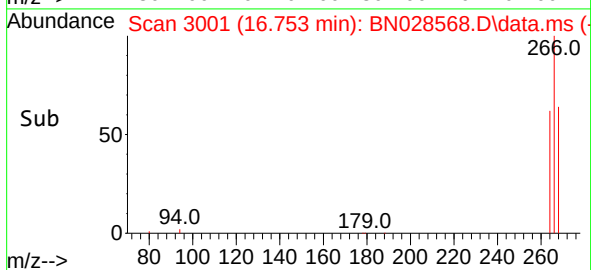
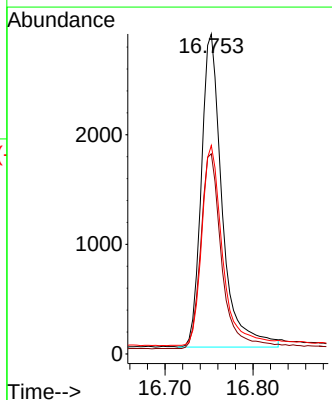
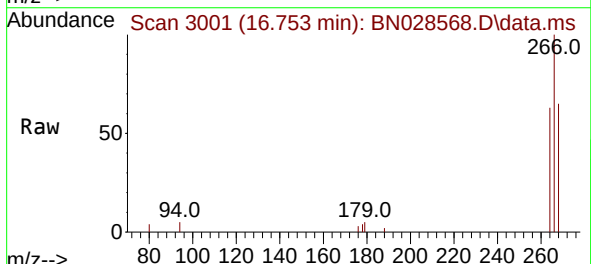
Instrument :
BNA_N
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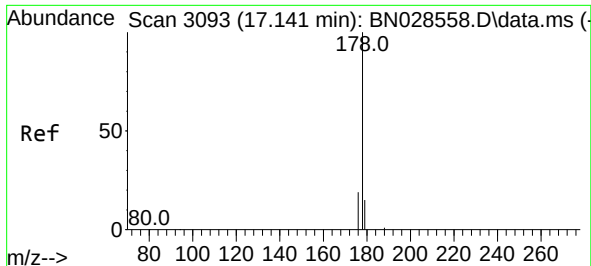
Tgt Ion:166 Resp: 24590
Ion Ratio Lower Upper
166 100
165 97.6 78.6 118.0
167 13.9 11.0 16.6



#14
Pentachlorophenol
Concen: 0.546 ng/ul
RT: 16.753 min Scan# 3001
Delta R.T. -0.003 min
Lab File: BN028568.D
Acq: 10 Nov 2023 21:33

Tgt Ion:266 Resp: 4716
Ion Ratio Lower Upper
266 100
264 62.7 50.1 75.1
268 64.5 50.6 75.8

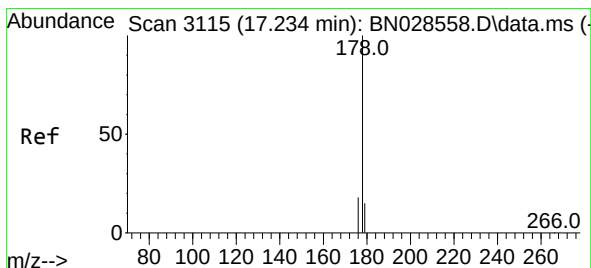
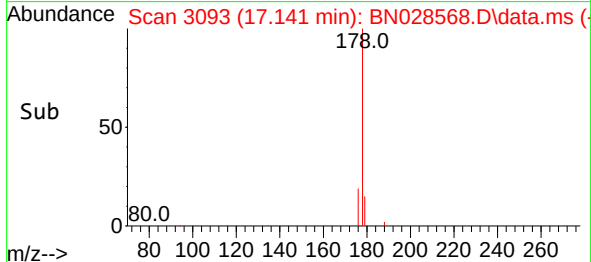
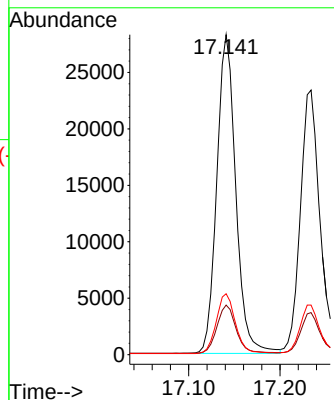
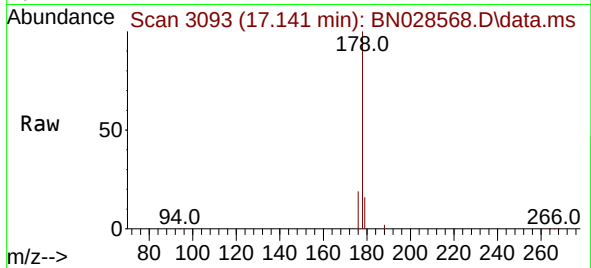




#15
Phenanthrene
Concen: 0.368 ng/ul
RT: 17.141 min Scan# 3093
Delta R.T. -0.003 min
Lab File: BN028568.D
Acq: 10 Nov 2023 21:33

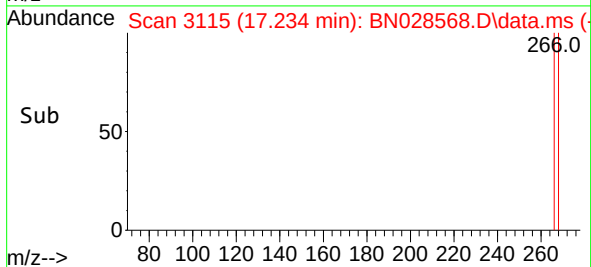
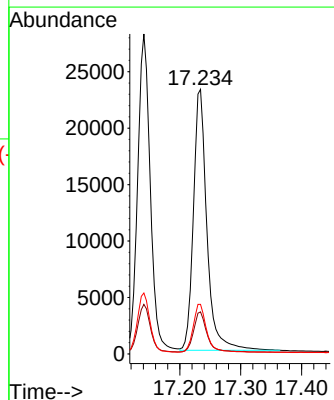
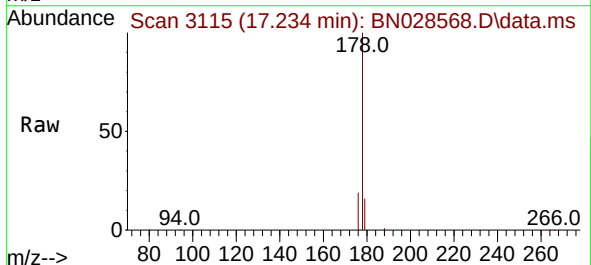
Instrument :
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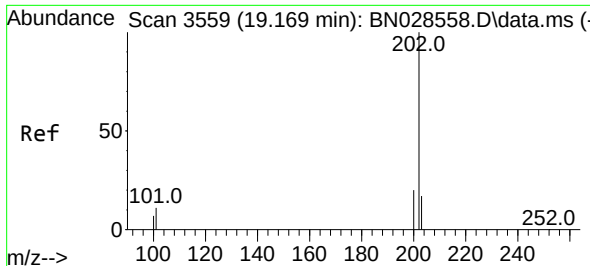
Tgt Ion:178	Resp:	40695
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.4 18.6
176	19.0	15.4 23.2



#16
Anthracene
Concen: 0.352 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. -0.003 min
Lab File: BN028568.D
Acq: 10 Nov 2023 21:33

Tgt Ion:178	Resp:	35645
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.6 18.8
176	18.8	14.9 22.3

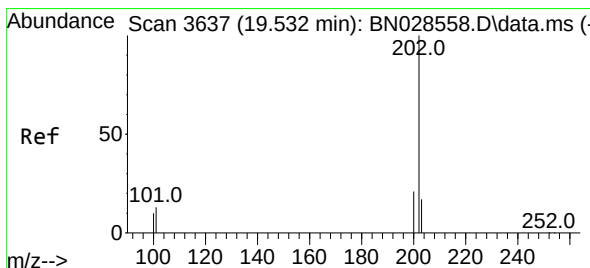
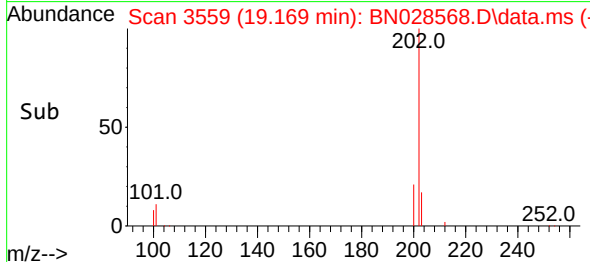
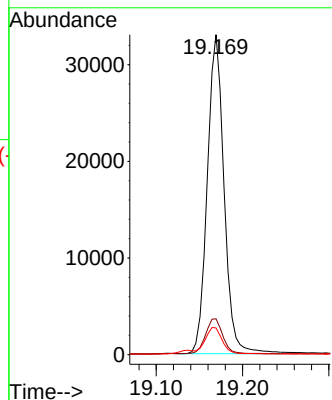
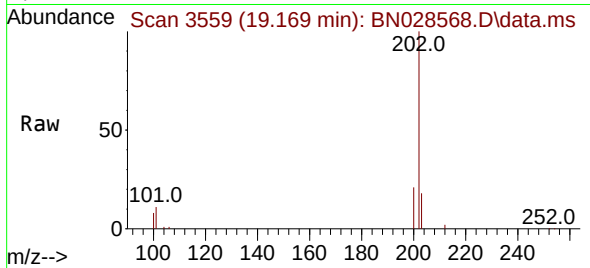




#19
Fluoranthene
Concen: 0.461 ng/ul
RT: 19.169 min Scan# 3559
Delta R.T. -0.003 min
Lab File: BN028568.D
Acq: 10 Nov 2023 21:33

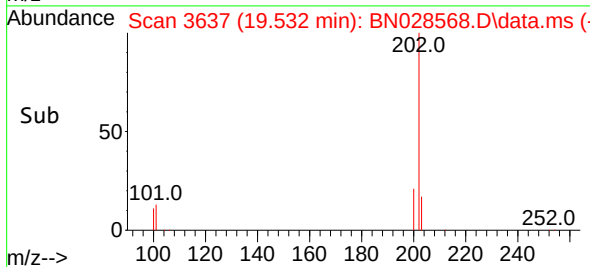
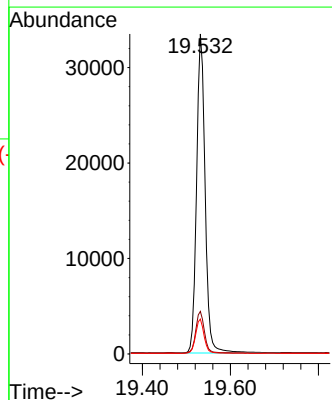
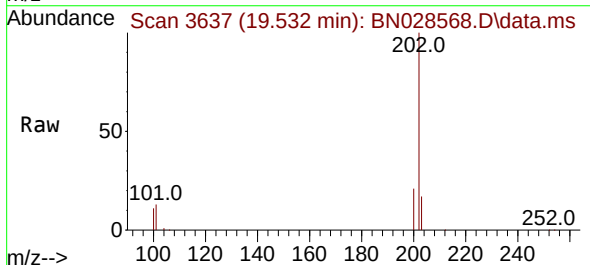
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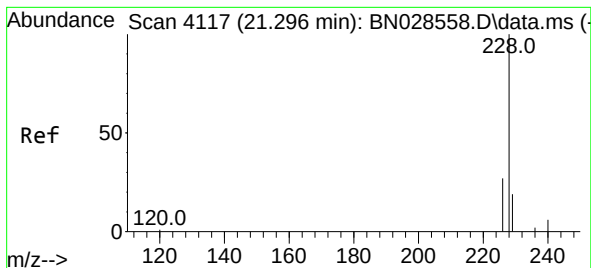
Tgt Ion:202 Resp: 44626
Ion Ratio Lower Upper
202 100
101 11.2 9.5 14.3
100 8.3 7.2 10.8



#20
Pyrene
Concen: 0.452 ng/ul
RT: 19.532 min Scan# 3637
Delta R.T. -0.008 min
Lab File: BN028568.D
Acq: 10 Nov 2023 21:33

Tgt Ion:202 Resp: 45328
Ion Ratio Lower Upper
202 100
101 13.3 10.3 15.5
100 10.9 8.2 12.2





#21

Benzo(a)anthracene

Concen: 0.376 ng/u1

RT: 21.296 min Scan# 4117

Delta R.T. -0.007 min

Lab File: BN028568.D

Acq: 10 Nov 2023 21:33

Instrument :

BNA_N

ClientSampleId :

SLCS782

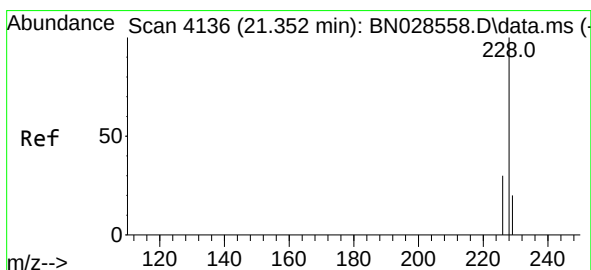
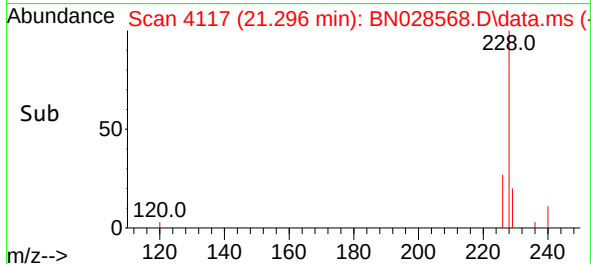
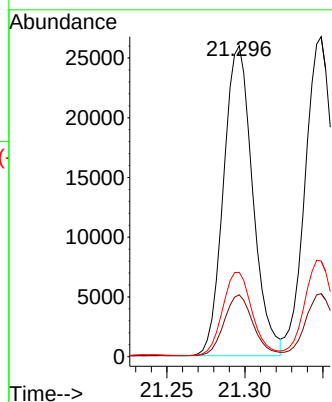
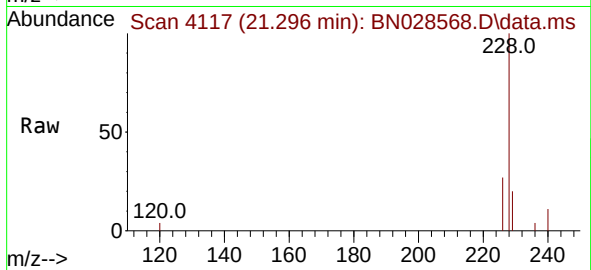
Tgt Ion:228 Resp: 33820

Ion Ratio Lower Upper

228 100

229 19.9 15.7 23.5

226 27.1 21.4 32.0



#22

Chrysene

Concen: 0.395 ng/u1

RT: 21.349 min Scan# 4135

Delta R.T. -0.007 min

Lab File: BN028568.D

Acq: 10 Nov 2023 21:33

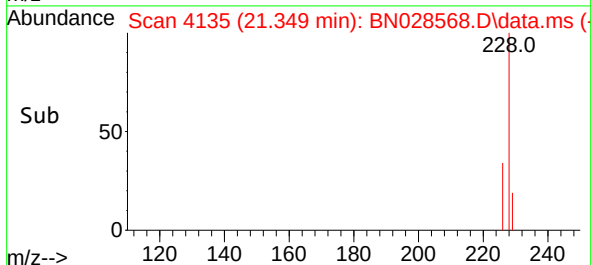
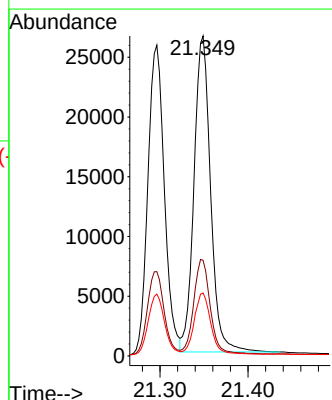
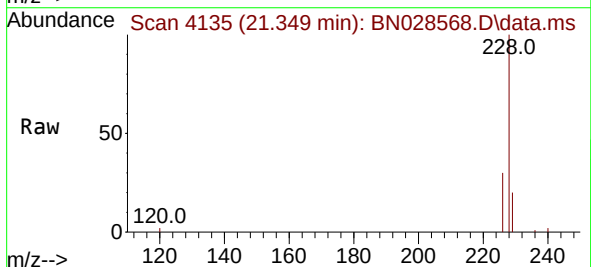
Tgt Ion:228 Resp: 34704

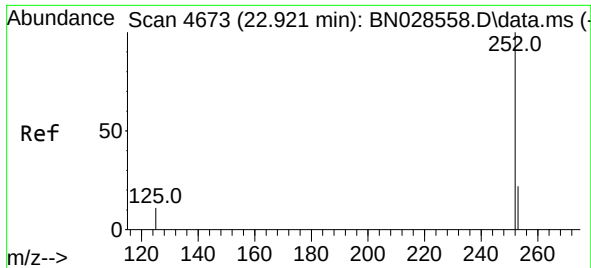
Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 19.7 15.4 23.2

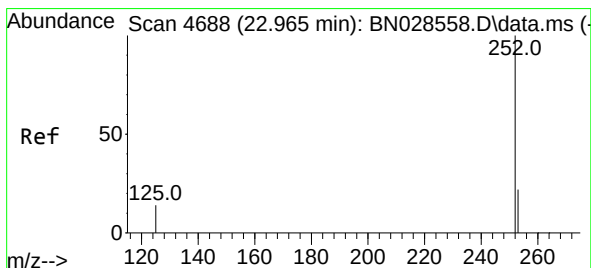
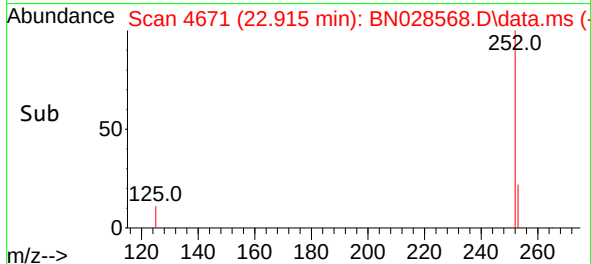
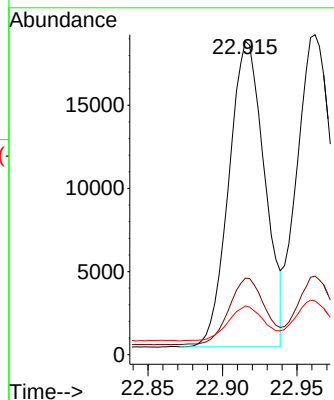
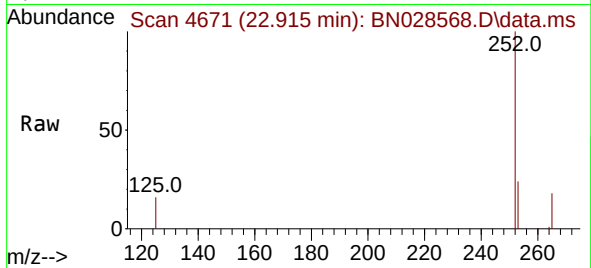




#24
Benzo(b)fluoranthene
Concen: 0.397 ng/ul
RT: 22.915 min Scan# 4671
Delta R.T. -0.013 min
Lab File: BN028568.D
Acq: 10 Nov 2023 21:33

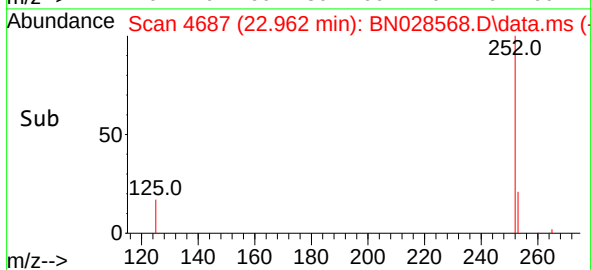
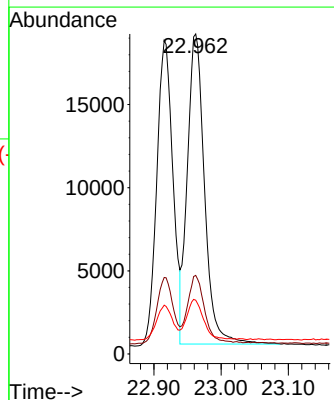
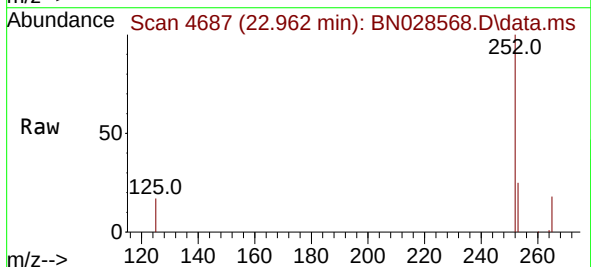
Instrument :
BNA_N
ClientSampleId :
SLCS782

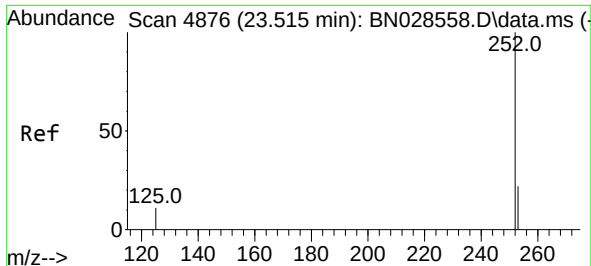
Tgt Ion:252 Resp: 30650
Ion Ratio Lower Upper
252 100
253 24.4 0.0 46.6
125 15.6 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.412 ng/ul
RT: 22.962 min Scan# 4687
Delta R.T. -0.013 min
Lab File: BN028568.D
Acq: 10 Nov 2023 21:33

Tgt Ion:252 Resp: 33229
Ion Ratio Lower Upper
252 100
253 24.5 18.6 28.0
125 16.8 12.7 19.1

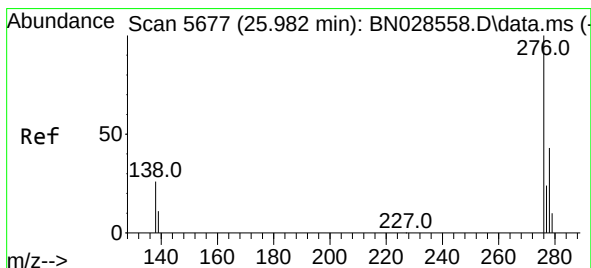
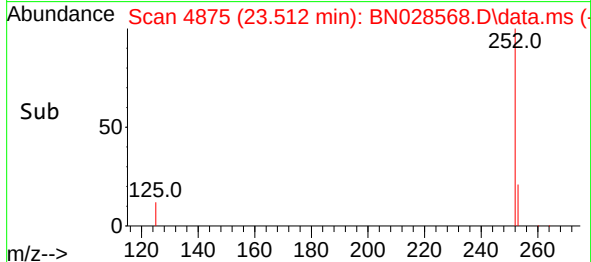
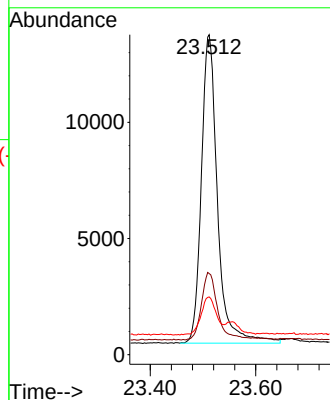
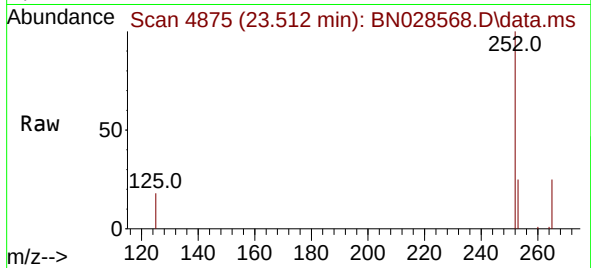




#26
Benzo(a)pyrene
Concen: 0.387 ng/ul
RT: 23.512 min Scan# 4876
Delta R.T. -0.013 min
Lab File: BN028568.D
Acq: 10 Nov 2023 21:33

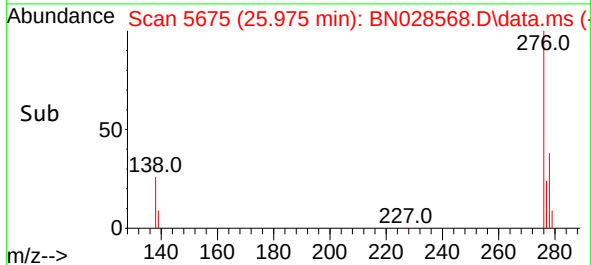
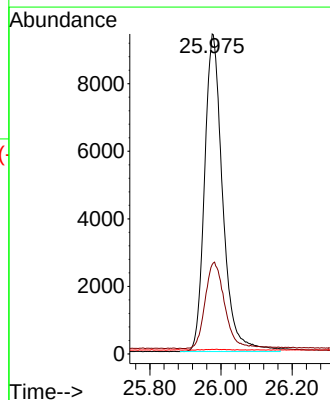
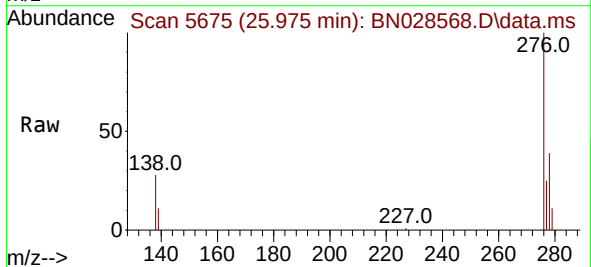
Instrument :
BNA_N
ClientSampleId :
SLCS782

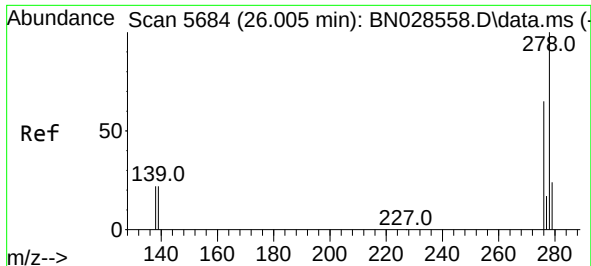
Tgt Ion:252 Resp: 28162
Ion Ratio Lower Upper
252 100
253 25.3 19.0 28.6
125 18.1 13.2 19.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.411 ng/ul
RT: 25.975 min Scan# 5675
Delta R.T. -0.018 min
Lab File: BN028568.D
Acq: 10 Nov 2023 21:33

Tgt Ion:276 Resp: 33219
Ion Ratio Lower Upper
276 100
138 0.0 23.8 35.6#
227 0.1 0.1 0.1

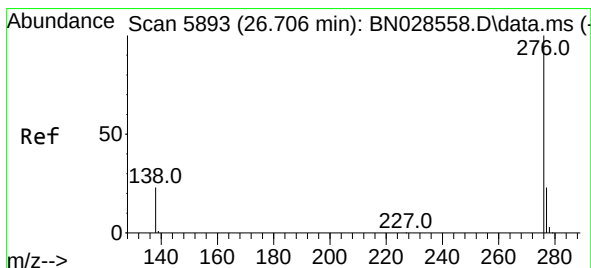
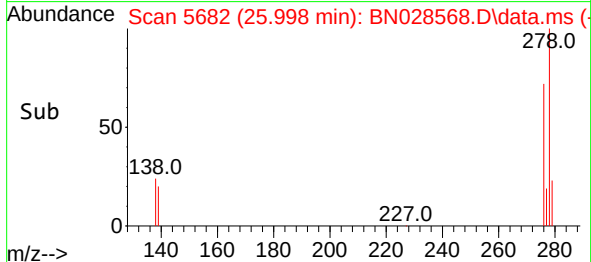
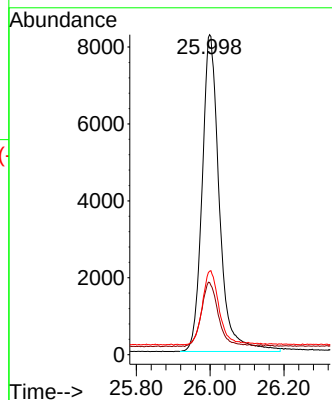
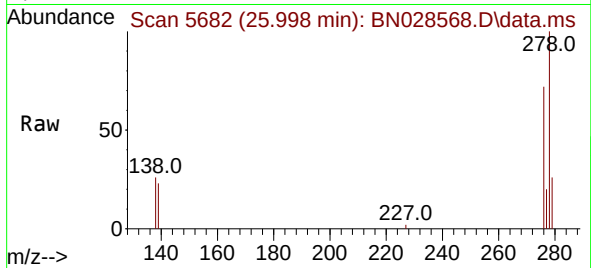




#28
Dibenzo(a,h)anthracene
Concen: 0.413 ng/ul
RT: 25.998 min Scan# 5682
Delta R.T. -0.018 min
Lab File: BN028568.D
Acq: 10 Nov 2023 21:33

Instrument :
BNA_N
ClientSampleId :
SLCS782

Tgt Ion:278 Resp: 26642
Ion Ratio Lower Upper
278 100
139 22.6 18.2 27.4
279 26.1 20.7 31.1



#29
Benzo(g,h,i)perylene
Concen: 0.419 ng/ul
RT: 26.696 min Scan# 5890
Delta R.T. -0.022 min
Lab File: BN028568.D
Acq: 10 Nov 2023 21:33

Tgt Ion:276 Resp: 27744
Ion Ratio Lower Upper
276 100
138 26.8 20.5 30.7
277 25.2 19.4 29.0

