

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
 Data File : BN028566.D
 Acq On : 10 Nov 2023 20:21
 Operator : MA/JU
 Sample : PB156740BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS740

Quant Time: Nov 10 23:28:59 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)

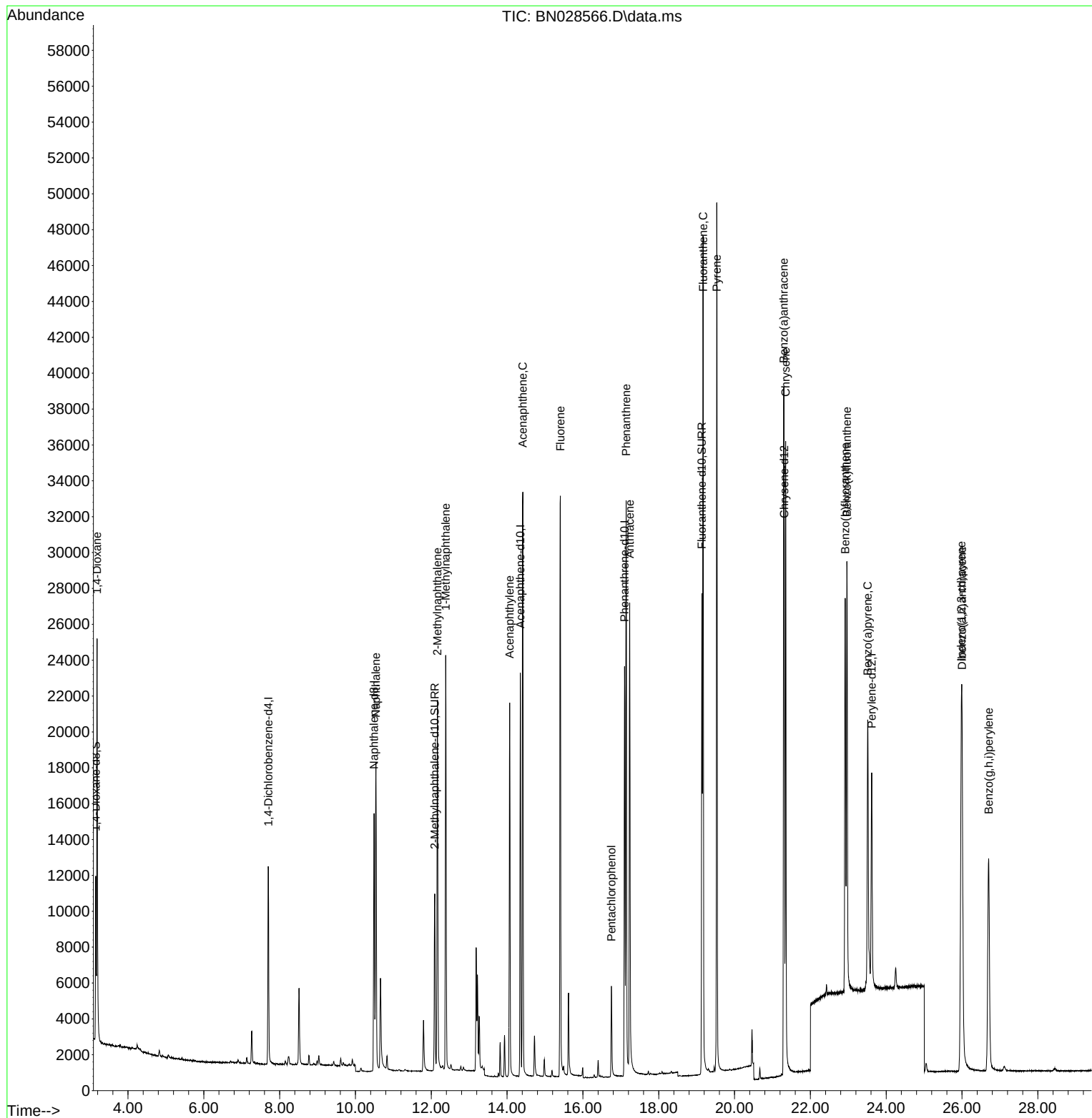
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	5934	0.400	ng/ul	0.00
4) Naphthalene-d8	10.491	136	19735	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.349	164	12191	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188	26945	0.400	ng/ul	0.00
17) Chrysene-d12	21.311	240	18287	0.400	ng/ul	0.00
23) Perylene-d12	23.617	264	16543	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	5821	0.888	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	13131	0.442	ng/ul	0.00
18) Fluoranthene-d10	19.137	212	30486	0.518	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.184	88	14266	1.968	ng/ul#	79
5) Naphthalene	10.540	128	23542	0.426	ng/ul	100
7) 2-Methylnaphthalene	12.162	142	15141	0.416	ng/ul	99
8) 1-Methylnaphthalene	12.382	142	15855	0.429	ng/ul	99
10) Acenaphthylene	14.067	152	23885	0.393	ng/ul	100
11) Acenaphthene	14.414	153	18623	0.416	ng/ul	100
12) Fluorene	15.404	166	21586	0.414	ng/ul	99
14) Pentachlorophenol	16.753	266	3628	0.561	ng/ul	99
15) Phenanthrene	17.141	178	35066	0.424	ng/ul	100
16) Anthracene	17.234	178	30361	0.400	ng/ul	100
19) Fluoranthene	19.169	202	39316	0.506	ng/ul	98
20) Pyrene	19.532	202	40390	0.501	ng/ul	99
21) Benzo(a)anthracene	21.296	228	30576	0.423	ng/ul	99
22) Chrysene	21.349	228	31487	0.445	ng/ul	99
24) Benzo(b)fluoranthene	22.918	252	28926	0.466	ng/ul	96
25) Benzo(k)fluoranthene	22.962	252	30709	0.472	ng/ul	95
26) Benzo(a)pyrene	23.512	252	24424	0.417	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.982	276	31294	0.481	ng/ul	100
28) Dibenzo(a,h)anthracene	26.002	278	25248	0.486	ng/ul	97
29) Benzo(g,h,i)perylene	26.703	276	26415	0.495	ng/ul	98

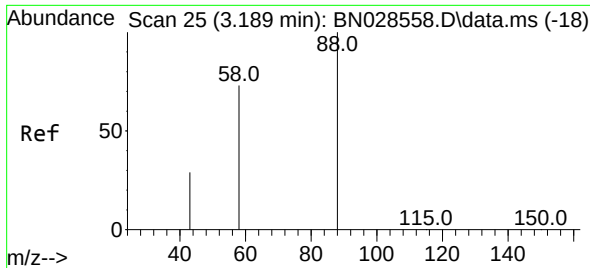
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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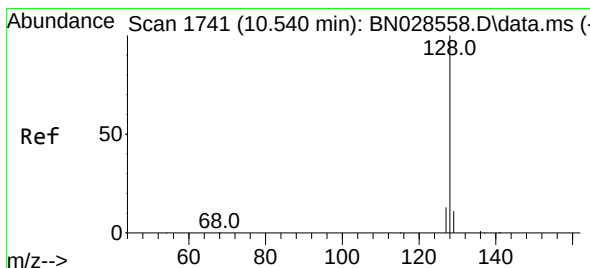
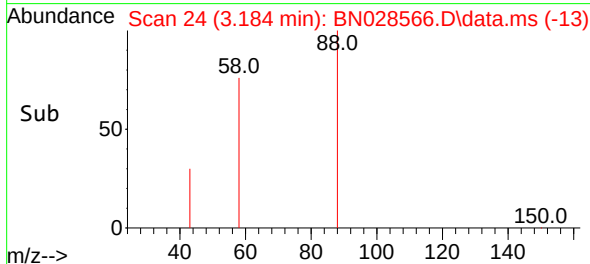
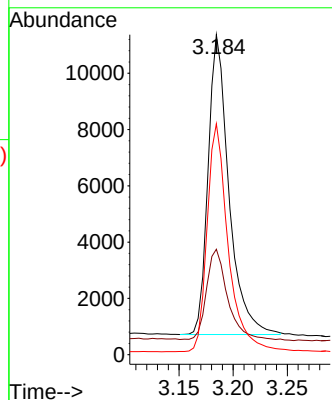
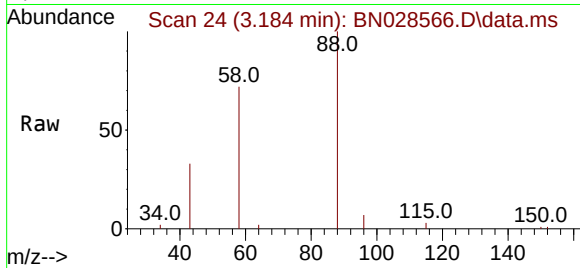




#2
1,4-Dioxane
Concen: 1.968 ng/ul
RT: 3.184 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN028566.D
Acq: 10 Nov 2023 20:21

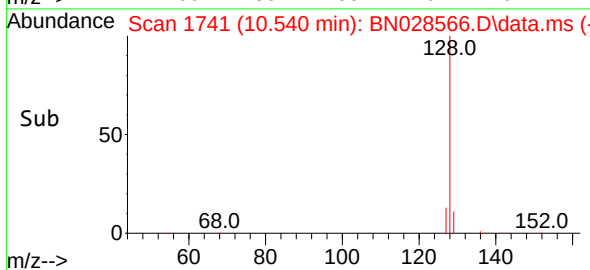
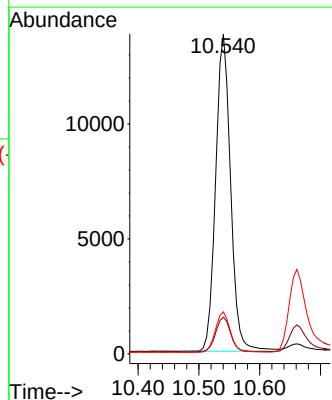
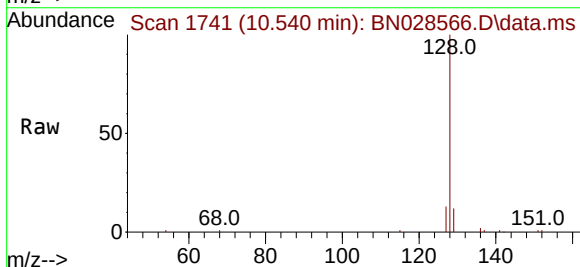
Instrument :
BNA_N
ClientSampleId :
SLCS740

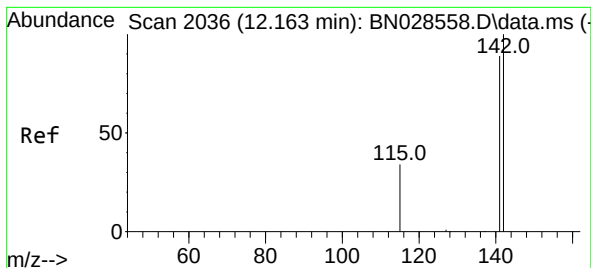
Tgt Ion: 88 Resp: 14266
Ion Ratio Lower Upper
88 100
43 33.0 32.9 49.3
58 72.1 41.8 62.8#



#5
Naphthalene
Concen: 0.426 ng/ul
RT: 10.540 min Scan# 1741
Delta R.T. -0.004 min
Lab File: BN028566.D
Acq: 10 Nov 2023 20:21

Tgt Ion: 128 Resp: 23542
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.1 10.7 16.1

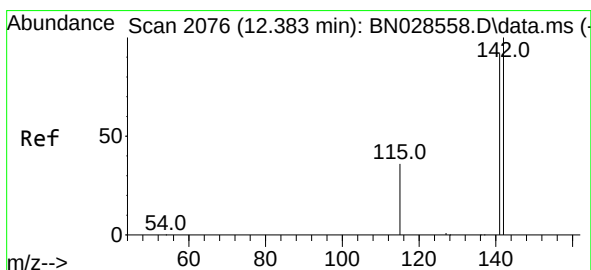
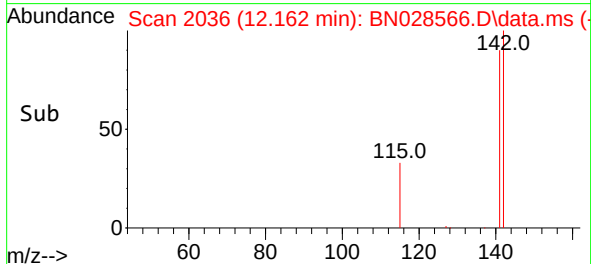
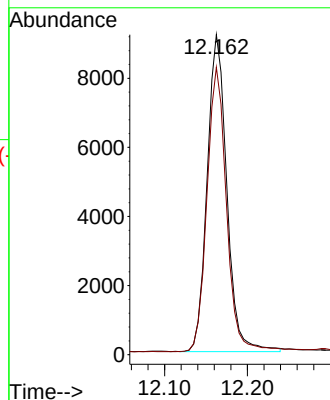
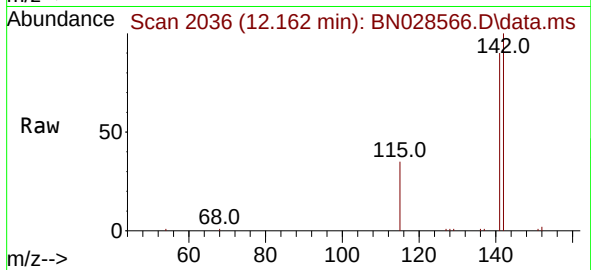




#7
2-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.004 min
Lab File: BN028566.D
Acq: 10 Nov 2023 20:21

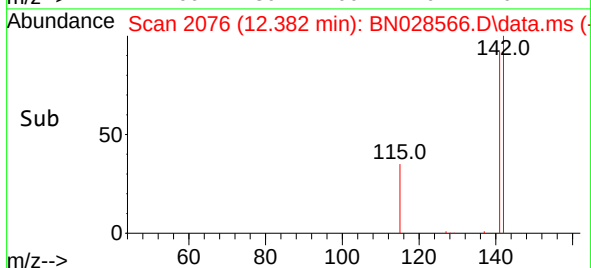
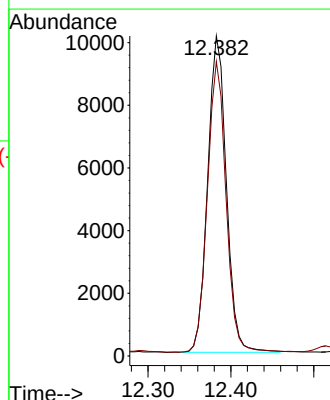
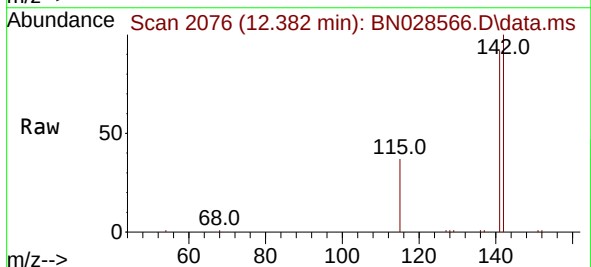
Instrument :
BNA_N
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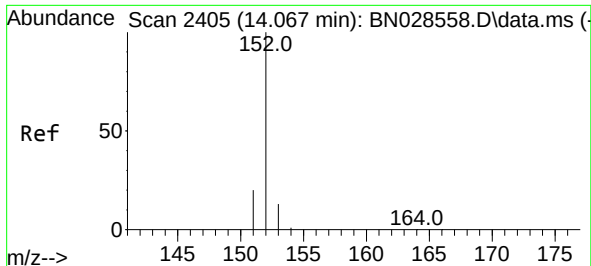
Tgt Ion:142 Resp: 15141
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.004 min
Lab File: BN028566.D
Acq: 10 Nov 2023 20:21

Tgt Ion:142 Resp: 15855
Ion Ratio Lower Upper
142 100
141 91.6 74.1 111.1

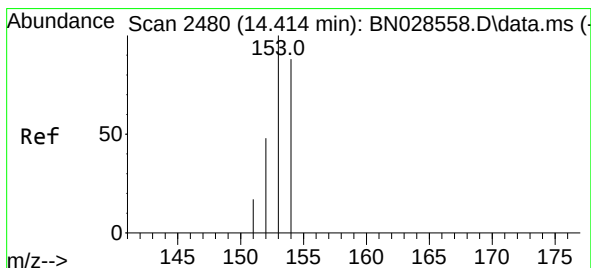
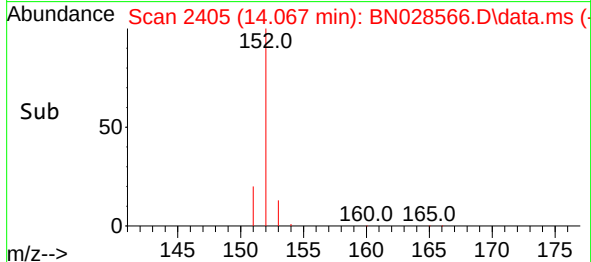
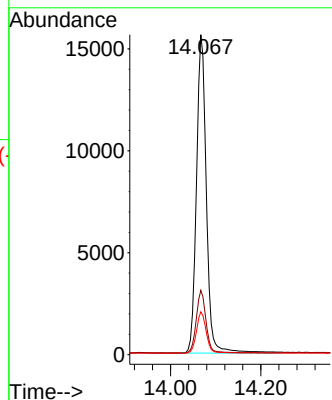
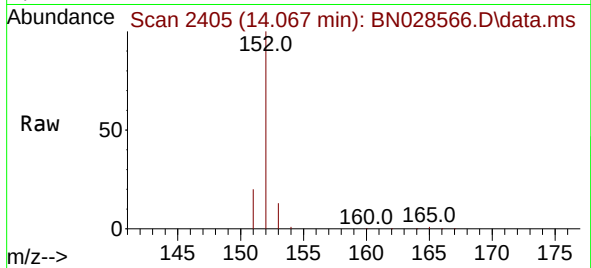




#10
Acenaphthylene
Concen: 0.393 ng/ul
RT: 14.067 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BN028566.D
Acq: 10 Nov 2023 20:21

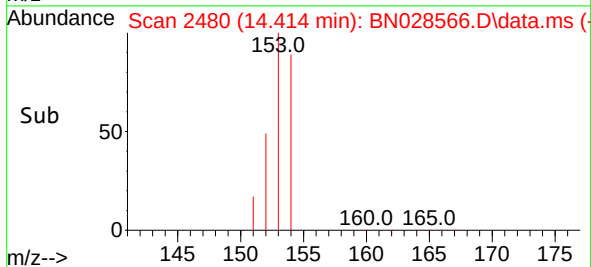
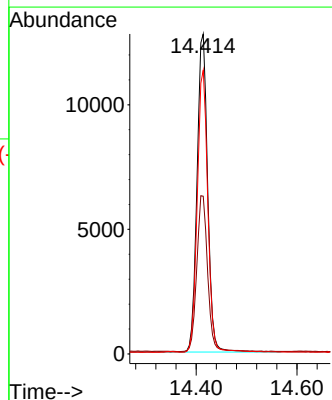
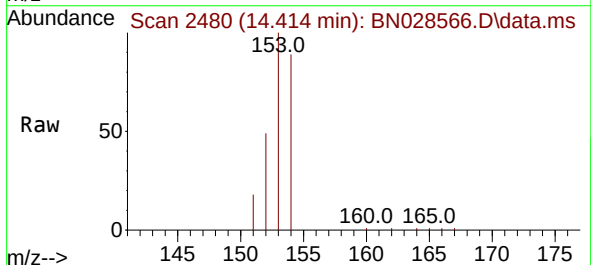
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BNA_N
ClientSampleId :
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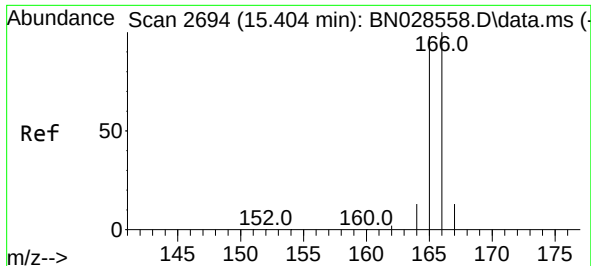
Tgt Ion:152 Resp: 23885
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.4 10.6 15.8



#11
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.003 min
Lab File: BN028566.D
Acq: 10 Nov 2023 20:21

Tgt Ion:153 Resp: 18623
Ion Ratio Lower Upper
153 100
152 49.3 39.6 59.4
154 88.6 71.0 106.6

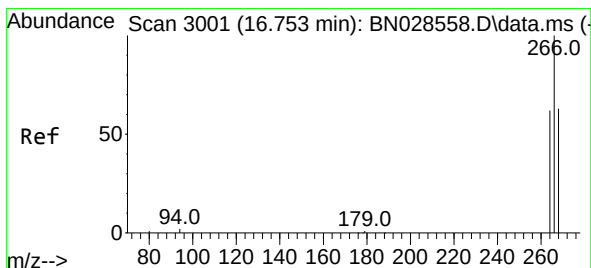
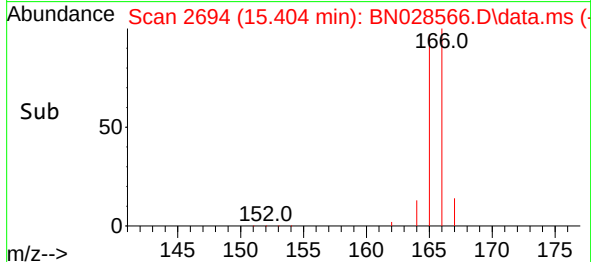
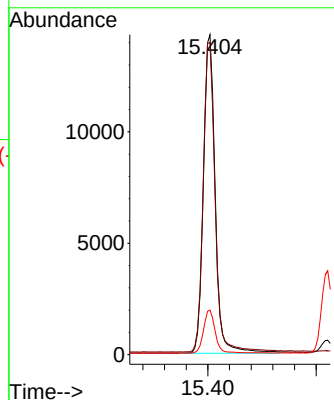
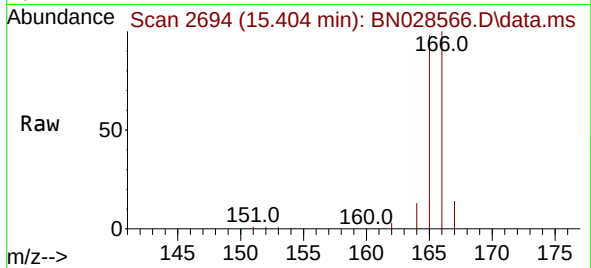




#12
Fluorene
Concen: 0.414 ng/ul
RT: 15.404 min Scan# 21586
Delta R.T. -0.003 min
Lab File: BN028566.D
Acq: 10 Nov 2023 20:21

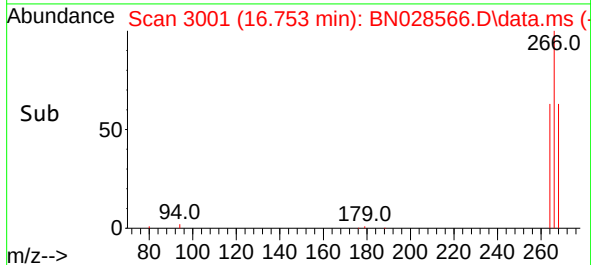
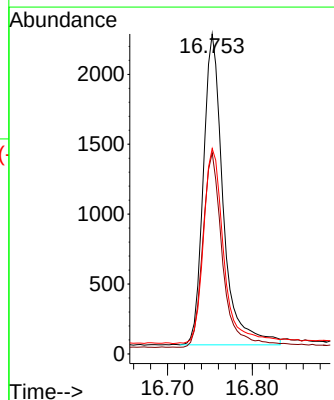
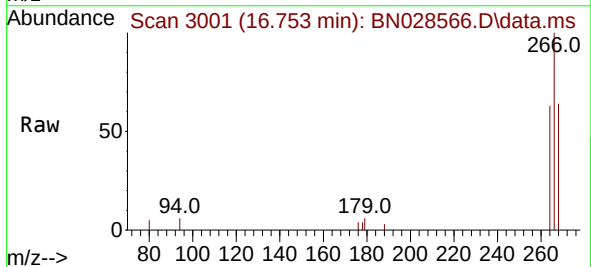
Instrument :
BNA_N
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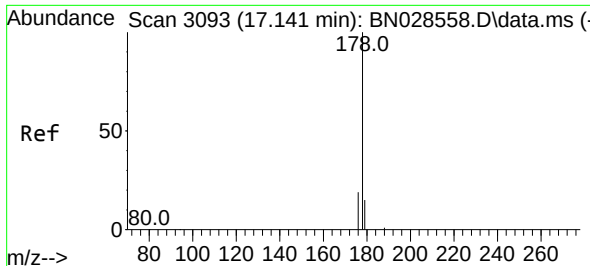
Tgt Ion:166 Resp: 21586
Ion Ratio Lower Upper
166 100
165 97.6 78.6 118.0
167 13.9 11.0 16.6



#14
Pentachlorophenol
Concen: 0.561 ng/ul
RT: 16.753 min Scan# 3001
Delta R.T. -0.003 min
Lab File: BN028566.D
Acq: 10 Nov 2023 20:21

Tgt Ion:266 Resp: 3628
Ion Ratio Lower Upper
266 100
264 62.3 50.1 75.1
268 64.4 50.6 75.8

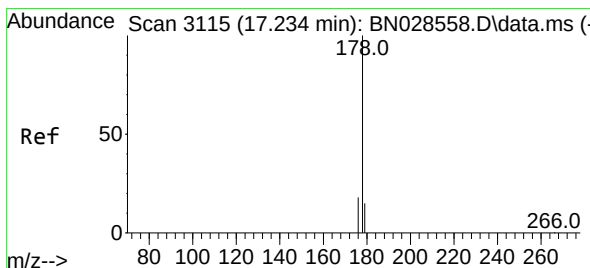
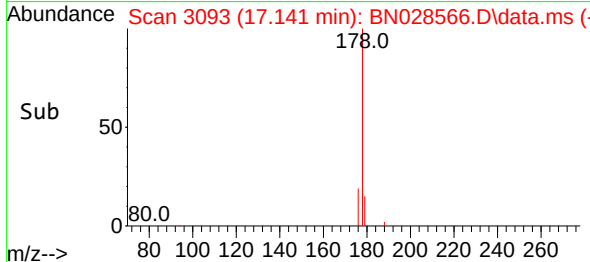
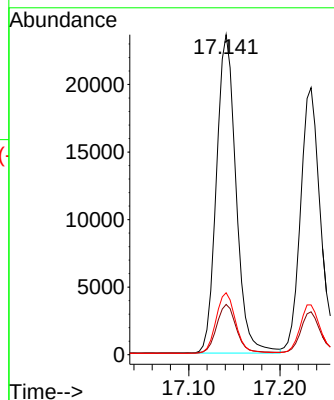
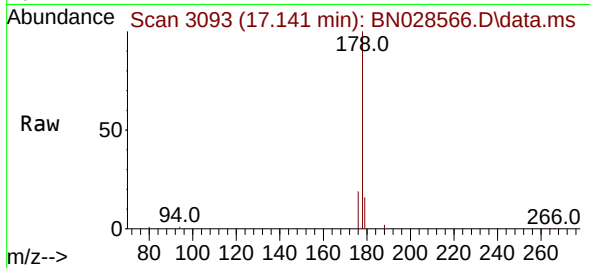




#15
Phenanthrene
Concen: 0.424 ng/ul
RT: 17.141 min Scan# 3093
Delta R.T. -0.003 min
Lab File: BN028566.D
Acq: 10 Nov 2023 20:21

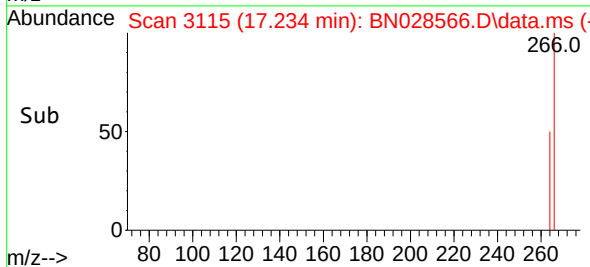
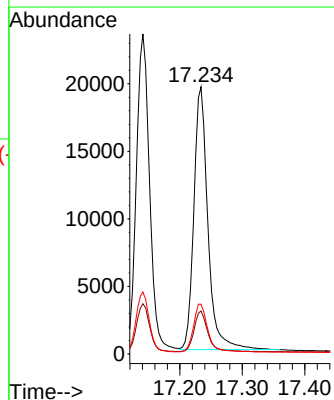
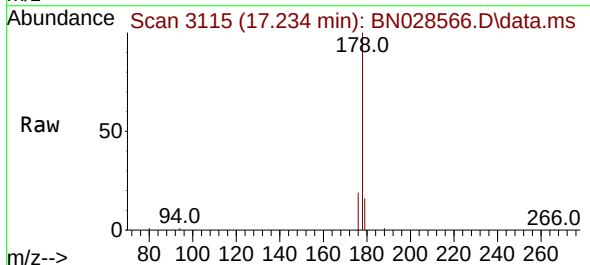
Instrument :
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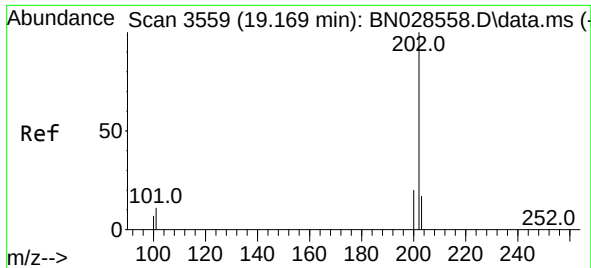
Tgt Ion:178	Resp:	35066
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.4 18.6
176	19.4	15.4 23.2



#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. -0.003 min
Lab File: BN028566.D
Acq: 10 Nov 2023 20:21

Tgt Ion:178	Resp:	30361
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.6 18.8
176	18.6	14.9 22.3

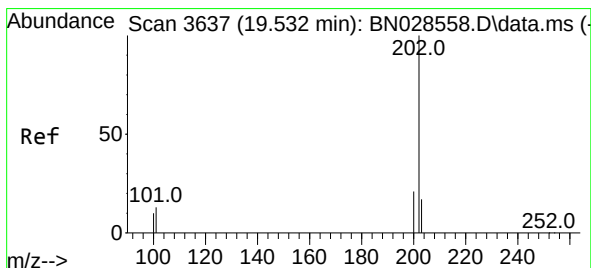
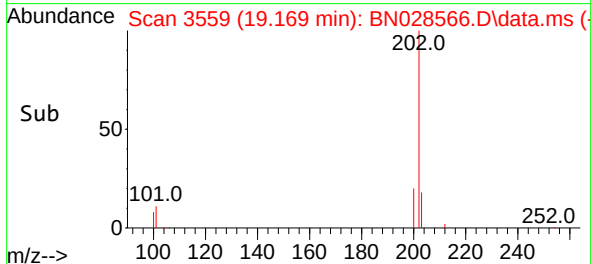
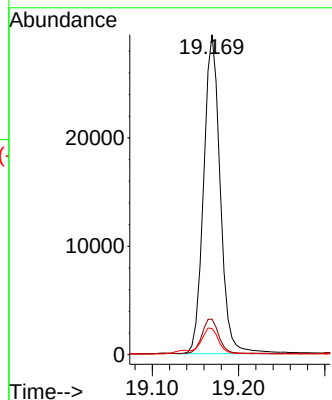
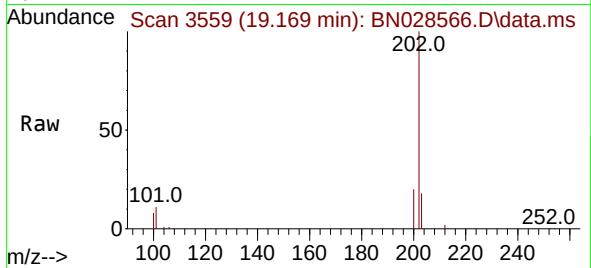




#19
Fluoranthene
Concen: 0.506 ng/u1
RT: 19.169 min Scan# 3559
Delta R.T. -0.003 min
Lab File: BN028566.D
Acq: 10 Nov 2023 20:21

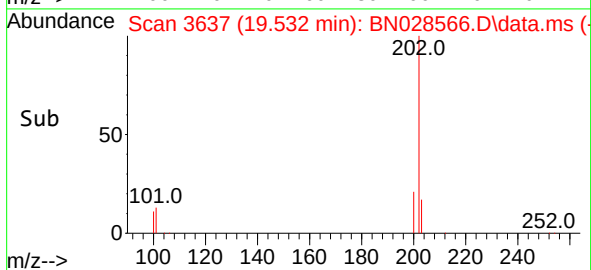
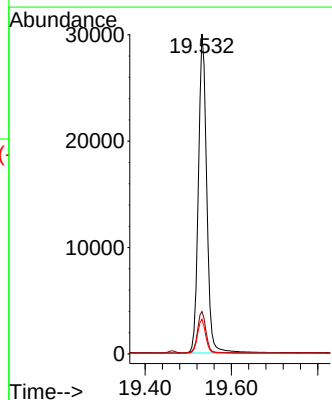
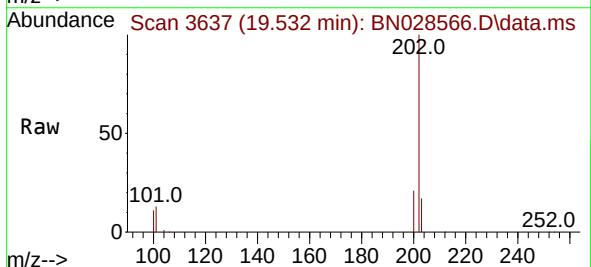
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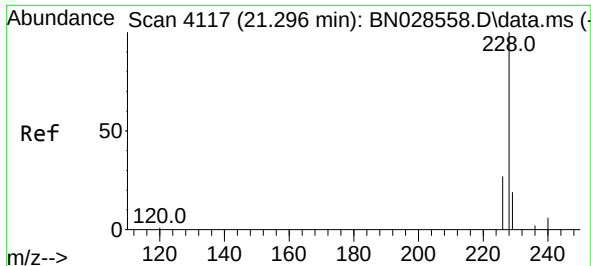
Tgt Ion:202 Resp: 39316
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.2 7.2 10.8



#20
Pyrene
Concen: 0.501 ng/u1
RT: 19.532 min Scan# 3637
Delta R.T. -0.008 min
Lab File: BN028566.D
Acq: 10 Nov 2023 20:21

Tgt Ion:202 Resp: 40390
Ion Ratio Lower Upper
202 100
101 13.3 10.3 15.5
100 10.9 8.2 12.2

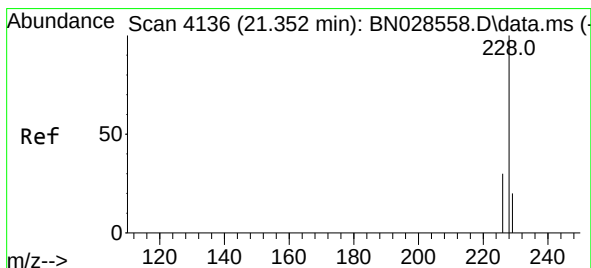
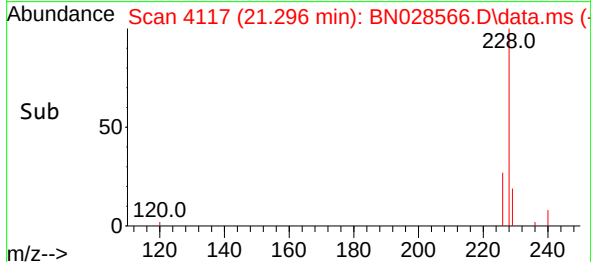
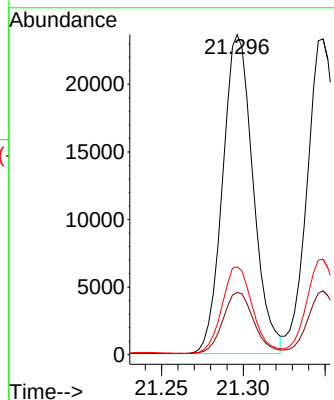
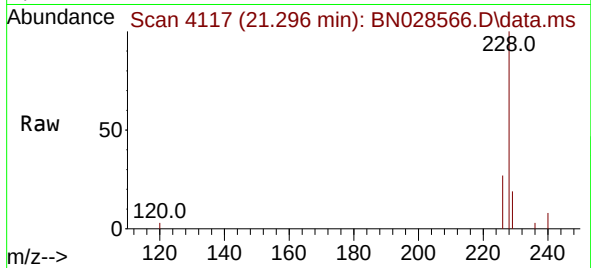




#21
Benzo(a)anthracene
Concen: 0.423 ng/ul
RT: 21.296 min Scan# 4117
Delta R.T. -0.007 min
Lab File: BN028566.D
Acq: 10 Nov 2023 20:21

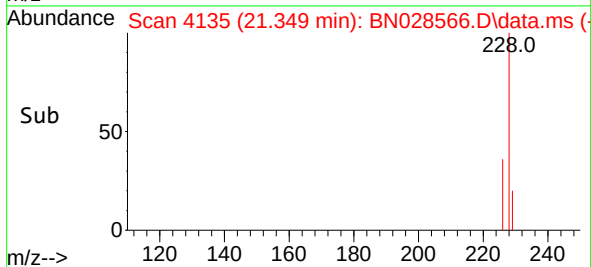
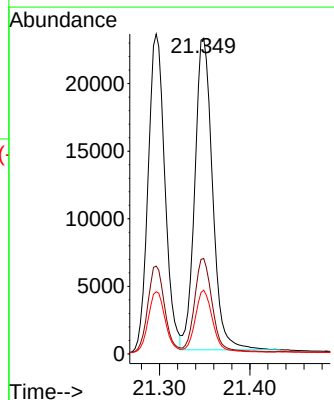
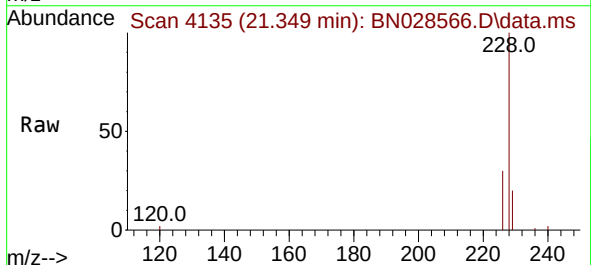
Instrument :
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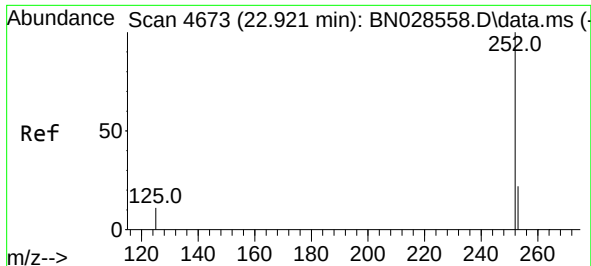
Tgt Ion:228 Resp: 30576
Ion Ratio Lower Upper
228 100
229 19.5 15.7 23.5
226 27.5 21.4 32.0



#22
Chrysene
Concen: 0.445 ng/ul
RT: 21.349 min Scan# 4135
Delta R.T. -0.007 min
Lab File: BN028566.D
Acq: 10 Nov 2023 20:21

Tgt Ion:228 Resp: 31487
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.8
229 20.2 15.4 23.2

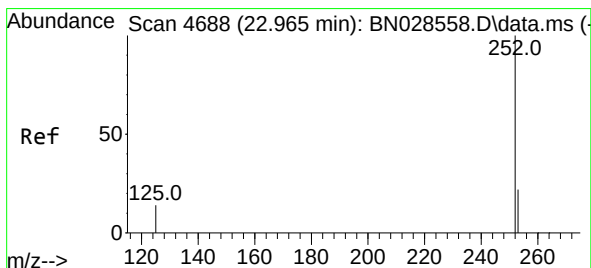
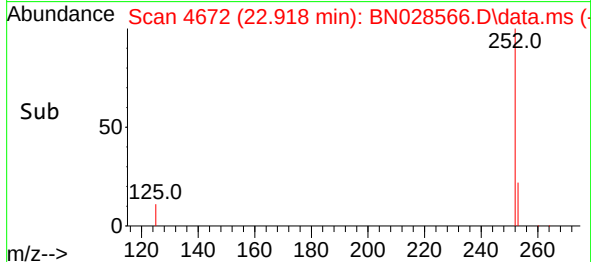
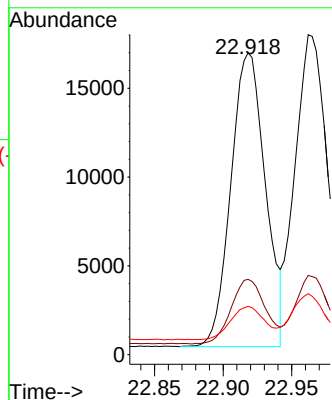
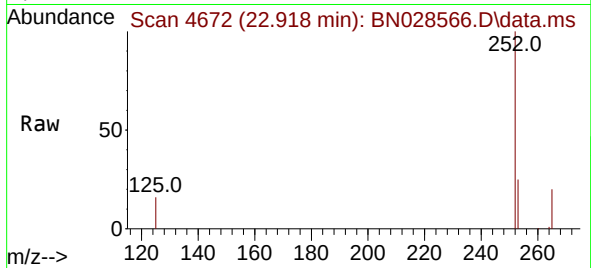




#24
Benzo(b)fluoranthene
Concen: 0.466 ng/ul
RT: 22.918 min Scan# 4672
Delta R.T. -0.010 min
Lab File: BN028566.D
Acq: 10 Nov 2023 20:21

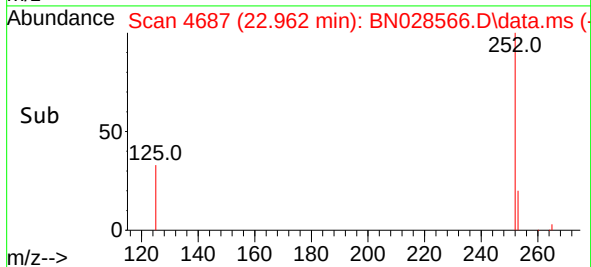
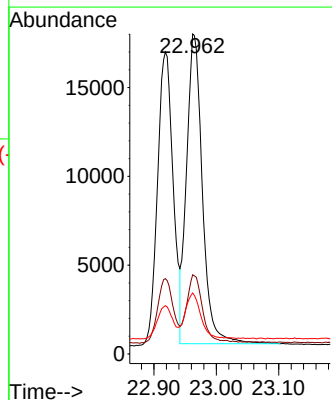
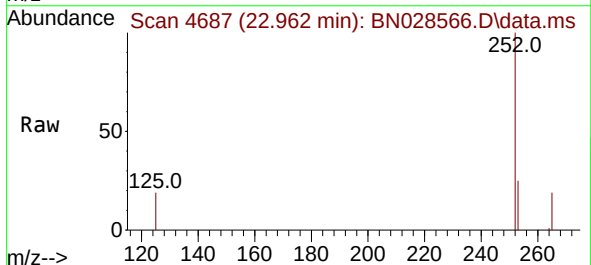
Instrument :
BNA_N
ClientSampleId :
SLCS740

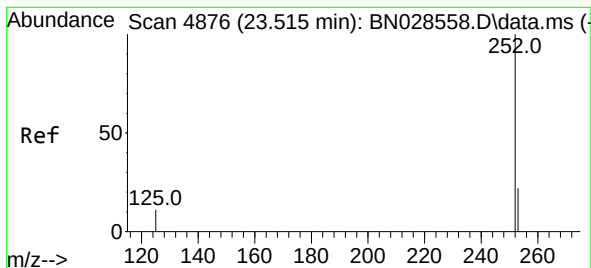
Tgt Ion:252 Resp: 28926
Ion Ratio Lower Upper
252 100
253 25.0 0.0 46.6
125 16.0 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.472 ng/ul
RT: 22.962 min Scan# 4687
Delta R.T. -0.013 min
Lab File: BN028566.D
Acq: 10 Nov 2023 20:21

Tgt Ion:252 Resp: 30709
Ion Ratio Lower Upper
252 100
253 24.7 18.6 28.0
125 19.1 12.7 19.1





#26

Benzo(a)pyrene

Concen: 0.417 ng/ul

RT: 23.512 min Scan# 4876

Delta R.T. -0.013 min

Lab File: BN028566.D

Acq: 10 Nov 2023 20:21

Instrument :

BNA_N

ClientSampleId :

SLCS740

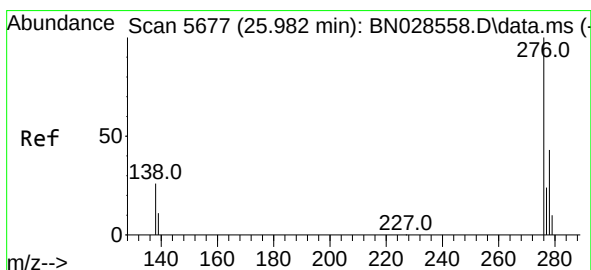
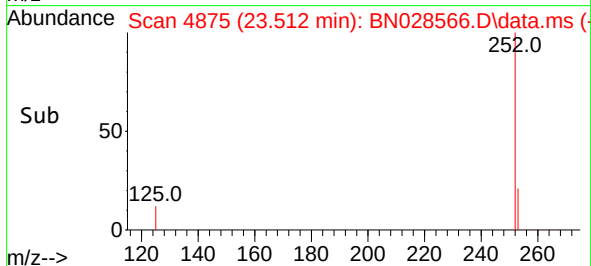
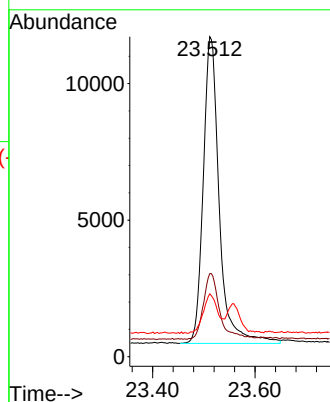
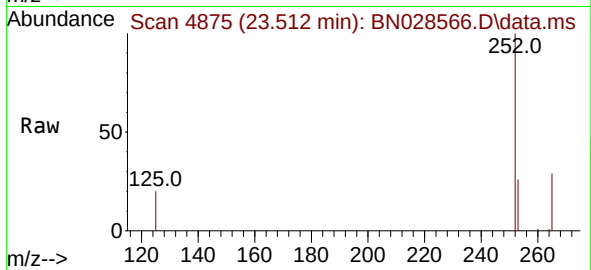
Tgt Ion:252 Resp: 24424

Ion Ratio Lower Upper

252 100

253 26.0 19.0 28.6

125 19.6 13.2 19.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.481 ng/ul

RT: 25.982 min Scan# 5677

Delta R.T. -0.012 min

Lab File: BN028566.D

Acq: 10 Nov 2023 20:21

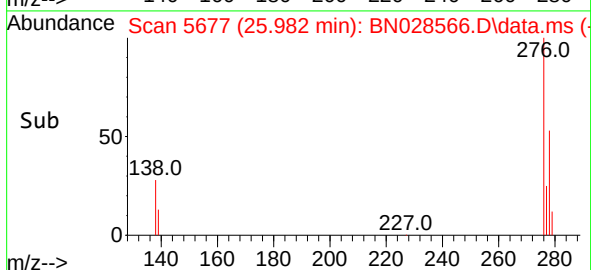
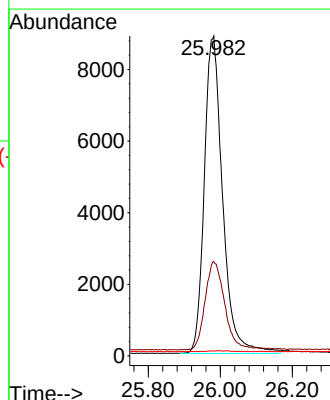
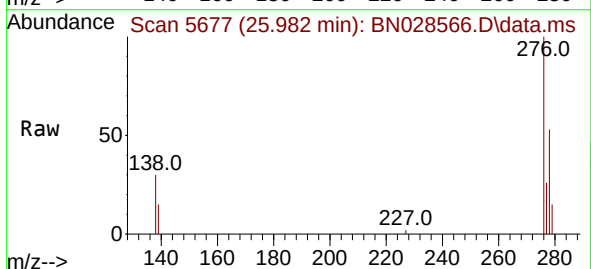
Tgt Ion:276 Resp: 31294

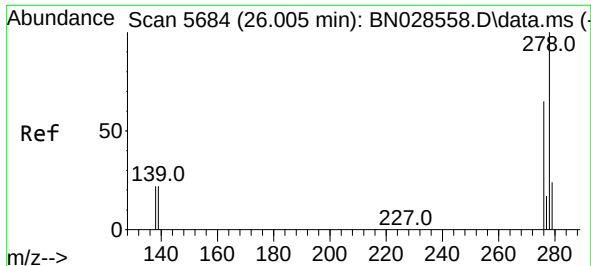
Ion Ratio Lower Upper

276 100

138 30.0 23.8 35.6

227 0.1 0.1 0.1

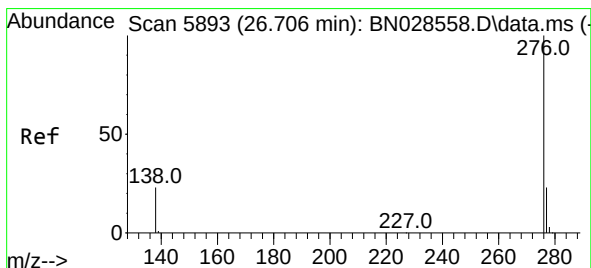
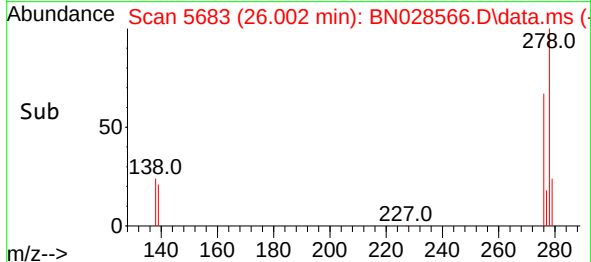
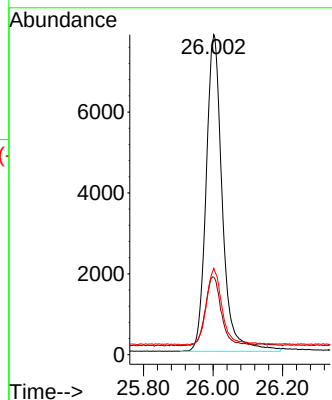
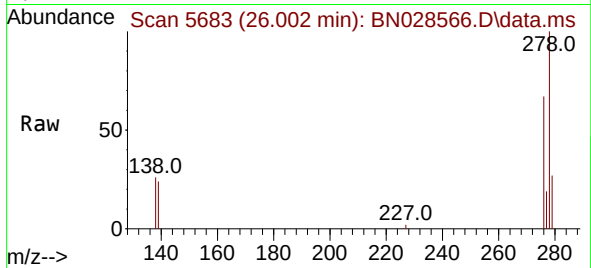




#28
Dibenzo(a,h)anthracene
Concen: 0.486 ng/ul
RT: 26.002 min Scan# 5683
Delta R.T. -0.015 min
Lab File: BN028566.D
Acq: 10 Nov 2023 20:21

Instrument :
BNA_N
ClientSampleId :
SLCS740

Tgt Ion:278 Resp: 25248
Ion Ratio Lower Upper
278 100
139 24.2 18.2 27.4
279 27.0 20.7 31.1



#29
Benzo(g,h,i)perylene
Concen: 0.495 ng/ul
RT: 26.703 min Scan# 5892
Delta R.T. -0.015 min
Lab File: BN028566.D
Acq: 10 Nov 2023 20:21

Tgt Ion:276 Resp: 26415
Ion Ratio Lower Upper
276 100
138 26.8 20.5 30.7
277 24.7 19.4 29.0

