

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100423\
 Data File : BN028039.D
 Acq On : 04 Oct 2023 17:33
 Operator : MA/JU
 Sample : PB155813BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS913

Quant Time: Oct 05 02:05:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

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

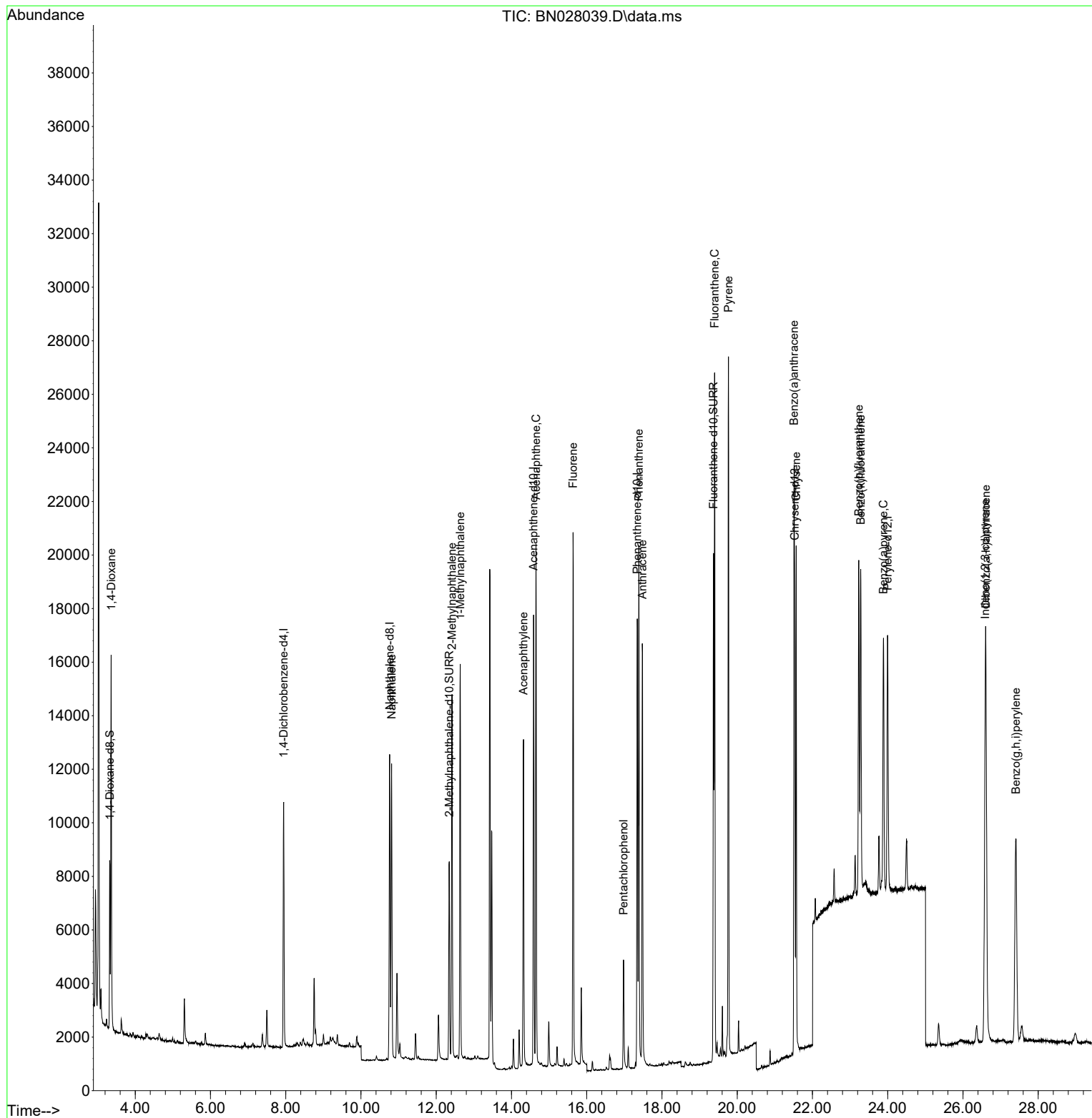
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	4755	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	15838	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	9518	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	20289	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	13627	0.400	ng/ul	0.00
23) Perylene-d12	23.997	264	13931	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	3935	0.659	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	9888	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	20570	0.476	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.359	88	9598	1.518	ng/ul	90
5) Naphthalene	10.812	128	14872	0.331	ng/ul	100
7) 2-Methylnaphthalene	12.418	142	9731	0.343	ng/ul	100
8) 1-Methylnaphthalene	12.638	142	10262	0.349	ng/ul	100
10) Acenaphthylene	14.319	152	14918	0.346	ng/ul	100
11) Acenaphthene	14.652	153	11385	0.331	ng/ul	99
12) Fluorene	15.637	166	12857	0.336	ng/ul	98
14) Pentachlorophenol	16.978	266	2985	0.686	ng/ul	99
15) Phenanthrene	17.384	178	20188	0.334	ng/ul	100
16) Anthracene	17.477	178	18292	0.338	ng/ul	100
19) Fluoranthene	19.399	202	21441	0.412	ng/ul	99
20) Pyrene	19.766	202	22024	0.408	ng/ul	99
21) Benzo(a)anthracene	21.510	228	17380	0.349	ng/ul	99
22) Chrysene	21.565	228	17055	0.339	ng/ul	98
24) Benzo(b)fluoranthene	23.231	252	17259	0.334	ng/ul	90
25) Benzo(k)fluoranthene	23.281	252	17200	0.335	ng/ul#	90
26) Benzo(a)pyrene	23.886	252	14959	0.340	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.592	276	21028	0.395	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.609	278	17248	0.398	ng/ul	95
29) Benzo(g,h,i)perylene	27.407	276	17941	0.412	ng/ul#	93

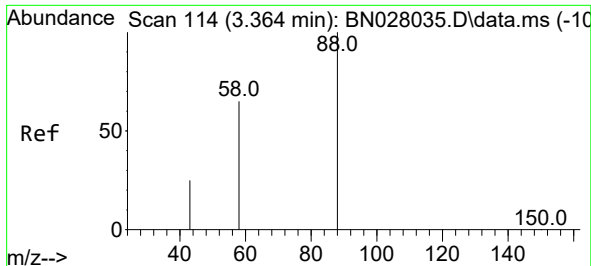
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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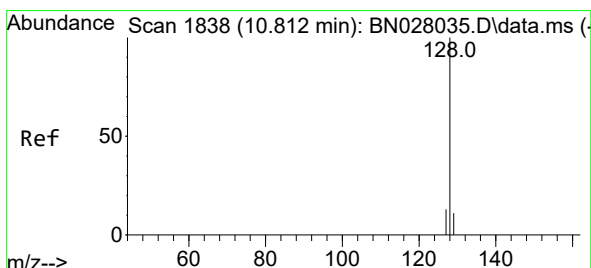
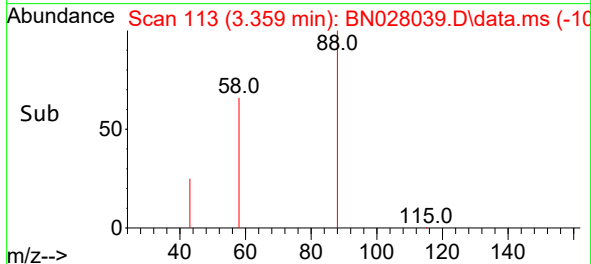
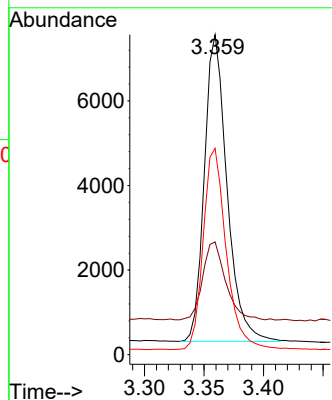
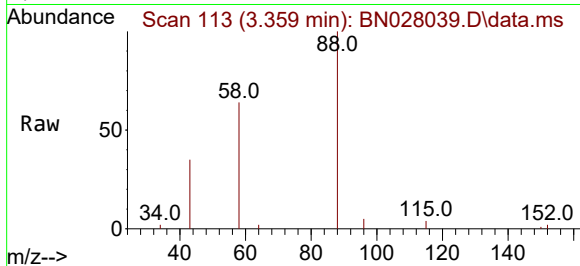




#2
1,4-Dioxane
Concen: 1.518 ng/ul
RT: 3.359 min Scan# 114
Delta R.T. -0.004 min
Lab File: BN028039.D
Acq: 04 Oct 2023 17:33

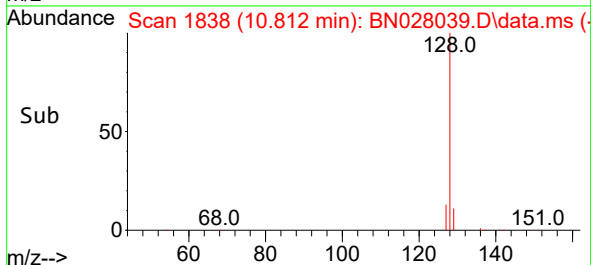
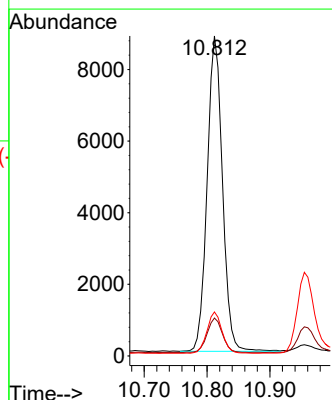
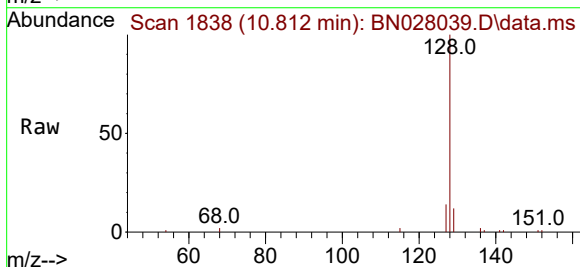
Instrument :
BNA_N
ClientSampleId :
SLCS913

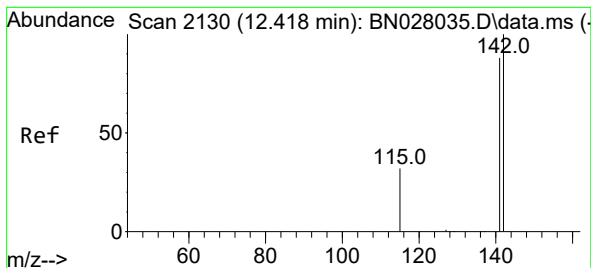
Tgt Ion: 88 Resp: 9598
Ion Ratio Lower Upper
88 100
43 35.3 33.4 50.2
58 64.4 45.7 68.5



#5
Naphthalene
Concen: 0.331 ng/ul
RT: 10.812 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BN028039.D
Acq: 04 Oct 2023 17:33

Tgt Ion: 128 Resp: 14872
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 13.7 11.0 16.4

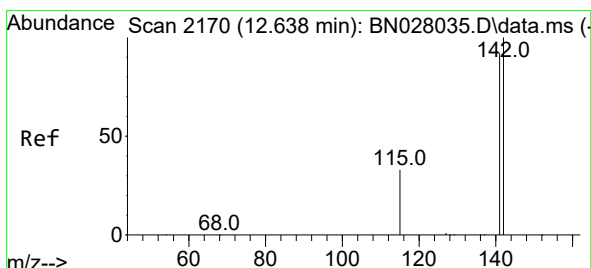
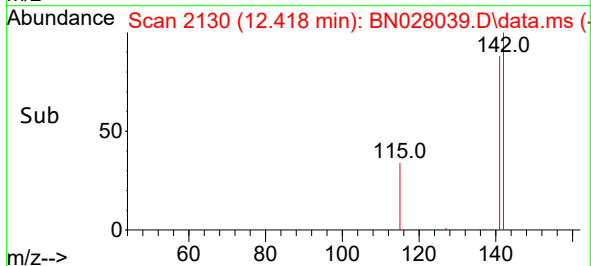
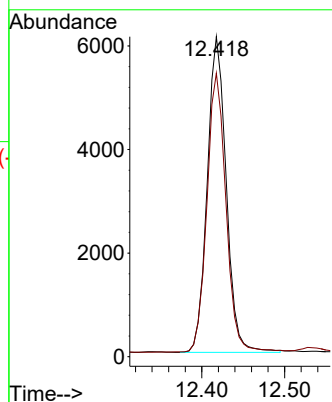
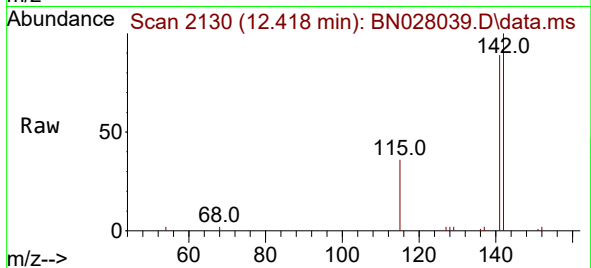




#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.418 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BN028039.D
Acq: 04 Oct 2023 17:33

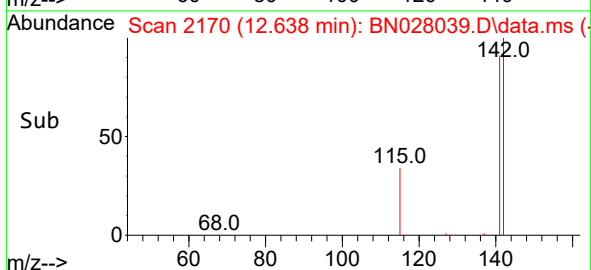
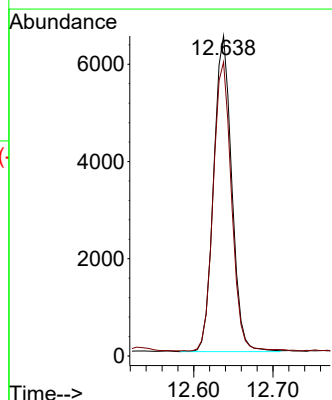
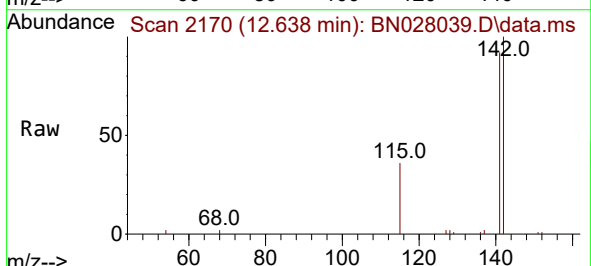
Instrument :
BNA_N
ClientSampleId :
SLCS913

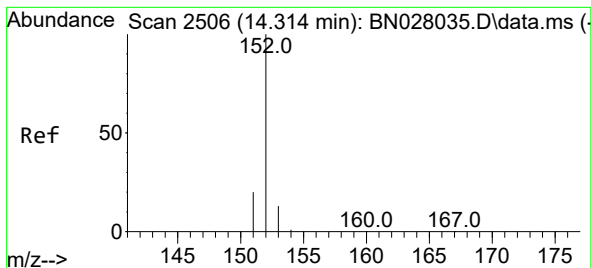
Tgt Ion:142 Resp: 9731
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.638 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BN028039.D
Acq: 04 Oct 2023 17:33

Tgt Ion:142 Resp: 10262
Ion Ratio Lower Upper
142 100
141 92.6 74.4 111.6





#10

Acenaphthylene

Concen: 0.346 ng/ul

RT: 14.319 min Scan# 2506

Delta R.T. -0.000 min

Lab File: BN028039.D

Acq: 04 Oct 2023 17:33

Instrument :

BNA_N

ClientSampleId :

SLCS913

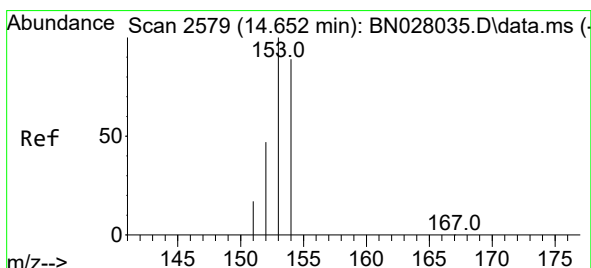
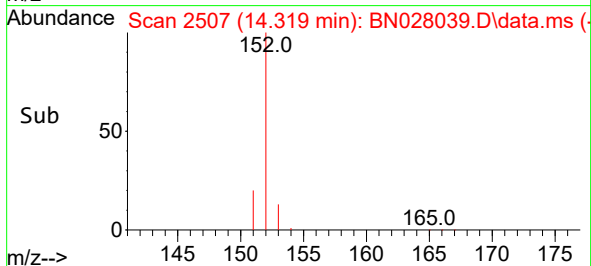
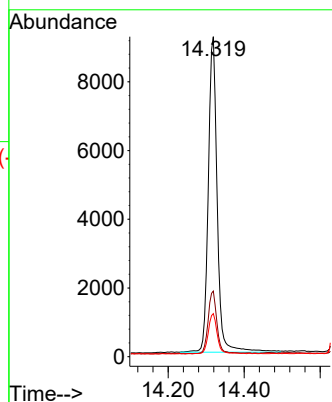
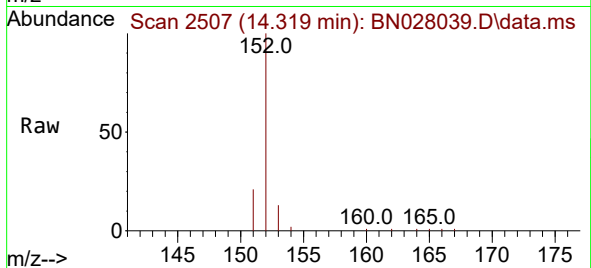
Tgt Ion:152 Resp: 14918

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.5 10.9 16.3



#11

Acenaphthene

Concen: 0.331 ng/ul

RT: 14.652 min Scan# 2579

Delta R.T. -0.005 min

Lab File: BN028039.D

Acq: 04 Oct 2023 17:33

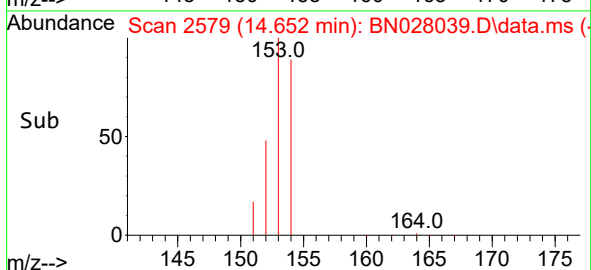
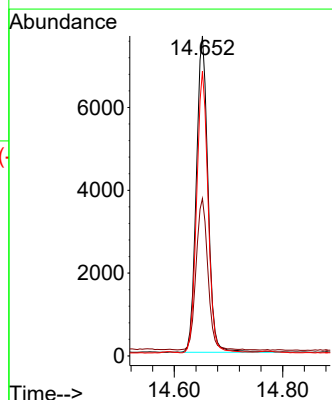
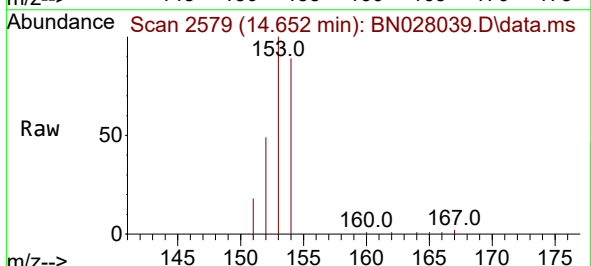
Tgt Ion:153 Resp: 11385

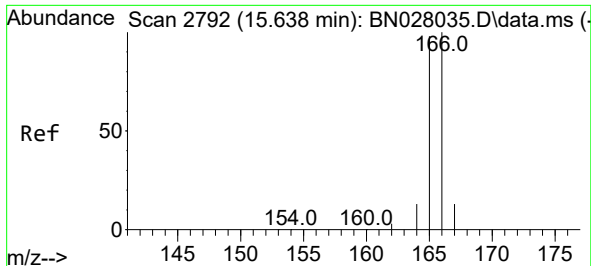
Ion Ratio Lower Upper

153 100

152 49.2 39.4 59.0

154 89.0 70.2 105.4

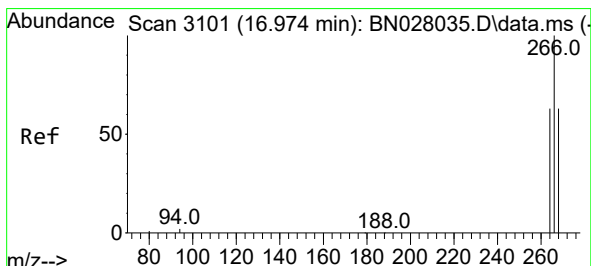
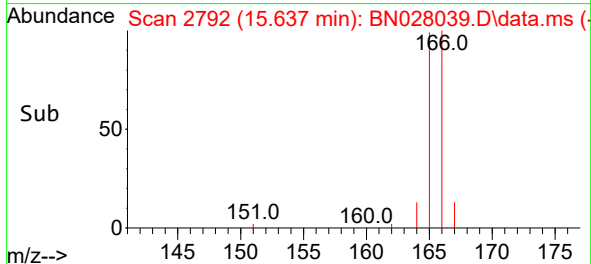
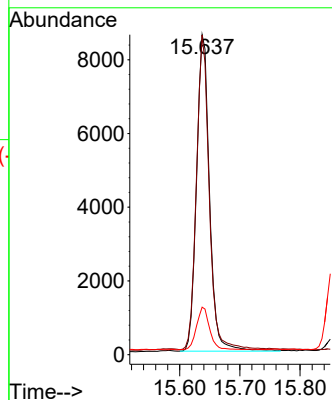
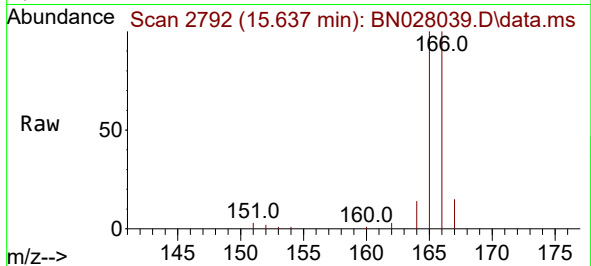




#12
Fluorene
Concen: 0.336 ng/ul
RT: 15.637 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028039.D
Acq: 04 Oct 2023 17:33

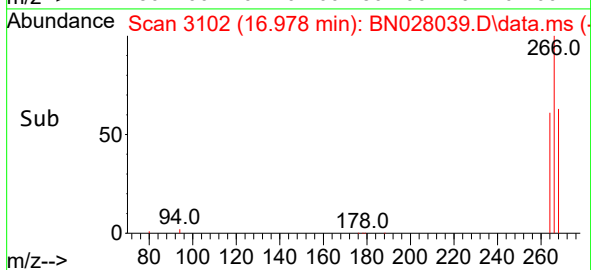
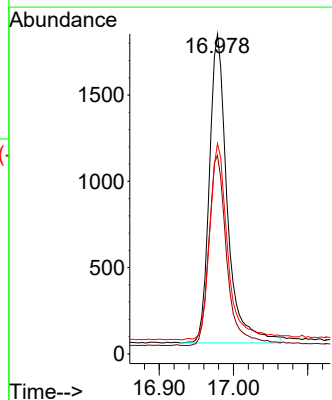
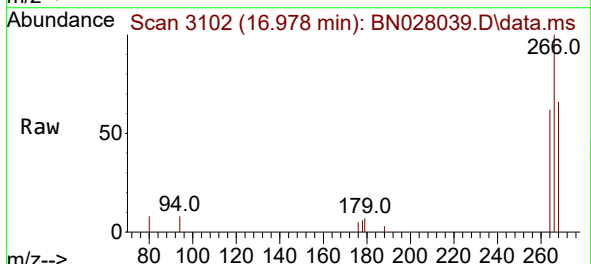
Instrument :
BNA_N
ClientSampleId :
SLCS913

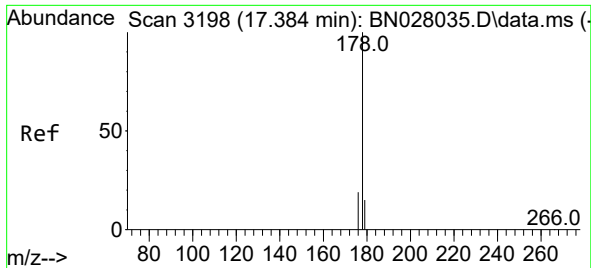
Tgt Ion:166 Resp: 12857
Ion Ratio Lower Upper
166 100
165 99.9 78.5 117.7
167 14.9 11.2 16.8



#14
Pentachlorophenol
Concen: 0.686 ng/ul
RT: 16.978 min Scan# 3102
Delta R.T. -0.008 min
Lab File: BN028039.D
Acq: 04 Oct 2023 17:33

Tgt Ion:266 Resp: 2985
Ion Ratio Lower Upper
266 100
264 62.2 49.6 74.4
268 64.6 52.2 78.4

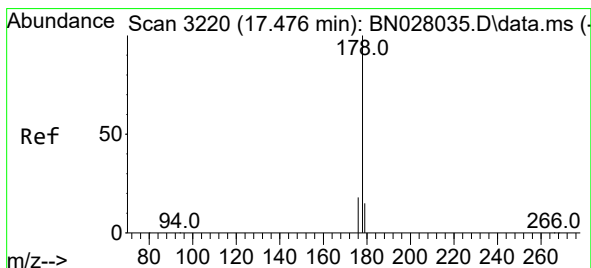
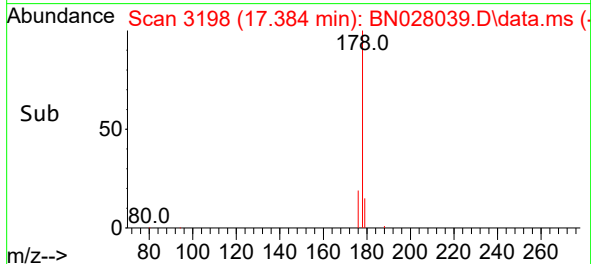
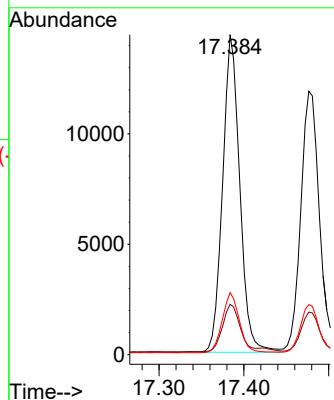
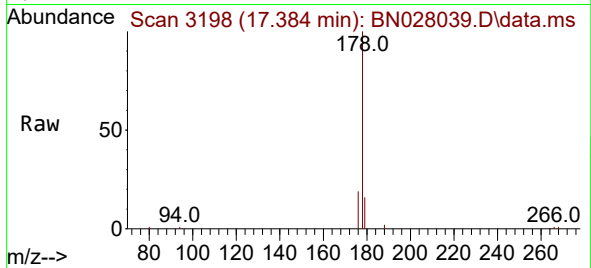




#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 17.384 min Scan# 3198
Delta R.T. -0.004 min
Lab File: BN028039.D
Acq: 04 Oct 2023 17:33

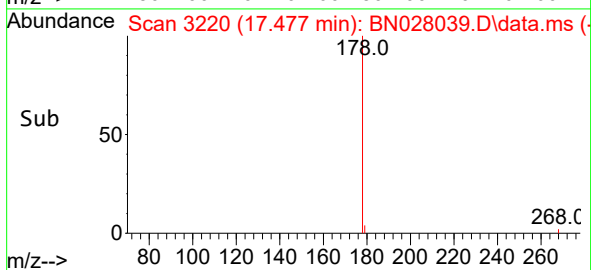
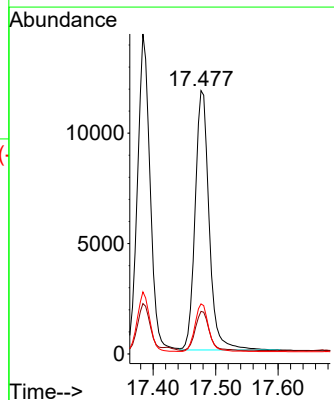
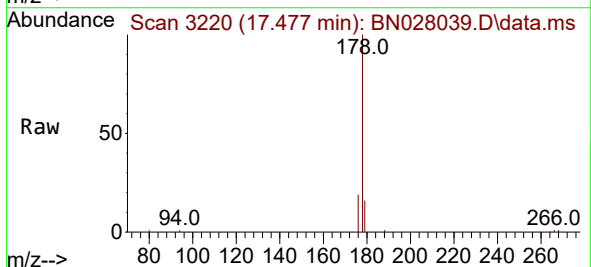
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SLCS913

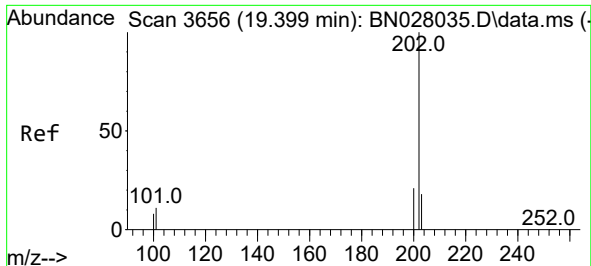
Tgt Ion:178 Resp: 20188
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.4 15.5 23.3



#16
Anthracene
Concen: 0.338 ng/ul
RT: 17.477 min Scan# 3220
Delta R.T. -0.004 min
Lab File: BN028039.D
Acq: 04 Oct 2023 17:33

Tgt Ion:178 Resp: 18292
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 19.0 15.0 22.6

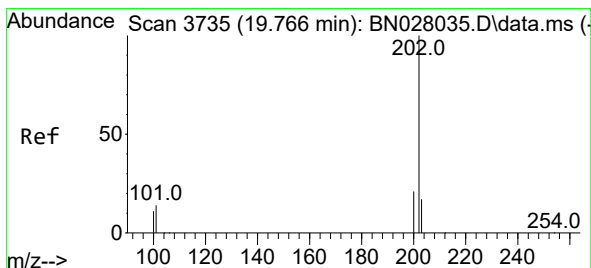
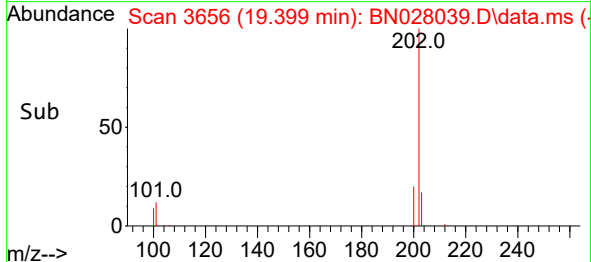
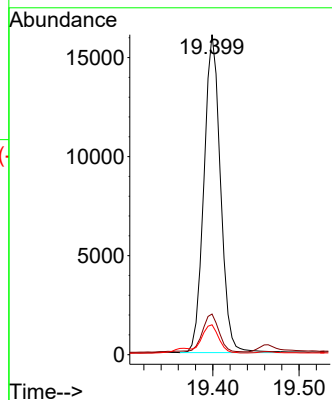
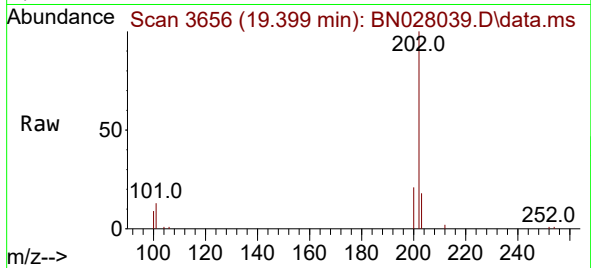




#19
Fluoranthene
Concen: 0.412 ng/ul
RT: 19.399 min Scan# 3656
Delta R.T. -0.004 min
Lab File: BN028039.D
Acq: 04 Oct 2023 17:33

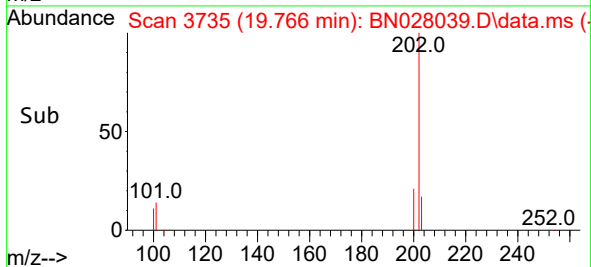
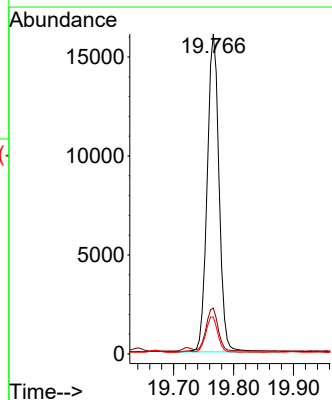
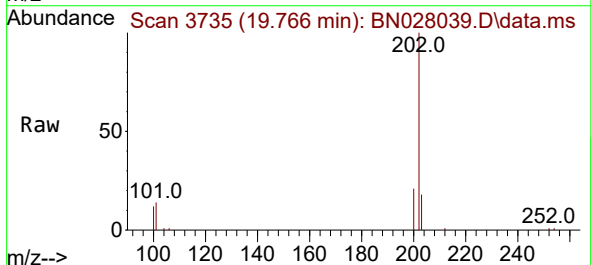
Instrument :
BNA_N
ClientSampleId :
SLCS913

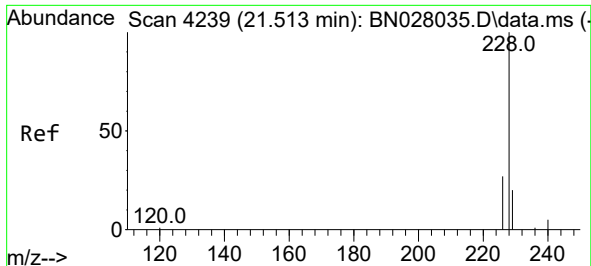
Tgt Ion:202 Resp: 21441
Ion Ratio Lower Upper
202 100
101 12.7 9.6 14.4
100 9.3 7.4 11.0



#20
Pyrene
Concen: 0.408 ng/ul
RT: 19.766 min Scan# 3735
Delta R.T. -0.004 min
Lab File: BN028039.D
Acq: 04 Oct 2023 17:33

Tgt Ion:202 Resp: 22024
Ion Ratio Lower Upper
202 100
101 14.4 11.2 16.8
100 11.5 9.1 13.7

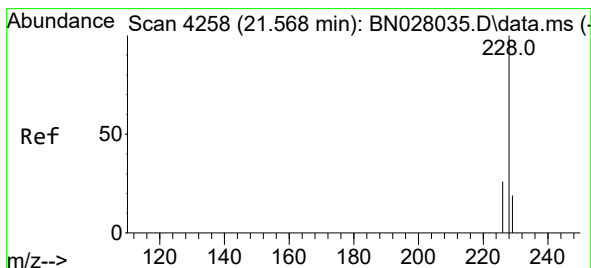
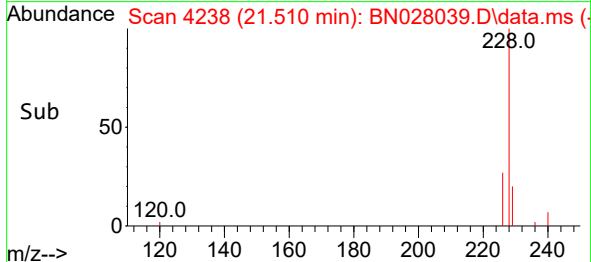
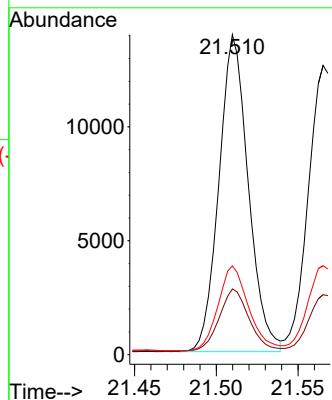
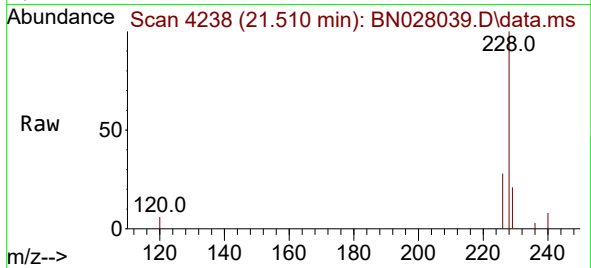




#21
Benzo(a)anthracene
Concen: 0.349 ng/ul
RT: 21.510 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN028039.D
Acq: 04 Oct 2023 17:33

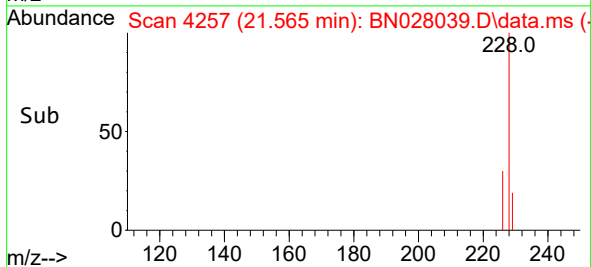
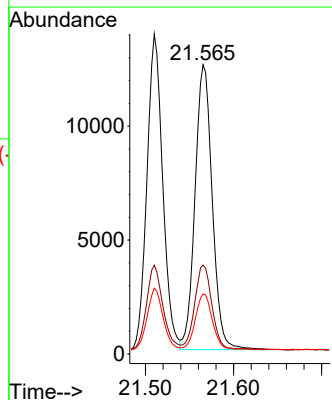
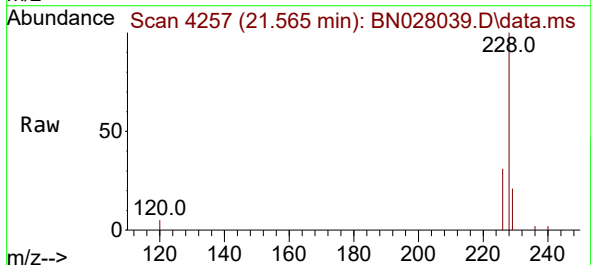
Instrument :
BNA_N
ClientSampleId :
SLCS913

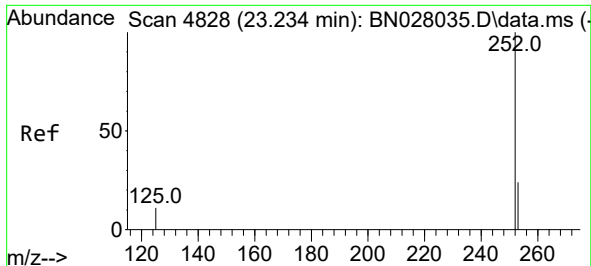
Tgt Ion:228 Resp: 17380
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 27.8 21.5 32.3



#22
Chrysene
Concen: 0.339 ng/ul
RT: 21.565 min Scan# 4257
Delta R.T. -0.009 min
Lab File: BN028039.D
Acq: 04 Oct 2023 17:33

Tgt Ion:228 Resp: 17055
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.8
229 20.7 16.0 24.0

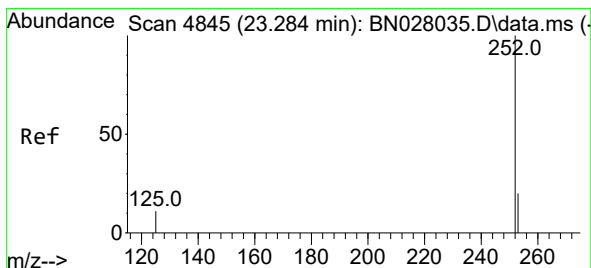
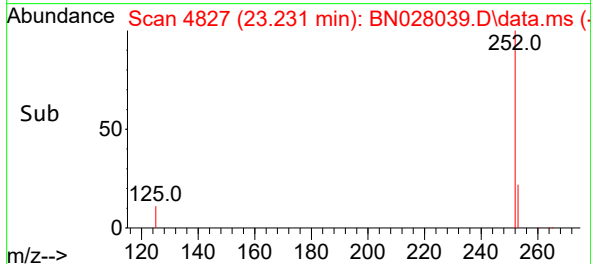
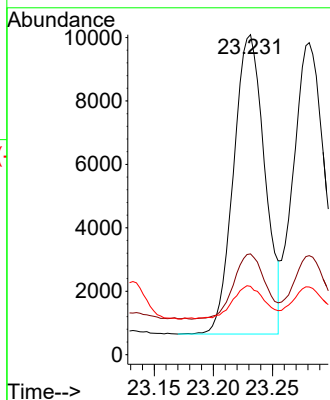
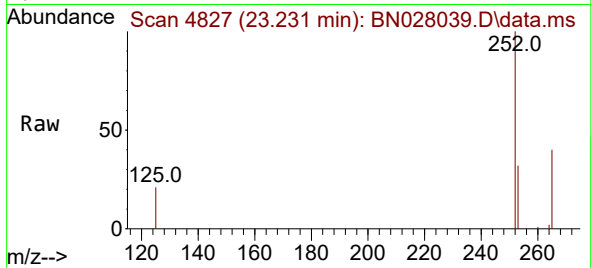




#24
Benzo(b)fluoranthene
Concen: 0.334 ng/ul
RT: 23.231 min Scan# 4827
Delta R.T. -0.009 min
Lab File: BN028039.D
Acq: 04 Oct 2023 17:33

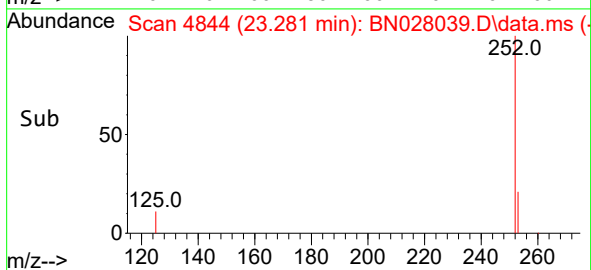
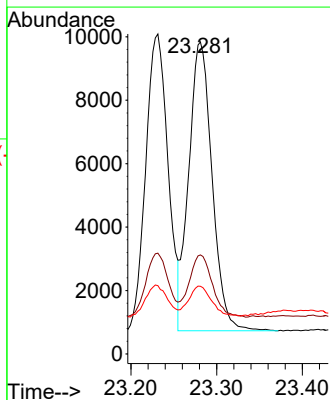
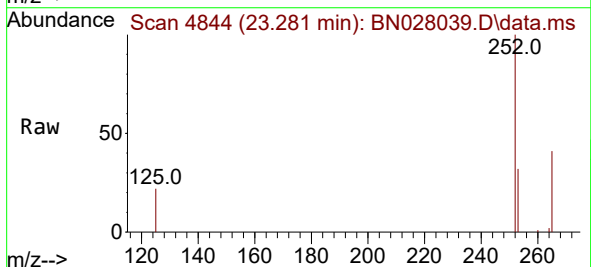
Instrument :
BNA_N
ClientSampleId :
SLCS913

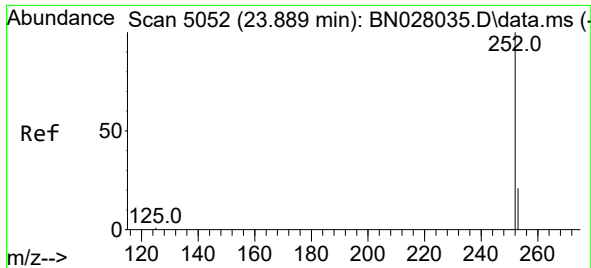
Tgt Ion:252 Resp: 17259
Ion Ratio Lower Upper
252 100
253 31.5 0.0 54.0
125 21.3 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.335 ng/ul
RT: 23.281 min Scan# 4844
Delta R.T. -0.009 min
Lab File: BN028039.D
Acq: 04 Oct 2023 17:33

Tgt Ion:252 Resp: 17200
Ion Ratio Lower Upper
252 100
253 31.8 21.8 32.8
125 21.7 12.8 19.2#

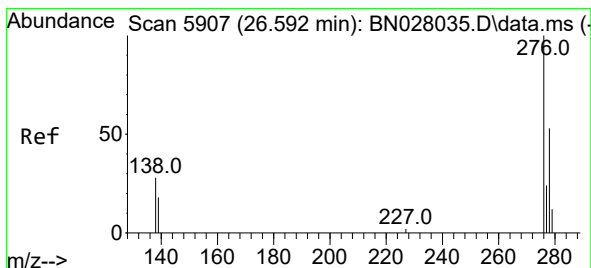
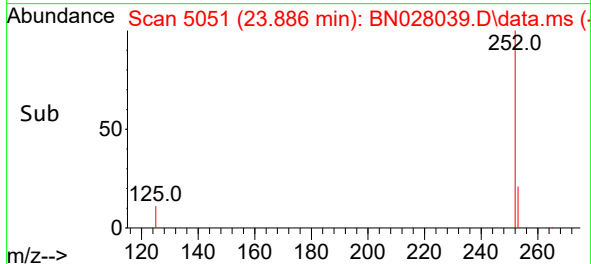
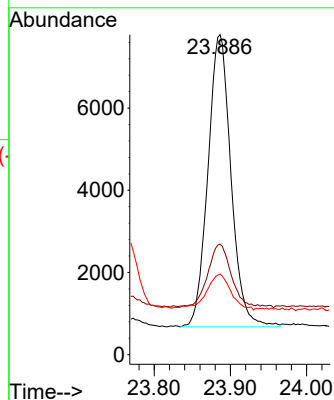
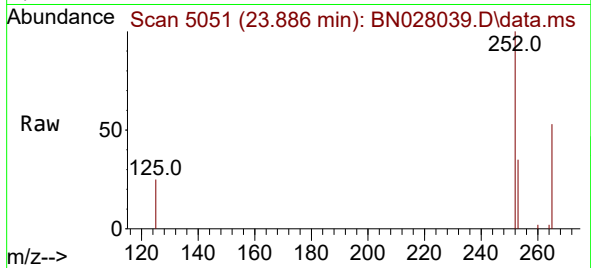




#26
Benzo(a)pyrene
Concen: 0.340 ng/ul
RT: 23.886 min Scan# 5051
Delta R.T. -0.009 min
Lab File: BN028039.D
Acq: 04 Oct 2023 17:33

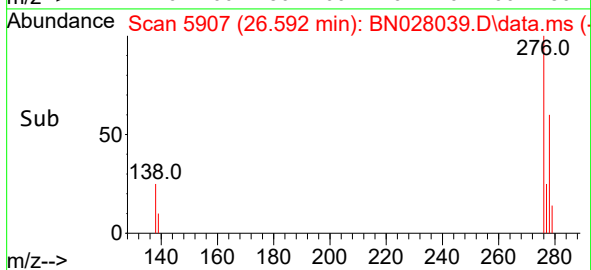
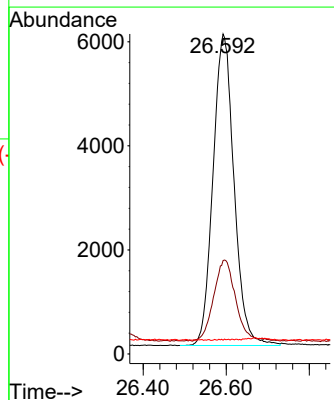
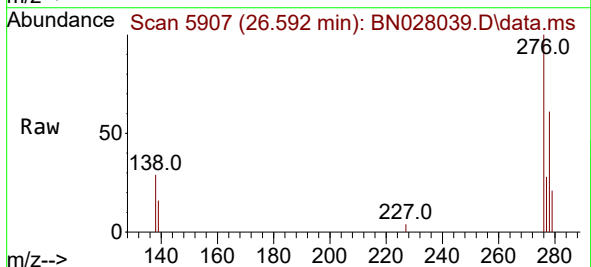
Instrument :
BNA_N
ClientSampleId :
SLCS913

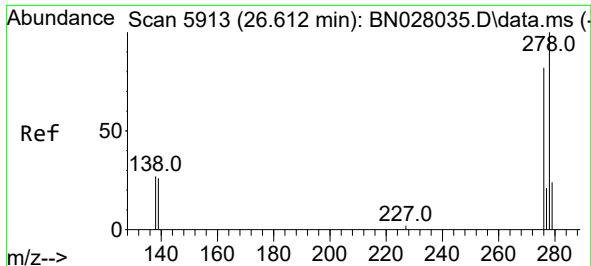
Tgt Ion:252 Resp: 14959
Ion Ratio Lower Upper
252 100
253 34.5 23.4 35.2
125 25.2 15.3 22.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng/ul
RT: 26.592 min Scan# 5907
Delta R.T. -0.010 min
Lab File: BN028039.D
Acq: 04 Oct 2023 17:33

Tgt Ion:276 Resp: 21028
Ion Ratio Lower Upper
276 100
138 27.3 21.6 32.4
227 0.1 0.2 0.2#

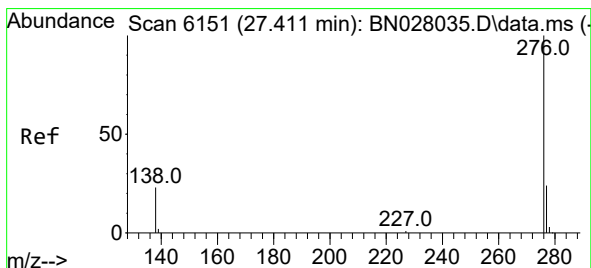
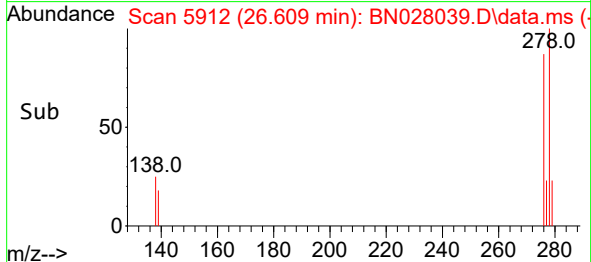
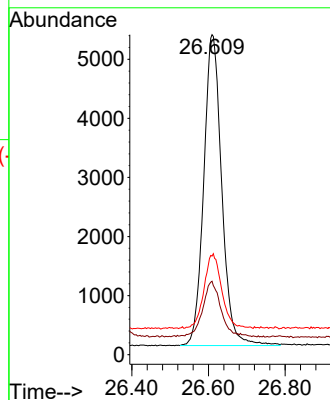
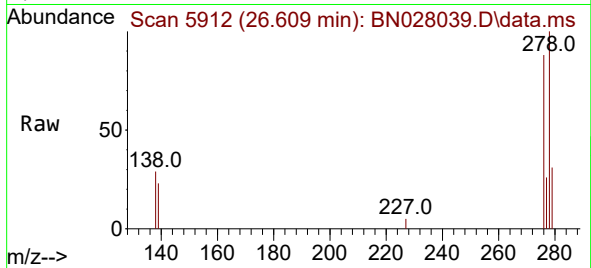




#28
Dibenzo(a,h)anthracene
Concen: 0.398 ng/ul
RT: 26.609 min Scan# 5913
Delta R.T. -0.010 min
Lab File: BN028039.D
Acq: 04 Oct 2023 17:33

Instrument :
BNA_N
ClientSampleId :
SLCS913

Tgt Ion:278 Resp: 17248
Ion Ratio Lower Upper
278 100
139 22.9 15.9 23.9
279 30.8 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.412 ng/ul
RT: 27.407 min Scan# 6150
Delta R.T. -0.013 min
Lab File: BN028039.D
Acq: 04 Oct 2023 17:33

Tgt Ion:276 Resp: 17941
Ion Ratio Lower Upper
276 100
138 29.7 19.8 29.6#
277 27.4 20.6 31.0

