

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028142.D
 Acq On : 08 Oct 2023 04:07
 Operator : MA/JU
 Sample : PB156055BS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS055

Quant Time: Oct 08 04:34:16 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 : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

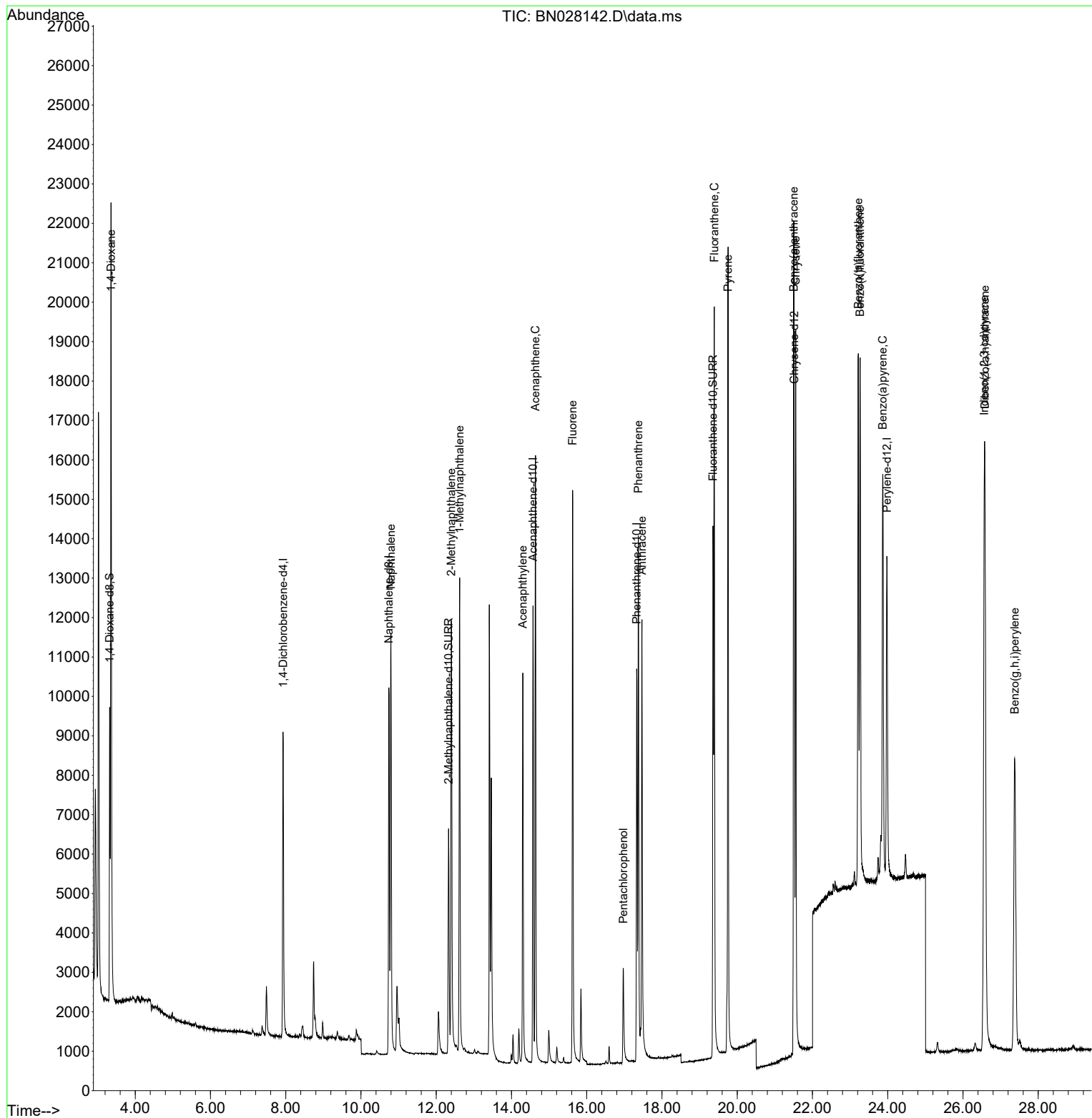
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	4684	0.400	ng/ul	0.00
4) Naphthalene-d8	10.741	136	13921	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.573	164	6801	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.329	188	12867	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	11350	0.400	ng/ul	0.00
23) Perylene-d12	23.977	264	12499	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	5117	0.870	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	8766	0.391	ng/ul	0.00
18) Fluoranthene-d10	19.357	212	15590	0.433	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.355	88	15212	2.442	ng/ul#	84
5) Naphthalene	10.796	128	15756	0.399	ng/ul	100
7) 2-Methylnaphthalene	12.401	142	9253	0.371	ng/ul	99
8) 1-Methylnaphthalene	12.621	142	9109	0.353	ng/ul	100
10) Acenaphthylene	14.301	152	12669	0.411	ng/ul	99
11) Acenaphthene	14.638	153	9791	0.399	ng/ul	99
12) Fluorene	15.624	166	10391	0.380	ng/ul	100
14) Pentachlorophenol	16.970	266	2159	0.782	ng/ul	100
15) Phenanthrene	17.375	178	15660	0.408	ng/ul	99
16) Anthracene	17.468	178	13723	0.400	ng/ul	99
19) Fluoranthene	19.390	202	17482	0.403	ng/ul	100
20) Pyrene	19.757	202	18102	0.403	ng/ul	100
21) Benzo(a)anthracene	21.501	228	17307	0.418	ng/ul	99
22) Chrysene	21.553	228	17573	0.420	ng/ul	99
24) Benzo(b)fluoranthene	23.217	252	18601	0.401	ng/ul	97
25) Benzo(k)fluoranthene	23.263	252	19492	0.423	ng/ul	98
26) Benzo(a)pyrene	23.869	252	17598	0.445	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.569	276	22394	0.468	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.582	278	18260	0.469	ng/ul	100
29) Benzo(g,h,i)perylene	27.374	276	18693	0.478	ng/ul	99

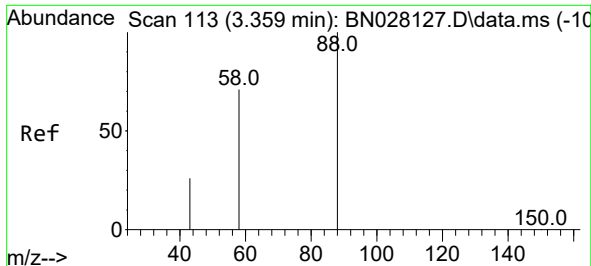
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028142.D
Acq On : 08 Oct 2023 04:07
Operator : MA/JU
Sample : PB156055BS
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS055

Quant Time: Oct 08 04:34:16 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 : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration

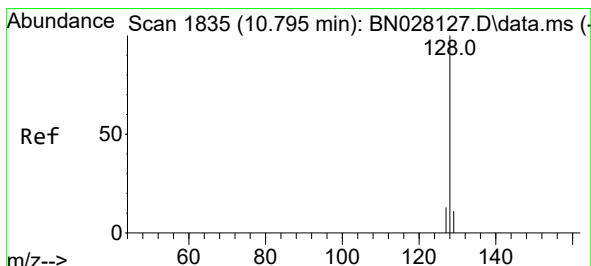
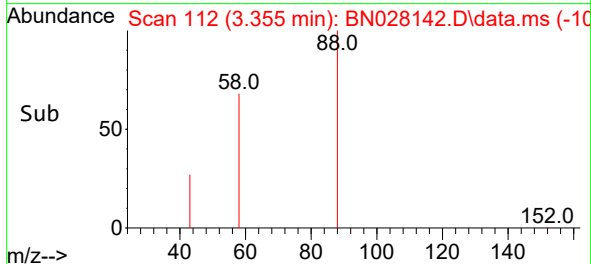
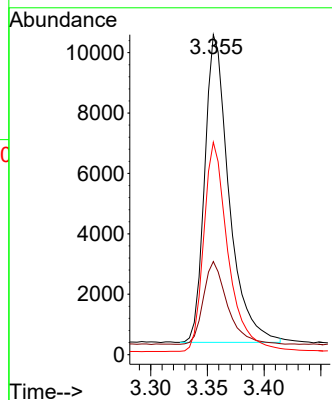
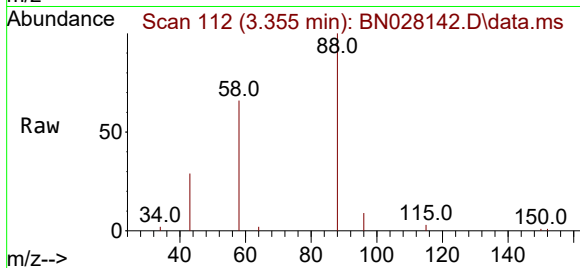




#2
1,4-Dioxane
Concen: 2.442 ng/ul
RT: 3.355 min Scan# 113
Delta R.T. -0.008 min
Lab File: BN028142.D
Acq: 08 Oct 2023 04:07

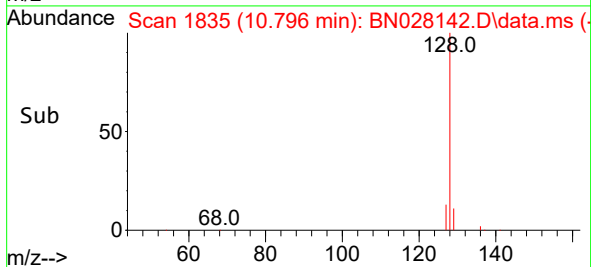
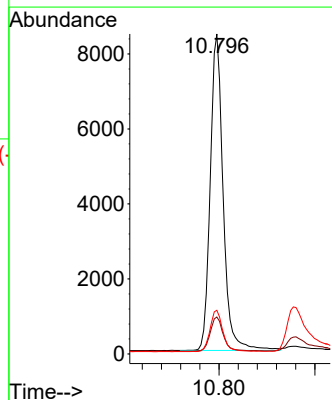
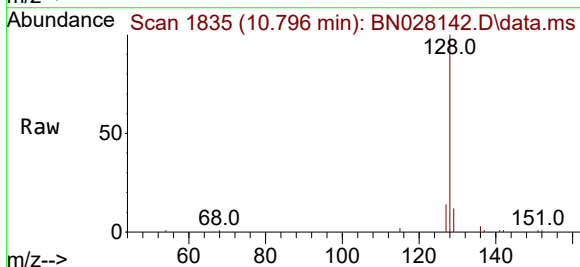
Instrument :
BNA_N
ClientSampleId :
SLCS055

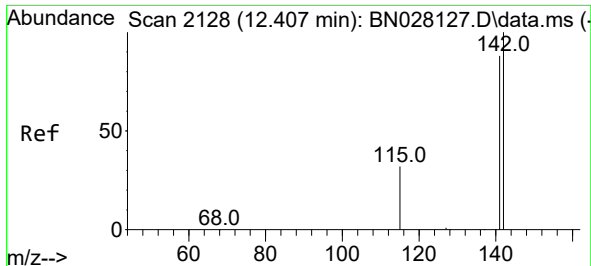
Tgt Ion: 88 Resp: 15212
Ion Ratio Lower Upper
88 100
43 29.1 33.4 50.2#
58 66.4 45.7 68.5



#5
Naphthalene
Concen: 0.399 ng/ul
RT: 10.796 min Scan# 1835
Delta R.T. -0.011 min
Lab File: BN028142.D
Acq: 08 Oct 2023 04:07

Tgt Ion: 128 Resp: 15756
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.6 11.0 16.4

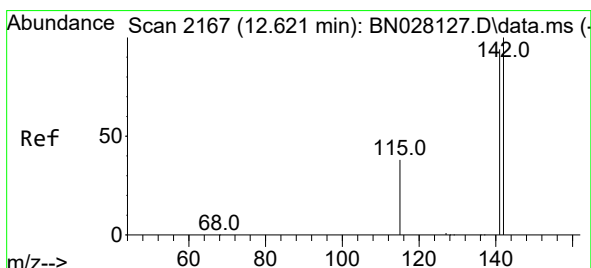
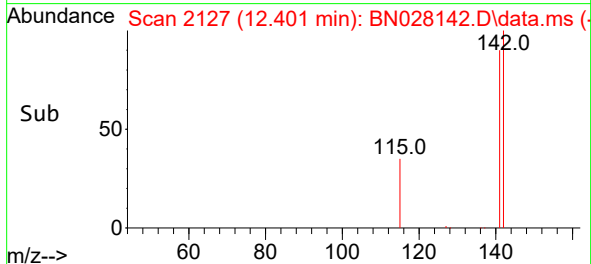
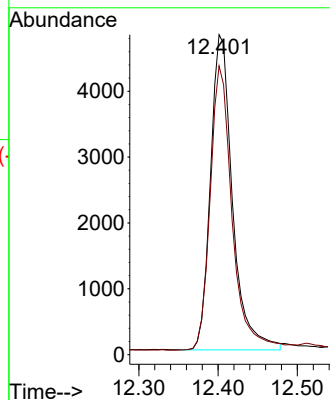
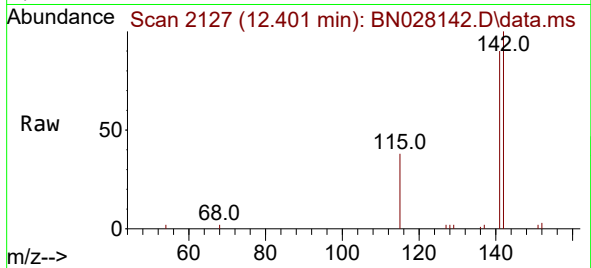




#7
2-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.401 min Scan# 2127
Delta R.T. -0.011 min
Lab File: BN028142.D
Acq: 08 Oct 2023 04:07

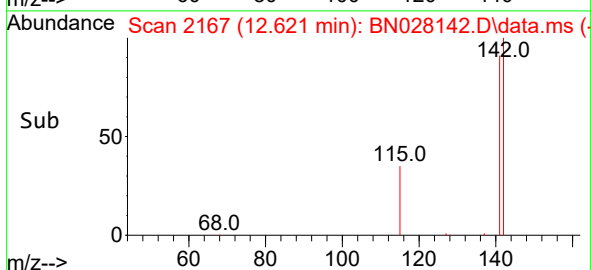
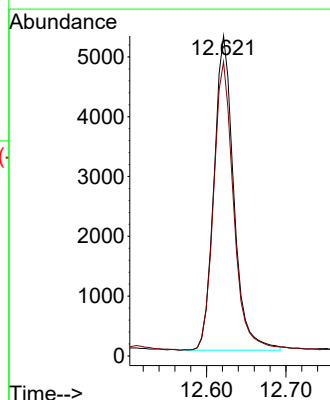
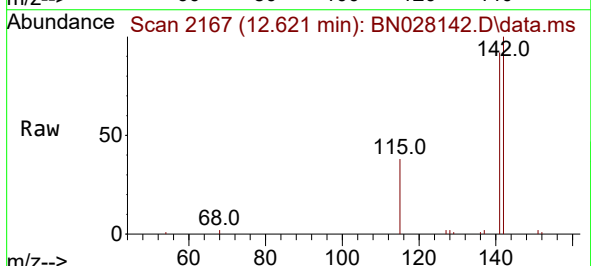
Instrument :
BNA_N
ClientSampleId :
SLCS055

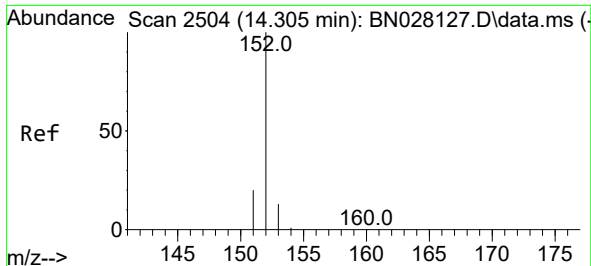
Tgt Ion:142 Resp: 9253
Ion Ratio Lower Upper
142 100
141 89.7 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.621 min Scan# 2167
Delta R.T. -0.005 min
Lab File: BN028142.D
Acq: 08 Oct 2023 04:07

Tgt Ion:142 Resp: 9109
Ion Ratio Lower Upper
142 100
141 92.7 74.4 111.6

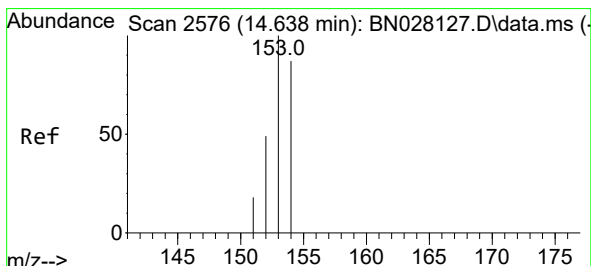
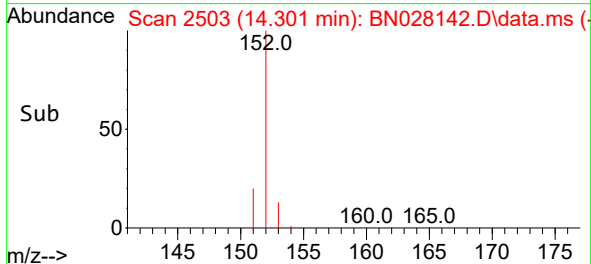
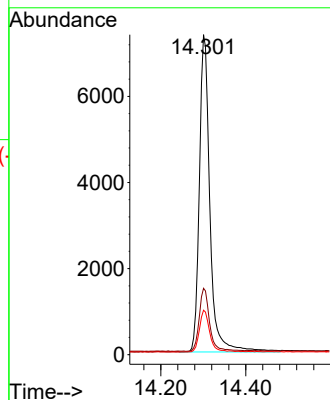
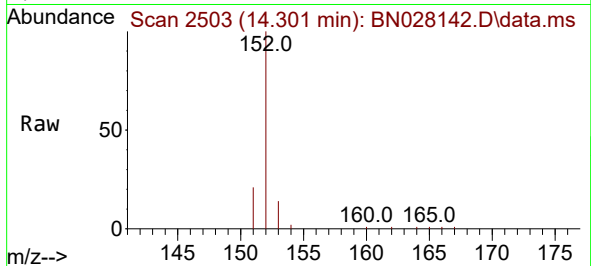




#10
Acenaphthylene
Concen: 0.411 ng/ul
RT: 14.301 min Scan# 2503
Delta R.T. -0.009 min
Lab File: BN028142.D
Acq: 08 Oct 2023 04:07

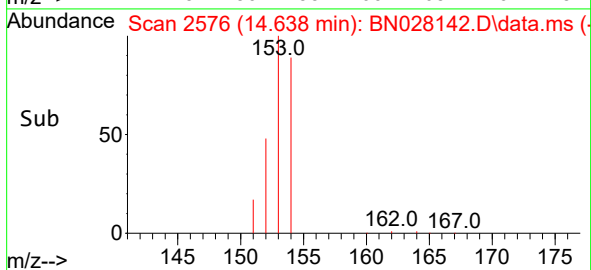
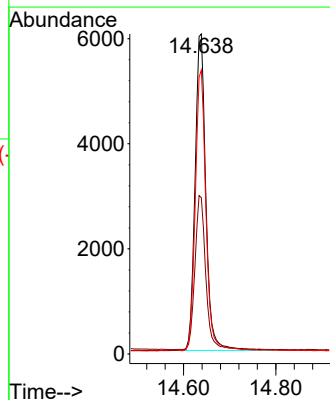
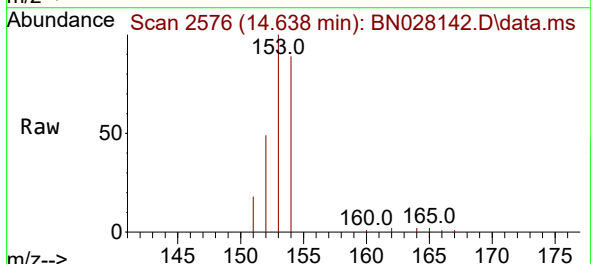
Instrument :
BNA_N
ClientSampleId :
SLCS055

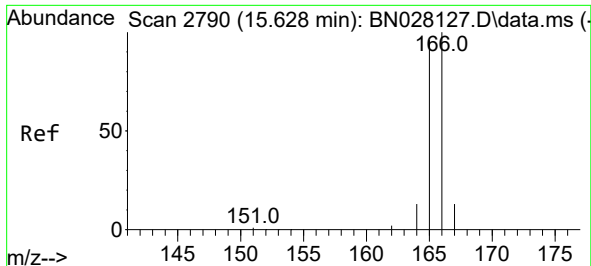
Tgt Ion:152 Resp: 12669
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.9 10.9 16.3



#11
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.638 min Scan# 2576
Delta R.T. -0.004 min
Lab File: BN028142.D
Acq: 08 Oct 2023 04:07

Tgt Ion:153 Resp: 9791
Ion Ratio Lower Upper
153 100
152 48.8 39.4 59.0
154 88.7 70.2 105.4

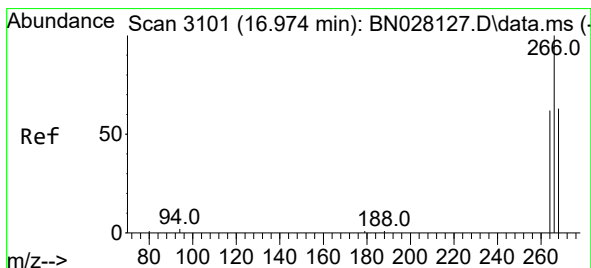
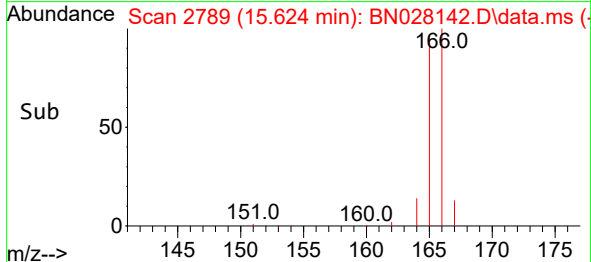
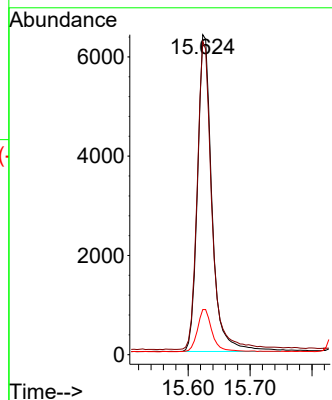
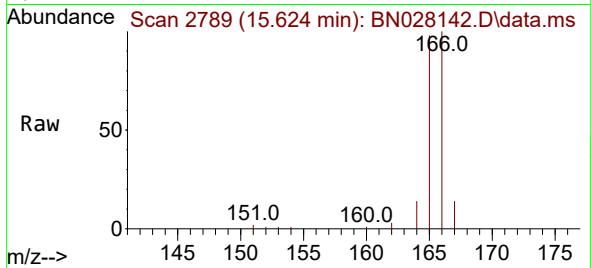




#12
Fluorene
Concen: 0.380 ng/ul
RT: 15.624 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN028142.D
Acq: 08 Oct 2023 04:07

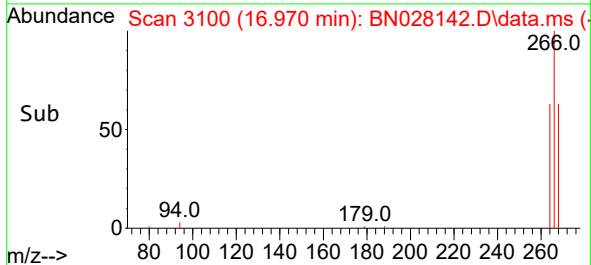
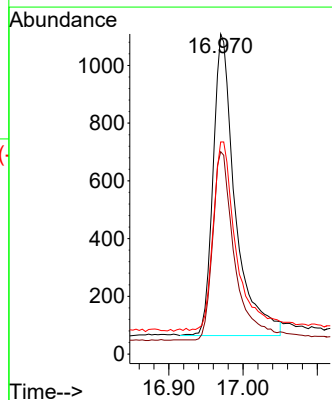
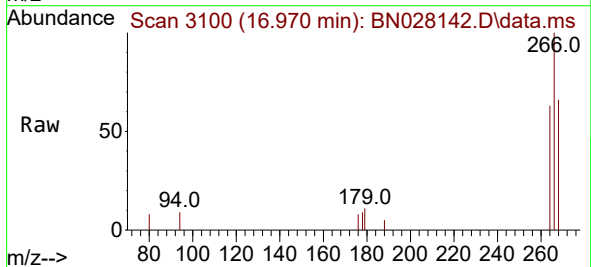
Instrument :
BNA_N
ClientSampleId :
SLCS055

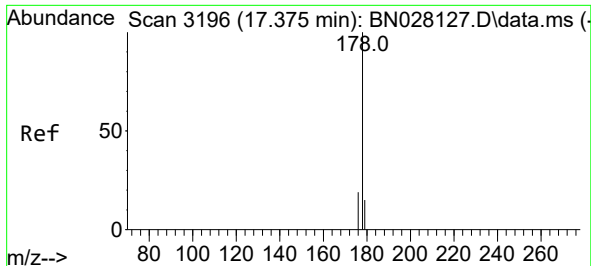
Tgt Ion:166 Resp: 10391
Ion Ratio Lower Upper
166 100
165 97.8 78.5 117.7
167 14.1 11.2 16.8



#14
Pentachlorophenol
Concen: 0.782 ng/ul
RT: 16.970 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN028142.D
Acq: 08 Oct 2023 04:07

Tgt Ion:266 Resp: 2159
Ion Ratio Lower Upper
266 100
264 61.6 49.6 74.4
268 65.0 52.2 78.4

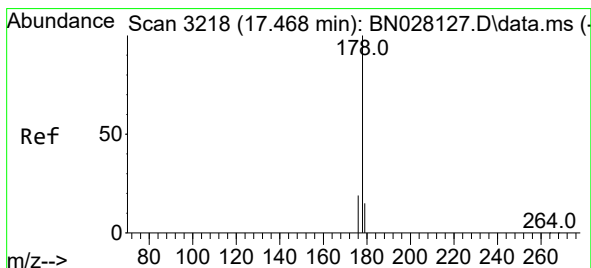
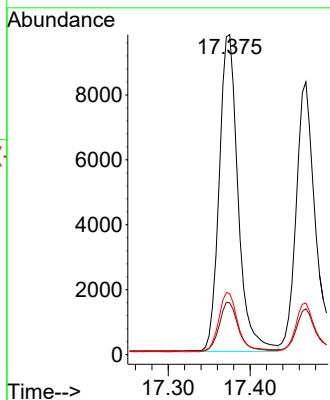
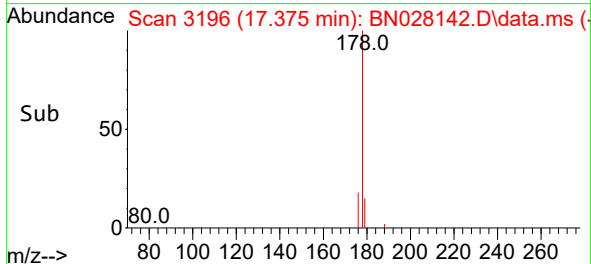
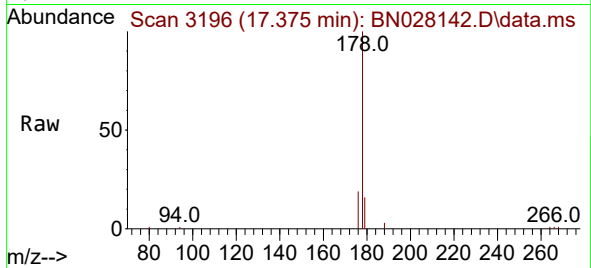




#15
Phenanthrene
Concen: 0.408 ng/ul
RT: 17.375 min Scan# 3196
Delta R.T. -0.000 min
Lab File: BN028142.D
Acq: 08 Oct 2023 04:07

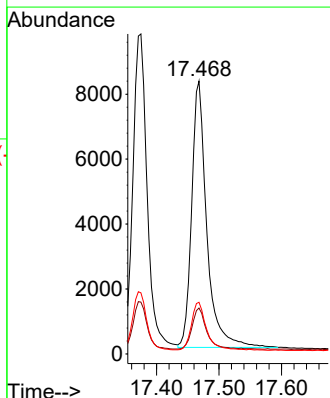
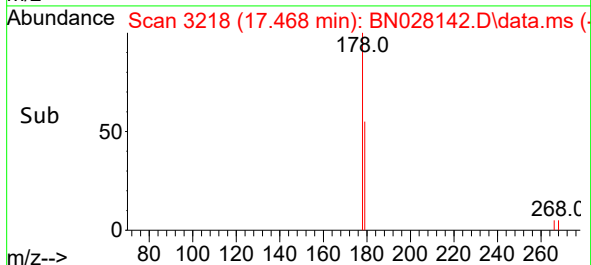
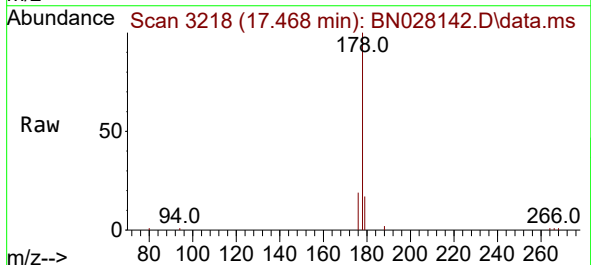
Instrument :
BNA_N
ClientSampleId :
SLCS055

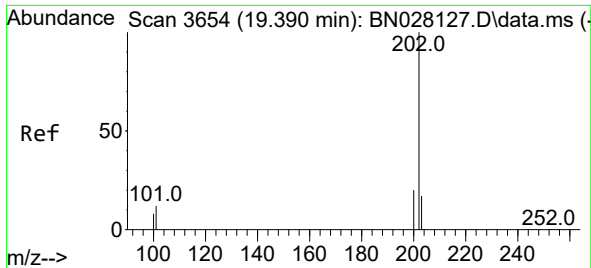
Tgt Ion:178 Resp: 15660
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.1 15.5 23.3



#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.468 min Scan# 3218
Delta R.T. -0.000 min
Lab File: BN028142.D
Acq: 08 Oct 2023 04:07

Tgt Ion:178 Resp: 13723
Ion Ratio Lower Upper
178 100
179 16.8 12.8 19.2
176 19.0 15.0 22.6

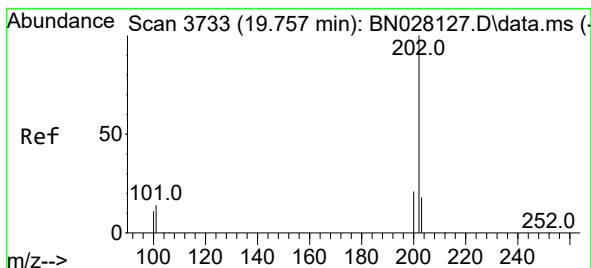
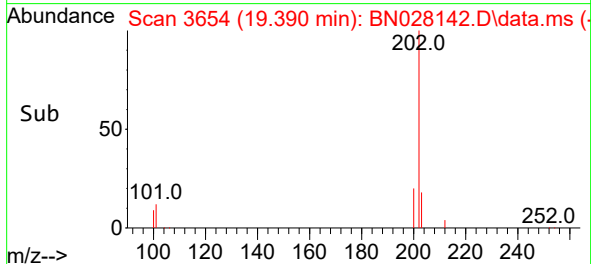
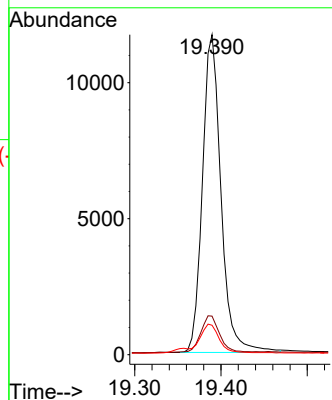
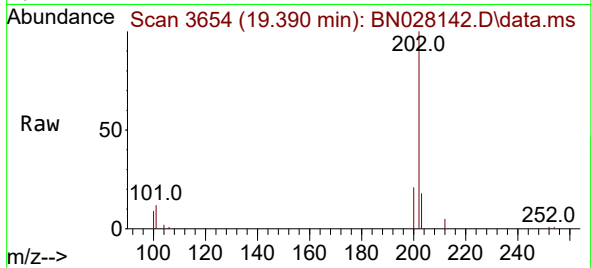




#19
Fluoranthene
Concen: 0.403 ng/ul
RT: 19.390 min Scan# 3654
Delta R.T. -0.000 min
Lab File: BN028142.D
Acq: 08 Oct 2023 04:07

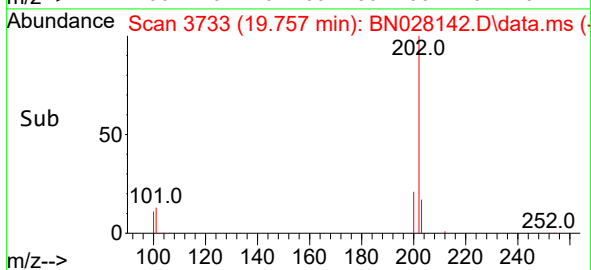
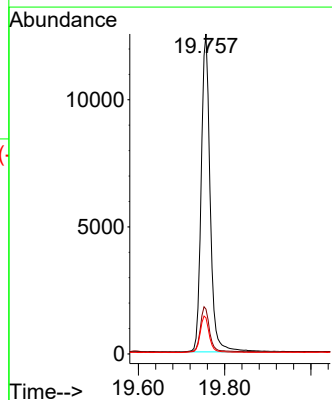
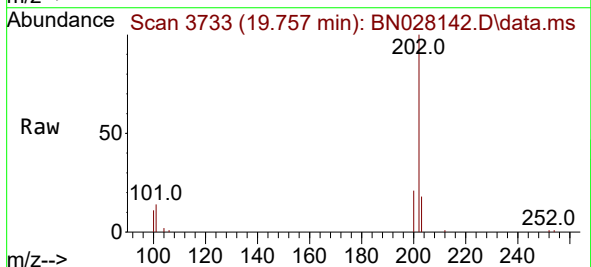
Instrument :
BNA_N
ClientSampleId :
SLCS055

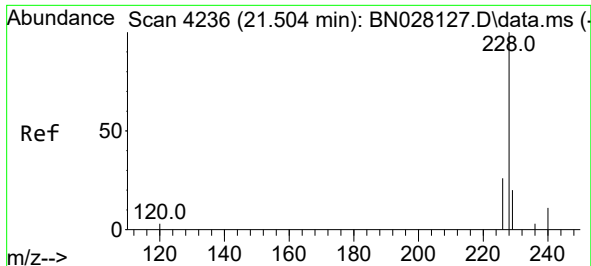
Tgt Ion:202 Resp: 17482
Ion Ratio Lower Upper
202 100
101 12.1 9.6 14.4
100 9.2 7.4 11.0



#20
Pyrene
Concen: 0.403 ng/ul
RT: 19.757 min Scan# 3733
Delta R.T. -0.000 min
Lab File: BN028142.D
Acq: 08 Oct 2023 04:07

Tgt Ion:202 Resp: 18102
Ion Ratio Lower Upper
202 100
101 14.0 11.2 16.8
100 11.3 9.1 13.7

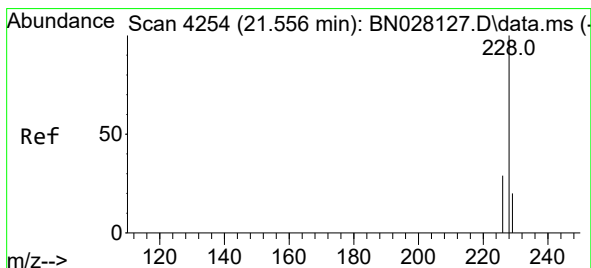
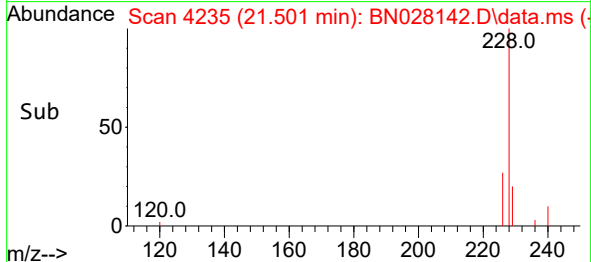
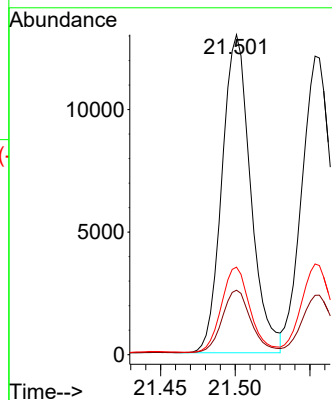
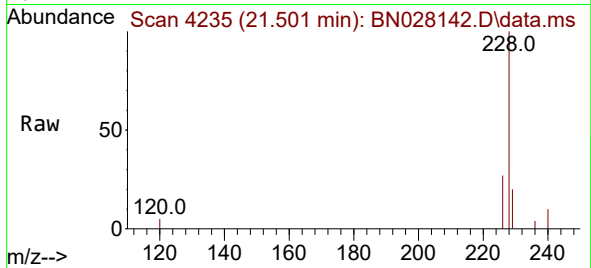




#21
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.501 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN028142.D
Acq: 08 Oct 2023 04:07

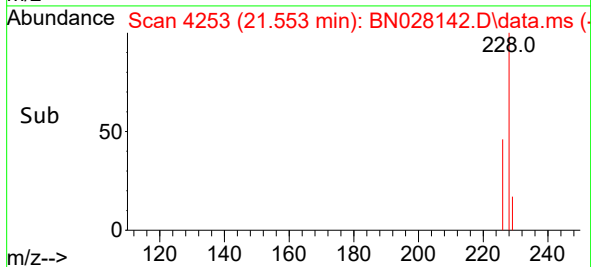
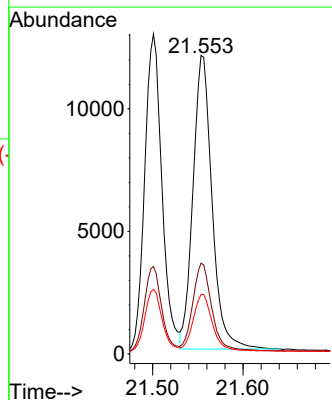
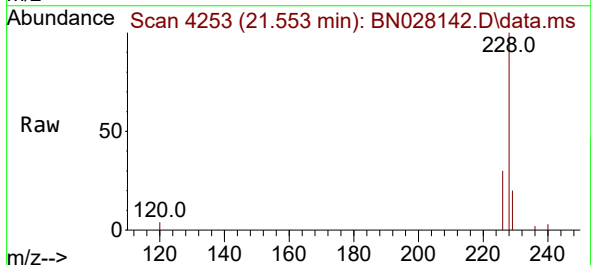
Instrument :
BNA_N
ClientSampleId :
SLCS055

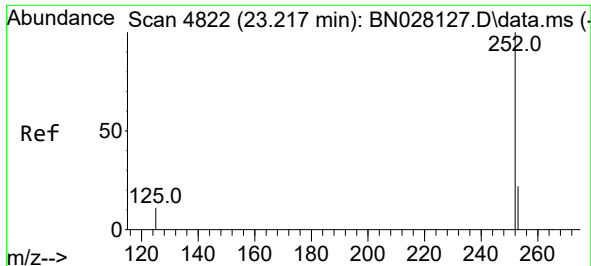
Tgt Ion:228 Resp: 17307
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 27.4 21.5 32.3



#22
Chrysene
Concen: 0.420 ng/ul
RT: 21.553 min Scan# 4253
Delta R.T. -0.003 min
Lab File: BN028142.D
Acq: 08 Oct 2023 04:07

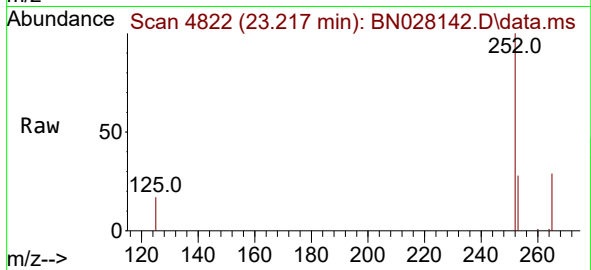
Tgt Ion:228 Resp: 17573
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.8
229 19.9 16.0 24.0



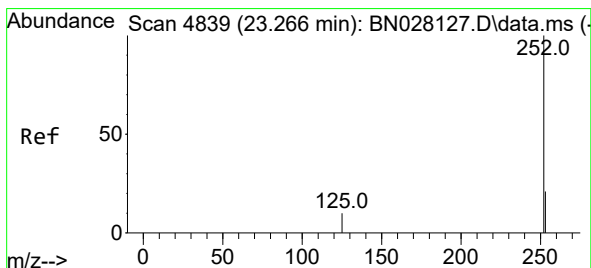
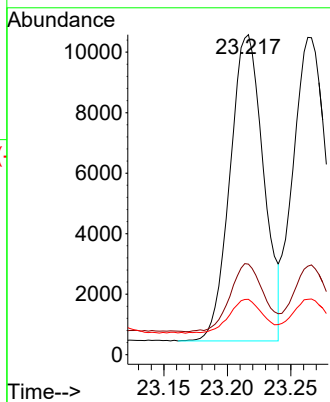
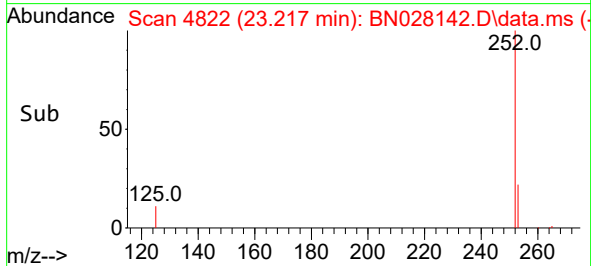


#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 23.217 min Scan# 4822
Delta R.T. -0.000 min
Lab File: BN028142.D
Acq: 08 Oct 2023 04:07

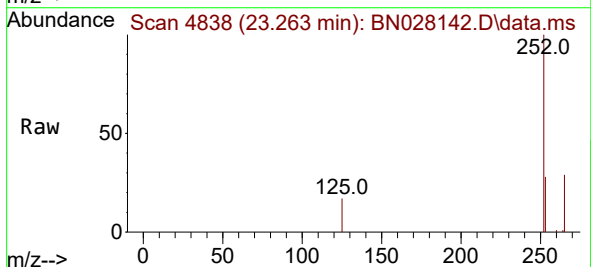
Instrument :
BNA_N
ClientSampleId :
SLCS055



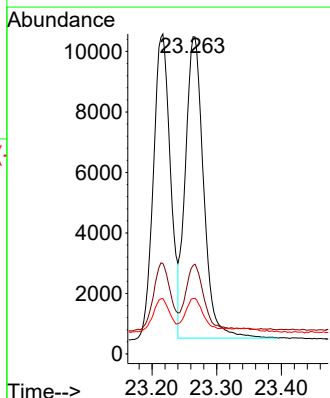
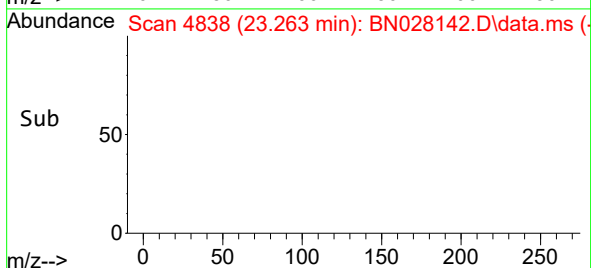
Tgt Ion:252 Resp: 18601
Ion Ratio Lower Upper
252 100
253 28.3 0.0 54.0
125 17.3 0.0 31.4

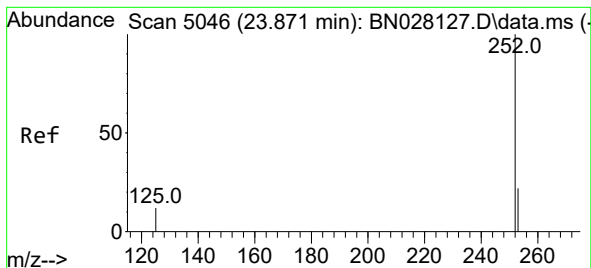


#25
Benzo(k)fluoranthene
Concen: 0.423 ng/ul
RT: 23.263 min Scan# 4838
Delta R.T. -0.003 min
Lab File: BN028142.D
Acq: 08 Oct 2023 04:07



Tgt Ion:252 Resp: 19492
Ion Ratio Lower Upper
252 100
253 27.9 21.8 32.8
125 17.4 12.8 19.2





#26

Benzo(a)pyrene

Concen: 0.445 ng/ul

RT: 23.869 min Scan# 5046

Delta R.T. -0.000 min

Lab File: BN028142.D

Acq: 08 Oct 2023 04:07

Instrument :

BNA_N

ClientSampleId :

SLCS055

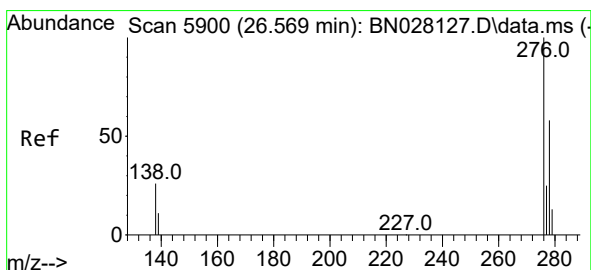
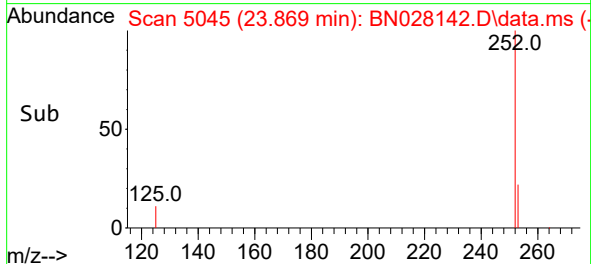
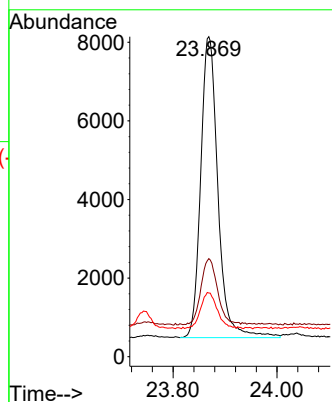
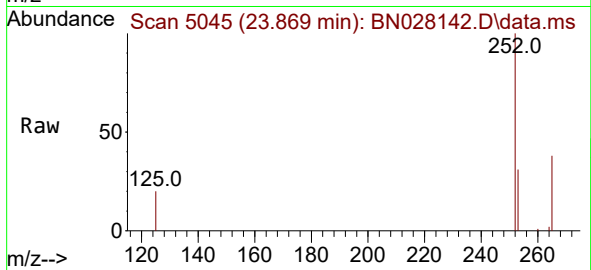
Tgt Ion:252 Resp: 17598

Ion Ratio Lower Upper

252 100

253 30.7 23.4 35.2

125 19.9 15.3 22.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.468 ng/ul

RT: 26.569 min Scan# 5900

Delta R.T. 0.003 min

Lab File: BN028142.D

Acq: 08 Oct 2023 04:07

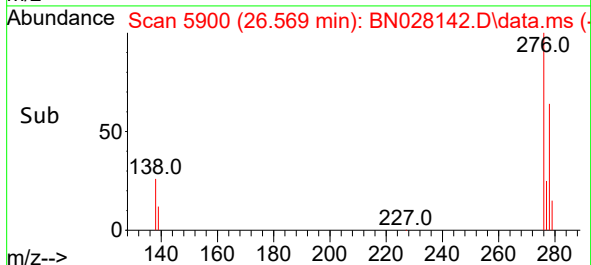
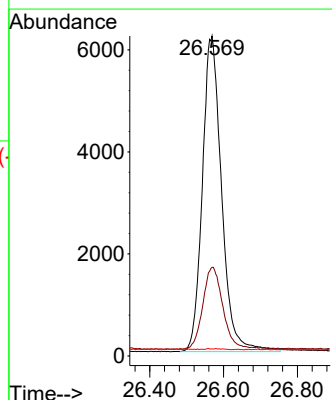
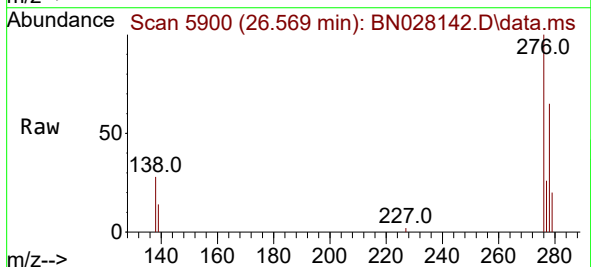
Tgt Ion:276 Resp: 22394

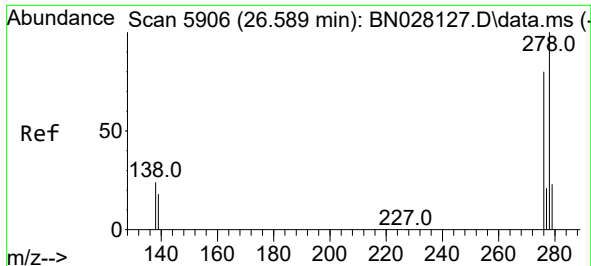
Ion Ratio Lower Upper

276 100

138 27.1 21.6 32.4

227 0.0 0.2 0.2#

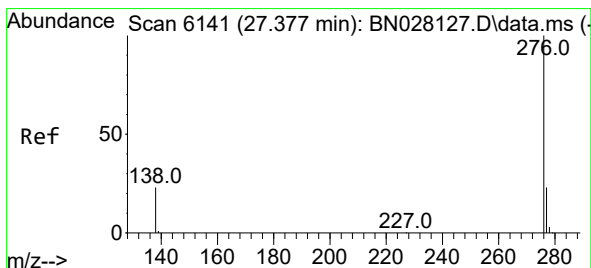
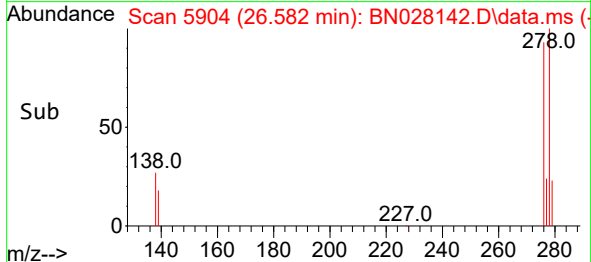
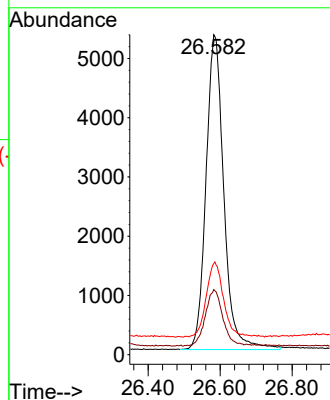
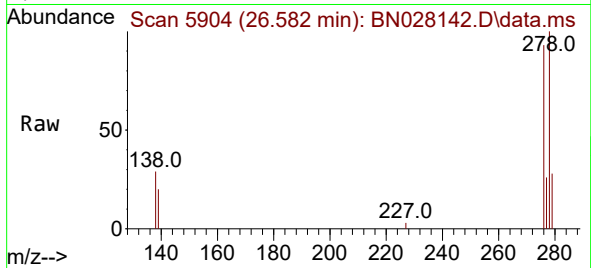




#28
Dibenzo(a,h)anthracene
Concen: 0.469 ng/ul
RT: 26.582 min Scan# 5906
Delta R.T. -0.000 min
Lab File: BN028142.D
Acq: 08 Oct 2023 04:07

Instrument :
BNA_N
ClientSampleId :
SLCS055

Tgt Ion:278 Resp: 18260
Ion Ratio Lower Upper
278 100
139 20.4 15.9 23.9
279 28.5 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.478 ng/ul
RT: 27.374 min Scan# 6140
Delta R.T. -0.004 min
Lab File: BN028142.D
Acq: 08 Oct 2023 04:07

Tgt Ion:276 Resp: 18693
Ion Ratio Lower Upper
276 100
138 25.7 19.8 29.6
277 25.6 20.6 31.0

