

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028143.D
 Acq On : 08 Oct 2023 04:44
 Operator : MA/JU
 Sample : PB155976BS
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS976

Quant Time: Oct 08 05:12:09 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)

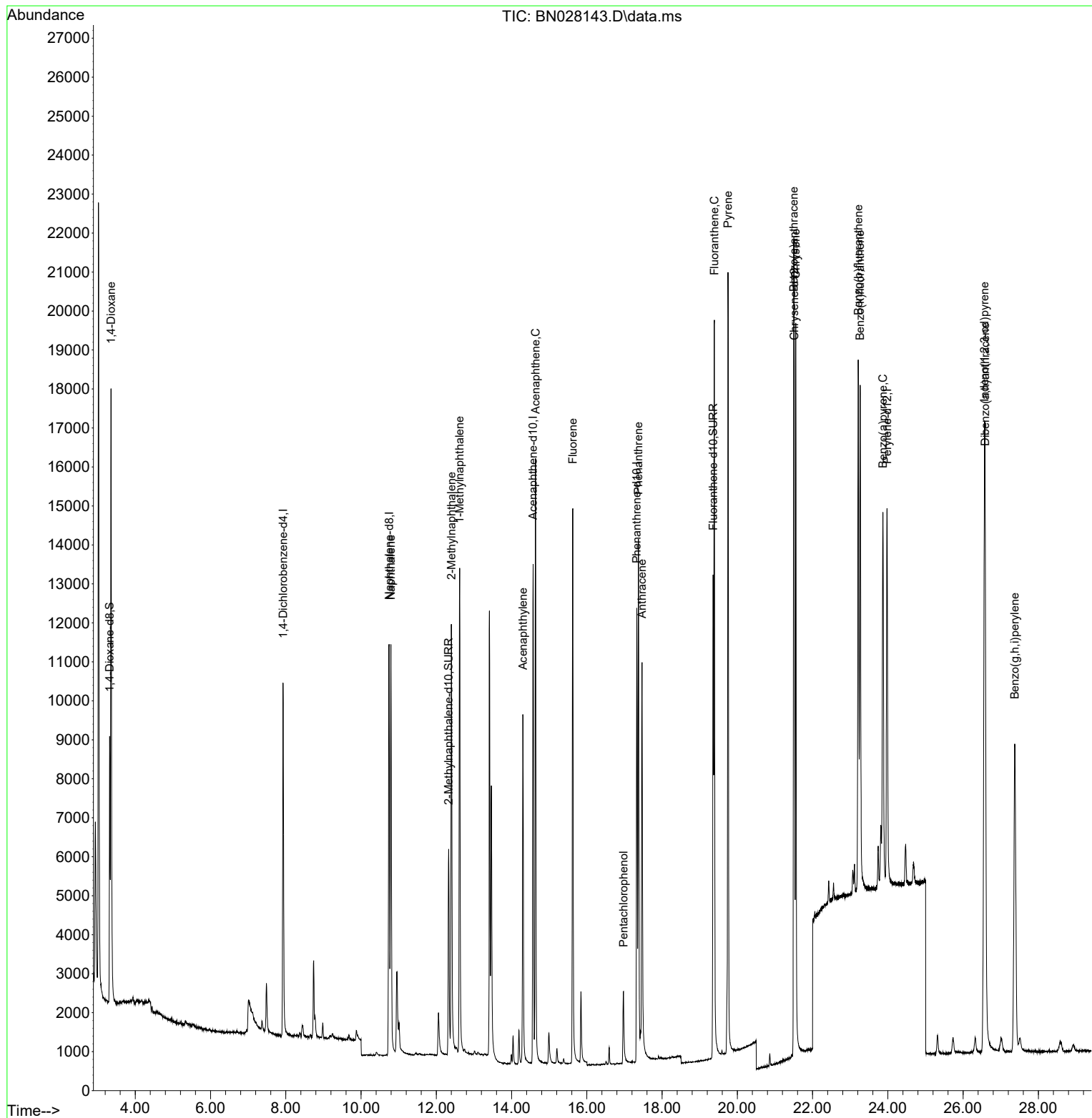
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	5179	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	15852	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.573	164	7736	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.329	188	14654	0.400	ng/ul	0.00
17) Chrysene-d12	21.516	240	12946	0.400	ng/ul	0.00
23) Perylene-d12	23.980	264	14044	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	4675	0.719	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	8050	0.315	ng/ul	0.00
18) Fluoranthene-d10	19.357	212	14479	0.353	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.355	88	12008	1.743	ng/ul#	84
5) Naphthalene	10.795	128	15331	0.341	ng/ul	100
7) 2-Methylnaphthalene	12.401	142	8945	0.315	ng/ul	99
8) 1-Methylnaphthalene	12.621	142	9476	0.322	ng/ul	99
10) Acenaphthylene	14.300	152	11577	0.330	ng/ul	99
11) Acenaphthene	14.638	153	9481	0.339	ng/ul	99
12) Fluorene	15.628	166	10172	0.327	ng/ul	98
14) Pentachlorophenol	16.974	266	1658	0.528	ng/ul	99
15) Phenanthrene	17.371	178	15404	0.353	ng/ul	99
16) Anthracene	17.468	178	13284	0.340	ng/ul	98
19) Fluoranthene	19.390	202	17221	0.348	ng/ul	100
20) Pyrene	19.752	202	18026	0.352	ng/ul	98
21) Benzo(a)anthracene	21.501	228	16749	0.354	ng/ul	100
22) Chrysene	21.554	228	17526	0.367	ng/ul	99
24) Benzo(b)fluoranthene	23.214	252	18737	0.360	ng/ul	98
25) Benzo(k)fluoranthene	23.263	252	19069	0.368	ng/ul	98
26) Benzo(a)pyrene	23.869	252	15945	0.359	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.569	276	22311	0.415	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.586	278	18264	0.418	ng/ul	99
29) Benzo(g,h,i)perylene	27.374	276	18857	0.429	ng/ul	98

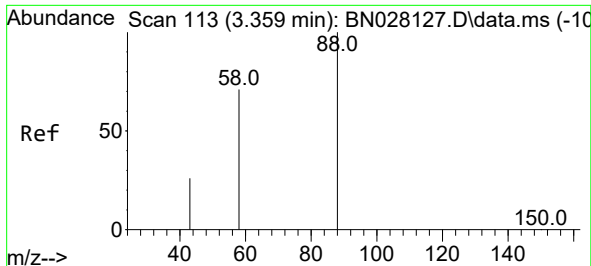
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028143.D
Acq On : 08 Oct 2023 04:44
Operator : MA/JU
Sample : PB155976BS
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS976

Quant Time: Oct 08 05:12:09 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

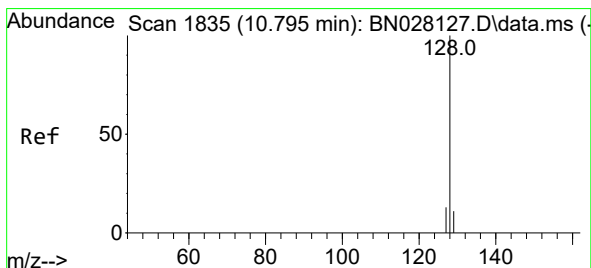
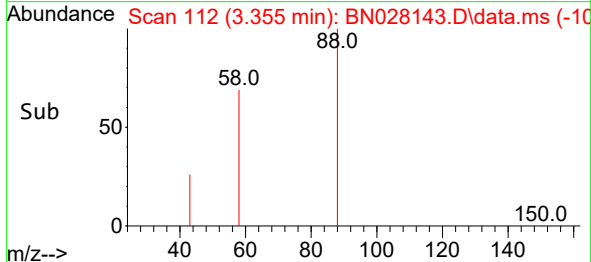
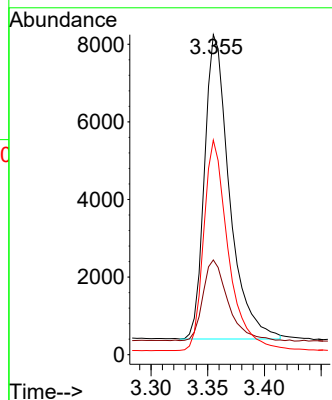
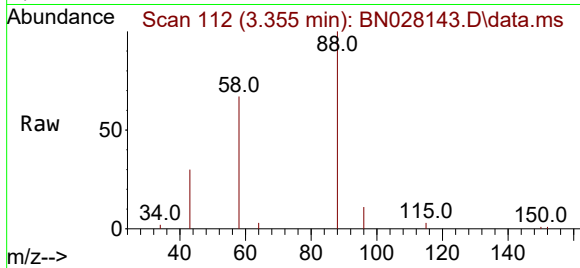




#2
1,4-Dioxane
Concen: 1.743 ng/ul
RT: 3.355 min Scan# 113
Delta R.T. -0.009 min
Lab File: BN028143.D
Acq: 08 Oct 2023 04:44

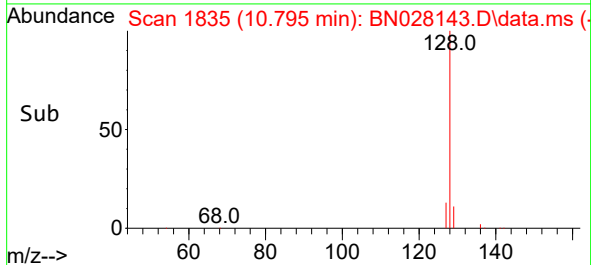
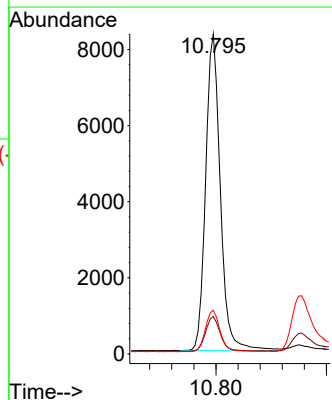
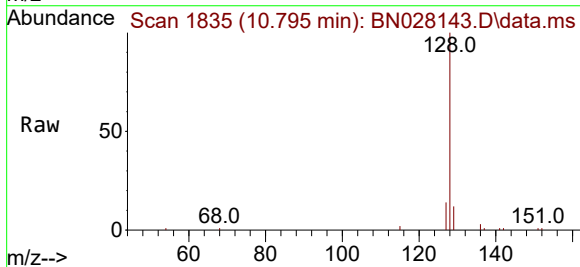
Instrument :
BNA_N
ClientSampleId :
SLCS976

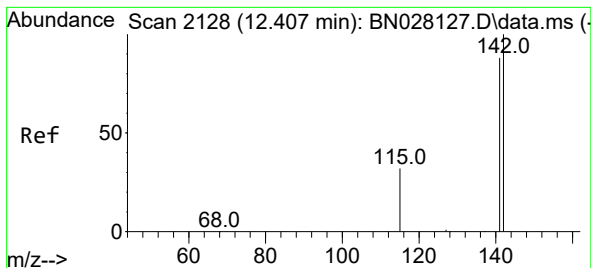
Tgt Ion: 88 Resp: 12008
Ion Ratio Lower Upper
88 100
43 29.6 33.4 50.2#
58 67.0 45.7 68.5



#5
Naphthalene
Concen: 0.341 ng/ul
RT: 10.795 min Scan# 1835
Delta R.T. -0.011 min
Lab File: BN028143.D
Acq: 08 Oct 2023 04:44

Tgt Ion: 128 Resp: 15331
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.7 11.0 16.4

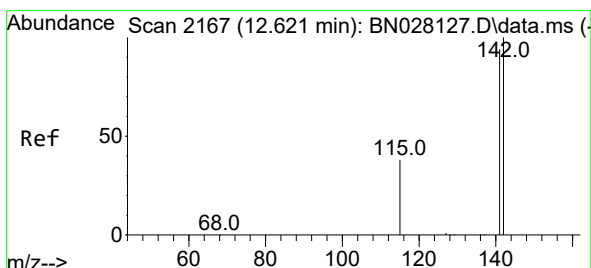
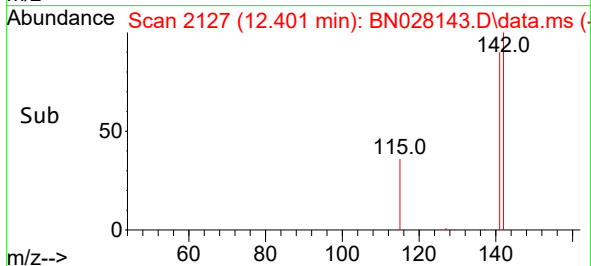
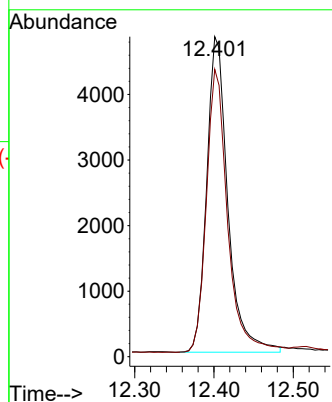
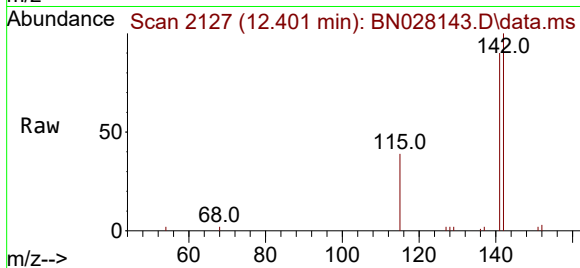




#7
2-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.401 min Scan# 2127
Delta R.T. -0.011 min
Lab File: BN028143.D
Acq: 08 Oct 2023 04:44

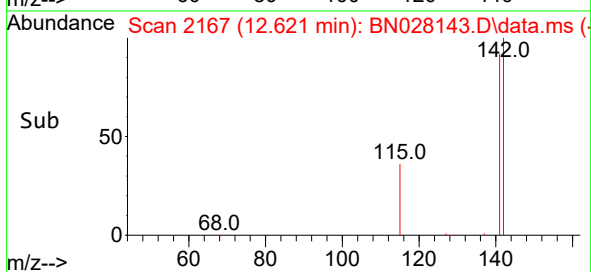
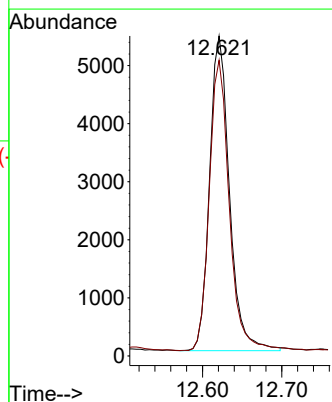
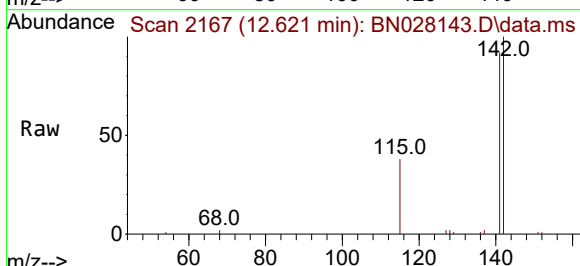
Instrument :
BNA_N
ClientSampleId :
SLCS976

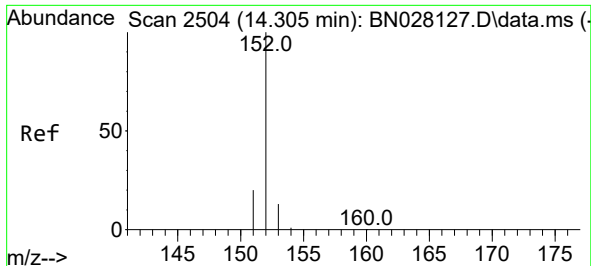
Tgt Ion:142 Resp: 8945
Ion Ratio Lower Upper
142 100
141 89.6 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.621 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BN028143.D
Acq: 08 Oct 2023 04:44

Tgt Ion:142 Resp: 9476
Ion Ratio Lower Upper
142 100
141 92.1 74.4 111.6

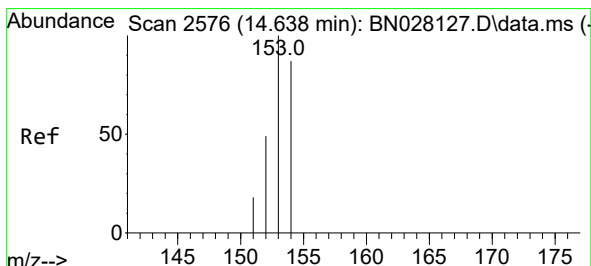
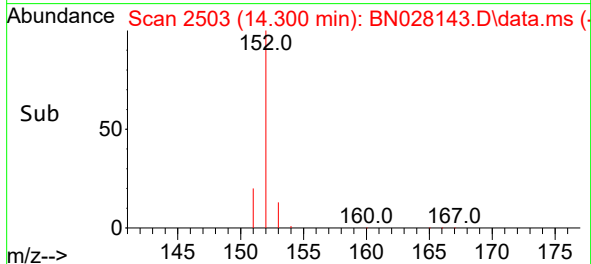
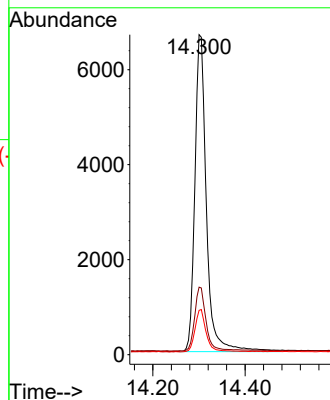
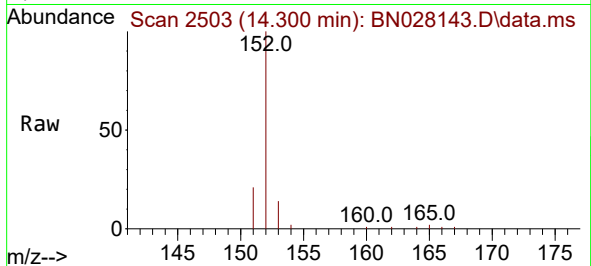




#10
Acenaphthylene
Concen: 0.330 ng/ul
RT: 14.300 min Scan# 2503
Delta R.T. -0.009 min
Lab File: BN028143.D
Acq: 08 Oct 2023 04:44

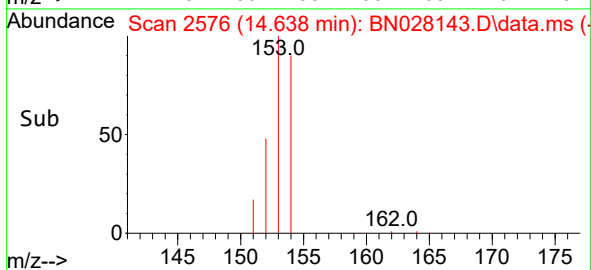
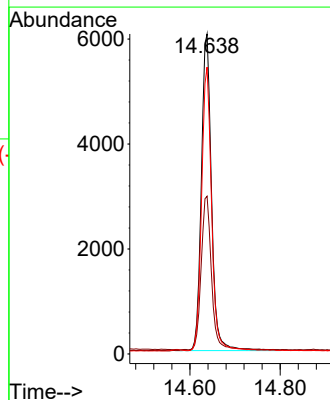
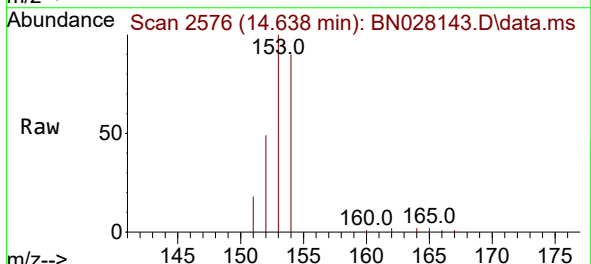
Instrument :
BNA_N
ClientSampleId :
SLCS976

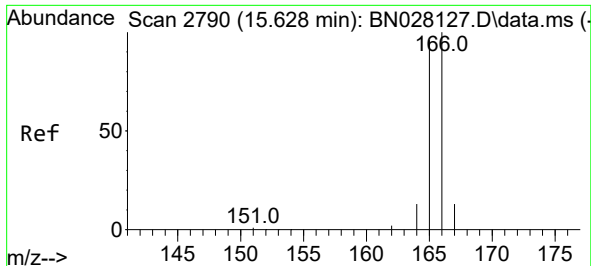
Tgt Ion:152 Resp: 11577
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 13.9 10.9 16.3



#11
Acenaphthene
Concen: 0.339 ng/ul
RT: 14.638 min Scan# 2576
Delta R.T. -0.005 min
Lab File: BN028143.D
Acq: 08 Oct 2023 04:44

Tgt Ion:153 Resp: 9481
Ion Ratio Lower Upper
153 100
152 49.3 39.4 59.0
154 89.6 70.2 105.4

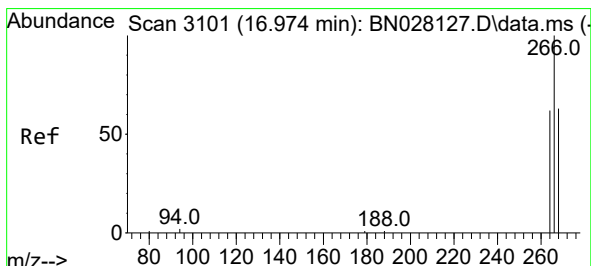
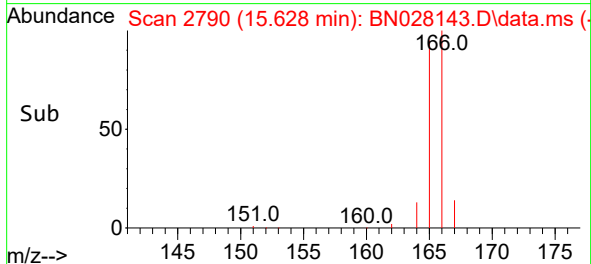
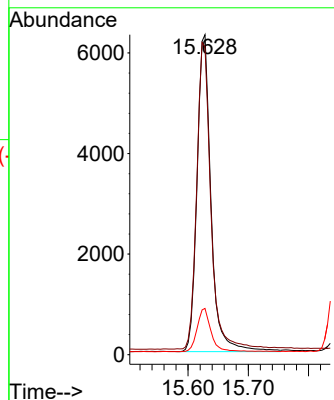
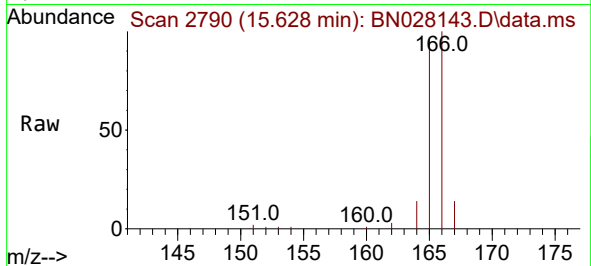




#12
Fluorene
Concen: 0.327 ng/ul
RT: 15.628 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028143.D
Acq: 08 Oct 2023 04:44

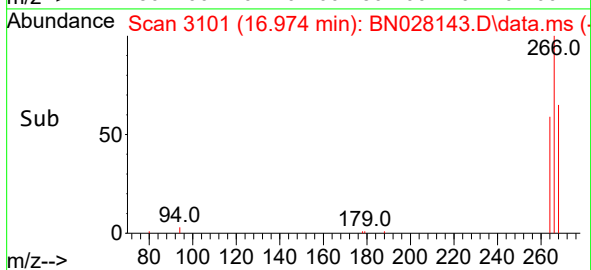
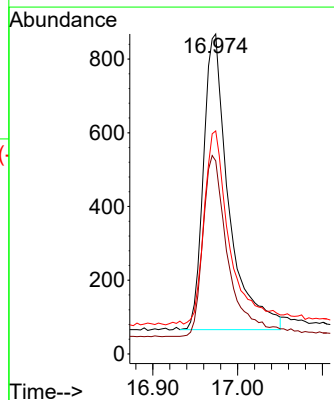
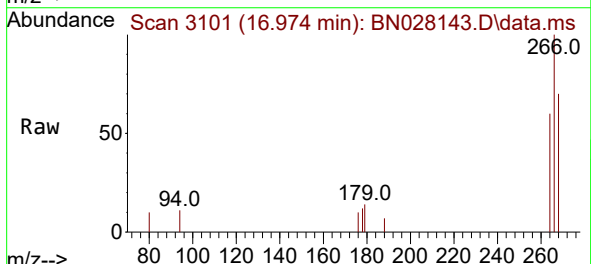
Instrument :
BNA_N
ClientSampleId :
SLCS976

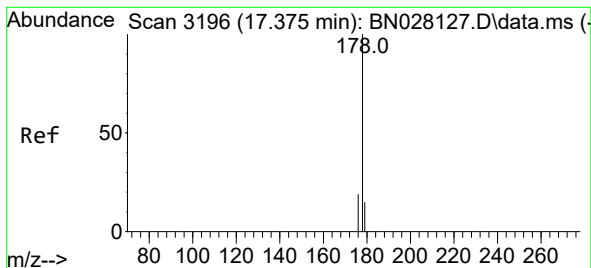
Tgt Ion:166 Resp: 10172
Ion Ratio Lower Upper
166 100
165 96.1 78.5 117.7
167 14.4 11.2 16.8



#14
Pentachlorophenol
Concen: 0.528 ng/ul
RT: 16.974 min Scan# 3101
Delta R.T. 0.004 min
Lab File: BN028143.D
Acq: 08 Oct 2023 04:44

Tgt Ion:266 Resp: 1658
Ion Ratio Lower Upper
266 100
264 61.2 49.6 74.4
268 65.9 52.2 78.4





#15

Phenanthrene

Concen: 0.353 ng/ul

RT: 17.371 min Scan# 3196

Delta R.T. -0.004 min

Lab File: BN028143.D

Acq: 08 Oct 2023 04:44

Instrument :

BNA_N

ClientSampleId :

SLCS976

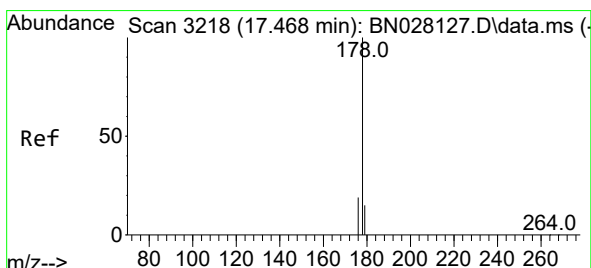
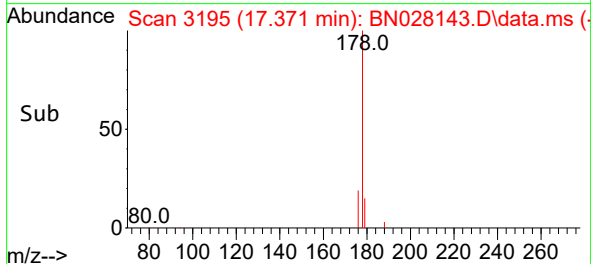
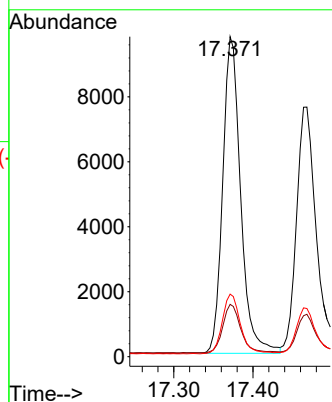
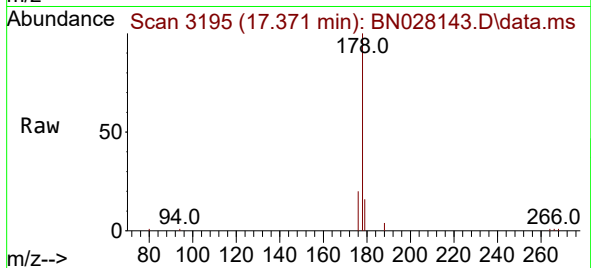
Tgt Ion:178 Resp: 15404

Ion Ratio Lower Upper

178 100

179 16.4 12.6 19.0

176 19.5 15.5 23.3



#16

Anthracene

Concen: 0.340 ng/ul

RT: 17.468 min Scan# 3218

Delta R.T. -0.000 min

Lab File: BN028143.D

Acq: 08 Oct 2023 04:44

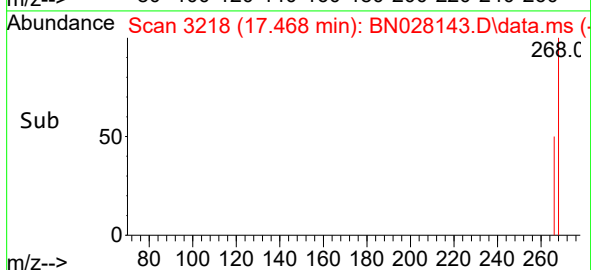
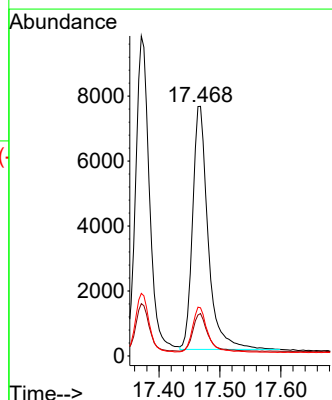
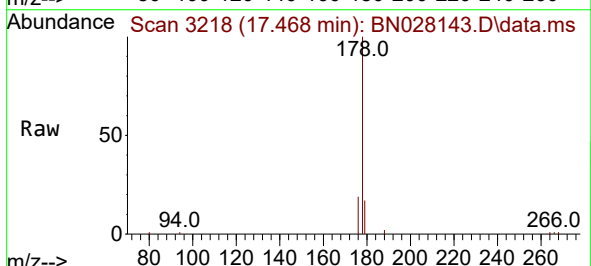
Tgt Ion:178 Resp: 13284

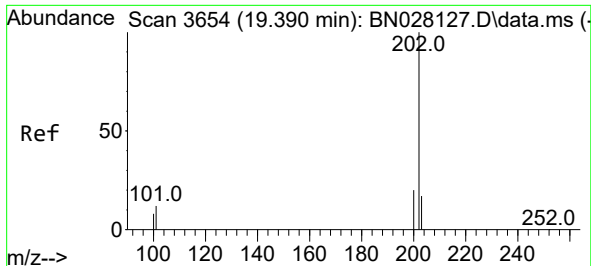
Ion Ratio Lower Upper

178 100

179 17.0 12.8 19.2

176 19.3 15.0 22.6

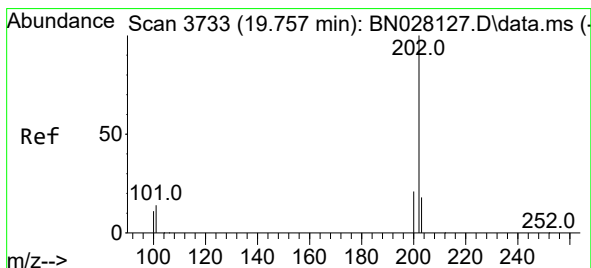
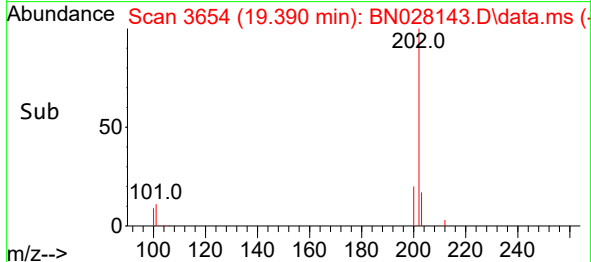
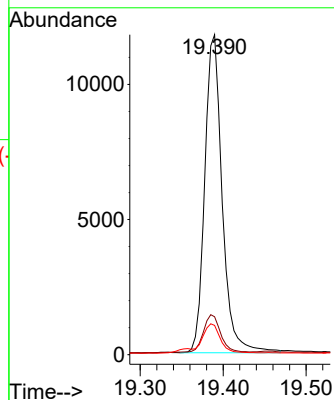
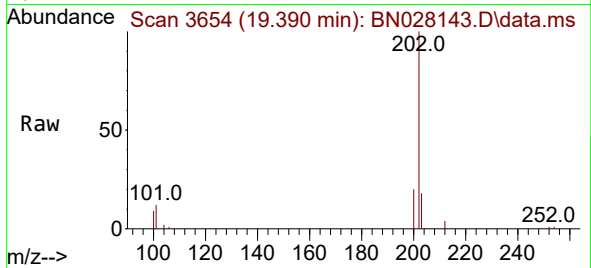




#19
Fluoranthene
Concen: 0.348 ng/ul
RT: 19.390 min Scan# 3654
Delta R.T. -0.000 min
Lab File: BN028143.D
Acq: 08 Oct 2023 04:44

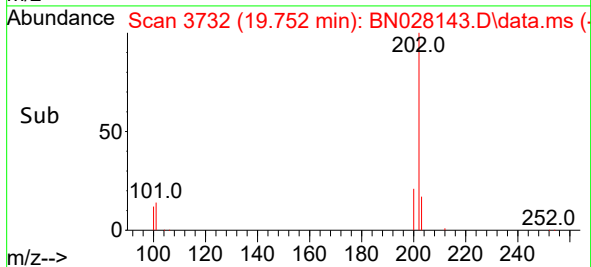
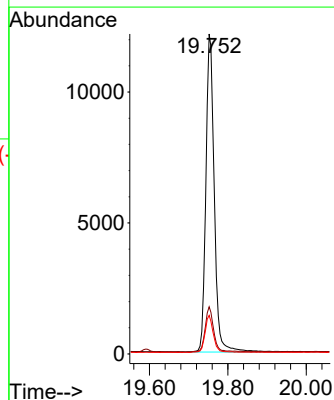
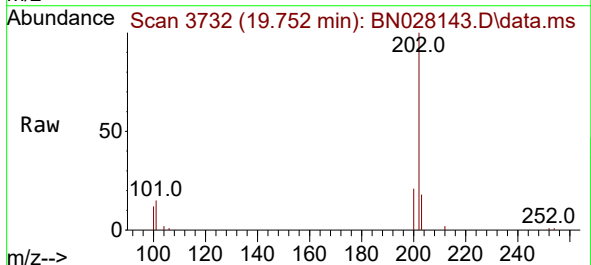
Instrument :
BNA_N
ClientSampleId :
SLCS976

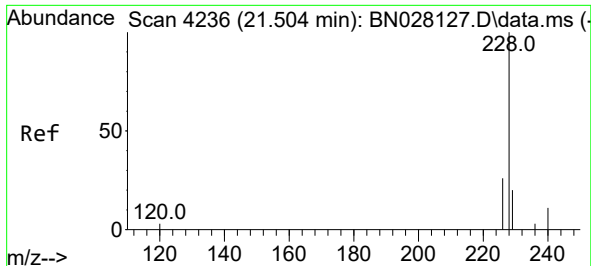
Tgt Ion:202 Resp: 17221
Ion Ratio Lower Upper
202 100
101 11.9 9.6 14.4
100 9.1 7.4 11.0



#20
Pyrene
Concen: 0.352 ng/ul
RT: 19.752 min Scan# 3732
Delta R.T. -0.005 min
Lab File: BN028143.D
Acq: 08 Oct 2023 04:44

Tgt Ion:202 Resp: 18026
Ion Ratio Lower Upper
202 100
101 14.7 11.2 16.8
100 12.0 9.1 13.7

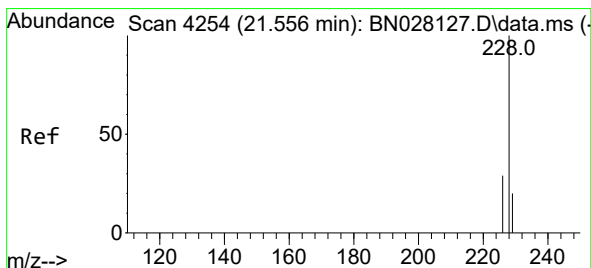
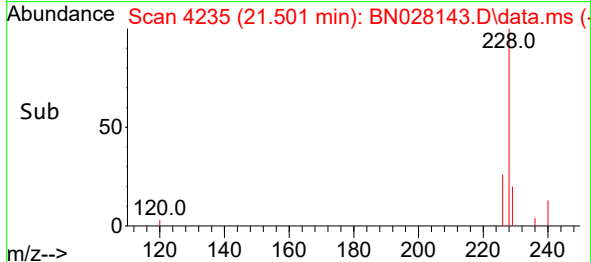
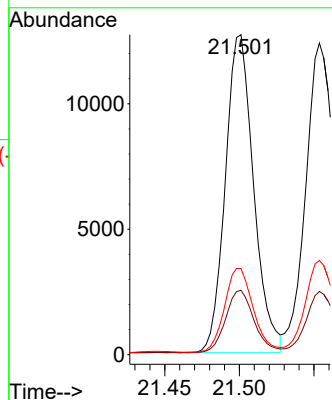
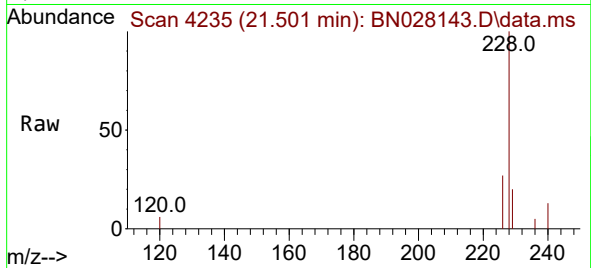




#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.501 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN028143.D
Acq: 08 Oct 2023 04:44

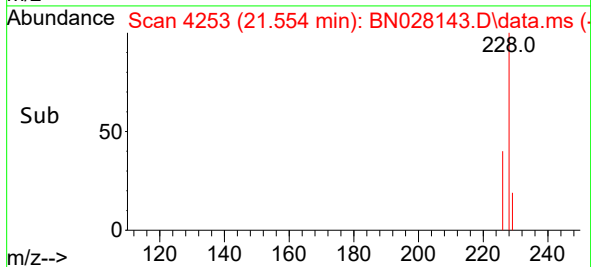
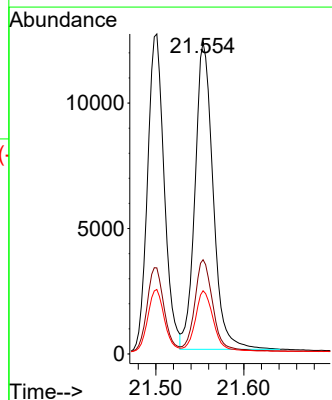
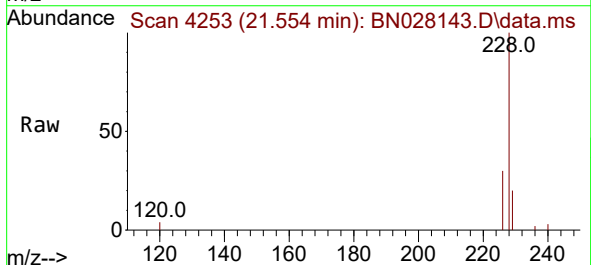
Instrument :
BNA_N
ClientSampleId :
SLCS976

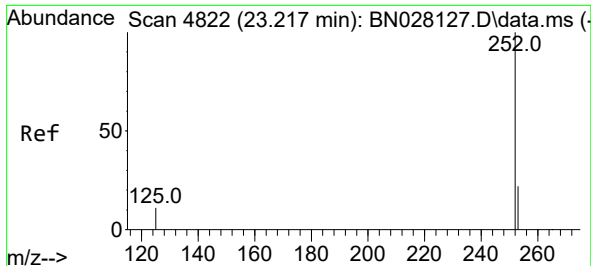
Tgt Ion:228 Resp: 16749
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 26.9 21.5 32.3



#22
Chrysene
Concen: 0.367 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. -0.003 min
Lab File: BN028143.D
Acq: 08 Oct 2023 04:44

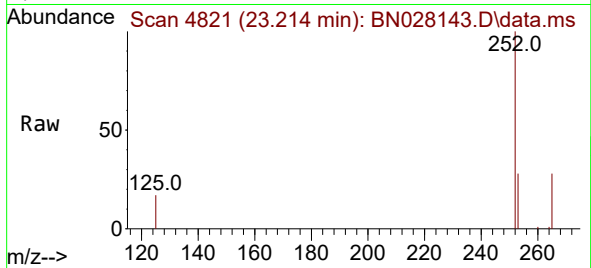
Tgt Ion:228 Resp: 17526
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.8
229 20.3 16.0 24.0



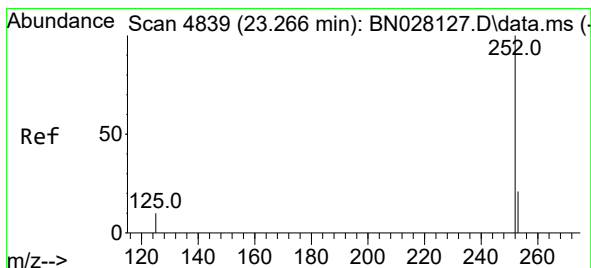
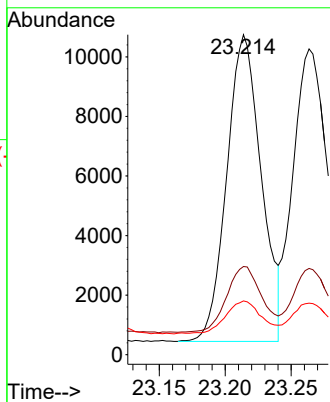
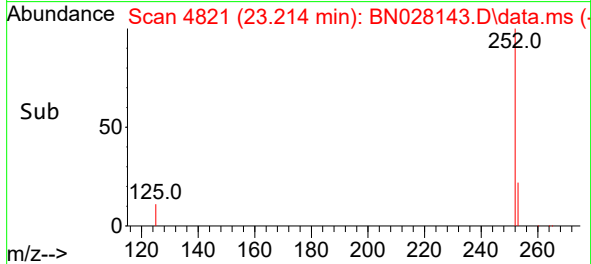


#24
Benzo(b)fluoranthene
Concen: 0.360 ng/ul
RT: 23.214 min Scan# 4821
Delta R.T. -0.003 min
Lab File: BN028143.D
Acq: 08 Oct 2023 04:44

Instrument :
BNA_N
ClientSampleId :
SLCS976

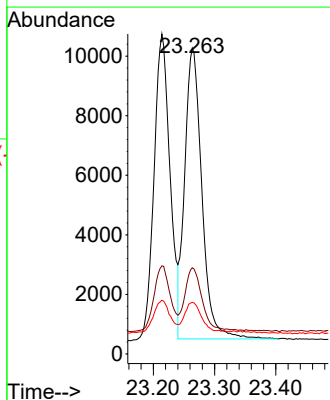
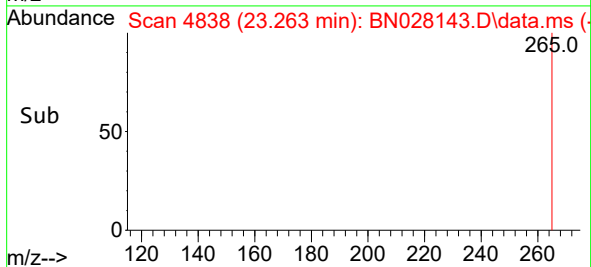
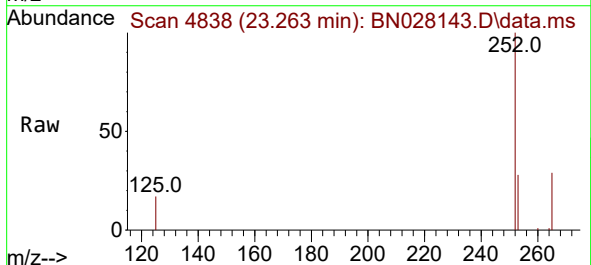


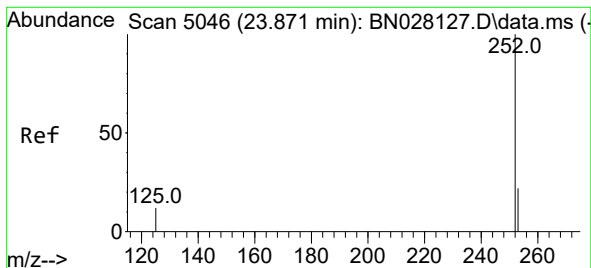
Tgt Ion:252 Resp: 18737
Ion Ratio Lower Upper
252 100
253 27.5 0.0 54.0
125 16.8 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul
RT: 23.263 min Scan# 4838
Delta R.T. -0.003 min
Lab File: BN028143.D
Acq: 08 Oct 2023 04:44

Tgt Ion:252 Resp: 19069
Ion Ratio Lower Upper
252 100
253 28.2 21.8 32.8
125 16.9 12.8 19.2





#26

Benzo(a)pyrene

Concen: 0.359 ng/ul

RT: 23.869 min Scan# 5046

Delta R.T. -0.000 min

Lab File: BN028143.D

Acq: 08 Oct 2023 04:44

Instrument :

BNA_N

ClientSampleId :

SLCS976

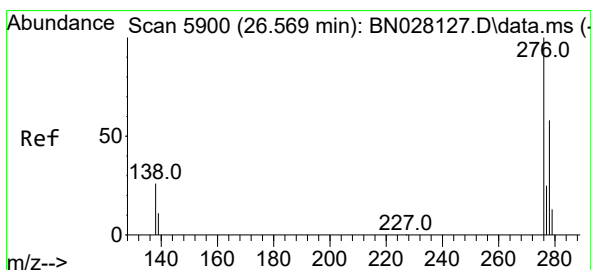
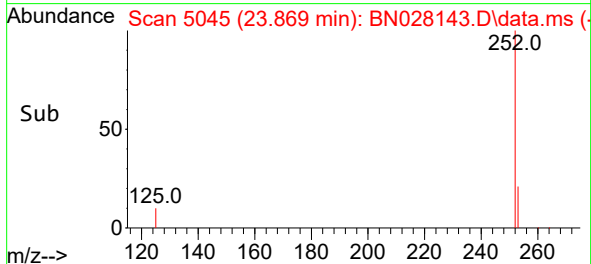
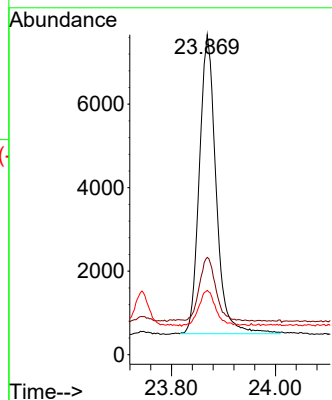
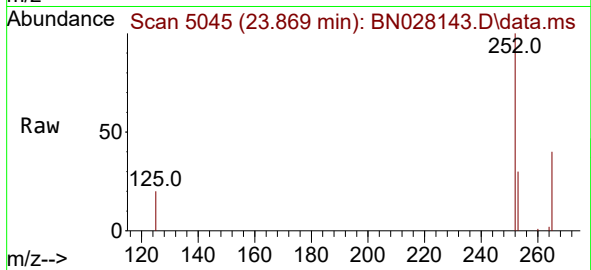
Tgt Ion:252 Resp: 15945

Ion Ratio Lower Upper

252 100

253 30.4 23.4 35.2

125 20.1 15.3 22.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.415 ng/ul

RT: 26.569 min Scan# 5900

Delta R.T. 0.003 min

Lab File: BN028143.D

Acq: 08 Oct 2023 04:44

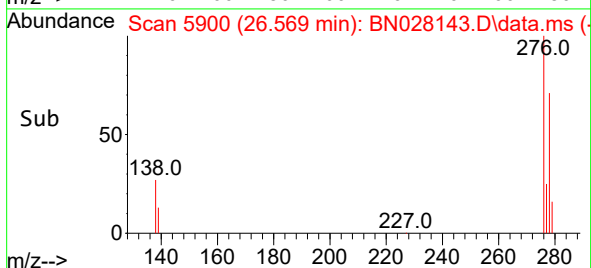
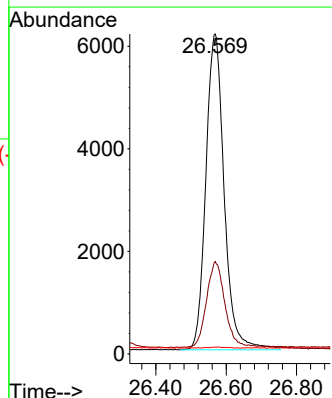
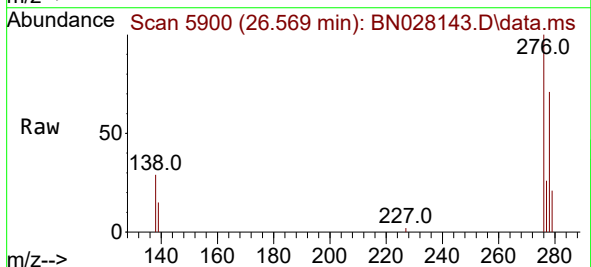
Tgt Ion:276 Resp: 22311

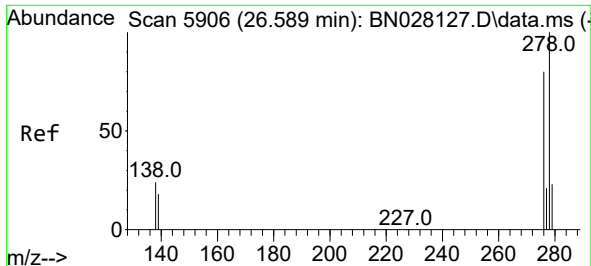
Ion Ratio Lower Upper

276 100

138 27.3 21.6 32.4

227 0.0 0.2 0.2#

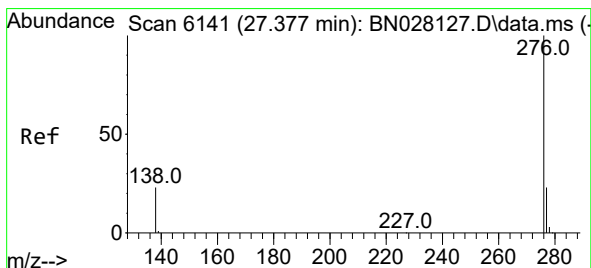
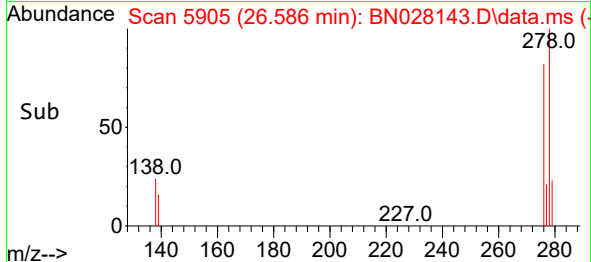
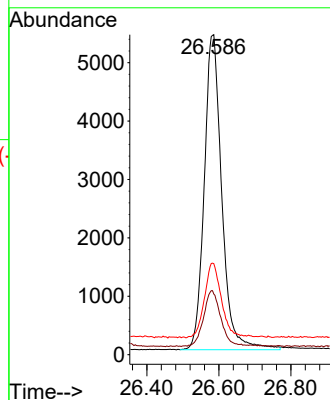
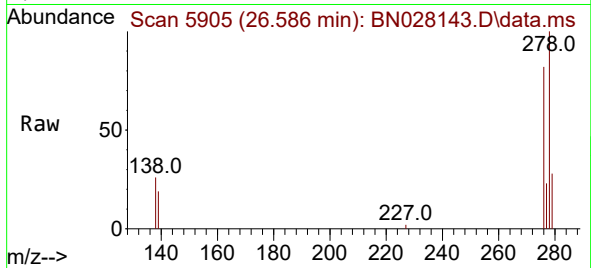




#28
Dibenzo(a,h)anthracene
Concen: 0.418 ng/ul
RT: 26.586 min Scan# 5906
Delta R.T. 0.003 min
Lab File: BN028143.D
Acq: 08 Oct 2023 04:44

Instrument :
BNA_N
ClientSampleId :
SLCS976

Tgt Ion:278 Resp: 18264
Ion Ratio Lower Upper
278 100
139 19.0 15.9 23.9
279 28.4 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.429 ng/ul
RT: 27.374 min Scan# 6140
Delta R.T. -0.003 min
Lab File: BN028143.D
Acq: 08 Oct 2023 04:44

Tgt Ion:276 Resp: 18857
Ion Ratio Lower Upper
276 100
138 26.0 19.8 29.6
277 25.3 20.6 31.0

