

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032635.D
 Acq On : 11 Jul 2024 14:42
 Operator : MA/JU
 Sample : PB161917BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS917

Quant Time: Jul 12 01:54:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

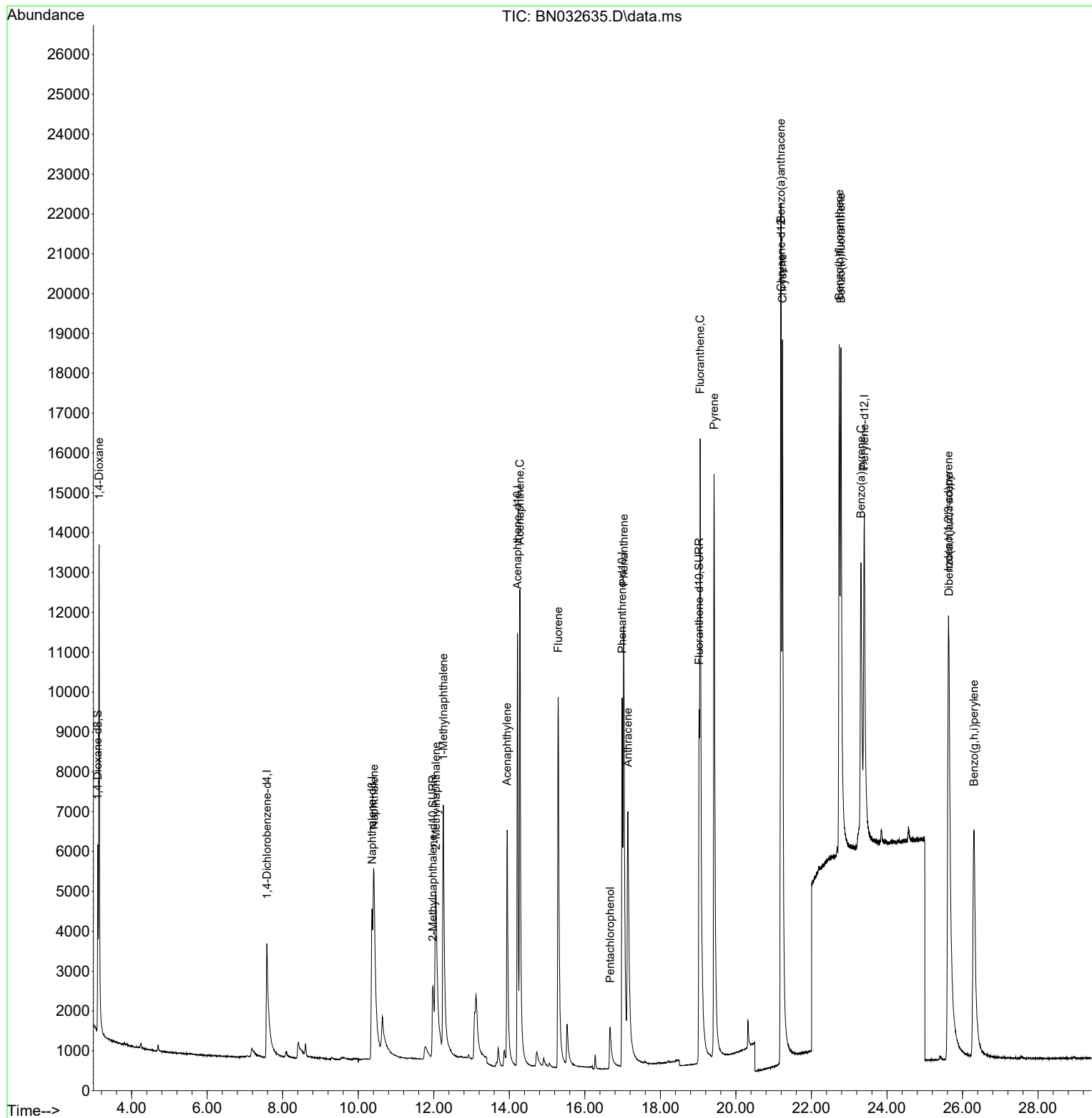
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	3963	0.400	ng/ul	0.00
4) Naphthalene-d8	10.365	136	13008	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	8501	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.986	188	18872	0.400	ng/ul	0.00
17) Chrysene-d12	21.197	240	15399	0.400	ng/ul	0.00
23) Perylene-d12	23.400	264	15446	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	3234	0.680	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	6557	0.334	ng/ul	0.00
18) Fluoranthene-d10	19.027	212	17120	0.341	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.139	88	9460	1.745	ng/ul	91
5) Naphthalene	10.415	128	12137	0.347	ng/ul	99
7) 2-Methylnaphthalene	12.059	142	7644	0.351	ng/ul	100
8) 1-Methylnaphthalene	12.252	142	7633	0.339	ng/ul	99
10) Acenaphthylene	13.943	152	11213	0.326	ng/ul	100
11) Acenaphthene	14.281	153	9951	0.350	ng/ul	99
12) Fluorene	15.294	166	10992	0.339	ng/ul	98
14) Pentachlorophenol	16.670	266	1944	0.587	ng/ul	99
15) Phenanthrene	17.033	178	17259	0.336	ng/ul	99
16) Anthracene	17.138	178	14113	0.336	ng/ul	100
19) Fluoranthene	19.055	202	21469	0.343	ng/ul	99
20) Pyrene	19.422	202	22545	0.348	ng/ul	99
21) Benzo(a)anthracene	21.188	228	16673	0.340	ng/ul	100
22) Chrysene	21.235	228	25124	0.354	ng/ul	100
24) Benzo(b)fluoranthene	22.737	252	18665	0.342	ng/ul	99
25) Benzo(k)fluoranthene	22.781	252	23556	0.355	ng/ul	99
26) Benzo(a)pyrene	23.310	252	18092	0.384	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.629	276	22262	0.349	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.639	278	17116	0.346	ng/ul	98
29) Benzo(g,h,i)perylene	26.304	276	18531	0.347	ng/ul	99

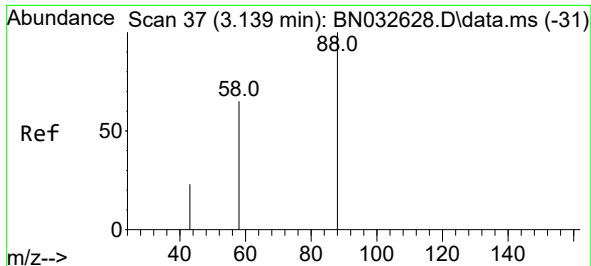
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032635.D
Acq On : 11 Jul 2024 14:42
Operator : MA/JU
Sample : PB161917BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS917

Quant Time: Jul 12 01:54:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

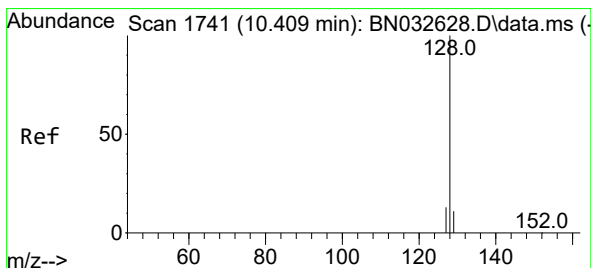
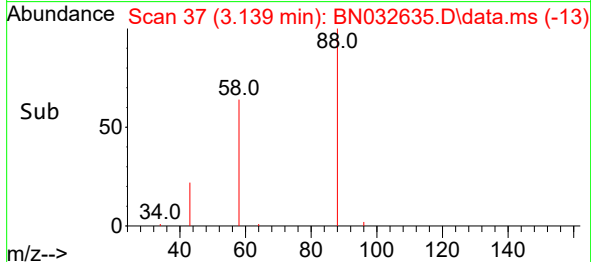
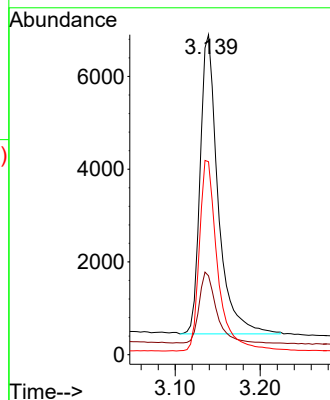
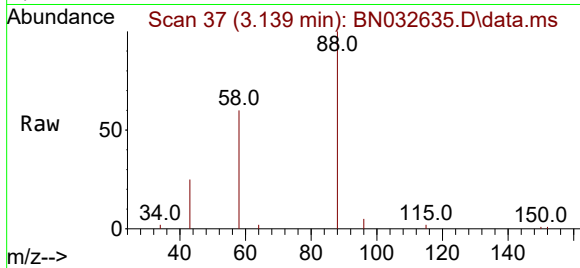




#2
1,4-Dioxane
Concen: 1.745 ng/ul
RT: 3.139 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN032635.D
Acq: 11 Jul 2024 14:42

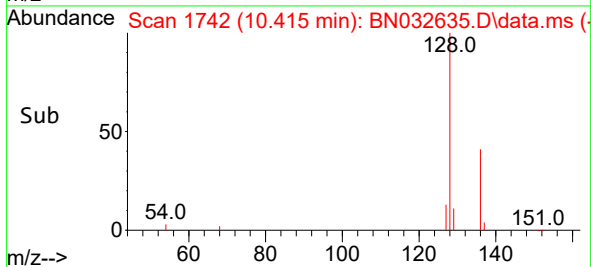
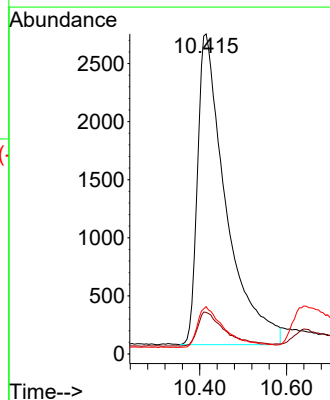
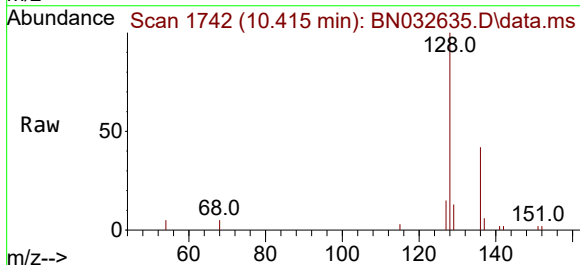
Instrument :
BNA_N
ClientSampleId :
SLCS917

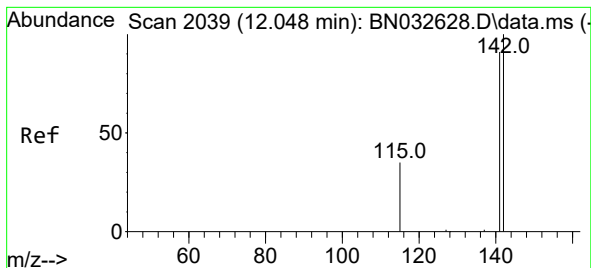
Tgt Ion: 88 Resp: 9460
Ion Ratio Lower Upper
88 100
43 24.6 24.0 36.0
58 60.3 43.3 64.9



#5
Naphthalene
Concen: 0.347 ng/ul
RT: 10.415 min Scan# 1742
Delta R.T. 0.006 min
Lab File: BN032635.D
Acq: 11 Jul 2024 14:42

Tgt Ion:128 Resp: 12137
Ion Ratio Lower Upper
128 100
129 13.0 10.0 15.0
127 14.8 11.6 17.4

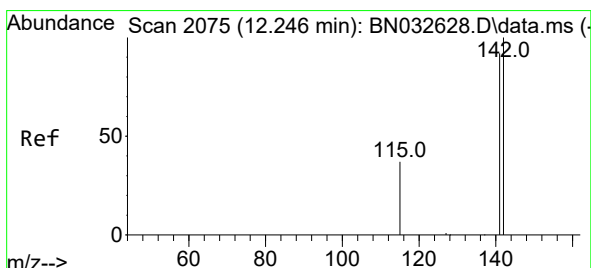
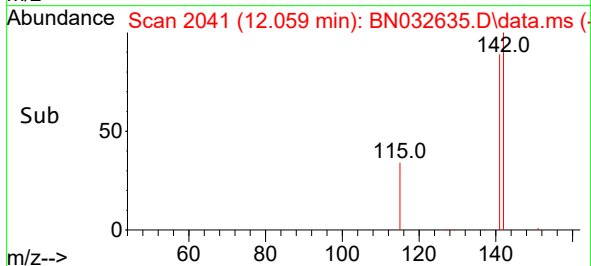
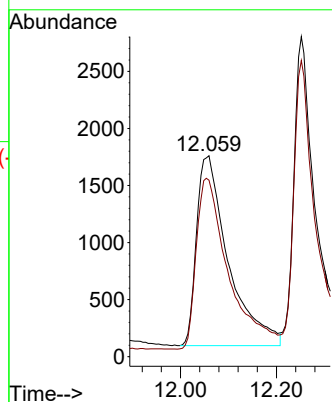
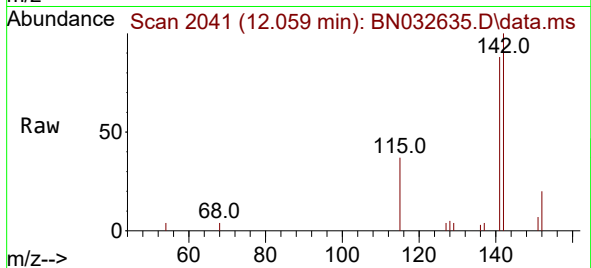




#7
2-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. 0.011 min
Lab File: BN032635.D
Acq: 11 Jul 2024 14:42

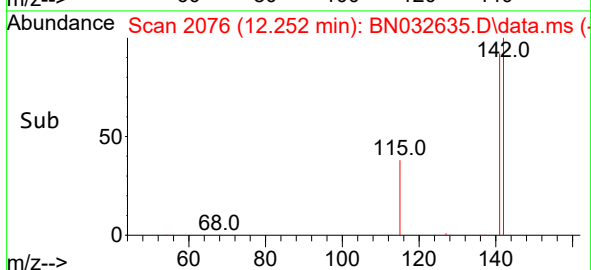
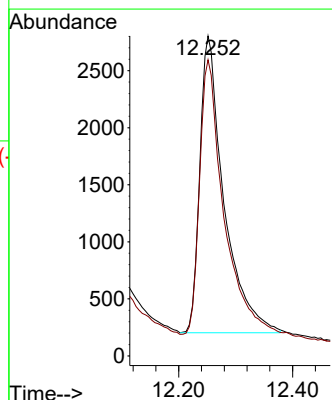
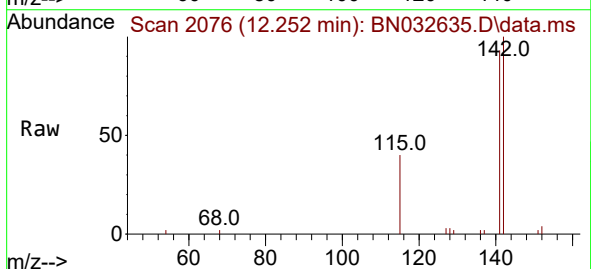
Instrument :
BNA_N
ClientSampleId :
SLCS917

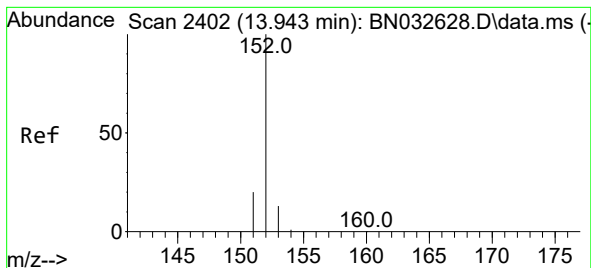
Tgt Ion:142 Resp: 7644
Ion Ratio Lower Upper
142 100
141 92.2 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.252 min Scan# 2076
Delta R.T. 0.006 min
Lab File: BN032635.D
Acq: 11 Jul 2024 14:42

Tgt Ion:142 Resp: 7633
Ion Ratio Lower Upper
142 100
141 92.7 75.0 112.4





#10

Acenaphthylene

Concen: 0.326 ng/ul

RT: 13.943 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BN032635.D

Acq: 11 Jul 2024 14:42

Instrument :

BNA_N

ClientSampleId :

SLCS917

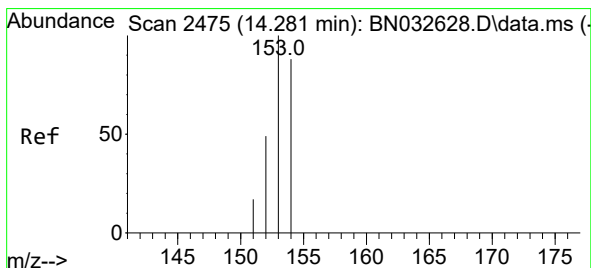
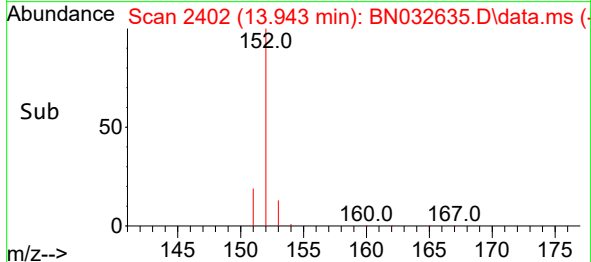
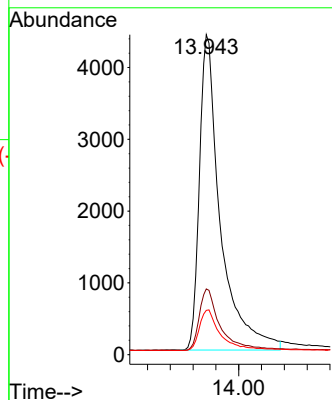
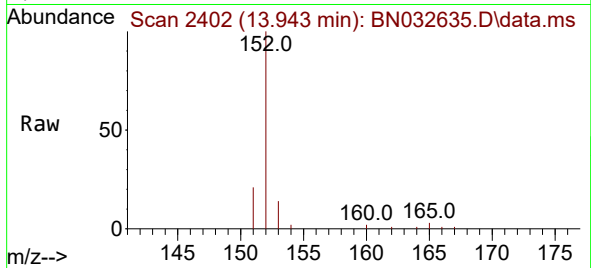
Tgt Ion:152 Resp: 11213

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.9 11.3 16.9



#11

Acenaphthene

Concen: 0.350 ng/ul

RT: 14.281 min Scan# 2475

Delta R.T. 0.000 min

Lab File: BN032635.D

Acq: 11 Jul 2024 14:42

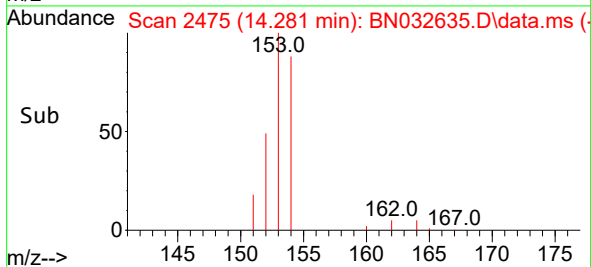
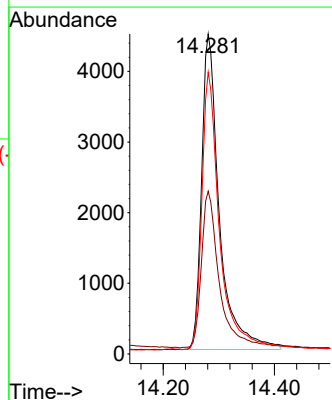
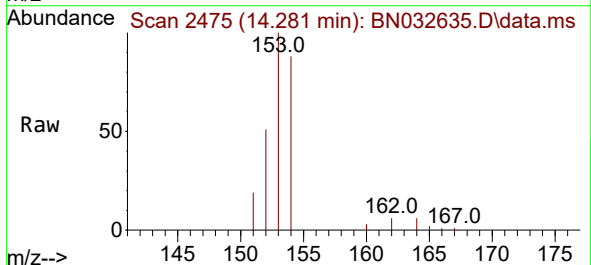
Tgt Ion:153 Resp: 9951

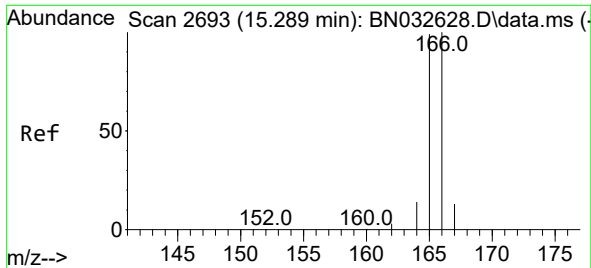
Ion Ratio Lower Upper

153 100

152 50.8 40.0 60.0

154 88.1 70.2 105.4

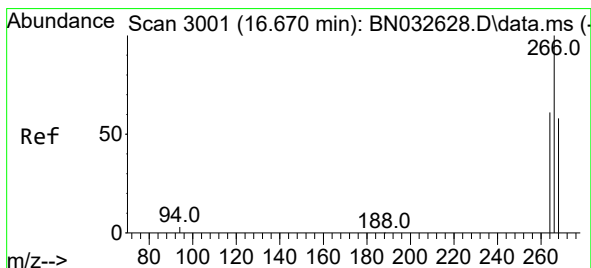
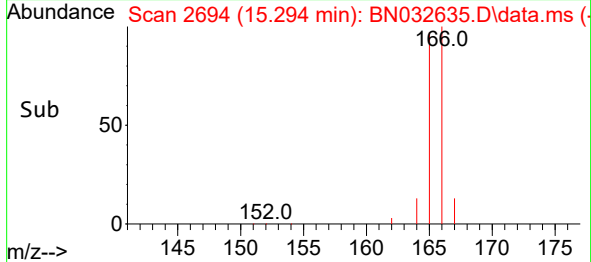
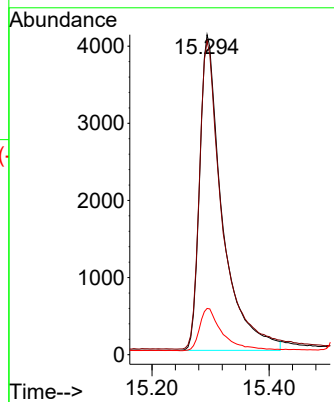
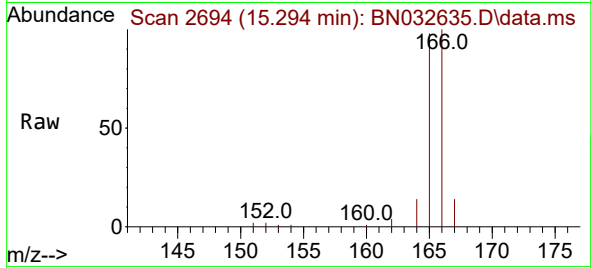




#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.294 min Scan# 20992
Delta R.T. 0.005 min
Lab File: BN032635.D
Acq: 11 Jul 2024 14:42

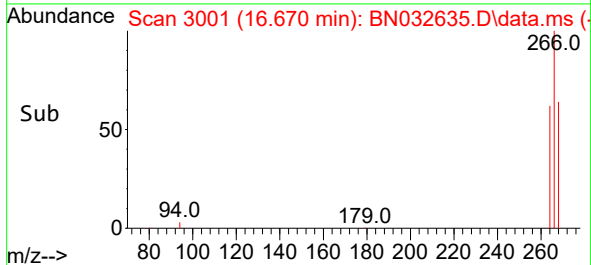
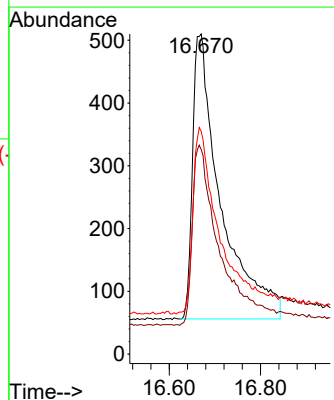
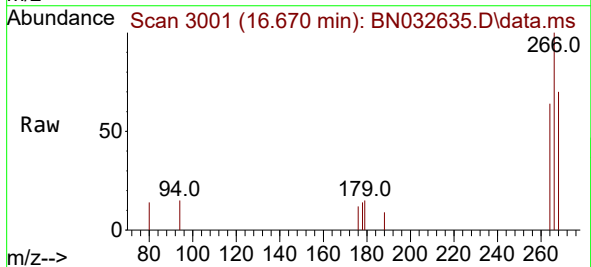
Instrument :
BNA_N
ClientSampleId :
SLCS917

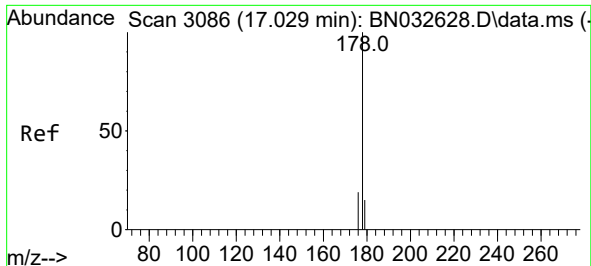
Tgt Ion:166 Resp: 10992
Ion Ratio Lower Upper
166 100
165 98.0 79.7 119.5
167 14.5 11.4 17.2



#14
Pentachlorophenol
Concen: 0.587 ng/ul
RT: 16.670 min Scan# 3001
Delta R.T. 0.000 min
Lab File: BN032635.D
Acq: 11 Jul 2024 14:42

Tgt Ion:266 Resp: 1944
Ion Ratio Lower Upper
266 100
264 62.9 49.4 74.2
268 65.3 51.6 77.4

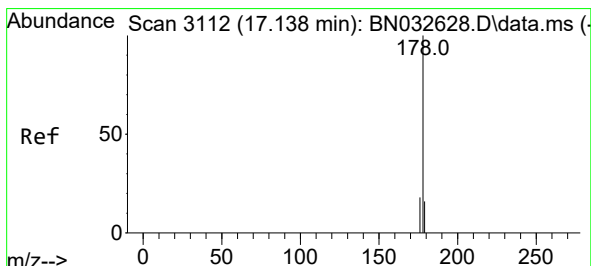
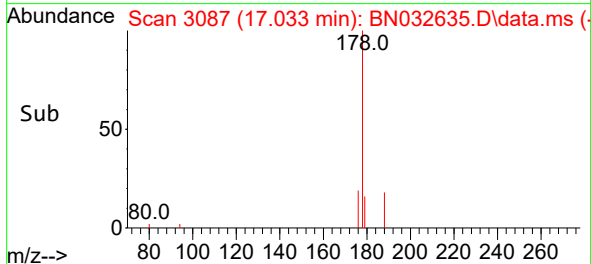
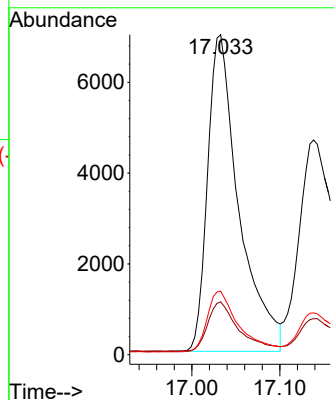
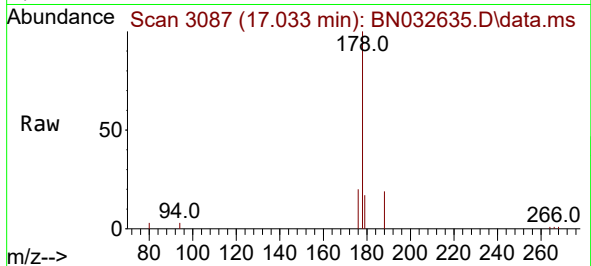




#15
Phenanthrene
Concen: 0.336 ng/ul
RT: 17.033 min Scan# 3087
Delta R.T. 0.004 min
Lab File: BN032635.D
Acq: 11 Jul 2024 14:42

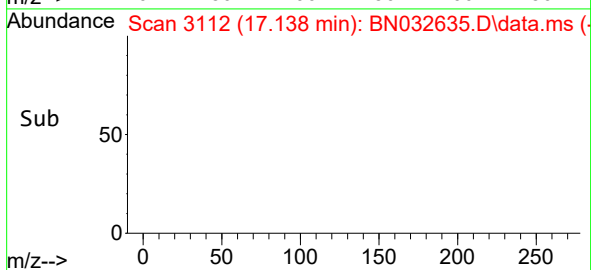
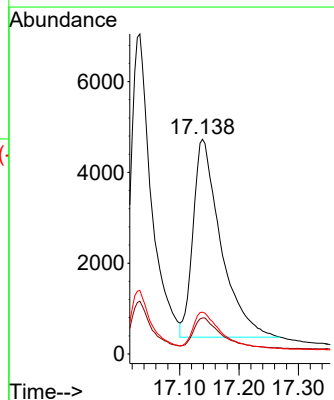
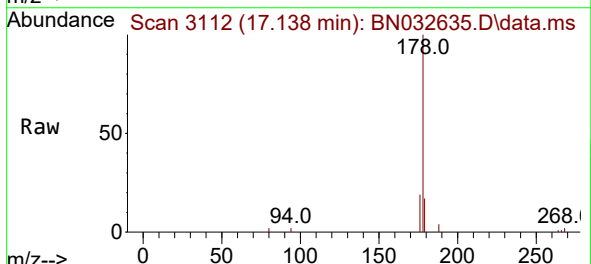
Instrument :
BNA_N
ClientSampleId :
SLCS917

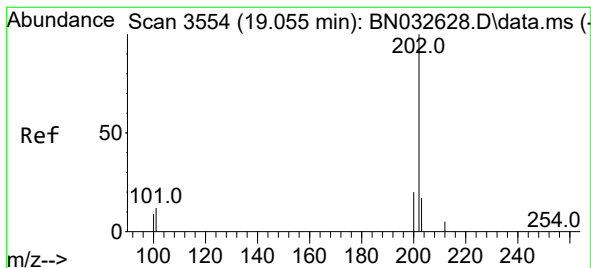
Tgt Ion:178 Resp: 17259
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 19.9 15.6 23.4



#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.138 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BN032635.D
Acq: 11 Jul 2024 14:42

Tgt Ion:178 Resp: 14113
Ion Ratio Lower Upper
178 100
179 16.7 13.4 20.2
176 19.4 15.4 23.0





#19

Fluoranthene

Concen: 0.343 ng/ul

RT: 19.055 min Scan# 3554

Delta R.T. 0.000 min

Lab File: BN032635.D

Acq: 11 Jul 2024 14:42

Instrument :

BNA_N

ClientSampleId :

SLCS917

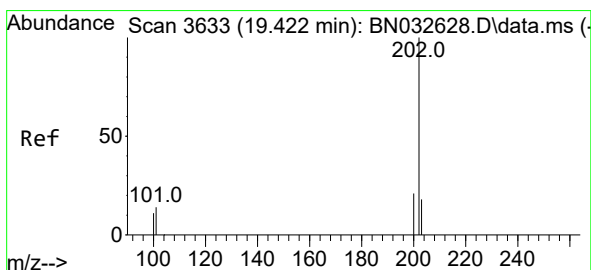
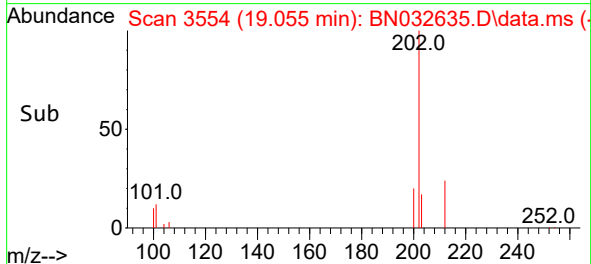
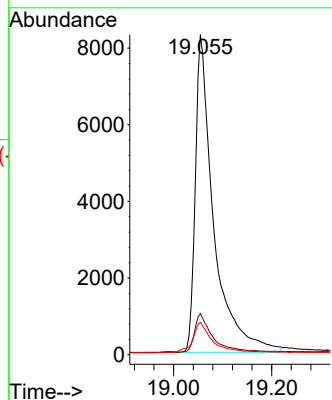
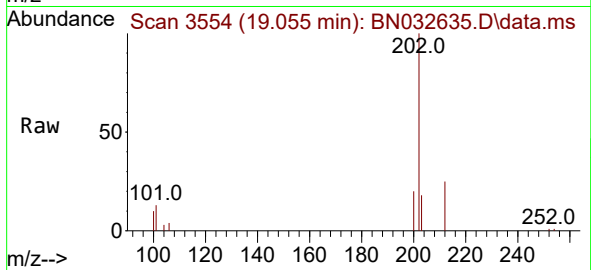
Tgt Ion:202 Resp: 21469

Ion Ratio Lower Upper

202 100

101 12.8 9.8 14.8

100 10.1 7.9 11.9



#20

Pyrene

Concen: 0.348 ng/ul

RT: 19.422 min Scan# 3633

Delta R.T. 0.000 min

Lab File: BN032635.D

Acq: 11 Jul 2024 14:42

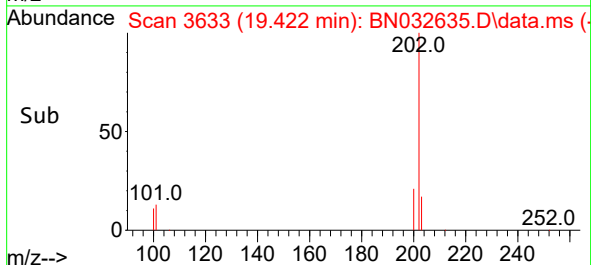
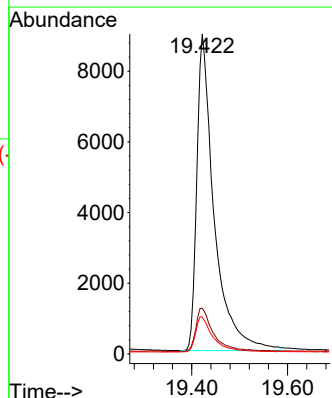
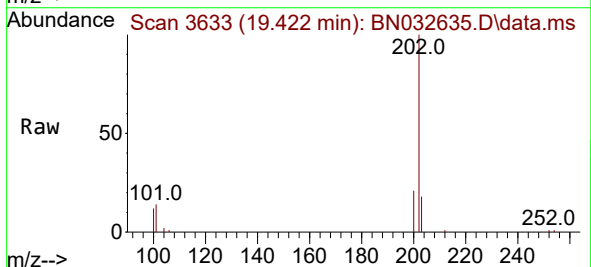
Tgt Ion:202 Resp: 22545

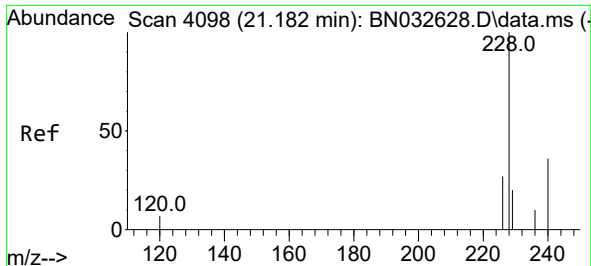
Ion Ratio Lower Upper

202 100

101 14.3 11.8 17.6

100 11.5 9.6 14.4

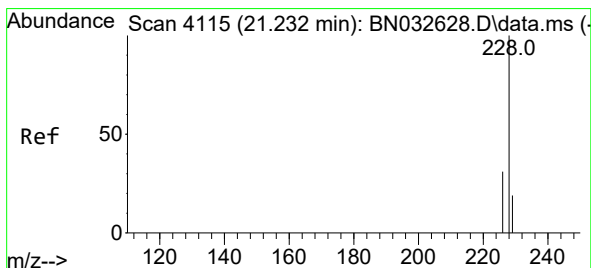
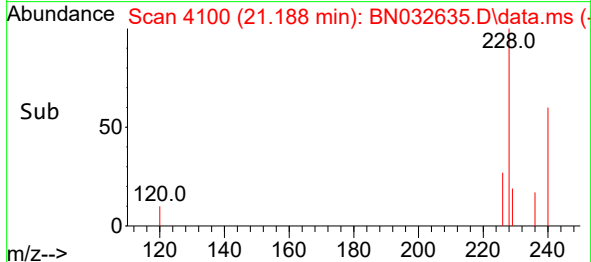
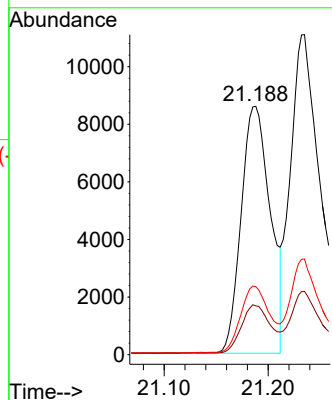
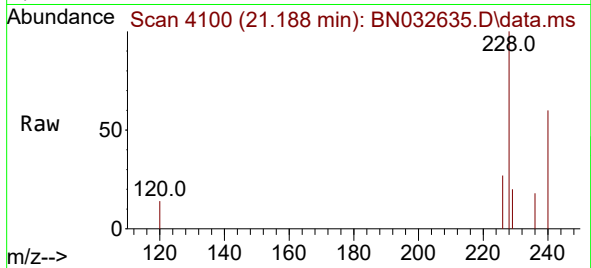




#21
Benzo(a)anthracene
Concen: 0.340 ng/ul
RT: 21.188 min Scan# 4100
Delta R.T. 0.006 min
Lab File: BN032635.D
Acq: 11 Jul 2024 14:42

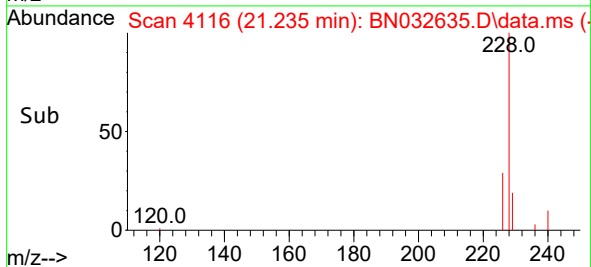
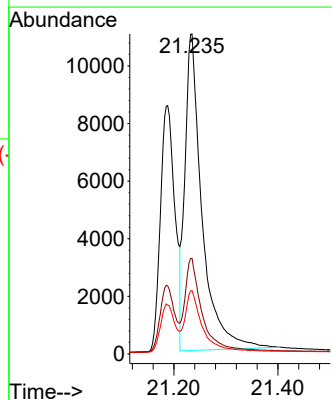
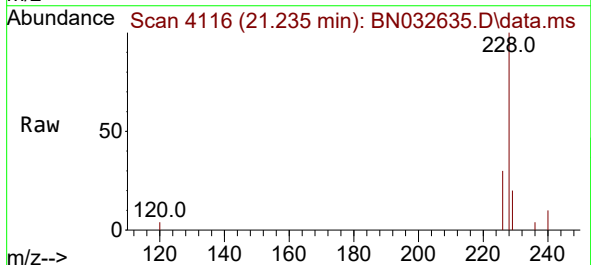
Instrument :
BNA_N
ClientSampleId :
SLCS917

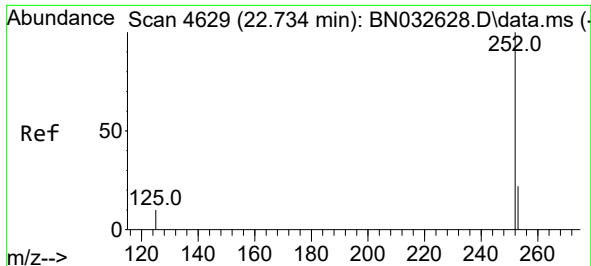
Tgt Ion:228 Resp: 16673
Ion Ratio Lower Upper
228 100
229 19.7 16.1 24.1
226 27.4 21.9 32.9



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.235 min Scan# 4116
Delta R.T. 0.003 min
Lab File: BN032635.D
Acq: 11 Jul 2024 14:42

Tgt Ion:228 Resp: 25124
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 19.8 15.8 23.6

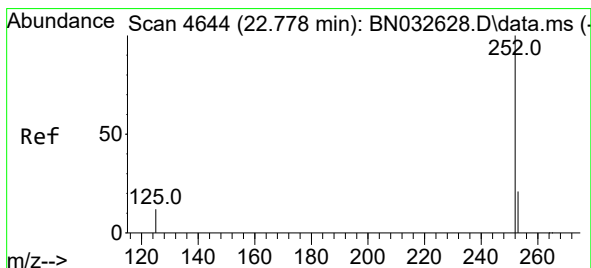
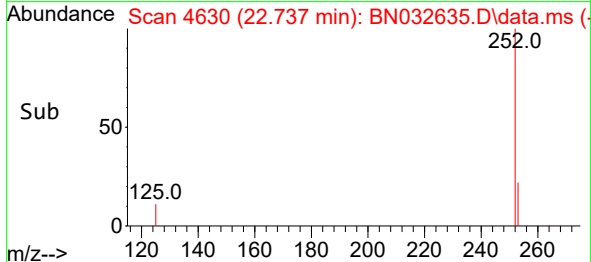
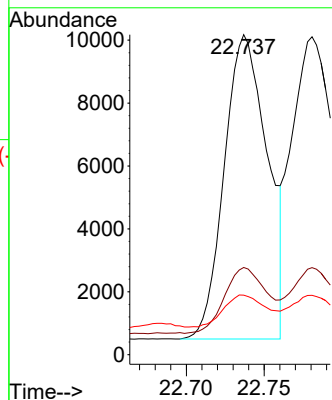
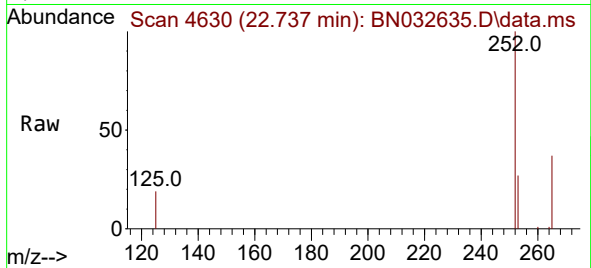




#24
Benzo(b)fluoranthene
Concen: 0.342 ng/ul
RT: 22.737 min Scan# 4630
Delta R.T. 0.003 min
Lab File: BN032635.D
Acq: 11 Jul 2024 14:42

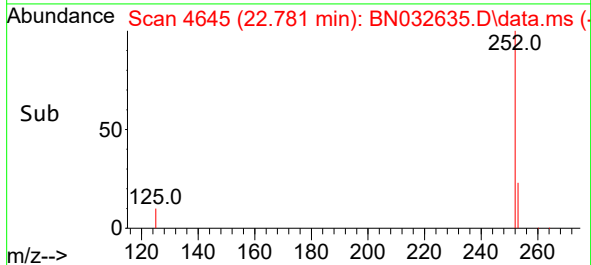
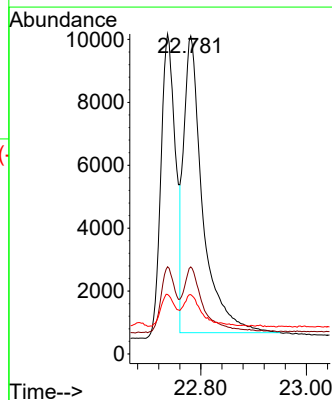
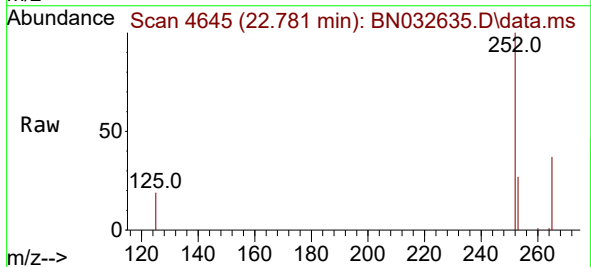
Instrument :
BNA_N
ClientSampleId :
SLCS917

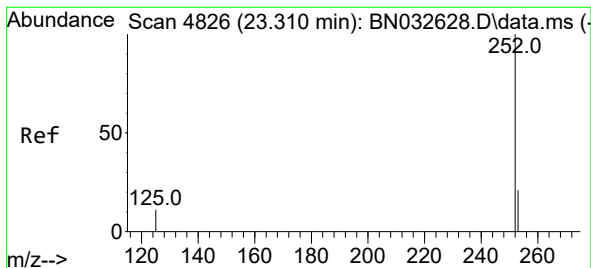
Tgt Ion:252 Resp: 18665
Ion Ratio Lower Upper
252 100
253 27.2 0.0 54.0
125 18.6 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.355 ng/ul
RT: 22.781 min Scan# 4645
Delta R.T. 0.003 min
Lab File: BN032635.D
Acq: 11 Jul 2024 14:42

Tgt Ion:252 Resp: 23556
Ion Ratio Lower Upper
252 100
253 27.4 21.2 31.8
125 18.7 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.384 ng/ul

RT: 23.310 min Scan# 4826

Delta R.T. 0.000 min

Lab File: BN032635.D

Acq: 11 Jul 2024 14:42

Instrument :

BNA_N

ClientSampleId :

SLCS917

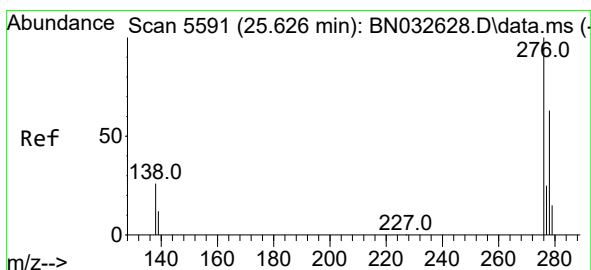
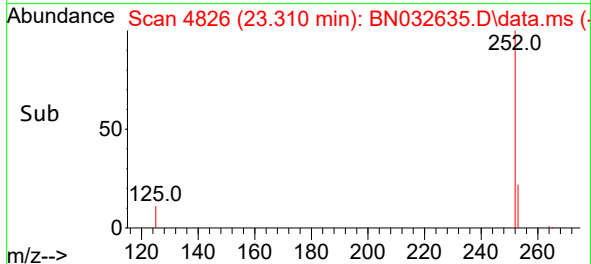
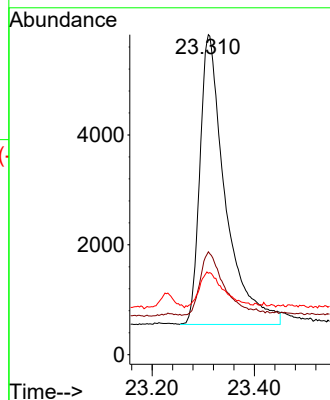
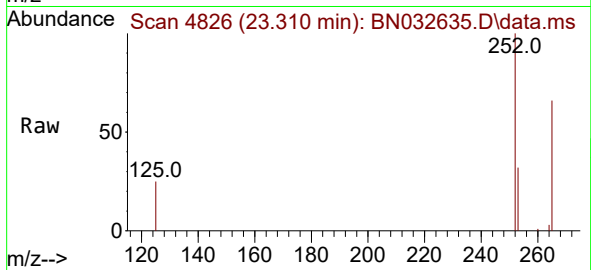
Tgt Ion:252 Resp: 18092

Ion Ratio Lower Upper

252 100

253 32.1 25.4 38.0

125 25.4 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.349 ng/ul

RT: 25.629 min Scan# 5592

Delta R.T. 0.003 min

Lab File: BN032635.D

Acq: 11 Jul 2024 14:42

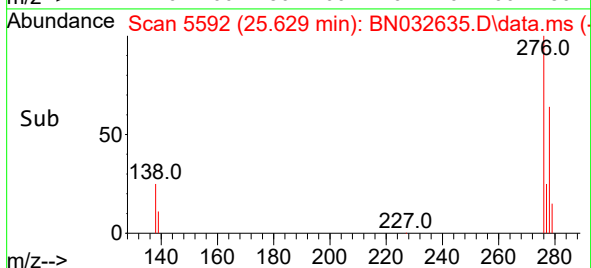
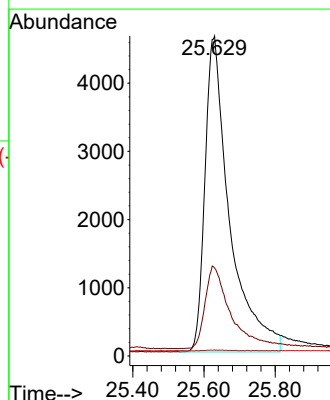
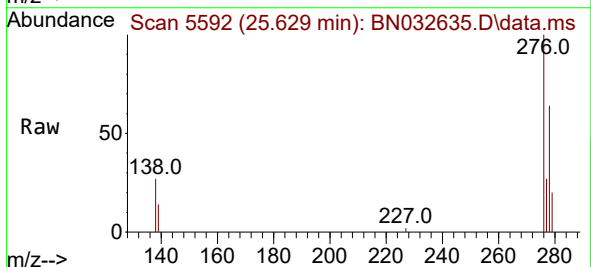
Tgt Ion:276 Resp: 22262

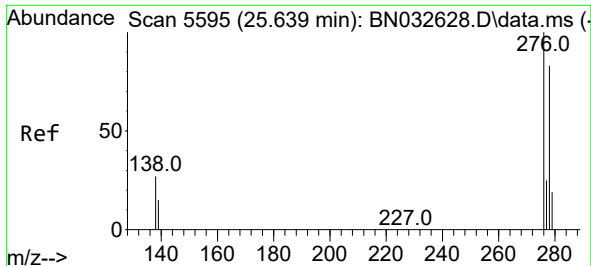
Ion Ratio Lower Upper

276 100

138 27.2 21.6 32.4

227 0.2 0.0 0.0#

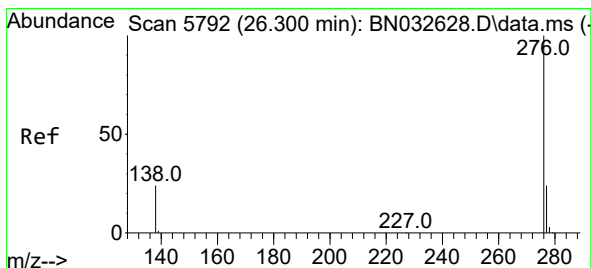
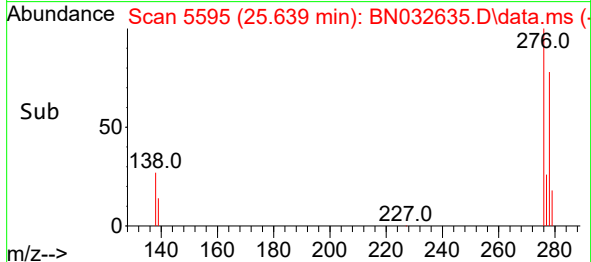
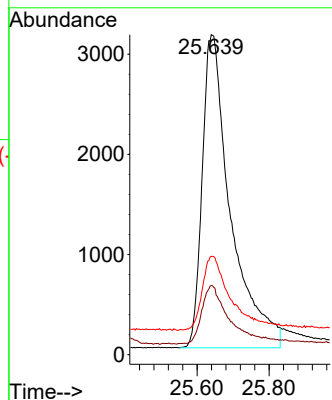
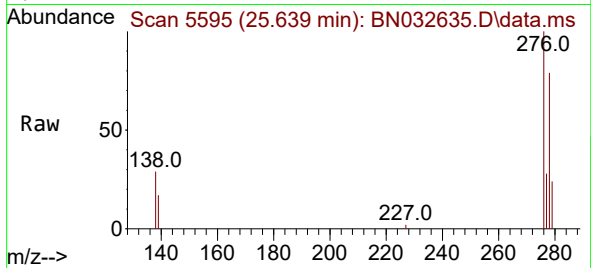




#28
Dibenzo(a,h)anthracene
Concen: 0.346 ng/ul
RT: 25.639 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN032635.D
Acq: 11 Jul 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SLCS917

Tgt Ion:278 Resp: 17116
Ion Ratio Lower Upper
278 100
139 21.6 16.6 24.8
279 30.7 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 0.347 ng/ul
RT: 26.304 min Scan# 5793
Delta R.T. 0.003 min
Lab File: BN032635.D
Acq: 11 Jul 2024 14:42

Tgt Ion:276 Resp: 18531
Ion Ratio Lower Upper
276 100
138 25.7 21.0 31.4
277 25.9 20.6 31.0

