

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
 Data File : BN033745.D
 Acq On : 03 Sep 2024 17:34
 Operator : MA/JU
 Sample : PB163096BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS096

Quant Time: Sep 04 01:42:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 01:39:37 2024
 Response via : Initial Calibration

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

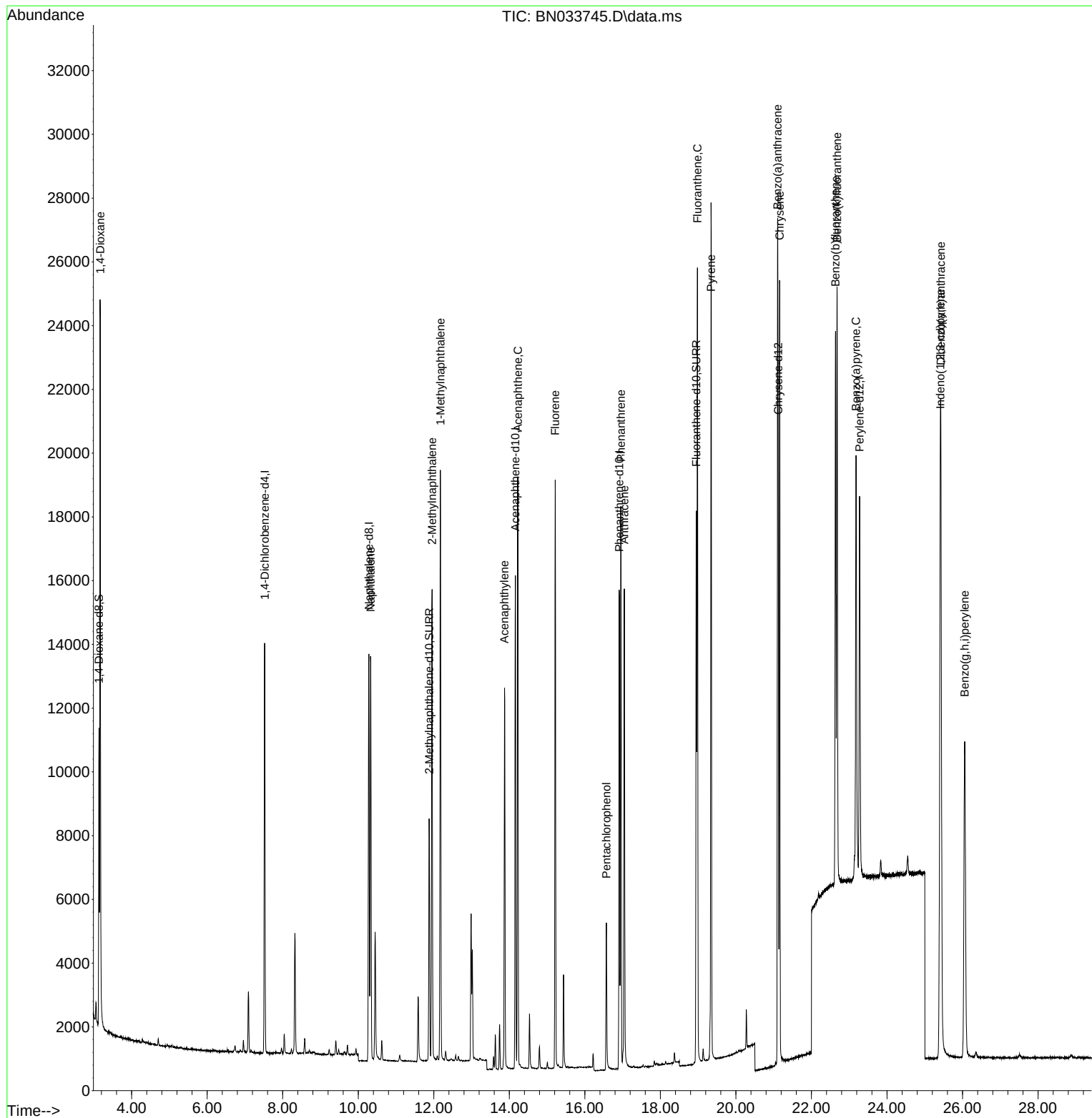
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	6249	0.400	ng/ul	0.00
4) Naphthalene-d8	10.283	136	16977	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.161	164	8365	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.915	188	17148	0.400	ng/ul	0.00
17) Chrysene-d12	21.121	240	13639	0.400	ng/ul	0.00
23) Perylene-d12	23.275	264	14699	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.135	96	5215	0.812	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.878	152	9946	0.408	ng/ul	0.00
18) Fluoranthene-d10	18.952	212	18811	0.463	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.169	88	13612	1.910	ng/ul#	78
5) Naphthalene	10.327	128	16752	0.369	ng/ul	100
7) 2-Methylnaphthalene	11.955	142	10515	0.366	ng/ul	100
8) 1-Methylnaphthalene	12.175	142	12399	0.419	ng/ul	99
10) Acenaphthylene	13.874	152	13466	0.354	ng/ul	99
11) Acenaphthene	14.225	153	10817	0.394	ng/ul	99
12) Fluorene	15.215	166	11684	0.381	ng/ul	99
14) Pentachlorophenol	16.568	266	3255	0.603	ng/ul	99
15) Phenanthrene	16.953	178	18434	0.364	ng/ul	99
16) Anthracene	17.046	178	16591	0.365	ng/ul	99
19) Fluoranthene	18.980	202	20915	0.389	ng/ul	99
20) Pyrene	19.343	202	22072	0.386	ng/ul	98
21) Benzo(a)anthracene	21.103	228	20251	0.377	ng/ul	99
22) Chrysene	21.159	228	20691	0.381	ng/ul	99
24) Benzo(b)fluoranthene	22.637	252	20808	0.365	ng/ul	99
25) Benzo(k)fluoranthene	22.678	252	21478	0.376	ng/ul	98
26) Benzo(a)pyrene	23.181	252	19290	0.421	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.411	276	25198	0.366	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.425	278	19572	0.366	ng/ul	99
29) Benzo(g,h,i)perylene	26.059	276	19725	0.367	ng/ul	100

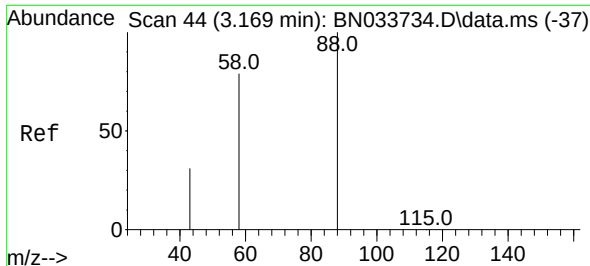
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
Data File : BN033745.D
Acq On : 03 Sep 2024 17:34
Operator : MA/JU
Sample : PB163096BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS096

Quant Time: Sep 04 01:42:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 01:39:37 2024
Response via : Initial Calibration

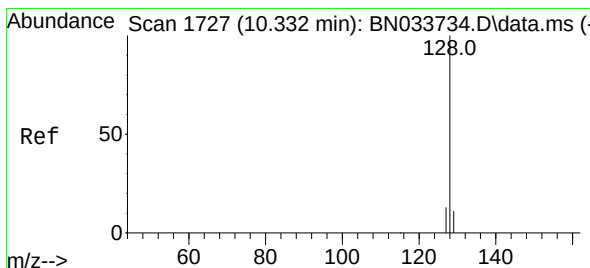
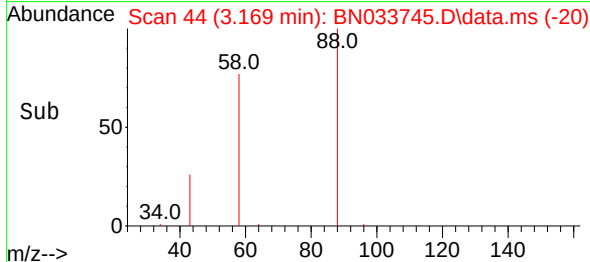
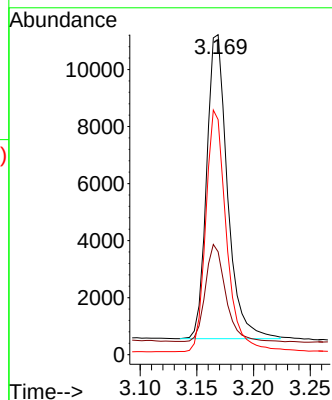
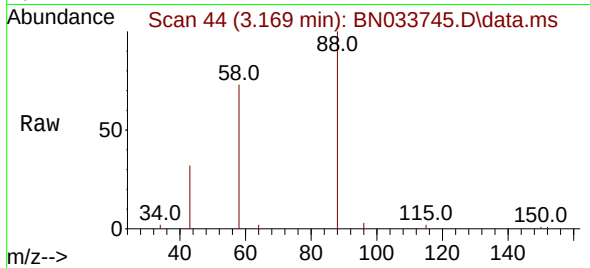




#2
1,4-Dioxane
Concen: 1.910 ng/ul
RT: 3.169 min Scan# 44
Delta R.T. 0.000 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

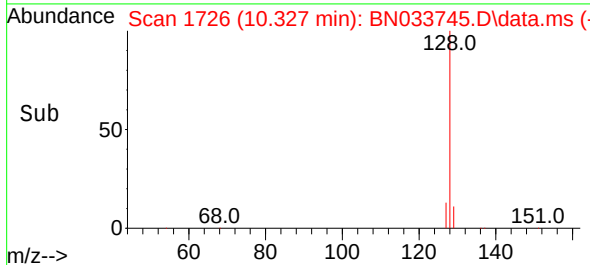
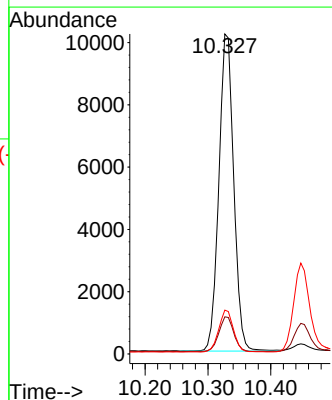
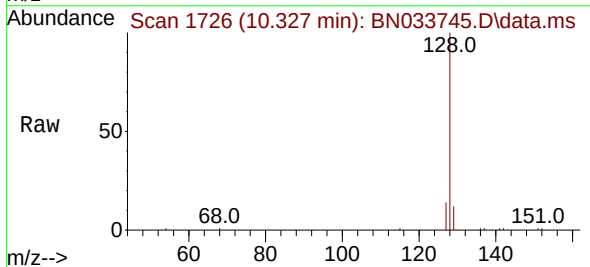
Instrument :
BNA_N
ClientSampleId :
SLCS096

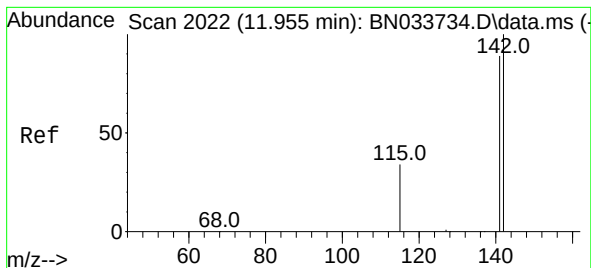
Tgt Ion: 88 Resp: 13612
Ion Ratio Lower Upper
88 100
43 32.2 47.0 70.4#
58 73.5 53.0 79.4



#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.327 min Scan# 1726
Delta R.T. -0.005 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

Tgt Ion:128 Resp: 16752
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.7 10.8 16.2





#7

2-Methylnaphthalene

Concen: 0.366 ng/ul

RT: 11.955 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BN033745.D

Acq: 03 Sep 2024 17:34

Instrument :

BNA_N

ClientSampleId :

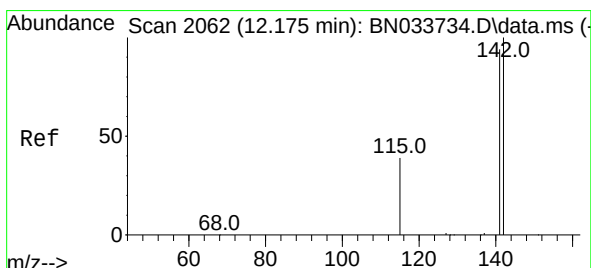
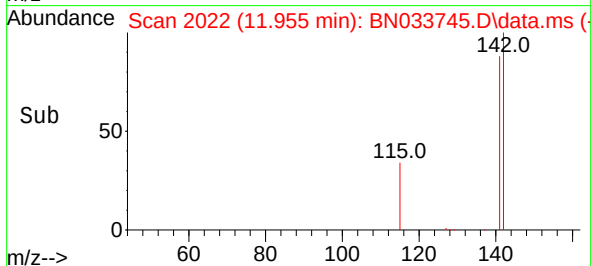
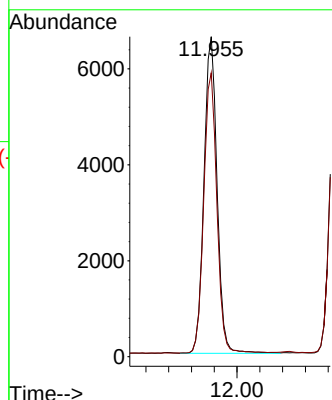
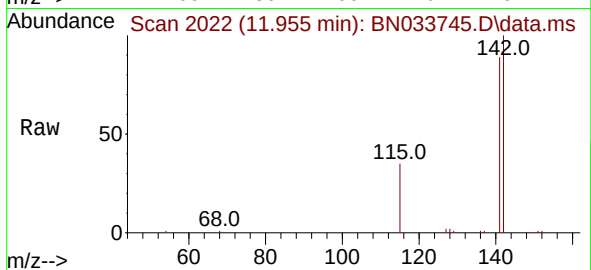
SLCS096

Tgt Ion:142 Resp: 10515

Ion Ratio Lower Upper

142 100

141 88.8 71.1 106.7



#8

1-Methylnaphthalene

Concen: 0.419 ng/ul

RT: 12.175 min Scan# 2062

Delta R.T. 0.000 min

Lab File: BN033745.D

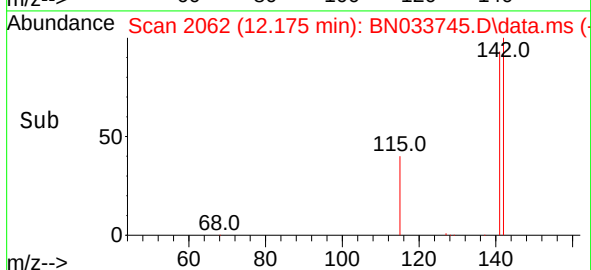
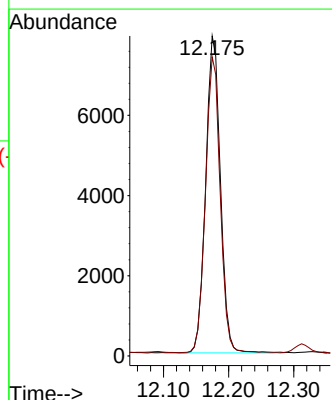
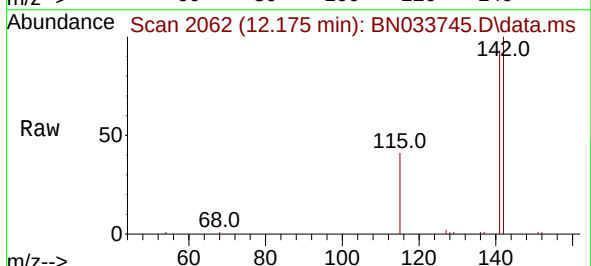
Acq: 03 Sep 2024 17:34

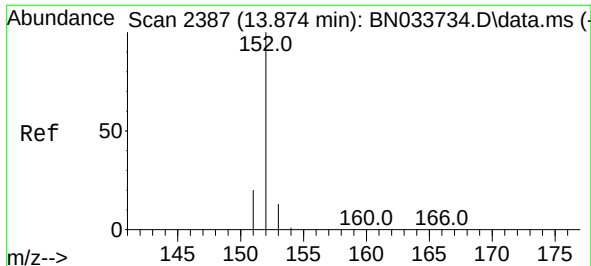
Tgt Ion:142 Resp: 12399

Ion Ratio Lower Upper

142 100

141 93.2 73.6 110.4

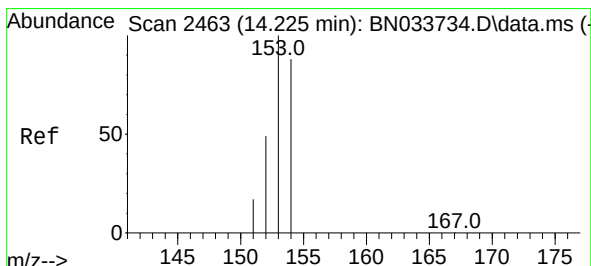
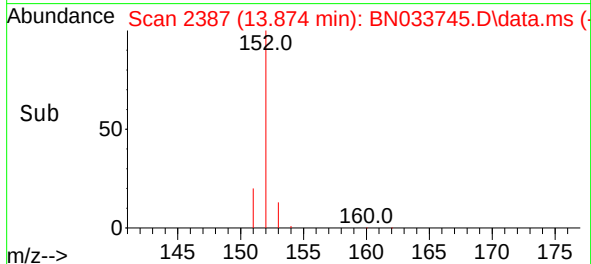
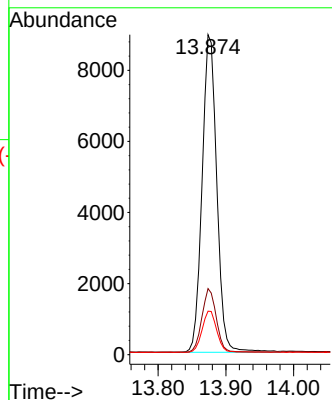
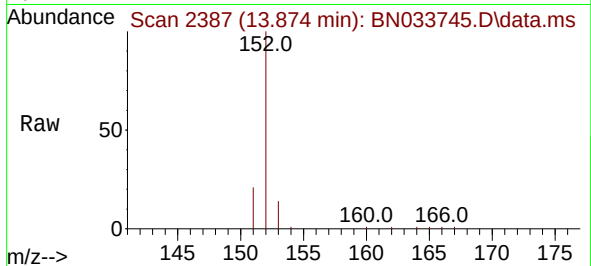




#10
Acenaphthylene
Concen: 0.354 ng/ul
RT: 13.874 min Scan# 2387
Delta R.T. 0.000 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

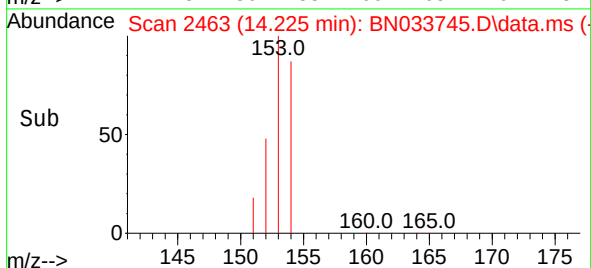
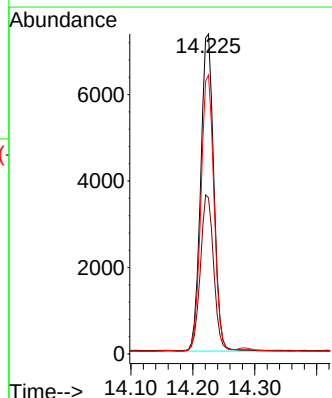
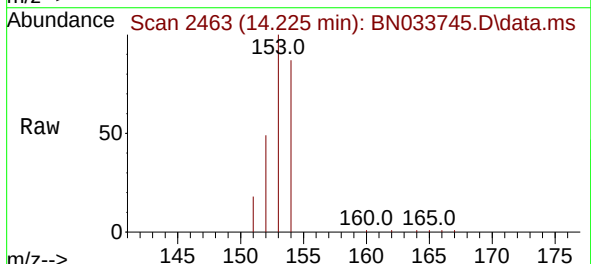
Instrument :
BNA_N
ClientSampleId :
SLCS096

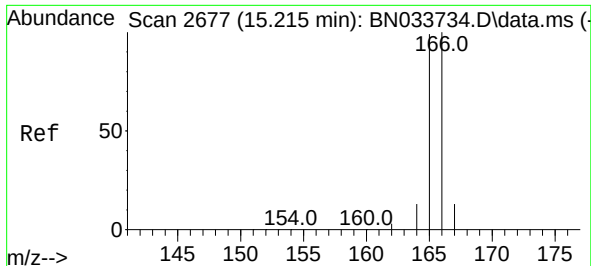
Tgt Ion:152 Resp: 13466
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.6 10.8 16.2



#11
Acenaphthene
Concen: 0.394 ng/ul
RT: 14.225 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

Tgt Ion:153 Resp: 10817
Ion Ratio Lower Upper
153 100
152 48.8 39.8 59.8
154 87.1 69.0 103.6

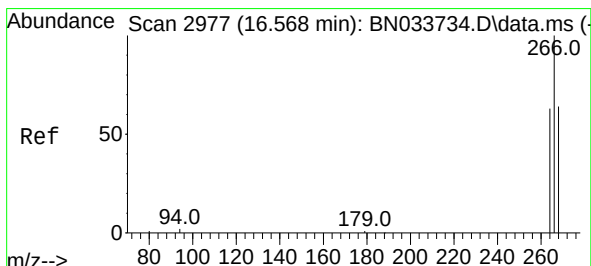
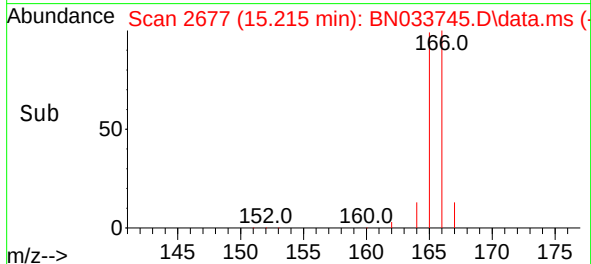
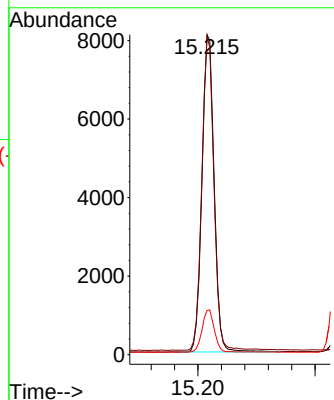
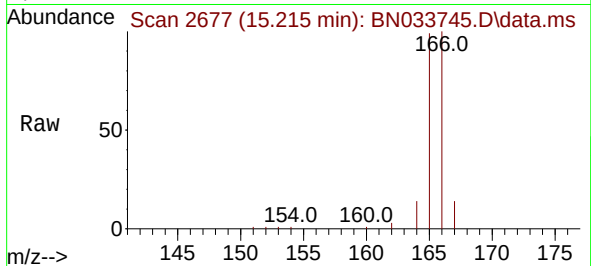




#12
Fluorene
Concen: 0.381 ng/ul
RT: 15.215 min Scan# 2677
Delta R.T. 0.000 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

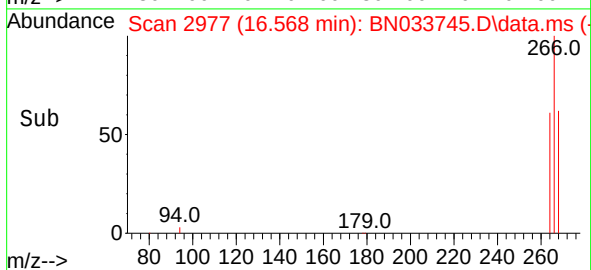
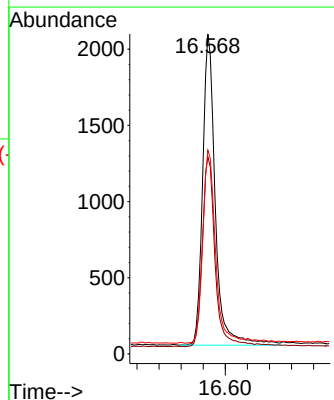
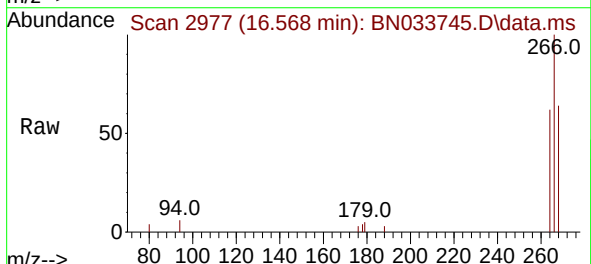
Instrument :
BNA_N
ClientSampleId :
SLCS096

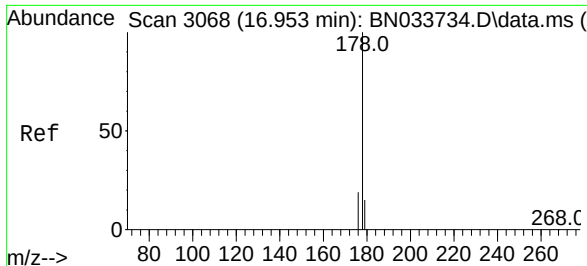
Tgt Ion:166 Resp: 11684
Ion Ratio Lower Upper
166 100
165 99.4 79.1 118.7
167 13.8 11.4 17.0



#14
Pentachlorophenol
Concen: 0.603 ng/ul
RT: 16.568 min Scan# 2977
Delta R.T. 0.000 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

Tgt Ion:266 Resp: 3255
Ion Ratio Lower Upper
266 100
264 62.4 50.3 75.5
268 64.0 51.7 77.5





#15

Phenanthrene

Concen: 0.364 ng/ul

RT: 16.953 min Scan# 3068

Delta R.T. 0.000 min

Lab File: BN033745.D

Acq: 03 Sep 2024 17:34

Instrument :

BNA_N

ClientSampleId :

SLCS096

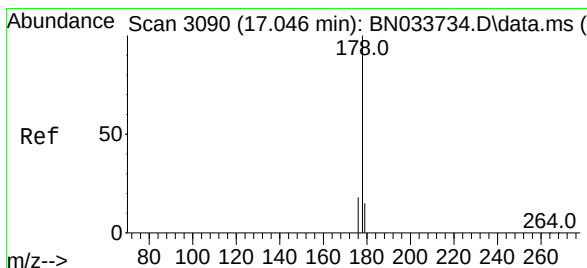
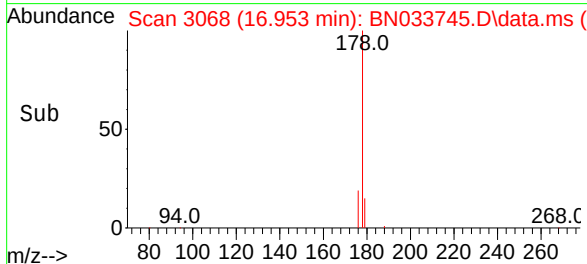
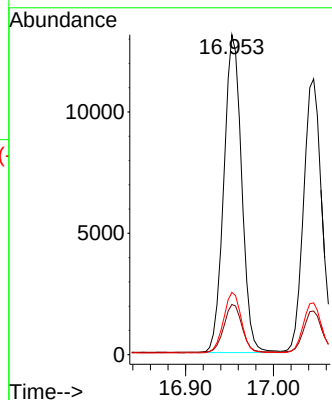
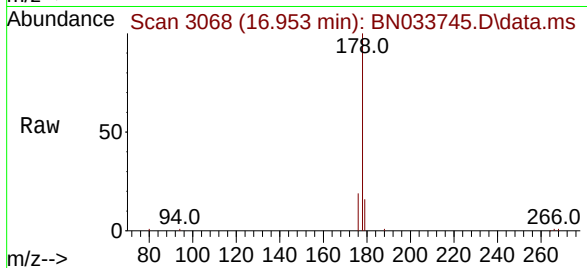
Tgt Ion:178 Resp: 18434

Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

176 19.5 15.7 23.5



#16

Anthracene

Concen: 0.365 ng/ul

RT: 17.046 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BN033745.D

Acq: 03 Sep 2024 17:34

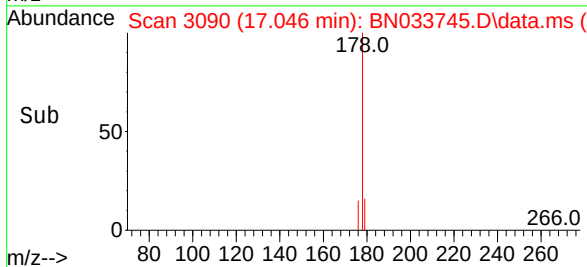
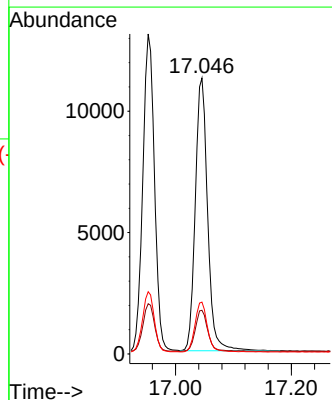
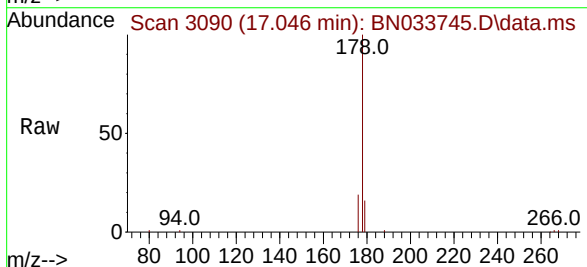
Tgt Ion:178 Resp: 16591

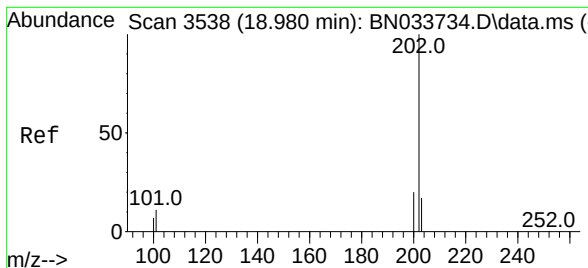
Ion Ratio Lower Upper

178 100

179 15.9 13.0 19.4

176 18.8 15.2 22.8





#19

Fluoranthene

Concen: 0.389 ng/ul

RT: 18.980 min Scan# 3538

Delta R.T. 0.000 min

Lab File: BN033745.D

Acq: 03 Sep 2024 17:34

Instrument :

BNA_N

ClientSampleId :

SLCS096

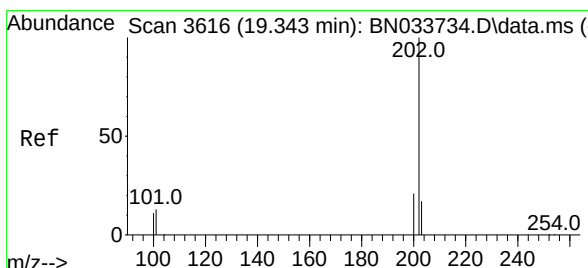
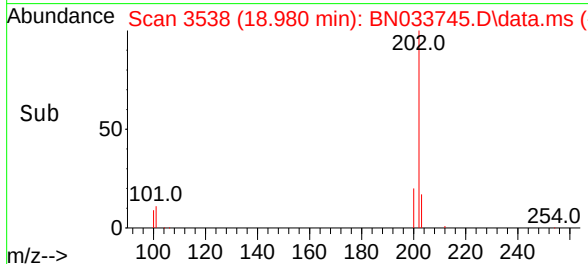
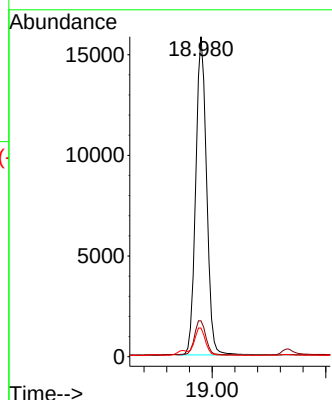
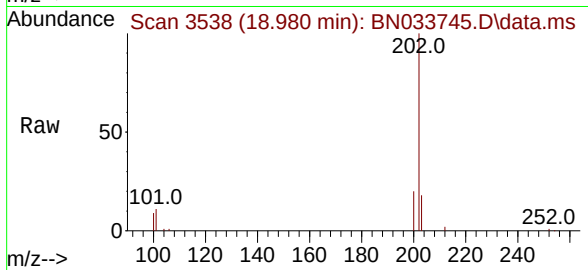
Tgt Ion:202 Resp: 20915

Ion Ratio Lower Upper

202 100

101 11.2 9.0 13.4

100 9.0 6.7 10.1



#20

Pyrene

Concen: 0.386 ng/ul

RT: 19.343 min Scan# 3616

Delta R.T. 0.000 min

Lab File: BN033745.D

Acq: 03 Sep 2024 17:34

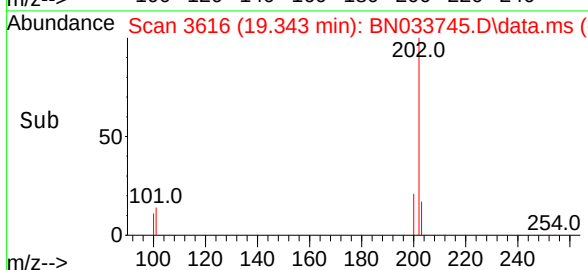
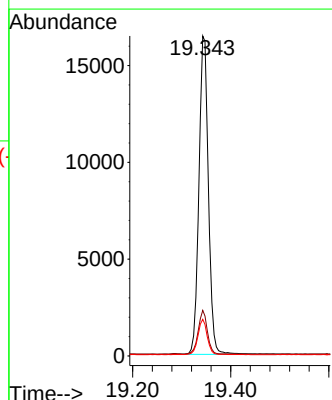
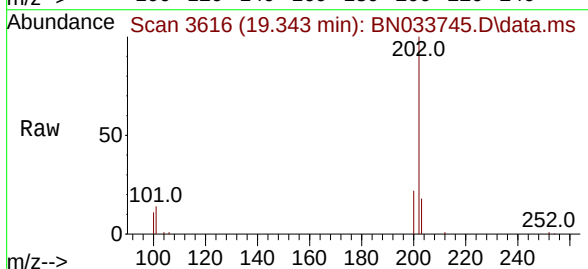
Tgt Ion:202 Resp: 22072

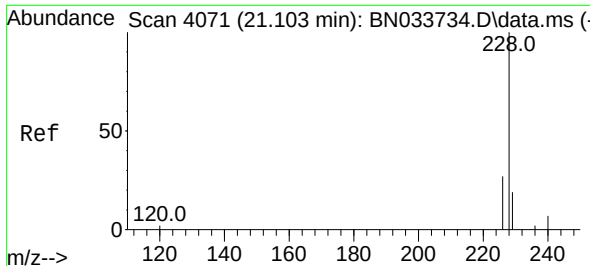
Ion Ratio Lower Upper

202 100

101 14.2 10.8 16.2

100 11.5 8.7 13.1

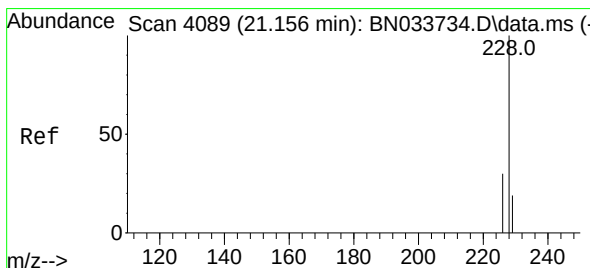
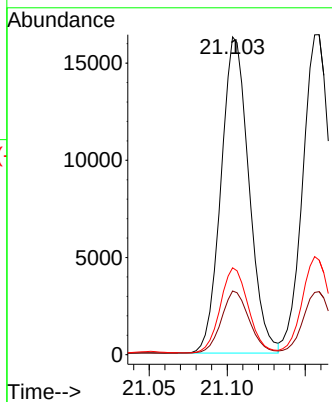
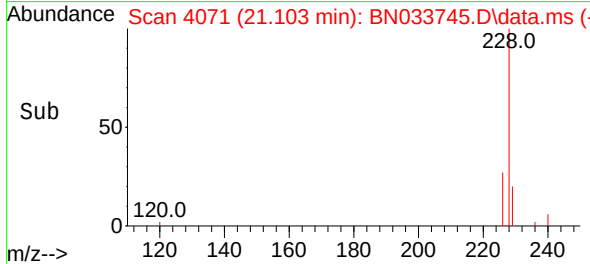
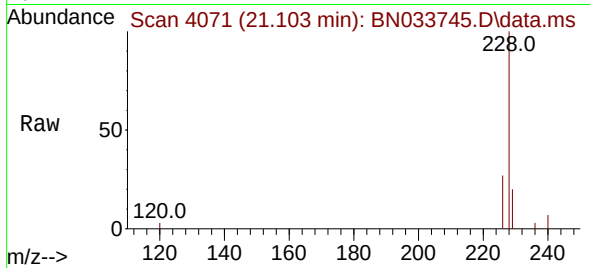




#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.103 min Scan# 4071
Delta R.T. 0.000 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

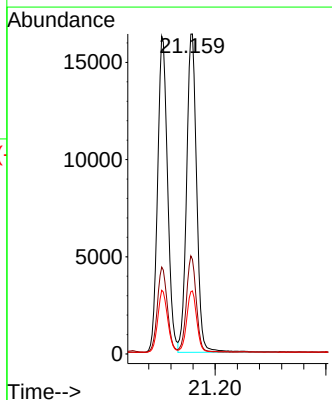
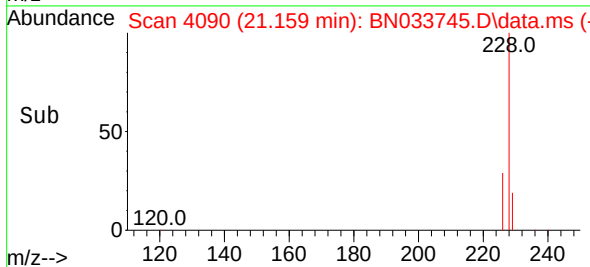
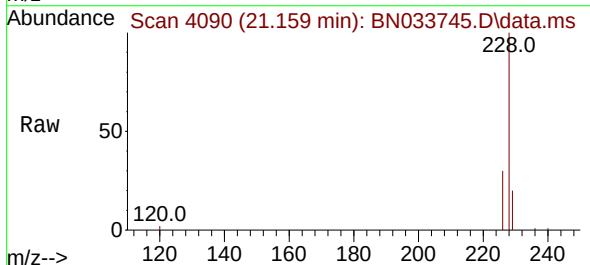
Instrument :
BNA_N
ClientSampleId :
SLCS096

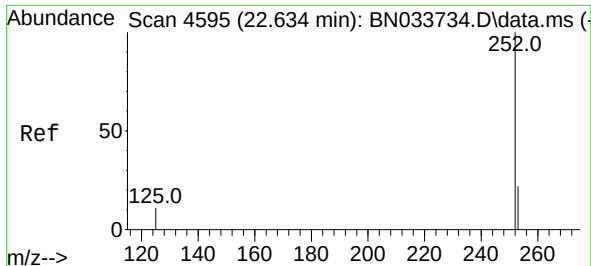
Tgt Ion:228 Resp: 20251
Ion Ratio Lower Upper
228 100
229 20.0 15.4 23.2
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.381 ng/ul
RT: 21.159 min Scan# 4090
Delta R.T. 0.003 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

Tgt Ion:228 Resp: 20691
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.2
229 19.7 15.6 23.4





#24

Benzo(b)fluoranthene

Concen: 0.365 ng/ul

RT: 22.637 min Scan# 4595

Delta R.T. 0.003 min

Lab File: BN033745.D

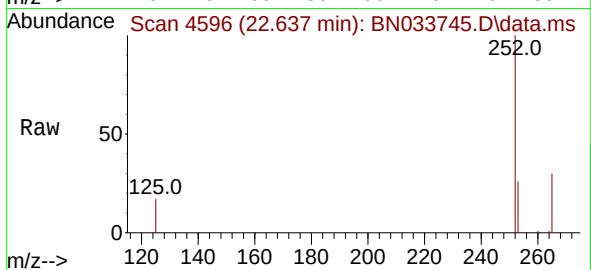
Acq: 03 Sep 2024 17:34

Instrument :

BNA_N

ClientSampleId :

SLCS096



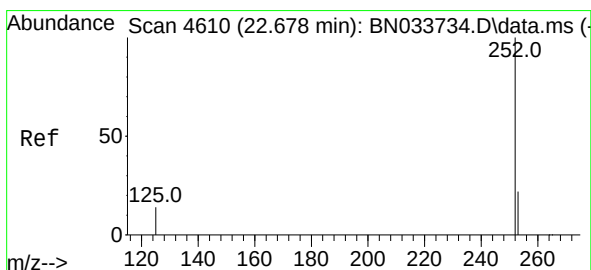
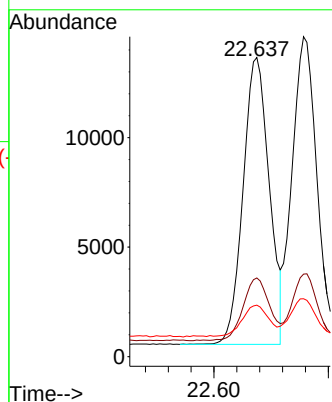
Tgt Ion:252 Resp: 20808

Ion Ratio Lower Upper

252 100

253 26.3 0.0 52.8

125 17.2 0.0 36.4



#25

Benzo(k)fluoranthene

Concen: 0.376 ng/ul

RT: 22.678 min Scan# 4610

Delta R.T. 0.000 min

Lab File: BN033745.D

Acq: 03 Sep 2024 17:34

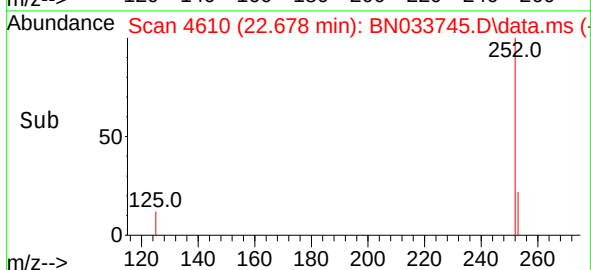
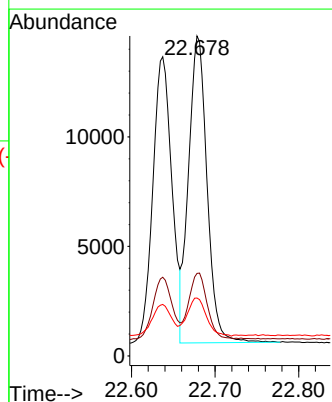
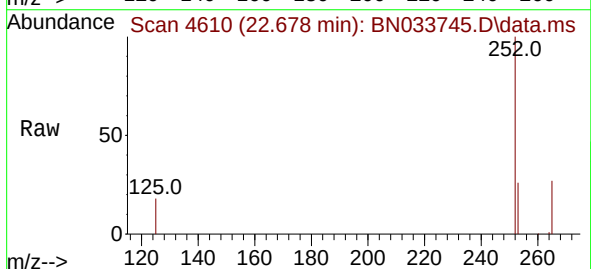
Tgt Ion:252 Resp: 21478

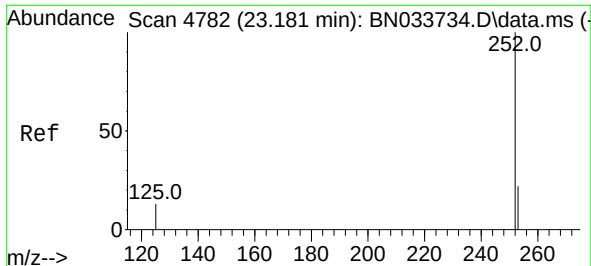
Ion Ratio Lower Upper

252 100

253 25.8 21.4 32.0

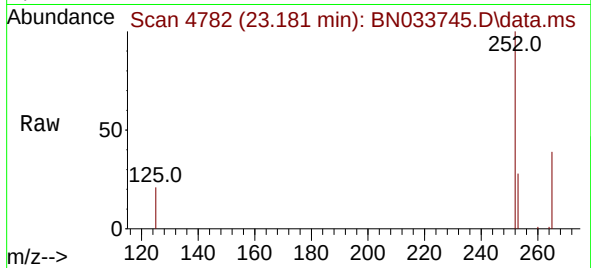
125 18.1 15.1 22.7



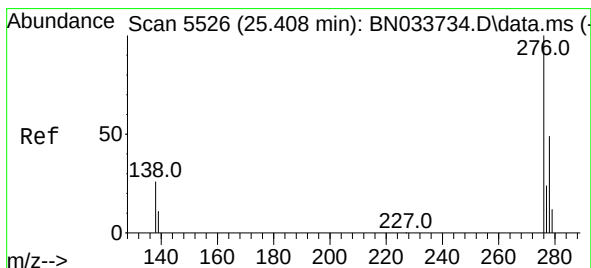
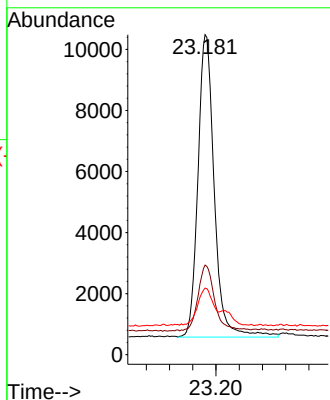
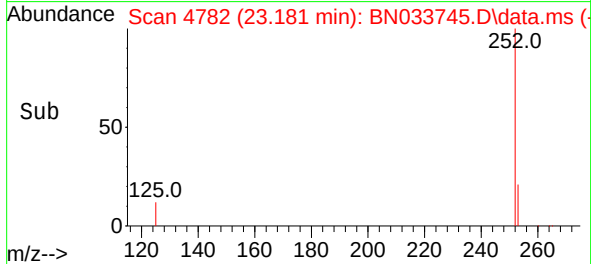


#26
Benzo(a)pyrene
Concen: 0.421 ng/ul
RT: 23.181 min Scan# 4782
Delta R.T. 0.000 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

Instrument :
BNA_N
ClientSampleId :
SLCS096

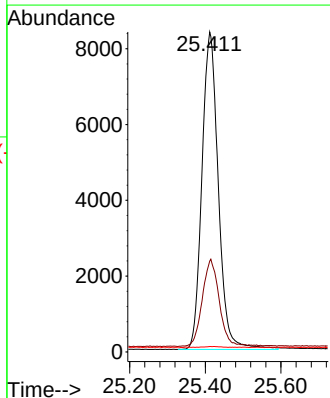
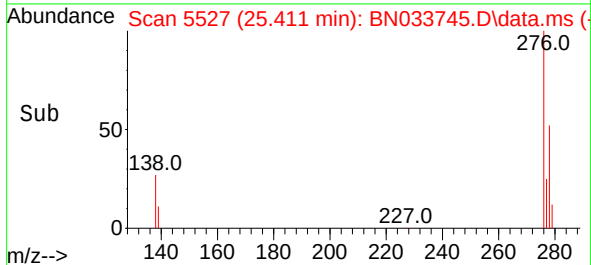
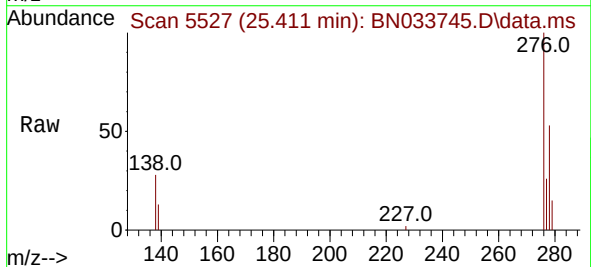


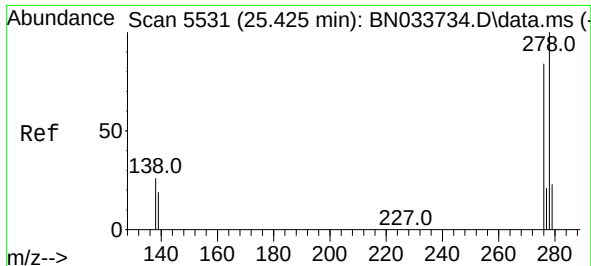
Tgt Ion:252 Resp: 19290
Ion Ratio Lower Upper
252 100
253 28.0 22.8 34.2
125 20.8 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng/ul
RT: 25.411 min Scan# 5527
Delta R.T. 0.003 min
Lab File: BN033745.D
Acq: 03 Sep 2024 17:34

Tgt Ion:276 Resp: 25198
Ion Ratio Lower Upper
276 100
138 28.4 22.3 33.5
227 0.2 0.2 0.4#





#28

Dibenzo(a,h)anthracene

Concen: 0.366 ng/ul

RT: 25.425 min Scan# 5531

Delta R.T. 0.000 min

Lab File: BN033745.D

Acq: 03 Sep 2024 17:34

Instrument :

BNA_N

ClientSampleId :

SLCS096

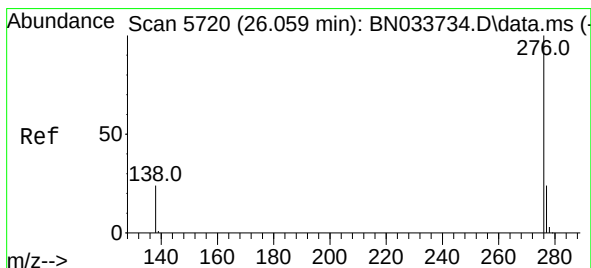
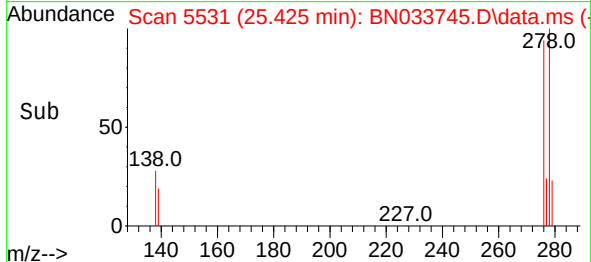
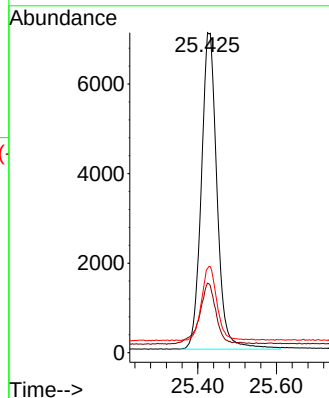
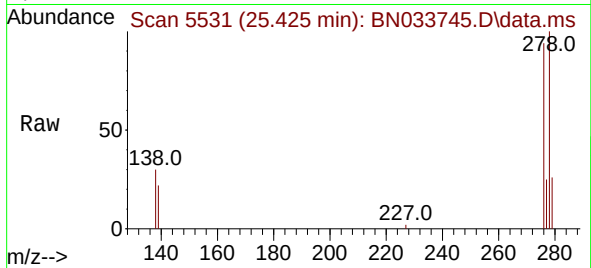
Tgt Ion:278 Resp: 19572

Ion Ratio Lower Upper

278 100

139 21.7 17.3 25.9

279 26.4 21.5 32.3



#29

Benzo(g,h,i)perylene

Concen: 0.367 ng/ul

RT: 26.059 min Scan# 5720

Delta R.T. 0.000 min

Lab File: BN033745.D

Acq: 03 Sep 2024 17:34

Tgt Ion:276 Resp: 19725

Ion Ratio Lower Upper

276 100

138 25.9 20.8 31.2

277 25.2 20.2 30.4

