

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032836.D
 Acq On : 19 Jul 2024 12:09
 Operator : MA/JU
 Sample : PB162090BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS090

Quant Time: Jul 19 13:05:36 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 : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

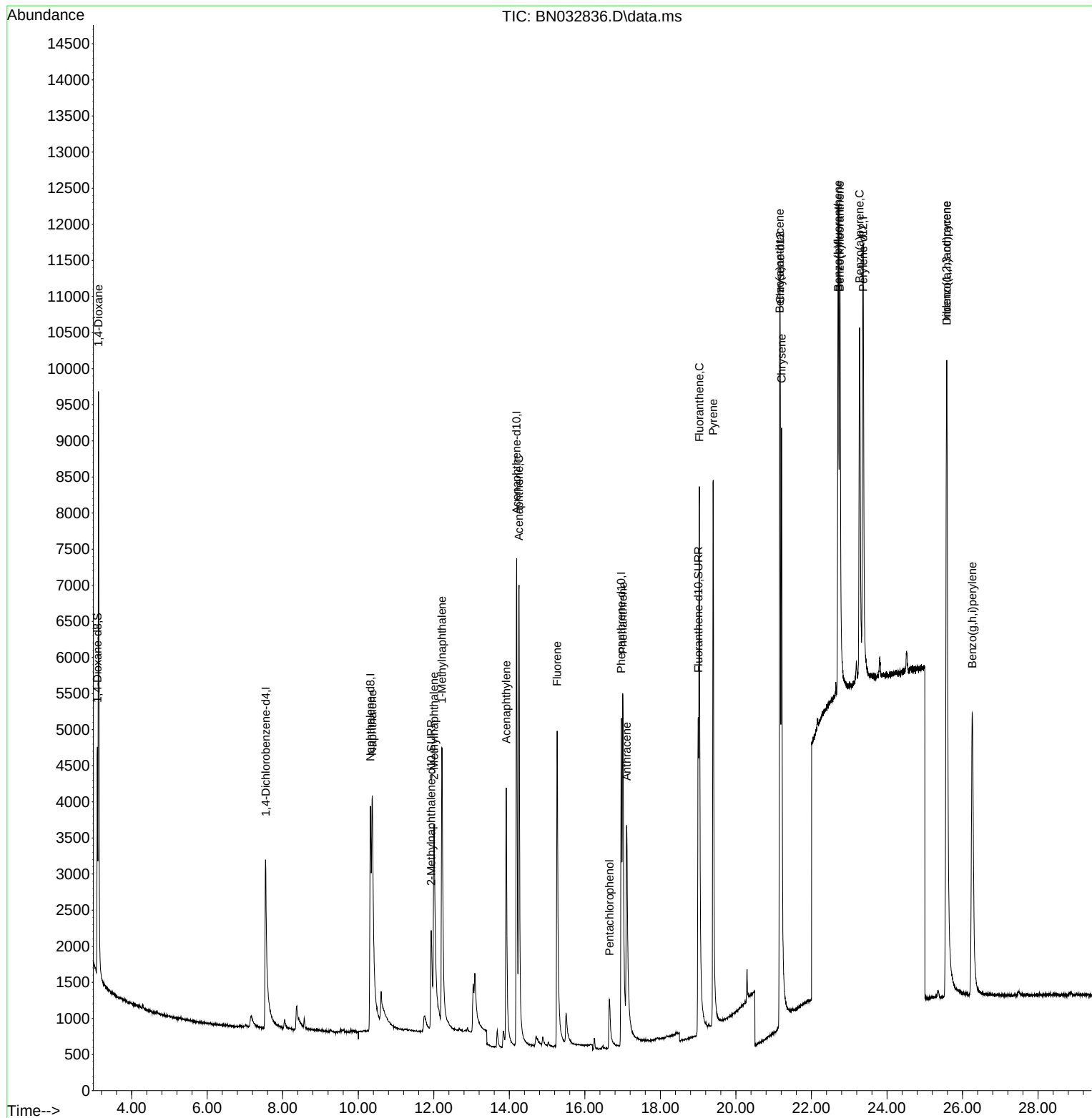
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	2733	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	8874	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.193	164	5073	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.965	188	9108	0.400	ng/ul	0.00
17) Chrysene-d12	21.173	240	8151	0.400	ng/ul	0.00
23) Perylene-d12	23.368	264	10047	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	2248	0.685	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	4099	0.306	ng/ul	0.00
18) Fluoranthene-d10	19.004	212	7786	0.293	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.122	88	6046	1.618	ng/ul	92
5) Naphthalene	10.376	128	7277	0.305	ng/ul	97
7) 2-Methylnaphthalene	12.010	142	4258	0.286	ng/ul	100
8) 1-Methylnaphthalene	12.219	142	4395	0.286	ng/ul	100
10) Acenaphthylene	13.920	152	6233	0.304	ng/ul	97
11) Acenaphthene	14.258	153	5060	0.299	ng/ul	100
12) Fluorene	15.266	166	5018	0.259	ng/ul	99
14) Pentachlorophenol	16.653	266	1081	0.676	ng/ul	100
15) Phenanthrene	17.008	178	7081	0.285	ng/ul	97
16) Anthracene	17.109	178	6153	0.304	ng/ul	97
19) Fluoranthene	19.031	202	8981	0.271	ng/ul	98
20) Pyrene	19.399	202	9538	0.278	ng/ul	99
21) Benzo(a)anthracene	21.159	228	8024	0.309	ng/ul	98
22) Chrysene	21.209	228	10640	0.283	ng/ul	98
24) Benzo(b)fluoranthene	22.708	252	9364	0.264	ng/ul	86
25) Benzo(k)fluoranthene	22.751	252	11184	0.259	ng/ul#	85
26) Benzo(a)pyrene	23.275	252	9509	0.310	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.579	276	12529	0.302	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.586	278	9803	0.304	ng/ul#	91
29) Benzo(g,h,i)perylene	26.257	276	10080	0.290	ng/ul	93

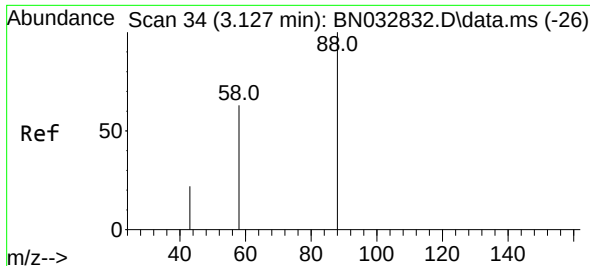
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032836.D
Acq On : 19 Jul 2024 12:09
Operator : MA/JU
Sample : PB162090BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
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SLCS090

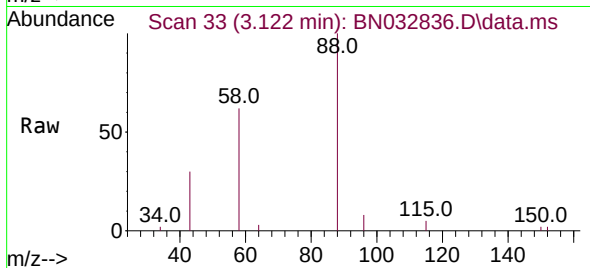
Quant Time: Jul 19 13:05:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





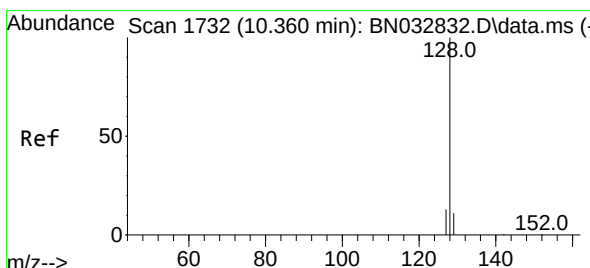
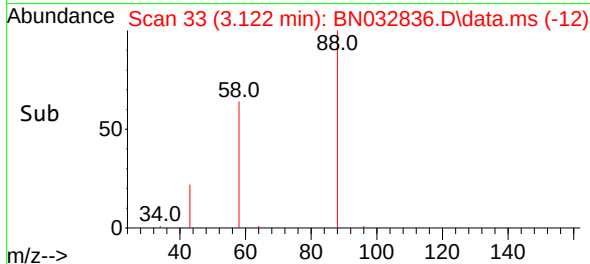
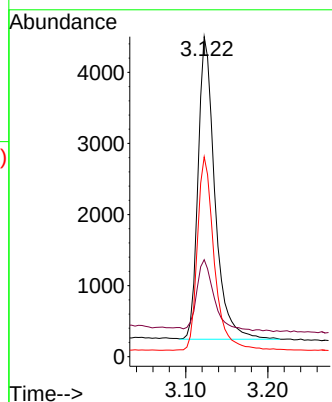
#2
1,4-Dioxane
Concen: 1.618 ng/ul
RT: 3.122 min Scan# 31
Delta R.T. -0.013 min
Lab File: BN032836.D
Acq: 19 Jul 2024 12:09

Instrument :
BNA_N
ClientSampleId :
SLCS090



Tgt Ion: 88 Resp: 6046

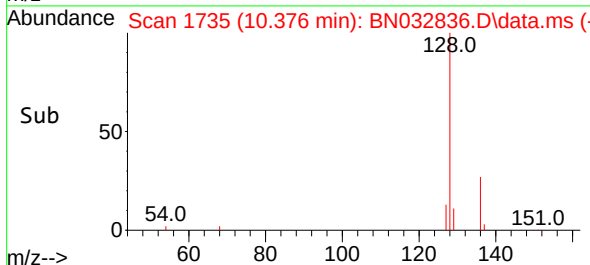
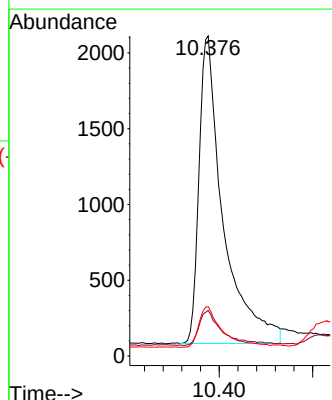
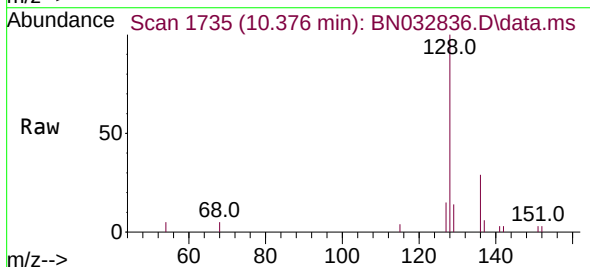
Ion	Ratio	Lower	Upper
88	100		
43	30.3	24.0	36.0
58	62.5	43.3	64.9

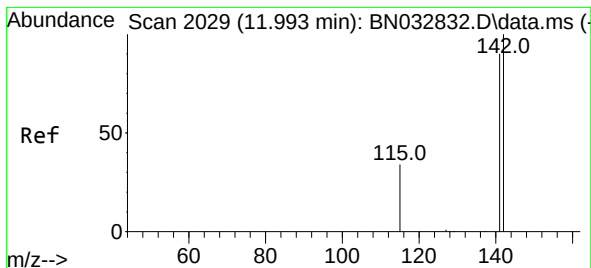


#5
Naphthalene
Concen: 0.305 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. 0.005 min
Lab File: BN032836.D
Acq: 19 Jul 2024 12:09

Tgt Ion: 128 Resp: 7277

Ion	Ratio	Lower	Upper
128	100		
129	14.2	10.0	15.0
127	15.4	11.6	17.4





#7

2-Methylnaphthalene

Concen: 0.286 ng/ul

RT: 12.010 min Scan# 2070

Delta R.T. 0.005 min

Lab File: BN032836.D

Acq: 19 Jul 2024 12:09

Instrument :

BNA_N

ClientSampleId :

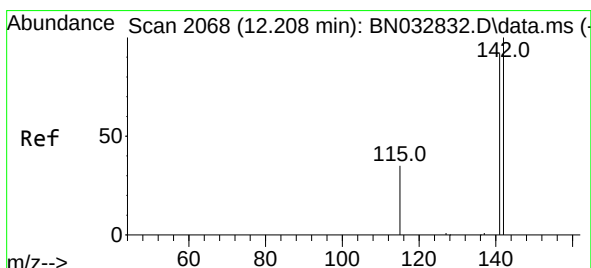
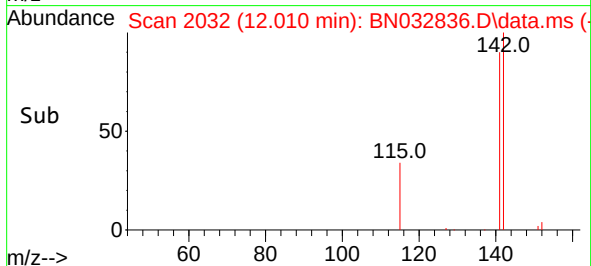
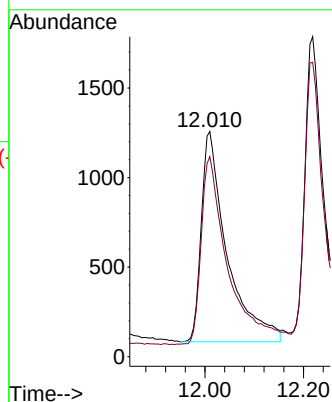
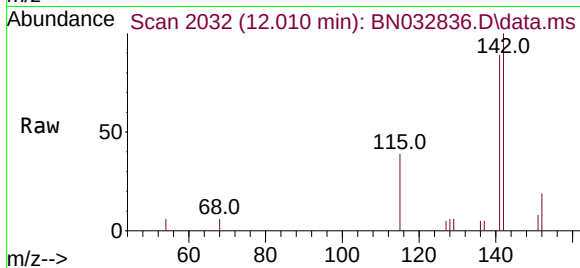
SLCS090

Tgt Ion:142 Resp: 4258

Ion Ratio Lower Upper

142 100

141 92.5 74.0 111.0



#8

1-Methylnaphthalene

Concen: 0.286 ng/ul

RT: 12.219 min Scan# 2070

Delta R.T. -0.000 min

Lab File: BN032836.D

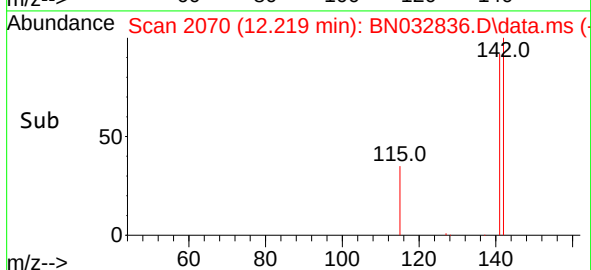
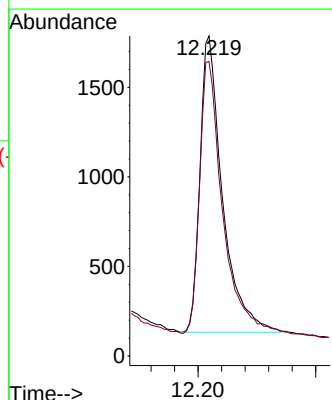
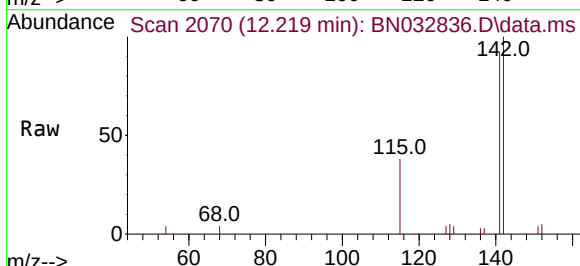
Acq: 19 Jul 2024 12:09

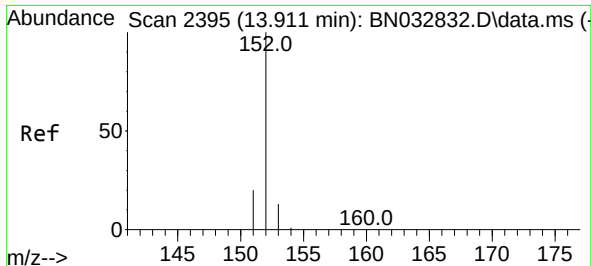
Tgt Ion:142 Resp: 4395

Ion Ratio Lower Upper

142 100

141 93.5 75.0 112.4

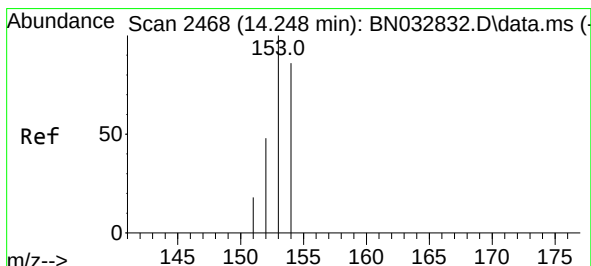
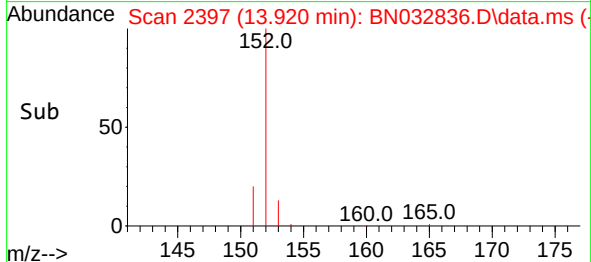
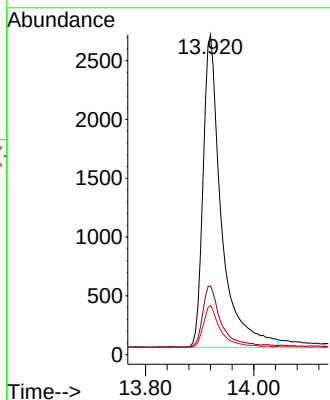
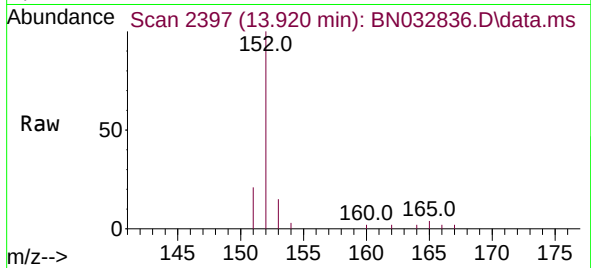




#10
Acenaphthylene
Concen: 0.304 ng/ul
RT: 13.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN032836.D
Acq: 19 Jul 2024 12:09

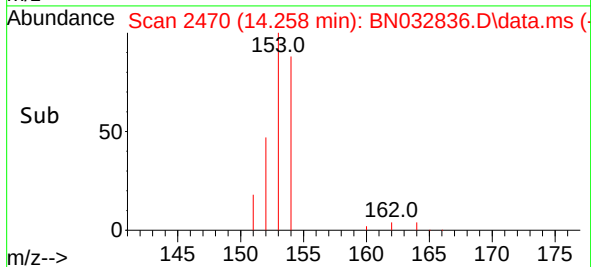
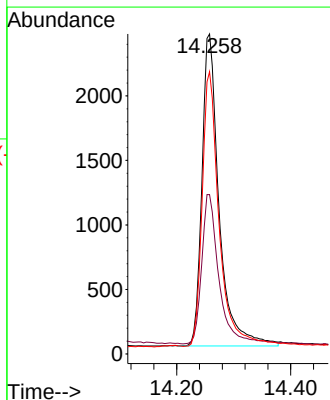
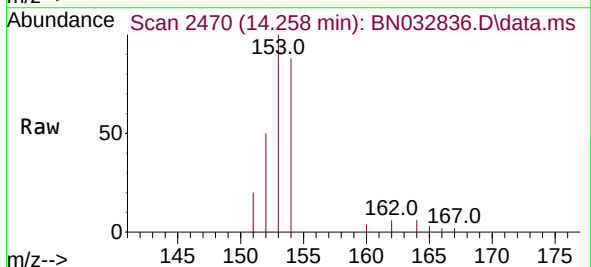
Instrument :
BNA_N
ClientSampleId :
SLCS090

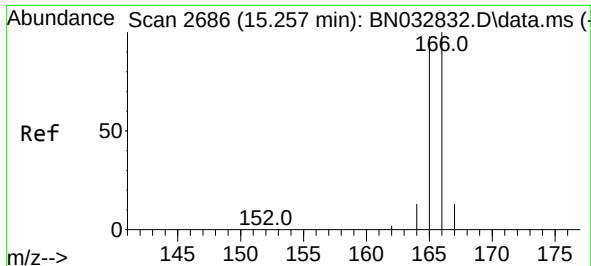
Tgt Ion:152 Resp: 6233
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 15.4 11.3 16.9



#11
Acenaphthene
Concen: 0.299 ng/ul
RT: 14.258 min Scan# 2470
Delta R.T. -0.000 min
Lab File: BN032836.D
Acq: 19 Jul 2024 12:09

Tgt Ion:153 Resp: 5060
Ion Ratio Lower Upper
153 100
152 49.8 40.0 60.0
154 88.2 70.2 105.4

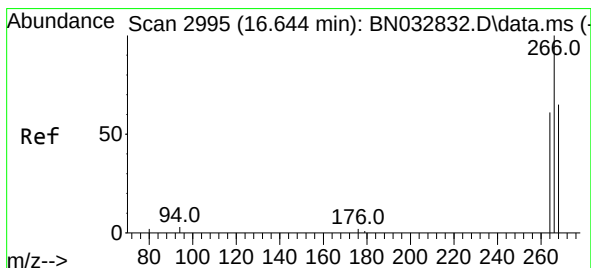
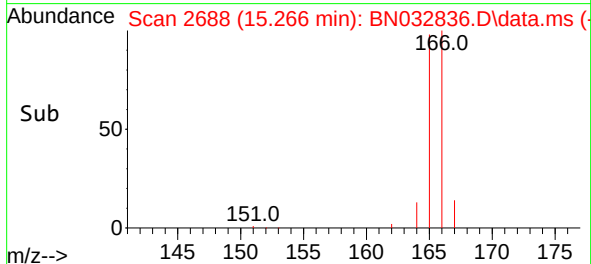
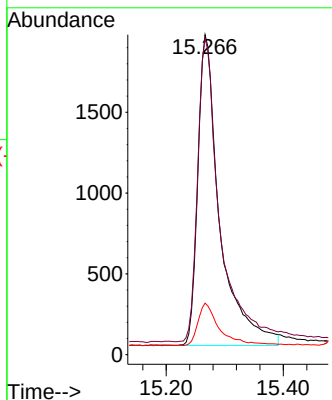
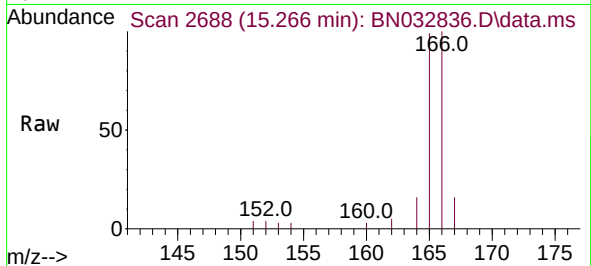




#12
Fluorene
Concen: 0.259 ng/ul
RT: 15.266 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BN032836.D
Acq: 19 Jul 2024 12:09

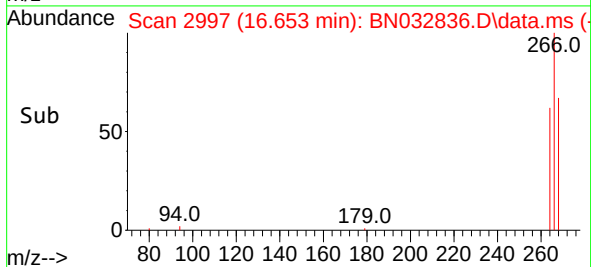
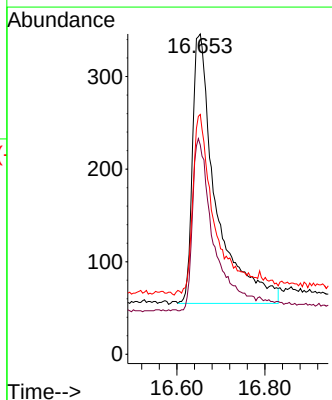
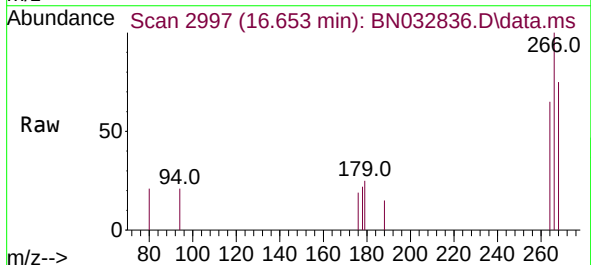
Instrument :
BNA_N
ClientSampleId :
SLCS090

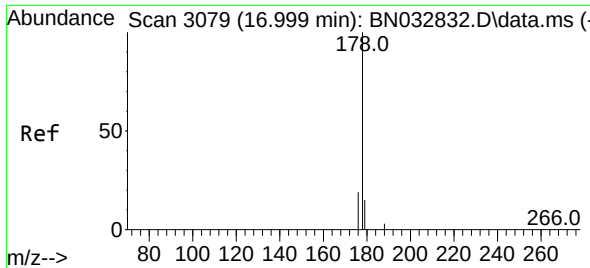
Tgt Ion:166 Resp: 5018
Ion Ratio Lower Upper
166 100
165 98.9 79.7 119.5
167 16.1 11.4 17.2



#14
Pentachlorophenol
Concen: 0.676 ng/ul
RT: 16.653 min Scan# 2997
Delta R.T. 0.004 min
Lab File: BN032836.D
Acq: 19 Jul 2024 12:09

Tgt Ion:266 Resp: 1081
Ion Ratio Lower Upper
266 100
264 61.1 49.4 74.2
268 64.5 51.6 77.4





#15

Phenanthrene

Concen: 0.285 ng/ul

RT: 17.008 min Scan# 3079

Delta R.T. -0.000 min

Lab File: BN032836.D

Acq: 19 Jul 2024 12:09

Instrument :

BNA_N

ClientSampleId :

SLCS090

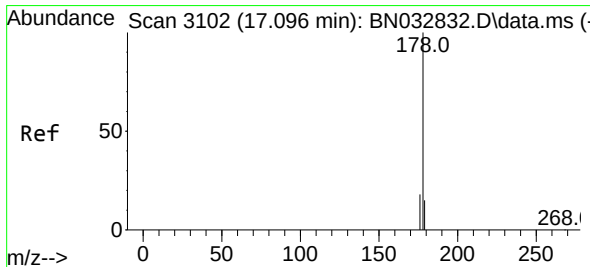
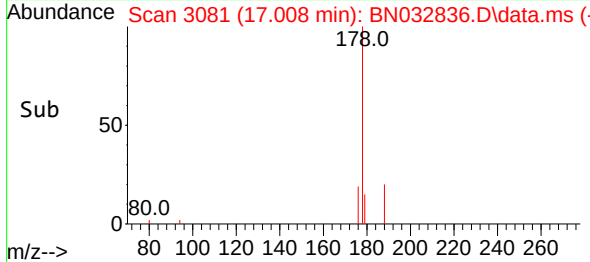
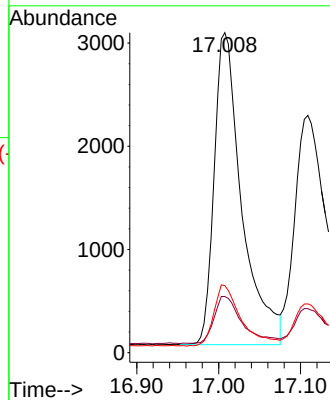
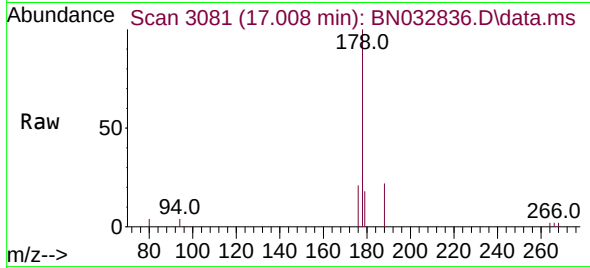
Tgt Ion:178 Resp: 7081

Ion Ratio Lower Upper

178 100

179 17.5 13.0 19.4

176 20.9 15.6 23.4



#16

Anthracene

Concen: 0.304 ng/ul

RT: 17.109 min Scan# 3105

Delta R.T. 0.004 min

Lab File: BN032836.D

Acq: 19 Jul 2024 12:09

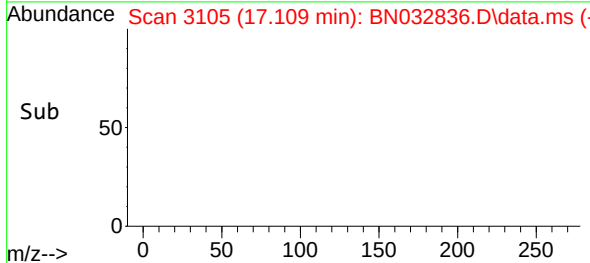
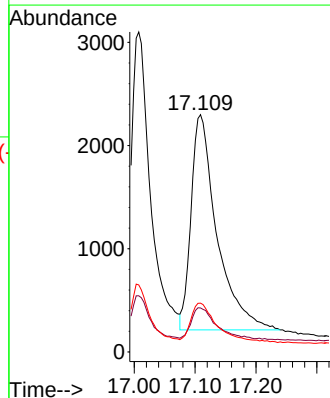
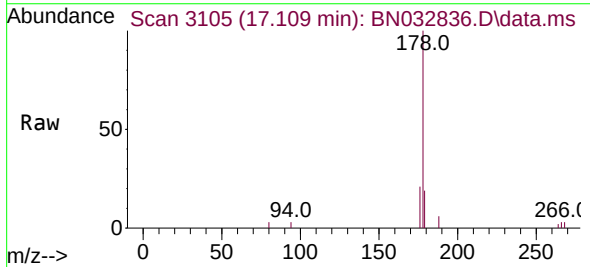
Tgt Ion:178 Resp: 6153

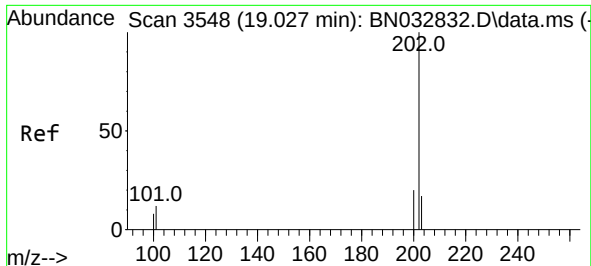
Ion Ratio Lower Upper

178 100

179 18.5 13.4 20.2

176 20.6 15.4 23.0





#19

Fluoranthene

Concen: 0.271 ng/ul

RT: 19.031 min Scan# 3549

Delta R.T. -0.000 min

Lab File: BN032836.D

Acq: 19 Jul 2024 12:09

Instrument :

BNA_N

ClientSampleId :

SLCS090

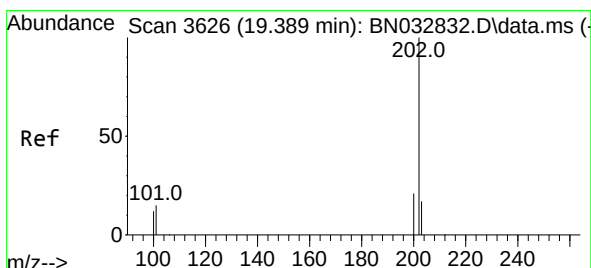
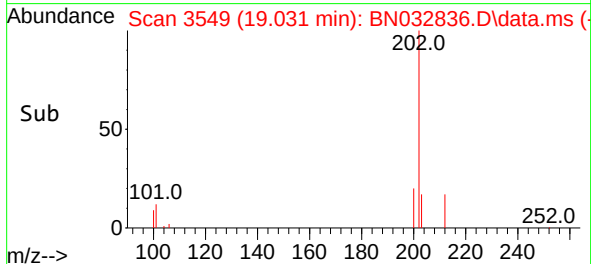
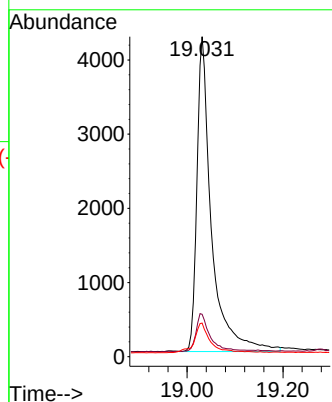
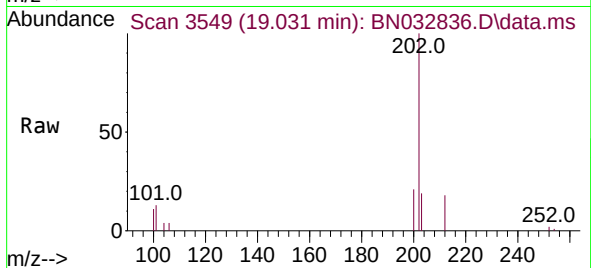
Tgt Ion:202 Resp: 8981

Ion Ratio Lower Upper

202 100

101 13.2 9.8 14.8

100 10.5 7.9 11.9



#20

Pyrene

Concen: 0.278 ng/ul

RT: 19.399 min Scan# 3628

Delta R.T. -0.000 min

Lab File: BN032836.D

Acq: 19 Jul 2024 12:09

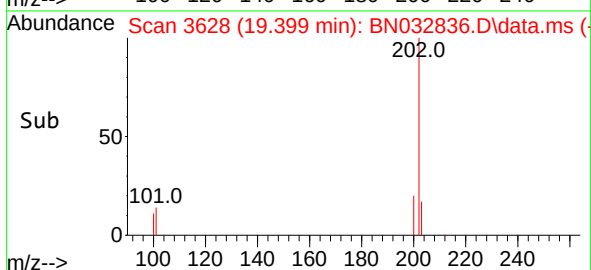
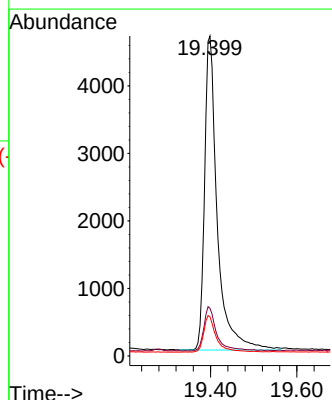
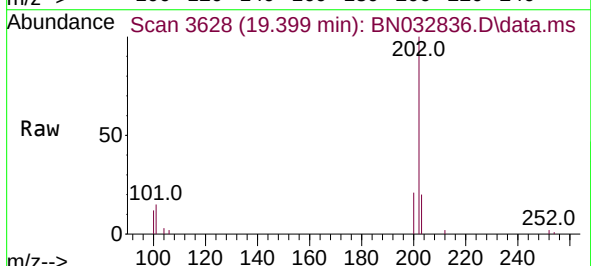
Tgt Ion:202 Resp: 9538

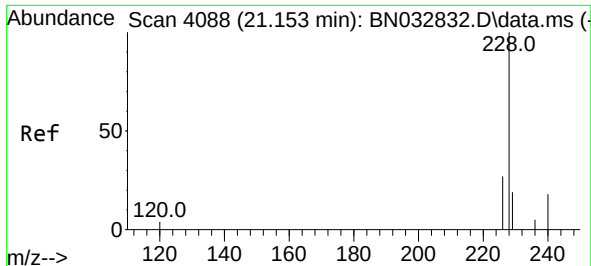
Ion Ratio Lower Upper

202 100

101 14.9 11.8 17.6

100 12.3 9.6 14.4

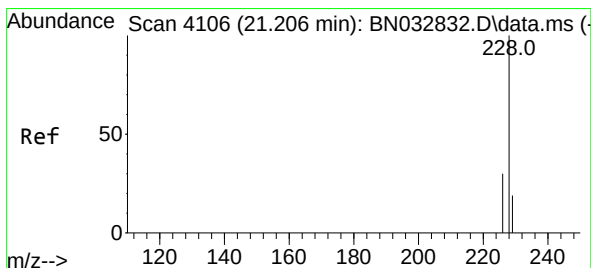
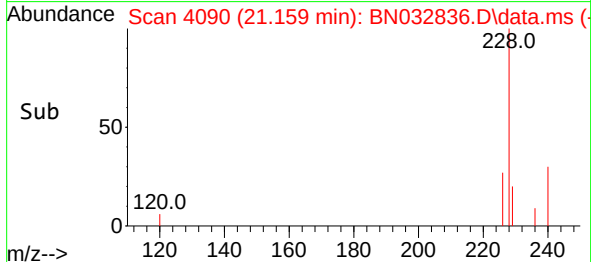
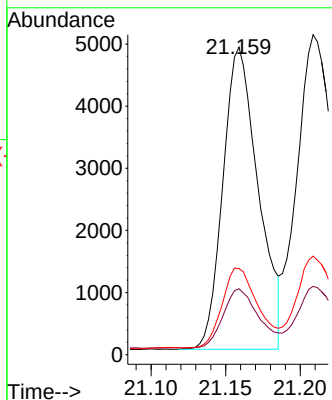
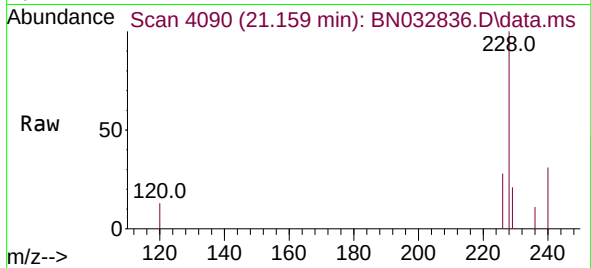




#21
Benzo(a)anthracene
Concen: 0.309 ng/ul
RT: 21.159 min Scan# 4088
Delta R.T. -0.000 min
Lab File: BN032836.D
Acq: 19 Jul 2024 12:09

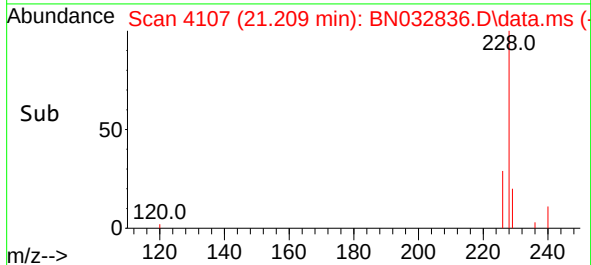
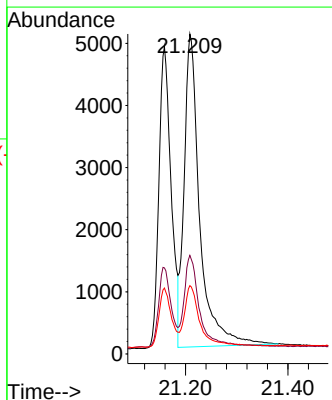
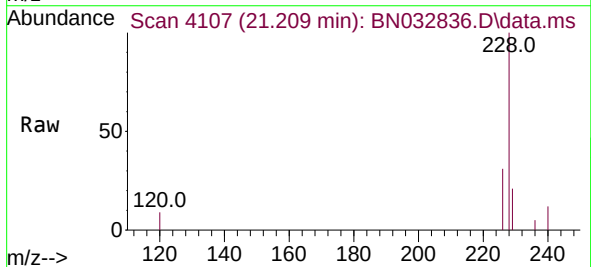
Instrument :
BNA_N
ClientSampleId :
SLCS090

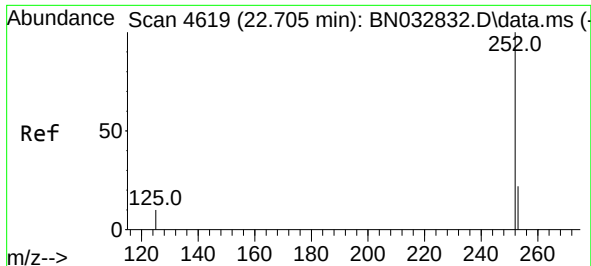
Tgt Ion:228 Resp: 8024
Ion Ratio Lower Upper
228 100
229 21.5 16.1 24.1
226 28.0 21.9 32.9



#22
Chrysene
Concen: 0.283 ng/ul
RT: 21.209 min Scan# 4107
Delta R.T. -0.003 min
Lab File: BN032836.D
Acq: 19 Jul 2024 12:09

Tgt Ion:228 Resp: 10640
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 21.4 15.8 23.6

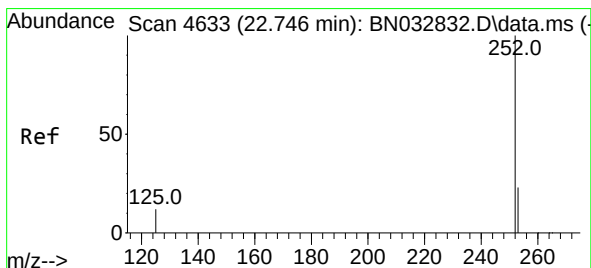
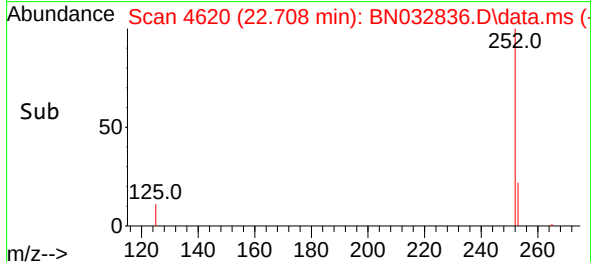
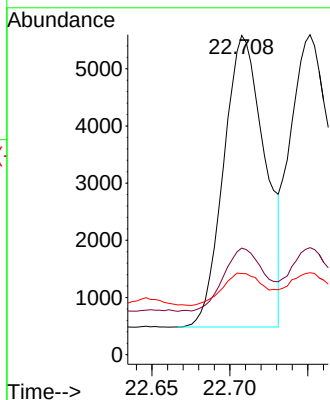
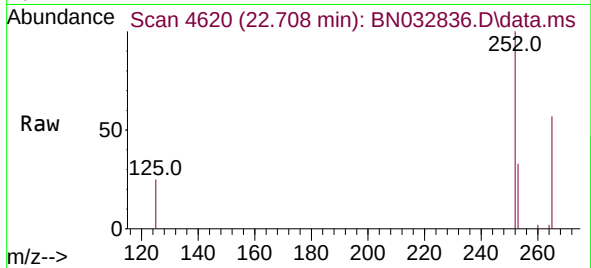




#24
Benzo(b)fluoranthene
Concen: 0.264 ng/ul
RT: 22.708 min Scan# 4620
Delta R.T. -0.003 min
Lab File: BN032836.D
Acq: 19 Jul 2024 12:09

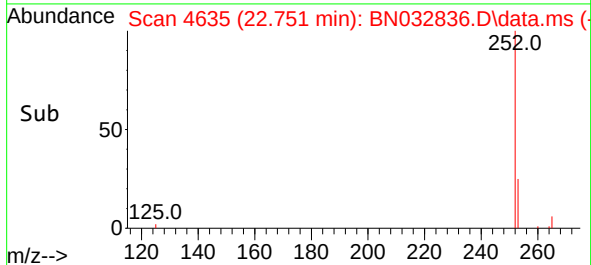
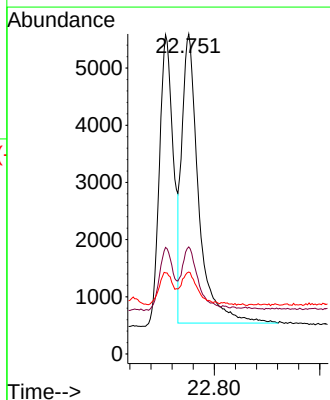
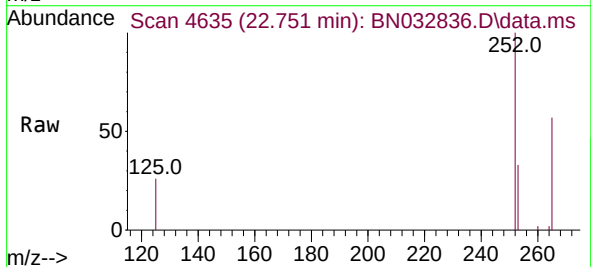
Instrument :
BNA_N
ClientSampleId :
SLCS090

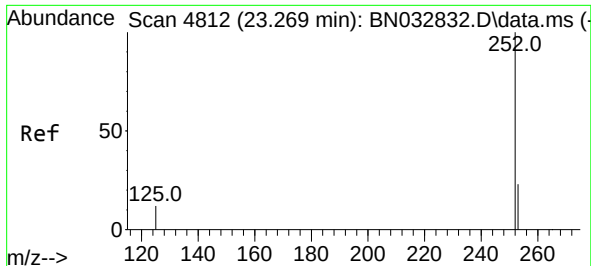
Tgt Ion:252 Resp: 9364
Ion Ratio Lower Upper
252 100
253 33.4 0.0 54.0
125 25.4 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.259 ng/ul
RT: 22.751 min Scan# 4635
Delta R.T. -0.003 min
Lab File: BN032836.D
Acq: 19 Jul 2024 12:09

Tgt Ion:252 Resp: 11184
Ion Ratio Lower Upper
252 100
253 33.5 21.2 31.8#
125 25.6 14.8 22.2#

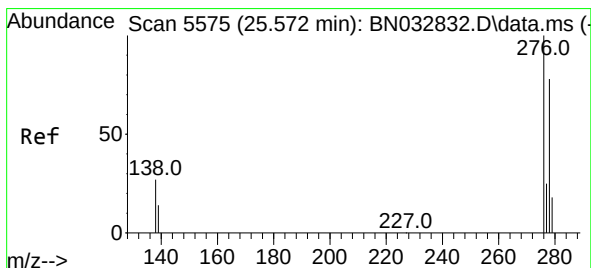
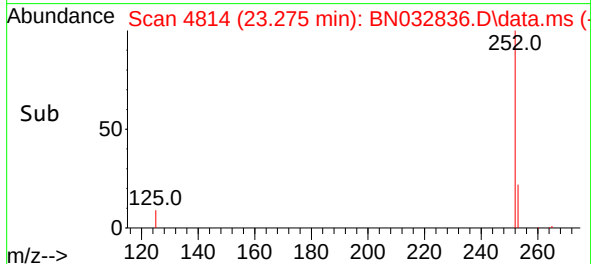
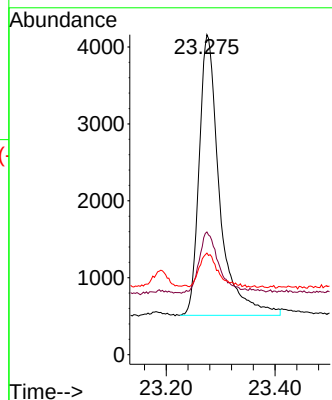
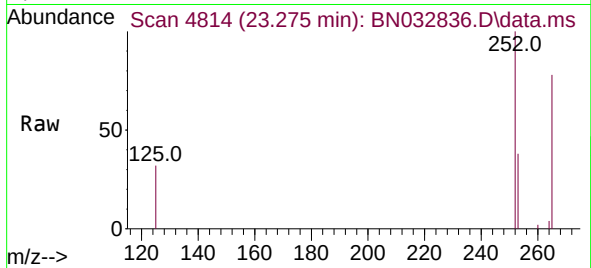




#26
Benzo(a)pyrene
Concen: 0.310 ng/ul
RT: 23.275 min Scan# 4812
Delta R.T. -0.003 min
Lab File: BN032836.D
Acq: 19 Jul 2024 12:09

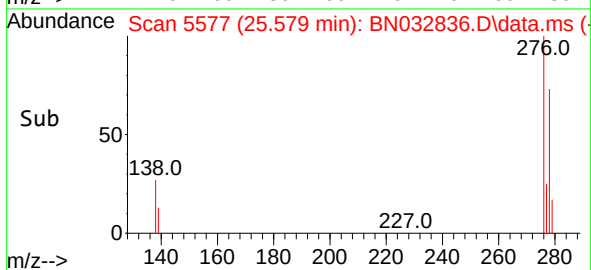
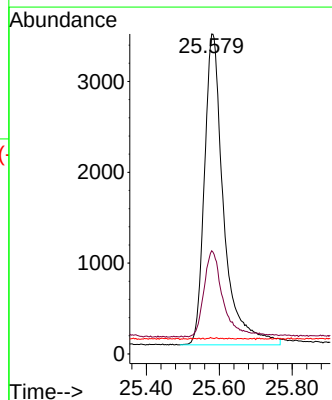
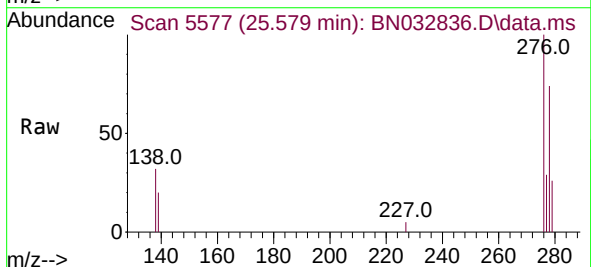
Instrument :
BNA_N
ClientSampleId :
SLCS090

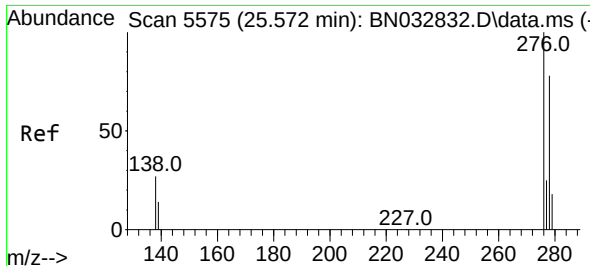
Tgt Ion:252 Resp: 9509
Ion Ratio Lower Upper
252 100
253 38.3 25.4 38.0#
125 31.7 20.6 30.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.302 ng/ul
RT: 25.579 min Scan# 5577
Delta R.T. -0.003 min
Lab File: BN032836.D
Acq: 19 Jul 2024 12:09

Tgt Ion:276 Resp: 12529
Ion Ratio Lower Upper
276 100
138 27.9 21.6 32.4
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.304 ng/ul

RT: 25.586 min Scan# 51

Delta R.T. -0.003 min

Lab File: BN032836.D

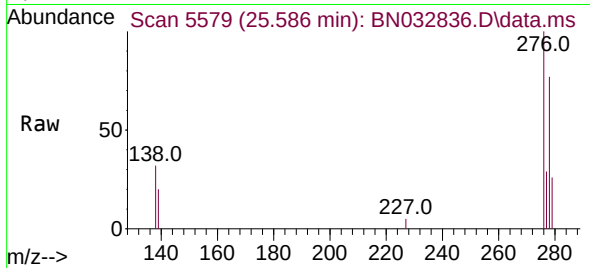
Acq: 19 Jul 2024 12:09

Instrument :

BNA_N

ClientSampleId :

SLCS090



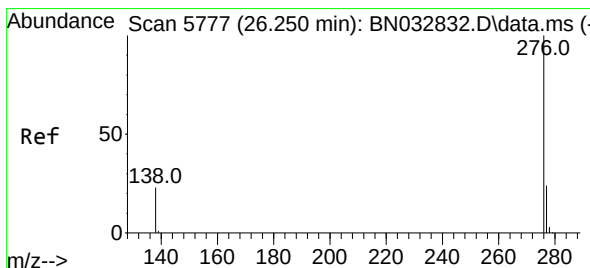
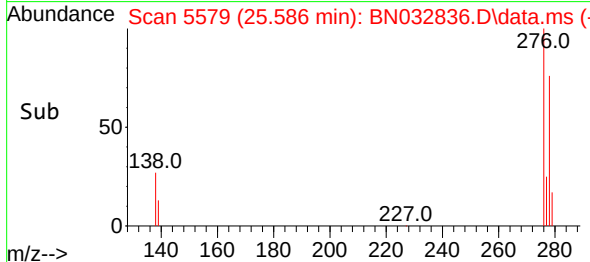
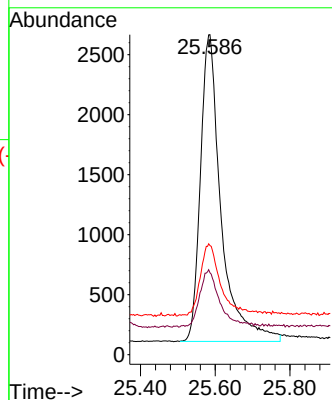
Tgt Ion:278 Resp: 9803

Ion Ratio Lower Upper

278 100

139 25.6 16.6 24.8#

279 34.1 23.7 35.5



#29

Benzo(g,h,i)perylene

Concen: 0.290 ng/ul

RT: 26.257 min Scan# 5779

Delta R.T. -0.003 min

Lab File: BN032836.D

Acq: 19 Jul 2024 12:09

Tgt Ion:276 Resp: 10080

Ion Ratio Lower Upper

276 100

138 30.0 21.0 31.4

277 28.9 20.6 31.0

