

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032855.D
 Acq On : 19 Jul 2024 23:38
 Operator : MA/JU
 Sample : PB162048BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS048

Quant Time: Jul 20 00:26:04 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)

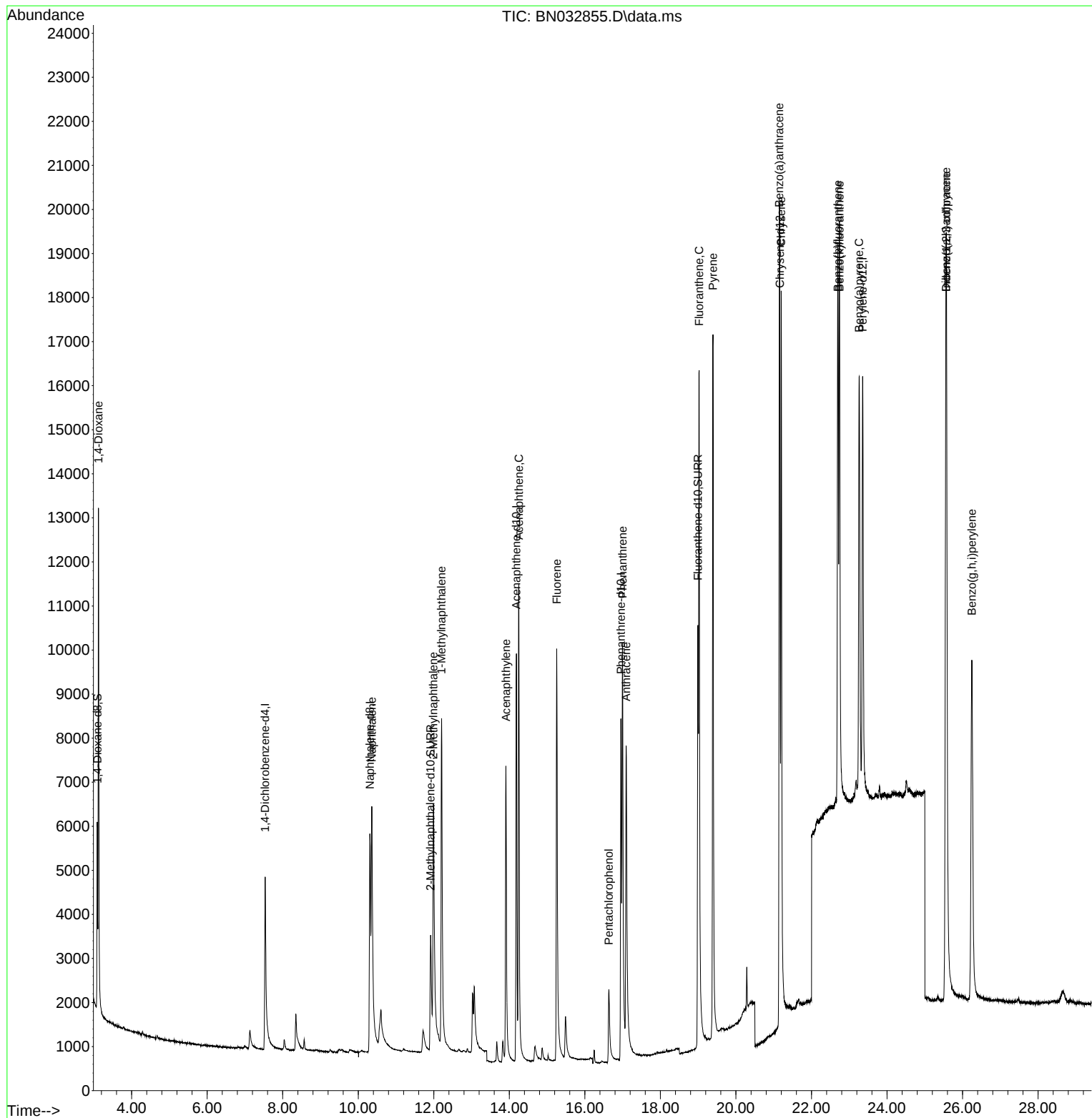
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.536	152	3420	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	11206	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.187	164	6341	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.956	188	12912	0.400	ng/ul	0.00
17) Chrysene-d12	21.163	240	11658	0.400	ng/ul	-0.01
23) Perylene-d12	23.355	264	14184	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	2848	0.694	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	6554	0.387	ng/ul	-0.02
18) Fluoranthene-d10	18.993	212	14117	0.372	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.122	88	7920	1.693	ng/ul	92
5) Naphthalene	10.359	128	11313	0.376	ng/ul	100
7) 2-Methylnaphthalene	11.992	142	7091	0.378	ng/ul	99
8) 1-Methylnaphthalene	12.206	142	7242	0.373	ng/ul	99
10) Acenaphthylene	13.909	152	10234	0.399	ng/ul	99
11) Acenaphthene	14.252	153	7925	0.374	ng/ul	99
12) Fluorene	15.256	166	8696	0.359	ng/ul	99
14) Pentachlorophenol	16.635	266	2171	0.958	ng/ul	100
15) Phenanthrene	16.998	178	12924	0.368	ng/ul	99
16) Anthracene	17.095	178	12073	0.420	ng/ul	100
19) Fluoranthene	19.026	202	16700	0.352	ng/ul	99
20) Pyrene	19.393	202	17657	0.360	ng/ul	99
21) Benzo(a)anthracene	21.149	228	16199	0.437	ng/ul	98
22) Chrysene	21.199	228	18546	0.345	ng/ul	97
24) Benzo(b)fluoranthene	22.698	252	17649	0.353	ng/ul	92
25) Benzo(k)fluoranthene	22.741	252	19471	0.319	ng/ul	93
26) Benzo(a)pyrene	23.262	252	17286	0.399	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.568	276	22657	0.386	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.564	278	17808	0.392	ng/ul#	95
29) Benzo(g,h,i)perylene	26.245	276	17778	0.363	ng/ul	95

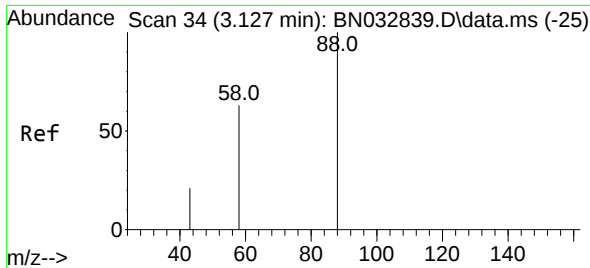
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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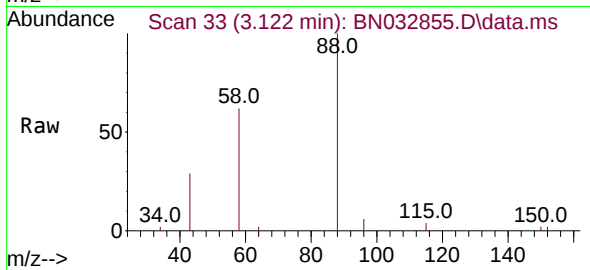
Quant Time: Jul 20 00:26:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
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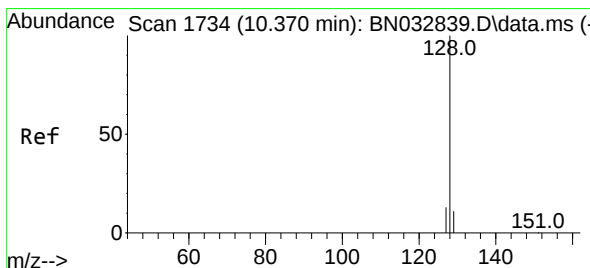
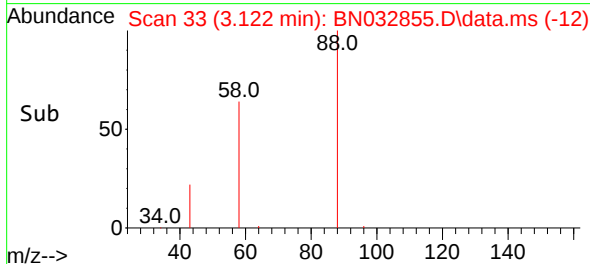
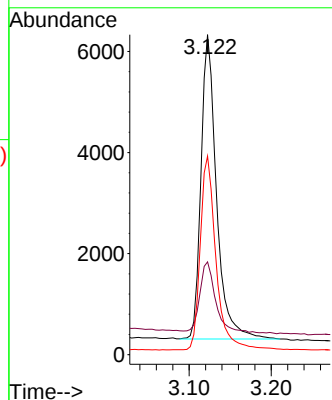
#2
1,4-Dioxane
Concen: 1.693 ng/ul
RT: 3.122 min Scan# 31
Delta R.T. -0.013 min
Lab File: BN032855.D
Acq: 19 Jul 2024 23:38

Instrument :
BNA_N
ClientSampleId :
SLCS048



Tgt Ion: 88 Resp: 7920

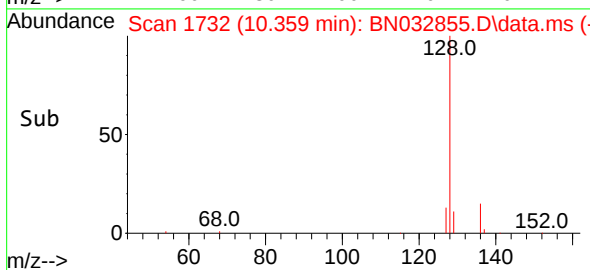
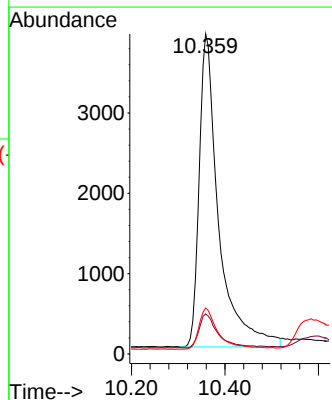
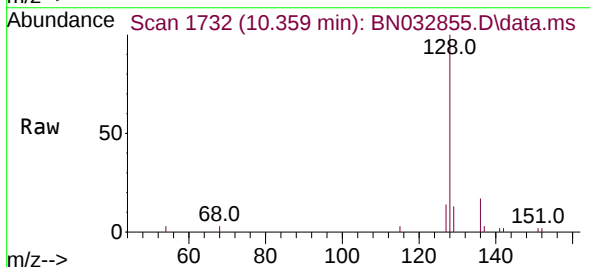
Ion	Ratio	Lower	Upper
88	100		
43	29.0	24.0	36.0
58	62.0	43.3	64.9

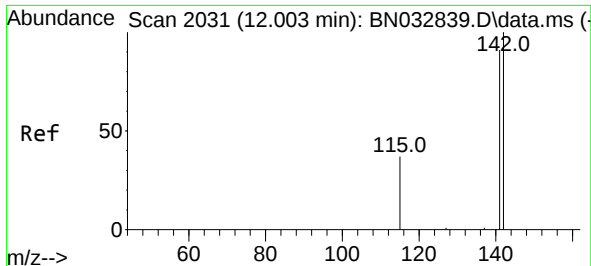


#5
Naphthalene
Concen: 0.376 ng/ul
RT: 10.359 min Scan# 1732
Delta R.T. -0.012 min
Lab File: BN032855.D
Acq: 19 Jul 2024 23:38

Tgt Ion: 128 Resp: 11313

Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.0	15.0
127	14.4	11.6	17.4

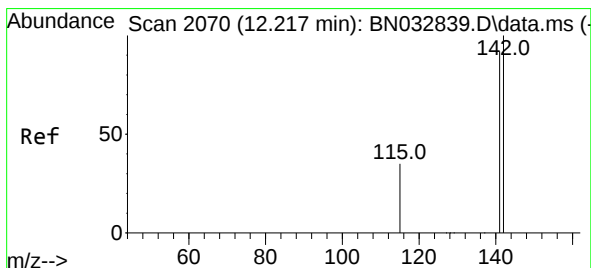
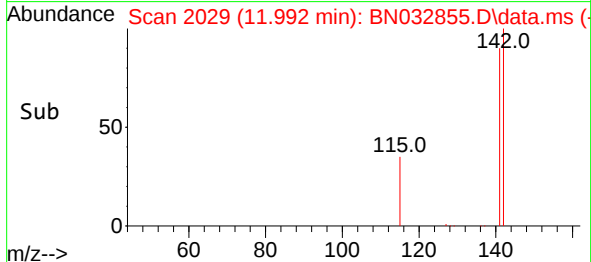
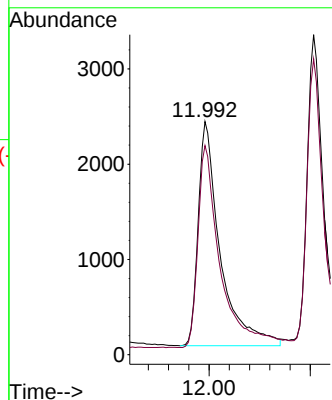
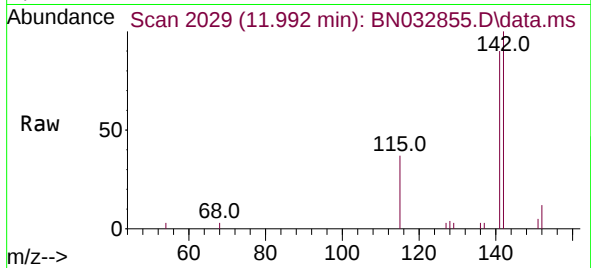




#7
2-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 11.992 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BN032855.D
Acq: 19 Jul 2024 23:38

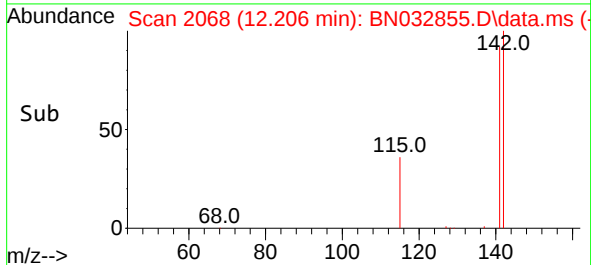
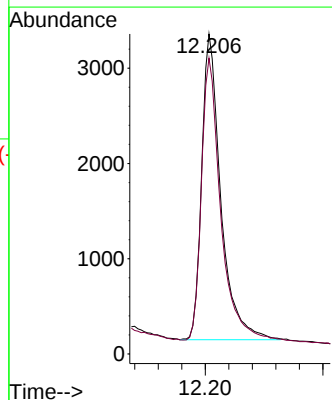
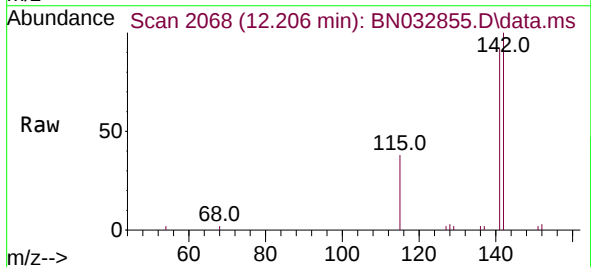
Instrument :
BNA_N
ClientSampleId :
SLCS048

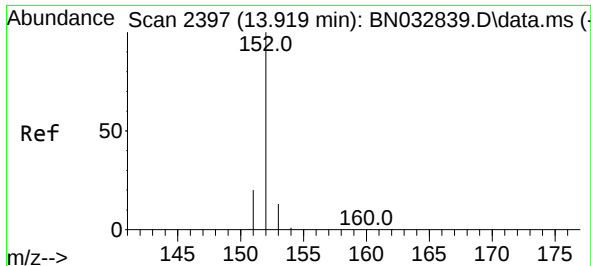
Tgt Ion:142 Resp: 7091
Ion Ratio Lower Upper
142 100
141 91.5 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.206 min Scan# 2068
Delta R.T. -0.012 min
Lab File: BN032855.D
Acq: 19 Jul 2024 23:38

Tgt Ion:142 Resp: 7242
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.4

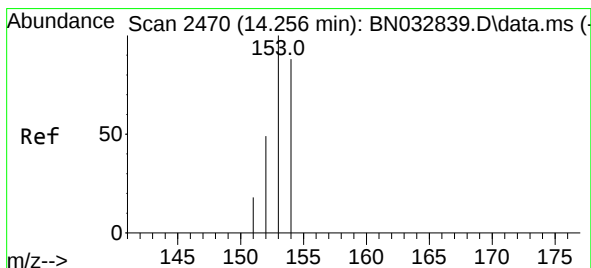
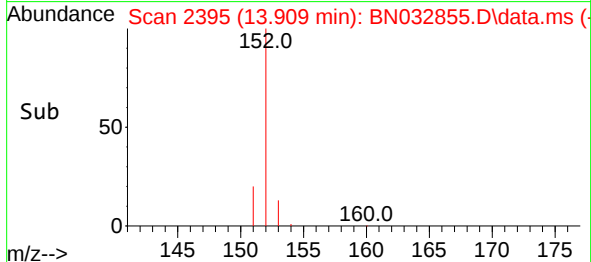
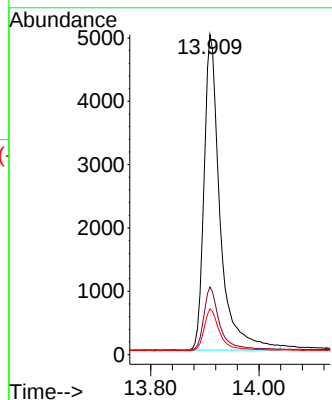
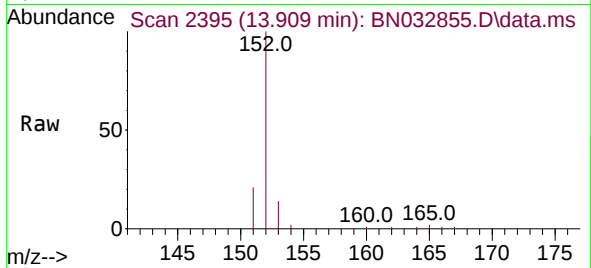




#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 13.909 min Scan# 21
Delta R.T. -0.011 min
Lab File: BN032855.D
Acq: 19 Jul 2024 23:38

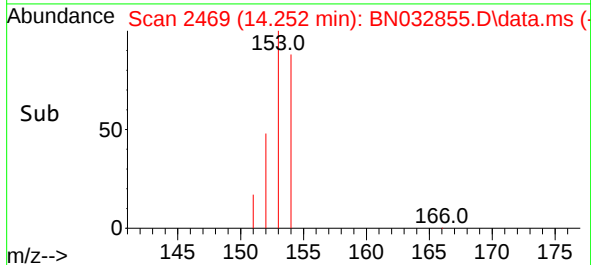
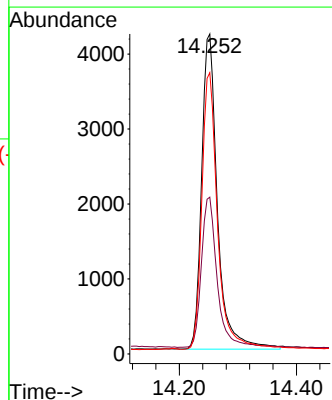
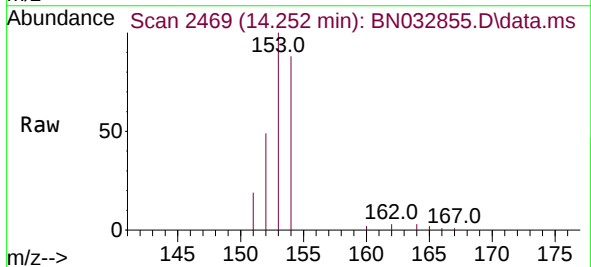
Instrument :
BNA_N
ClientSampleId :
SLCS048

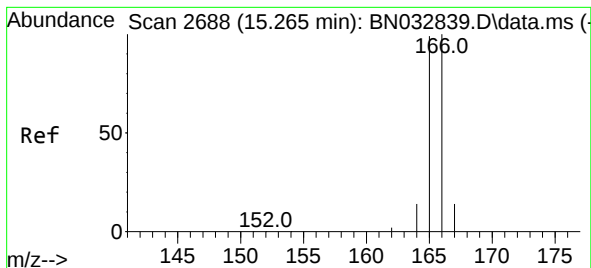
Tgt Ion:152 Resp: 10234
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5
153 14.3 11.3 16.9



#11
Acenaphthene
Concen: 0.374 ng/ul
RT: 14.252 min Scan# 2469
Delta R.T. -0.006 min
Lab File: BN032855.D
Acq: 19 Jul 2024 23:38

Tgt Ion:153 Resp: 7925
Ion Ratio Lower Upper
153 100
152 49.0 40.0 60.0
154 87.9 70.2 105.4





#12

Fluorene

Concen: 0.359 ng/ul

RT: 15.256 min Scan# 2

Delta R.T. -0.011 min

Lab File: BN032855.D

Acq: 19 Jul 2024 23:38

Instrument :

BNA_N

ClientSampleId :

SLCS048

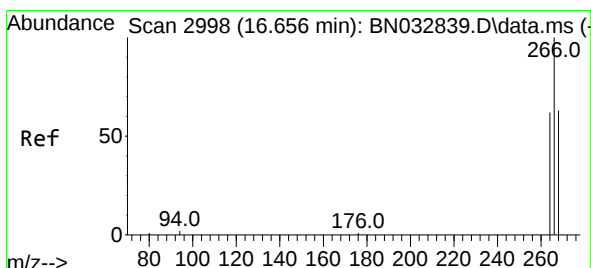
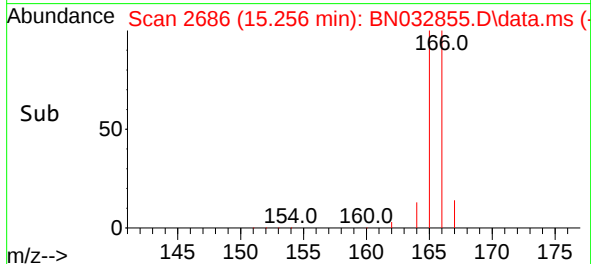
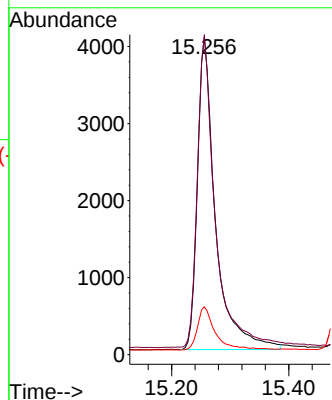
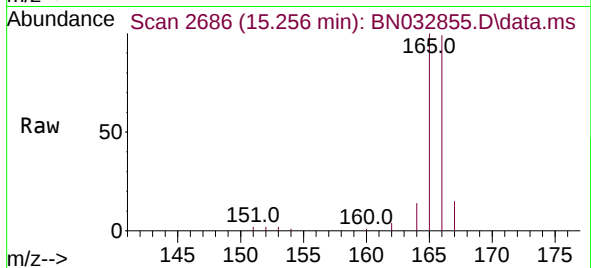
Tgt Ion:166 Resp: 8696

Ion Ratio Lower Upper

166 100

165 100.7 79.7 119.5

167 15.1 11.4 17.2



#14

Pentachlorophenol

Concen: 0.958 ng/ul

RT: 16.635 min Scan# 2993

Delta R.T. -0.014 min

Lab File: BN032855.D

Acq: 19 Jul 2024 23:38

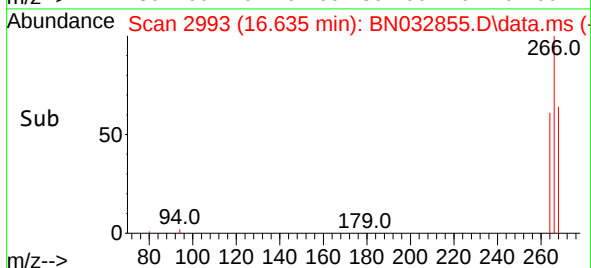
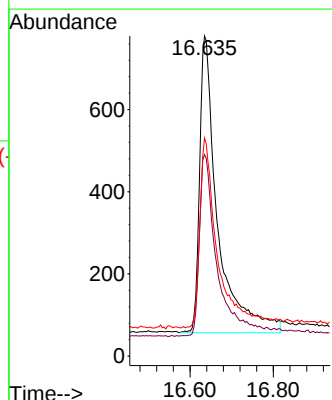
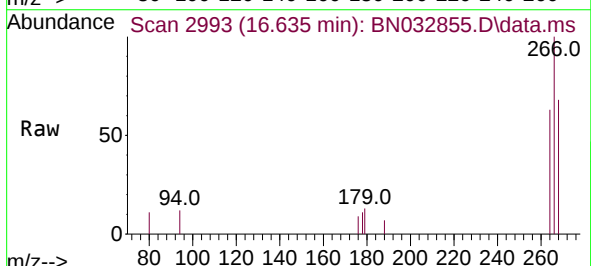
Tgt Ion:266 Resp: 2171

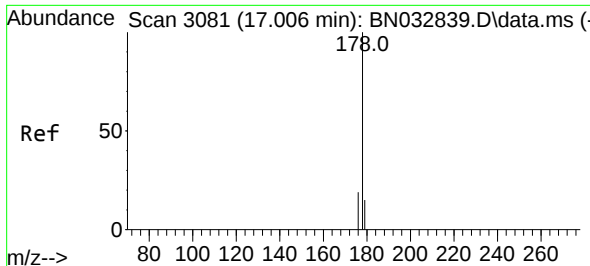
Ion Ratio Lower Upper

266 100

264 62.1 49.4 74.2

268 64.6 51.6 77.4

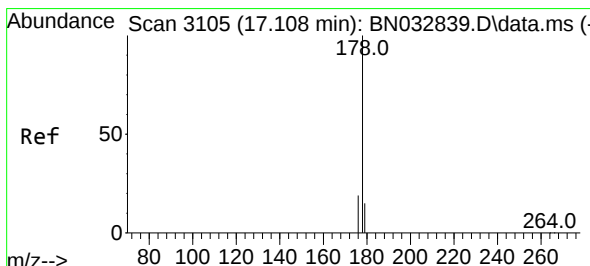
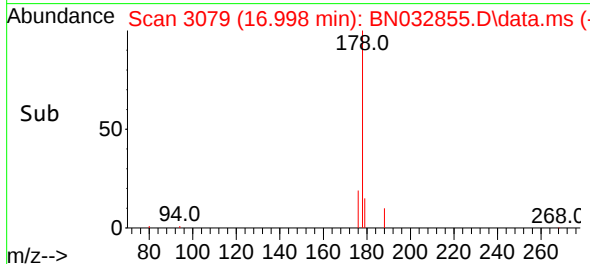
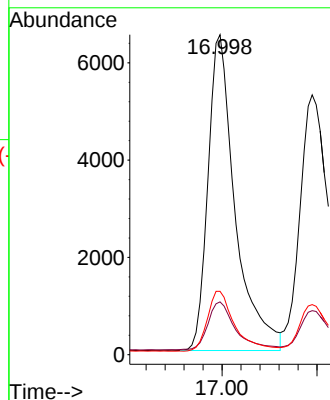
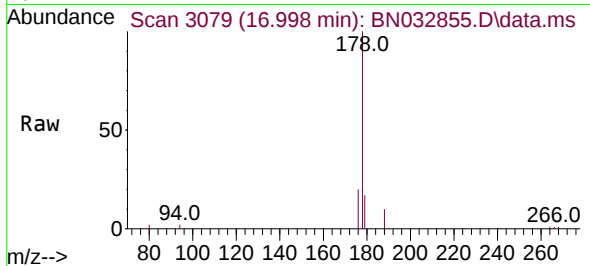




#15
Phenanthrene
Concen: 0.368 ng/ul
RT: 16.998 min Scan# 3081
Delta R.T. -0.010 min
Lab File: BN032855.D
Acq: 19 Jul 2024 23:38

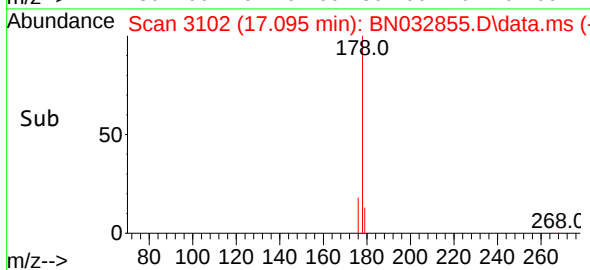
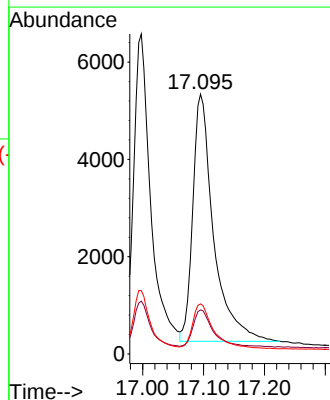
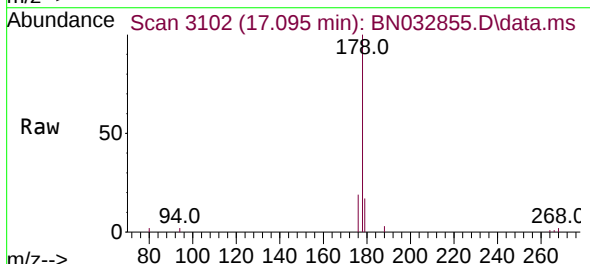
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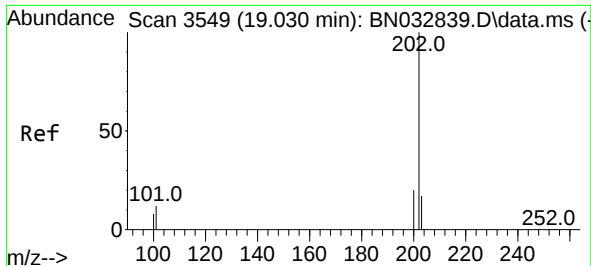
Tgt Ion:178 Resp: 12924
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 19.8 15.6 23.4



#16
Anthracene
Concen: 0.420 ng/ul
RT: 17.095 min Scan# 3102
Delta R.T. -0.010 min
Lab File: BN032855.D
Acq: 19 Jul 2024 23:38

Tgt Ion:178 Resp: 12073
Ion Ratio Lower Upper
178 100
179 16.9 13.4 20.2
176 19.3 15.4 23.0





#19

Fluoranthene

Concen: 0.352 ng/ul

RT: 19.026 min Scan# 3549

Delta R.T. -0.006 min

Lab File: BN032855.D

Acq: 19 Jul 2024 23:38

Instrument :

BNA_N

ClientSampleId :

SLCS048

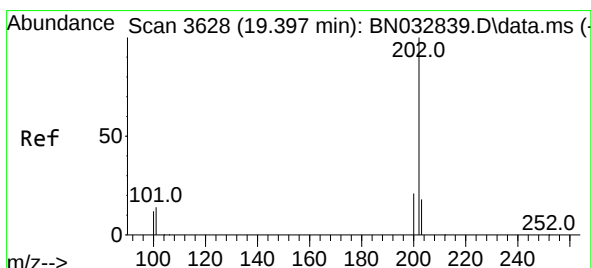
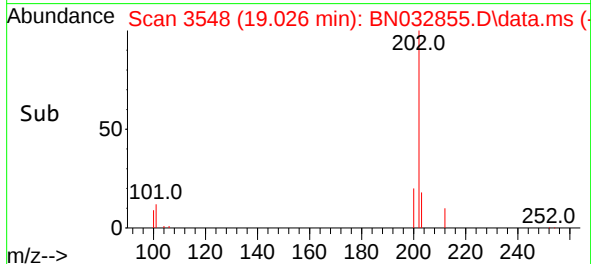
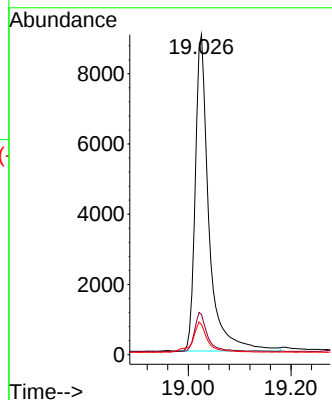
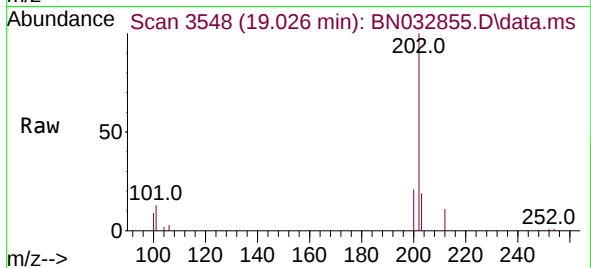
Tgt Ion:202 Resp: 16700

Ion Ratio Lower Upper

202 100

101 12.5 9.8 14.8

100 9.4 7.9 11.9



#20

Pyrene

Concen: 0.360 ng/ul

RT: 19.393 min Scan# 3627

Delta R.T. -0.006 min

Lab File: BN032855.D

Acq: 19 Jul 2024 23:38

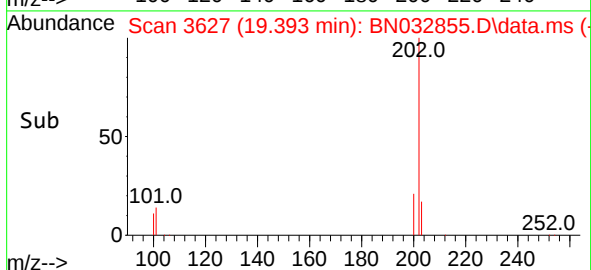
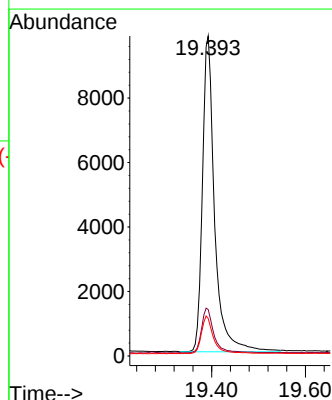
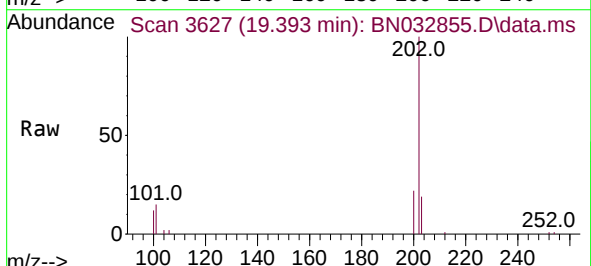
Tgt Ion:202 Resp: 17657

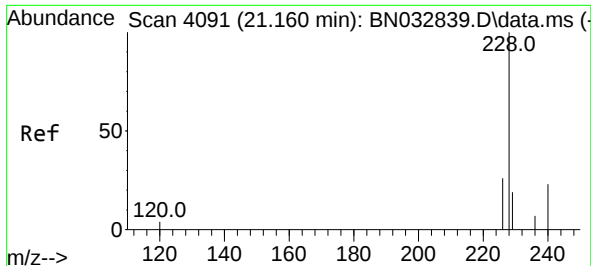
Ion Ratio Lower Upper

202 100

101 14.5 11.8 17.6

100 11.7 9.6 14.4

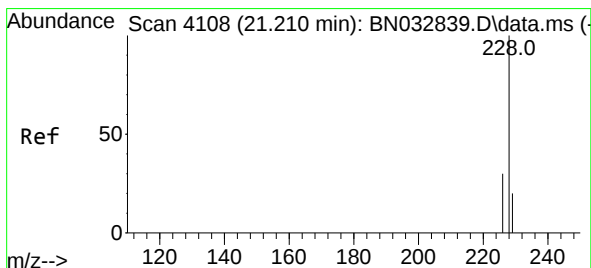
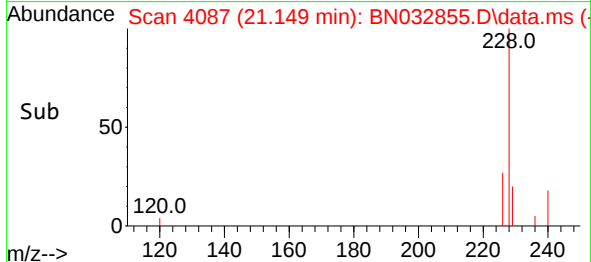
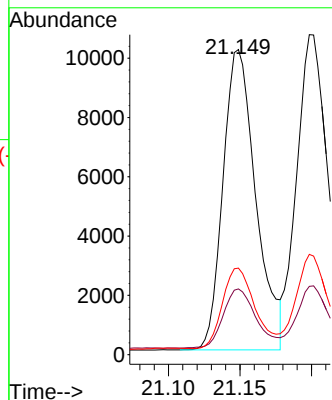
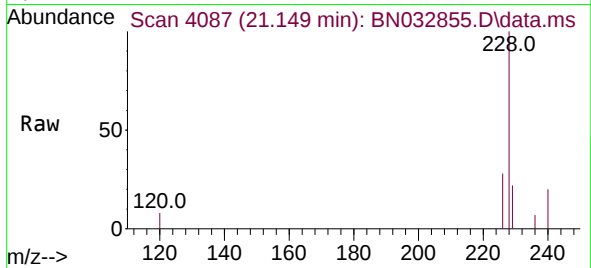




#21
Benzo(a)anthracene
Concen: 0.437 ng/ul
RT: 21.149 min Scan# 4091
Delta R.T. -0.010 min
Lab File: BN032855.D
Acq: 19 Jul 2024 23:38

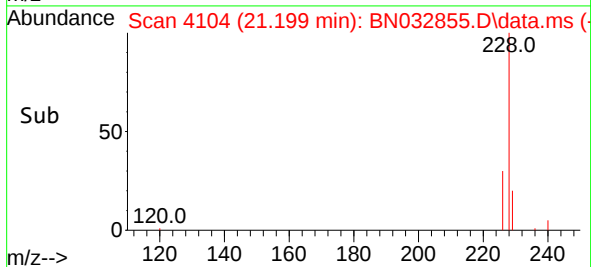
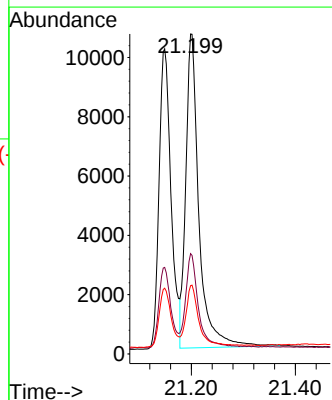
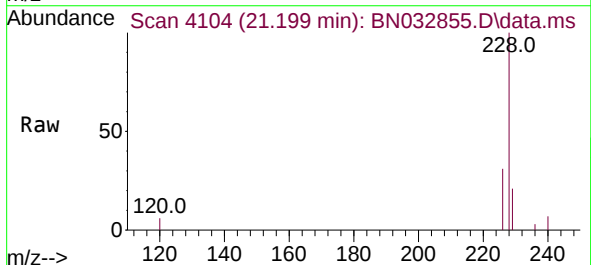
Instrument :
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SLCS048

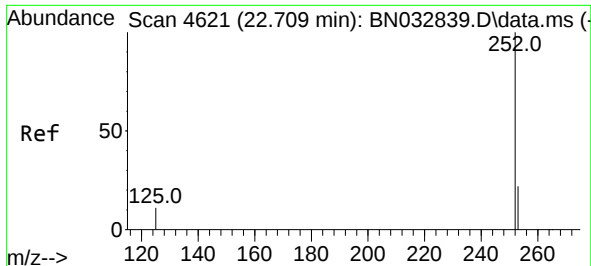
Tgt Ion:228 Resp: 16199
Ion Ratio Lower Upper
228 100
229 21.5 16.1 24.1
226 28.4 21.9 32.9



#22
Chrysene
Concen: 0.345 ng/ul
RT: 21.199 min Scan# 4104
Delta R.T. -0.013 min
Lab File: BN032855.D
Acq: 19 Jul 2024 23:38

Tgt Ion:228 Resp: 18546
Ion Ratio Lower Upper
228 100
226 31.4 24.0 36.0
229 21.4 15.8 23.6

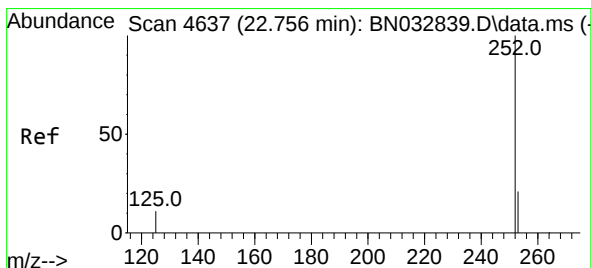
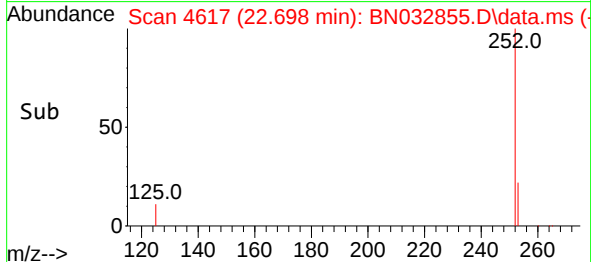
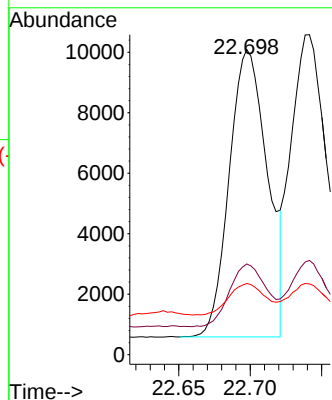
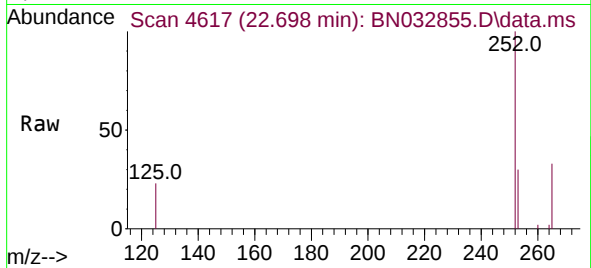




#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 22.698 min Scan# 4617
Delta R.T. -0.013 min
Lab File: BN032855.D
Acq: 19 Jul 2024 23:38

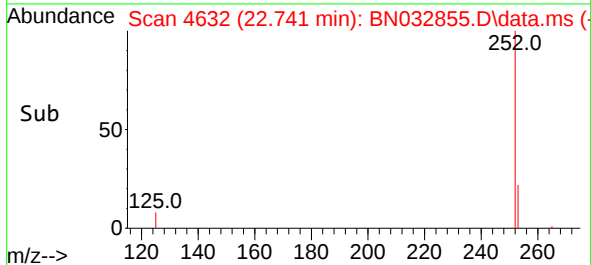
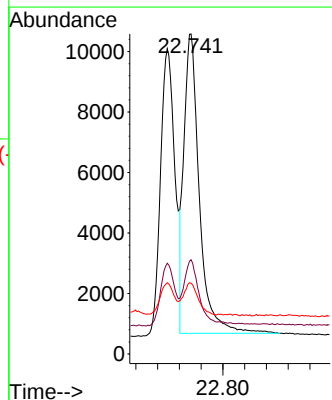
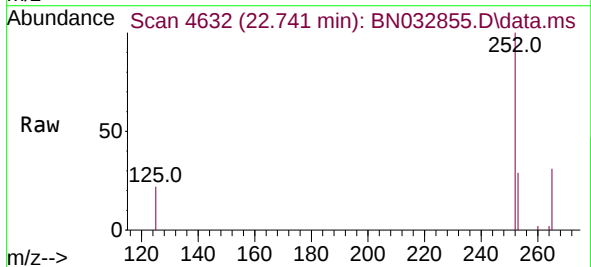
Instrument :
BNA_N
ClientSampleId :
SLCS048

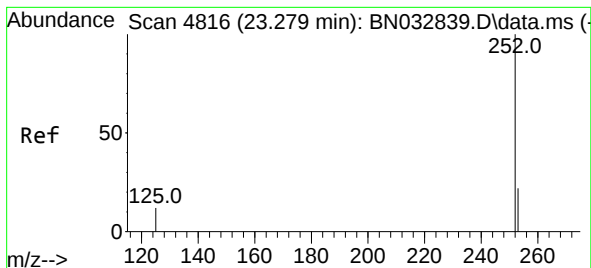
Tgt Ion:252 Resp: 17649
Ion Ratio Lower Upper
252 100
253 29.7 0.0 54.0
125 23.3 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.319 ng/ul
RT: 22.741 min Scan# 4632
Delta R.T. -0.013 min
Lab File: BN032855.D
Acq: 19 Jul 2024 23:38

Tgt Ion:252 Resp: 19471
Ion Ratio Lower Upper
252 100
253 29.5 21.2 31.8
125 22.1 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.399 ng/ul

RT: 23.262 min Scan# 4816

Delta R.T. -0.016 min

Lab File: BN032855.D

Acq: 19 Jul 2024 23:38

Instrument :

BNA_N

ClientSampleId :

SLCS048

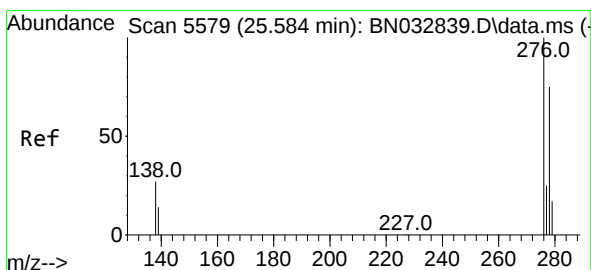
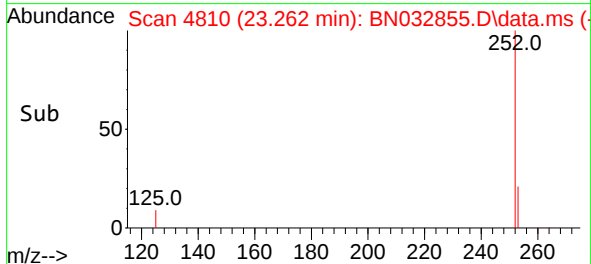
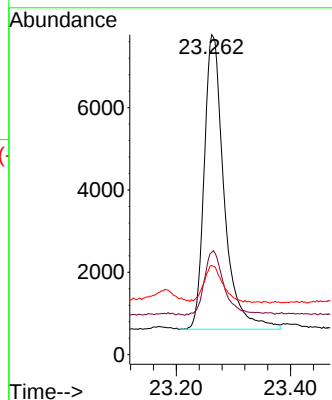
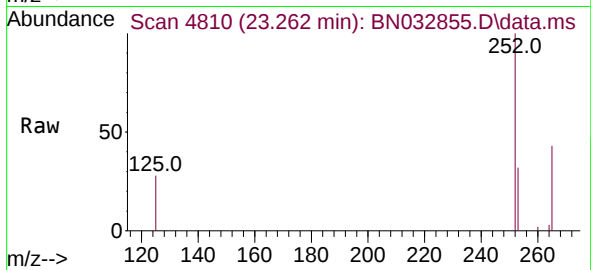
Tgt Ion:252 Resp: 17286

Ion Ratio Lower Upper

252 100

253 31.9 25.4 38.0

125 27.8 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.386 ng/ul

RT: 25.568 min Scan# 5574

Delta R.T. -0.015 min

Lab File: BN032855.D

Acq: 19 Jul 2024 23:38

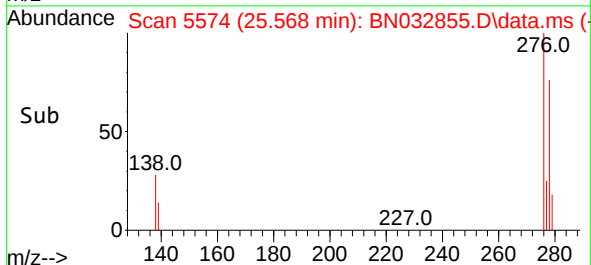
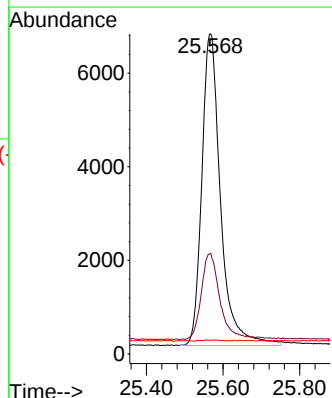
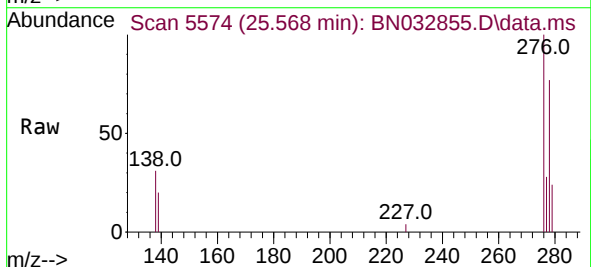
Tgt Ion:276 Resp: 22657

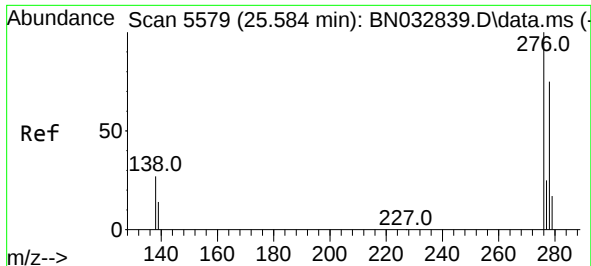
Ion Ratio Lower Upper

276 100

138 27.4 21.6 32.4

227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.392 ng/ul

RT: 25.564 min Scan# 51

Delta R.T. -0.025 min

Lab File: BN032855.D

Acq: 19 Jul 2024 23:38

Instrument :

BNA_N

ClientSampleId :

SLCS048

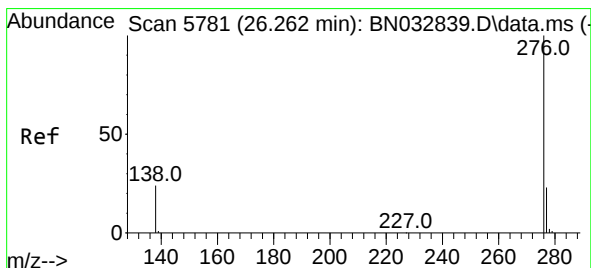
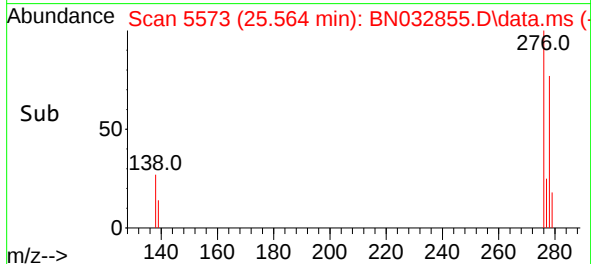
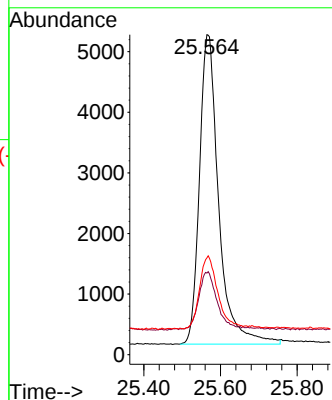
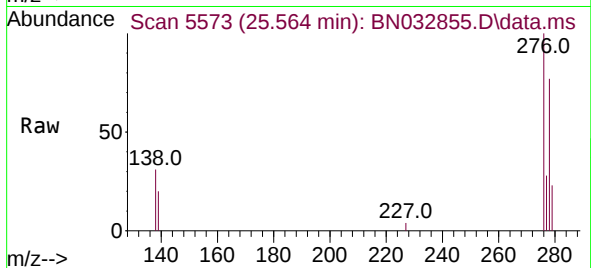
Tgt Ion:278 Resp: 17808

Ion Ratio Lower Upper

278 100

139 25.5 16.6 24.8#

279 30.3 23.7 35.5



#29

Benzo(g,h,i)perylene

Concen: 0.363 ng/ul

RT: 26.245 min Scan# 5776

Delta R.T. -0.015 min

Lab File: BN032855.D

Acq: 19 Jul 2024 23:38

Tgt Ion:276 Resp: 17778

Ion Ratio Lower Upper

276 100

138 29.0 21.0 31.4

277 27.7 20.6 31.0

