

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
 Data File : BN034934.D
 Acq On : 09 Nov 2024 10:27
 Operator : RC/JU
 Sample : PB164773BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS773

Quant Time: Nov 09 22:51:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 09 00:09:12 2024
 Response via : Initial Calibration

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

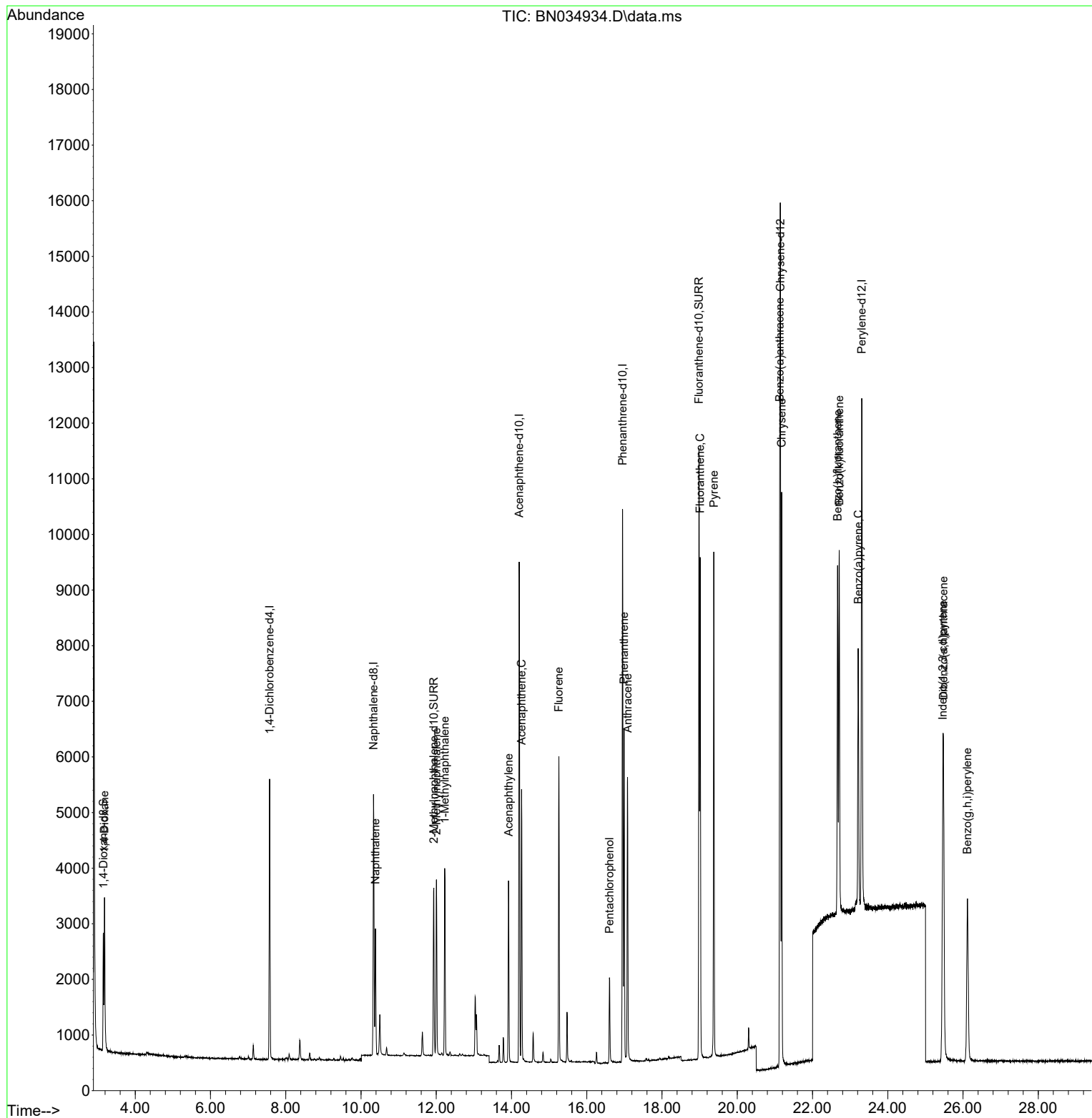
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.571	152	2502	0.400	ng/ul	0.00
4) Naphthalene-d8	10.333	136	6304	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.203	164	4849	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	12460	0.400	ng/ul	0.00
17) Chrysene-d12	21.145	240	12359	0.400	ng/ul	0.00
23) Perylene-d12	23.308	264	11514	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.153	96	1604	0.674	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.934	152	3916	0.406	ng/ul	0.00
18) Fluoranthene-d10	18.981	212	13491	0.425	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.182	88	2232	0.855	ng/ul	93
5) Naphthalene	10.383	128	2901	0.184	ng/ul	99
7) 2-Methylnaphthalene	12.005	142	2148	0.182	ng/ul	98
8) 1-Methylnaphthalene	12.225	142	2175	0.184	ng/ul	99
10) Acenaphthylene	13.921	152	3548	0.179	ng/ul	98
11) Acenaphthene	14.268	153	2731	0.182	ng/ul	98
12) Fluorene	15.258	166	3376	0.177	ng/ul	99
14) Pentachlorophenol	16.603	266	1022	0.355	ng/ul	96
15) Phenanthrene	16.992	178	6028	0.181	ng/ul	99
16) Anthracene	17.084	178	5413	0.173	ng/ul	99
19) Fluoranthene	19.014	202	7803	0.189	ng/ul#	97
20) Pyrene	19.376	202	8095	0.189	ng/ul#	97
21) Benzo(a)anthracene	21.128	228	8150	0.182	ng/ul	99
22) Chrysene	21.180	228	8596	0.188	ng/ul	99
24) Benzo(b)fluoranthene	22.665	252	8137	0.201	ng/ul	92
25) Benzo(k)fluoranthene	22.709	252	8027	0.189	ng/ul#	95
26) Benzo(a)pyrene	23.214	252	6836	0.189	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.463	276	7752	0.175	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.480	278	6134	0.178	ng/ul#	95
29) Benzo(g,h,i)perylene	26.117	276	6191	0.183	ng/ul	97

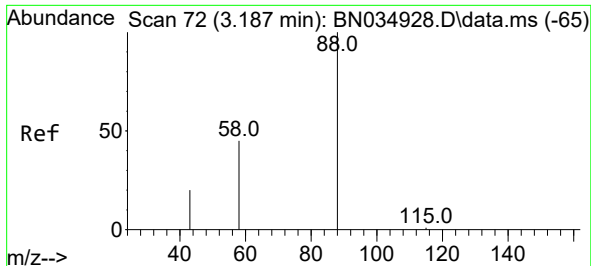
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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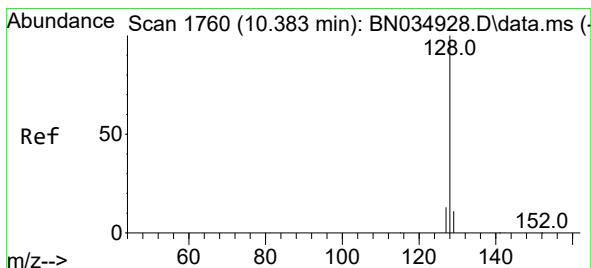
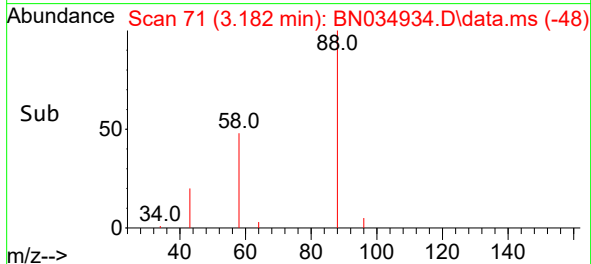
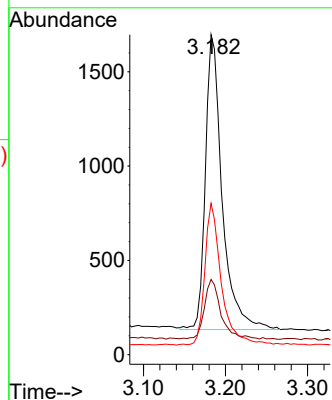
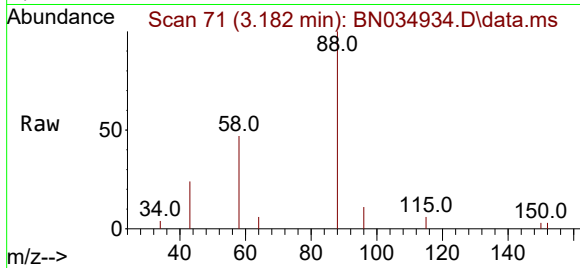




#2
 1,4-Dioxane
 Concen: 0.855 ng/ul
 RT: 3.182 min Scan# 71
 Delta R.T. -0.004 min
 Lab File: BN034934.D
 Acq: 09 Nov 2024 10:27

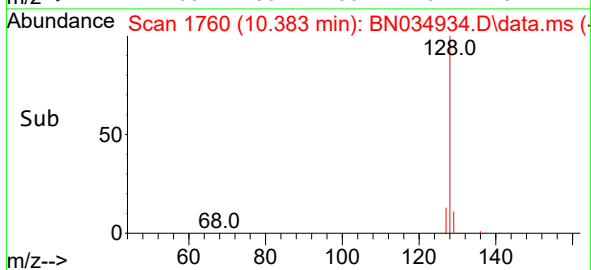
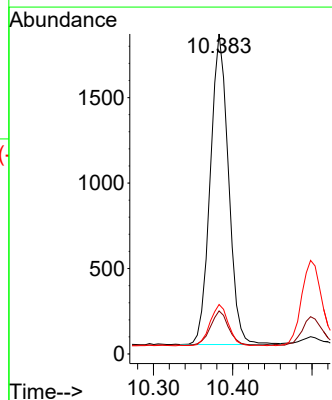
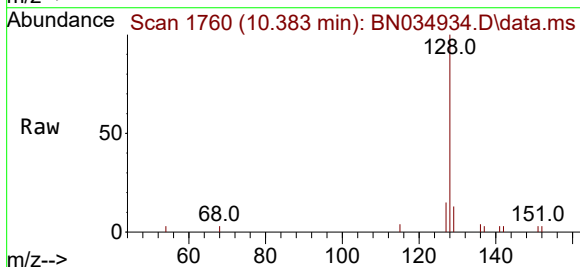
Instrument :
 BNA_N
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 SLCS773

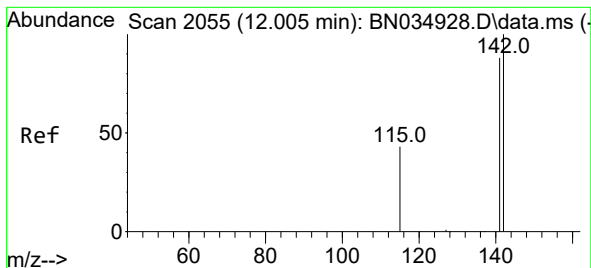
Tgt Ion: 88 Resp: 2232
 Ion Ratio Lower Upper
 88 100
 43 23.5 23.3 34.9
 58 47.3 35.4 53.2



#5
 Naphthalene
 Concen: 0.184 ng/ul
 RT: 10.383 min Scan# 1760
 Delta R.T. -0.005 min
 Lab File: BN034934.D
 Acq: 09 Nov 2024 10:27

Tgt Ion: 128 Resp: 2901
 Ion Ratio Lower Upper
 128 100
 129 13.5 10.1 15.1
 127 15.4 12.1 18.1

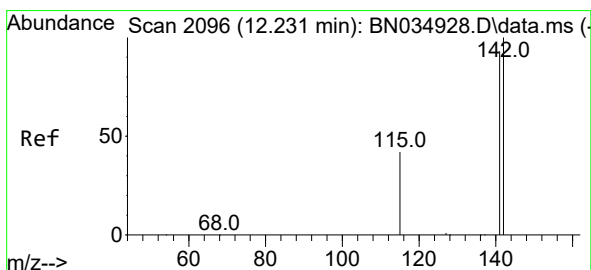
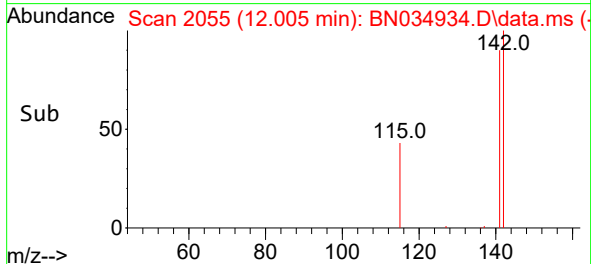
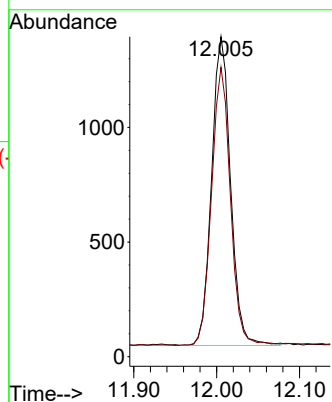
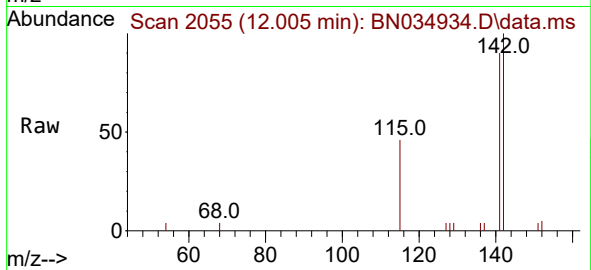




#7
2-Methylnaphthalene
Concen: 0.182 ng/ul
RT: 12.005 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BN034934.D
Acq: 09 Nov 2024 10:27

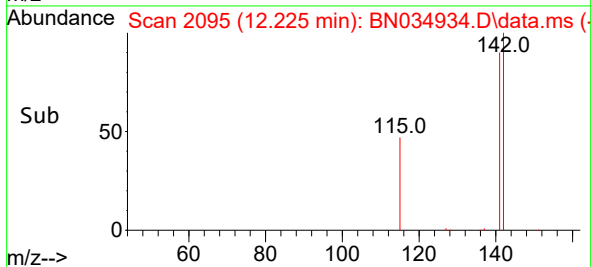
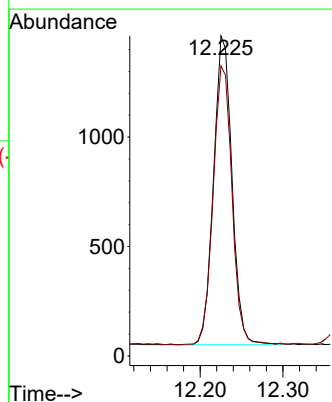
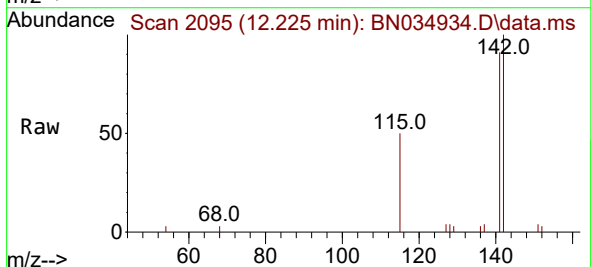
Instrument :
BNA_N
ClientSampleId :
SLCS773

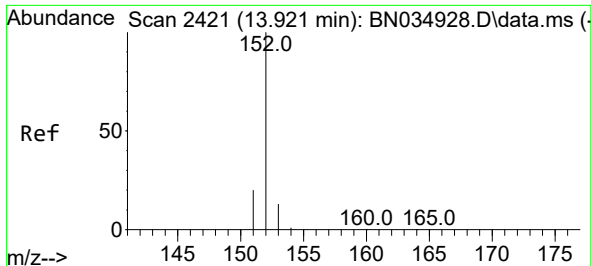
Tgt Ion:142 Resp: 2148
Ion Ratio Lower Upper
142 100
141 90.0 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.184 ng/ul
RT: 12.225 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BN034934.D
Acq: 09 Nov 2024 10:27

Tgt Ion:142 Resp: 2175
Ion Ratio Lower Upper
142 100
141 92.2 74.6 111.8

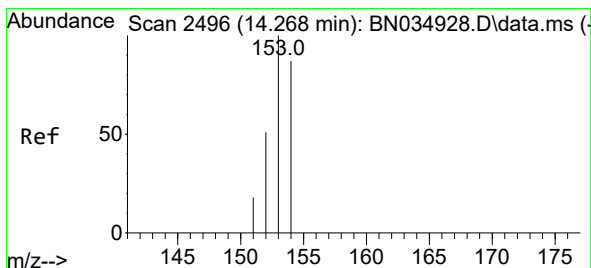
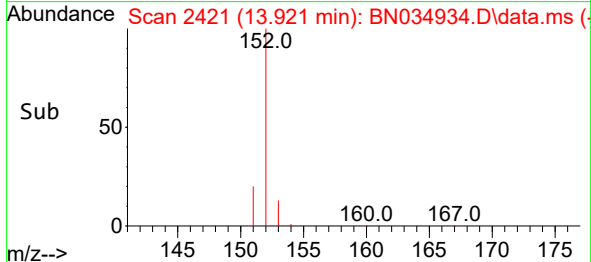
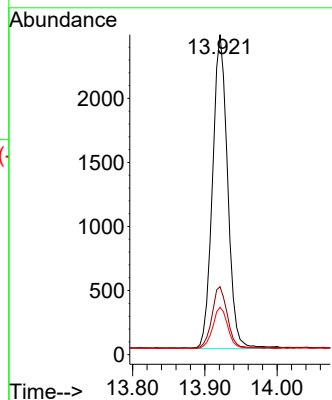
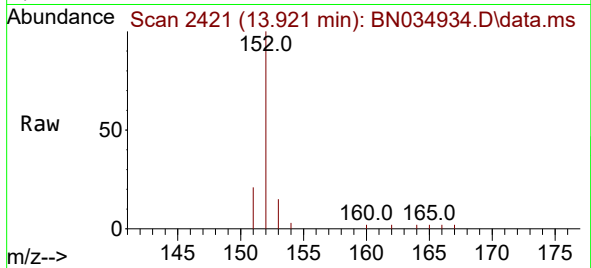




#10
Acenaphthylene
Concen: 0.179 ng/ul
RT: 13.921 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BN034934.D
Acq: 09 Nov 2024 10:27

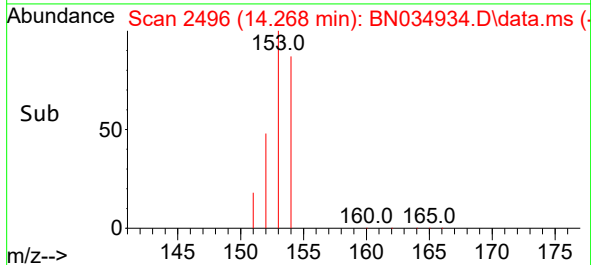
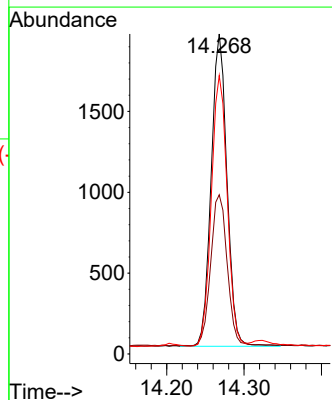
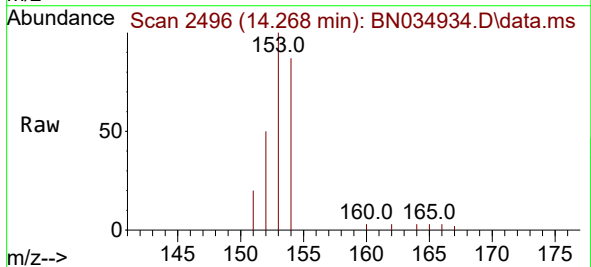
Instrument :
BNA_N
ClientSampleId :
SLCS773

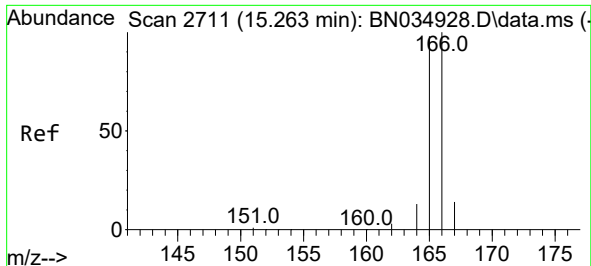
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.6	24.8
153	14.8	11.0	16.6



#11
Acenaphthene
Concen: 0.182 ng/ul
RT: 14.268 min Scan# 2496
Delta R.T. -0.005 min
Lab File: BN034934.D
Acq: 09 Nov 2024 10:27

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.8	41.5	62.3
154	87.0	70.9	106.3

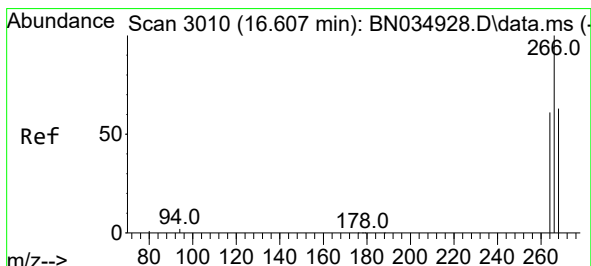
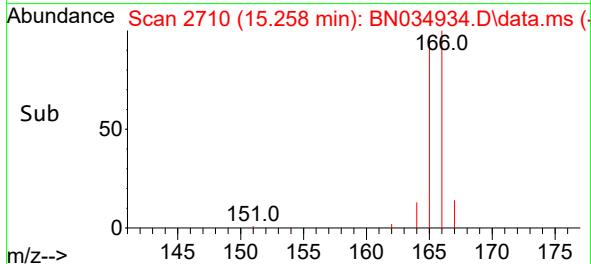
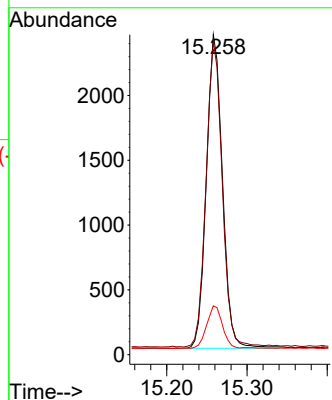
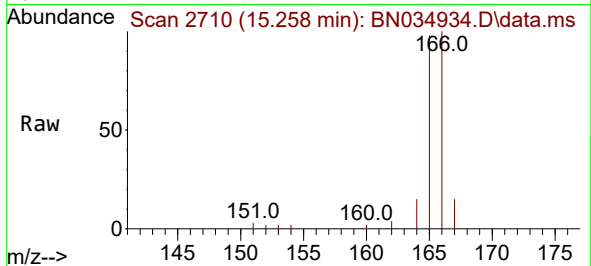




#12
Fluorene
Concen: 0.177 ng/ul
RT: 15.258 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN034934.D
Acq: 09 Nov 2024 10:27

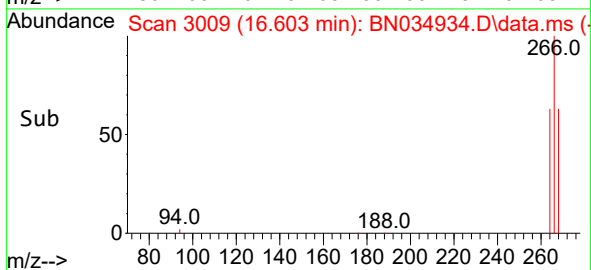
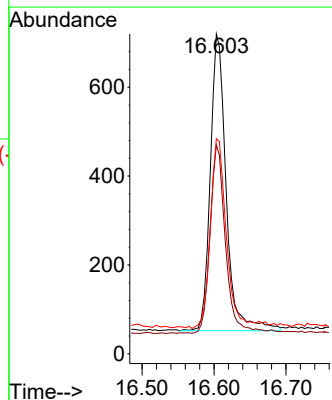
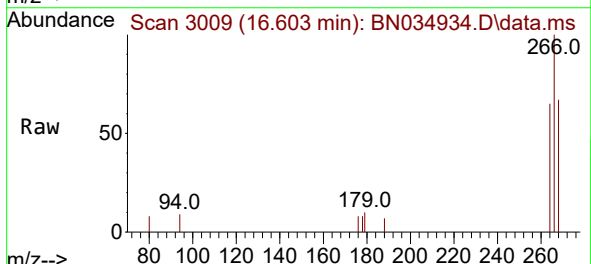
Instrument :
BNA_N
ClientSampleId :
SLCS773

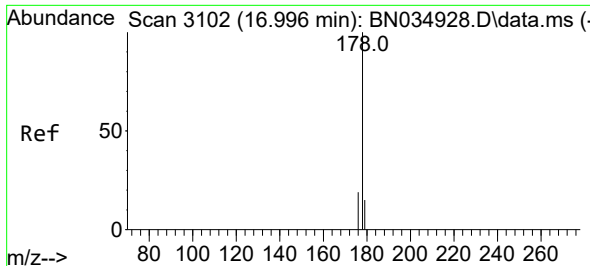
Tgt Ion:166 Resp: 3376
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.4
167 15.3 11.8 17.6



#14
Pentachlorophenol
Concen: 0.355 ng/ul
RT: 16.603 min Scan# 3009
Delta R.T. -0.004 min
Lab File: BN034934.D
Acq: 09 Nov 2024 10:27

Tgt Ion:266 Resp: 1022
Ion Ratio Lower Upper
266 100
264 62.1 50.2 75.2
268 66.2 48.4 72.6

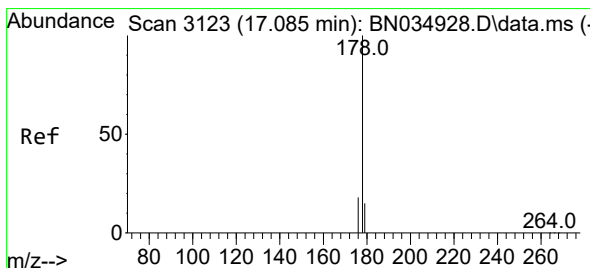
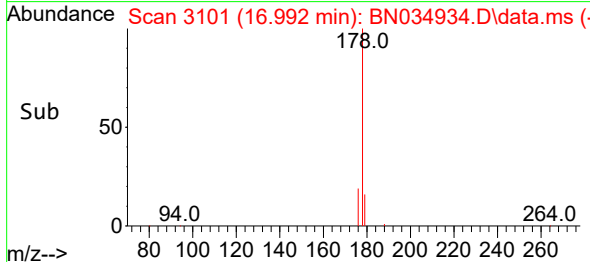
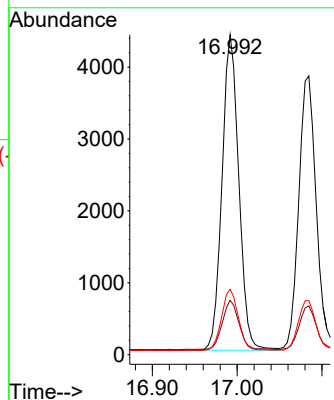
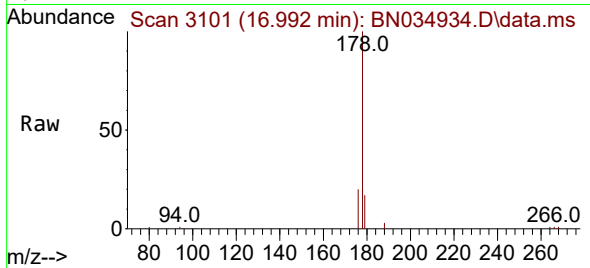




#15
Phenanthrene
Concen: 0.181 ng/ul
RT: 16.992 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BN034934.D
Acq: 09 Nov 2024 10:27

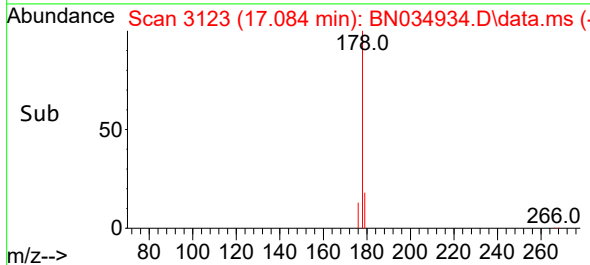
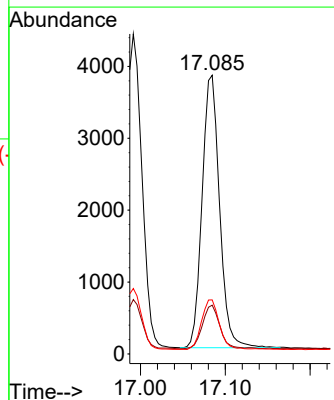
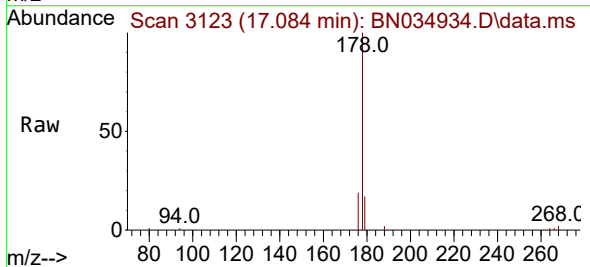
Instrument :
BNA_N
ClientSampleId :
SLCS773

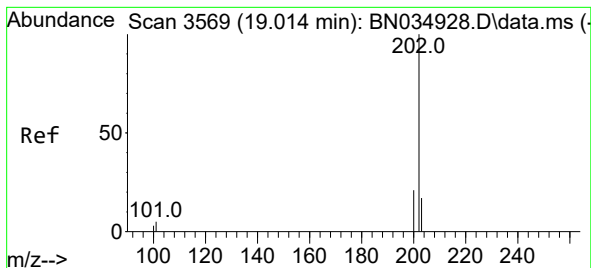
Tgt Ion:178 Resp: 6028
Ion Ratio Lower Upper
178 100
179 17.0 13.4 20.2
176 20.5 15.8 23.6



#16
Anthracene
Concen: 0.173 ng/ul
RT: 17.084 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BN034934.D
Acq: 09 Nov 2024 10:27

Tgt Ion:178 Resp: 5413
Ion Ratio Lower Upper
178 100
179 17.5 13.3 19.9
176 19.4 15.8 23.8





#19

Fluoranthene

Concen: 0.189 ng/ul

RT: 19.014 min Scan# 3569

Delta R.T. -0.005 min

Lab File: BN034934.D

Acq: 09 Nov 2024 10:27

Instrument :

BNA_N

ClientSampleId :

SLCS773

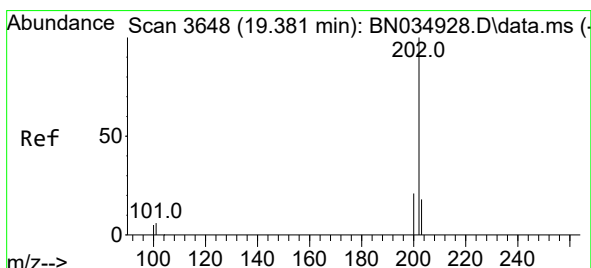
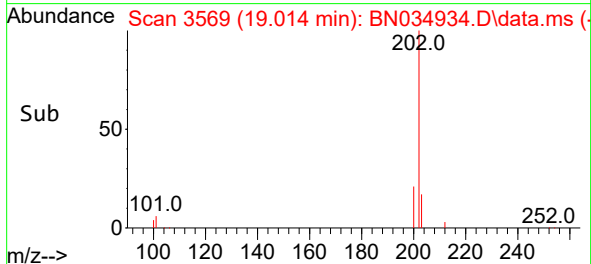
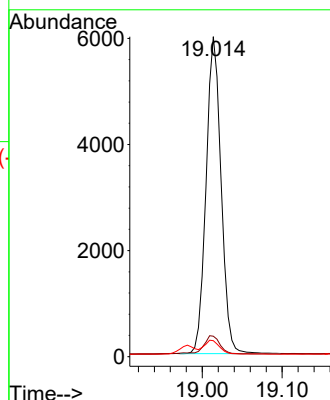
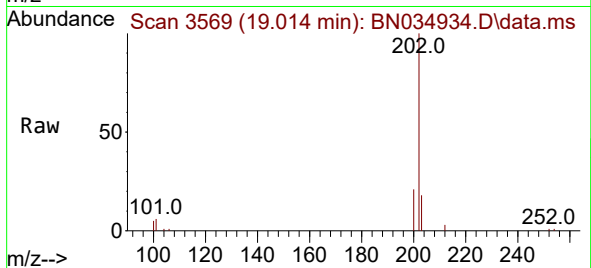
Tgt Ion:202 Resp: 7803

Ion Ratio Lower Upper

202 100

101 6.4 4.2 6.2#

100 5.0 3.2 4.8#



#20

Pyrene

Concen: 0.189 ng/ul

RT: 19.376 min Scan# 3647

Delta R.T. -0.005 min

Lab File: BN034934.D

Acq: 09 Nov 2024 10:27

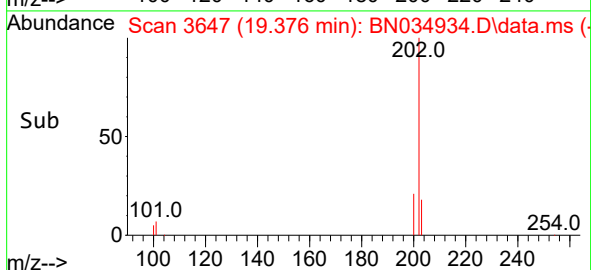
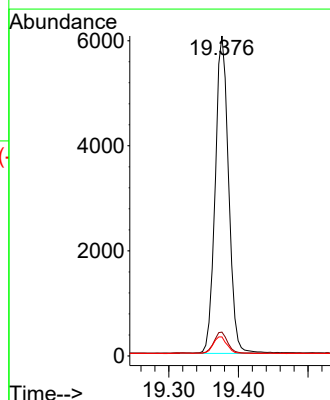
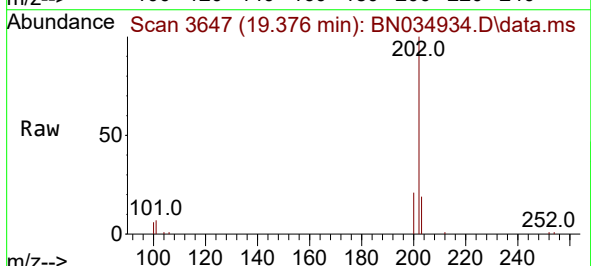
Tgt Ion:202 Resp: 8095

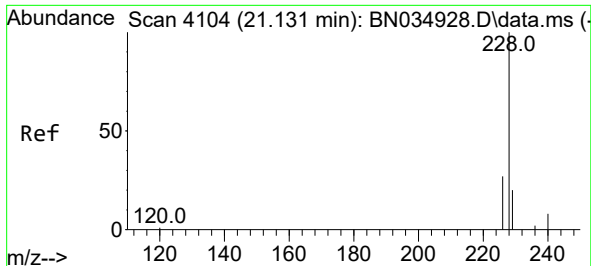
Ion Ratio Lower Upper

202 100

101 7.5 5.0 7.4#

100 5.9 4.1 6.1

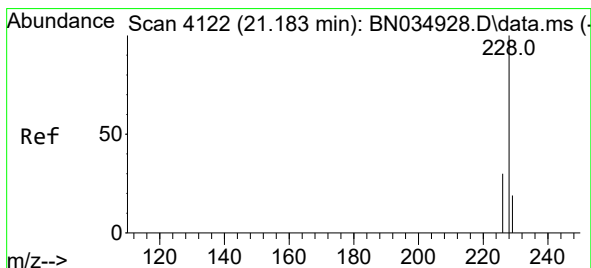
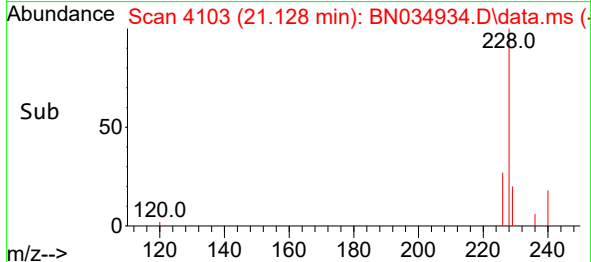
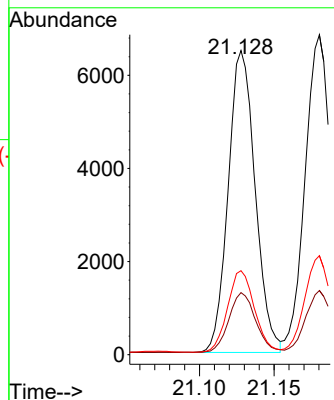
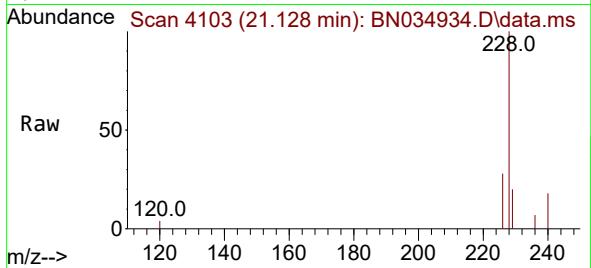




#21
Benzo(a)anthracene
Concen: 0.182 ng/ul
RT: 21.128 min Scan# 4103
Delta R.T. -0.003 min
Lab File: BN034934.D
Acq: 09 Nov 2024 10:27

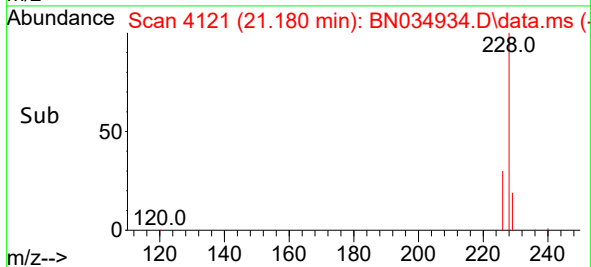
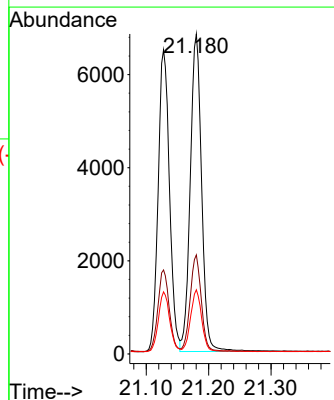
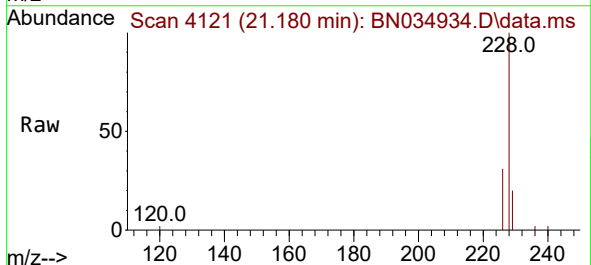
Instrument :
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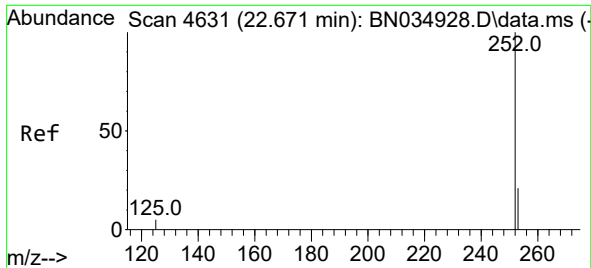
Tgt Ion:228 Resp: 8150
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.8
226 27.6 22.2 33.2



#22
Chrysene
Concen: 0.188 ng/ul
RT: 21.180 min Scan# 4121
Delta R.T. -0.003 min
Lab File: BN034934.D
Acq: 09 Nov 2024 10:27

Tgt Ion:228 Resp: 8596
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.4
229 20.1 15.4 23.2

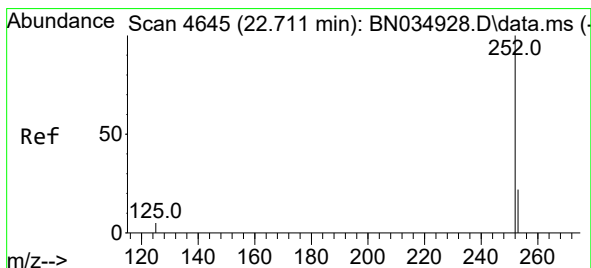
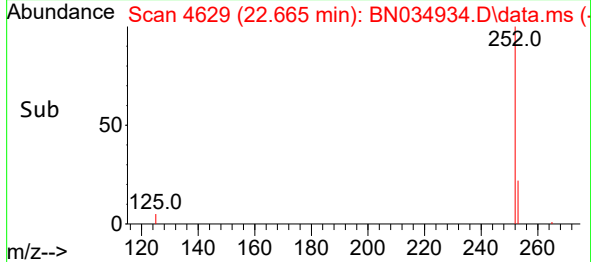
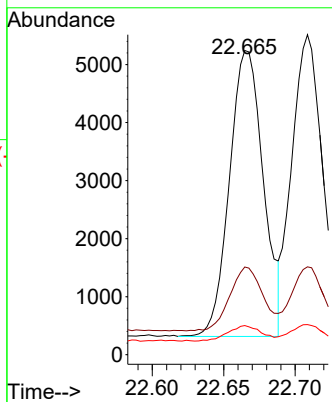
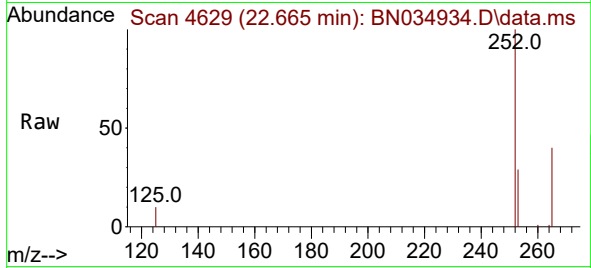




#24
Benzo(b)fluoranthene
Concen: 0.201 ng/ul
RT: 22.665 min Scan# 4629
Delta R.T. -0.006 min
Lab File: BN034934.D
Acq: 09 Nov 2024 10:27

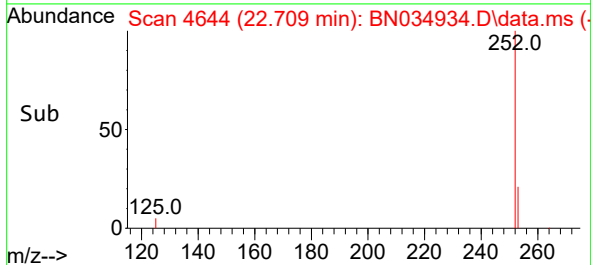
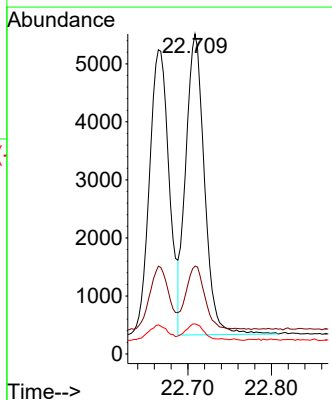
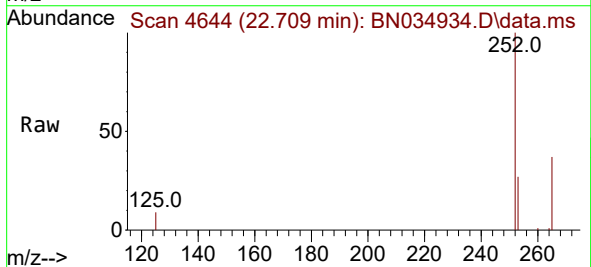
Instrument :
BNA_N
ClientSampleId :
SLCS773

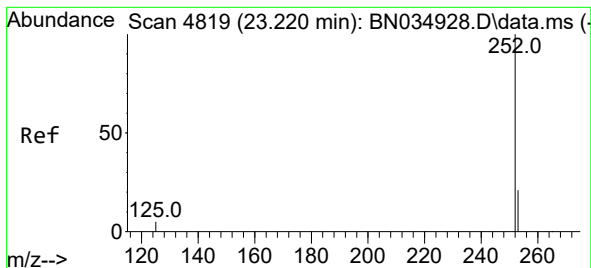
Tgt Ion:252 Resp: 8137
Ion Ratio Lower Upper
252 100
253 28.8 0.0 50.0
125 9.6 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 0.189 ng/ul
RT: 22.709 min Scan# 4644
Delta R.T. -0.003 min
Lab File: BN034934.D
Acq: 09 Nov 2024 10:27

Tgt Ion:252 Resp: 8027
Ion Ratio Lower Upper
252 100
253 27.5 20.2 30.4
125 9.4 5.8 8.8





#26

Benzo(a)pyrene

Concen: 0.189 ng/ul

RT: 23.214 min Scan# 4819

Delta R.T. -0.003 min

Lab File: BN034934.D

Acq: 09 Nov 2024 10:27

Instrument :

BNA_N

ClientSampleId :

SLCS773

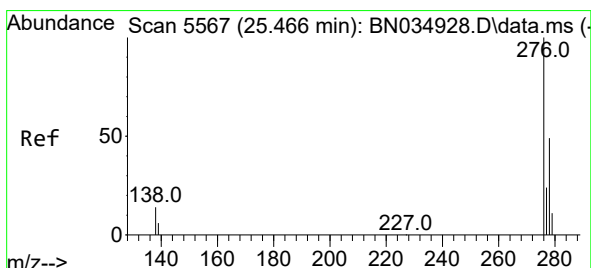
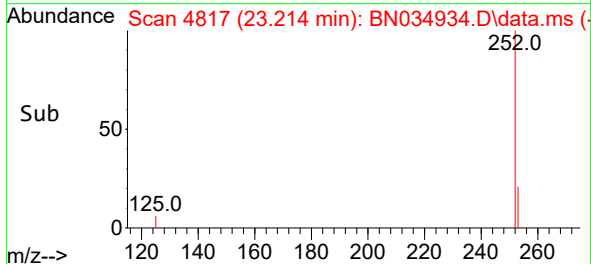
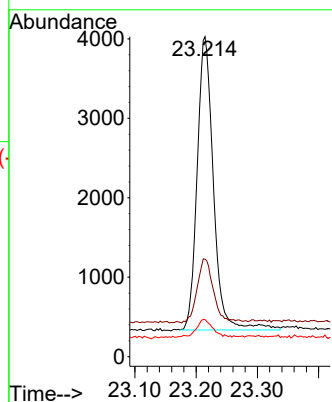
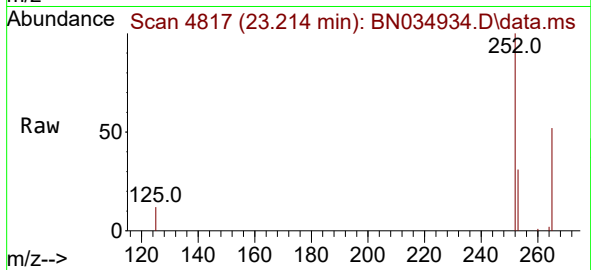
Tgt Ion:252 Resp: 6836

Ion Ratio Lower Upper

252 100

253 30.5 21.2 31.8

125 11.6 6.3 9.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.175 ng/ul

RT: 25.463 min Scan# 5566

Delta R.T. -0.007 min

Lab File: BN034934.D

Acq: 09 Nov 2024 10:27

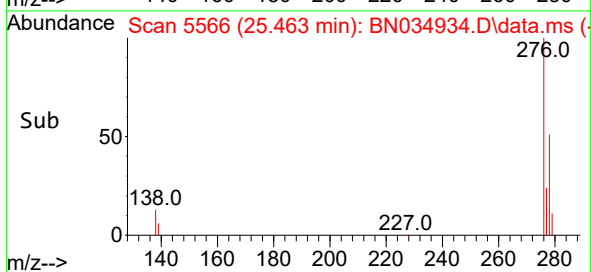
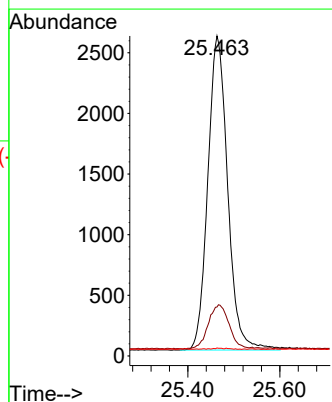
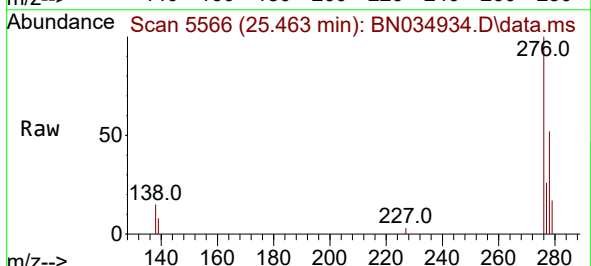
Tgt Ion:276 Resp: 7752

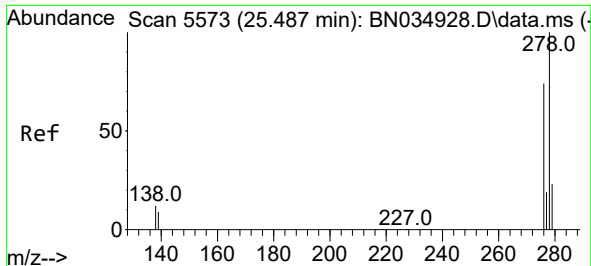
Ion Ratio Lower Upper

276 100

138 15.0 10.8 16.2

227 0.2 0.2 0.4#

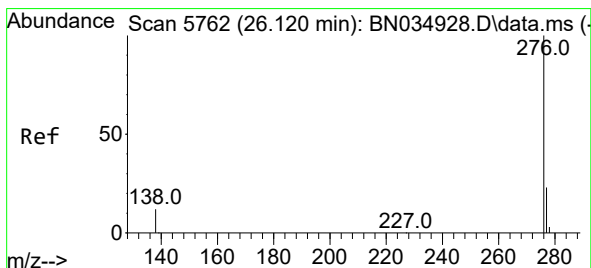
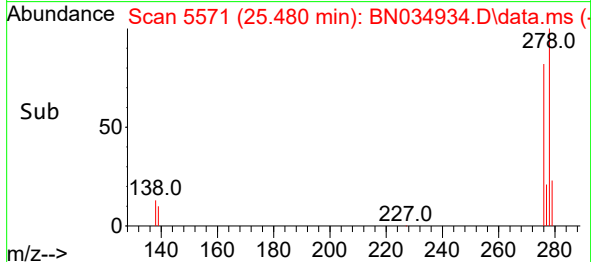
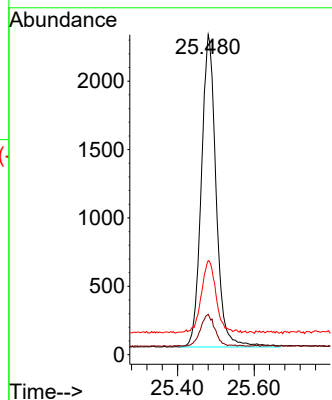
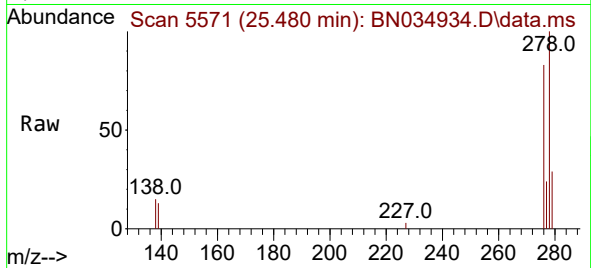




#28
Dibenzo(a,h)anthracene
Concen: 0.178 ng/ul
RT: 25.480 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN034934.D
Acq: 09 Nov 2024 10:27

Instrument :
BNA_N
ClientSampleId :
SLCS773

Tgt Ion:278 Resp: 6134
Ion Ratio Lower Upper
278 100
139 12.6 8.4 12.6#
279 29.4 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.183 ng/ul
RT: 26.117 min Scan# 5761
Delta R.T. -0.010 min
Lab File: BN034934.D
Acq: 09 Nov 2024 10:27

Tgt Ion:276 Resp: 6191
Ion Ratio Lower Upper
276 100
138 14.1 10.3 15.5
277 26.5 20.2 30.2

