

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
 Data File : BN034195.D
 Acq On : 24 Sep 2024 10:55
 Operator : RC/JU
 Sample : PB163538BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS538

Quant Time: Sep 24 12:29:22 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 : Mon Sep 23 19:39:10 2024
 Response via : Initial Calibration

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

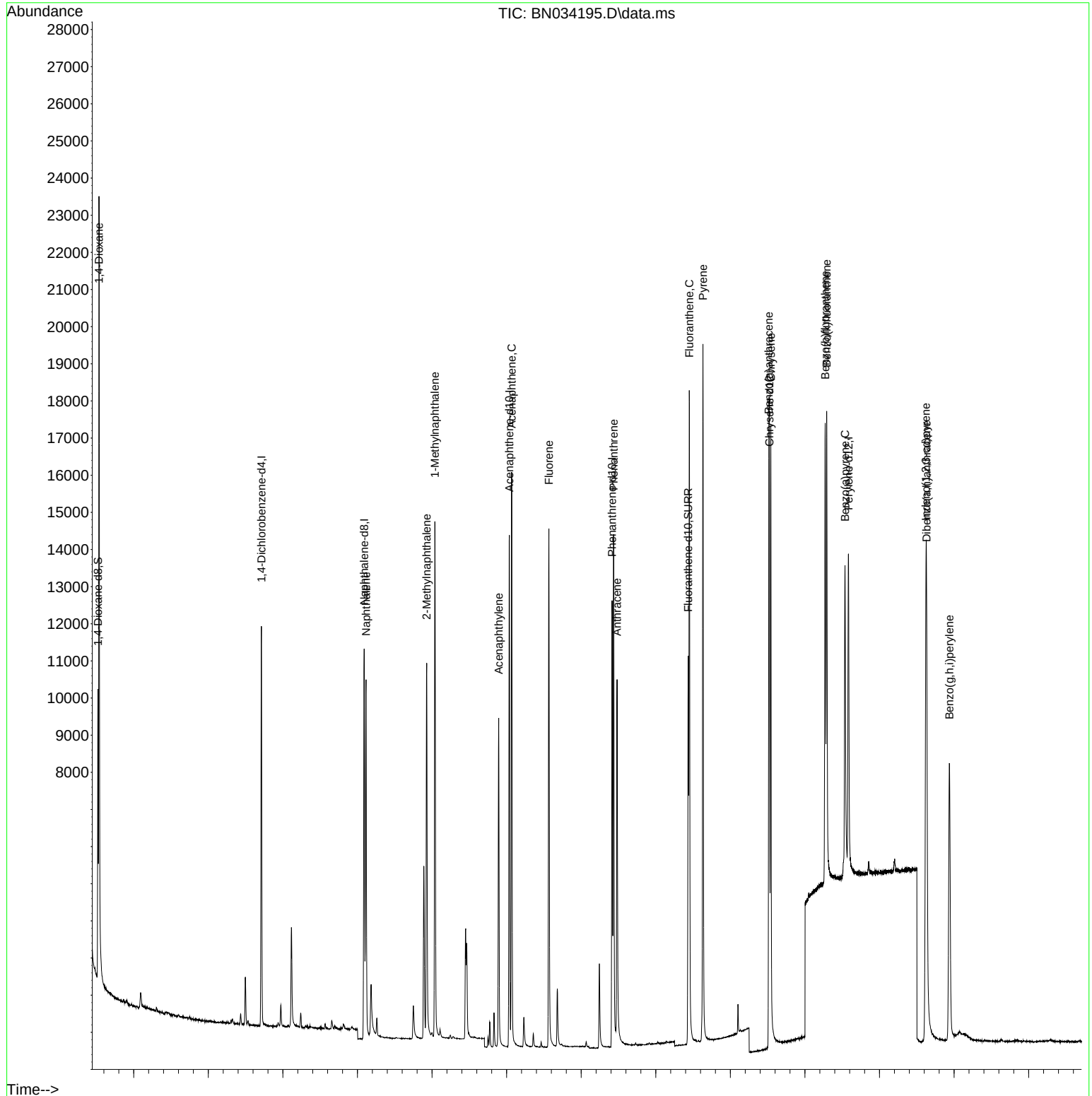
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5274	0.400	ng/ul	0.00
4) Naphthalene-d8	10.179	136	14414	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.074	164	7696	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.827	188	14942	0.400	ng/ul	0.00
17) Chrysene-d12	21.049	240	11108	0.400	ng/ul	0.00
23) Perylene-d12	23.168	264	11613	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.039	96	4183	0.771	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.780	152	6921	0.335	ng/ul	0.00
18) Fluoranthene-d10	18.870	212	12462	0.376	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.069	88	11908	1.979	ng/ul#	78
5) Naphthalene	10.229	128	13388	0.347	ng/ul	100
7) 2-Methylnaphthalene	11.857	142	8278	0.339	ng/ul	99
8) 1-Methylnaphthalene	12.077	142	9982	0.397	ng/ul	100
10) Acenaphthylene	13.787	152	10517	0.301	ng/ul	99
11) Acenaphthene	14.134	153	9032	0.358	ng/ul	100
12) Fluorene	15.133	166	9611	0.341	ng/ul	99
14) Pentachlorophenol	16.489	266	1857	0.395	ng/ul	99
15) Phenanthrene	16.869	178	14967	0.340	ng/ul	100
16) Anthracene	16.962	178	12438	0.314	ng/ul	99
19) Fluoranthene	18.902	202	15929	0.363	ng/ul	98
20) Pyrene	19.265	202	16633	0.358	ng/ul	97
21) Benzo(a)anthracene	21.031	228	13169	0.301	ng/ul	99
22) Chrysene	21.084	228	15736	0.356	ng/ul	99
24) Benzo(b)fluoranthene	22.542	252	14577	0.323	ng/ul	97
25) Benzo(k)fluoranthene	22.583	252	16263	0.361	ng/ul	98
26) Benzo(a)pyrene	23.074	252	13281	0.367	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.245	276	17934	0.330	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.262	278	13691	0.324	ng/ul	97
29) Benzo(g,h,i)perylene	25.872	276	14657	0.345	ng/ul	97

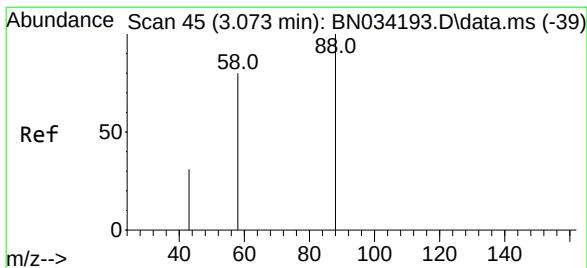
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.979 ng/ul

RT: 3.069 min Scan# 44

Delta R.T. -0.004 min

Lab File: BN034195.D

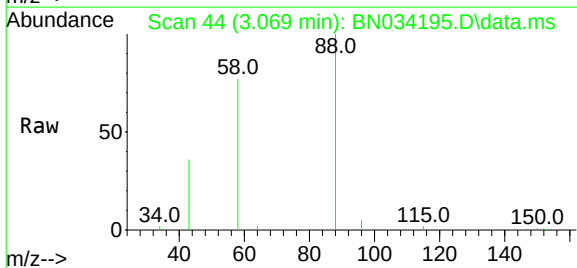
Acq: 24 Sep 2024 10:55

Instrument :

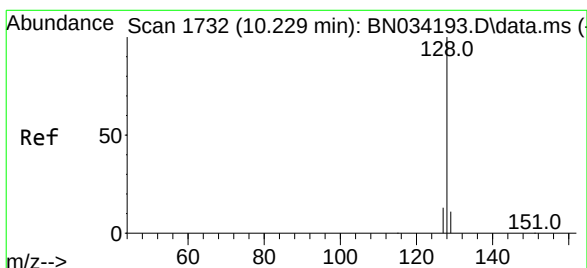
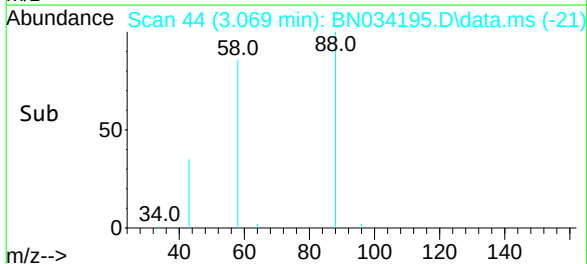
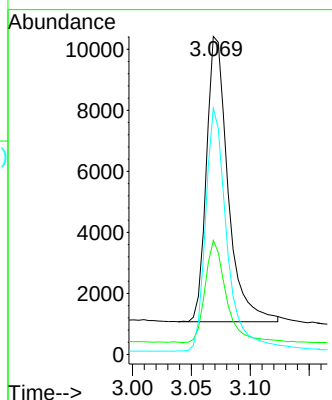
BNA_N

ClientSampleId :

SLCS538



Tgt Ion:	88	Resp:	11908
Ion	Ratio	Lower	Upper
88	100		
43	35.8	47.0	70.4#
58	77.4	53.0	79.4



#5

Naphthalene

Concen: 0.347 ng/ul

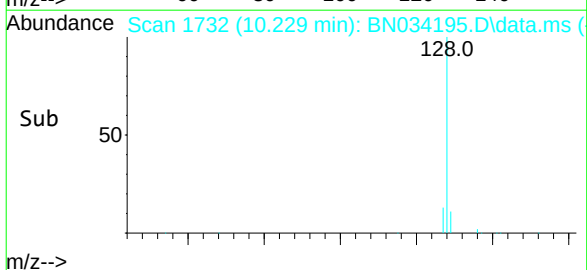
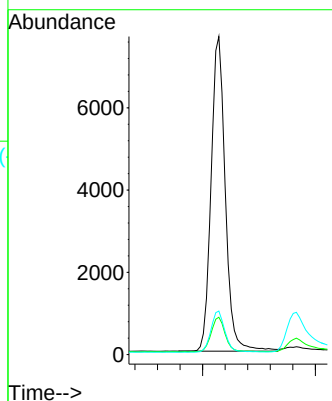
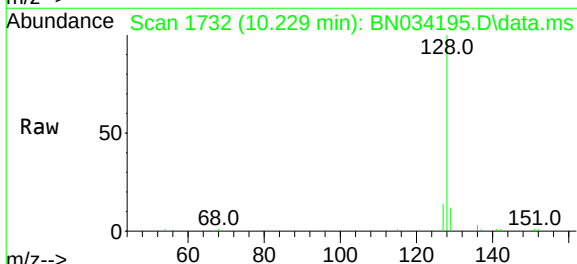
RT: 10.229 min Scan# 1732

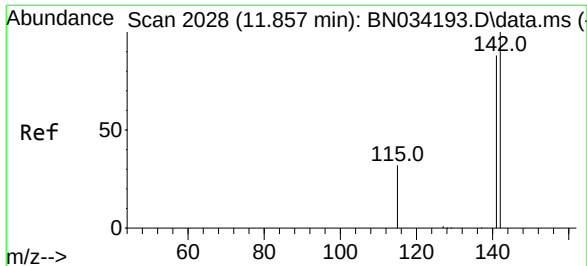
Delta R.T. -0.000 min

Lab File: BN034195.D

Acq: 24 Sep 2024 10:55

Tgt Ion:	128	Resp:	13388
Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.7	10.8	16.2

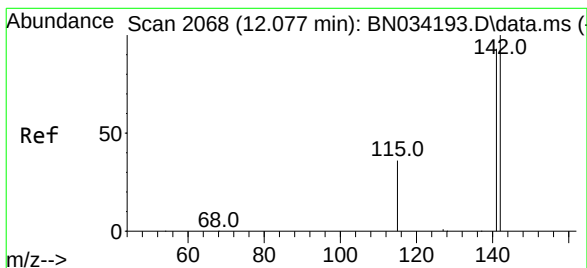
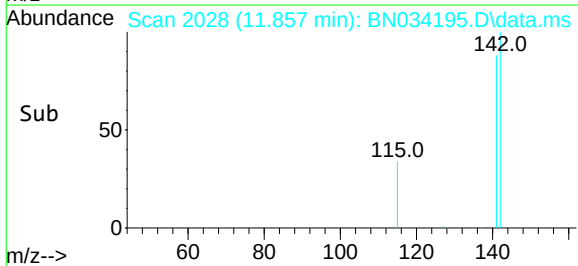
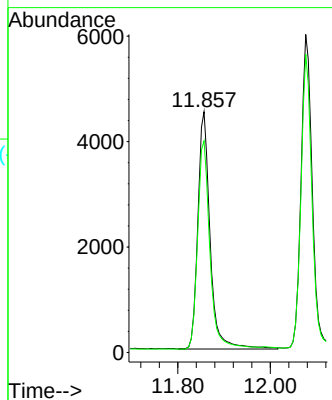
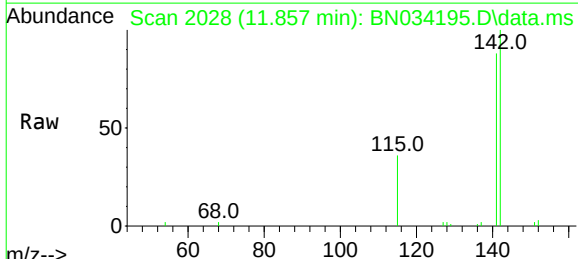




#7
2-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 11.857 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BN034195.D
Acq: 24 Sep 2024 10:55

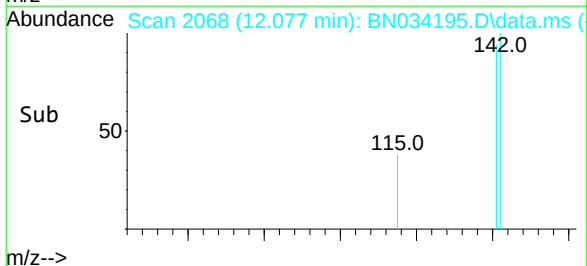
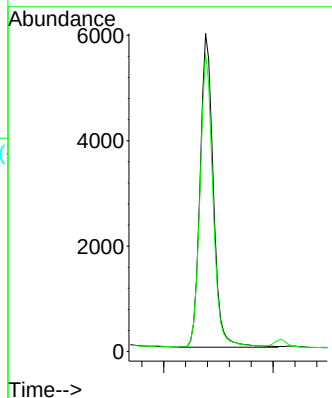
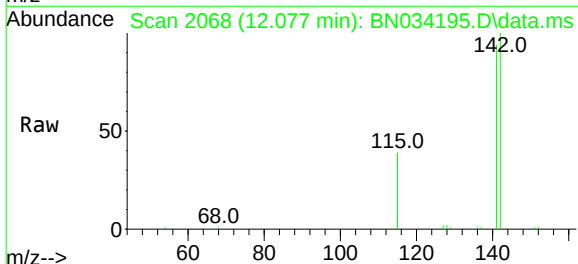
Instrument :
BNA_N
ClientSampleId :
SLCS538

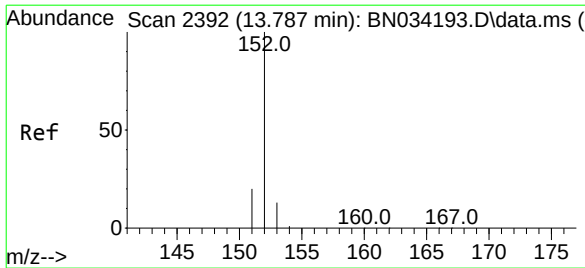
Tgt Ion:142 Resp: 8278
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.077 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BN034195.D
Acq: 24 Sep 2024 10:55

Tgt Ion:142 Resp: 9982
Ion Ratio Lower Upper
142 100
141 92.2 73.6 110.4





#10

Acenaphthylene

Concen: 0.301 ng/ul

RT: 13.787 min Scan# 2392

Delta R.T. -0.000 min

Lab File: BN034195.D

Acq: 24 Sep 2024 10:55

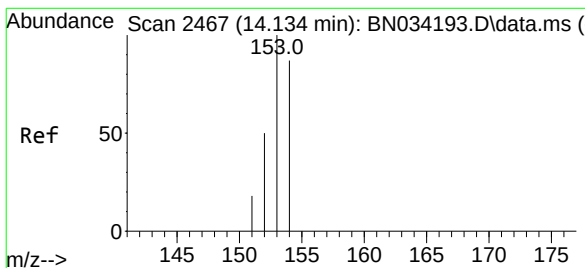
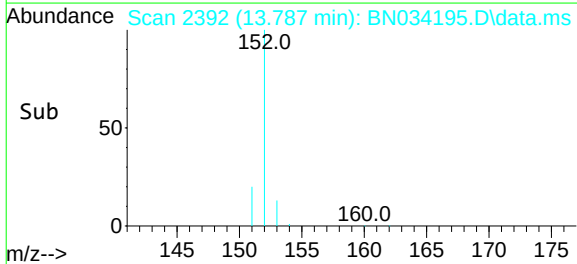
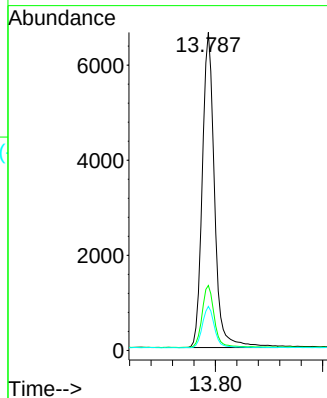
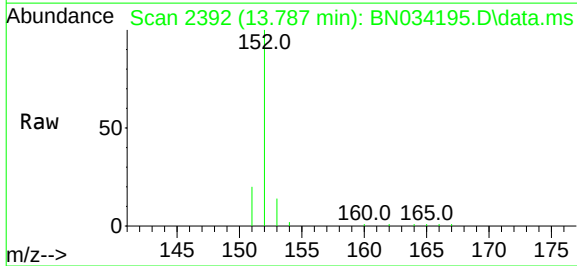
Instrument :

BNA_N

ClientSampleId :

SLCS538

Tgt Ion:	152	Resp:	10517
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.4
153	13.9	10.8	16.2



#11

Acenaphthene

Concen: 0.358 ng/ul

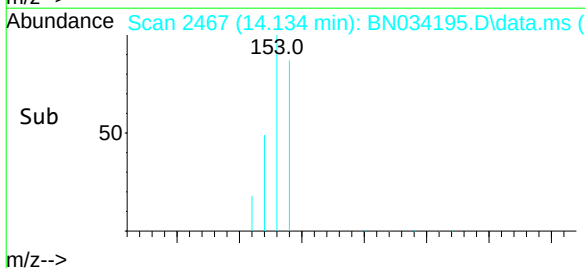
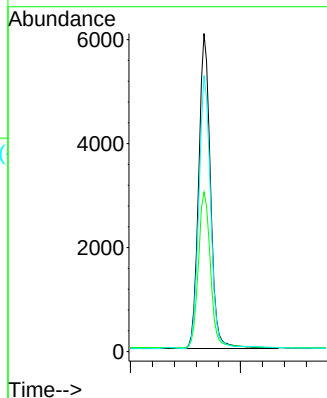
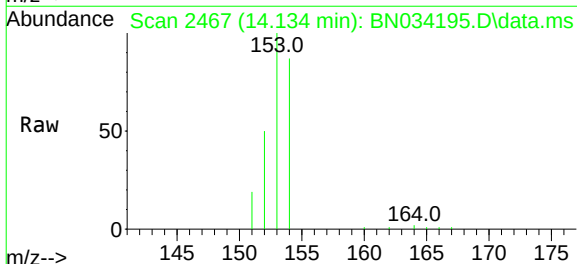
RT: 14.134 min Scan# 2467

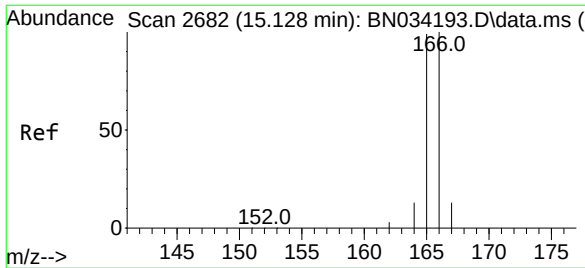
Delta R.T. -0.005 min

Lab File: BN034195.D

Acq: 24 Sep 2024 10:55

Tgt Ion:	153	Resp:	9032
Ion Ratio	Lower	Upper	
153	100		
152	50.1	39.8	59.8
154	86.8	69.0	103.6

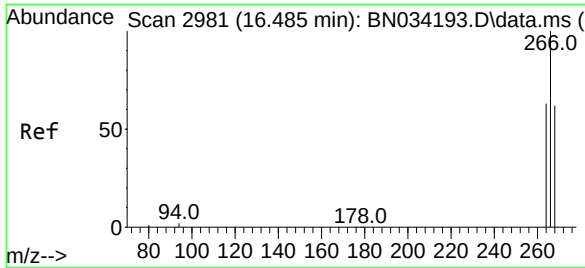
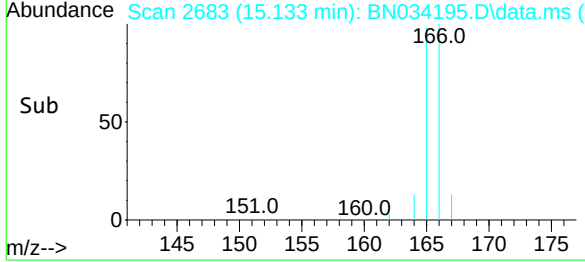
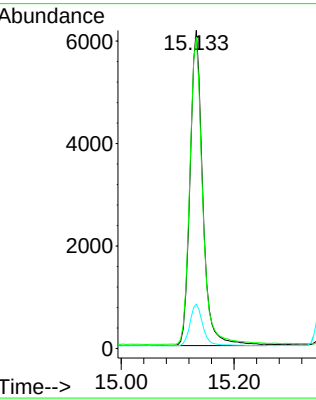
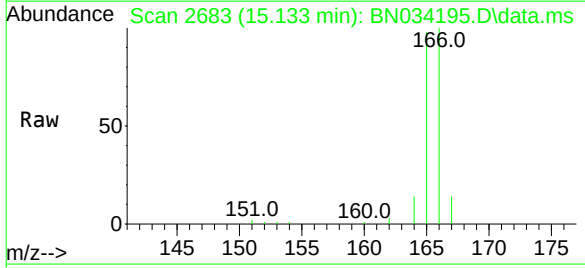




#12
 Fluorene
 Concen: 0.341 ng/ul
 RT: 15.133 min Scan# 2683
 Delta R.T. -0.000 min
 Lab File: BN034195.D
 Acq: 24 Sep 2024 10:55

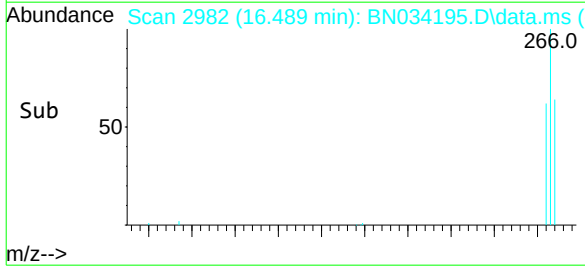
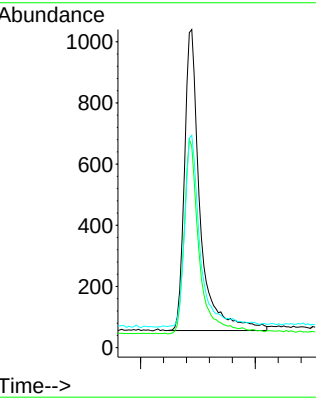
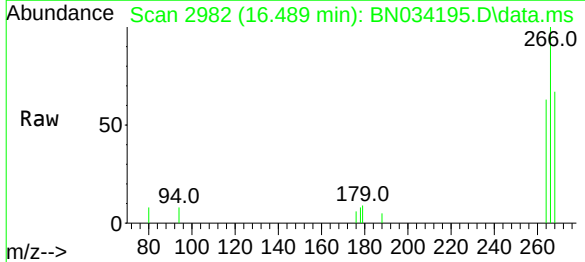
Instrument :
 BNA_N
 ClientSampleId :
 SLCS538

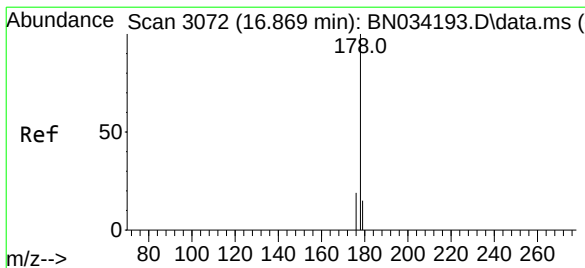
Tgt Ion:	166	Resp:	9611
Ion Ratio	Lower	Upper	
166	100		
165	97.9	79.1	118.7
167	13.9	11.4	17.0



#14
 Pentachlorophenol
 Concen: 0.395 ng/ul
 RT: 16.489 min Scan# 2982
 Delta R.T. -0.000 min
 Lab File: BN034195.D
 Acq: 24 Sep 2024 10:55

Tgt Ion:	266	Resp:	1857
Ion Ratio	Lower	Upper	
266	100		
264	63.3	50.3	75.5
268	63.3	51.7	77.5





#15

Phenanthrene

Concen: 0.340 ng/u1

RT: 16.869 min Scan# 3072

Delta R.T. -0.000 min

Lab File: BN034195.D

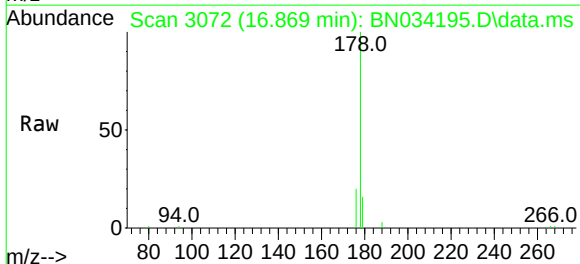
Acq: 24 Sep 2024 10:55

Instrument :

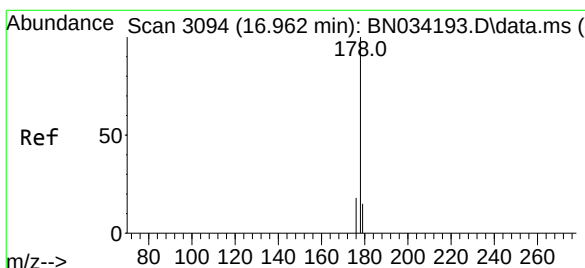
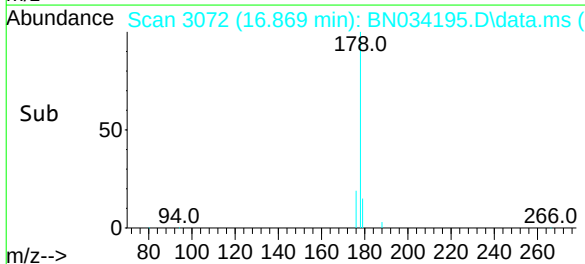
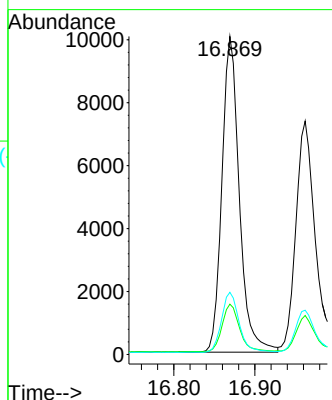
BNA_N

ClientSampleId :

SLCS538



Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	19.6	15.7	23.5



#16

Anthracene

Concen: 0.314 ng/u1

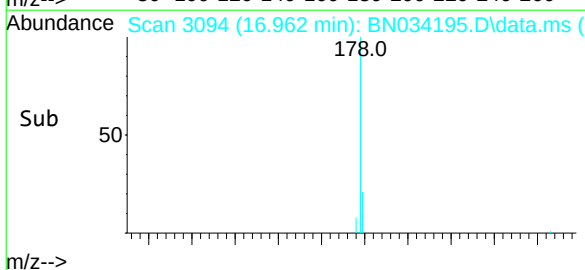
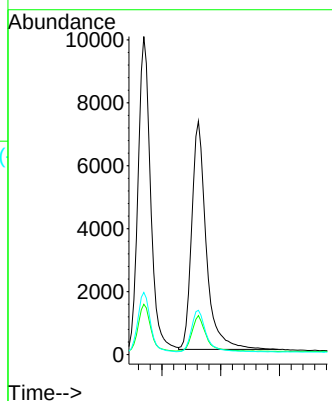
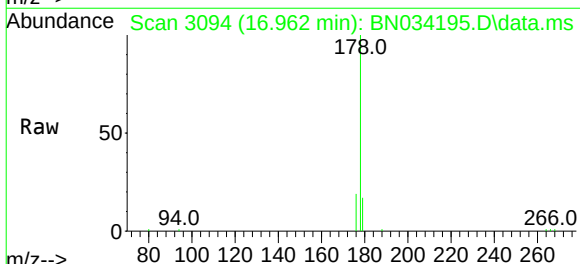
RT: 16.962 min Scan# 3094

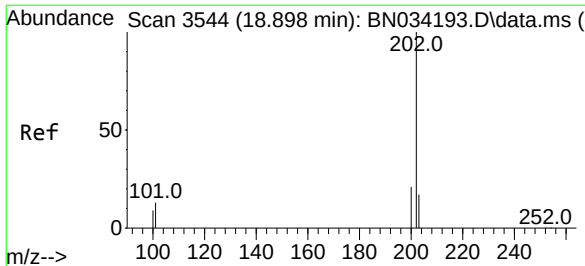
Delta R.T. -0.000 min

Lab File: BN034195.D

Acq: 24 Sep 2024 10:55

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.4
176	19.0	15.2	22.8





#19

Fluoranthene

Concen: 0.363 ng/u1

RT: 18.902 min Scan# 3545

Delta R.T. -0.000 min

Lab File: BN034195.D

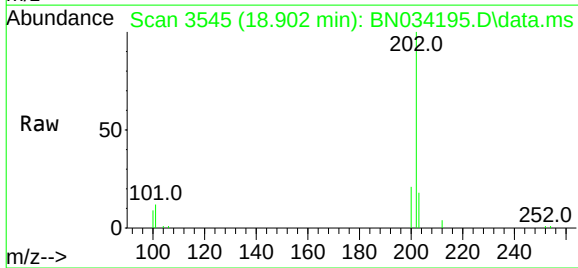
Acq: 24 Sep 2024 10:55

Instrument :

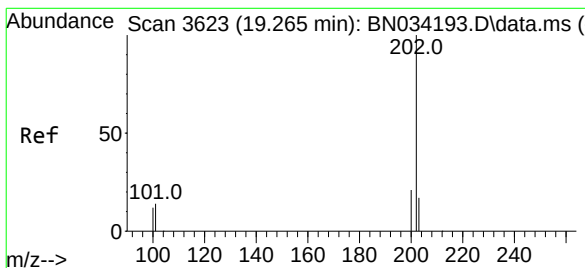
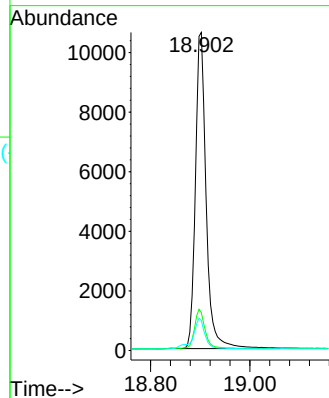
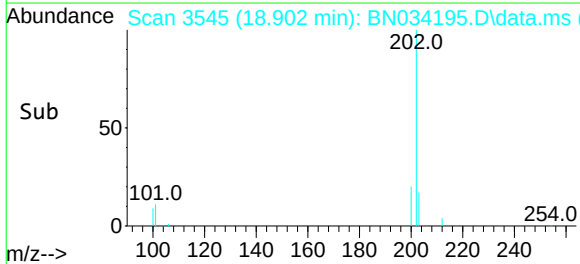
BNA_N

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Tgt Ion:	202	Resp:	15929
Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.0	13.4
100	9.4	6.7	10.1



#20

Pyrene

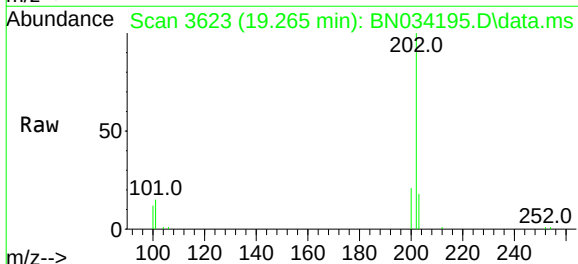
Concen: 0.358 ng/u1

RT: 19.265 min Scan# 3623

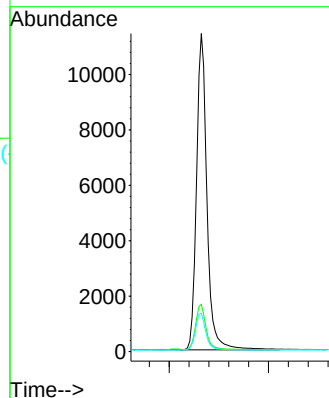
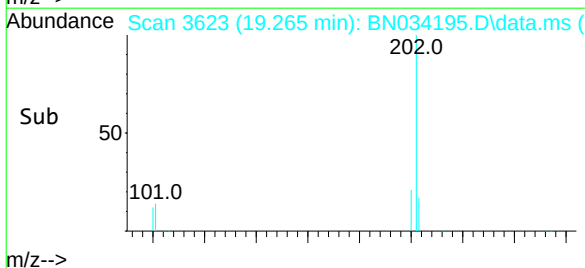
Delta R.T. -0.000 min

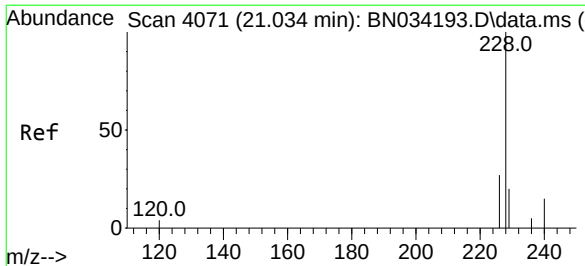
Lab File: BN034195.D

Acq: 24 Sep 2024 10:55



Tgt Ion:	202	Resp:	16633
Ion	Ratio	Lower	Upper
202	100		
101	14.9	10.8	16.2
100	12.0	8.7	13.1





#21

Benzo(a)anthracene

Concen: 0.301 ng/u1

RT: 21.031 min Scan# 4071

Delta R.T. -0.003 min

Lab File: BN034195.D

Acq: 24 Sep 2024 10:55

Instrument :

BNA_N

ClientSampleId :

SLCS538

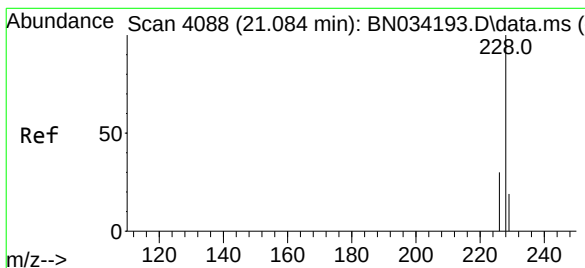
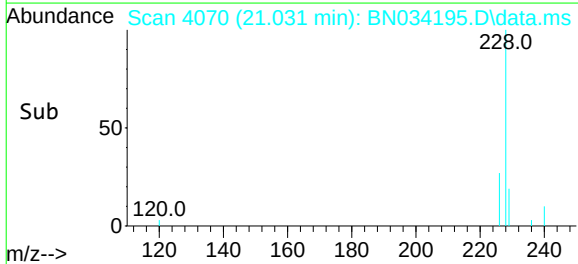
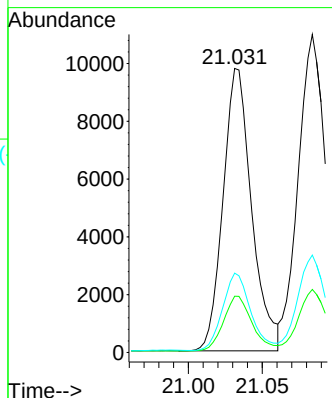
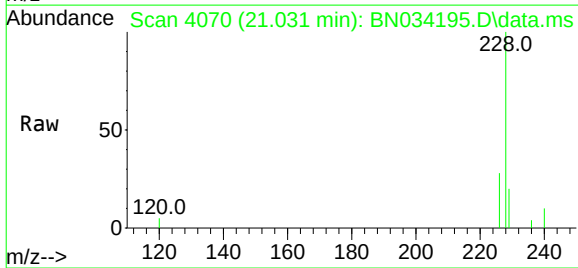
Tgt Ion:228 Resp: 13169

Ion Ratio Lower Upper

228 100

229 19.8 15.4 23.2

226 27.9 22.1 33.1



#22

Chrysene

Concen: 0.356 ng/u1

RT: 21.084 min Scan# 4088

Delta R.T. -0.000 min

Lab File: BN034195.D

Acq: 24 Sep 2024 10:55

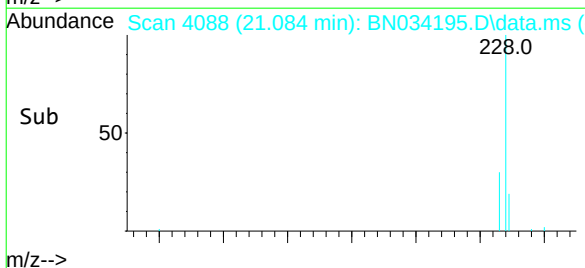
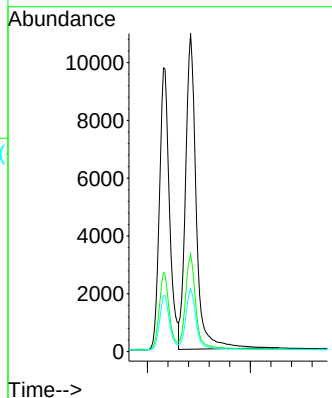
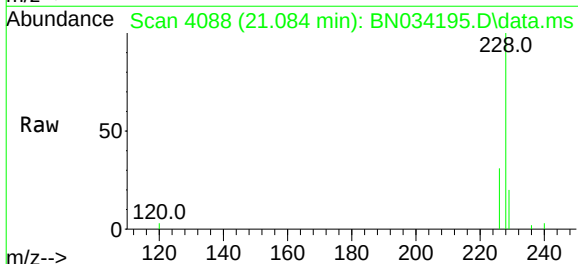
Tgt Ion:228 Resp: 15736

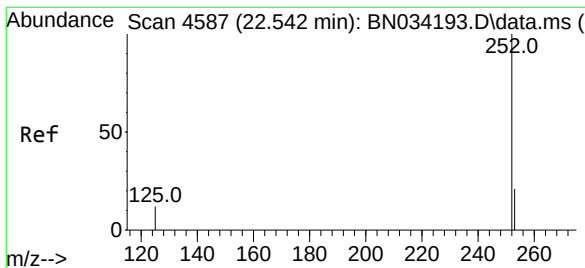
Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 19.8 15.6 23.4





#24

Benzo(b)fluoranthene

Concen: 0.323 ng/u1

RT: 22.542 min Scan# 4587

Delta R.T. -0.000 min

Lab File: BN034195.D

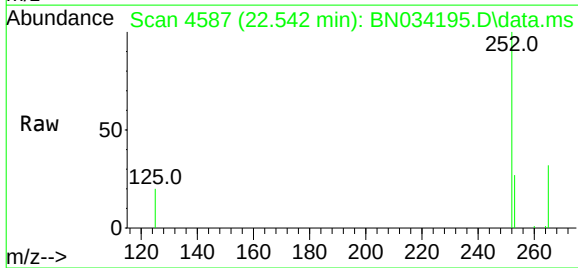
Acq: 24 Sep 2024 10:55

Instrument :

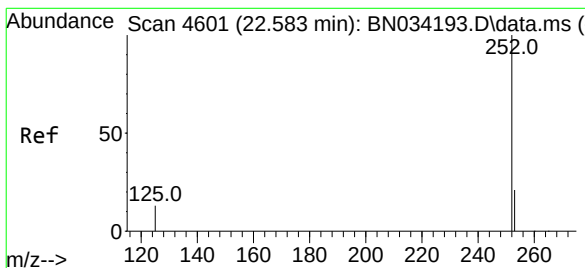
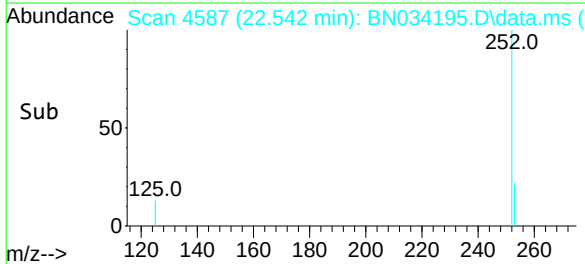
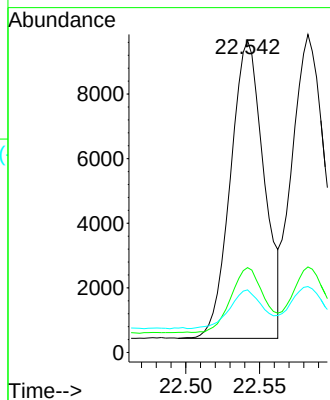
BNA_N

ClientSampleId :

SLCS538



Tgt Ion:	252	Resp:	14577
Ion Ratio	Lower	Upper	
252	100		
253	27.2	0.0	52.8
125	20.1	0.0	36.4



#25

Benzo(k)fluoranthene

Concen: 0.361 ng/u1

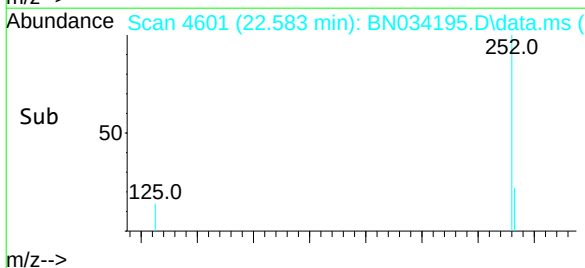
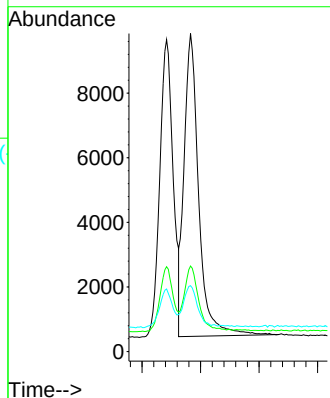
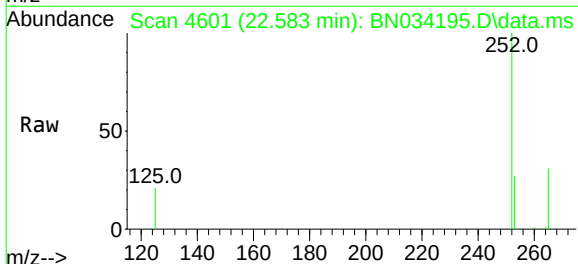
RT: 22.583 min Scan# 4601

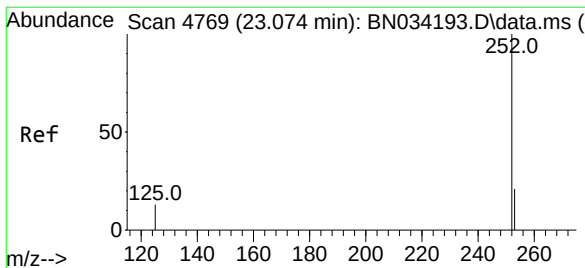
Delta R.T. -0.000 min

Lab File: BN034195.D

Acq: 24 Sep 2024 10:55

Tgt Ion:	252	Resp:	16263
Ion Ratio	Lower	Upper	
252	100		
253	26.9	21.4	32.0
125	20.7	15.1	22.7





#26

Benzo(a)pyrene

Concen: 0.367 ng/u1

RT: 23.074 min Scan# 47

Delta R.T. -0.000 min

Lab File: BN034195.D

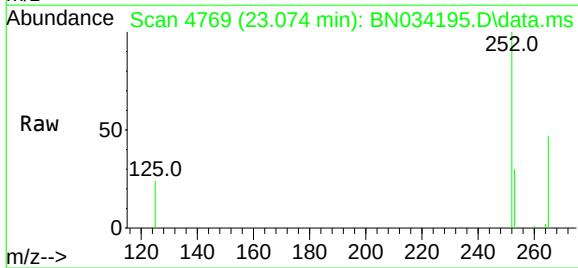
Acq: 24 Sep 2024 10:55

Instrument :

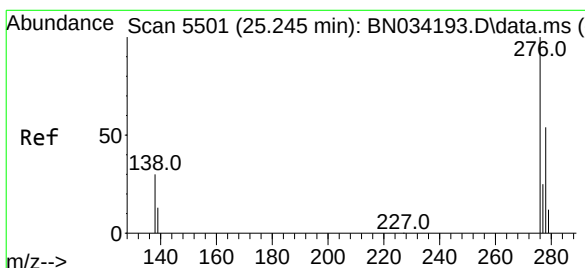
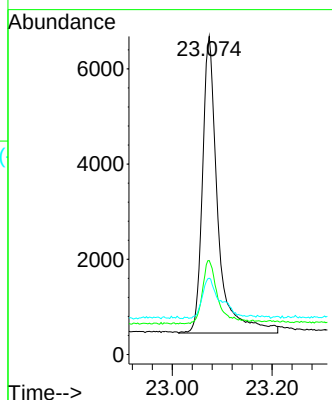
BNA_N

ClientSampleId :

SLCS538



Tgt Ion:	252	Resp:	13281
Ion Ratio	Lower	Upper	
252	100		
253	29.5	22.8	34.2
125	24.0	18.0	27.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.330 ng/u1

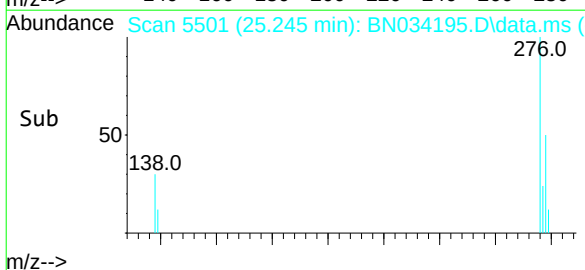
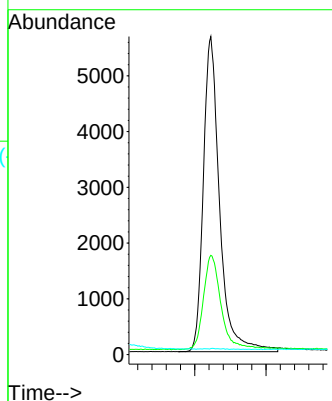
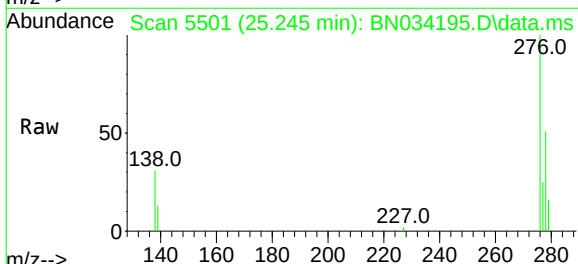
RT: 25.245 min Scan# 5501

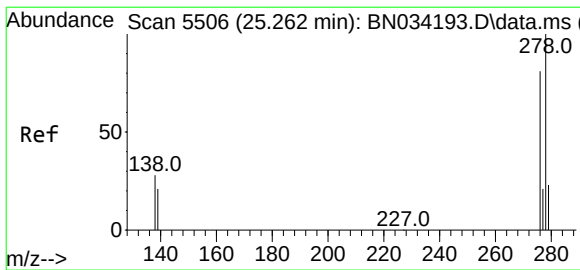
Delta R.T. -0.003 min

Lab File: BN034195.D

Acq: 24 Sep 2024 10:55

Tgt Ion:	276	Resp:	17934
Ion Ratio	Lower	Upper	
276	100		
138	32.7	22.3	33.5
227	0.1	0.2	0.4





#28

Dibenzo(a,h)anthracene

Concen: 0.324 ng/ul

RT: 25.262 min Scan# 5506

Delta R.T. -0.003 min

Lab File: BN034195.D

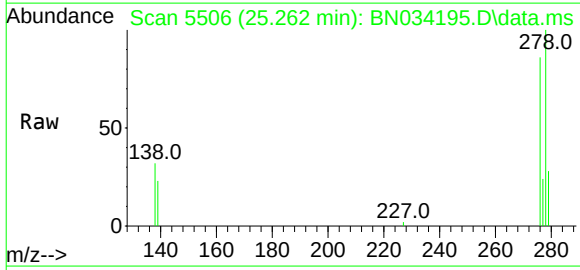
Acq: 24 Sep 2024 10:55

Instrument :

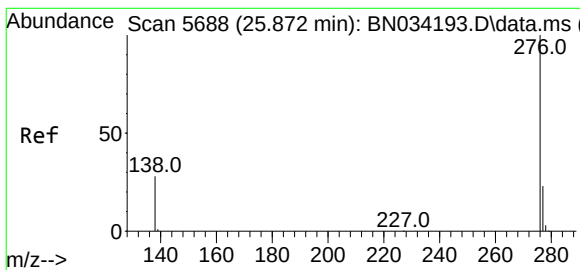
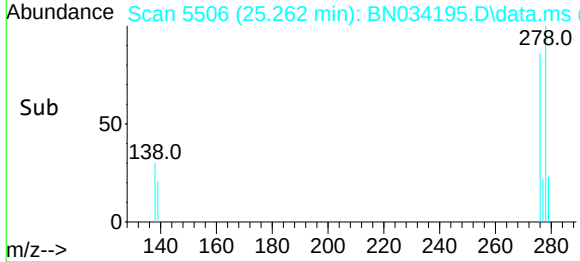
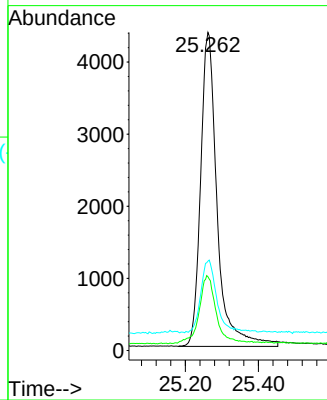
BNA_N

ClientSampleId :

SLCS538



Tgt Ion:	278	Resp:	13691
Ion Ratio	Lower	Upper	
278	100		
139	23.2	17.3	25.9
279	28.1	21.5	32.3



#29

Benzo(g,h,i)perylene

Concen: 0.345 ng/ul

RT: 25.872 min Scan# 5688

Delta R.T. -0.010 min

Lab File: BN034195.D

Acq: 24 Sep 2024 10:55

Tgt Ion:	276	Resp:	14657
Ion Ratio	Lower	Upper	
276	100		
138	28.4	20.8	31.2
277	24.9	20.2	30.4

