

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032636.D
 Acq On : 11 Jul 2024 15:18
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4254

Quant Time: Jul 12 01:54:51 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

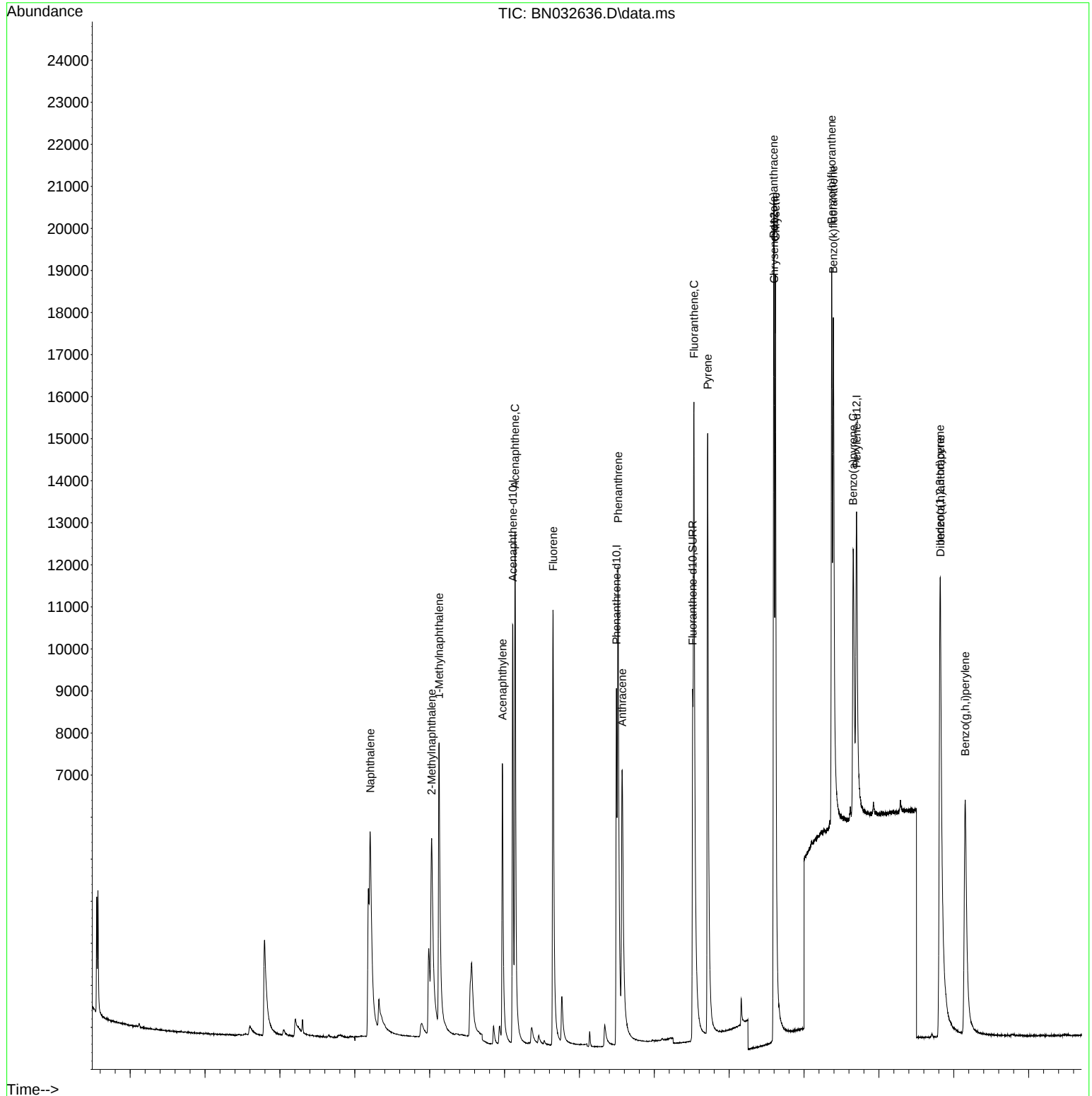
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.591	152	3593	0.400	ng/ul	0.01
4) Naphthalene-d8	10.365	136	12265	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.221	164	7904	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.991	188	17452	0.400	ng/ul	0.00
17) Chrysene-d12	21.200	240	13981	0.400	ng/ul	0.00
23) Perylene-d12	23.403	264	14094	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	1910	0.443	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	7257	0.391	ng/ul	0.00
18) Fluoranthene-d10	19.027	212	17879	0.392	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.139	88	2260	0.460	ng/ul	98
5) Naphthalene	10.415	128	12916	0.392	ng/ul	99
7) 2-Methylnaphthalene	12.054	142	8228	0.400	ng/ul	99
8) 1-Methylnaphthalene	12.252	142	8512	0.400	ng/ul	98
10) Acenaphthylene	13.943	152	12550	0.393	ng/ul	99
11) Acenaphthene	14.281	153	10436	0.395	ng/ul	99
12) Fluorene	15.299	166	11975	0.397	ng/ul	99
14) Pentachlorophenol	16.678	266	1042	0.340	ng/ul	99
15) Phenanthrene	17.033	178	18548	0.390	ng/ul	100
16) Anthracene	17.143	178	14968	0.385	ng/ul	100
19) Fluoranthene	19.059	202	22315	0.393	ng/ul	99
20) Pyrene	19.426	202	23040	0.392	ng/ul	99
21) Benzo(a)anthracene	21.188	228	16904	0.380	ng/ul	99
22) Chrysene	21.238	228	25248	0.392	ng/ul	100
24) Benzo(b)fluoranthene	22.740	252	18655	0.375	ng/ul	100
25) Benzo(k)fluoranthene	22.784	252	23714	0.391	ng/ul	99
26) Benzo(a)pyrene	23.313	252	16269	0.378	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.633	276	21711	0.373	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.646	278	16640	0.368	ng/ul	99
29) Benzo(g,h,i)perylene	26.307	276	18130	0.372	ng/ul	100

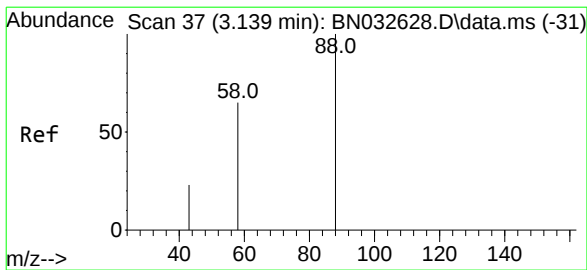
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.460 ng/ul

RT: 3.139 min Scan# 37

Delta R.T. 0.000 min

Lab File: BN032636.D

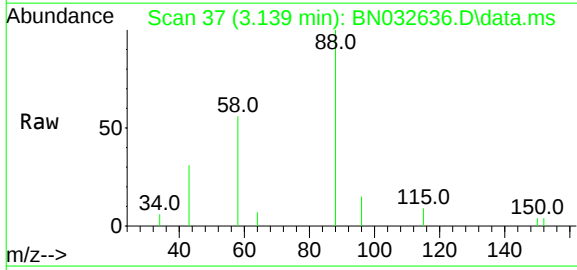
Acq: 11 Jul 2024 15:18

Instrument :

BNA_N

ClientSampleId :

SSTD0.4254



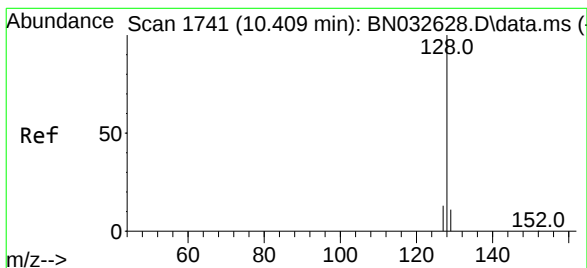
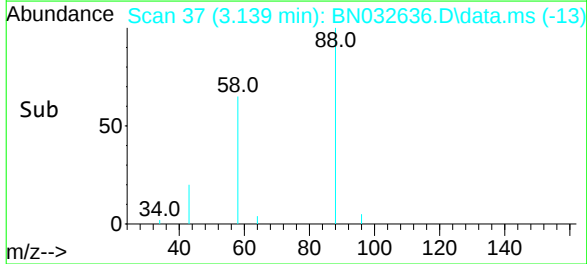
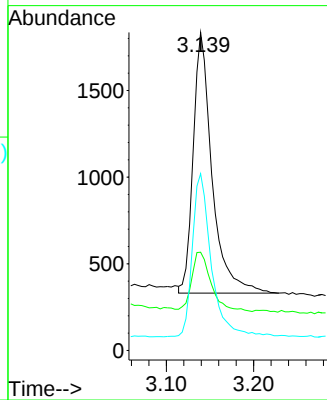
Tgt Ion: 88 Resp: 2260

Ion Ratio Lower Upper

88 100

43 30.9 24.0 36.0

58 55.6 43.3 64.9



#5

Naphthalene

Concen: 0.392 ng/ul

RT: 10.415 min Scan# 1742

Delta R.T. 0.006 min

Lab File: BN032636.D

Acq: 11 Jul 2024 15:18

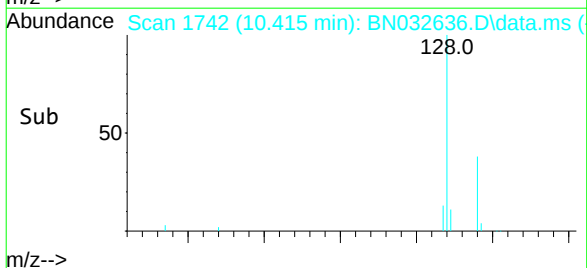
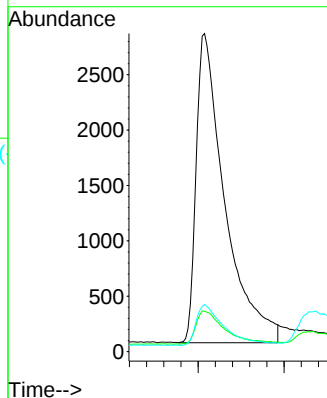
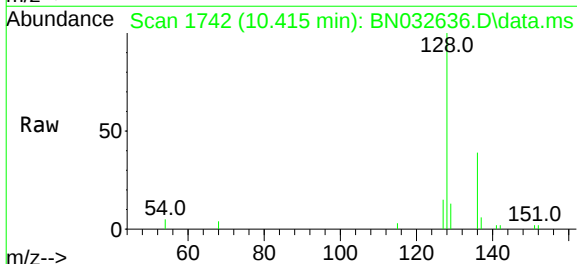
Tgt Ion: 128 Resp: 12916

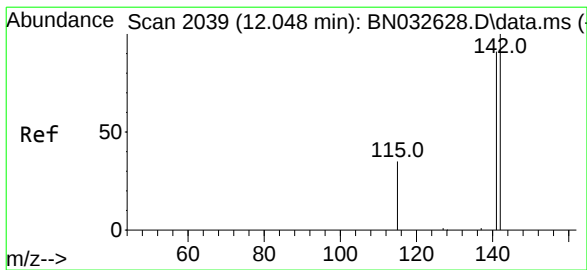
Ion Ratio Lower Upper

128 100

129 12.7 10.0 15.0

127 14.8 11.6 17.4





#7

2-Methylnaphthalene

Concen: 0.400 ng/ul

RT: 12.054 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BN032636.D

Acq: 11 Jul 2024 15:18

Instrument :

BNA_N

ClientSampleId :

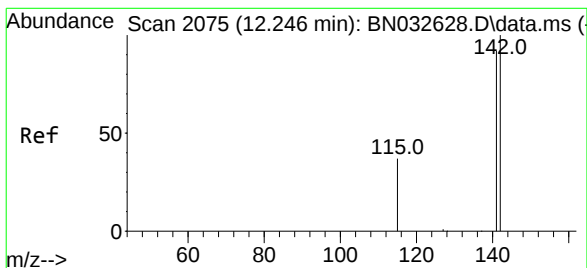
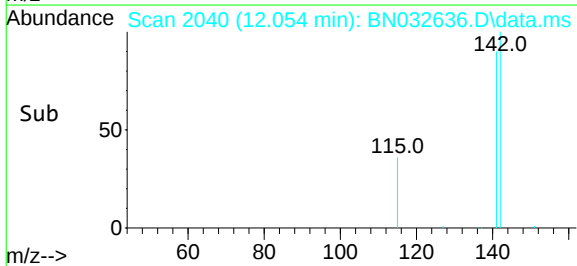
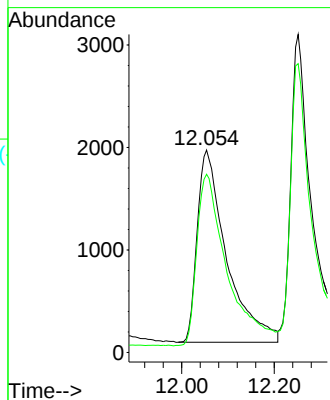
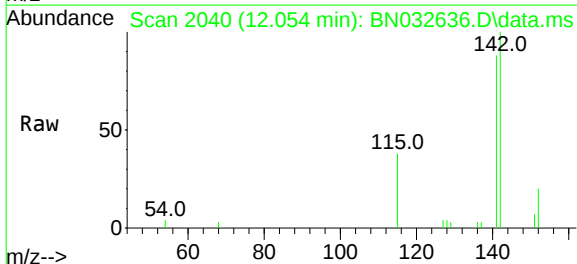
SSTD0.4254

Tgt Ion:142 Resp: 8228

Ion Ratio Lower Upper

142 100

141 93.1 74.0 111.0



#8

1-Methylnaphthalene

Concen: 0.400 ng/ul

RT: 12.252 min Scan# 2076

Delta R.T. 0.006 min

Lab File: BN032636.D

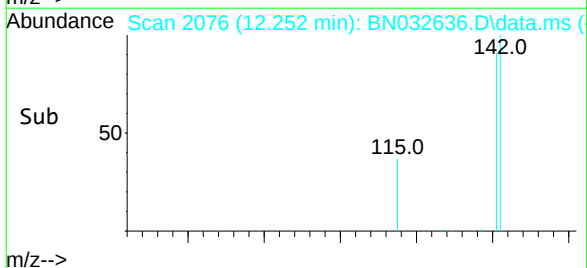
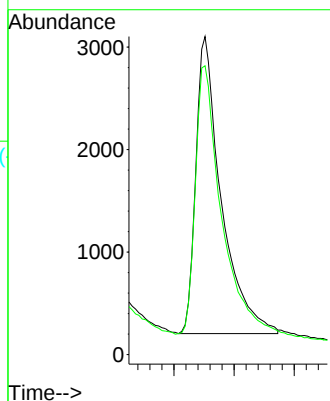
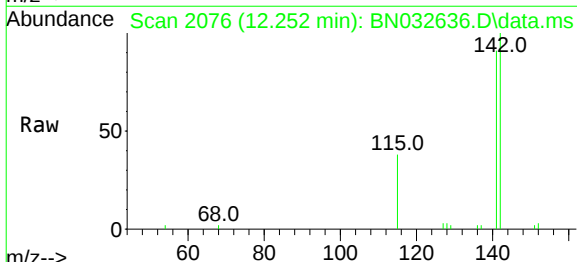
Acq: 11 Jul 2024 15:18

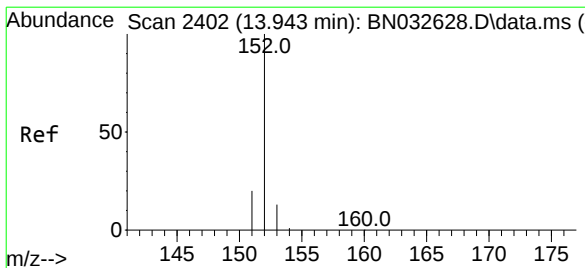
Tgt Ion:142 Resp: 8512

Ion Ratio Lower Upper

142 100

141 91.9 75.0 112.4





#10

Acenaphthylene

Concen: 0.393 ng/ul

RT: 13.943 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BN032636.D

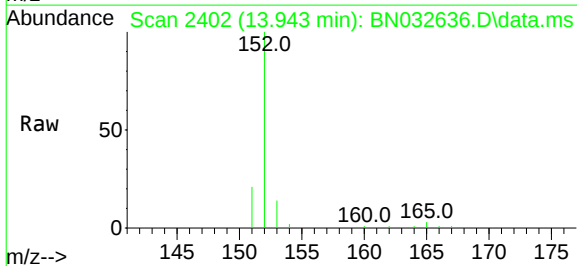
Acq: 11 Jul 2024 15:18

Instrument :

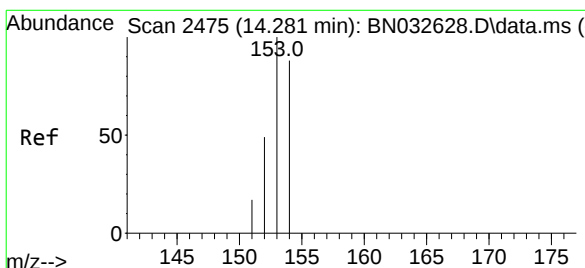
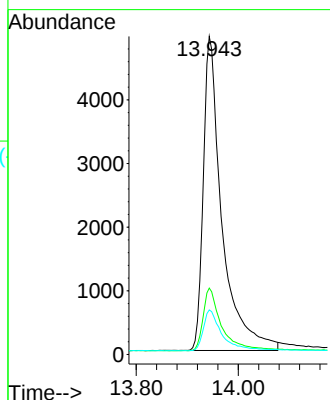
BNA_N

ClientSampleId :

SSTD0.4254



Tgt Ion:	152	Resp:	12550
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.3	24.5
153	14.0	11.3	16.9



#11

Acenaphthene

Concen: 0.395 ng/ul

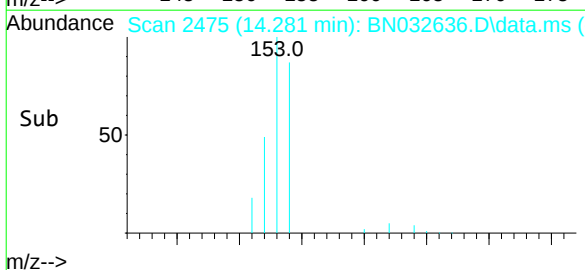
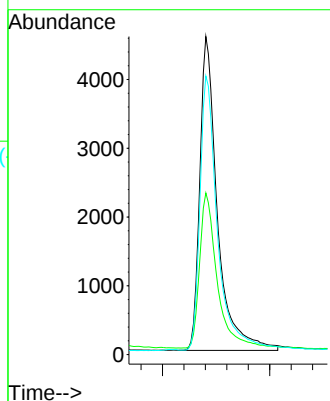
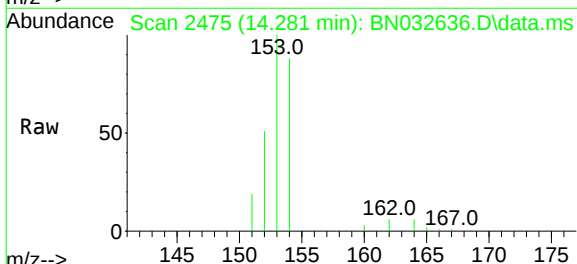
RT: 14.281 min Scan# 2475

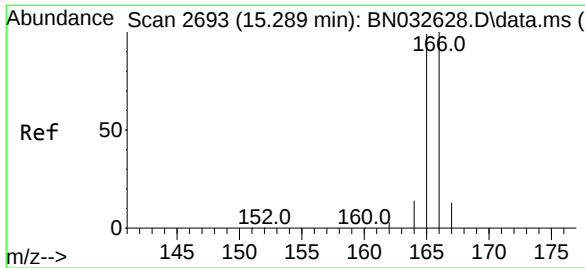
Delta R.T. 0.000 min

Lab File: BN032636.D

Acq: 11 Jul 2024 15:18

Tgt Ion:	153	Resp:	10436
Ion Ratio	Lower	Upper	
153	100		
152	50.8	40.0	60.0
154	87.6	70.2	105.4





#12

Fluorene

Concen: 0.397 ng/ul

RT: 15.299 min Scan# 2695

Delta R.T. 0.009 min

Lab File: BN032636.D

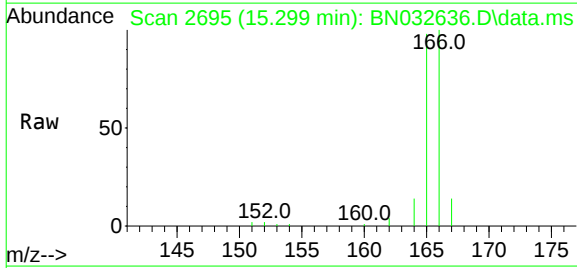
Acq: 11 Jul 2024 15:18

Instrument :

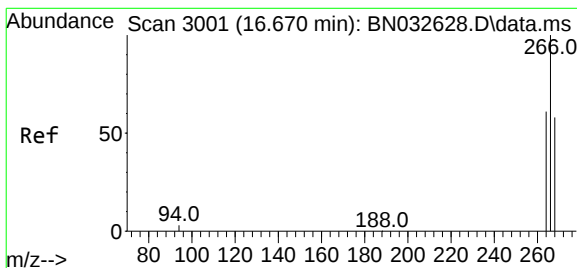
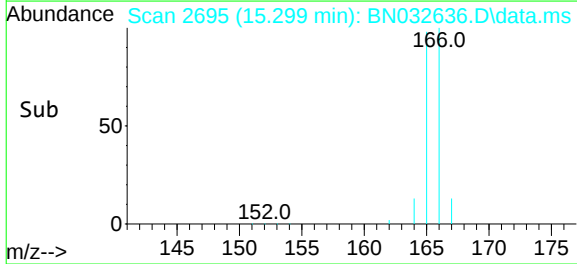
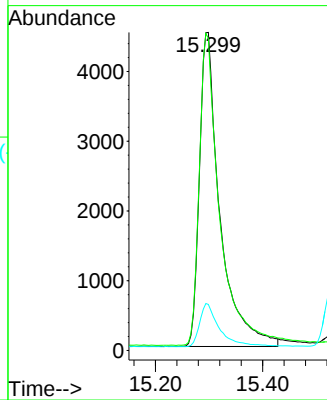
BNA_N

ClientSampleId :

SSTD0.4254



Tgt Ion:	166	Resp:	11975
Ion Ratio	Lower	Upper	
166	100		
165	98.1	79.7	119.5
167	14.5	11.4	17.2



#14

Pentachlorophenol

Concen: 0.340 ng/ul

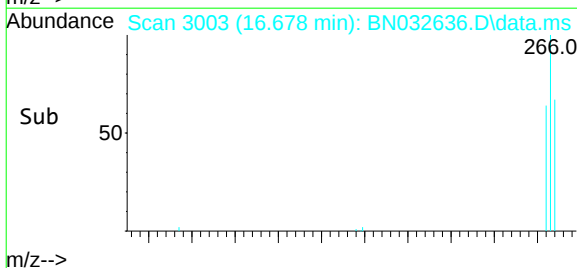
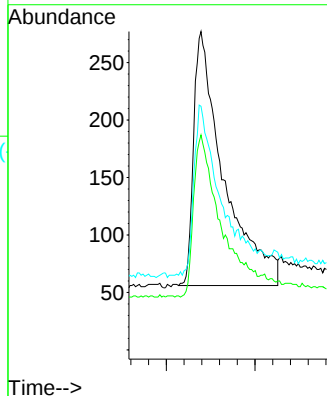
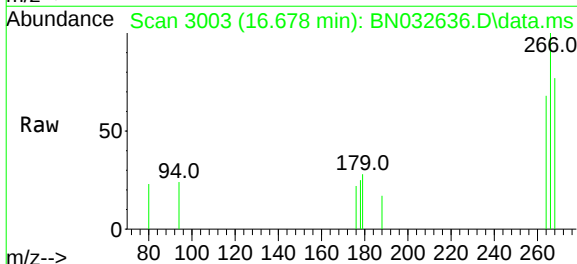
RT: 16.678 min Scan# 3003

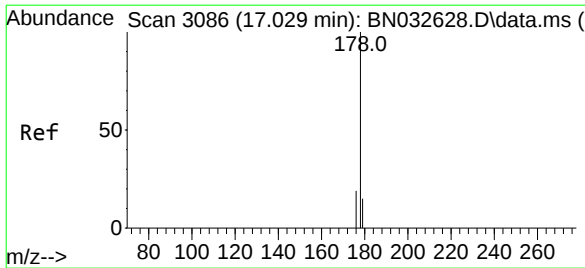
Delta R.T. 0.008 min

Lab File: BN032636.D

Acq: 11 Jul 2024 15:18

Tgt Ion:	266	Resp:	1042
Ion Ratio	Lower	Upper	
266	100		
264	62.0	49.4	74.2
268	63.1	51.6	77.4





#15

Phenanthrene

Concen: 0.390 ng/u1

RT: 17.033 min Scan# 3087

Delta R.T. 0.004 min

Lab File: BN032636.D

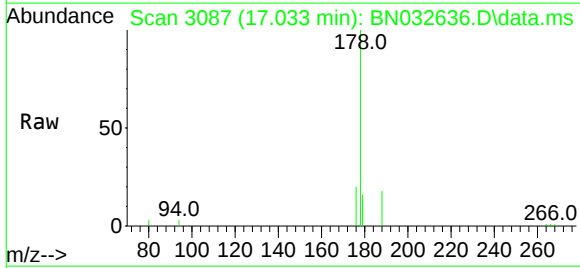
Acq: 11 Jul 2024 15:18

Instrument :

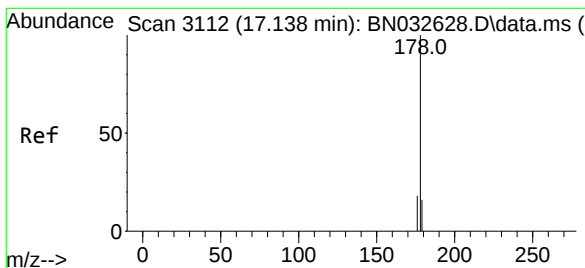
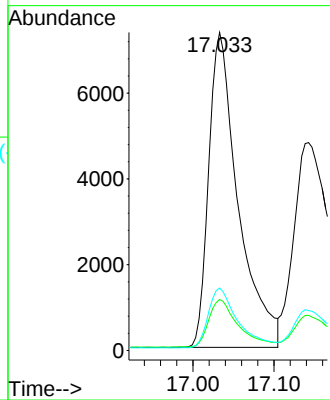
BNA_N

ClientSampleId :

SSTD0.4254



Tgt Ion:	178	Resp:	18548
Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.4
176	19.6	15.6	23.4



#16

Anthracene

Concen: 0.385 ng/u1

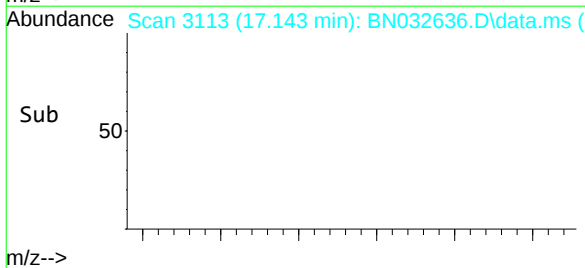
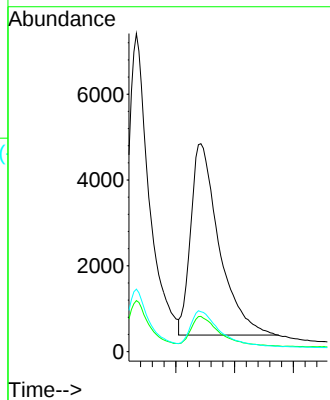
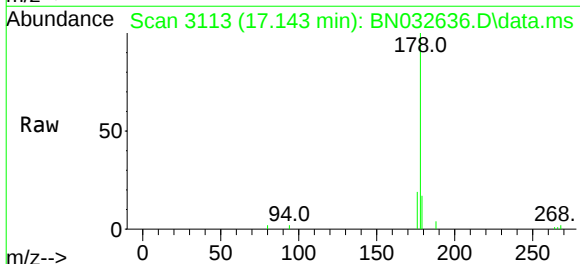
RT: 17.143 min Scan# 3113

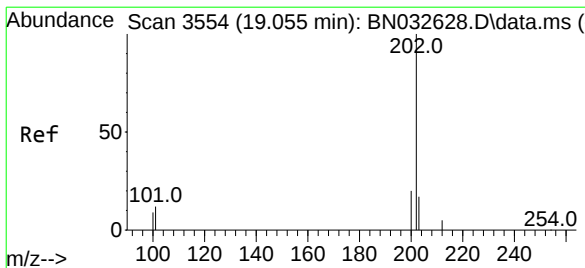
Delta R.T. 0.004 min

Lab File: BN032636.D

Acq: 11 Jul 2024 15:18

Tgt Ion:	178	Resp:	14968
Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.4	20.2
176	19.2	15.4	23.0





#19

Fluoranthene

Concen: 0.393 ng/u1

RT: 19.059 min Scan# 3555

Delta R.T. 0.005 min

Lab File: BN032636.D

Acq: 11 Jul 2024 15:18

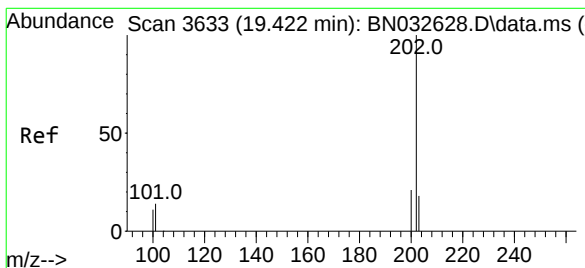
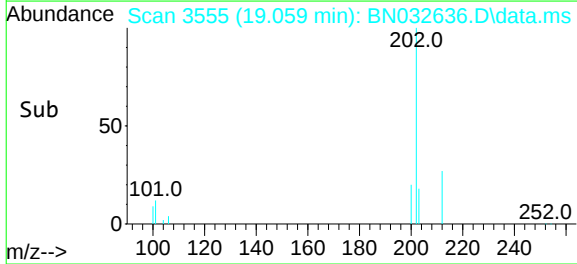
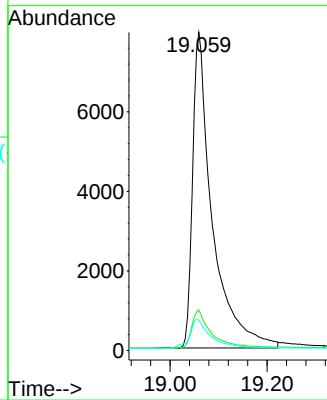
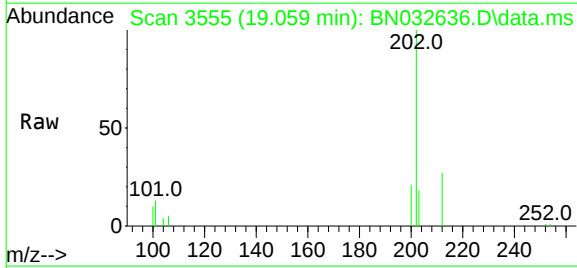
Instrument :

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Tgt	Ion:202	Resp:	22315
Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.8	14.8
100	9.5	7.9	11.9



#20

Pyrene

Concen: 0.392 ng/u1

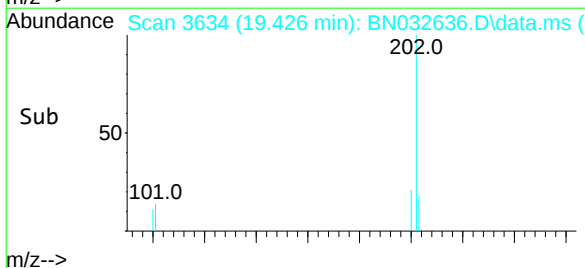
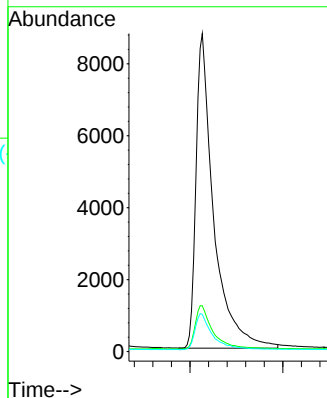
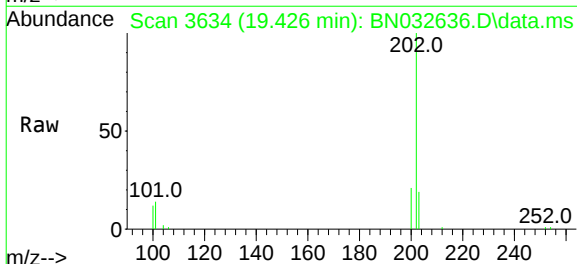
RT: 19.426 min Scan# 3634

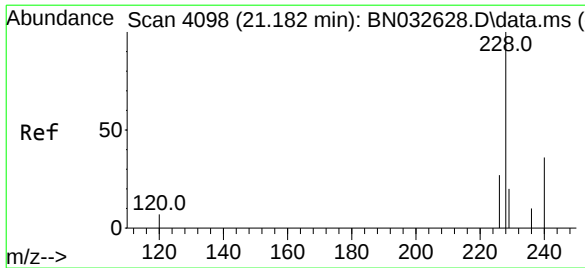
Delta R.T. 0.005 min

Lab File: BN032636.D

Acq: 11 Jul 2024 15:18

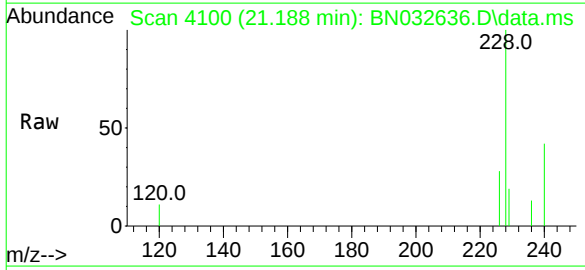
Tgt	Ion:202	Resp:	23040
Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.8	17.6
100	11.7	9.6	14.4



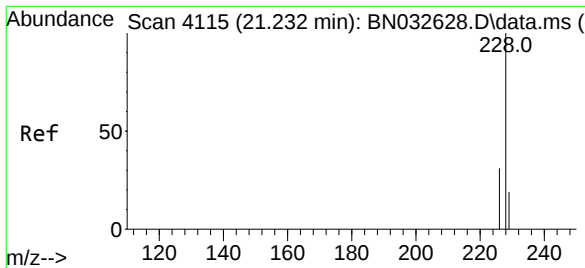
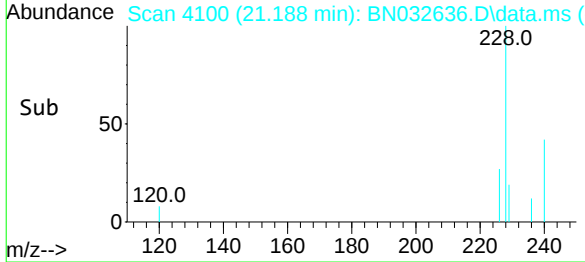
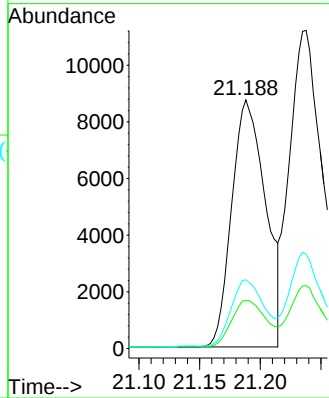


#21
Benzo(a)anthracene
Concen: 0.380 ng/u1
RT: 21.188 min Scan# 4117
Delta R.T. 0.006 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

Instrument :
BNA_N
ClientSampleId :
SSTD0.4254

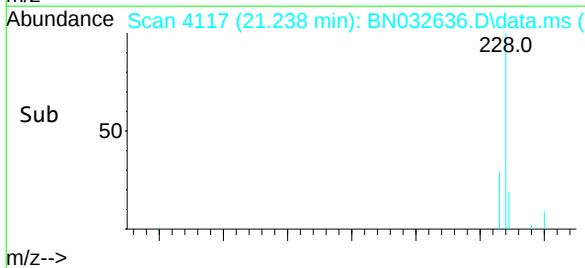
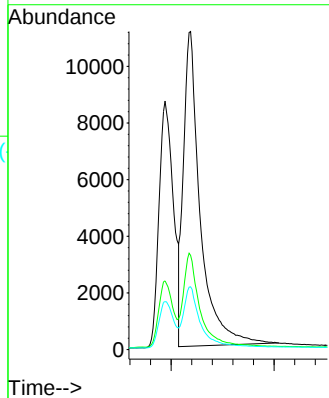
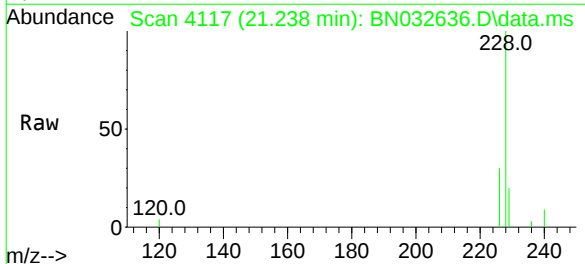


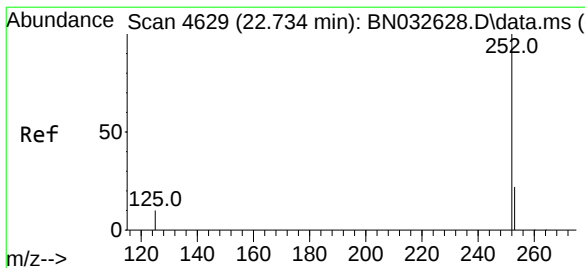
Tgt Ion:228 Resp: 16904
Ion Ratio Lower Upper
228 100
229 19.3 16.1 24.1
226 27.6 21.9 32.9



#22
Chrysene
Concen: 0.392 ng/u1
RT: 21.238 min Scan# 4117
Delta R.T. 0.006 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

Tgt Ion:228 Resp: 25248
Ion Ratio Lower Upper
228 100
226 29.6 24.0 36.0
229 19.7 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.375 ng/u1

RT: 22.740 min Scan# 46

Delta R.T. 0.006 min

Lab File: BN032636.D

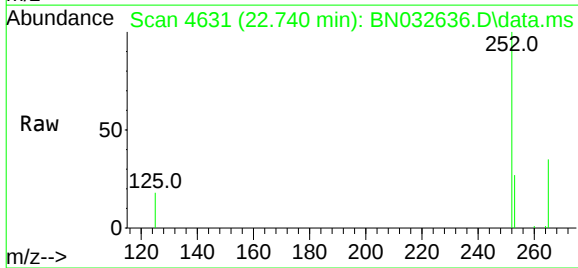
Acq: 11 Jul 2024 15:18

Instrument :

BNA_N

ClientSampleId :

SSTD0.4254



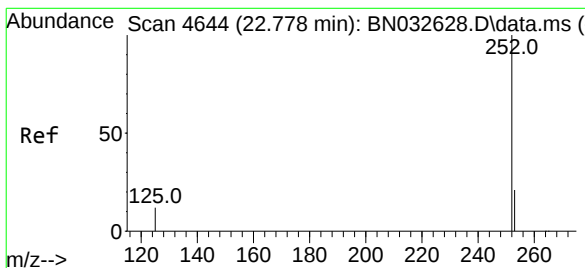
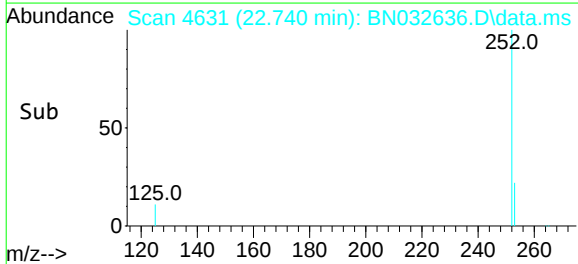
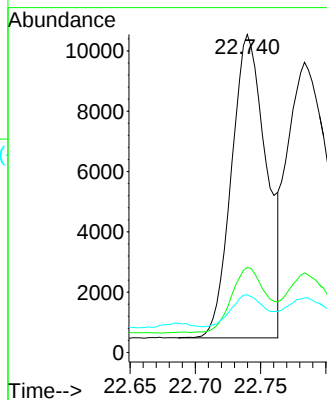
Tgt Ion:252 Resp: 18655

Ion Ratio Lower Upper

252 100

253 26.7 0.0 54.0

125 18.1 0.0 36.0



#25

Benzo(k)fluoranthene

Concen: 0.391 ng/u1

RT: 22.784 min Scan# 4646

Delta R.T. 0.006 min

Lab File: BN032636.D

Acq: 11 Jul 2024 15:18

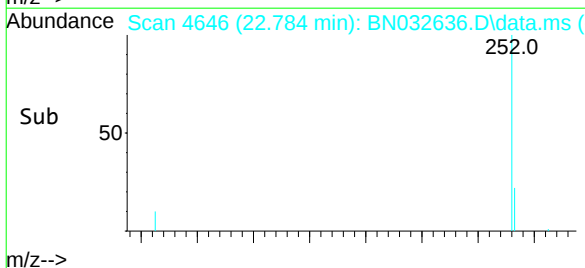
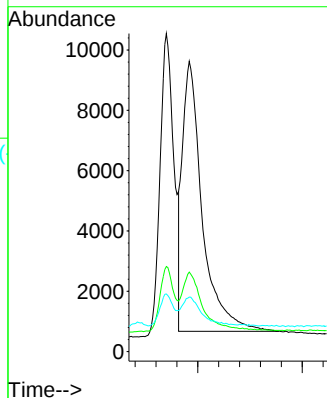
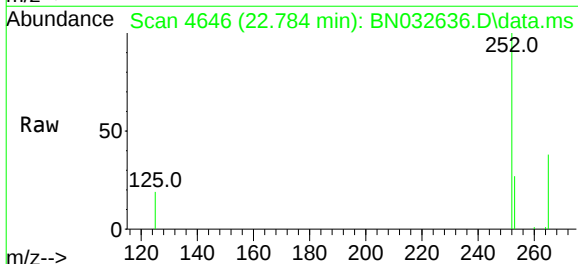
Tgt Ion:252 Resp: 23714

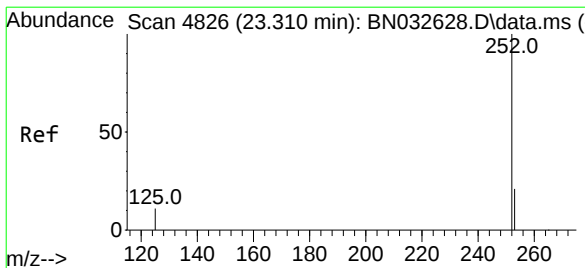
Ion Ratio Lower Upper

252 100

253 27.4 21.2 31.8

125 18.8 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.378 ng/ul

RT: 23.313 min Scan# 48

Delta R.T. 0.003 min

Lab File: BN032636.D

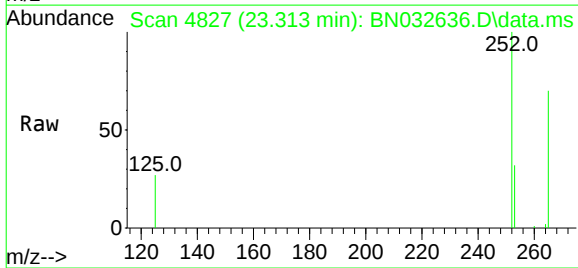
Acq: 11 Jul 2024 15:18

Instrument :

BNA_N

ClientSampleId :

SSTD0.4254



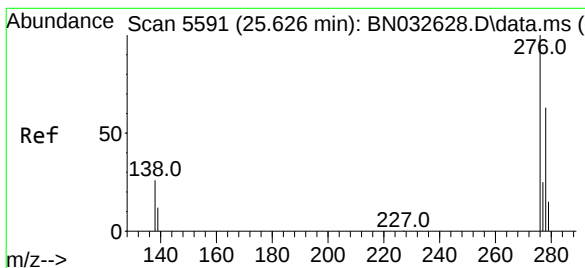
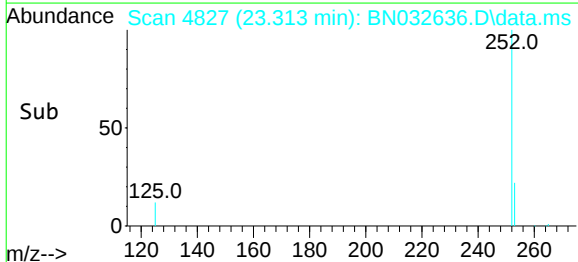
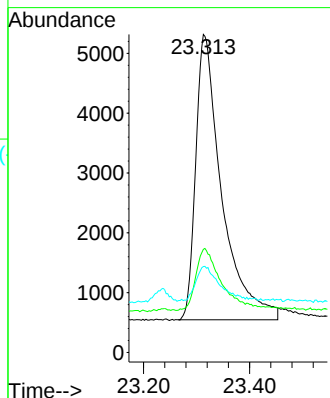
Tgt Ion:252 Resp: 16269

Ion Ratio Lower Upper

252 100

253 32.4 25.4 38.0

125 27.0 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.373 ng/ul

RT: 25.633 min Scan# 5593

Delta R.T. 0.007 min

Lab File: BN032636.D

Acq: 11 Jul 2024 15:18

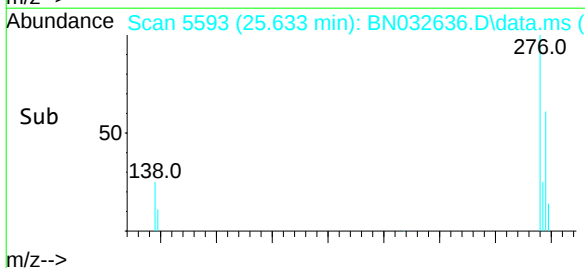
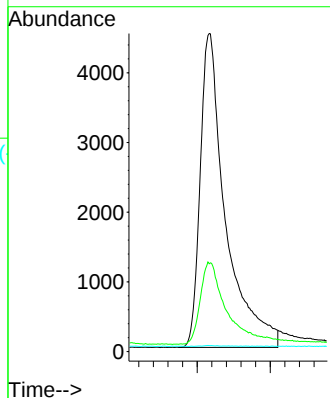
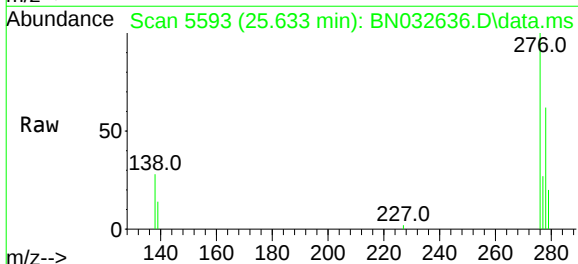
Tgt Ion:276 Resp: 21711

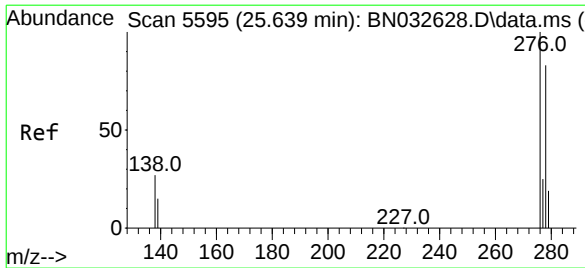
Ion Ratio Lower Upper

276 100

138 27.1 21.6 32.4

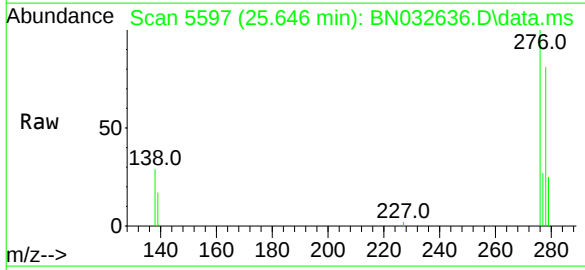
227 0.1 0.0 0.0#



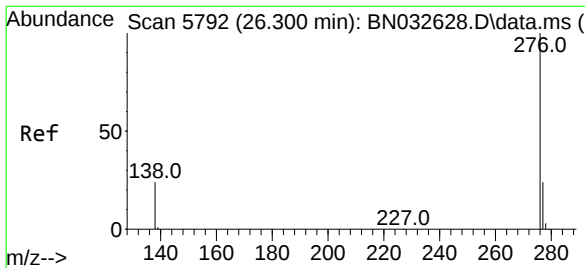
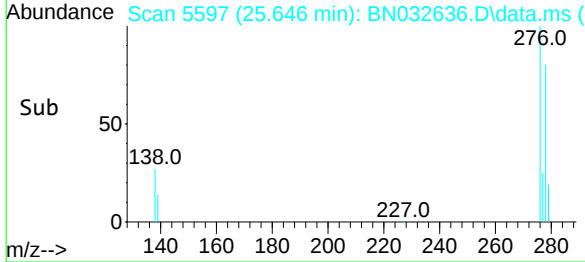
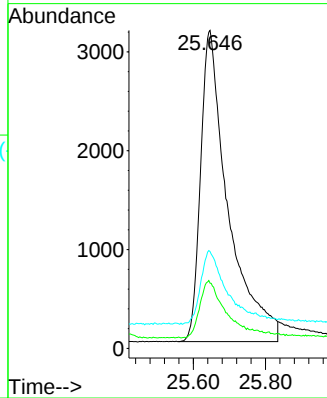


#28
Dibenzo(a,h)anthracene
Concen: 0.368 ng/ul
RT: 25.646 min Scan# 5595
Delta R.T. 0.007 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

Instrument :
BNA_N
ClientSampleId :
SSTD0.4254



Tgt Ion:278 Resp: 16640
Ion Ratio Lower Upper
278 100
139 20.5 16.6 24.8
279 30.5 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 0.372 ng/ul
RT: 26.307 min Scan# 5794
Delta R.T. 0.007 min
Lab File: BN032636.D
Acq: 11 Jul 2024 15:18

Tgt Ion:276 Resp: 18130
Ion Ratio Lower Upper
276 100
138 25.8 21.0 31.4
277 25.7 20.6 31.0

