

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032653.D
 Acq On : 12 Jul 2024 01:34
 Operator : MA/JU
 Sample : PB161826BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS826

Quant Time: Jul 12 03:20:24 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)

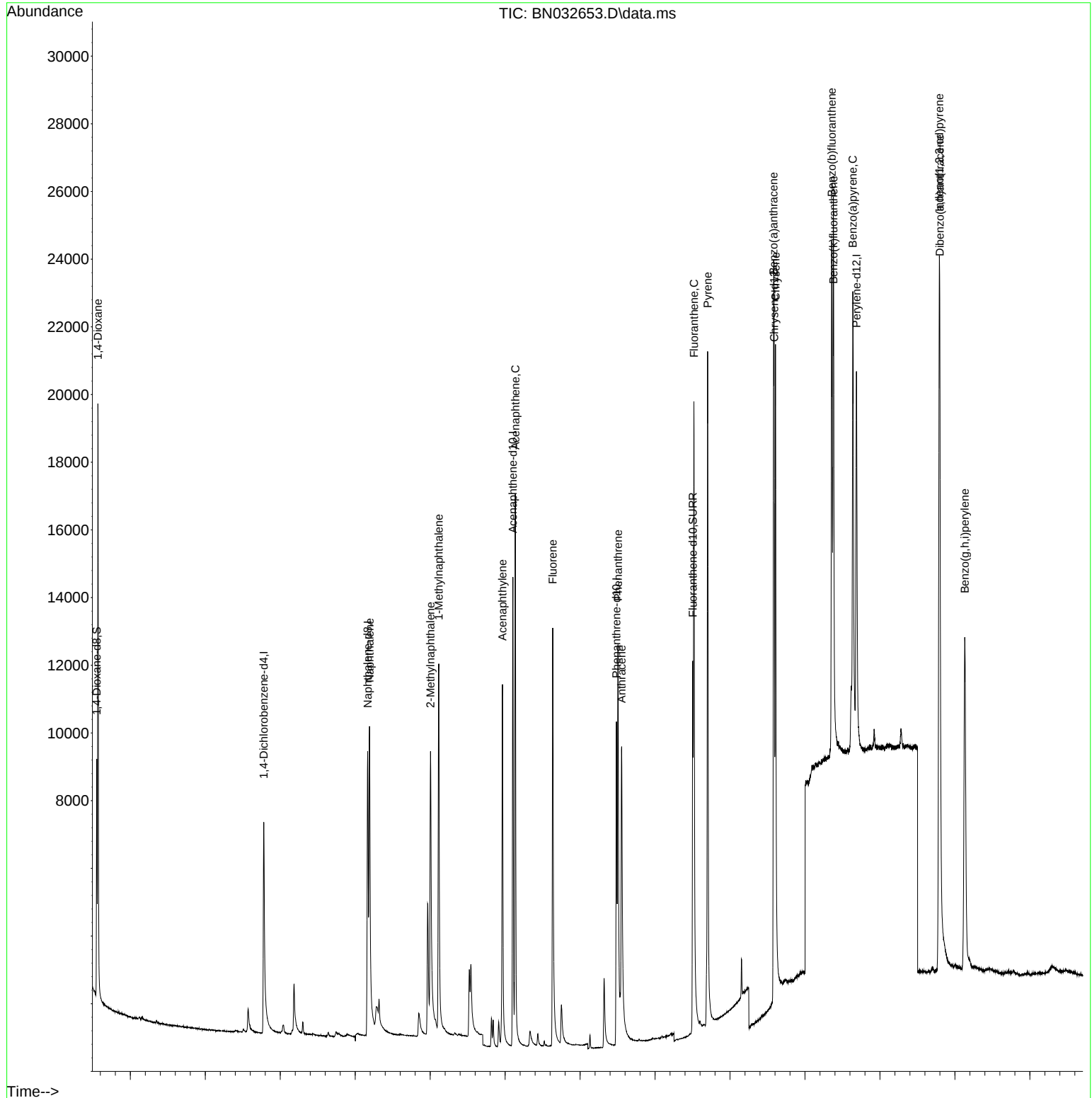
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	5535	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.332	136	16618	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	8619	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.970	188	15334	0.400	ng/ul	-0.02
17) Chrysene-d12	21.179	240	13848	0.400	ng/ul	-0.01
23) Perylene-d12	23.374	264	16810	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	4436	0.667	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	8570	0.341	ng/ul	-0.04
18) Fluoranthene-d10	19.008	212	15976	0.354	ng/ul	-0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.135	88	12190	1.610	ng/ul	91
5) Naphthalene	10.382	128	16367	0.367	ng/ul	99
7) 2-Methylnaphthalene	12.010	142	9744	0.350	ng/ul	98
8) 1-Methylnaphthalene	12.230	142	9681	0.336	ng/ul	98
10) Acenaphthylene	13.929	152	14937	0.429	ng/ul	99
11) Acenaphthene	14.272	153	10743	0.373	ng/ul	99
12) Fluorene	15.271	166	11097	0.337	ng/ul	99
14) Pentachlorophenol	16.640	266	2505	0.931	ng/ul	99
15) Phenanthrene	17.012	178	15792	0.378	ng/ul	100
16) Anthracene	17.109	178	14868	0.436	ng/ul	100
19) Fluoranthene	19.036	202	19926	0.354	ng/ul	99
20) Pyrene	19.403	202	20865	0.358	ng/ul	99
21) Benzo(a)anthracene	21.162	228	19197	0.436	ng/ul	96
22) Chrysene	21.214	228	22285	0.349	ng/ul	96
24) Benzo(b)fluoranthene	22.713	252	20646	0.348	ng/ul	90
25) Benzo(k)fluoranthene	22.757	252	24017	0.332	ng/ul#	91
26) Benzo(a)pyrene	23.278	252	21609	0.421	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.586	276	27395	0.394	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.596	278	21852	0.406	ng/ul#	94
29) Benzo(g,h,i)perylene	26.263	276	22489	0.387	ng/ul	96

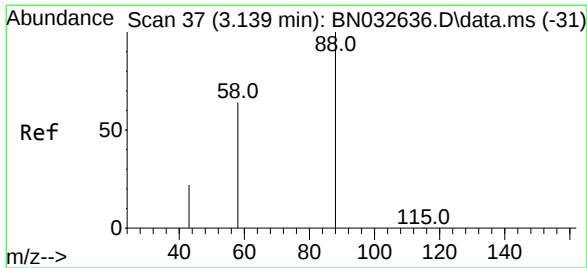
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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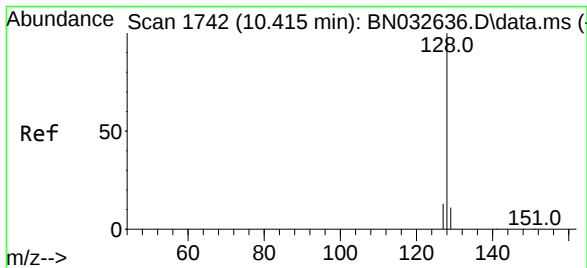
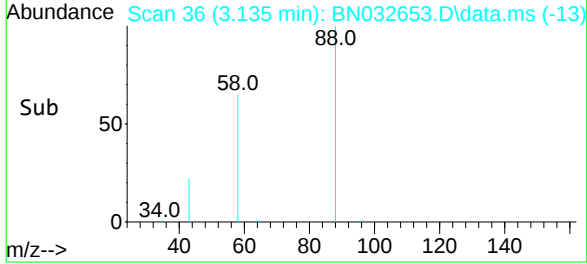
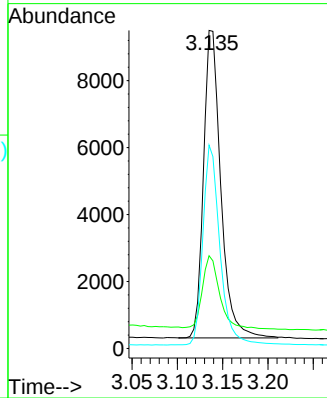
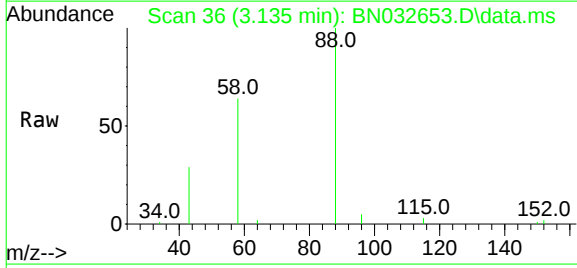




#2
1,4-Dioxane
Concen: 1.610 ng/ul
RT: 3.135 min Scan# 36
Delta R.T. -0.004 min
Lab File: BN032653.D
Acq: 12 Jul 2024 01:34

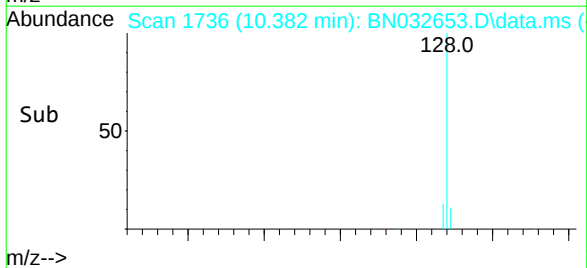
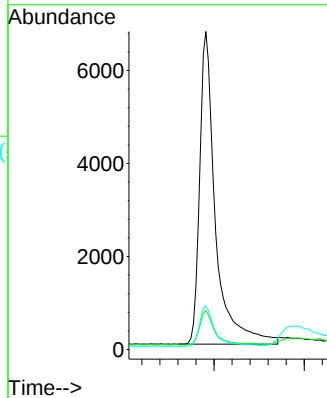
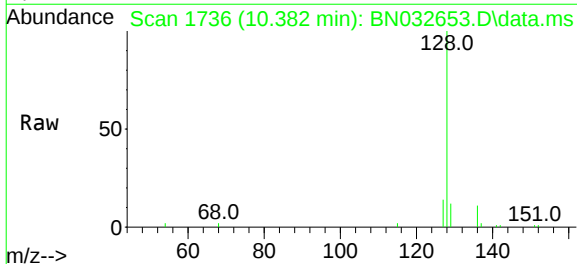
Instrument :
BNA_N
ClientSampleId :
SLCS826

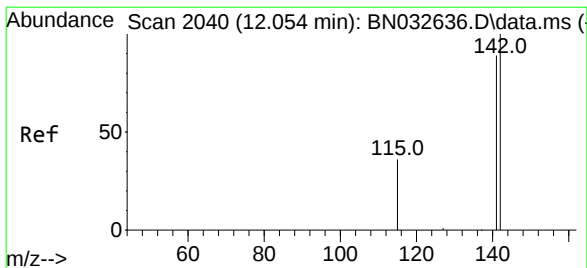
Tgt Ion: 88 Resp: 12190
Ion Ratio Lower Upper
88 100
43 29.2 24.0 36.0
58 63.9 43.3 64.9



#5
Naphthalene
Concen: 0.367 ng/ul
RT: 10.382 min Scan# 1736
Delta R.T. -0.027 min
Lab File: BN032653.D
Acq: 12 Jul 2024 01:34

Tgt Ion: 128 Resp: 16367
Ion Ratio Lower Upper
128 100
129 12.2 10.0 15.0
127 13.8 11.6 17.4





#7

2-Methylnaphthalene

Concen: 0.350 ng/ul

RT: 12.010 min Scan# 20

Delta R.T. -0.038 min

Lab File: BN032653.D

Acq: 12 Jul 2024 01:34

Instrument :

BNA_N

ClientSampleId :

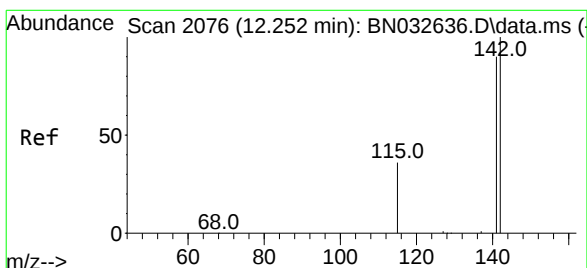
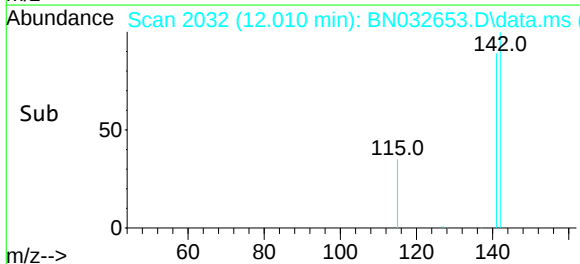
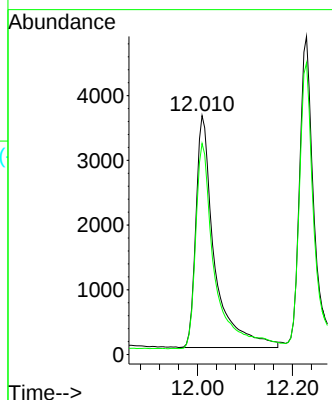
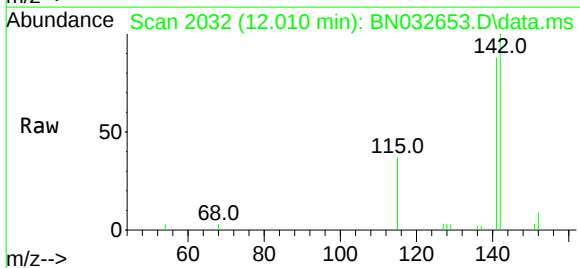
SLCS826

Tgt Ion:142 Resp: 9744

Ion Ratio Lower Upper

142 100

141 91.0 74.0 111.0



#8

1-Methylnaphthalene

Concen: 0.336 ng/ul

RT: 12.230 min Scan# 2072

Delta R.T. -0.016 min

Lab File: BN032653.D

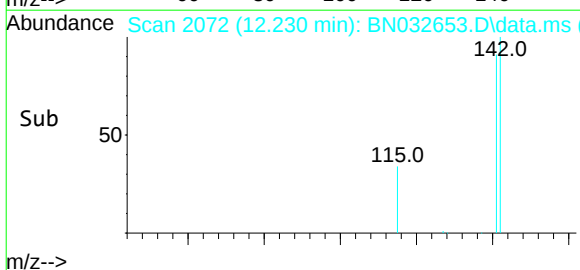
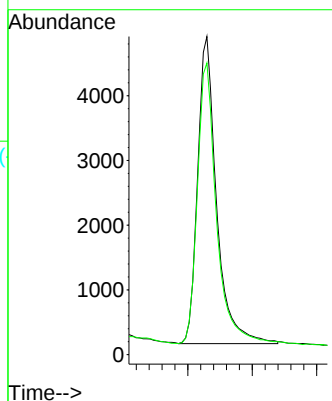
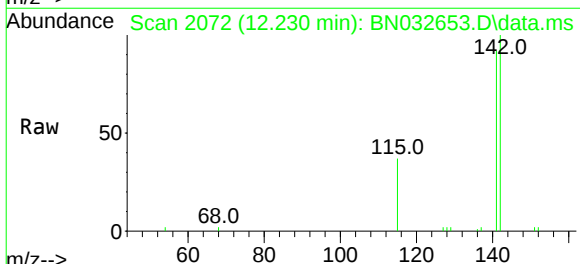
Acq: 12 Jul 2024 01:34

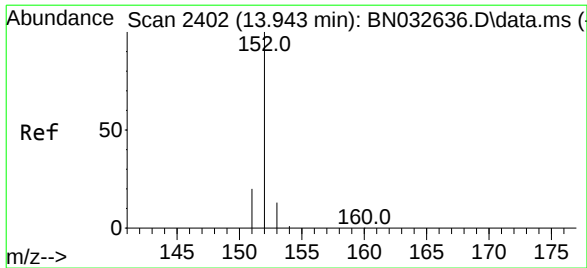
Tgt Ion:142 Resp: 9681

Ion Ratio Lower Upper

142 100

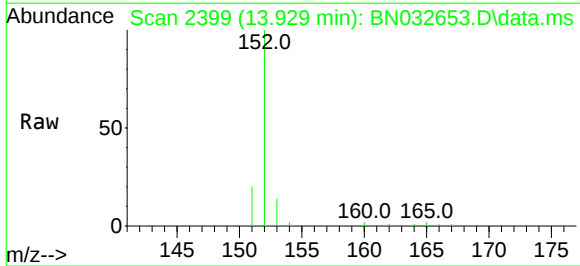
141 91.9 75.0 112.4



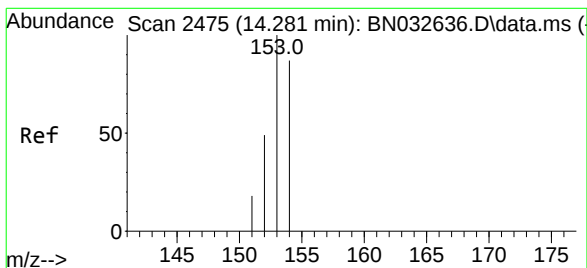
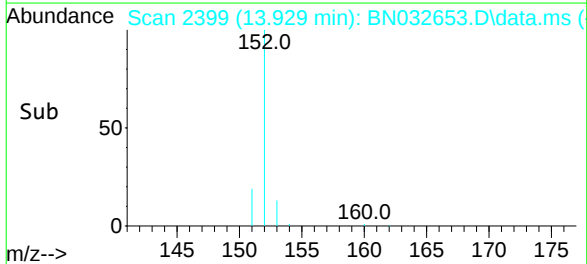
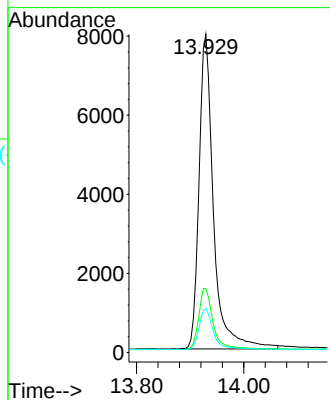


#10
Acenaphthylene
Concen: 0.429 ng/ul
RT: 13.929 min Scan# 2399
Delta R.T. -0.014 min
Lab File: BN032653.D
Acq: 12 Jul 2024 01:34

Instrument :
BNA_N
ClientSampleId :
SLCS826

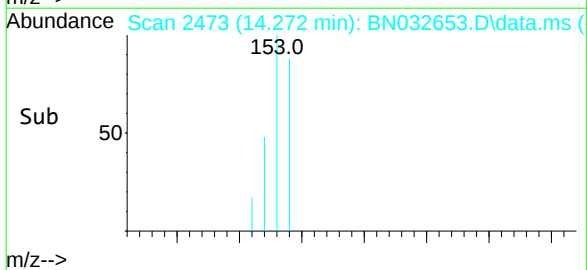
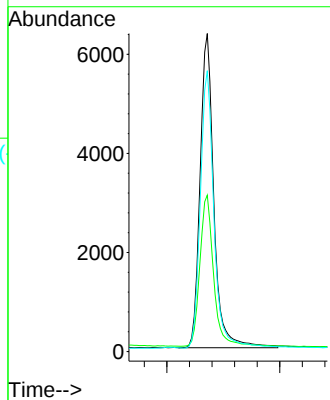
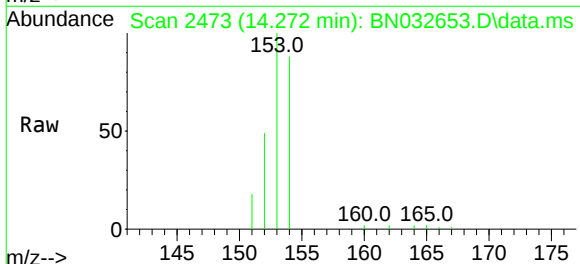


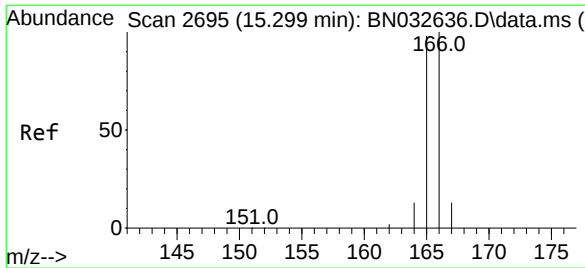
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.9	11.3	16.9



#11
Acenaphthene
Concen: 0.373 ng/ul
RT: 14.272 min Scan# 2473
Delta R.T. -0.009 min
Lab File: BN032653.D
Acq: 12 Jul 2024 01:34

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.2	40.0	60.0
154	88.3	70.2	105.4





#12

Fluorene

Concen: 0.337 ng/u1

RT: 15.271 min Scan# 2689

Delta R.T. -0.018 min

Lab File: BN032653.D

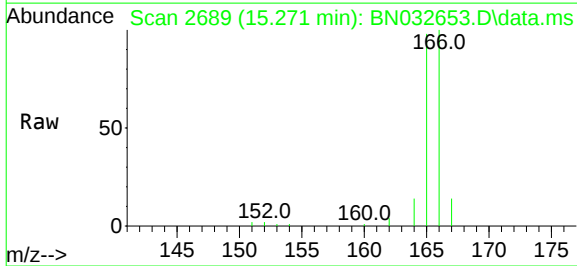
Acq: 12 Jul 2024 01:34

Instrument :

BNA_N

ClientSampleId :

SLCS826



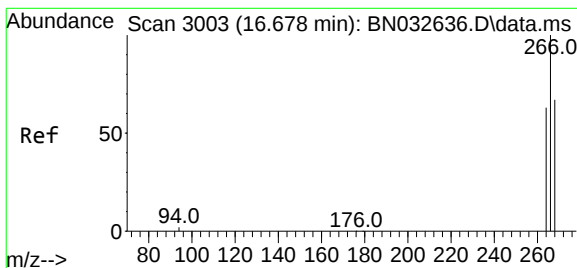
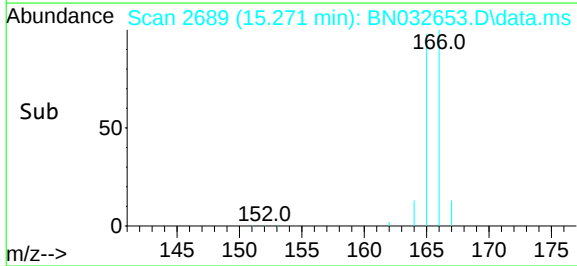
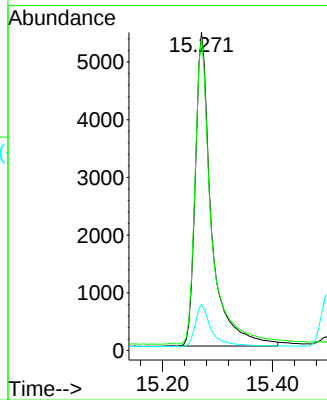
Tgt Ion:166 Resp: 11097

Ion Ratio Lower Upper

166 100

165 98.3 79.7 119.5

167 14.5 11.4 17.2



#14

Pentachlorophenol

Concen: 0.931 ng/u1

RT: 16.640 min Scan# 2994

Delta R.T. -0.030 min

Lab File: BN032653.D

Acq: 12 Jul 2024 01:34

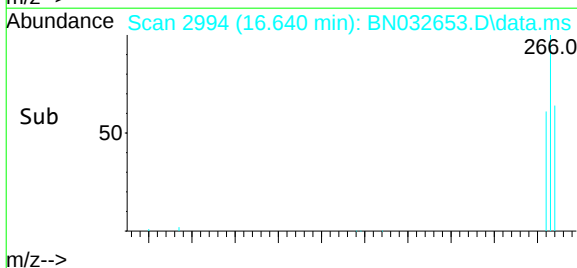
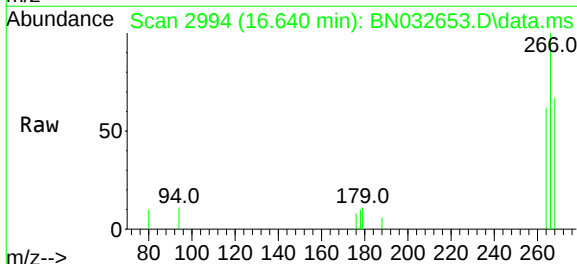
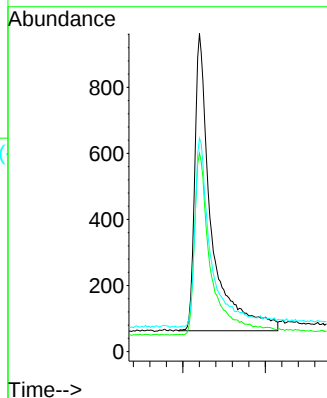
Tgt Ion:266 Resp: 2505

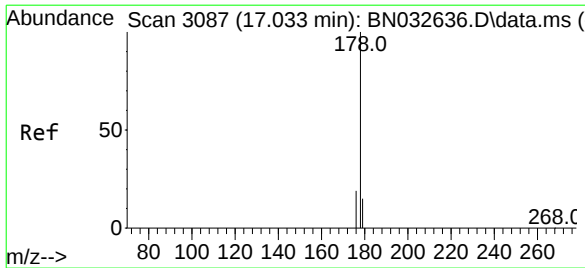
Ion Ratio Lower Upper

266 100

264 62.6 49.4 74.2

268 65.0 51.6 77.4





#15

Phenanthrene

Concen: 0.378 ng/u1

RT: 17.012 min Scan# 3087

Delta R.T. -0.017 min

Lab File: BN032653.D

Acq: 12 Jul 2024 01:34

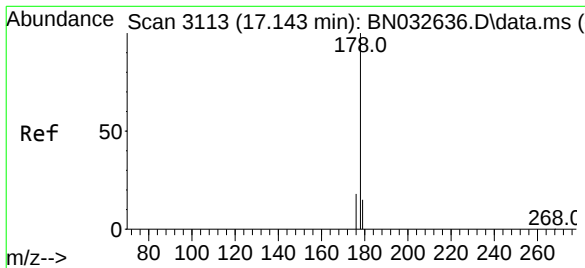
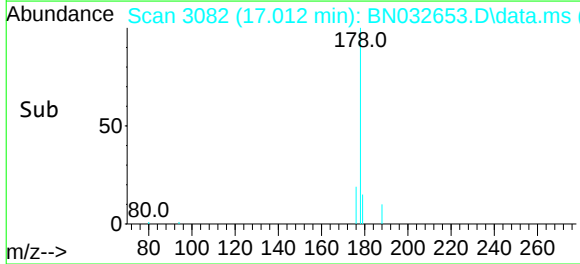
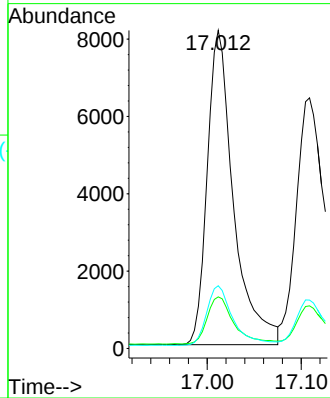
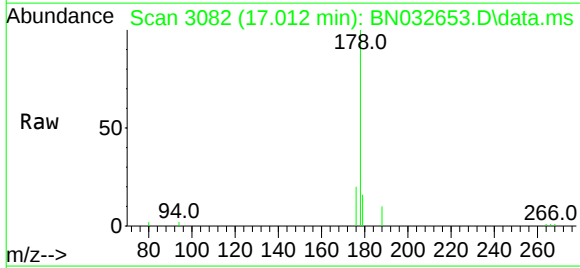
Instrument :

BNA_N

ClientSampleId :

SLCS826

Tgt Ion:	178	Resp:	15792
Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.4
176	19.7	15.6	23.4



#16

Anthracene

Concen: 0.436 ng/u1

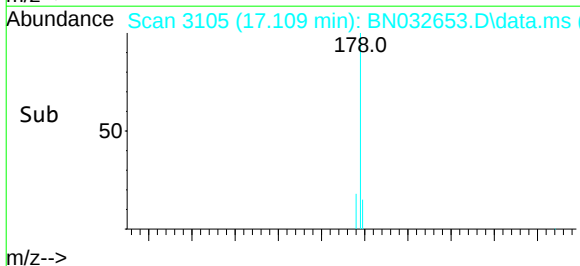
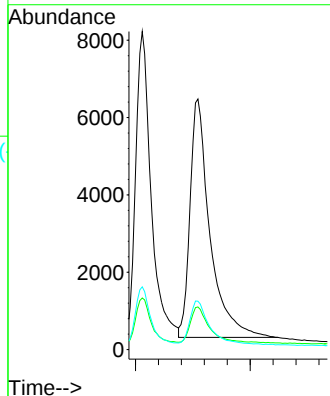
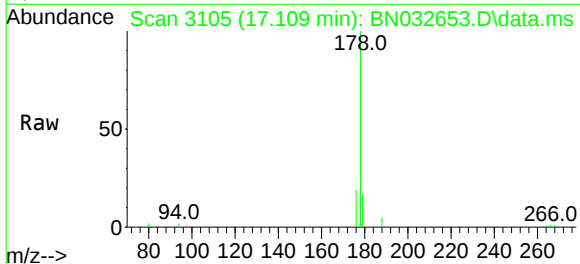
RT: 17.109 min Scan# 3105

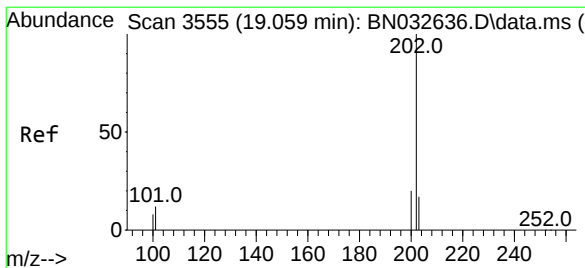
Delta R.T. -0.030 min

Lab File: BN032653.D

Acq: 12 Jul 2024 01:34

Tgt Ion:	178	Resp:	14868
Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.4	20.2
176	19.3	15.4	23.0





#19

Fluoranthene

Concen: 0.354 ng/u1

RT: 19.036 min Scan# 3555

Delta R.T. -0.019 min

Lab File: BN032653.D

Acq: 12 Jul 2024 01:34

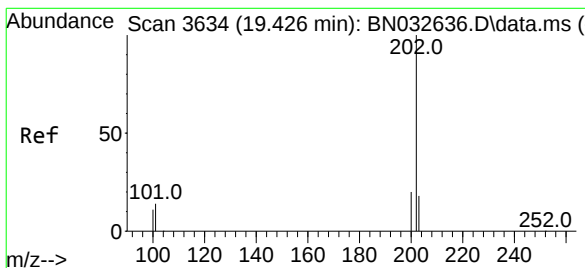
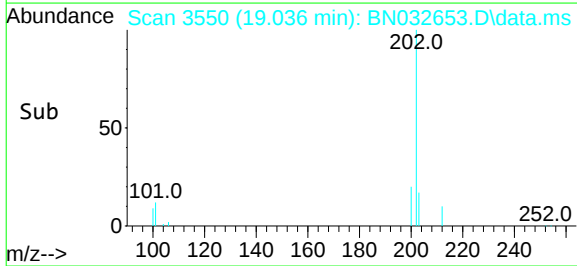
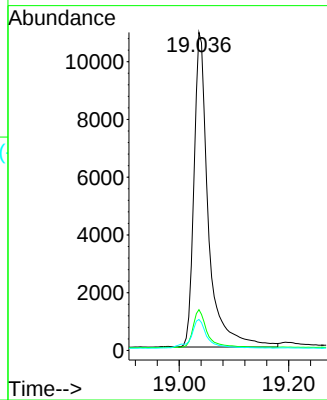
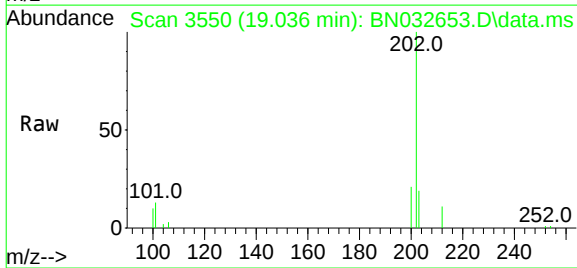
Instrument :

BNA_N

ClientSampleId :

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Tgt	Ion:202	Resp:	19926
Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.8	14.8
100	9.8	7.9	11.9



#20

Pyrene

Concen: 0.358 ng/u1

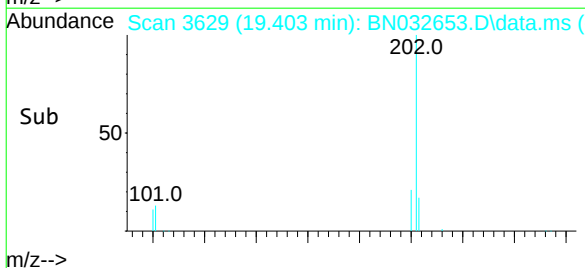
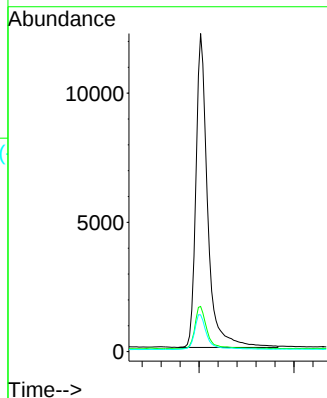
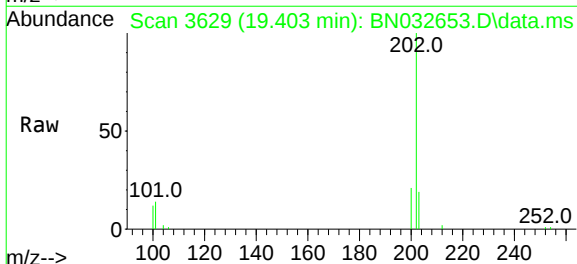
RT: 19.403 min Scan# 3629

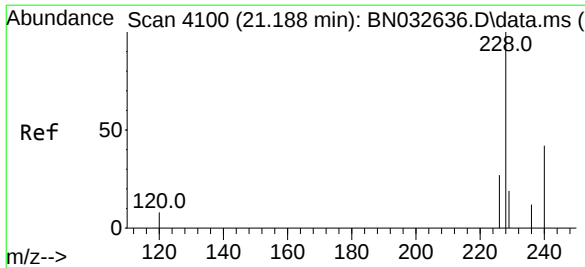
Delta R.T. -0.019 min

Lab File: BN032653.D

Acq: 12 Jul 2024 01:34

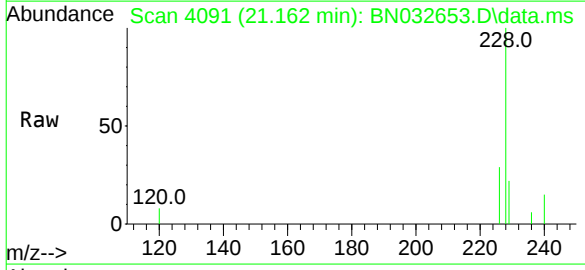
Tgt	Ion:202	Resp:	20865
Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.8	17.6
100	11.5	9.6	14.4



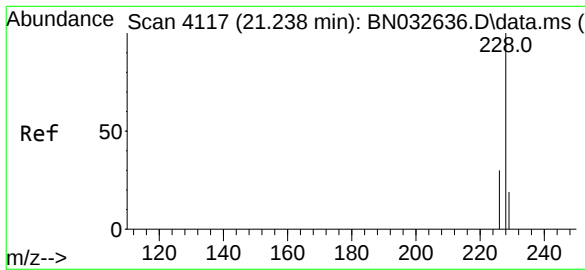
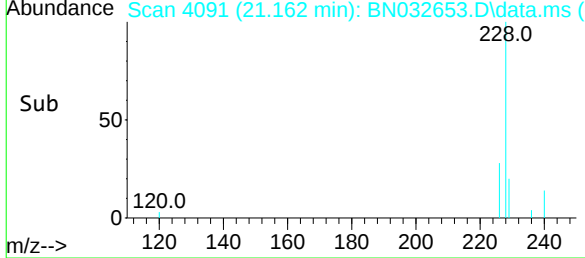
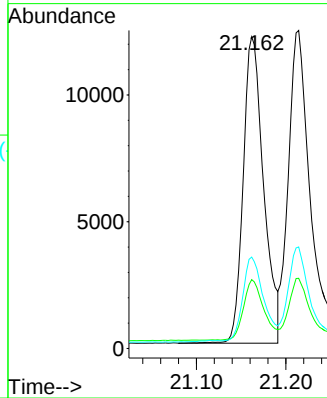


#21
Benzo(a)anthracene
Concen: 0.436 ng/u1
RT: 21.162 min Scan# 4091
Delta R.T. -0.020 min
Lab File: BN032653.D
Acq: 12 Jul 2024 01:34

Instrument :
BNA_N
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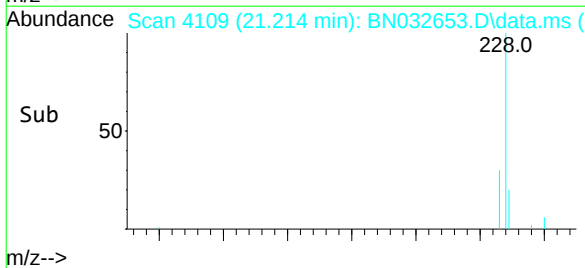
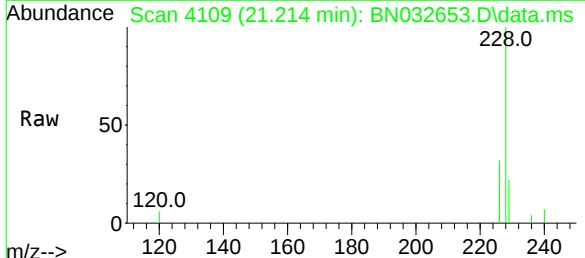
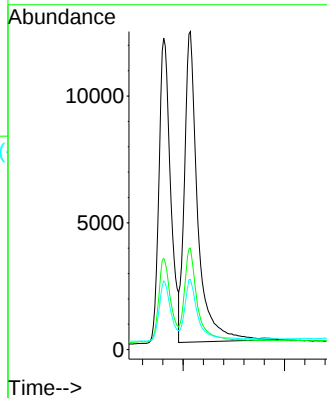


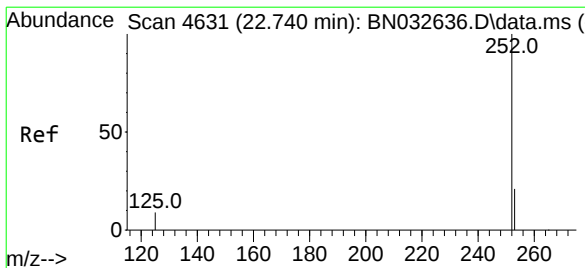
Tgt Ion:	228	Resp:	19197
Ion Ratio	Lower	Upper	
228	100		
229	22.1	16.1	24.1
226	29.3	21.9	32.9



#22
Chrysene
Concen: 0.349 ng/u1
RT: 21.214 min Scan# 4109
Delta R.T. -0.018 min
Lab File: BN032653.D
Acq: 12 Jul 2024 01:34

Tgt Ion:	228	Resp:	22285
Ion Ratio	Lower	Upper	
228	100		
226	31.9	24.0	36.0
229	22.1	15.8	23.6





#24

Benzo(b)fluoranthene

Concen: 0.348 ng/u1

RT: 22.713 min Scan# 46

Delta R.T. -0.020 min

Lab File: BN032653.D

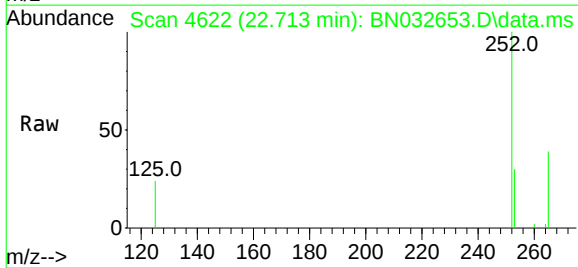
Acq: 12 Jul 2024 01:34

Instrument :

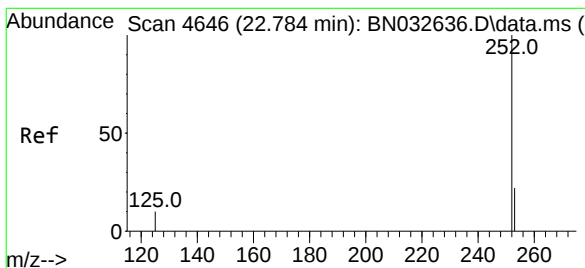
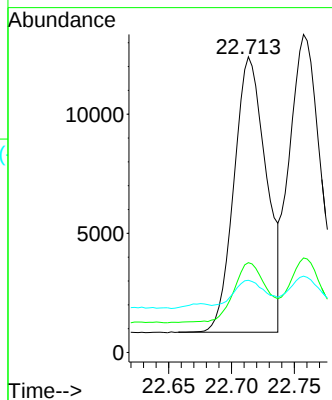
BNA_N

ClientSampleId :

SLCS826



Tgt Ion:	252	Resp:	20646
Ion	Ratio	Lower	Upper
252	100		
253	30.4	0.0	54.0
125	24.4	0.0	36.0



#25

Benzo(k)fluoranthene

Concen: 0.332 ng/u1

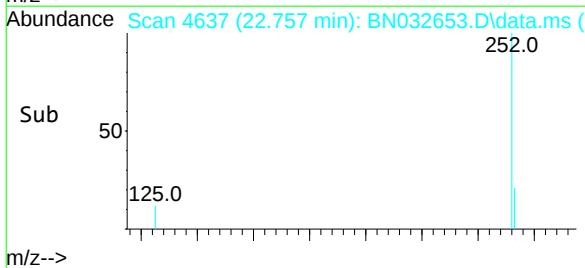
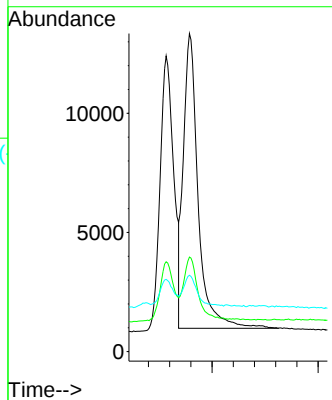
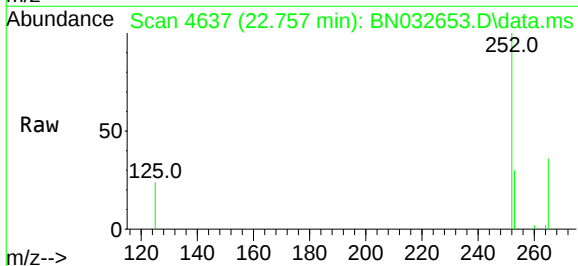
RT: 22.757 min Scan# 4637

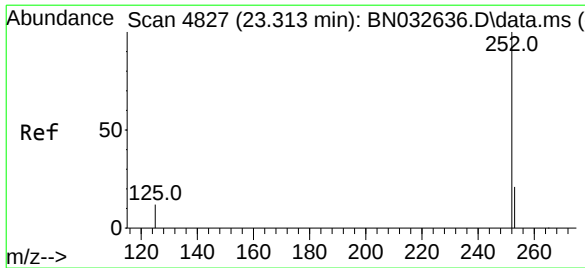
Delta R.T. -0.020 min

Lab File: BN032653.D

Acq: 12 Jul 2024 01:34

Tgt Ion:	252	Resp:	24017
Ion	Ratio	Lower	Upper
252	100		
253	29.7	21.2	31.8
125	24.0	14.8	22.2#





#26

Benzo(a)pyrene

Concen: 0.421 ng/ul

RT: 23.278 min Scan# 48

Delta R.T. -0.032 min

Lab File: BN032653.D

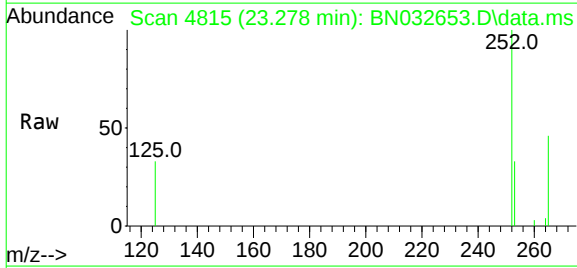
Acq: 12 Jul 2024 01:34

Instrument :

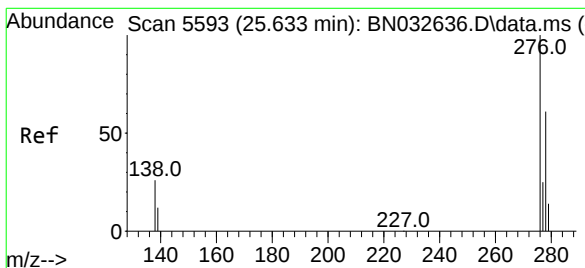
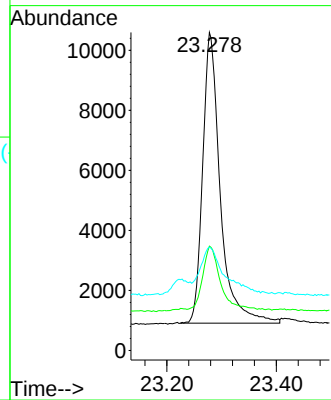
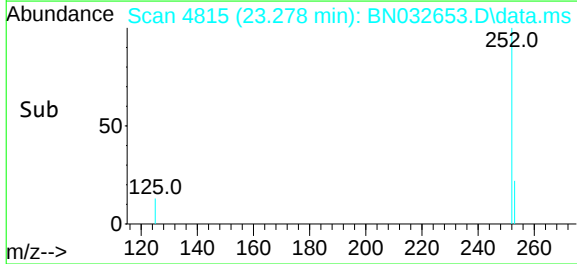
BNA_N

ClientSampleId :

SLCS826



Tgt Ion:	252	Resp:	21609
Ion	Ratio	Lower	Upper
252	100		
253	32.8	25.4	38.0
125	32.5	20.6	30.8



#27

Indeno(1,2,3-cd)pyrene

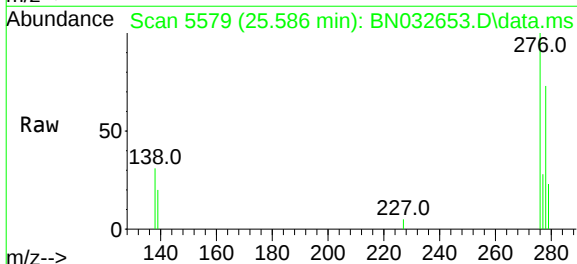
Concen: 0.394 ng/ul

RT: 25.586 min Scan# 5579

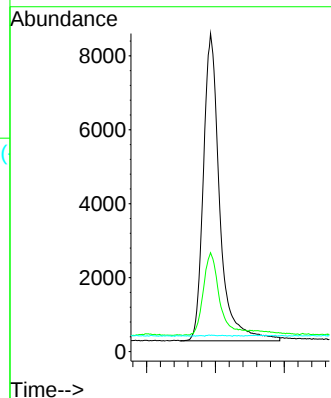
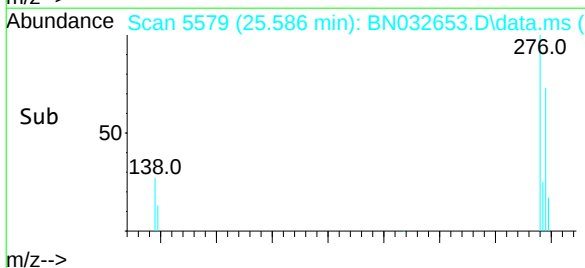
Delta R.T. -0.040 min

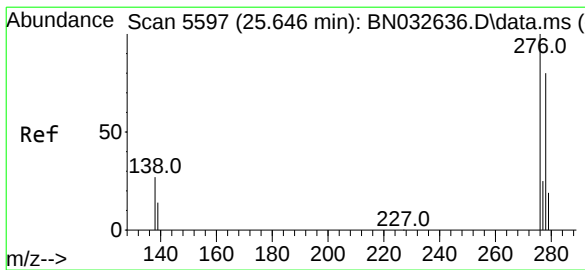
Lab File: BN032653.D

Acq: 12 Jul 2024 01:34



Tgt Ion:	276	Resp:	27395
Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.6	32.4
227	0.2	0.0	0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.406 ng/ul

RT: 25.596 min Scan# 55

Delta R.T. -0.044 min

Lab File: BN032653.D

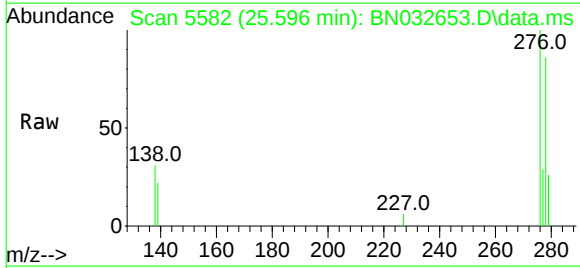
Acq: 12 Jul 2024 01:34

Instrument :

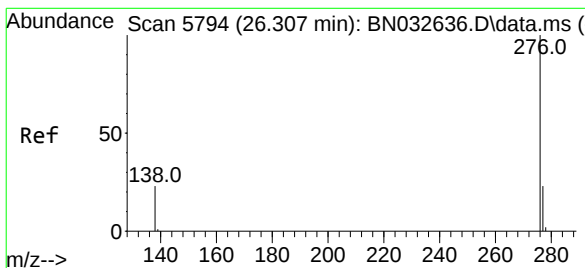
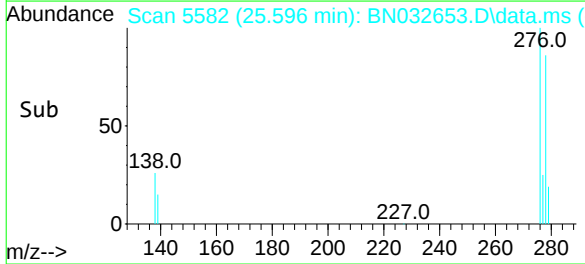
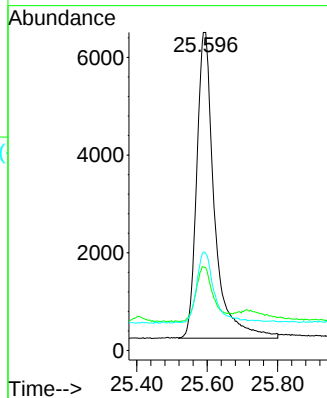
BNA_N

ClientSampleId :

SLCS826



Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.0	16.6	24.8#
279	30.5	23.7	35.5



#29

Benzo(g,h,i)perylene

Concen: 0.387 ng/ul

RT: 26.263 min Scan# 5781

Delta R.T. -0.037 min

Lab File: BN032653.D

Acq: 12 Jul 2024 01:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	21.0	31.4
277	27.8	20.6	31.0

