

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
 Data File : BN036253.D
 Acq On : 04 Feb 2025 06:14
 Operator : RC/JU
 Sample : PB166394BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS394

Quant Time: Feb 04 08:35:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 12:27:24 2025
 Response via : Initial Calibration

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

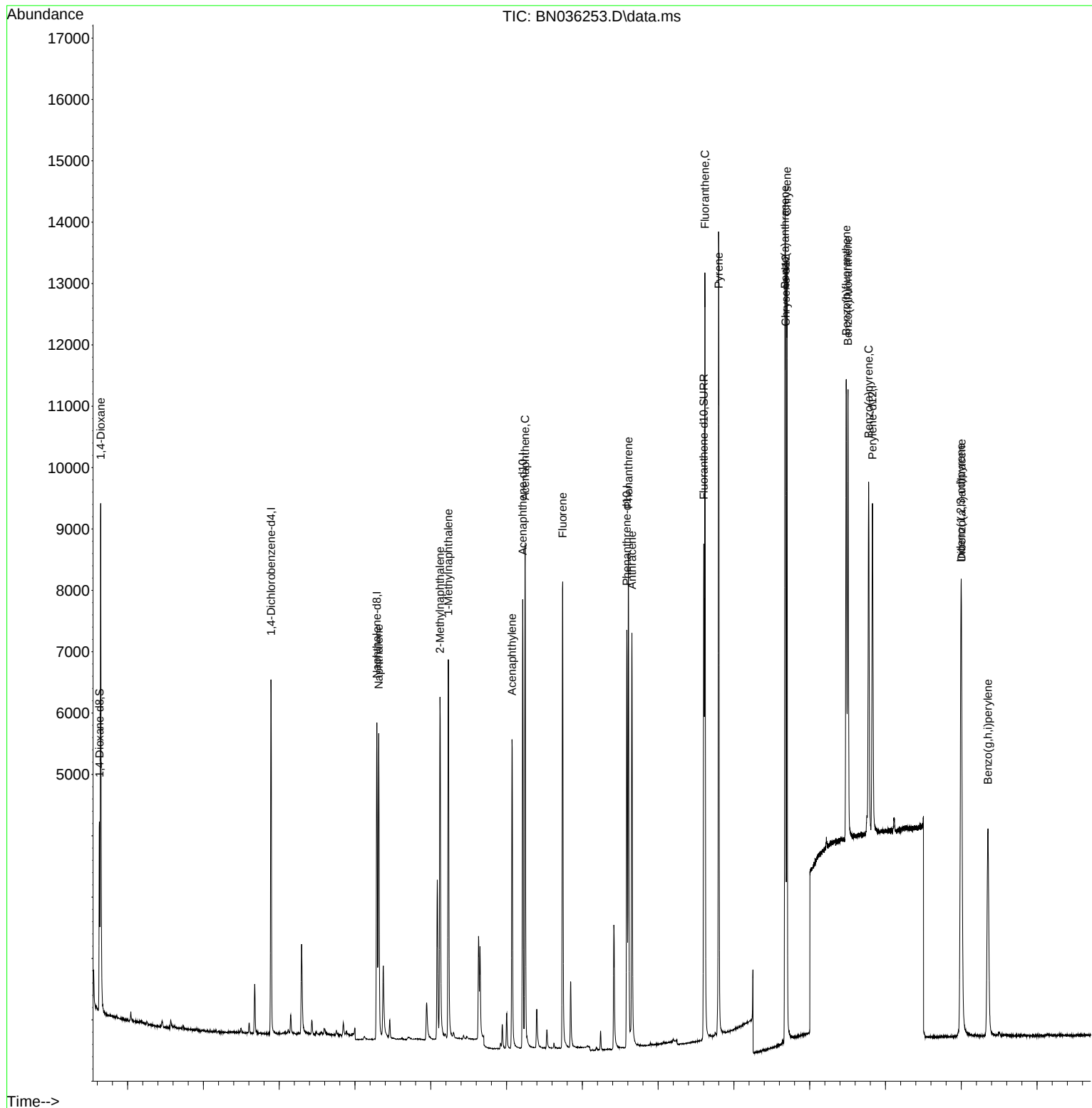
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.783	152	2942	0.400	ng/ul	0.00
4) Naphthalene-d8	10.578	136	7258	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.427	164	4208	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.174	188	8803	0.400	ng/ul	0.00
17) Chrysene-d12	21.366	240	8616	0.400	ng/ul	0.00
23) Perylene-d12	23.657	264	7530	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	1860	0.577	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.172	152	3720	0.406	ng/ul	0.00
18) Fluoranthene-d10	19.206	212	9319	0.394	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	5281	1.536	ng/ul	89
5) Naphthalene	10.627	128	7085	0.354	ng/ul	99
7) 2-Methylnaphthalene	12.244	142	4457	0.359	ng/ul	100
8) 1-Methylnaphthalene	12.464	142	4528	0.359	ng/ul	99
10) Acenaphthylene	14.144	152	6289	0.317	ng/ul	98
11) Acenaphthene	14.491	153	4997	0.342	ng/ul	98
12) Fluorene	15.481	166	5369	0.333	ng/ul	99
14) Pentachlorophenol	16.832	266	1628	0.528	ng/ul	99
15) Phenanthrene	17.216	178	8847	0.343	ng/ul	99
16) Anthracene	17.309	178	7801	0.326	ng/ul	99
19) Fluoranthene	19.234	202	11326	0.346	ng/ul	96
20) Pyrene	19.596	202	11874	0.347	ng/ul#	94
21) Benzo(a)anthracene	21.348	228	10632	0.346	ng/ul	100
22) Chrysene	21.398	228	11177	0.356	ng/ul	99
24) Benzo(b)fluoranthene	22.964	252	9715	0.387	ng/ul	89
25) Benzo(k)fluoranthene	23.011	252	9786	0.370	ng/ul#	91
26) Benzo(a)pyrene	23.555	252	8282	0.365	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.991	276	9519	0.317	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.004	278	7497	0.324	ng/ul	94
29) Benzo(g,h,i)perylene	26.705	276	7419	0.318	ng/ul	96

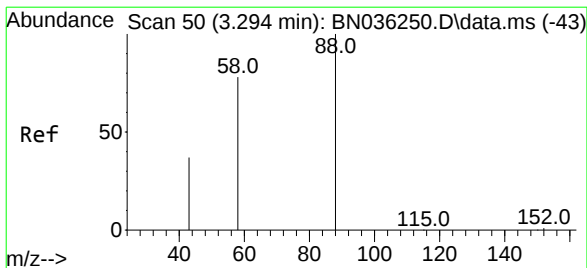
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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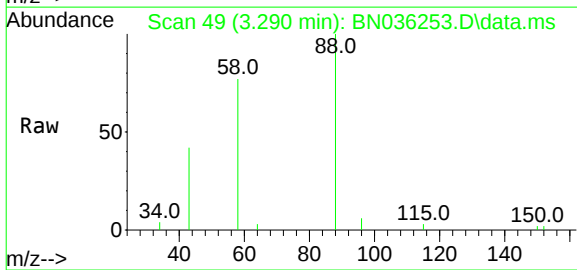
Quant Time: Feb 04 08:35:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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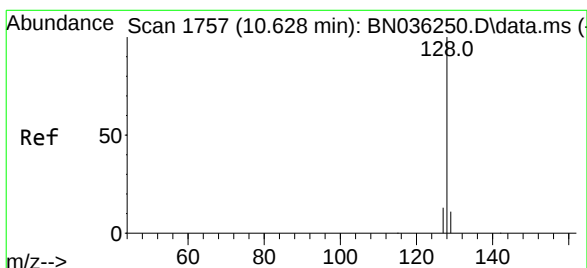
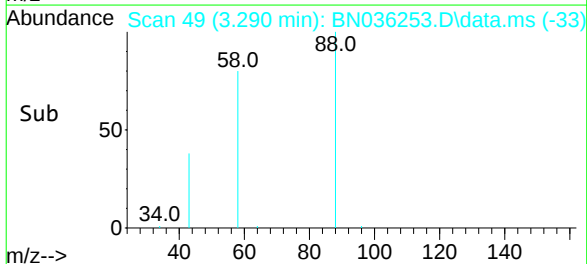
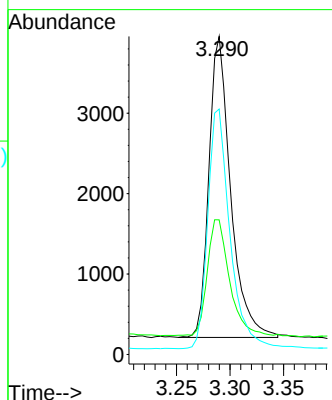


#2
1,4-Dioxane
Concen: 1.536 ng/ul
RT: 3.290 min Scan# 49
Delta R.T. -0.003 min
Lab File: BN036253.D
Acq: 04 Feb 2025 06:14

Instrument :
BNA_N
ClientSampleId :
SLCS394

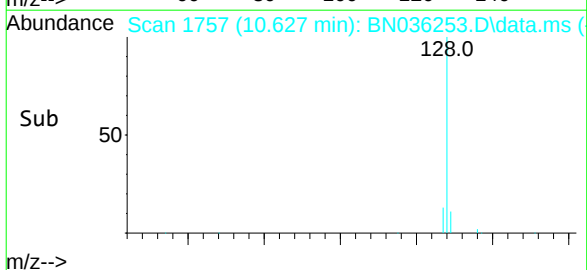
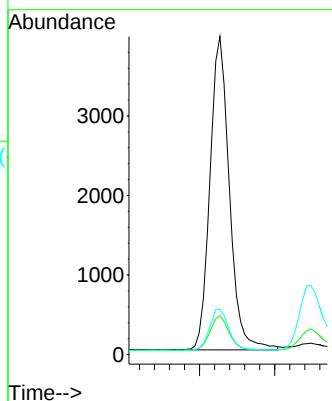
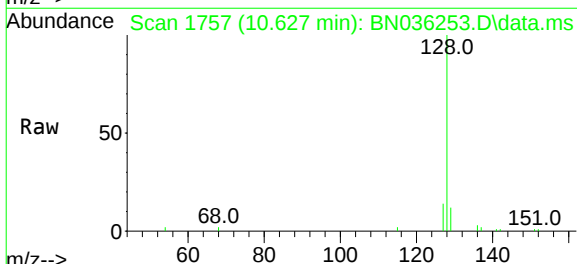


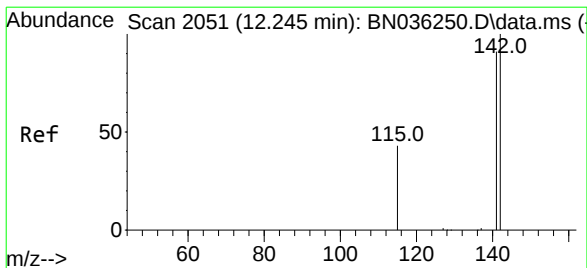
Tgt Ion: 88 Resp: 5281
Ion Ratio Lower Upper
88 100
43 42.3 40.7 61.1
58 77.2 55.2 82.8



#5
Naphthalene
Concen: 0.354 ng/ul
RT: 10.627 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BN036253.D
Acq: 04 Feb 2025 06:14

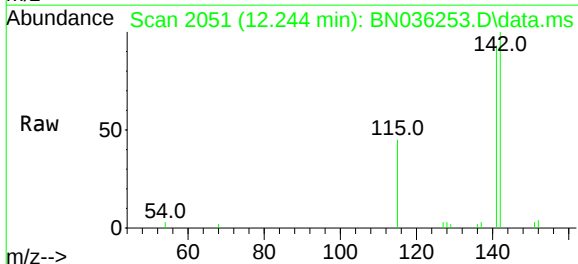
Tgt Ion: 128 Resp: 7085
Ion Ratio Lower Upper
128 100
129 12.2 9.6 14.4
127 14.2 12.0 18.0



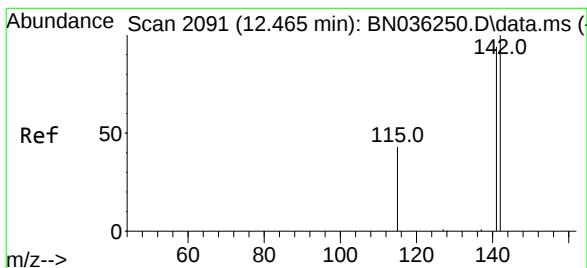
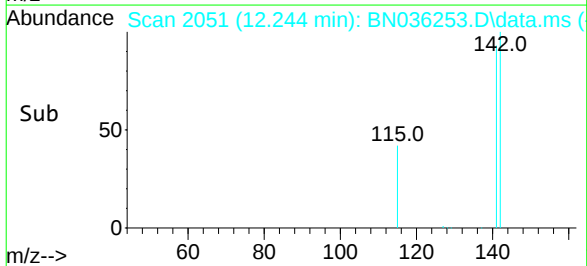
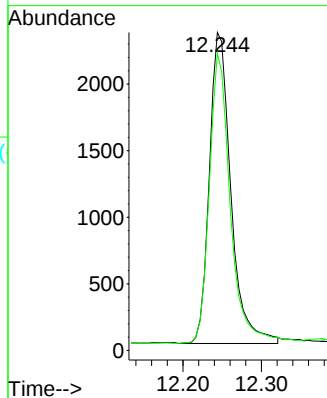


#7
2-Methylnaphthalene
Concen: 0.359 ng/u1
RT: 12.244 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BN036253.D
Acq: 04 Feb 2025 06:14

Instrument :
BNA_N
ClientSampleId :
SLCS394

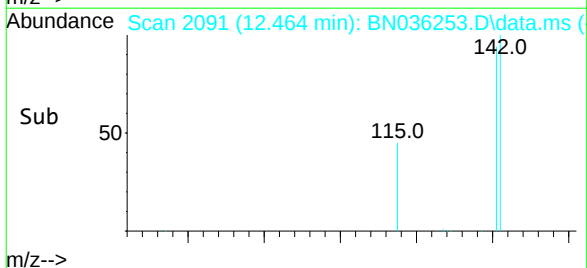
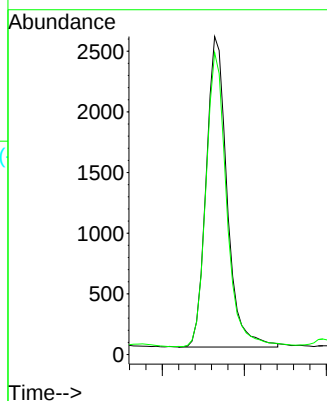
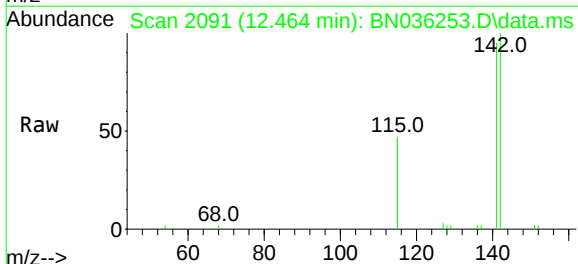


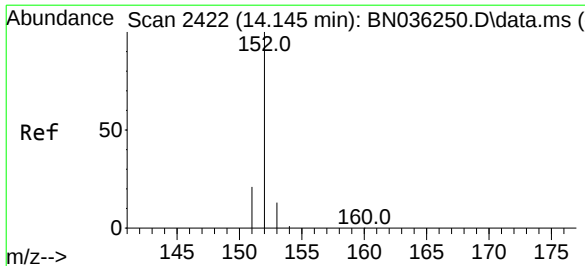
Tgt Ion:142 Resp: 4457
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.359 ng/u1
RT: 12.464 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN036253.D
Acq: 04 Feb 2025 06:14

Tgt Ion:142 Resp: 4528
Ion Ratio Lower Upper
142 100
141 93.4 75.2 112.8





#10

Acenaphthylene

Concen: 0.317 ng/ul

RT: 14.144 min Scan# 24

Delta R.T. -0.000 min

Lab File: BN036253.D

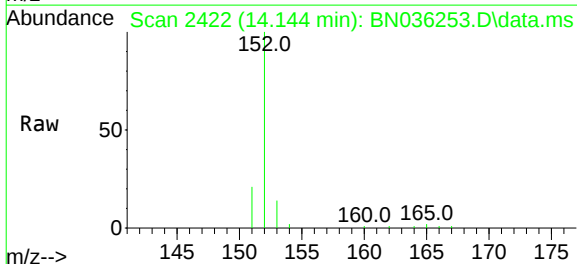
Acq: 04 Feb 2025 06:14

Instrument :

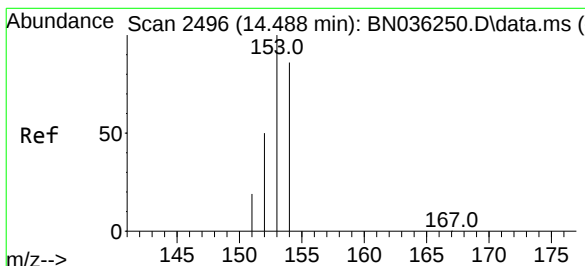
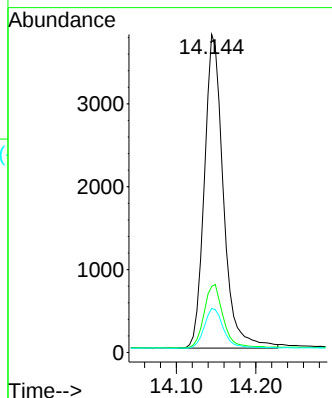
BNA_N

ClientSampleId :

SLCS394



Tgt Ion:	152	Resp:	6289
Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.4	26.2
153	13.9	11.9	17.9



#11

Acenaphthene

Concen: 0.342 ng/ul

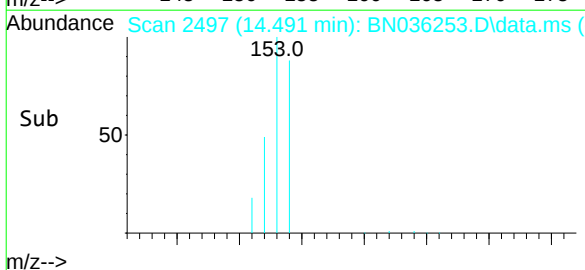
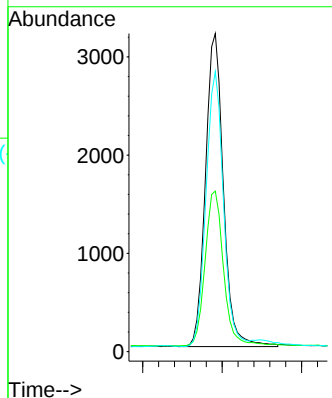
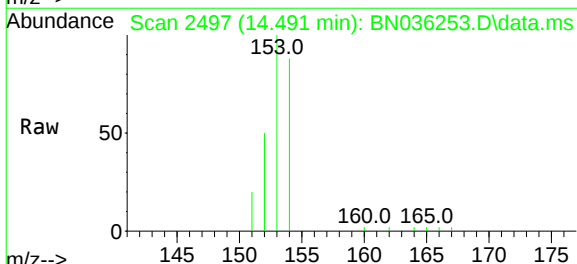
RT: 14.491 min Scan# 2497

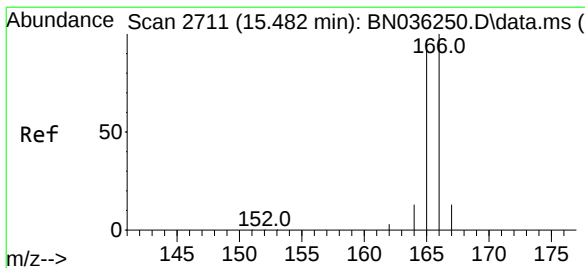
Delta R.T. -0.000 min

Lab File: BN036253.D

Acq: 04 Feb 2025 06:14

Tgt Ion:	153	Resp:	4997
Ion	Ratio	Lower	Upper
153	100		
152	50.5	43.2	64.8
154	88.0	70.5	105.7





#12

Fluorene

Concen: 0.333 ng/u1

RT: 15.481 min Scan# 27

Delta R.T. 0.004 min

Lab File: BN036253.D

Acq: 04 Feb 2025 06:14

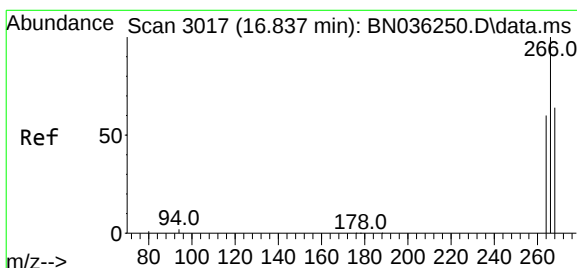
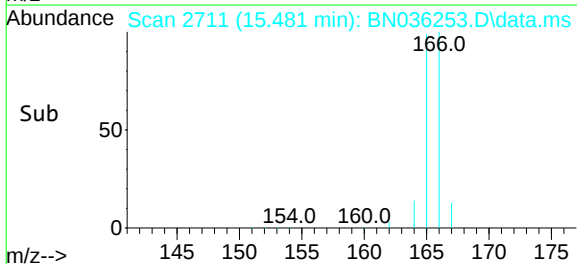
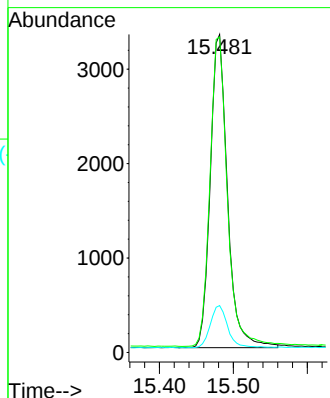
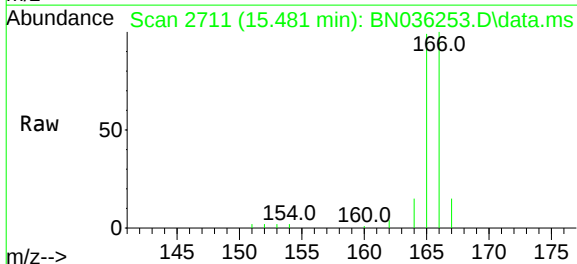
Instrument :

BNA_N

ClientSampleId :

SLCS394

Tgt Ion:	166	Resp:	5369
Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.3	120.5
167	14.8	12.3	18.5



#14

Pentachlorophenol

Concen: 0.528 ng/u1

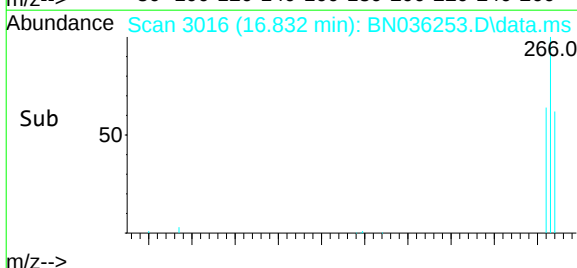
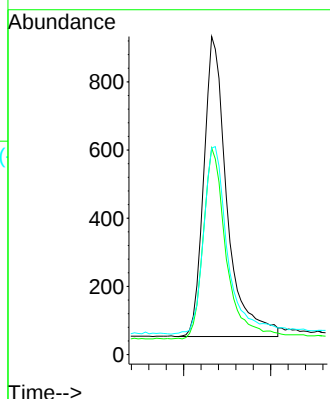
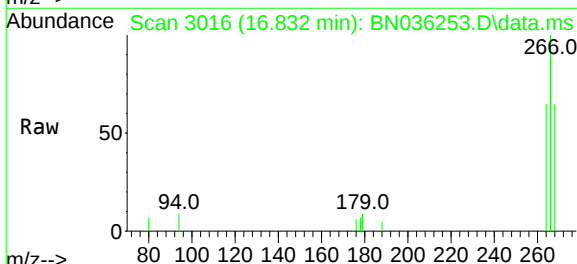
RT: 16.832 min Scan# 3016

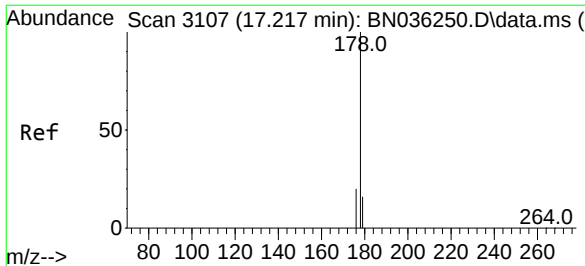
Delta R.T. 0.004 min

Lab File: BN036253.D

Acq: 04 Feb 2025 06:14

Tgt Ion:	266	Resp:	1628
Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.6	75.8
268	65.1	50.6	75.8





#15

Phenanthrene

Concen: 0.343 ng/u1

RT: 17.216 min Scan# 3107

Delta R.T. 0.004 min

Lab File: BN036253.D

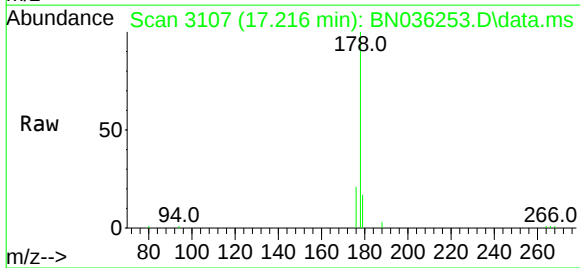
Acq: 04 Feb 2025 06:14

Instrument :

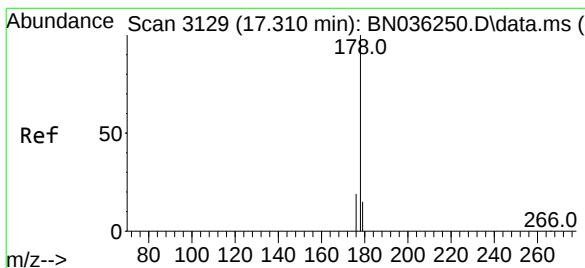
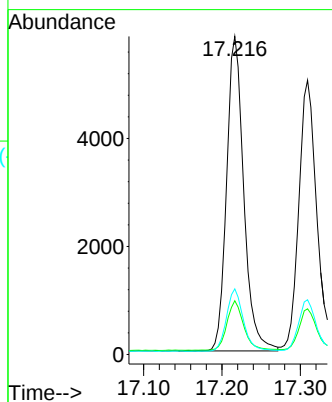
BNA_N

ClientSampleId :

SLCS394



Tgt Ion:	178	Resp:	8847
Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.2	19.8
176	20.6	16.8	25.2



#16

Anthracene

Concen: 0.326 ng/u1

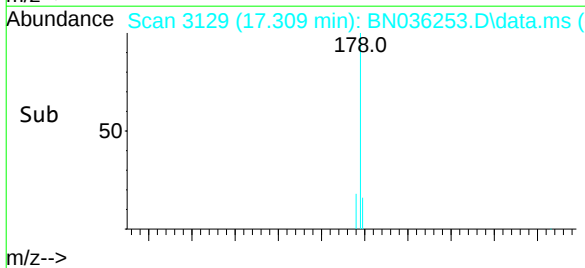
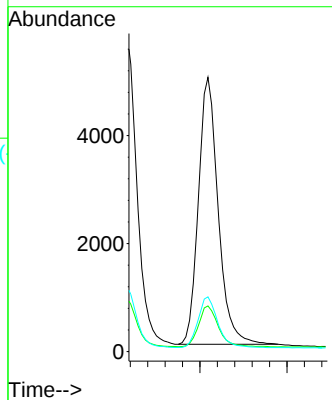
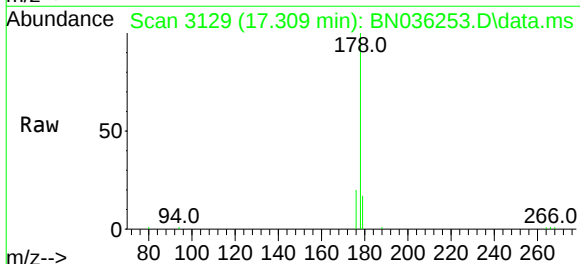
RT: 17.309 min Scan# 3129

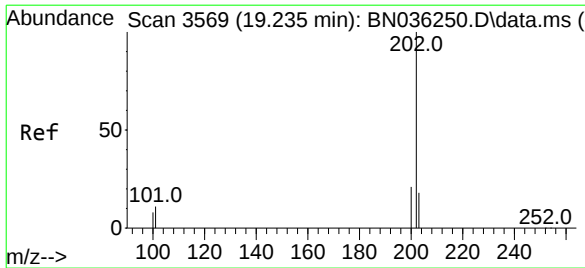
Delta R.T. 0.004 min

Lab File: BN036253.D

Acq: 04 Feb 2025 06:14

Tgt Ion:	178	Resp:	7801
Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.4
176	19.9	15.9	23.9





#19

Fluoranthene

Concen: 0.346 ng/u1

RT: 19.234 min Scan# 3569

Delta R.T. -0.000 min

Lab File: BN036253.D

Acq: 04 Feb 2025 06:14

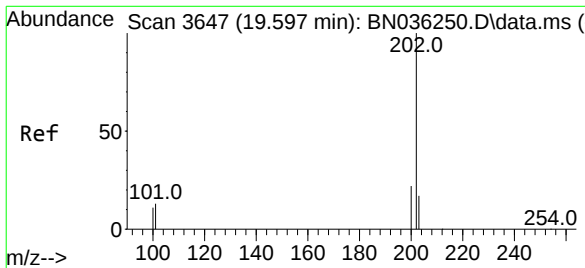
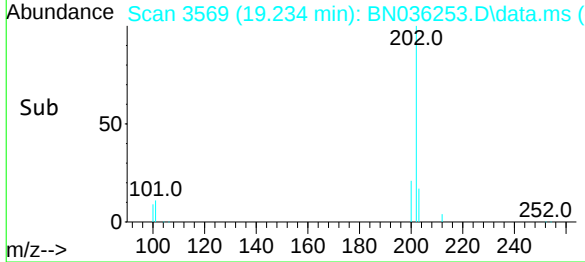
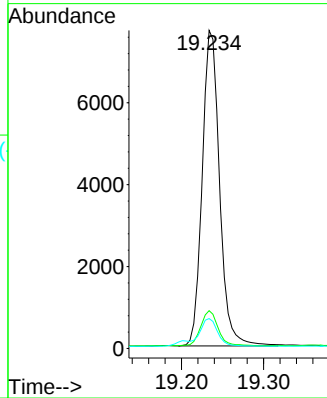
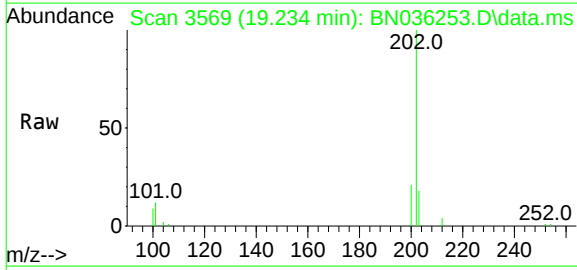
Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:	202	Resp:	11326
Ion Ratio	Lower	Upper	
202	100		
101	11.9	8.4	12.6
100	9.4	6.5	9.7



#20

Pyrene

Concen: 0.347 ng/u1

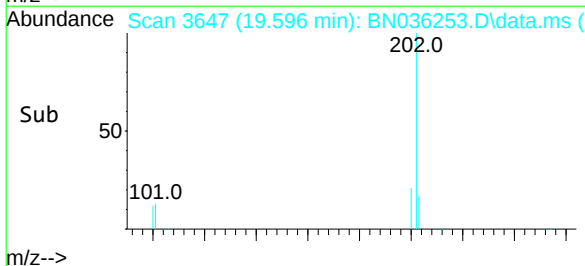
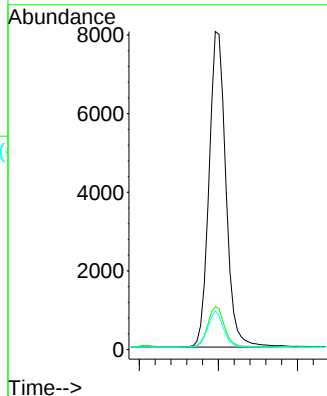
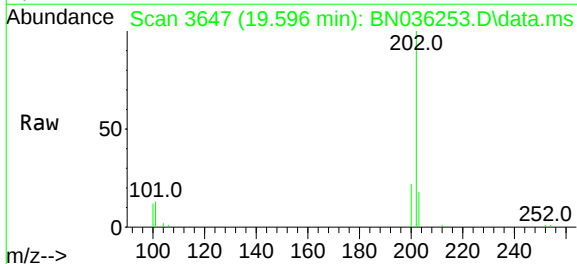
RT: 19.596 min Scan# 3647

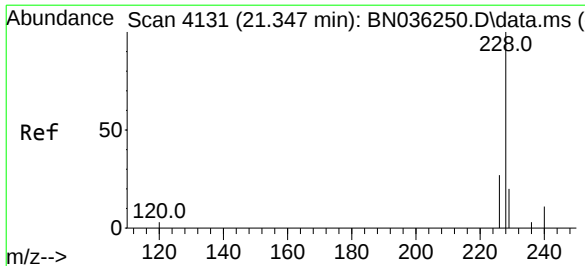
Delta R.T. -0.000 min

Lab File: BN036253.D

Acq: 04 Feb 2025 06:14

Tgt Ion:	202	Resp:	11874
Ion Ratio	Lower	Upper	
202	100		
101	13.4	9.3	13.9
100	12.2	7.5	11.3#

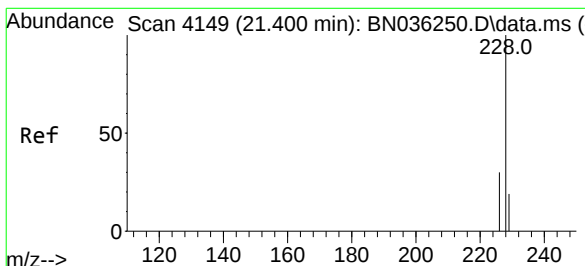
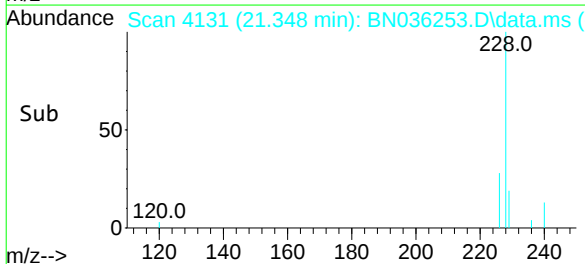
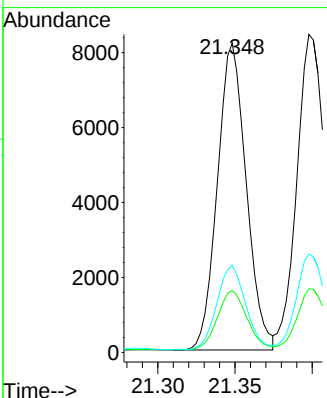
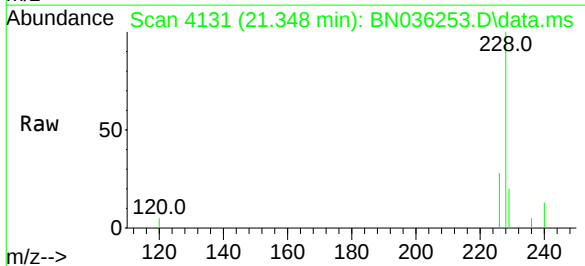




#21
Benzo(a)anthracene
Concen: 0.346 ng/u1
RT: 21.348 min Scan# 4131
Delta R.T. 0.003 min
Lab File: BN036253.D
Acq: 04 Feb 2025 06:14

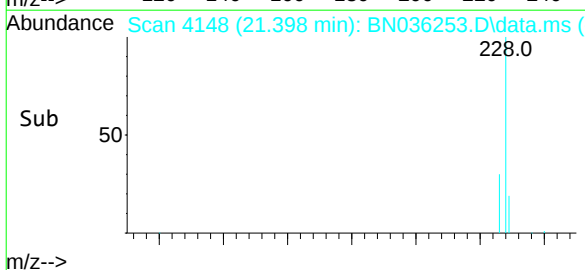
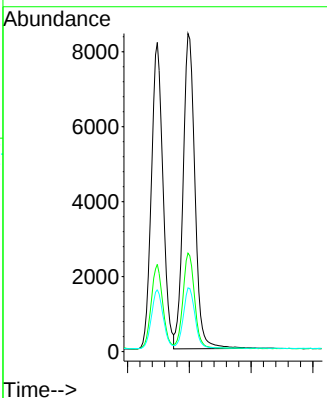
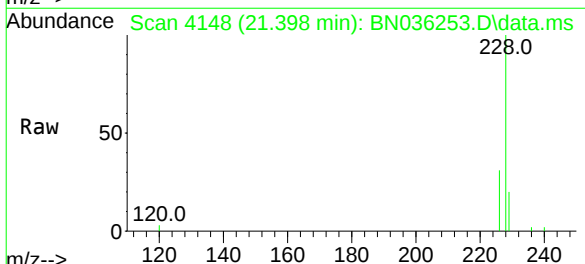
Instrument :
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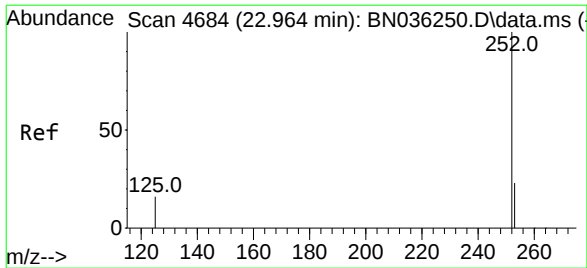
Tgt Ion:	228	Resp:	10632
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.9	23.9
226	28.2	22.8	34.2



#22
Chrysene
Concen: 0.356 ng/u1
RT: 21.398 min Scan# 4148
Delta R.T. -0.000 min
Lab File: BN036253.D
Acq: 04 Feb 2025 06:14

Tgt Ion:	228	Resp:	11177
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.4	36.6
229	20.0	15.9	23.9

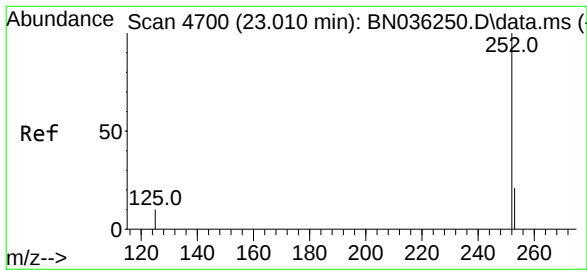
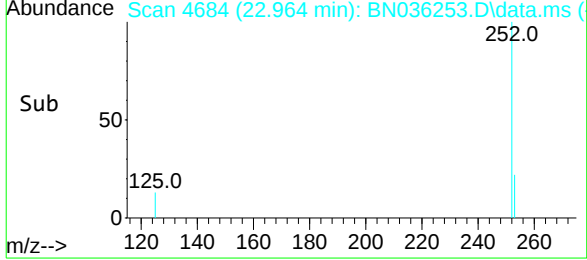
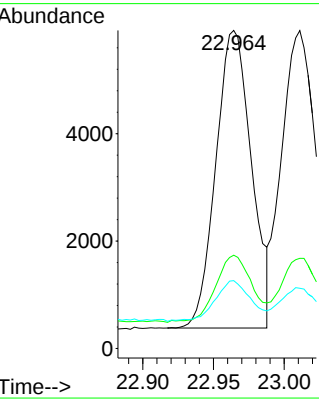
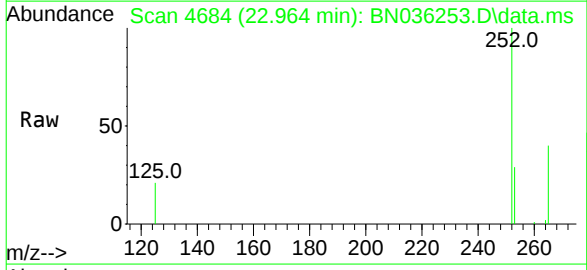




#24
Benzo(b)fluoranthene
Concen: 0.387 ng/u1
RT: 22.964 min Scan# 4684
Delta R.T. 0.003 min
Lab File: BN036253.D
Acq: 04 Feb 2025 06:14

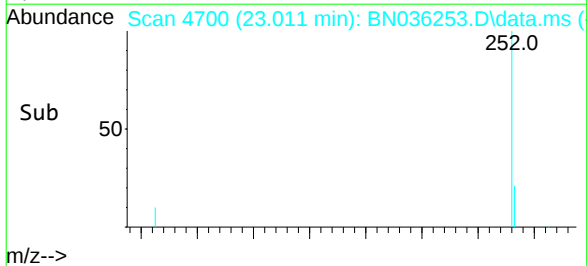
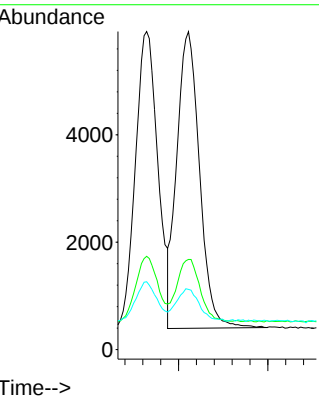
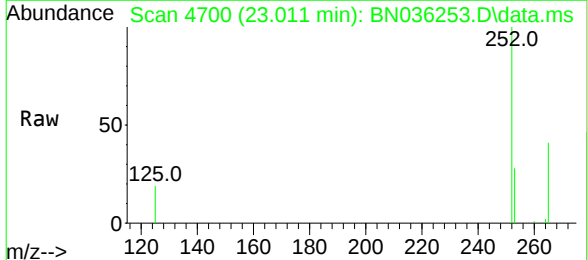
Instrument :
BNA_N
ClientSampleId :
SLCS394

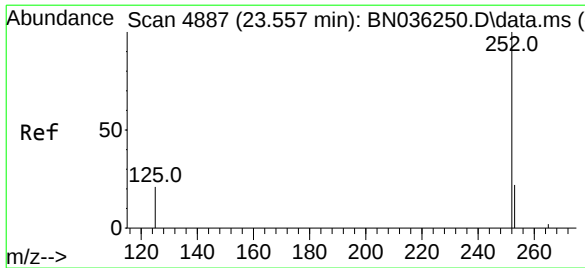
Tgt Ion:	252	Resp:	9715
Ion Ratio	Lower	Upper	
252	100		
253	29.3	0.0	51.2
125	21.3	0.0	27.8



#25
Benzo(k)fluoranthene
Concen: 0.370 ng/u1
RT: 23.011 min Scan# 4700
Delta R.T. 0.003 min
Lab File: BN036253.D
Acq: 04 Feb 2025 06:14

Tgt Ion:	252	Resp:	9786
Ion Ratio	Lower	Upper	
252	100		
253	28.4	20.2	30.4
125	18.9	10.6	16.0





#26

Benzo(a)pyrene

Concen: 0.365 ng/ul

RT: 23.555 min Scan# 48

Delta R.T. -0.000 min

Lab File: BN036253.D

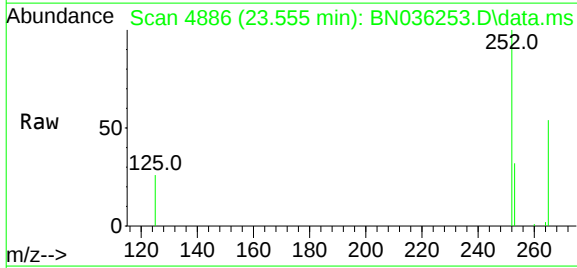
Acq: 04 Feb 2025 06:14

Instrument :

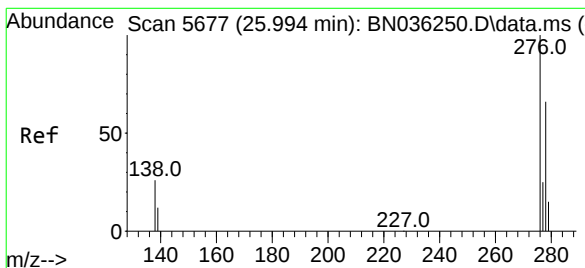
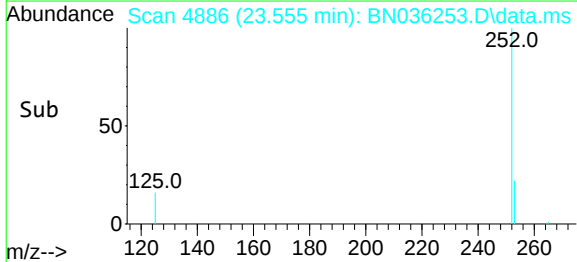
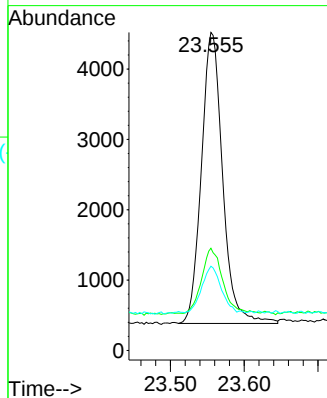
BNA_N

ClientSampleId :

SLCS394



Tgt Ion:	252	Resp:	8282
Ion	Ratio	Lower	Upper
252	100		
253	32.1	22.2	33.4
125	26.5	13.1	19.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.317 ng/ul

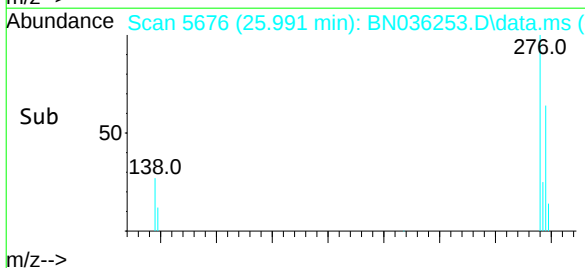
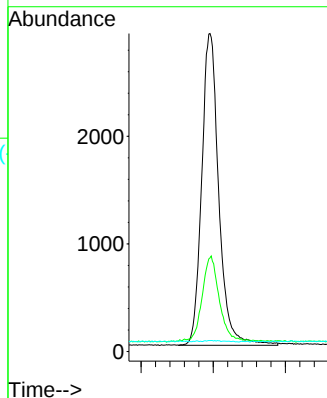
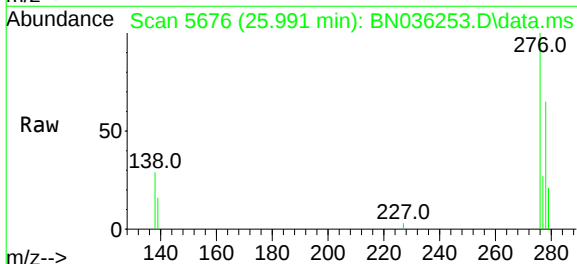
RT: 25.991 min Scan# 5676

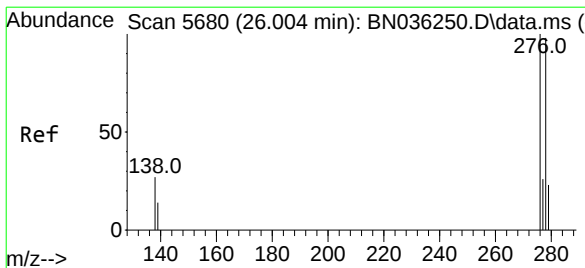
Delta R.T. 0.003 min

Lab File: BN036253.D

Acq: 04 Feb 2025 06:14

Tgt Ion:	276	Resp:	9519
Ion	Ratio	Lower	Upper
276	100		
138	26.9	20.2	30.4
227	0.2	0.1	0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.324 ng/ul

RT: 26.004 min Scan# 5680

Delta R.T. 0.006 min

Lab File: BN036253.D

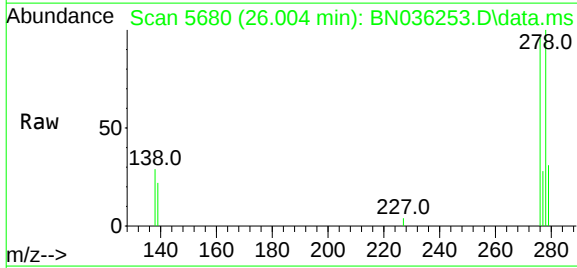
Acq: 04 Feb 2025 06:14

Instrument :

BNA_N

ClientSampleId :

SLCS394



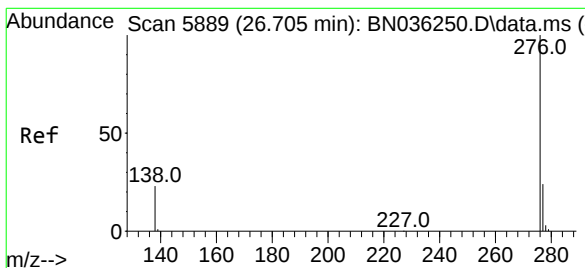
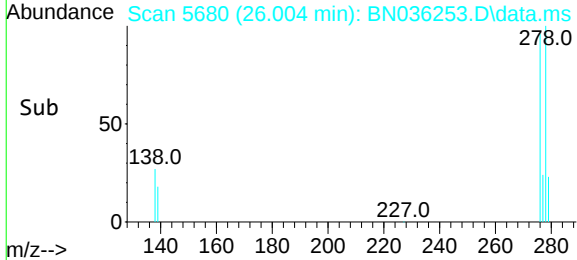
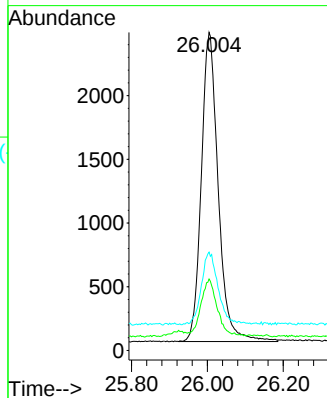
Tgt Ion:278 Resp: 7497

Ion Ratio Lower Upper

278 100

139 22.5 15.4 23.2

279 30.9 22.2 33.4



#29

Benzo(g,h,i)perylene

Concen: 0.318 ng/ul

RT: 26.705 min Scan# 5889

Delta R.T. 0.003 min

Lab File: BN036253.D

Acq: 04 Feb 2025 06:14

Tgt Ion:276 Resp: 7419

Ion Ratio Lower Upper

276 100

138 27.1 19.4 29.0

277 27.5 21.1 31.7

