

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
 Data File : BN036249.D
 Acq On : 04 Feb 2025 03:14
 Operator : RC/JU
 Sample : PB166352BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS352

Quant Time: Feb 04 08:31:32 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)

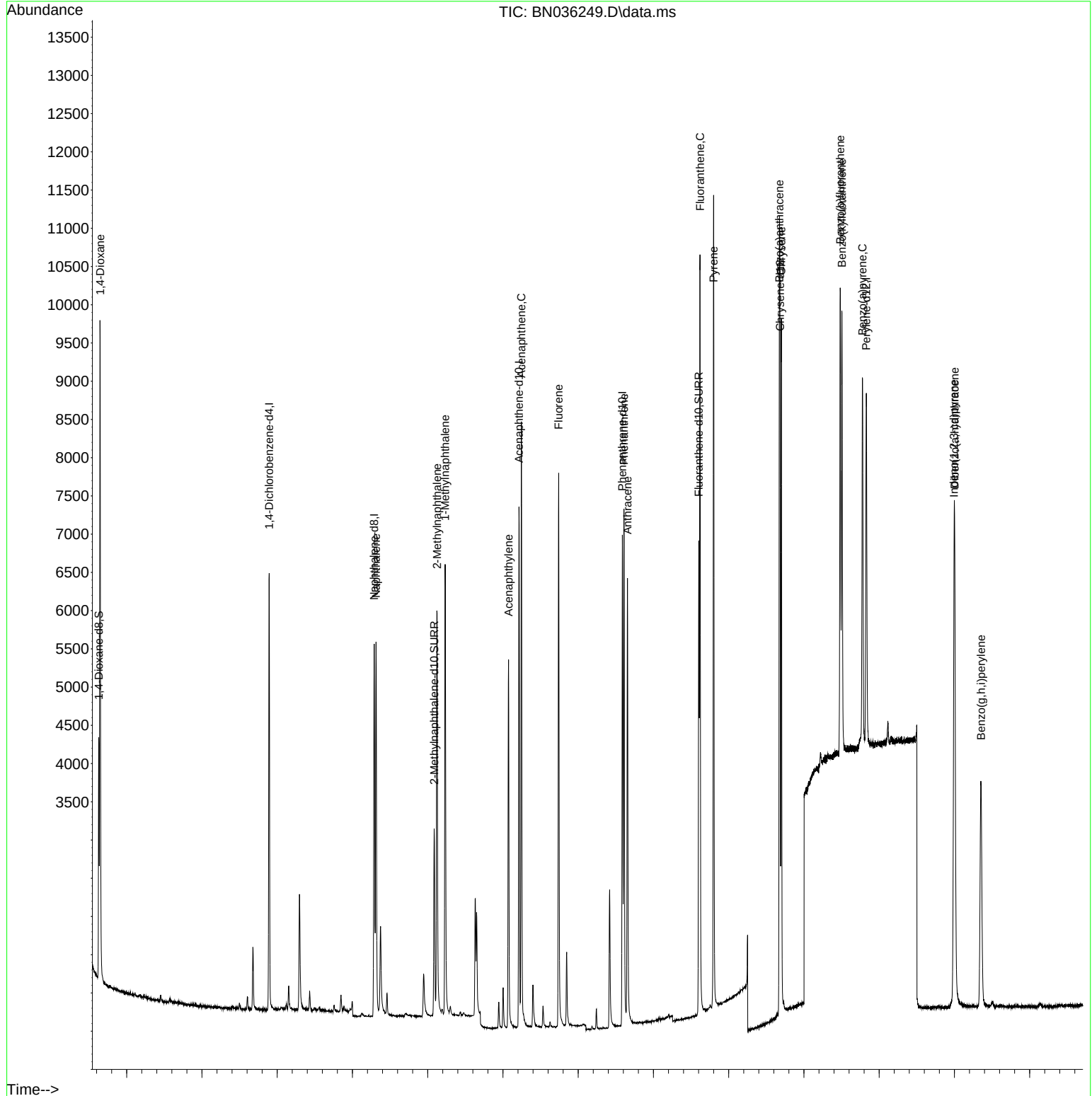
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	2879	0.400	ng/ul	0.00
4) Naphthalene-d8	10.577	136	6968	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.426	164	4013	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.174	188	8167	0.400	ng/ul	0.00
17) Chrysene-d12	21.366	240	6660	0.400	ng/ul	# 0.00
23) Perylene-d12	23.657	264	6490	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	1931	0.613	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.172	152	3606	0.410	ng/ul	0.00
18) Fluoranthene-d10	19.206	212	7278	0.398	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.294	88	5467	1.625	ng/ul	88
5) Naphthalene	10.627	128	6821	0.355	ng/ul	100
7) 2-Methylnaphthalene	12.249	142	4255	0.357	ng/ul	99
8) 1-Methylnaphthalene	12.464	142	4415	0.365	ng/ul	98
10) Acenaphthylene	14.149	152	5915	0.313	ng/ul	99
11) Acenaphthene	14.491	153	4688	0.337	ng/ul	98
12) Fluorene	15.481	166	4943	0.321	ng/ul	97
14) Pentachlorophenol	16.837	266	1497	0.523	ng/ul	99
15) Phenanthrene	17.217	178	7759	0.324	ng/ul	99
16) Anthracene	17.309	178	6855	0.308	ng/ul	100
19) Fluoranthene	19.238	202	8885	0.351	ng/ul	97
20) Pyrene	19.601	202	9303	0.352	ng/ul	95
21) Benzo(a)anthracene	21.348	228	8018	0.337	ng/ul	99
22) Chrysene	21.401	228	8144	0.335	ng/ul	98
24) Benzo(b)fluoranthene	22.964	252	7526	0.348	ng/ul	83
25) Benzo(k)fluoranthene	23.008	252	7659	0.336	ng/ul#	85
26) Benzo(a)pyrene	23.558	252	7004	0.358	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.991	276	8586	0.332	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.008	278	6695	0.336	ng/ul	92
29) Benzo(g,h,i)perylene	26.709	276	6731	0.335	ng/ul	96

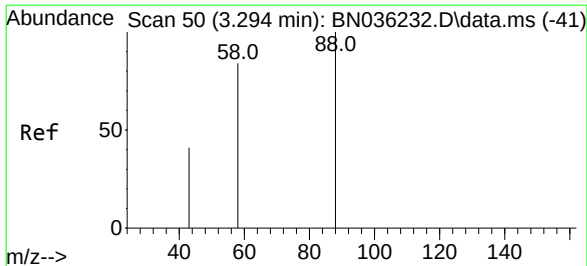
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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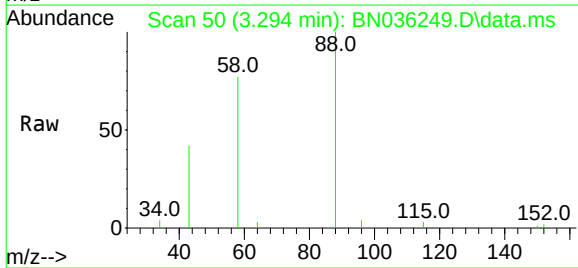
Quant Time: Feb 04 08:31:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
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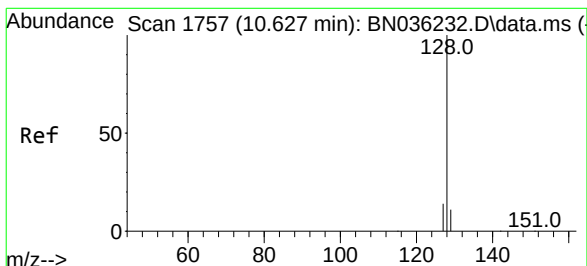
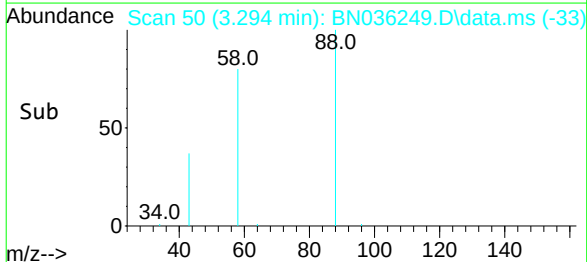
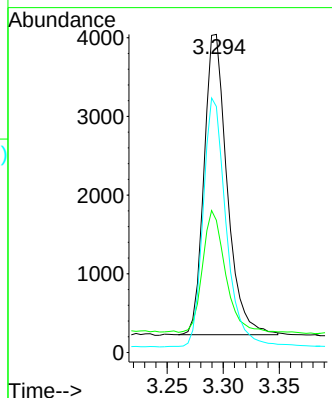


#2
1,4-Dioxane
Concen: 1.625 ng/ul
RT: 3.294 min Scan# 50
Delta R.T. 0.001 min
Lab File: BN036249.D
Acq: 04 Feb 2025 03:14

Instrument :
BNA_N
ClientSampleId :
SLCS352

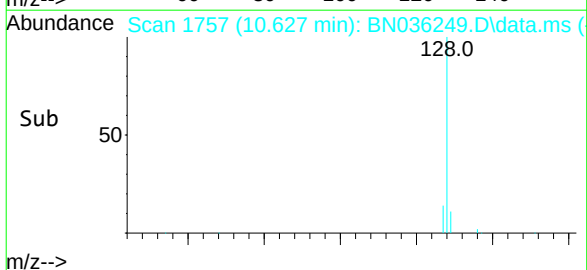
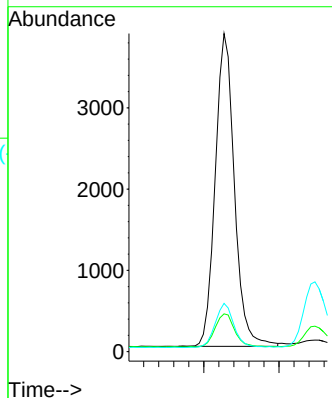
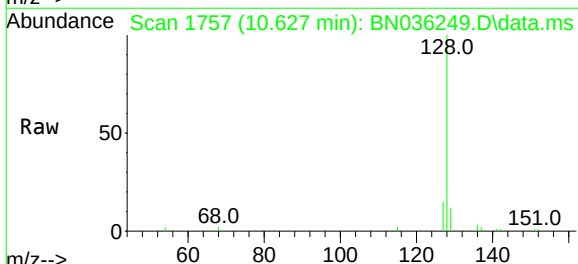


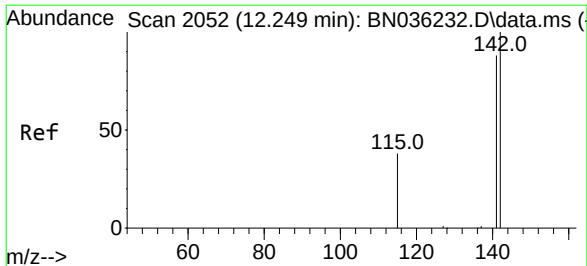
Tgt Ion: 88 Resp: 5467
Ion Ratio Lower Upper
88 100
43 41.6 40.7 61.1
58 77.3 55.2 82.8



#5
Naphthalene
Concen: 0.355 ng/ul
RT: 10.627 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BN036249.D
Acq: 04 Feb 2025 03:14

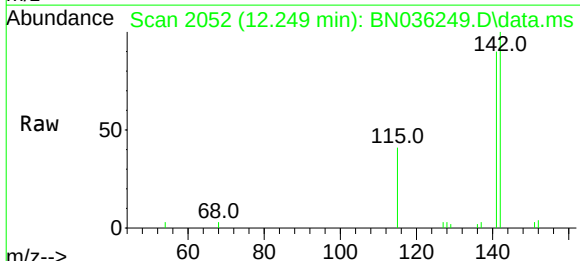
Tgt Ion: 128 Resp: 6821
Ion Ratio Lower Upper
128 100
129 11.9 9.6 14.4
127 15.2 12.0 18.0



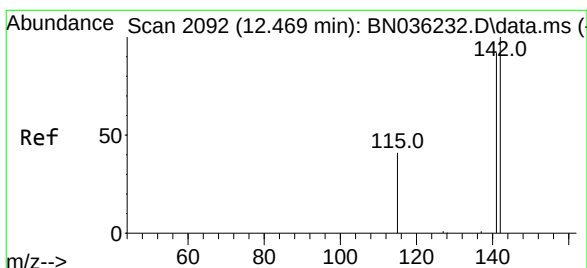
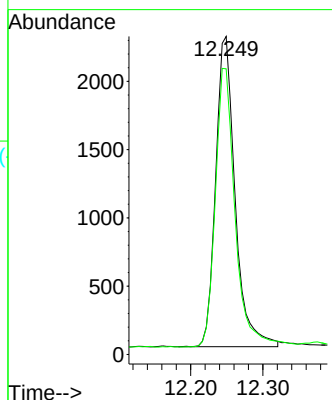
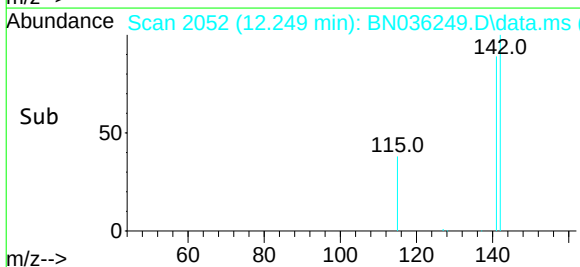


#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.249 min Scan# 2052
Delta R.T. 0.005 min
Lab File: BN036249.D
Acq: 04 Feb 2025 03:14

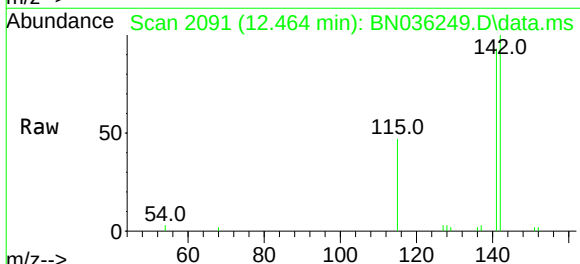
Instrument :
BNA_N
ClientSampleId :
SLCS352



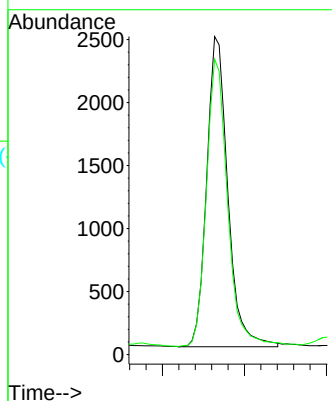
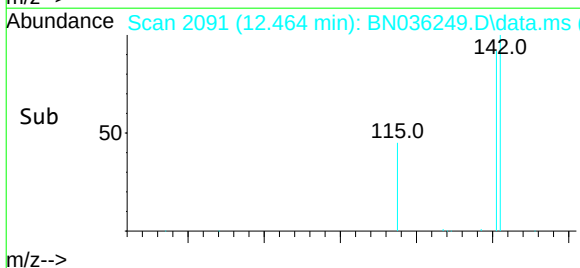
Tgt Ion:142 Resp: 4255
Ion Ratio Lower Upper
142 100
141 91.0 71.9 107.9

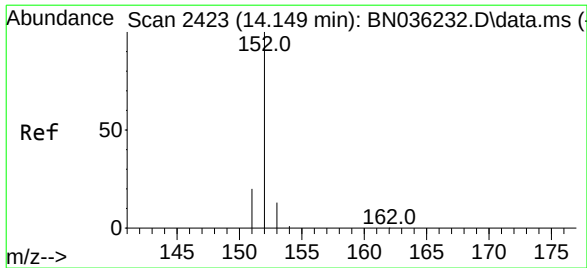


#8
1-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.464 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN036249.D
Acq: 04 Feb 2025 03:14



Tgt Ion:142 Resp: 4415
Ion Ratio Lower Upper
142 100
141 92.4 75.2 112.8





#10

Acenaphthylene

Concen: 0.313 ng/u1

RT: 14.149 min Scan# 2423

Delta R.T. 0.004 min

Lab File: BN036249.D

Acq: 04 Feb 2025 03:14

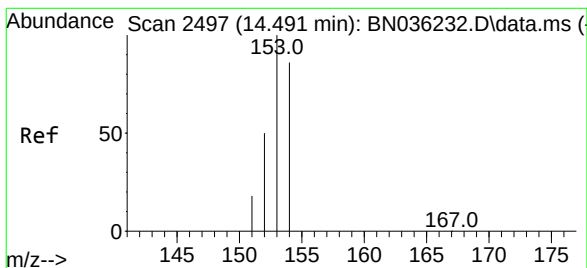
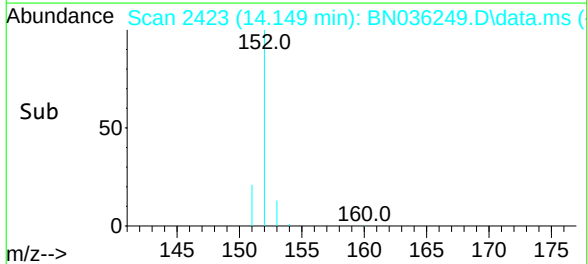
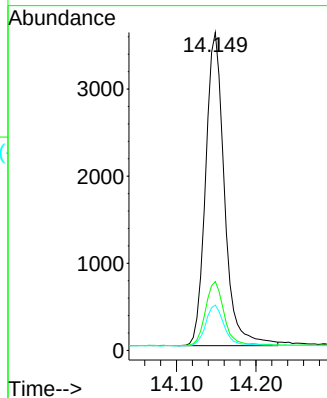
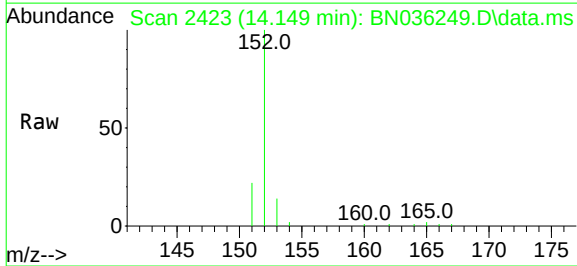
Instrument :

BNA_N

ClientSampleId :

SLCS352

Tgt Ion:	152	Resp:	5915
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.4	26.2
153	14.3	11.9	17.9



#11

Acenaphthene

Concen: 0.337 ng/u1

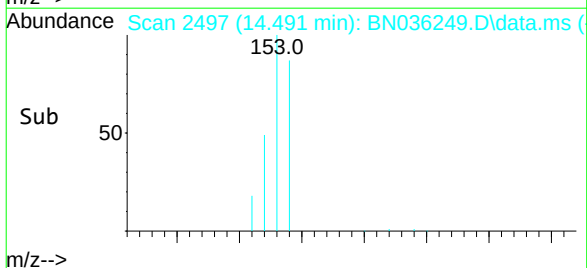
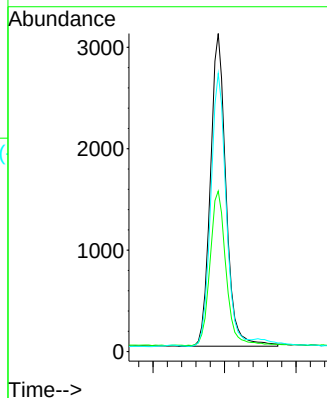
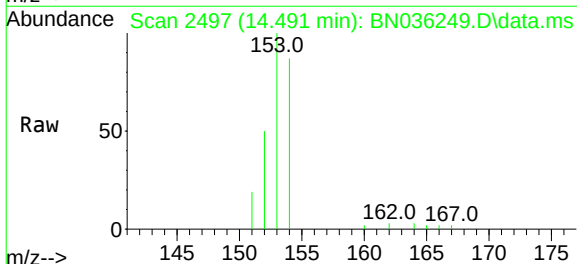
RT: 14.491 min Scan# 2497

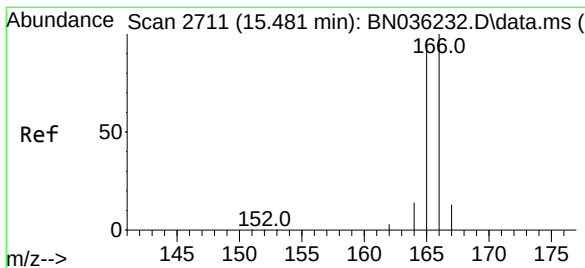
Delta R.T. -0.000 min

Lab File: BN036249.D

Acq: 04 Feb 2025 03:14

Tgt Ion:	153	Resp:	4688
Ion Ratio	Lower	Upper	
153	100		
152	50.5	43.2	64.8
154	87.5	70.5	105.7





#12

Fluorene

Concen: 0.321 ng/ul

RT: 15.481 min Scan# 2711

Delta R.T. 0.004 min

Lab File: BN036249.D

Acq: 04 Feb 2025 03:14

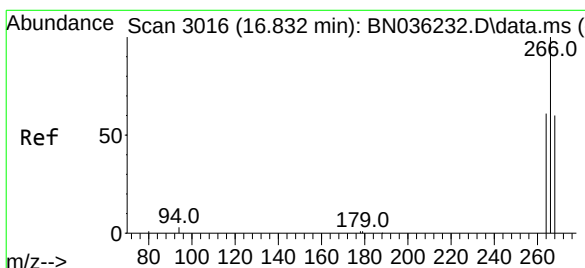
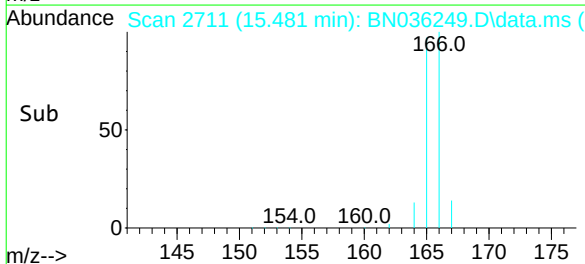
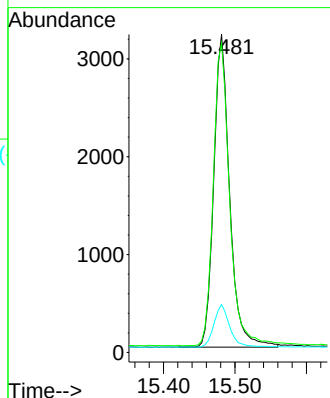
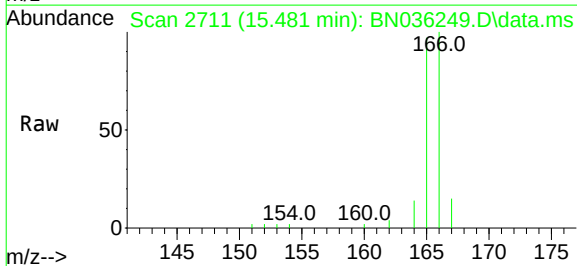
Instrument :

BNA_N

ClientSampleId :

SLCS352

Tgt Ion:	166	Resp:	4943
Ion Ratio	Lower	Upper	
166	100		
165	97.3	80.3	120.5
167	15.1	12.3	18.5



#14

Pentachlorophenol

Concen: 0.523 ng/ul

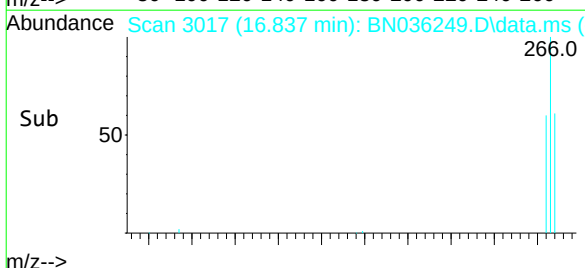
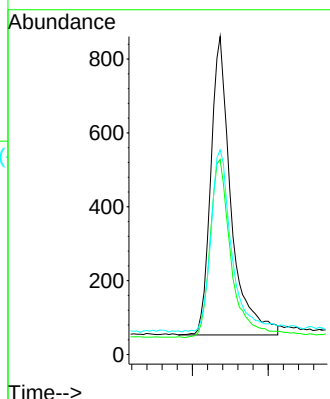
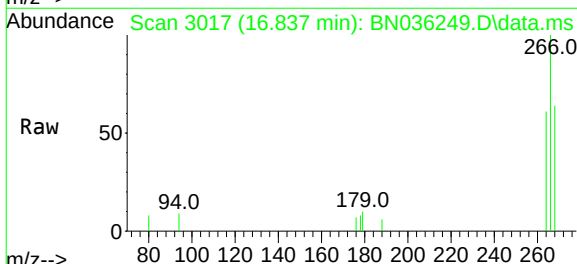
RT: 16.837 min Scan# 3017

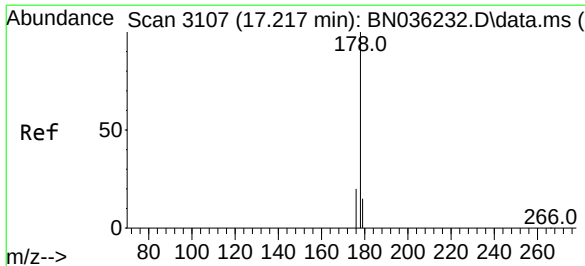
Delta R.T. 0.008 min

Lab File: BN036249.D

Acq: 04 Feb 2025 03:14

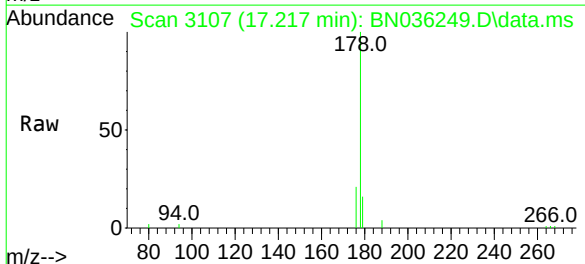
Tgt Ion:	266	Resp:	1497
Ion Ratio	Lower	Upper	
266	100		
264	61.7	50.6	75.8
268	63.3	50.6	75.8



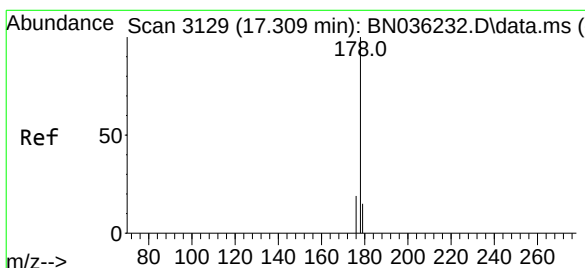
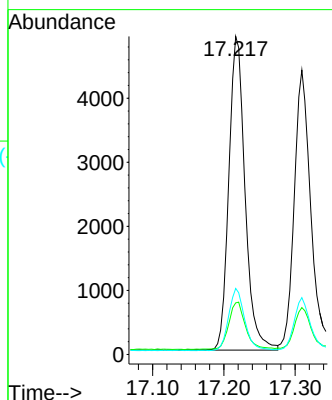


#15
Phenanthrene
Concen: 0.324 ng/u1
RT: 17.217 min Scan# 3107
Delta R.T. 0.004 min
Lab File: BN036249.D
Acq: 04 Feb 2025 03:14

Instrument :
BNA_N
ClientSampleId :
SLCS352

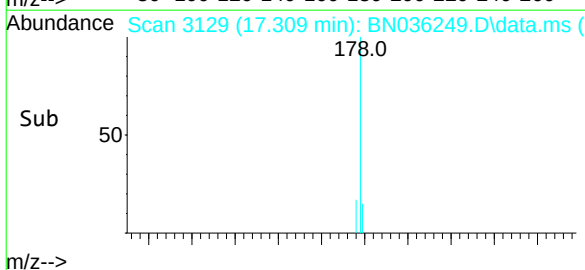
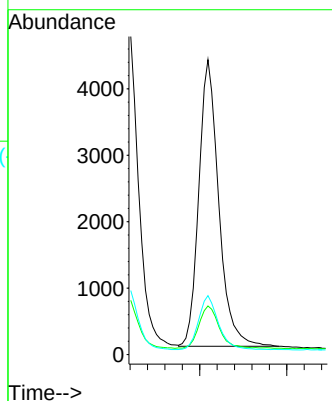
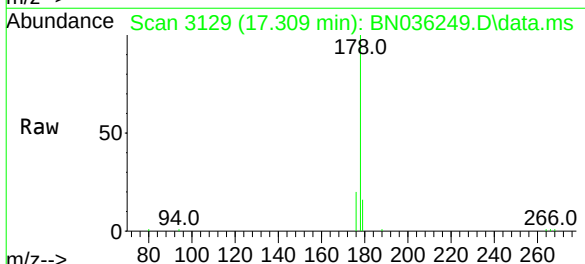


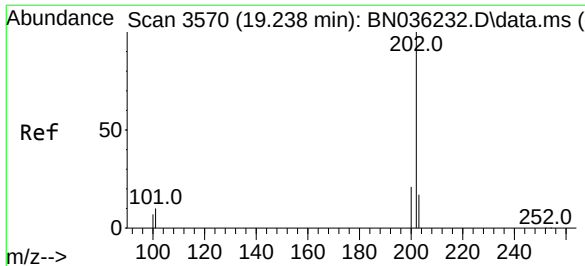
Tgt Ion:	178	Resp:	7759
Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.2	19.8
176	20.8	16.8	25.2



#16
Anthracene
Concen: 0.308 ng/u1
RT: 17.309 min Scan# 3129
Delta R.T. 0.004 min
Lab File: BN036249.D
Acq: 04 Feb 2025 03:14

Tgt Ion:	178	Resp:	6855
Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.4
176	20.0	15.9	23.9





#19

Fluoranthene

Concen: 0.351 ng/u1

RT: 19.238 min Scan# 3570

Delta R.T. 0.004 min

Lab File: BN036249.D

Acq: 04 Feb 2025 03:14

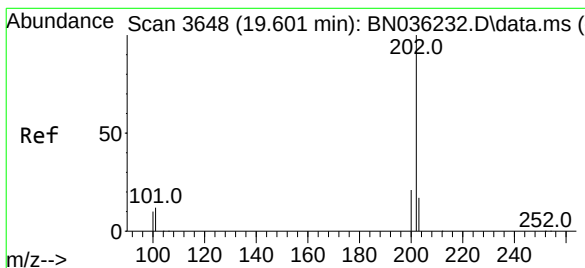
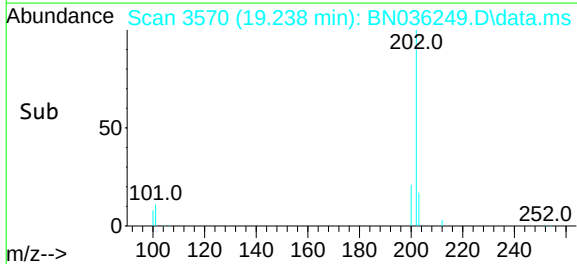
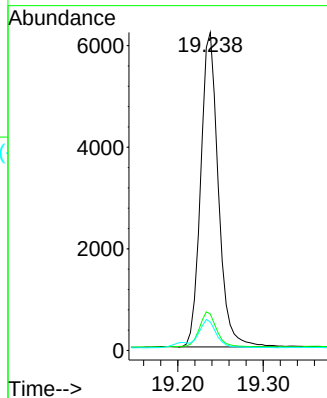
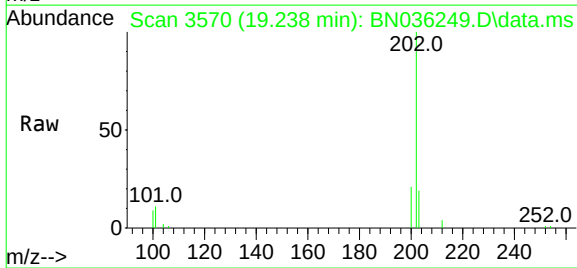
Instrument :

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ClientSampleId :

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Tgt	Ion:202	Resp:	8885
Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.4	12.6
100	8.9	6.5	9.7



#20

Pyrene

Concen: 0.352 ng/u1

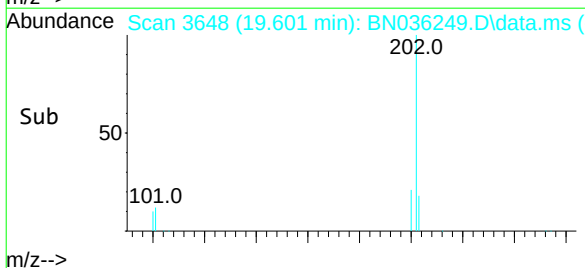
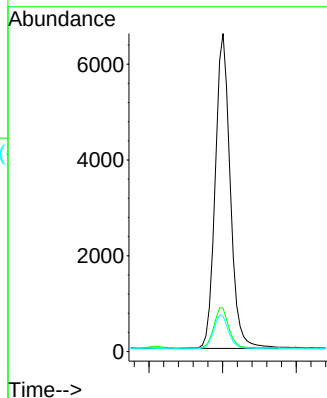
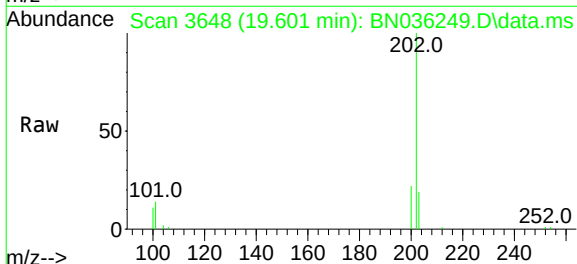
RT: 19.601 min Scan# 3648

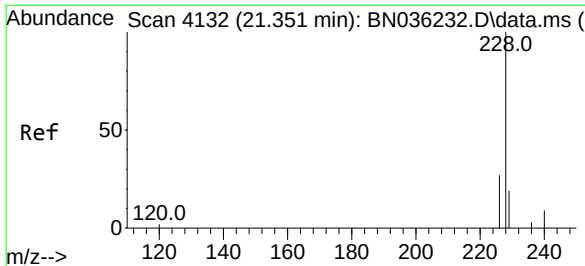
Delta R.T. 0.004 min

Lab File: BN036249.D

Acq: 04 Feb 2025 03:14

Tgt	Ion:202	Resp:	9303
Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.3	13.9
100	11.2	7.5	11.3

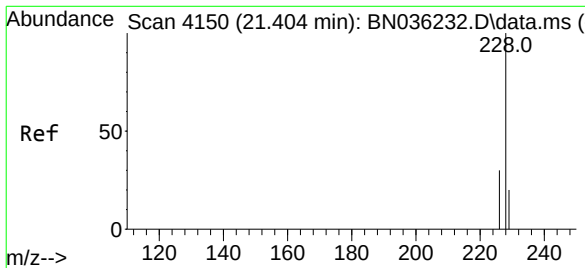
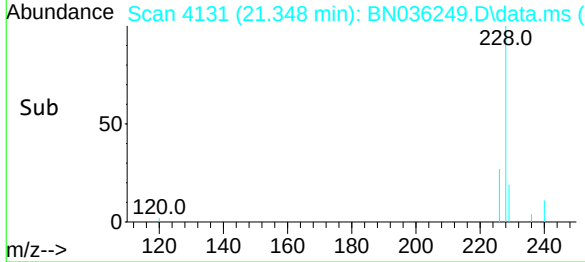
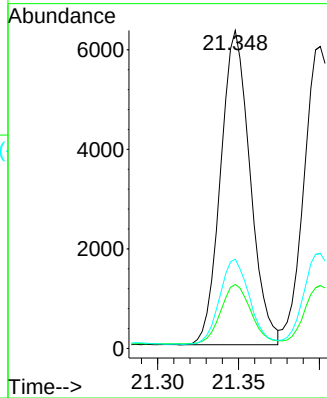
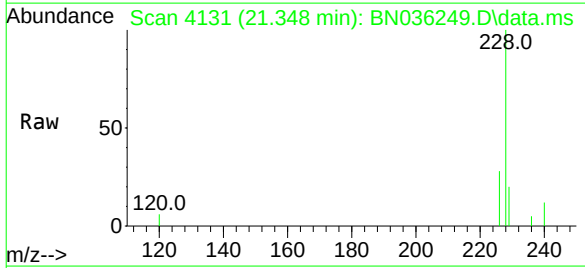




#21
Benzo(a)anthracene
Concen: 0.337 ng/u1
RT: 21.348 min Scan# 4131
Delta R.T. 0.003 min
Lab File: BN036249.D
Acq: 04 Feb 2025 03:14

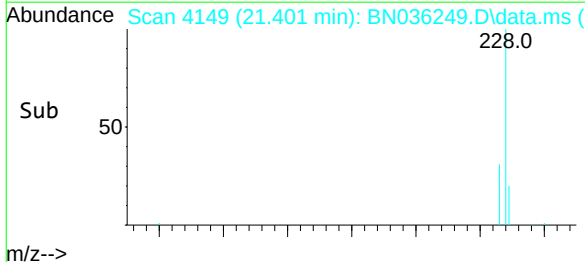
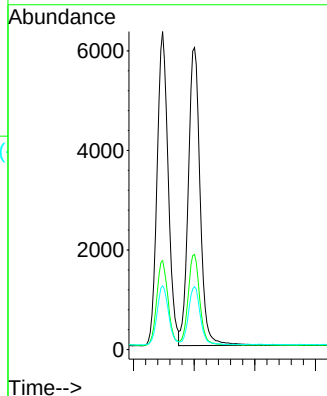
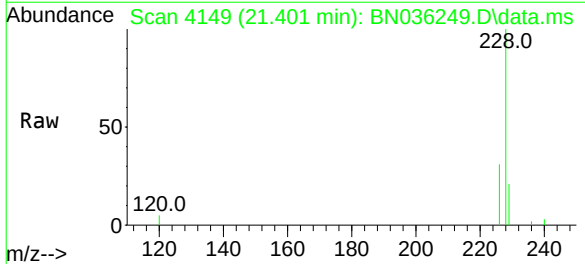
Instrument :
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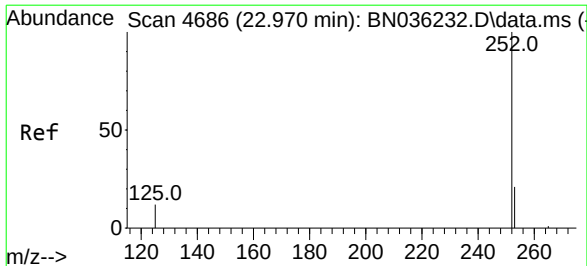
Tgt Ion:	228	Resp:	8018
Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.9	23.9
226	28.1	22.8	34.2



#22
Chrysene
Concen: 0.335 ng/u1
RT: 21.401 min Scan# 4149
Delta R.T. 0.003 min
Lab File: BN036249.D
Acq: 04 Feb 2025 03:14

Tgt Ion:	228	Resp:	8144
Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.4	36.6
229	20.8	15.9	23.9





#24

Benzo(b)fluoranthene

Concen: 0.348 ng/u1

RT: 22.964 min Scan# 4684

Delta R.T. 0.002 min

Lab File: BN036249.D

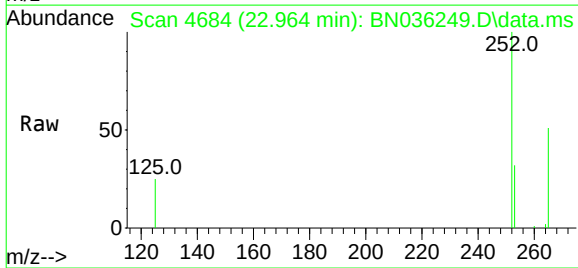
Acq: 04 Feb 2025 03:14

Instrument :

BNA_N

ClientSampleId :

SLCS352



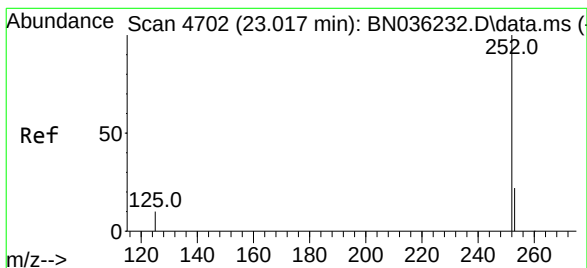
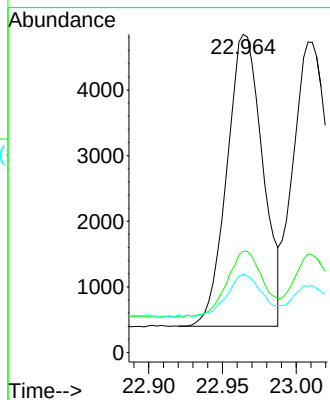
Tgt Ion:252 Resp: 7526

Ion Ratio Lower Upper

252 100

253 31.9 0.0 51.2

125 24.6 0.0 27.8



#25

Benzo(k)fluoranthene

Concen: 0.336 ng/u1

RT: 23.008 min Scan# 4699

Delta R.T. -0.000 min

Lab File: BN036249.D

Acq: 04 Feb 2025 03:14

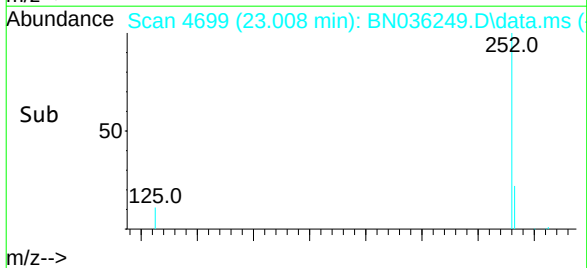
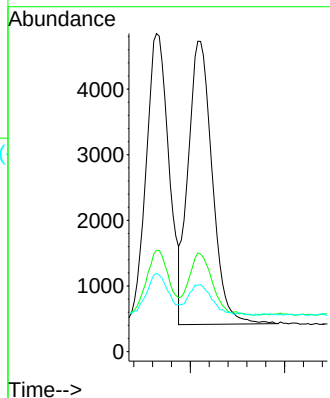
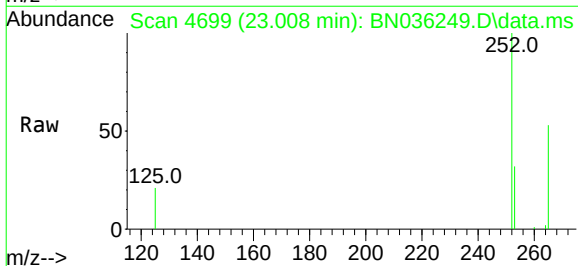
Tgt Ion:252 Resp: 7659

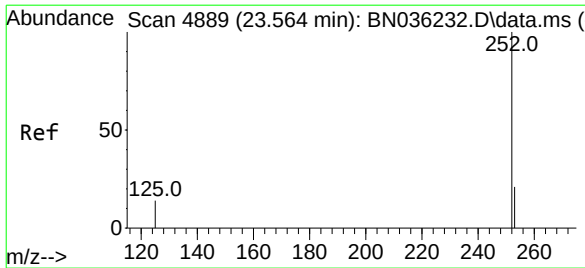
Ion Ratio Lower Upper

252 100

253 31.8 20.2 30.4#

125 21.4 10.6 16.0#





#26

Benzo(a)pyrene

Concen: 0.358 ng/u1

RT: 23.558 min Scan# 48

Delta R.T. 0.003 min

Lab File: BN036249.D

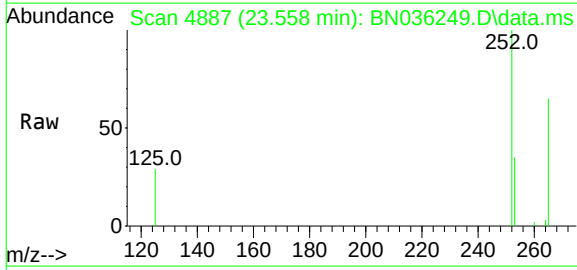
Acq: 04 Feb 2025 03:14

Instrument :

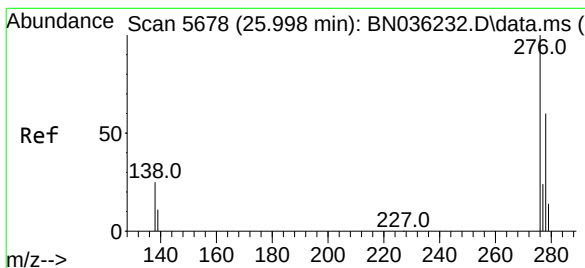
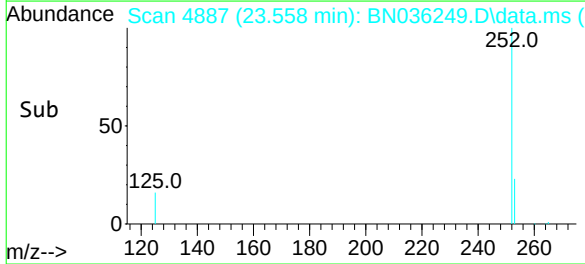
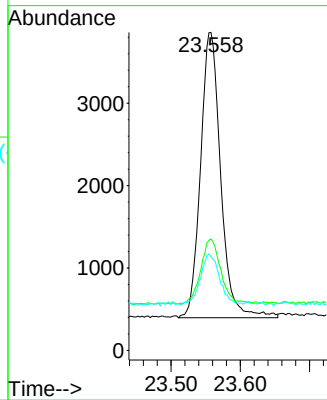
BNA_N

ClientSampleId :

SLCS352



Tgt Ion:	252	Resp:	7004
Ion	Ratio	Lower	Upper
252	100		
253	35.0	22.2	33.4#
125	29.5	13.1	19.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.332 ng/u1

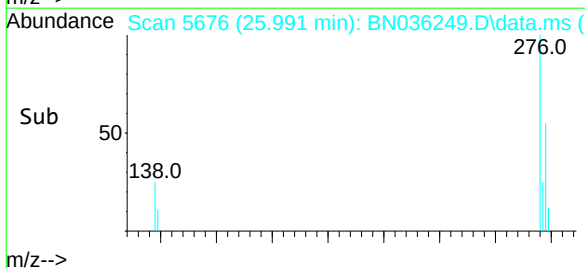
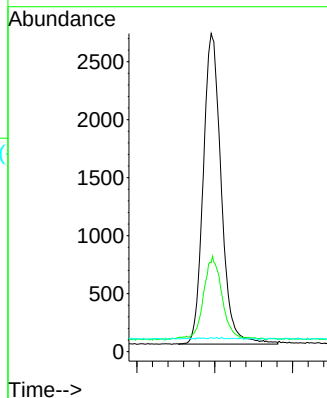
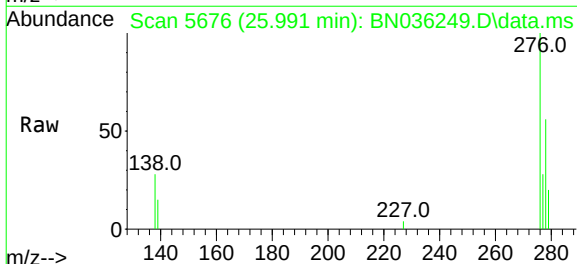
RT: 25.991 min Scan# 5676

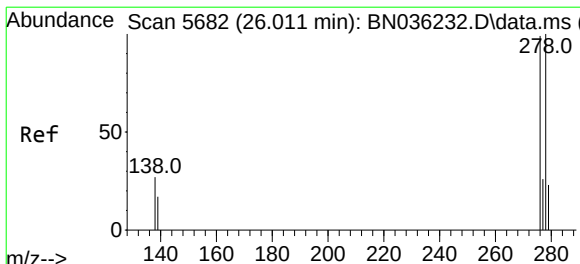
Delta R.T. 0.003 min

Lab File: BN036249.D

Acq: 04 Feb 2025 03:14

Tgt Ion:	276	Resp:	8586
Ion	Ratio	Lower	Upper
276	100		
138	27.1	20.2	30.4
227	0.1	0.1	0.1#

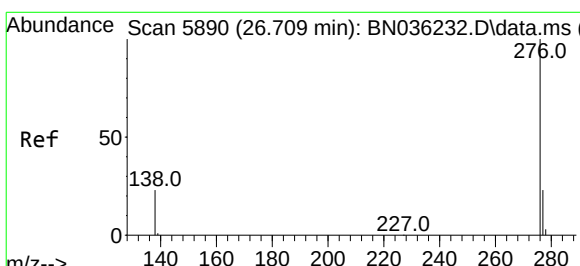
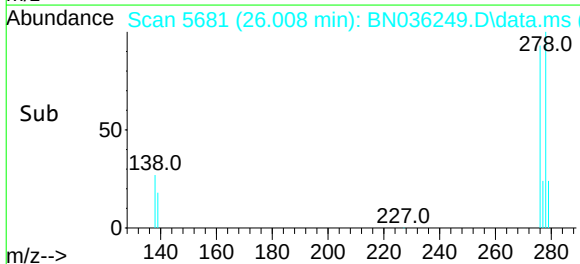
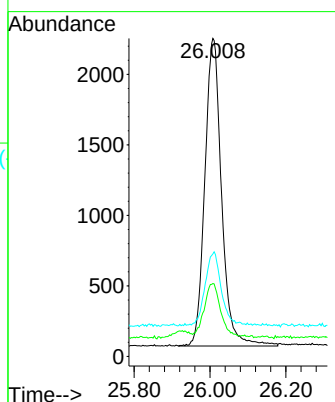
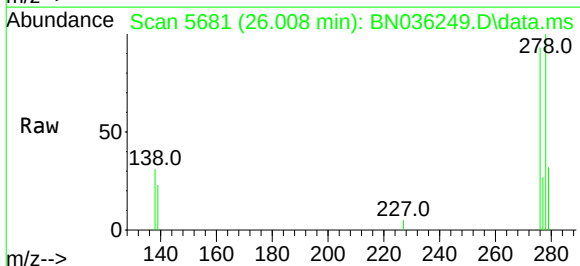




#28
 Dibenzo(a,h)anthracene
 Concen: 0.336 ng/ul
 RT: 26.008 min Scan# 5682
 Delta R.T. 0.010 min
 Lab File: BN036249.D
 Acq: 04 Feb 2025 03:14

Instrument :
 BNA_N
 ClientSampleId :
 SLCS352

Tgt Ion:	278	Resp:	6695
Ion	Ratio	Lower	Upper
278	100		
139	22.9	15.4	23.2
279	32.2	22.2	33.4



#29
 Benzo(g,h,i)perylene
 Concen: 0.335 ng/ul
 RT: 26.709 min Scan# 5890
 Delta R.T. 0.006 min
 Lab File: BN036249.D
 Acq: 04 Feb 2025 03:14

Tgt Ion:	276	Resp:	6731
Ion	Ratio	Lower	Upper
276	100		
138	27.3	19.4	29.0
277	27.3	21.1	31.7

