

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
 Data File : BN036235.D
 Acq On : 03 Feb 2025 18:49
 Operator : RC/JU
 Sample : Q1224-05DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6305DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 04 07:50:41 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	7.788	152	3493	0.400	ng/ul	0.00
4) Naphthalene-d8	10.579	136	8430	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.428	164	4802	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.175	188	9376	0.400	ng/ul	0.00
17) Chrysene-d12	21.365	240	7940	0.400	ng/ul	# 0.00
23) Perylene-d12	23.660	264	8053m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	3481	0.910	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152	552	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.207	212	744	0.034	ng/ul	0.00
Target Compounds						
						Qvalue
15) Phenanthrene	17.218	178	3141	0.114	ng/ul	97
19) Fluoranthene	19.235	202	9235	0.306	ng/ul	95
20) Pyrene	19.597	202	7787	0.247	ng/ul#	92
21) Benzo(a)anthracene	21.351	228	2659m	0.094	ng/ul	
22) Chrysene	21.400	228	4214	0.146	ng/ul	95
24) Benzo(b)fluoranthene	22.970	252	5620m	0.209	ng/ul	
25) Benzo(k)fluoranthene	23.011	252	1990m	0.070	ng/ul	
26) Benzo(a)pyrene	23.557	252	3413	0.141	ng/ul#	46
27) Indeno(1,2,3-cd)pyrene	25.991	276	2641	0.082	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.004	278	591	0.024	ng/ul#	1
29) Benzo(g,h,i)perylene	26.702	276	2750	0.110	ng/ul#	84

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

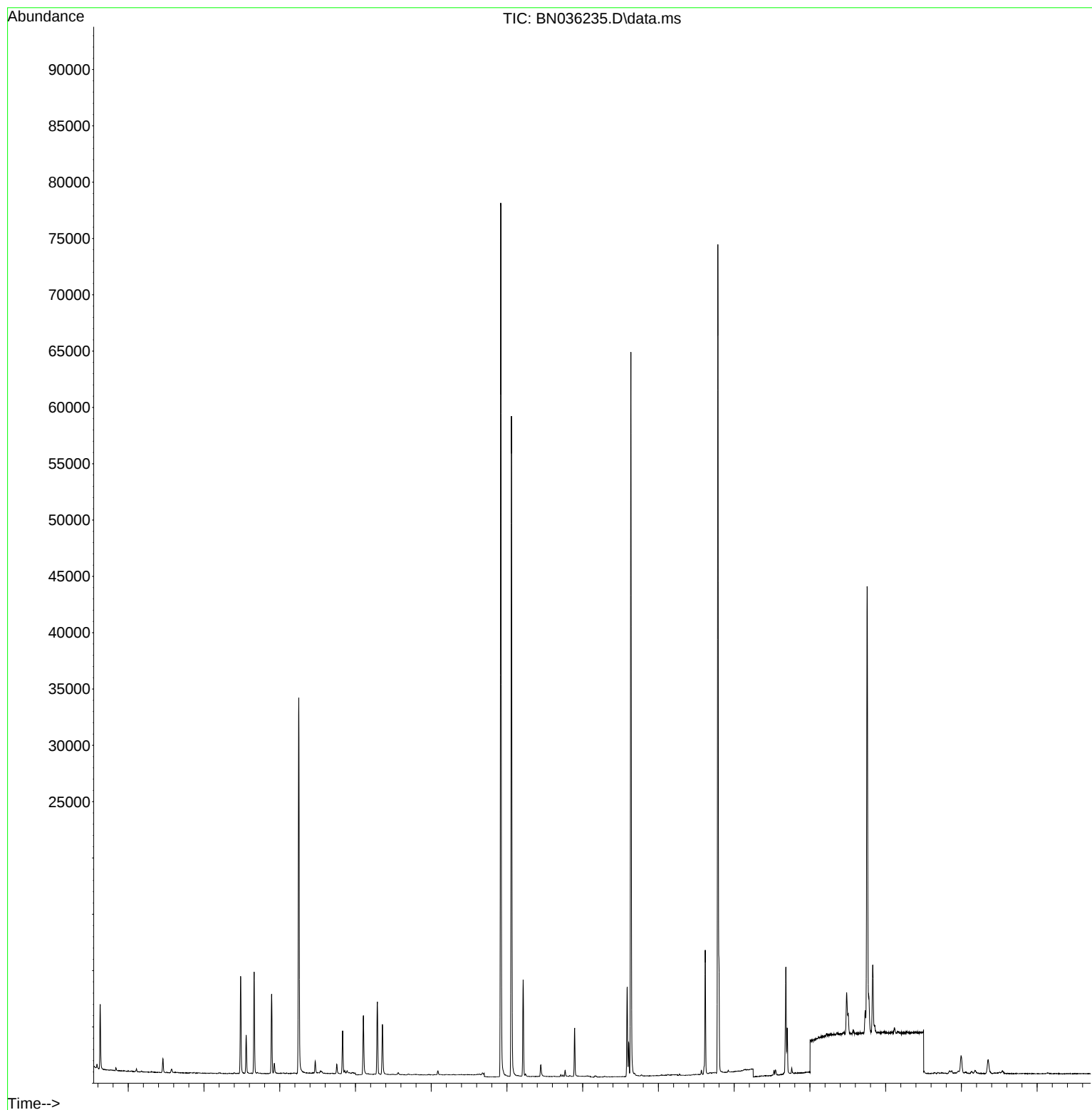
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036235.D
Acq On : 03 Feb 2025 18:49
Operator : RC/JU
Sample : Q1224-05DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

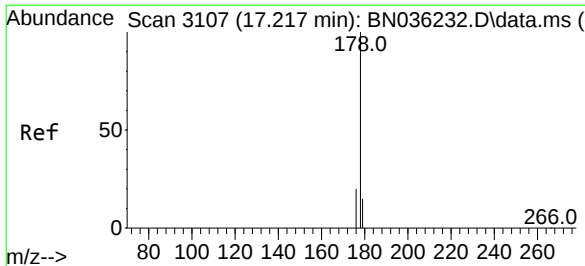
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration





#15

Phenanthrene

Concen: 0.114 ng/u1

RT: 17.218 min Scan# 3107

Delta R.T. 0.005 min

Lab File: BN036235.D

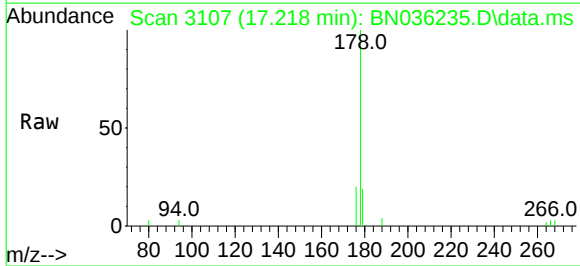
Acq: 03 Feb 2025 18:49

Instrument :

BNA_N

ClientSampleId :

A6305DL

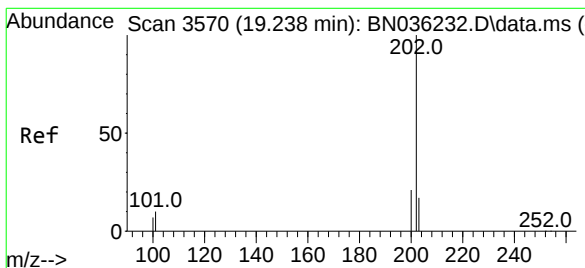
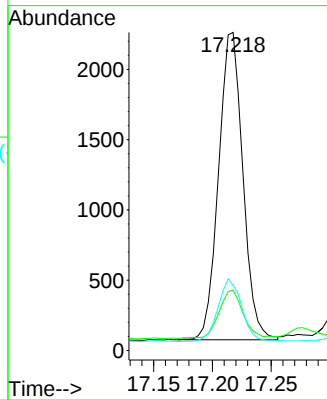
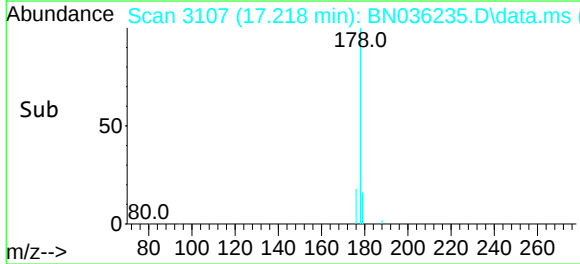


Tgt	Ion:178	Resp:	3141
Ion	Ratio	Lower	Upper
178	100		
179	19.0	13.2	19.8
176	20.5	16.8	25.2

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#19

Fluoranthene

Concen: 0.306 ng/u1

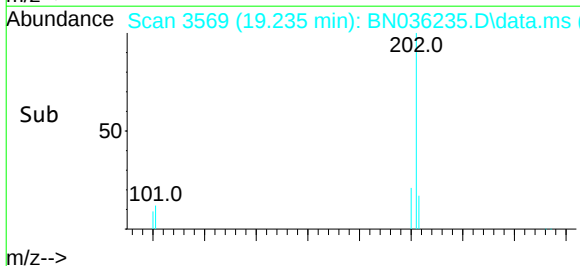
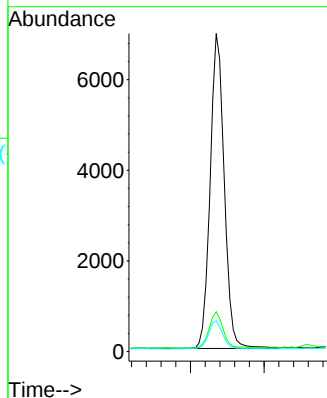
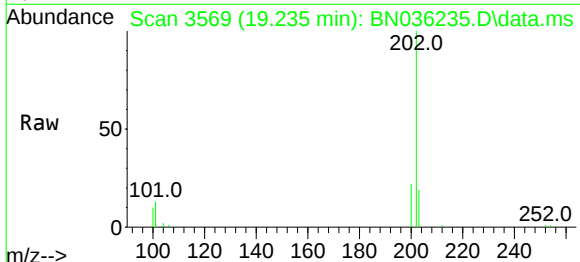
RT: 19.235 min Scan# 3569

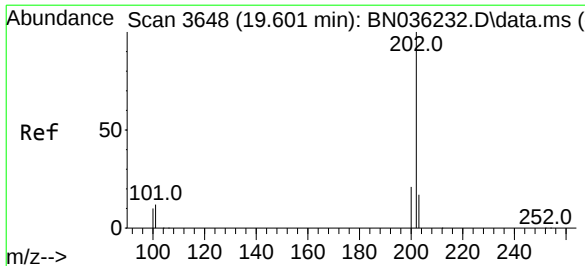
Delta R.T. 0.001 min

Lab File: BN036235.D

Acq: 03 Feb 2025 18:49

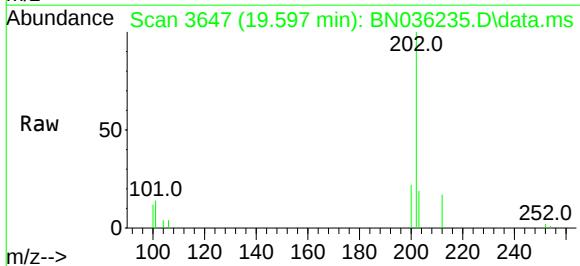
Tgt	Ion:202	Resp:	9235
Ion	Ratio	Lower	Upper
202	100		
101	12.5	8.4	12.6
100	9.7	6.5	9.7





#20
Pyrene
Concen: 0.247 ng/u1
RT: 19.597 min Scan# 3647
Delta R.T. 0.001 min
Lab File: BN036235.D
Acq: 03 Feb 2025 18:49

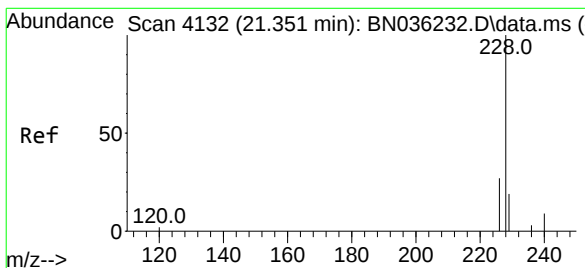
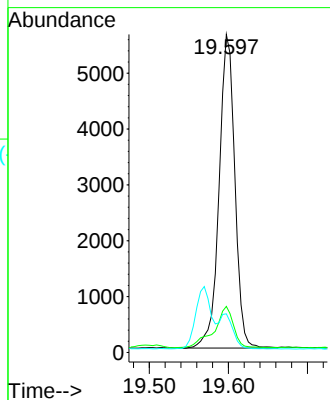
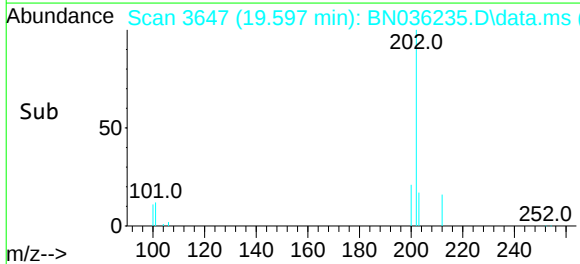
Instrument :
BNA_N
ClientSampleId :
A6305DL



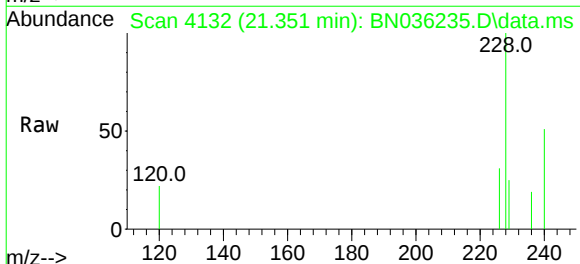
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	9.3	13.9
100	12.2	7.5	11.3

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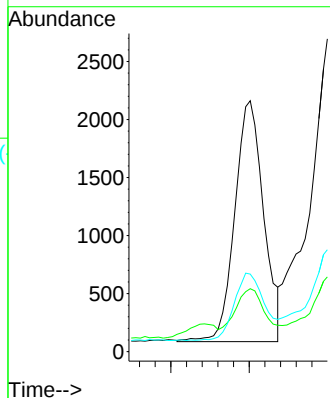
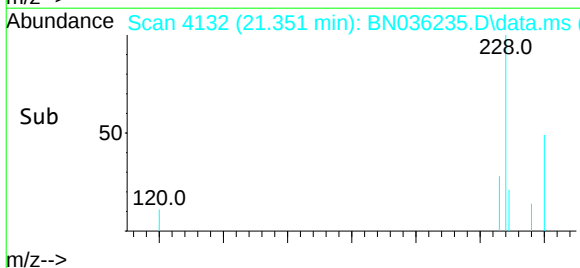
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025

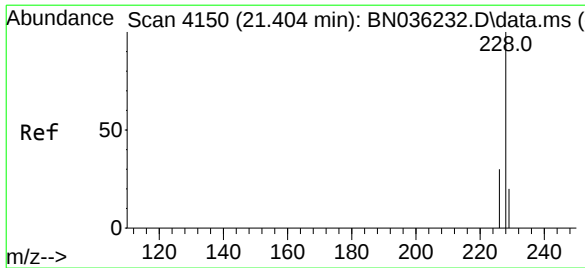


#21
Benzo(a)anthracene
Concen: 0.094 ng/u1 m
RT: 21.351 min Scan# 4132
Delta R.T. 0.005 min
Lab File: BN036235.D
Acq: 03 Feb 2025 18:49



Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.1	15.9	23.9
226	30.9	22.8	34.2





#22

Chrysene

Concen: 0.146 ng/u1

RT: 21.400 min Scan# 41

Delta R.T. 0.002 min

Lab File: BN036235.D

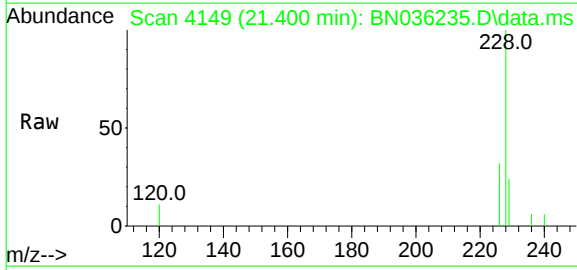
Acq: 03 Feb 2025 18:49

Instrument :

BNA_N

ClientSampleId :

A6305DL

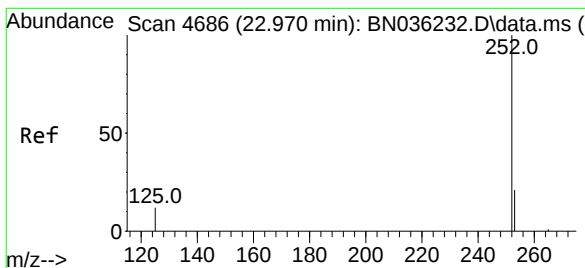
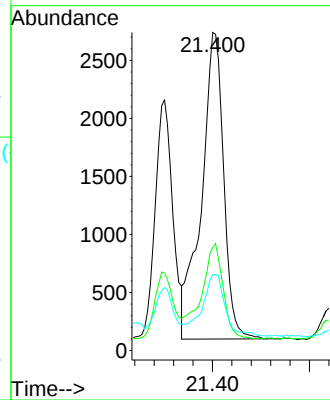
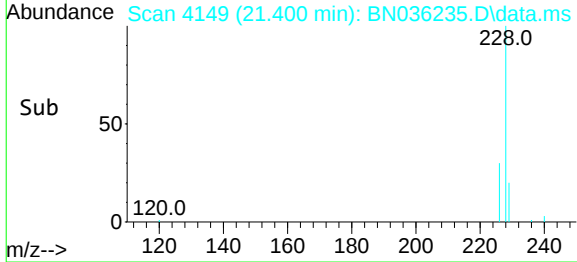


Tgt Ion:	228	Resp:	4214
Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.4	36.6
229	23.8	15.9	23.9

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#24

Benzo(b)fluoranthene

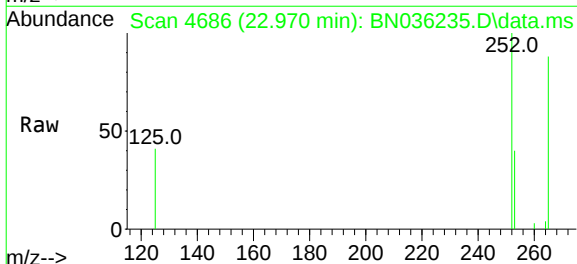
Concen: 0.209 ng/u1 m

RT: 22.970 min Scan# 4686

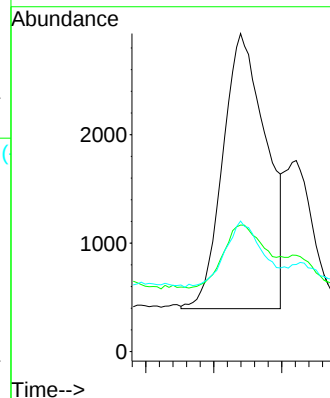
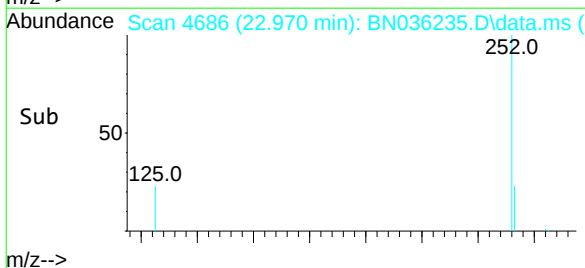
Delta R.T. 0.008 min

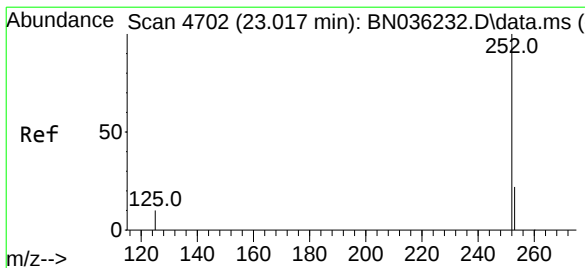
Lab File: BN036235.D

Acq: 03 Feb 2025 18:49



Tgt Ion:	252	Resp:	5620
Ion	Ratio	Lower	Upper
252	100		
253	39.8	0.0	51.2
125	41.0	0.0	27.8#





#25

Benzo(k)fluoranthene

Concen: 0.070 ng/u1 m

RT: 23.011 min Scan# 47

Delta R.T. 0.002 min

Lab File: BN036235.D

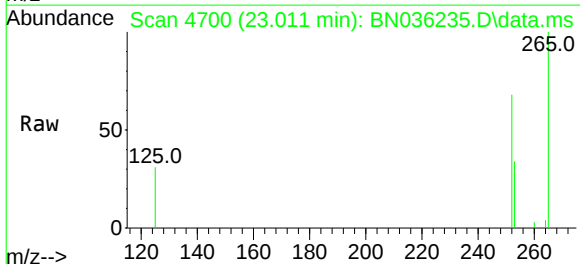
Acq: 03 Feb 2025 18:49

Instrument :

BNA_N

ClientSampleId :

A6305DL



Tgt Ion:252 Resp: 1990

Ion Ratio Lower Upper

252 100

253 50.4 20.2 30.4#

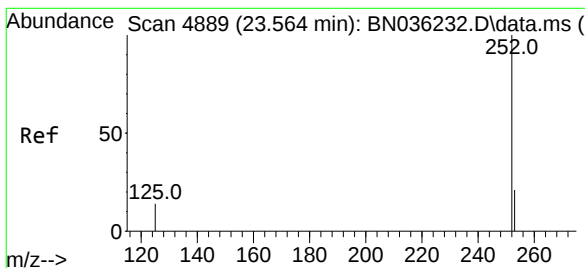
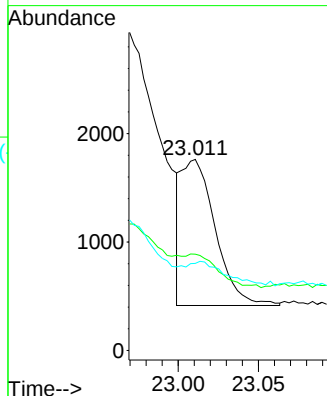
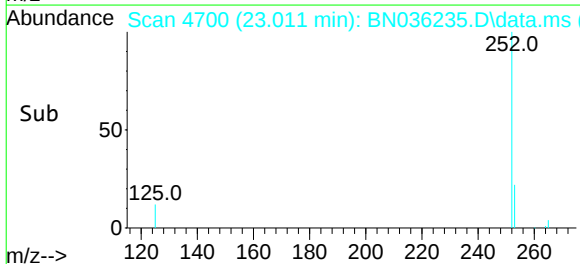
125 45.6 10.6 16.0#

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#26

Benzo(a)pyrene

Concen: 0.141 ng/u1

RT: 23.557 min Scan# 4887

Delta R.T. 0.002 min

Lab File: BN036235.D

Acq: 03 Feb 2025 18:49

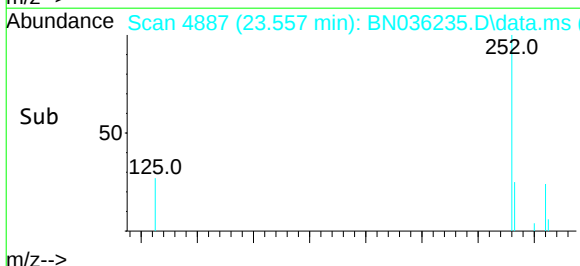
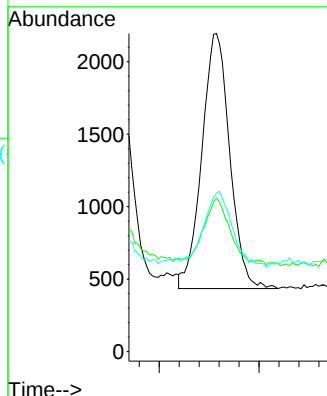
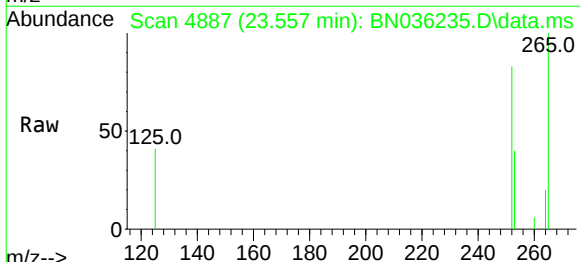
Tgt Ion:252 Resp: 3413

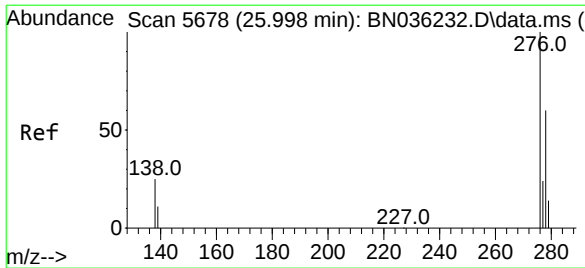
Ion Ratio Lower Upper

252 100

253 48.2 22.2 33.4#

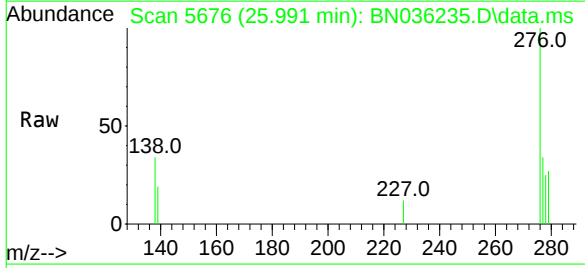
125 49.8 13.1 19.7#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.082 ng/ul
 RT: 25.991 min Scan# 5678
 Delta R.T. 0.003 min
 Lab File: BN036235.D
 Acq: 03 Feb 2025 18:49

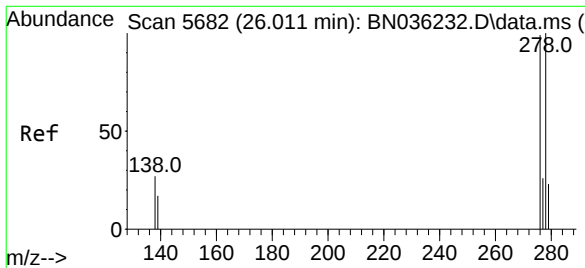
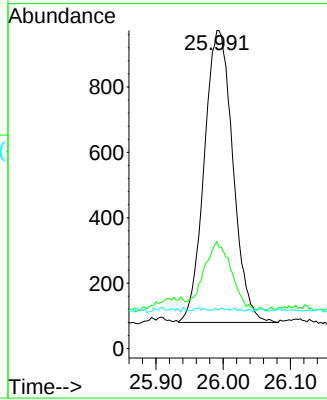
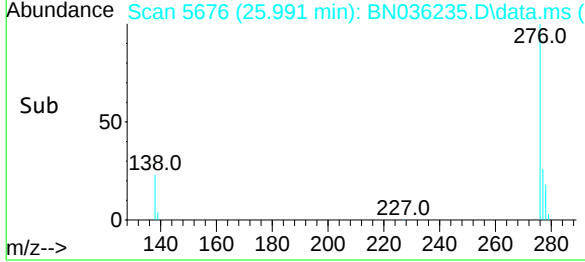
Instrument :
 BNA_N
 ClientSampleId :
 A6305DL



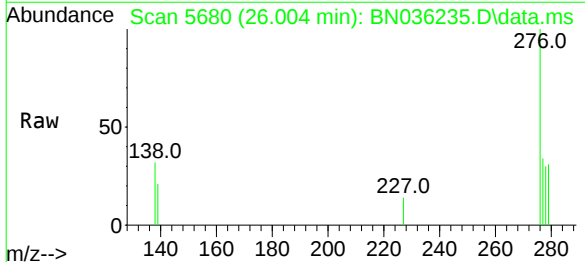
Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	20.2	30.4
227	0.4	0.1	0.1

Manual Integrations
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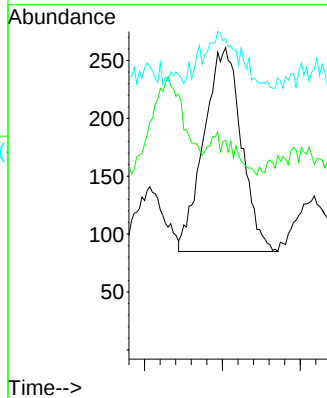
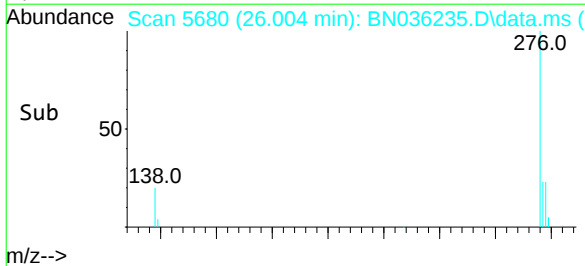
Reviewed By :Jagrut Upadhyay 02/04/2025
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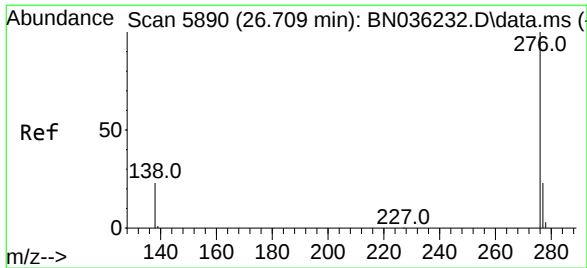


#28
 Dibenzo(a,h)anthracene
 Concen: 0.024 ng/ul
 RT: 26.004 min Scan# 5680
 Delta R.T. 0.006 min
 Lab File: BN036235.D
 Acq: 03 Feb 2025 18:49



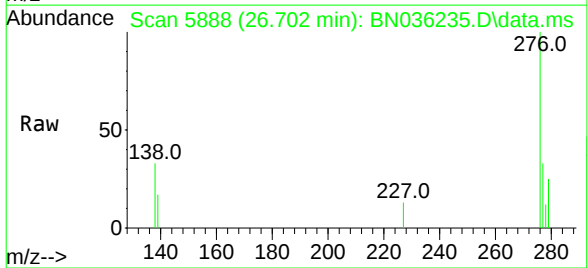
Tgt Ion	Ratio	Lower	Upper
278	100		
139	69.3	15.4	23.2
279	103.1	22.2	33.4





#29
 Benzo(g,h,i)perylene
 Concen: 0.110 ng/ul
 RT: 26.702 min Scan# 58
 Delta R.T. -0.001 min
 Lab File: BN036235.D
 Acq: 03 Feb 2025 18:49

Instrument :
 BNA_N
 ClientSampleId :
 A6305DL



Tgt	Ion	276	Resp:	2750
Ion	Ratio	Lower	Upper	
276	100			
138	33.4	19.4	29.0	#
277	33.4	21.1	31.7	#

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