

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
 Data File : BN036238.D
 Acq On : 03 Feb 2025 20:37
 Operator : RC/JU
 Sample : Q1224-10DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6308DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 04 08:01:09 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	3653	0.400	ng/ul	0.00
4) Naphthalene-d8	10.579	136	8720	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.428	164	4785	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.175	188	9280	0.400	ng/ul	0.00
17) Chrysene-d12	21.365	240	8213	0.400	ng/ul	# 0.00
23) Perylene-d12	23.660	264	8989	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	1928	0.482	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.168	152	331	0.030	ng/ul	0.00
18) Fluoranthene-d10	19.202	212	531	0.024	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.146	152	519	0.023	ng/ul#	74
15) Phenanthrene	17.218	178	11530	0.424	ng/ul	98
16) Anthracene	17.306	178	1081	0.043	ng/ul#	86
19) Fluoranthene	19.235	202	34531	1.106	ng/ul	98
20) Pyrene	19.597	202	24550	0.753	ng/ul	95
21) Benzo(a)anthracene	21.351	228	10098	0.344	ng/ul	97
22) Chrysene	21.400	228	16827	0.562	ng/ul	97
24) Benzo(b)fluoranthene	22.970	252	23887m	0.796	ng/ul	
25) Benzo(k)fluoranthene	23.014	252	8117m	0.257	ng/ul	
26) Benzo(a)pyrene	23.557	252	7970	0.294	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.994	276	8810	0.246	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.001	278	2552	0.092	ng/ul#	59
29) Benzo(g,h,i)perylene	26.708	276	1303	0.047	ng/ul#	48

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

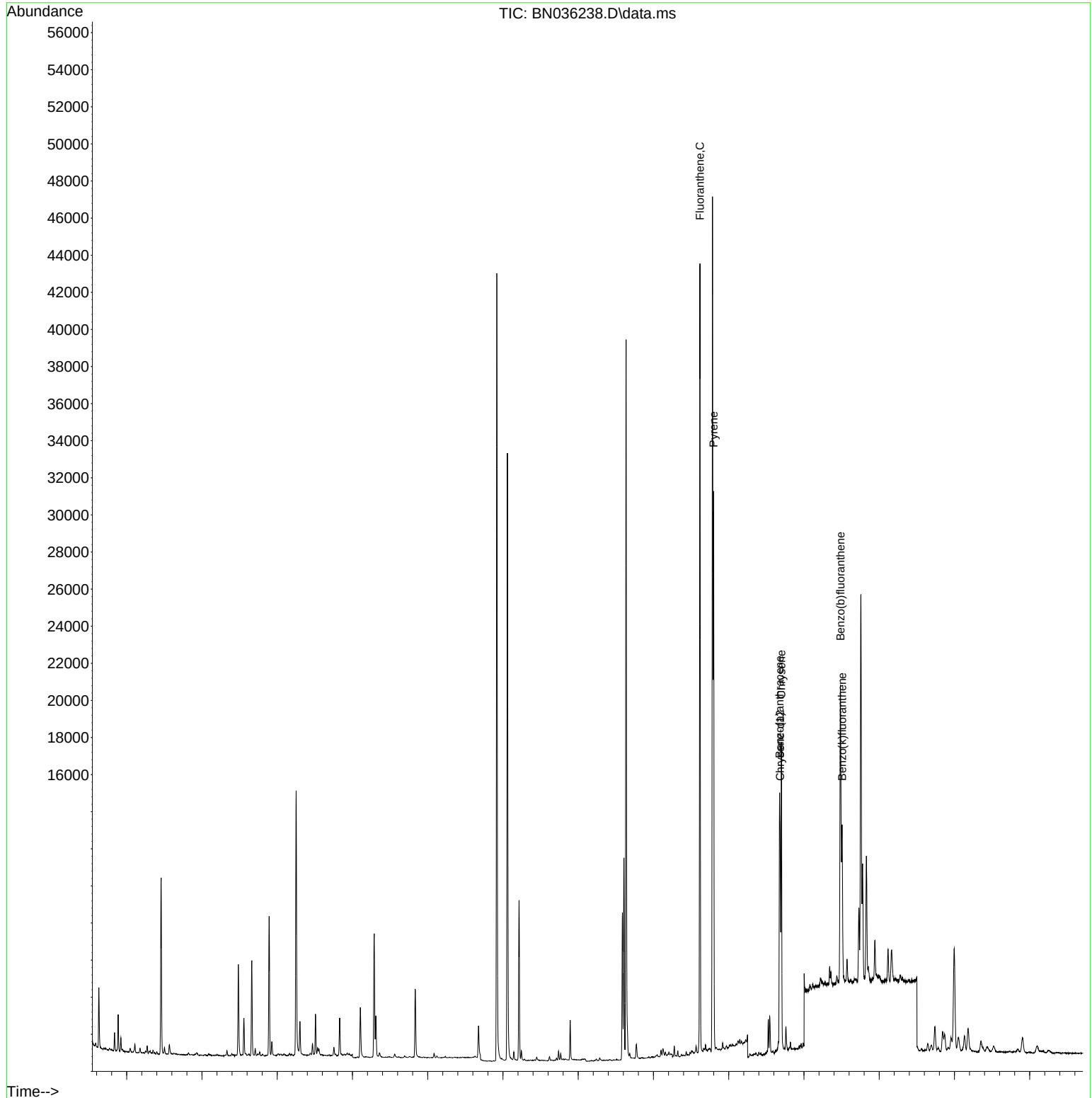
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036238.D
Acq On : 03 Feb 2025 20:37
Operator : RC/JU
Sample : Q1224-10DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

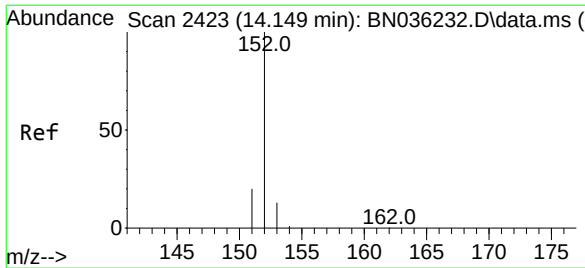
Instrument :
BNA_N
ClientSampleId :
A6308DL

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Quant Time: Feb 04 08:01:09 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





#10

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.146 min Scan# 2423

Delta R.T. 0.001 min

Lab File: BN036238.D

Acq: 03 Feb 2025 20:37

Instrument :

BNA_N

ClientSampleId :

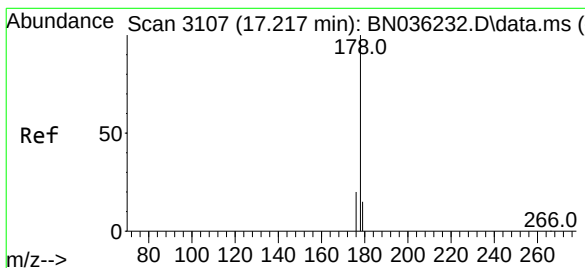
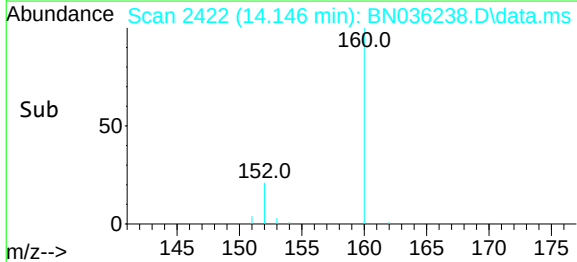
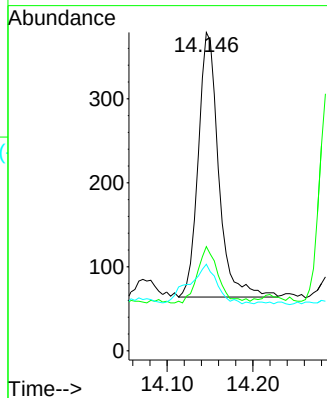
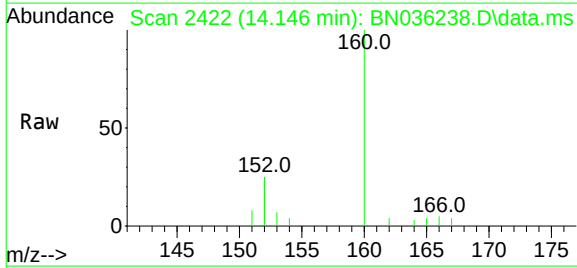
A6308DL

Tgt Ion:	152	Resp:	519
Ion Ratio	Lower	Upper	
152	100		
151	32.7	17.4	26.2
153	27.2	11.9	17.9

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#15

Phenanthrene

Concen: 0.424 ng/ul

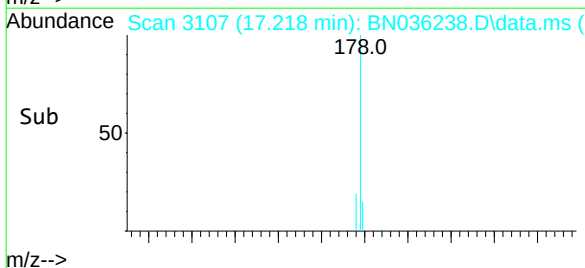
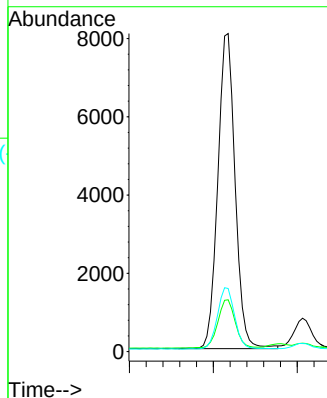
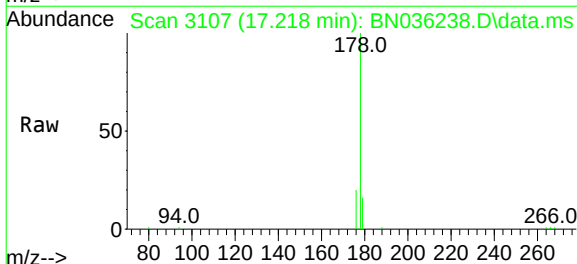
RT: 17.218 min Scan# 3107

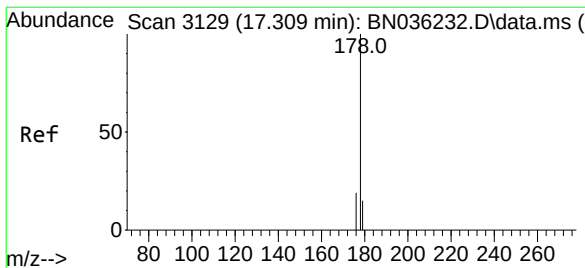
Delta R.T. 0.005 min

Lab File: BN036238.D

Acq: 03 Feb 2025 20:37

Tgt Ion:	178	Resp:	11530
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.2	19.8
176	19.8	16.8	25.2





#16

Anthracene

Concen: 0.043 ng/ul

RT: 17.306 min Scan# 31

Delta R.T. 0.001 min

Lab File: BN036238.D

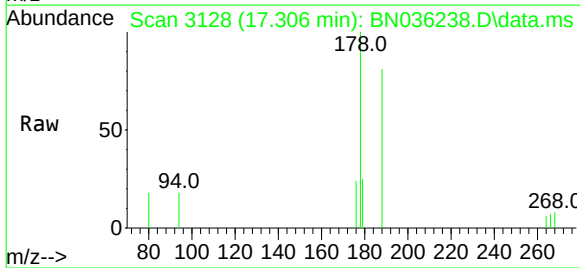
Acq: 03 Feb 2025 20:37

Instrument :

BNA_N

ClientSampleId :

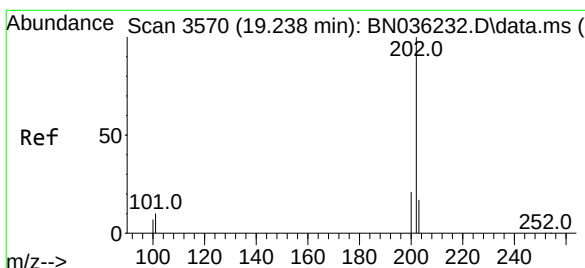
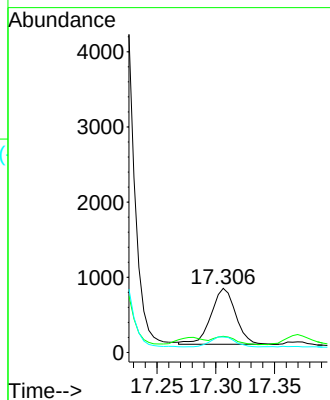
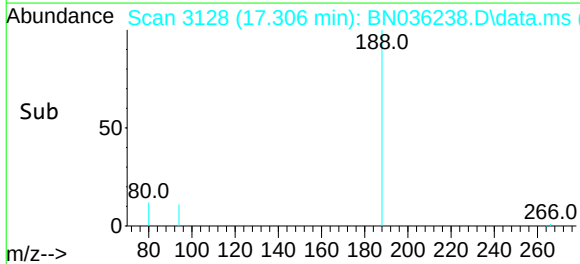
A6308DL



Tgt Ion	Ratio	Lower	Upper
178	100		
179	25.2	13.0	19.4
176	24.0	15.9	23.9

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#19

Fluoranthene

Concen: 1.106 ng/ul

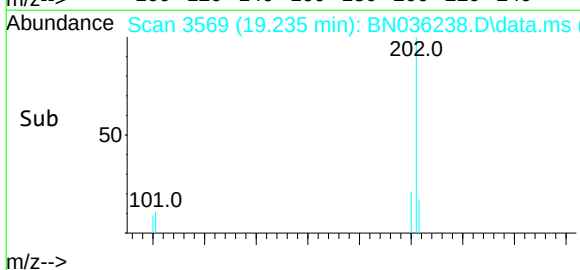
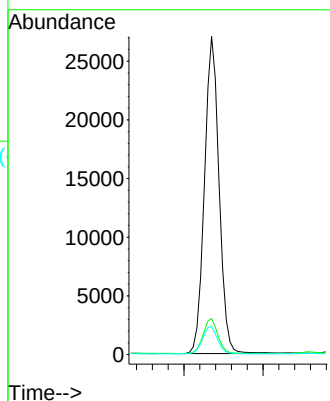
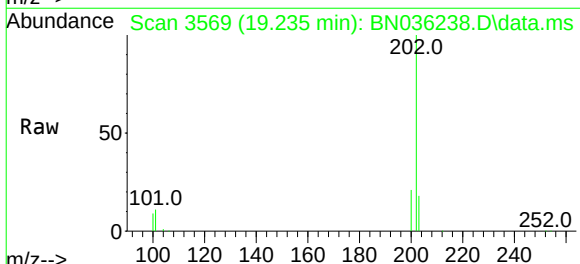
RT: 19.235 min Scan# 3569

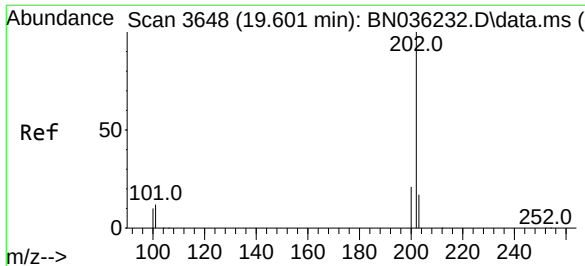
Delta R.T. 0.001 min

Lab File: BN036238.D

Acq: 03 Feb 2025 20:37

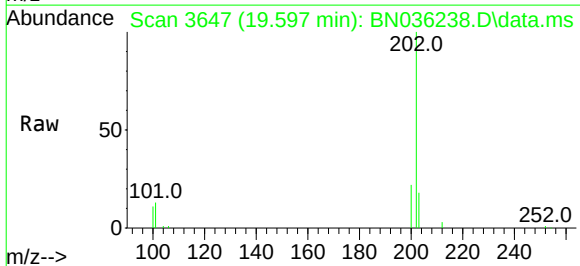
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.4	12.6
100	8.8	6.5	9.7





#20
Pyrene
Concen: 0.753 ng/u1
RT: 19.597 min Scan# 3647
Delta R.T. 0.001 min
Lab File: BN036238.D
Acq: 03 Feb 2025 20:37

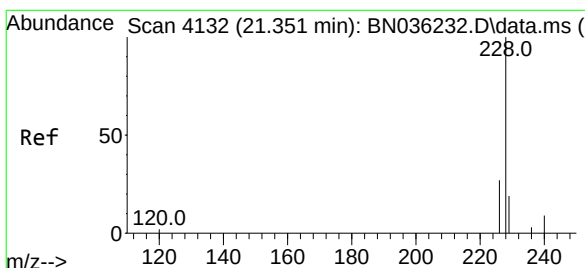
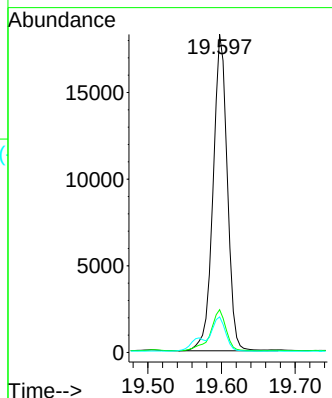
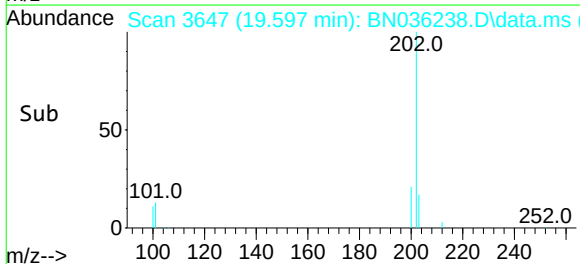
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.3	13.9
100	11.2	7.5	11.3

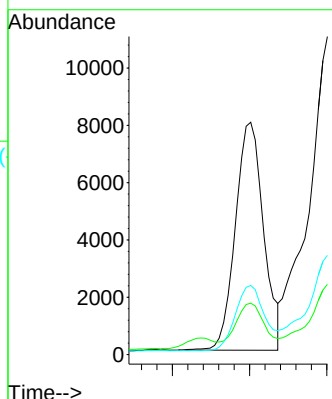
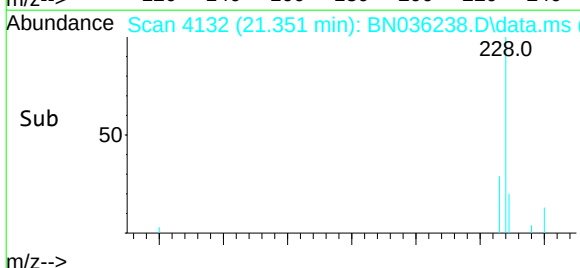
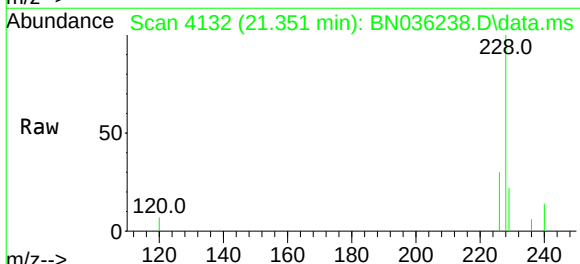
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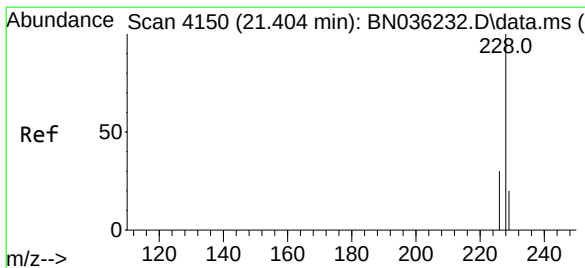
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



#21
Benzo(a)anthracene
Concen: 0.344 ng/u1
RT: 21.351 min Scan# 4132
Delta R.T. 0.005 min
Lab File: BN036238.D
Acq: 03 Feb 2025 20:37

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.9	23.9
226	29.8	22.8	34.2





#22

Chrysene

Concen: 0.562 ng/u1

RT: 21.400 min Scan# 41

Delta R.T. 0.002 min

Lab File: BN036238.D

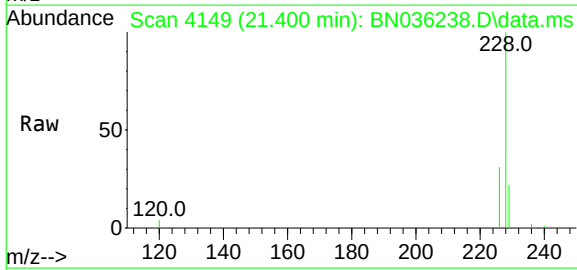
Acq: 03 Feb 2025 20:37

Instrument :

BNA_N

ClientSampleId :

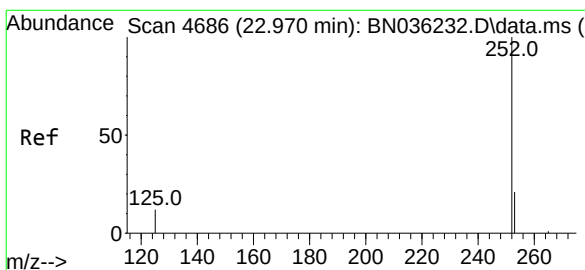
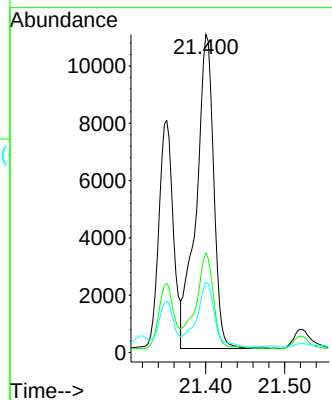
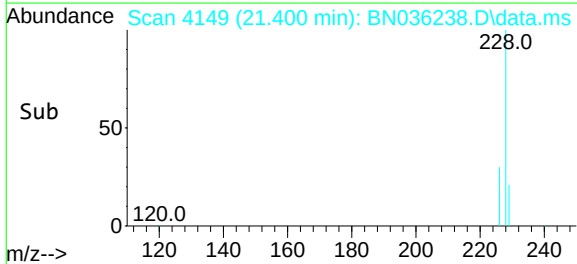
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Tgt	Ion:228	Resp:	16827
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	22.1	15.9	23.9

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#24

Benzo(b)fluoranthene

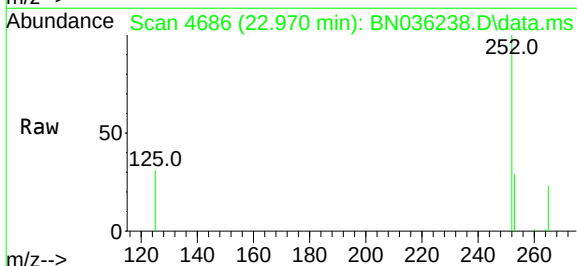
Concen: 0.796 ng/u1 m

RT: 22.970 min Scan# 4686

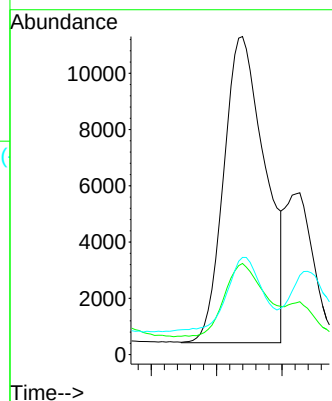
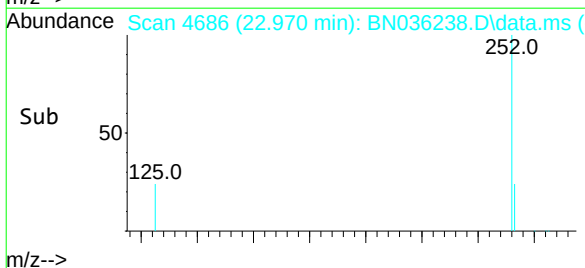
Delta R.T. 0.008 min

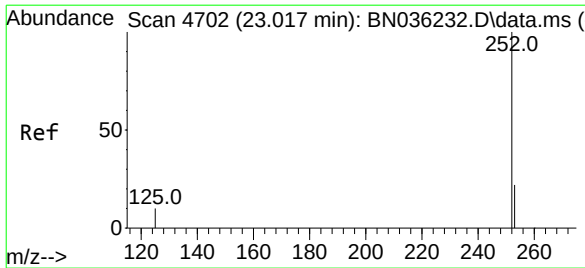
Lab File: BN036238.D

Acq: 03 Feb 2025 20:37



Tgt	Ion:252	Resp:	23887
Ion	Ratio	Lower	Upper
252	100		
253	28.7	0.0	51.2
125	30.6	0.0	27.8#





#25

Benzo(k)fluoranthene

Concen: 0.257 ng/u1 m

RT: 23.014 min Scan# 47

Delta R.T. 0.005 min

Lab File: BN036238.D

Acq: 03 Feb 2025 20:37

Instrument :

BNA_N

ClientSampleId :

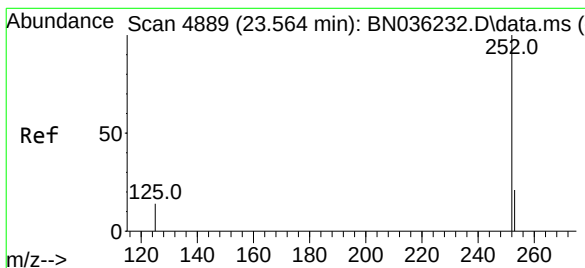
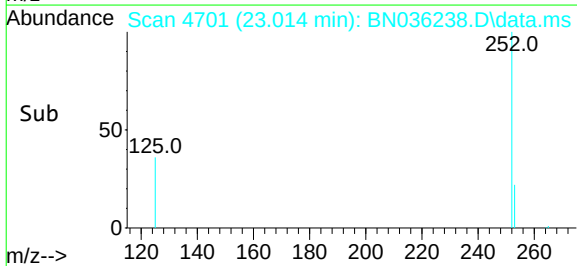
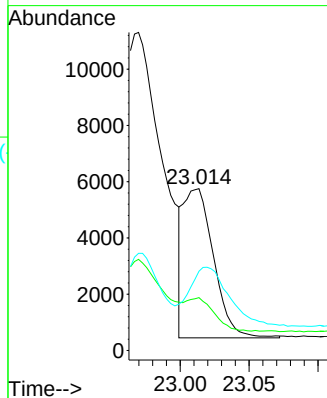
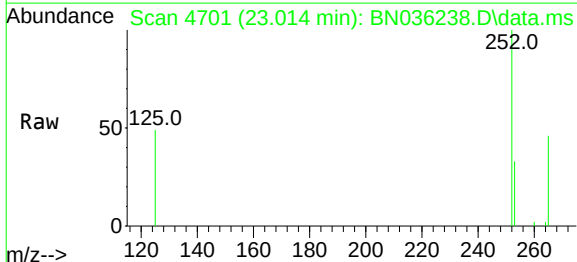
A6308DL

Tgt	Ion:252	Resp:	8117
Ion	Ratio	Lower	Upper
252	100		
253	32.7	20.2	30.4#
125	49.0	10.6	16.0#

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#26

Benzo(a)pyrene

Concen: 0.294 ng/u1

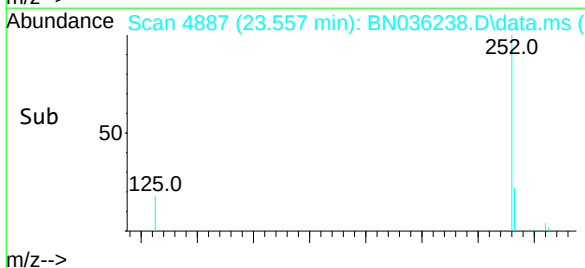
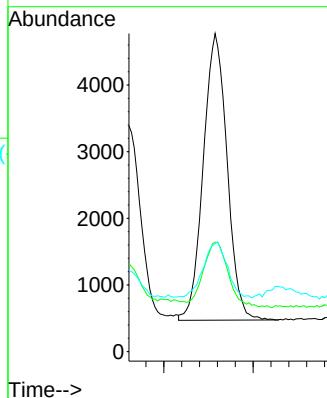
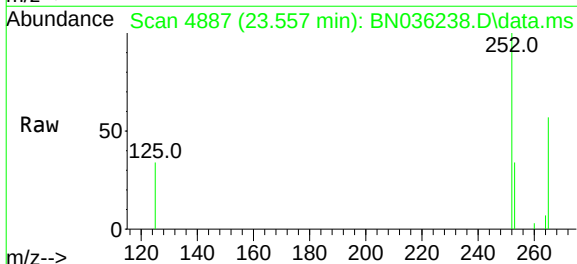
RT: 23.557 min Scan# 4887

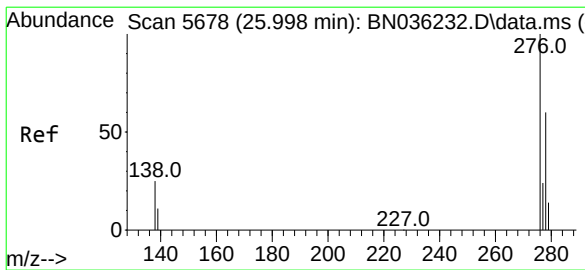
Delta R.T. 0.002 min

Lab File: BN036238.D

Acq: 03 Feb 2025 20:37

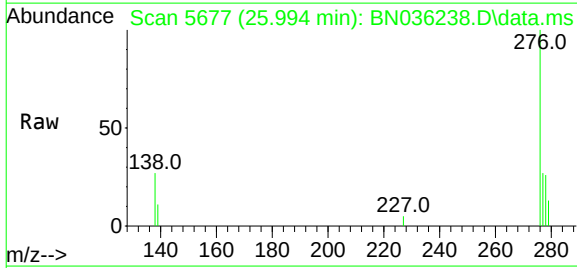
Tgt	Ion:252	Resp:	7970
Ion	Ratio	Lower	Upper
252	100		
253	34.4	22.2	33.4#
125	33.9	13.1	19.7#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.246 ng/u1
 RT: 25.994 min Scan# 5678
 Delta R.T. 0.006 min
 Lab File: BN036238.D
 Acq: 03 Feb 2025 20:37

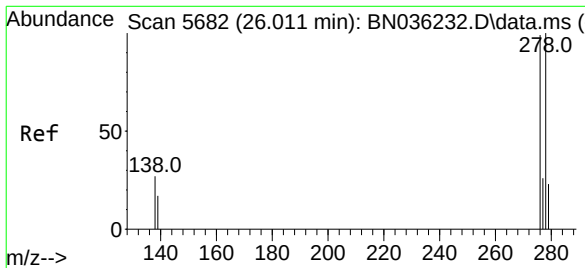
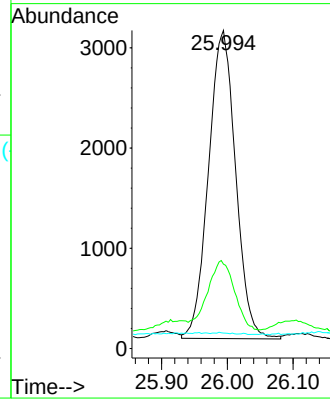
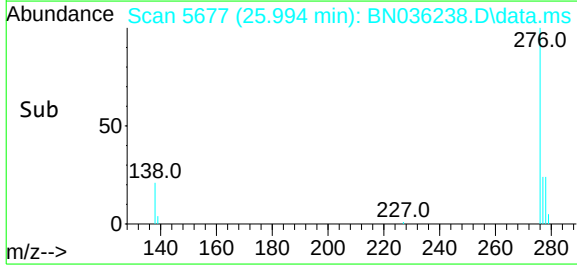
Instrument :
 BNA_N
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 A6308DL



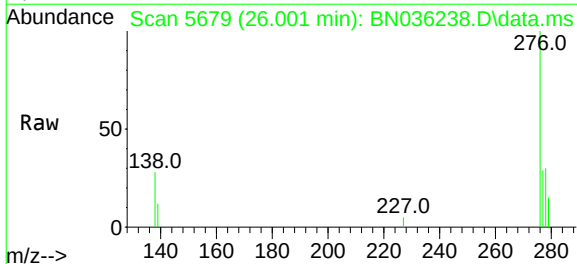
Tgt Ion: 276 Resp: 8810
 Ion Ratio Lower Upper
 276 100
 138 23.6 20.2 30.4
 227 0.2 0.1 0.1#

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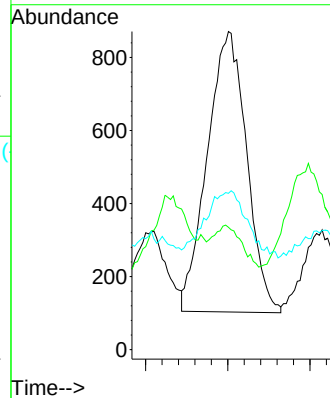
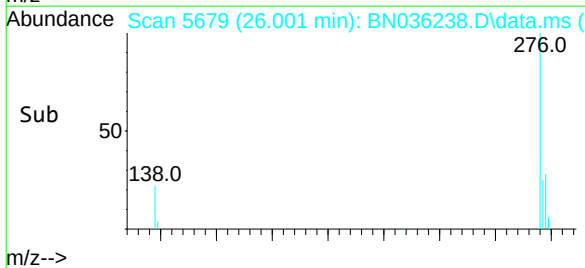
Reviewed By :Jagrut Upadhyay 02/04/2025
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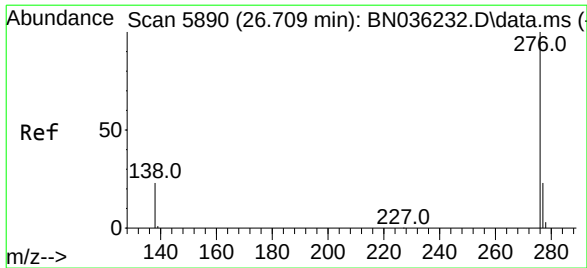


#28
 Dibenzo(a,h)anthracene
 Concen: 0.092 ng/u1
 RT: 26.001 min Scan# 5679
 Delta R.T. 0.003 min
 Lab File: BN036238.D
 Acq: 03 Feb 2025 20:37



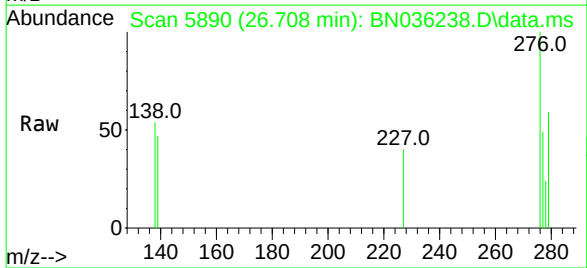
Tgt Ion: 278 Resp: 2552
 Ion Ratio Lower Upper
 278 100
 139 38.5 15.4 23.2#
 279 49.1 22.2 33.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.047 ng/ul
 RT: 26.708 min Scan# 5890
 Delta R.T. 0.006 min
 Lab File: BN036238.D
 Acq: 03 Feb 2025 20:37

Instrument :
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 ClientSampleId :
 A6308DL



Tgt	Ion	276	Resp:	1303
Ion	Ratio	Lower	Upper	
276	100			
138	54.2	19.4	29.0	#
277	49.1	21.1	31.7	#

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