

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
 Data File : BN036262.D
 Acq On : 04 Feb 2025 16:20
 Operator : RC/JU
 Sample : Q1248-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6325

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2025
 Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 05 07:46:29 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	7.779	152	3451	0.400	ng/ul	0.00
4) Naphthalene-d8	10.572	136	8757	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.422	164	5134	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.166	188	9696	0.400	ng/ul	0.00
17) Chrysene-d12	21.351	240	6559	0.400	ng/ul	#-0.01
23) Perylene-d12	23.640	264	6519m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	12465	3.299	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.161	152	2464	0.223	ng/ul	0.00
18) Fluoranthene-d10	19.192	212	3207	0.178	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.204	178	1816	0.064	ng/ul#	93
19) Fluoranthene	19.225	202	3149	0.126	ng/ul#	85
20) Pyrene	19.587	202	2905m	0.112	ng/ul	
21) Benzo(a)anthracene	21.337	228	948	0.040	ng/ul#	82
22) Chrysene	21.386	228	1400	0.059	ng/ul#	84
24) Benzo(b)fluoranthene	22.953	252	1807m	0.083	ng/ul	
25) Benzo(k)fluoranthene	22.991	252	672m	0.029	ng/ul	
26) Benzo(a)pyrene	23.538	252	1104	0.056	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.958	276	799	0.031	ng/ul#	93
29) Benzo(g,h,i)perylene	26.672	276	817	0.040	ng/ul#	41

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

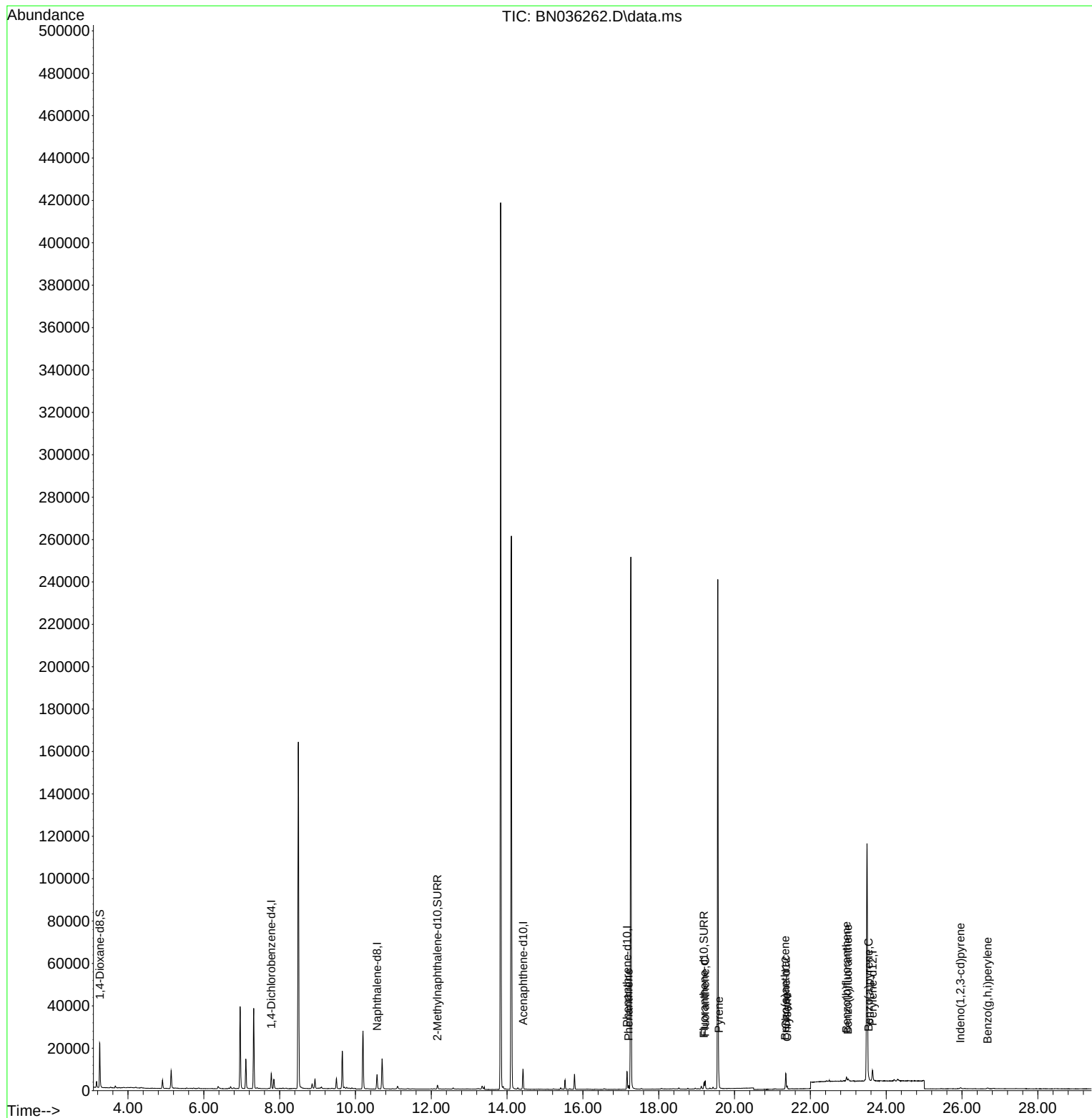
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
Data File : BN036262.D
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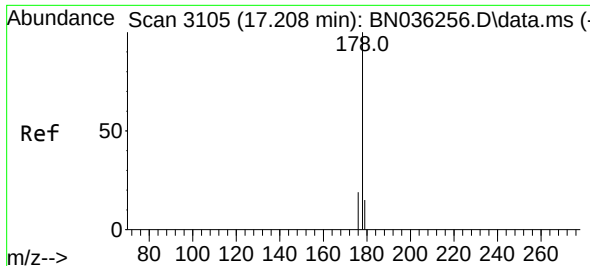
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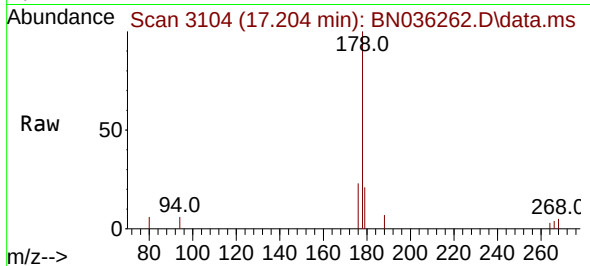
Quant Time: Feb 05 07:46:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.064 ng/ul
RT: 17.204 min Scan# 3104
Delta R.T. -0.008 min
Lab File: BN036262.D
Acq: 04 Feb 2025 16:20

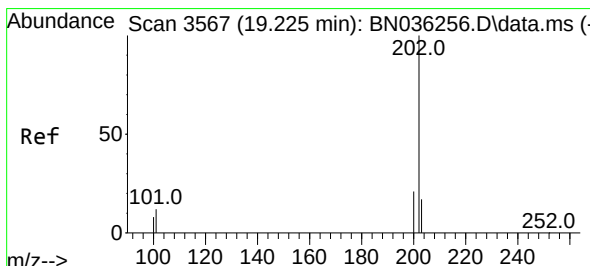
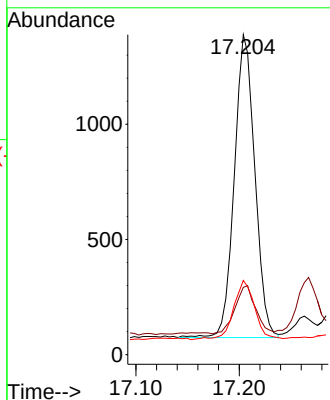
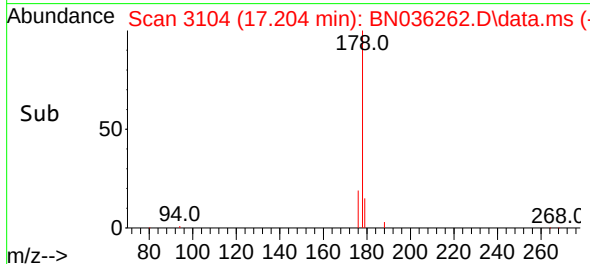
Instrument :
BNA_N
ClientSampleId :
A6325



Tgt Ion:178 Resp: 1810
Ion Ratio Lower Upper
178 100
179 21.0 13.2 19.8#
176 23.2 16.8 25.2#

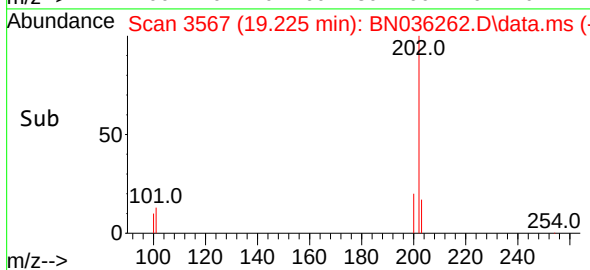
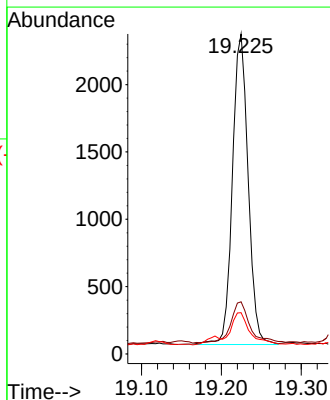
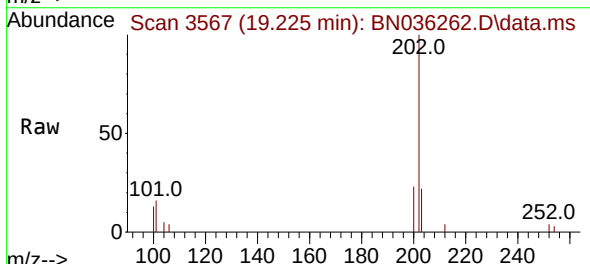
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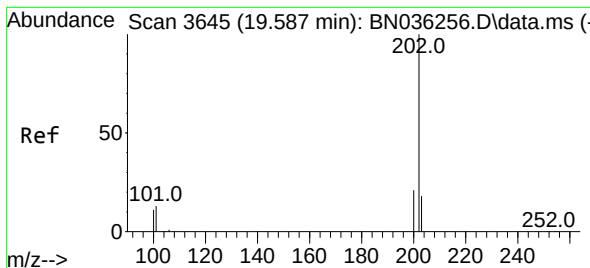
Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025



#19
Fluoranthene
Concen: 0.126 ng/ul
RT: 19.225 min Scan# 3567
Delta R.T. -0.009 min
Lab File: BN036262.D
Acq: 04 Feb 2025 16:20

Tgt Ion:202 Resp: 3149
Ion Ratio Lower Upper
202 100
101 16.3 8.4 12.6#
100 12.9 6.5 9.7#





#20

Pyrene

Concen: 0.112 ng/ul m

RT: 19.587 min Scan# 3645

Delta R.T. -0.009 min

Lab File: BN036262.D

Acq: 04 Feb 2025 16:20

Instrument :

BNA_N

ClientSampleId :

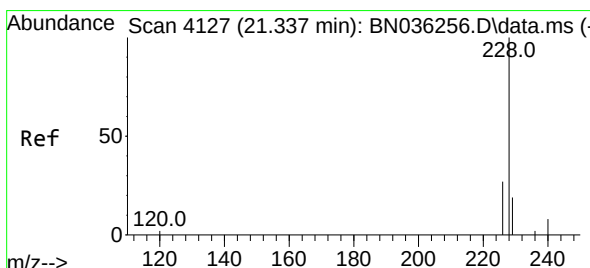
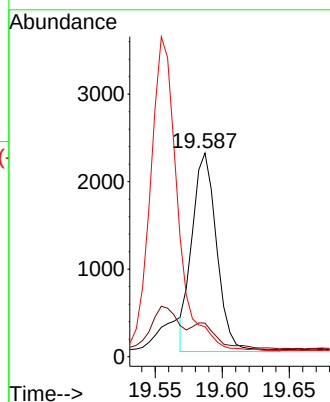
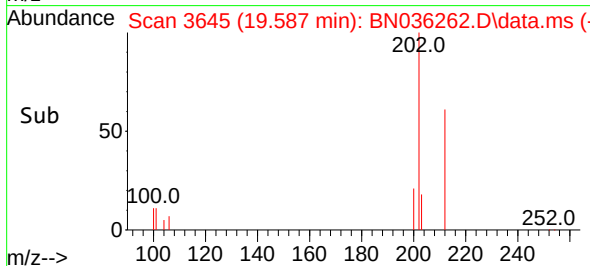
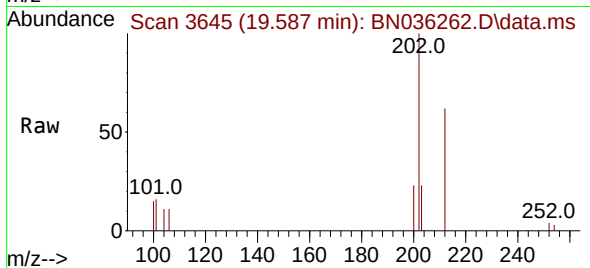
A6325

Tgt Ion:	202	Resp:	290
Ion Ratio	Lower	Upper	
202	100		
101	16.5	9.3	13.9
100	14.7	7.5	11.3

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#21

Benzo(a)anthracene

Concen: 0.040 ng/ul

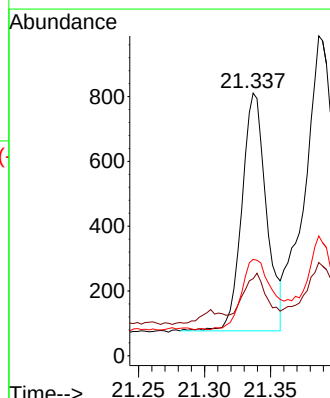
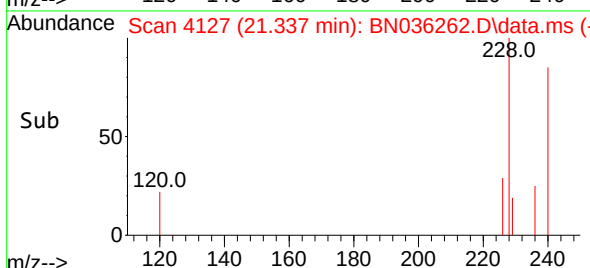
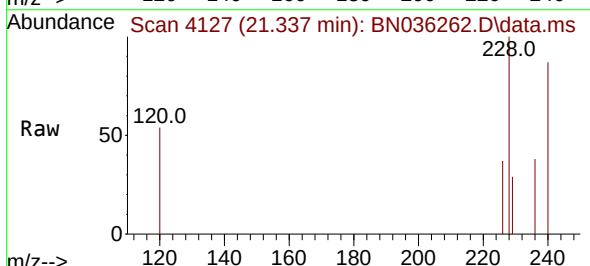
RT: 21.337 min Scan# 4127

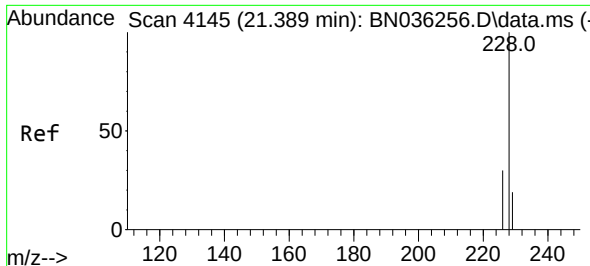
Delta R.T. -0.009 min

Lab File: BN036262.D

Acq: 04 Feb 2025 16:20

Tgt Ion:	228	Resp:	948
Ion Ratio	Lower	Upper	
228	100		
229	29.3	15.9	23.9
226	36.7	22.8	34.2





#22

Chrysene

Concen: 0.059 ng/ul

RT: 21.386 min Scan# 4145

Delta R.T. -0.012 min

Lab File: BN036262.D

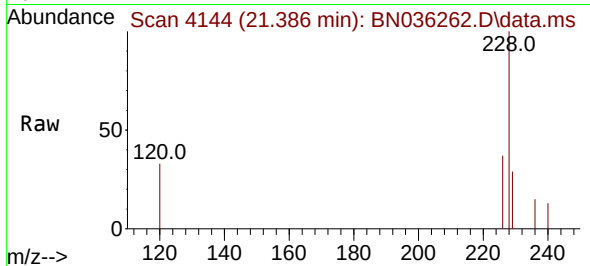
Acq: 04 Feb 2025 16:20

Instrument :

BNA_N

ClientSampleId :

A6325



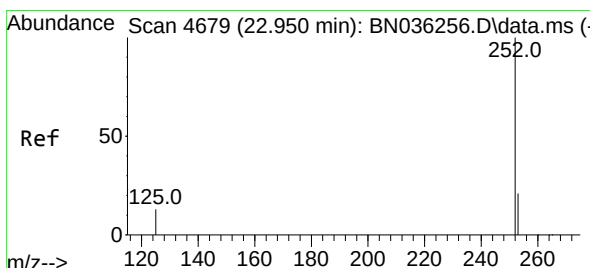
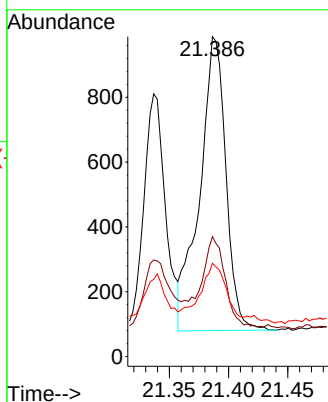
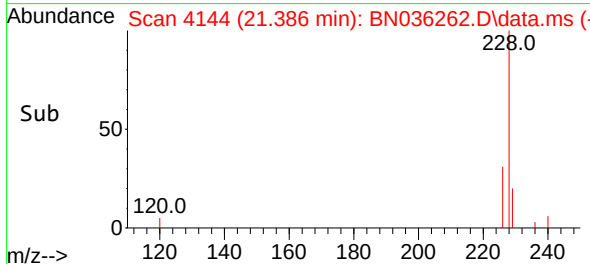
Tgt Ion:228 Resp: 1400

Ion	Ratio	Lower	Upper
228	100		
226	37.5	24.4	36.6
229	29.2	15.9	23.9

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#24

Benzo(b)fluoranthene

Concen: 0.083 ng/ul m

RT: 22.953 min Scan# 4680

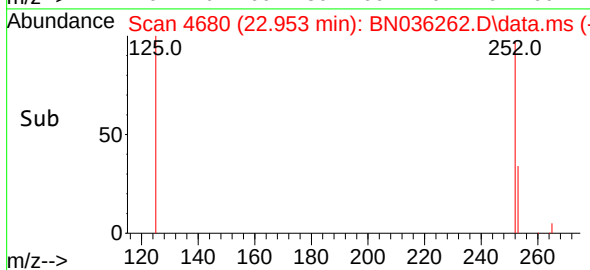
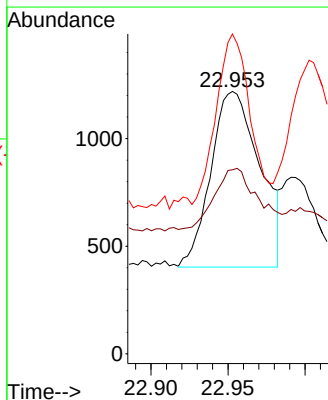
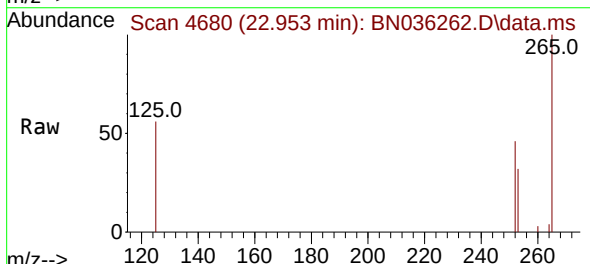
Delta R.T. -0.009 min

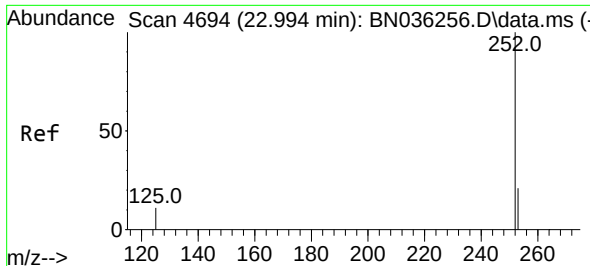
Lab File: BN036262.D

Acq: 04 Feb 2025 16:20

Tgt Ion:252 Resp: 1807

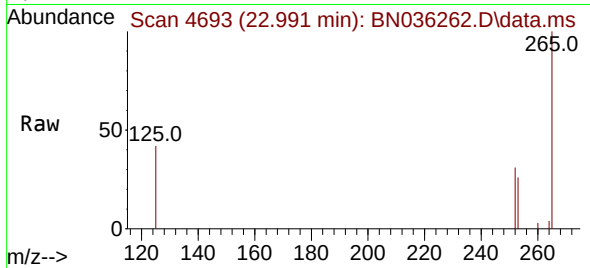
Ion	Ratio	Lower	Upper
252	100		
253	70.1	0.0	51.2#
125	121.9	0.0	27.8#





#25
Benzo(k)fluoranthene
Concen: 0.029 ng/ul m
RT: 22.991 min Scan# 4693
Delta R.T. -0.017 min
Lab File: BN036262.D
Acq: 04 Feb 2025 16:20

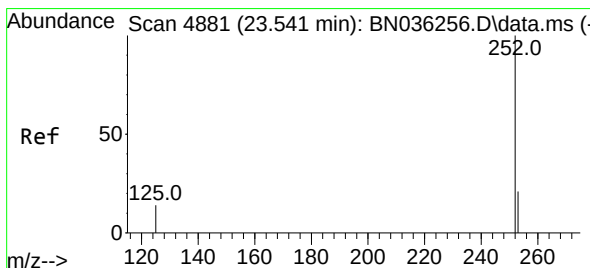
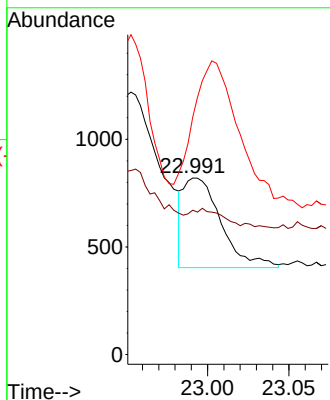
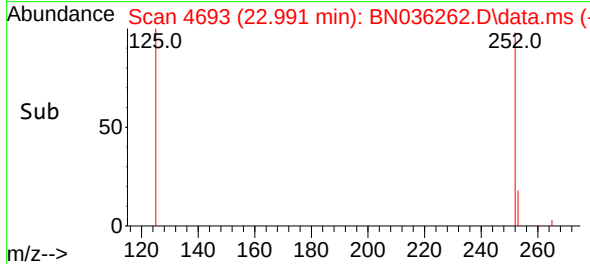
Instrument :
BNA_N
ClientSampleId :
A6325



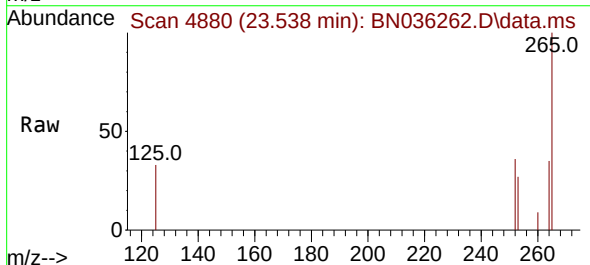
Tgt Ion:252 Resp: 672
Ion Ratio Lower Upper
252 100
253 81.8 20.2 30.4#
125 134.5 10.6 16.0#

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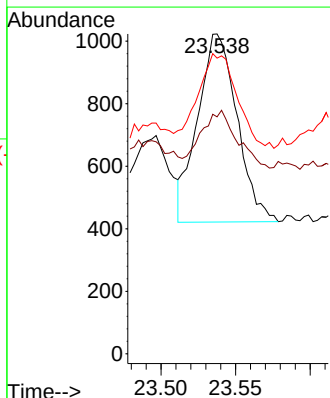
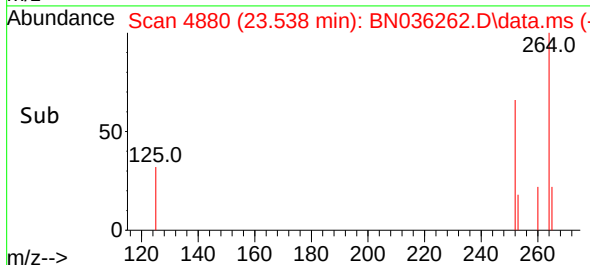
Reviewed By :Jagrut Upadhyay 02/05/2025
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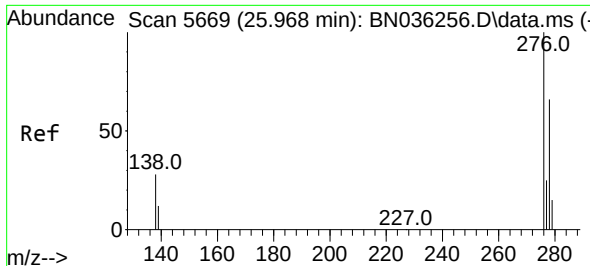


#26
Benzo(a)pyrene
Concen: 0.056 ng/ul
RT: 23.538 min Scan# 4880
Delta R.T. -0.017 min
Lab File: BN036262.D
Acq: 04 Feb 2025 16:20



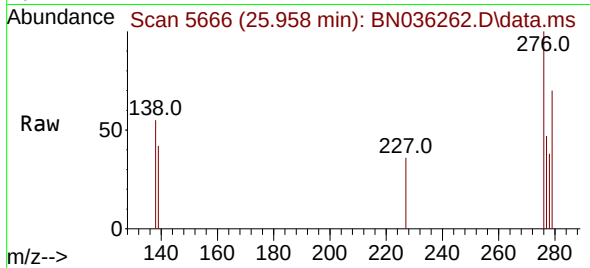
Tgt Ion:252 Resp: 1104
Ion Ratio Lower Upper
252 100
253 74.1 22.2 33.4#
125 92.5 13.1 19.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng/ul
RT: 25.958 min Scan# 5666
Delta R.T. -0.030 min
Lab File: BN036262.D
Acq: 04 Feb 2025 16:20

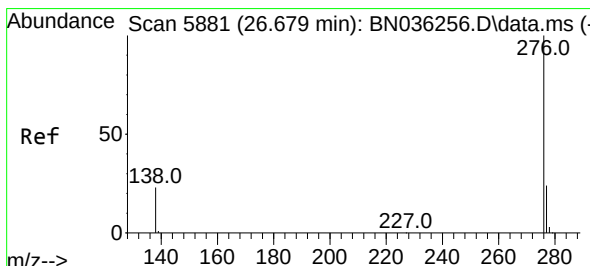
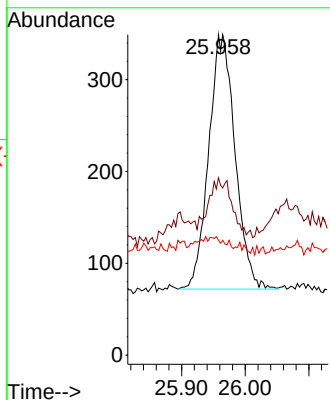
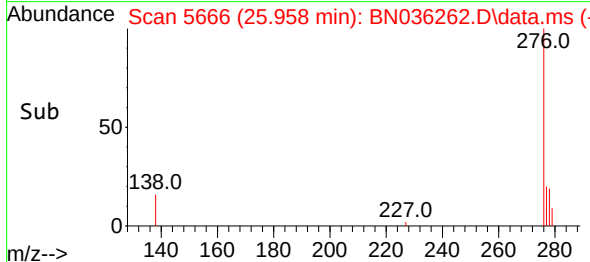
Instrument :
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Tgt Ion:276 Resp: 799
Ion Ratio Lower Upper
276 100
138 21.9 20.2 30.4
227 0.0 0.1 0.1

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#29
Benzo(g,h,i)perylene
Concen: 0.040 ng/ul
RT: 26.672 min Scan# 5879
Delta R.T. -0.030 min
Lab File: BN036262.D
Acq: 04 Feb 2025 16:20

Tgt Ion:276 Resp: 817
Ion Ratio Lower Upper
276 100
138 57.6 19.4 29.0#
277 52.5 21.1 31.7#

