

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036105.D
 Acq On : 29 Jan 2025 11:19
 Operator : RC/JU
 Sample : Q1184-17
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2971

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 12:29:09 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 : Tue Jan 21 23:52:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	3006	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	7108	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.446	164	4433	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	9318m	0.400	ng/ul	0.00
17) Chrysene-d12	21.380	240	6995	0.400	ng/ul	0.00
23) Perylene-d12	23.680	264	5942m	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	14300	4.345	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.189	152	3129	0.349	ng/ul	-0.01
18) Fluoranthene-d10	19.221	212	8621	0.448	ng/ul	0.00
Target Compounds						
					Qvalue	
19) Fluoranthene	19.253	202	1666	0.063	ng/ul#	69
21) Benzo(a)anthracene	21.365	228	861	0.034	ng/ul#	47
22) Chrysene	21.415	228	1013	0.040	ng/ul#	49
24) Benzo(b)fluoranthene	22.984	252	1290m	0.065	ng/ul	
25) Benzo(k)fluoranthene	23.031	252	555m	0.027	ng/ul	
26) Benzo(a)pyrene	23.584	252	503	0.028	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.024	276	535	0.023	ng/ul#	50
29) Benzo(g,h,i)perylene	26.745	276	456	0.025	ng/ul#	1

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

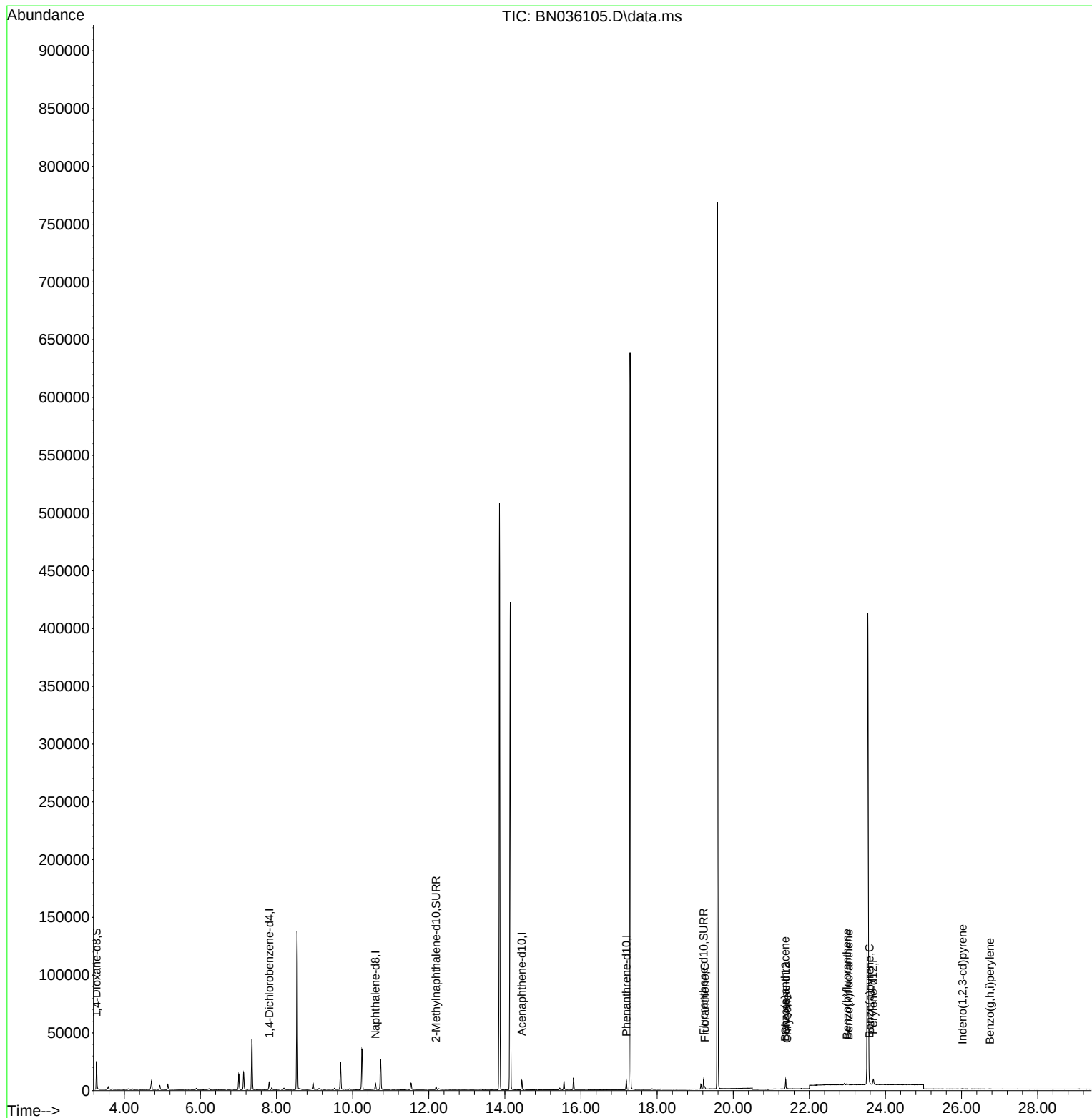
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036105.D
Acq On : 29 Jan 2025 11:19
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ALS Vial : 41 Sample Multiplier: 1

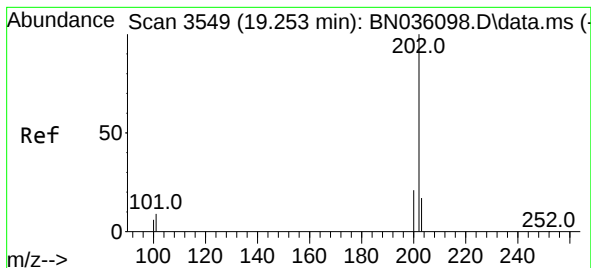
Instrument :
BNA_N
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Quant Time: Jan 29 12:29:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#19

Fluoranthene

Concen: 0.063 ng/u1

RT: 19.253 min Scan# 3549

Delta R.T. 0.006 min

Lab File: BN036105.D

Acq: 29 Jan 2025 11:19

Instrument :

BNA_N

ClientSampleId :

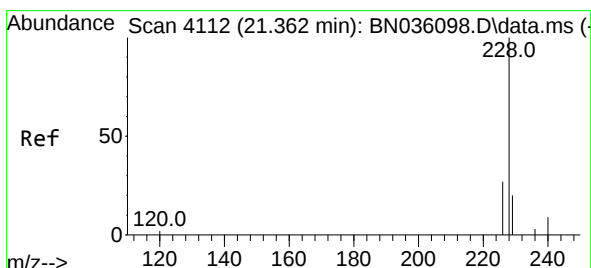
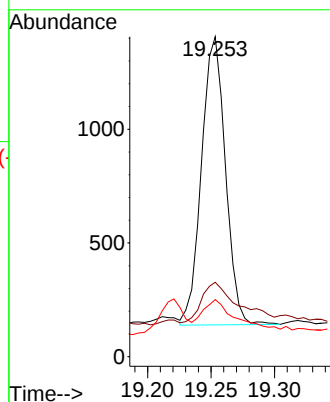
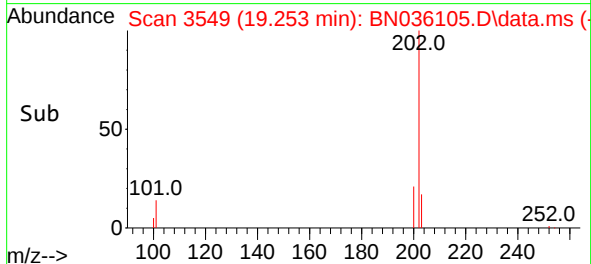
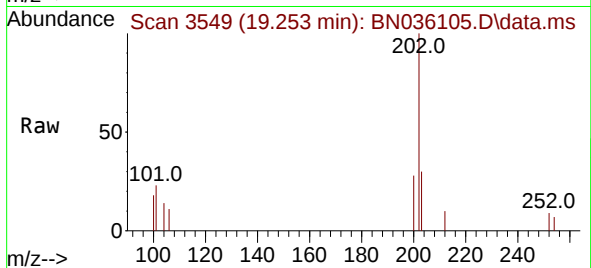
E2971

Tgt Ion:	202	Resp:	1660
Ion Ratio	Lower	Upper	
202	100		
101	23.2	8.4	12.6
100	17.8	6.5	9.7

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#21

Benzo(a)anthracene

Concen: 0.034 ng/u1

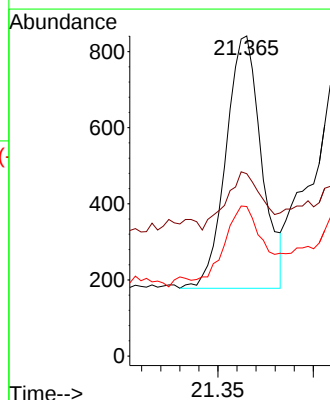
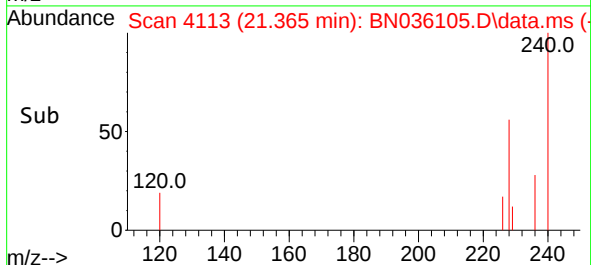
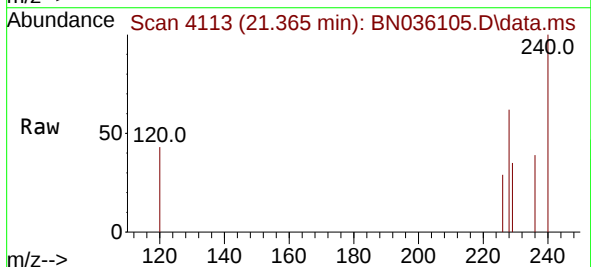
RT: 21.365 min Scan# 4113

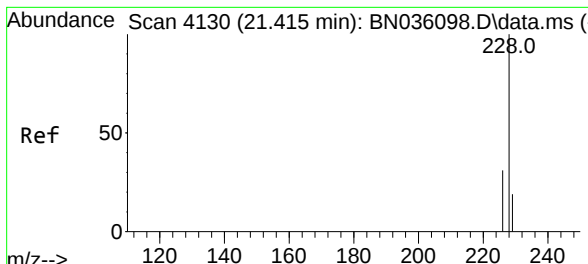
Delta R.T. 0.011 min

Lab File: BN036105.D

Acq: 29 Jan 2025 11:19

Tgt Ion:	228	Resp:	861
Ion Ratio	Lower	Upper	
228	100		
229	57.0	15.9	23.9#
226	46.7	22.8	34.2#





#22

Chrysene

Concen: 0.040 ng/ul

RT: 21.415 min Scan# 4130

Delta R.T. 0.008 min

Lab File: BN036105.D

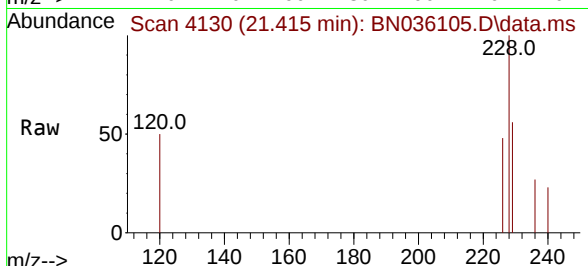
Acq: 29 Jan 2025 11:19

Instrument :

BNA_N

ClientSampleId :

E2971



Tgt Ion:228 Resp: 101

Ion Ratio Lower Upper

228 100

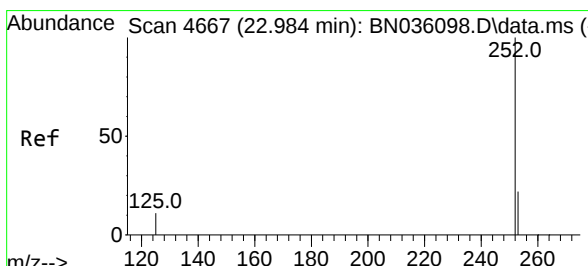
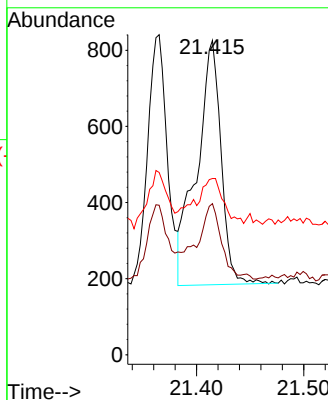
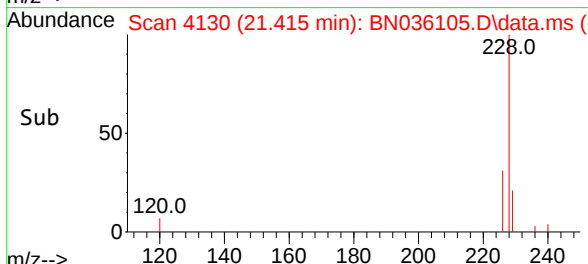
226 48.1 24.4 36.6

229 56.1 15.9 23.9

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#24

Benzo(b)fluoranthene

Concen: 0.065 ng/ul m

RT: 22.984 min Scan# 4667

Delta R.T. 0.011 min

Lab File: BN036105.D

Acq: 29 Jan 2025 11:19

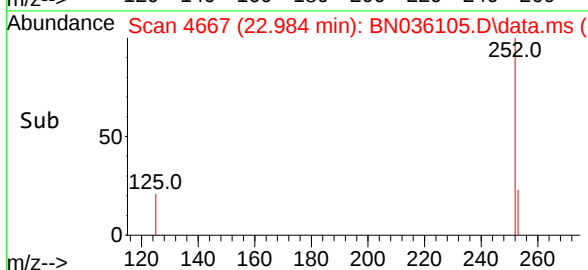
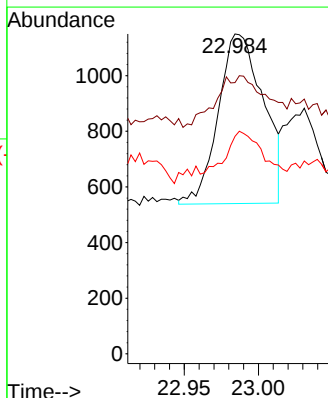
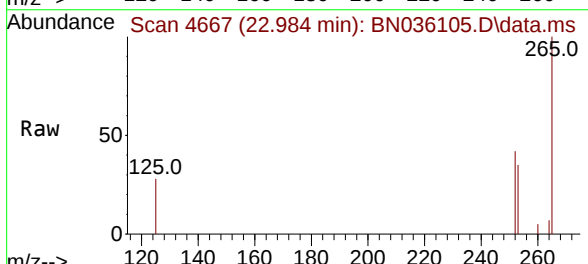
Tgt Ion:252 Resp: 1290

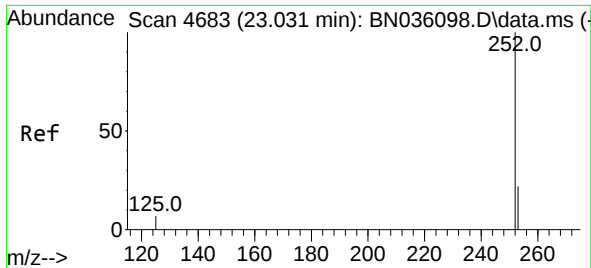
Ion Ratio Lower Upper

252 100

253 84.8 0.0 51.2#

125 68.0 0.0 27.8#





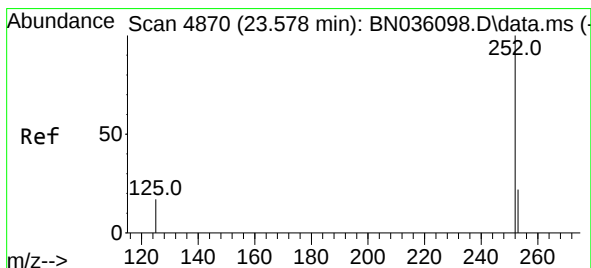
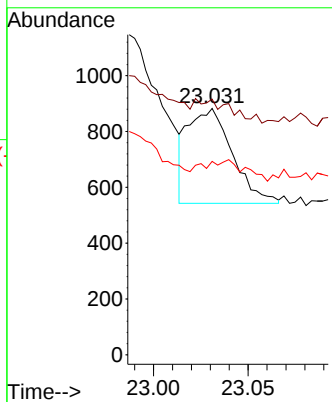
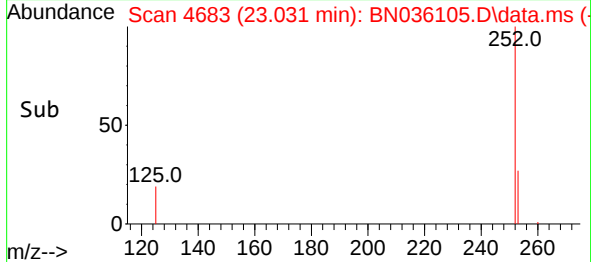
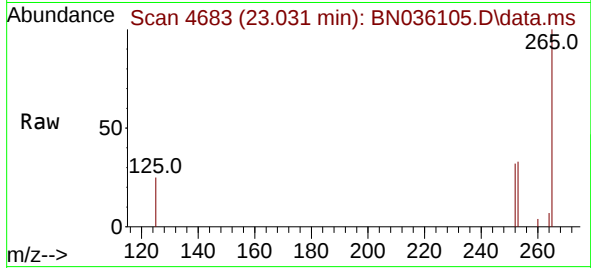
#25
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 23.031 min Scan# 4683
Delta R.T. 0.011 min
Lab File: BN036105.D
Acq: 29 Jan 2025 11:19

Instrument :
BNA_N
ClientSampleId :
E2971

Tgt Ion:	252	Resp:	55
Ion Ratio	Lower	Upper	
252	100		
253	103.7	20.2	30.4
125	78.5	10.6	16.0

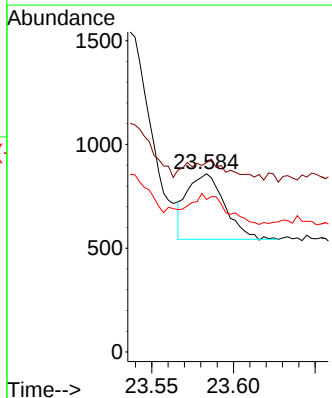
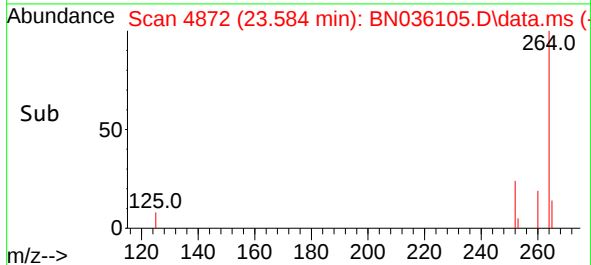
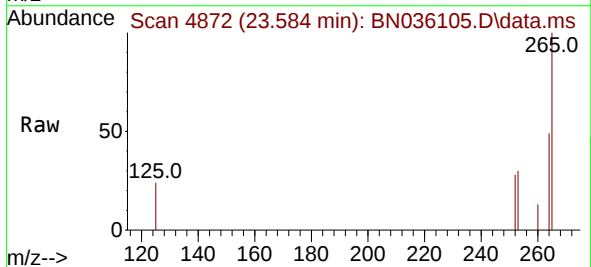
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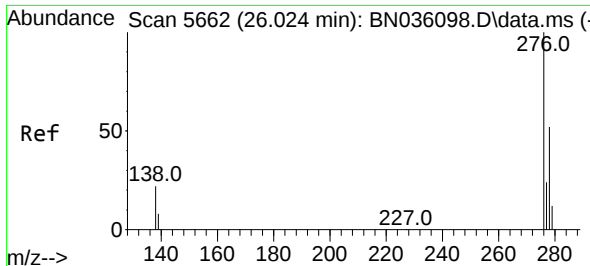
Reviewed By :Jagrut Upadhyay 01/29/2025
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#26
Benzo(a)pyrene
Concen: 0.028 ng/ul
RT: 23.584 min Scan# 4872
Delta R.T. 0.020 min
Lab File: BN036105.D
Acq: 29 Jan 2025 11:19

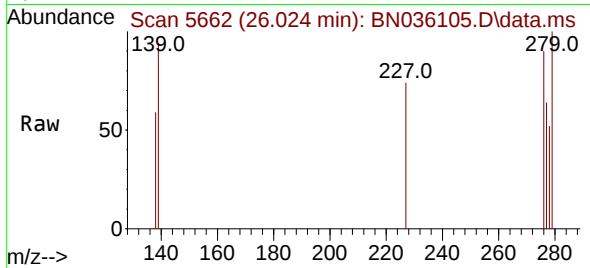
Tgt Ion:	252	Resp:	503
Ion Ratio	Lower	Upper	
252	100		
253	106.2	22.2	33.4
125	85.6	13.1	19.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng/ul
RT: 26.024 min Scan# 5662
Delta R.T. 0.020 min
Lab File: BN036105.D
Acq: 29 Jan 2025 11:19

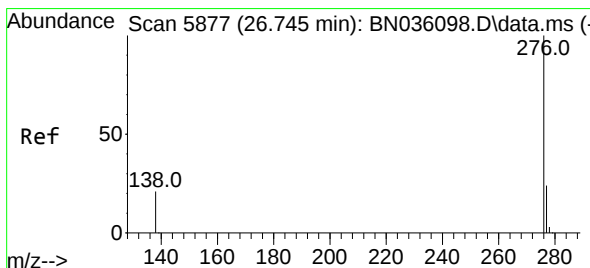
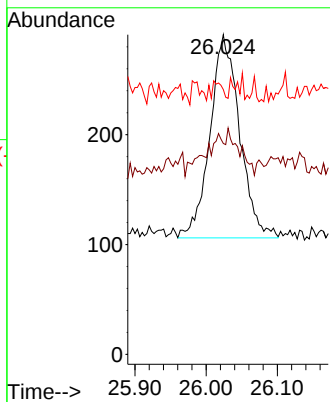
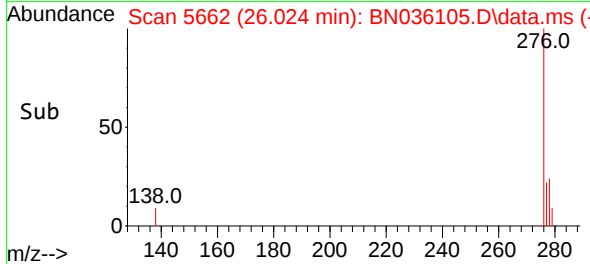
Instrument :
BNA_N
ClientSampleId :
E2971



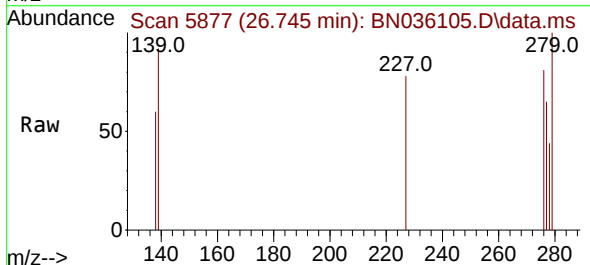
Tgt Ion:276 Resp: 535
Ion Ratio Lower Upper
276 100
138 0.0 20.2 30.4#
227 1.5 0.1 0.1#

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#29
Benzo(g,h,i)perylene
Concen: 0.025 ng/ul
RT: 26.745 min Scan# 5877
Delta R.T. 0.026 min
Lab File: BN036105.D
Acq: 29 Jan 2025 11:19



Tgt Ion:276 Resp: 456
Ion Ratio Lower Upper
276 100
138 73.8 19.4 29.0#
277 79.8 21.1 31.7#

