

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
 Data File : BN036258.D
 Acq On : 04 Feb 2025 12:42
 Operator : RC/JU
 Sample : Q1224-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6322

Manual Integrations
 APPROVED

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

Quant Time: Feb 05 07:35:36 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	2756	0.400	ng/ul	0.00
4) Naphthalene-d8	10.568	136	6484	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.423	164	3634	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.167	188	7119	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.353	240	6087	0.400	ng/ul	# 0.00
23) Perylene-d12	23.642	264	6352m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	10947	3.628	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.162	152	1340	0.164	ng/ul	0.00
18) Fluoranthene-d10	19.198	212	2010	0.120	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.205	178	597	0.029	ng/ul#	75
19) Fluoranthene	19.225	202	1959	0.085	ng/ul#	81
20) Pyrene	19.588	202	2017	0.084	ng/ul#	82
21) Benzo(a)anthracene	21.339	228	569	0.026	ng/ul#	74
22) Chrysene	21.388	228	1041	0.047	ng/ul#	78
24) Benzo(b)fluoranthene	22.952	252	1689m	0.080	ng/ul	
25) Benzo(k)fluoranthene	22.996	252	503m	0.023	ng/ul	
26) Benzo(a)pyrene	23.540	252	796	0.042	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.970	276	777	0.031	ng/ul#	94
29) Benzo(g,h,i)perylene	26.681	276	815	0.041	ng/ul#	47

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

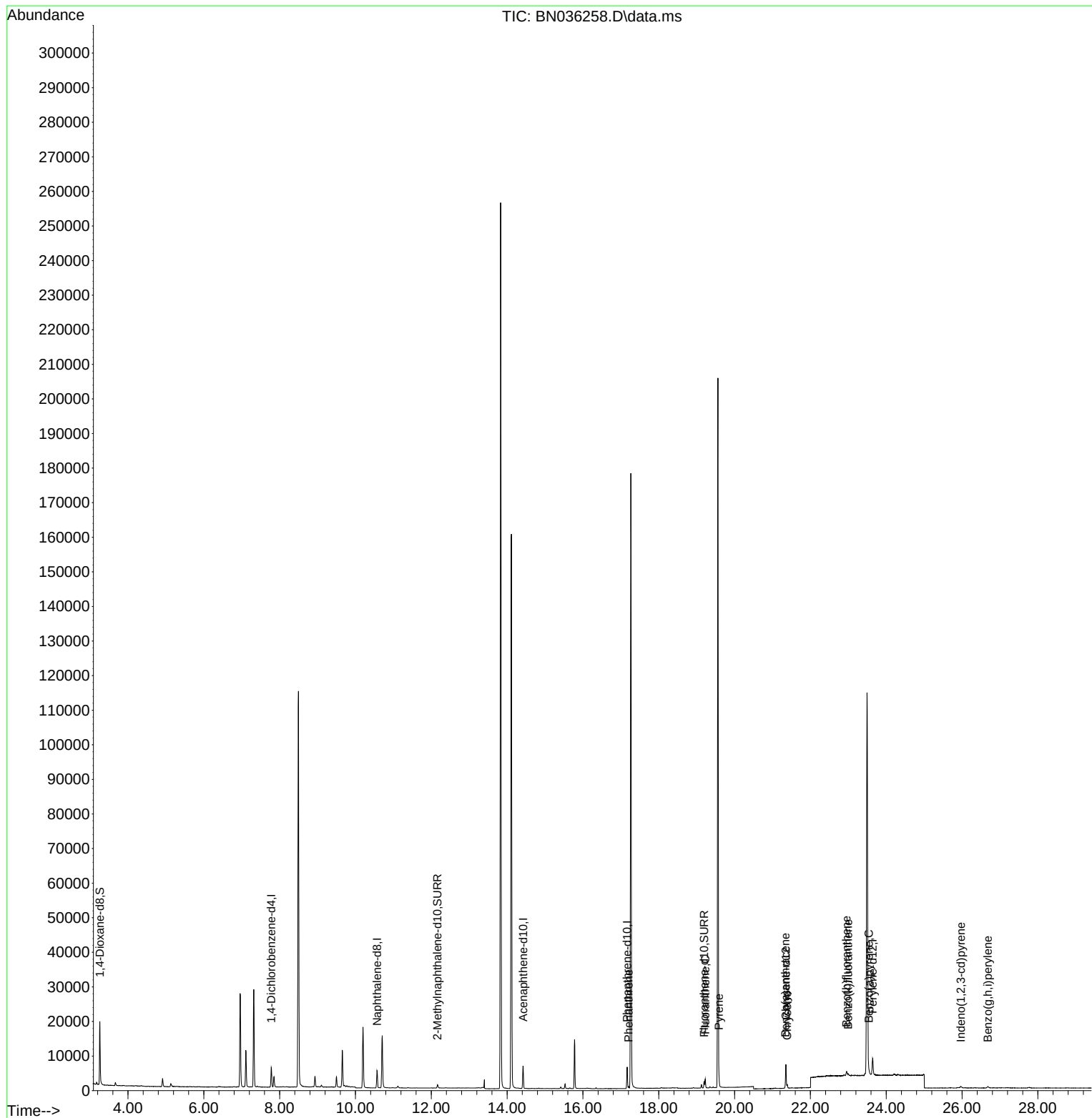
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ALS Vial : 4 Sample Multiplier: 1

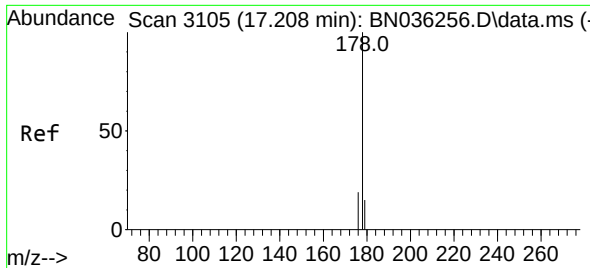
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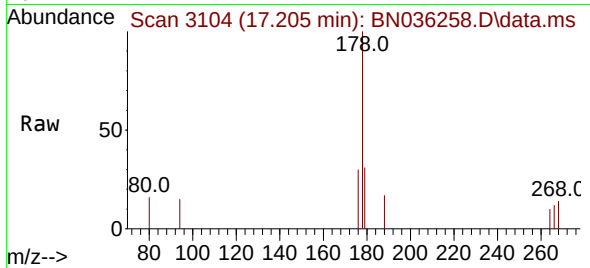
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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QLast Update : Mon Feb 03 12:27:24 2025
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#15
Phenanthrene
Concen: 0.029 ng/ul
RT: 17.205 min Scan# 3104
Delta R.T. -0.008 min
Lab File: BN036258.D
Acq: 04 Feb 2025 12:42

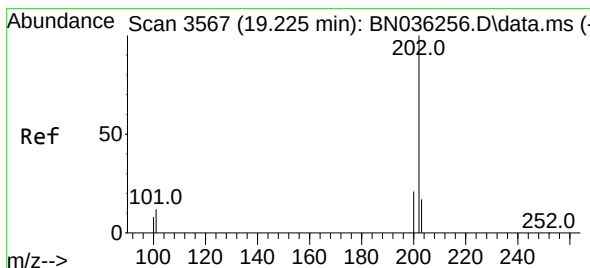
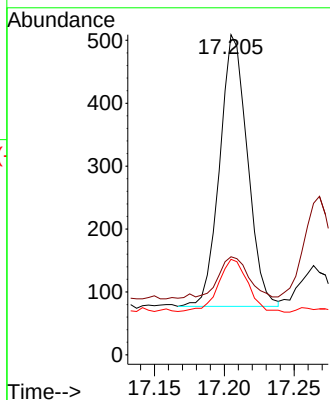
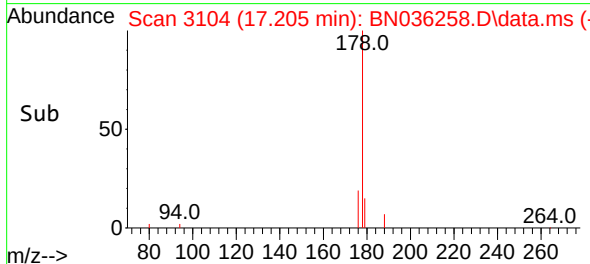
Instrument :
BNA_N
ClientSampleId :
A6322



Tgt Ion:178 Resp: 597
Ion Ratio Lower Upper
178 100
179 30.6 13.2 19.8#
176 29.9 16.8 25.2#

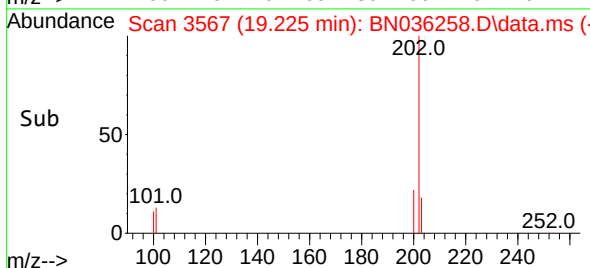
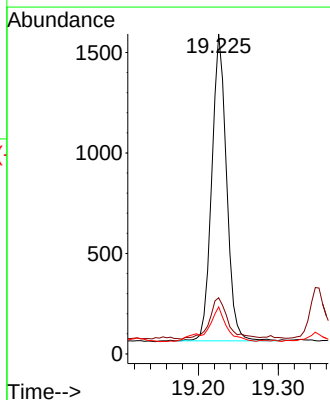
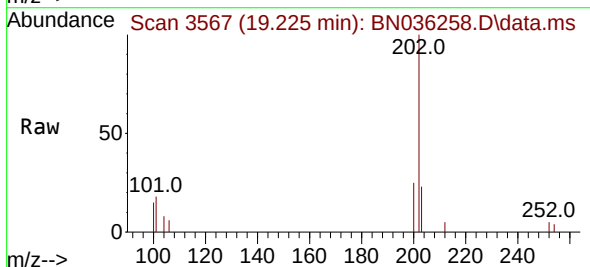
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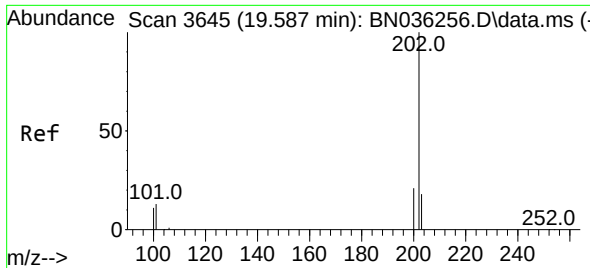
Reviewed By :Jagrut Upadhyay 02/05/2025
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#19
Fluoranthene
Concen: 0.085 ng/ul
RT: 19.225 min Scan# 3567
Delta R.T. -0.008 min
Lab File: BN036258.D
Acq: 04 Feb 2025 12:42

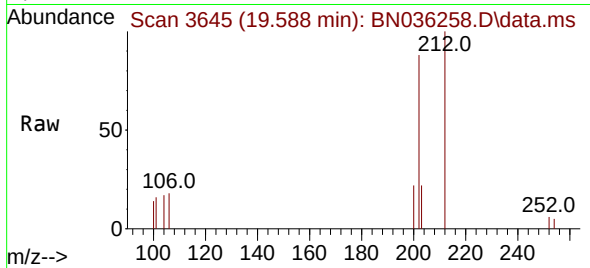
Tgt Ion:202 Resp: 1959
Ion Ratio Lower Upper
202 100
101 17.5 8.4 12.6#
100 14.7 6.5 9.7#





#20
Pyrene
Concen: 0.084 ng/ul
RT: 19.588 min Scan# 3645
Delta R.T. -0.008 min
Lab File: BN036258.D
Acq: 04 Feb 2025 12:42

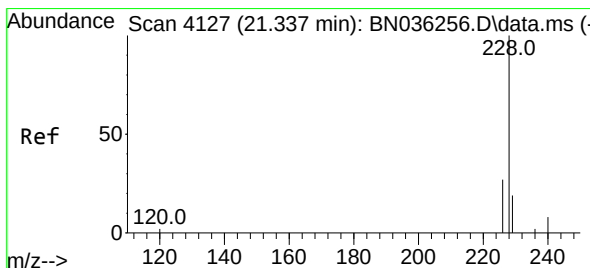
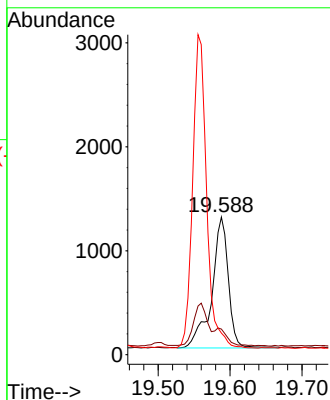
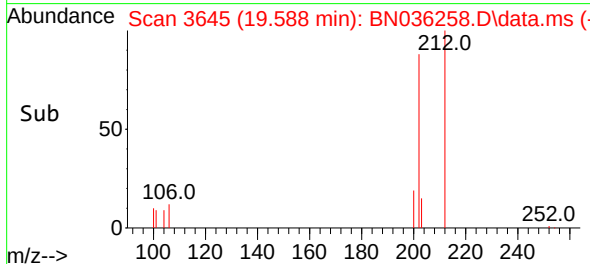
Instrument :
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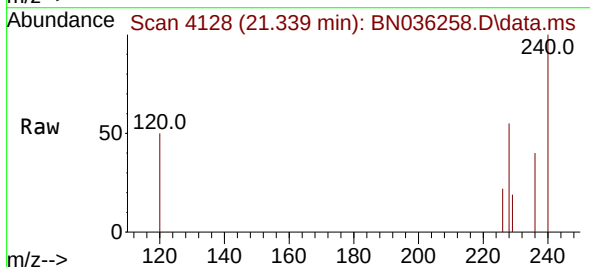
Tgt Ion:202 Resp: 201
Ion Ratio Lower Upper
202 100
101 18.6 9.3 13.9#
100 15.7 7.5 11.3#

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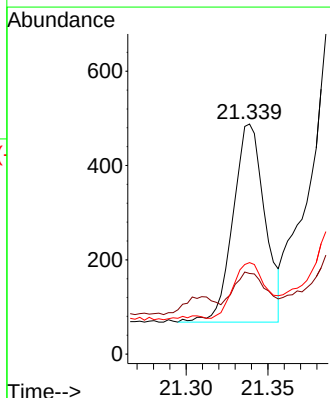
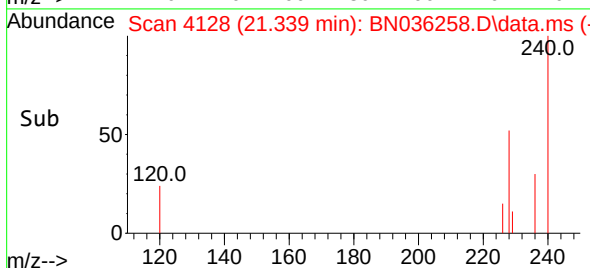
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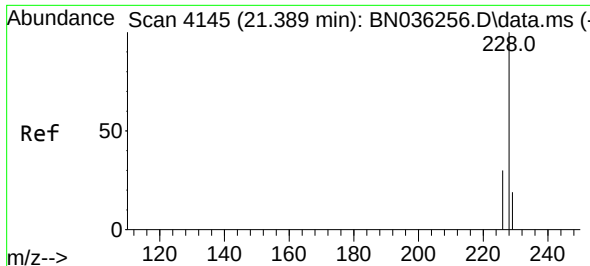


#21
Benzo(a)anthracene
Concen: 0.026 ng/ul
RT: 21.339 min Scan# 4128
Delta R.T. -0.007 min
Lab File: BN036258.D
Acq: 04 Feb 2025 12:42



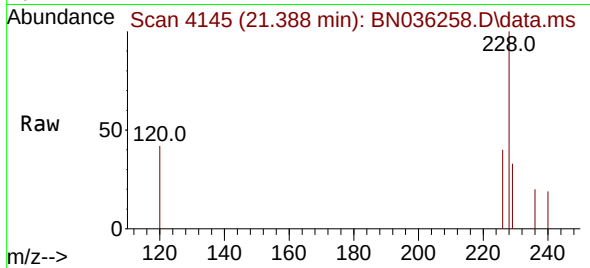
Tgt Ion:228 Resp: 569
Ion Ratio Lower Upper
228 100
229 35.0 15.9 23.9#
226 39.8 22.8 34.2#





#22
Chrysene
Concen: 0.047 ng/ul
RT: 21.388 min Scan# 4145
Delta R.T. -0.010 min
Lab File: BN036258.D
Acq: 04 Feb 2025 12:42

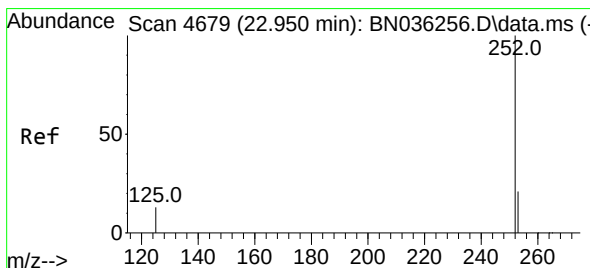
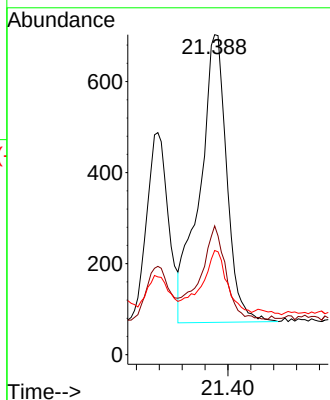
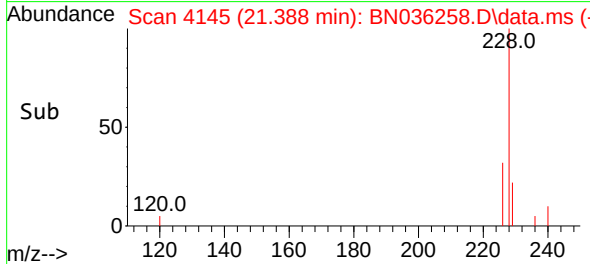
Instrument :
BNA_N
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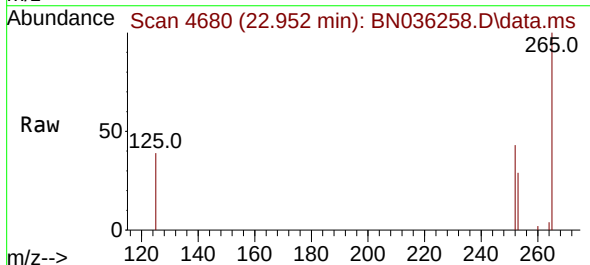
Tgt Ion:228 Resp: 104
Ion Ratio Lower Upper
228 100
226 40.3 24.4 36.6
229 32.6 15.9 23.9

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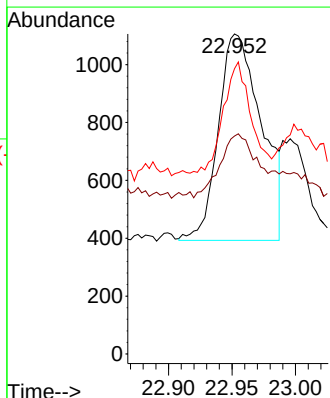
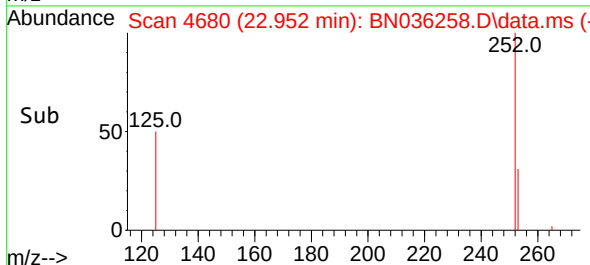
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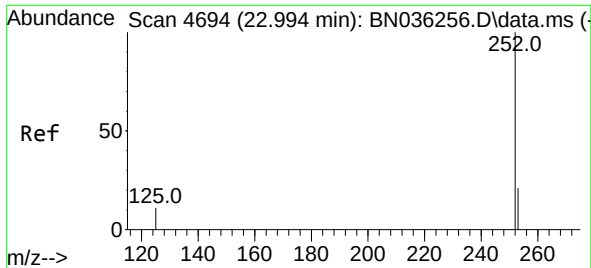


#24
Benzo(b)fluoranthene
Concen: 0.080 ng/ul m
RT: 22.952 min Scan# 4680
Delta R.T. -0.010 min
Lab File: BN036258.D
Acq: 04 Feb 2025 12:42



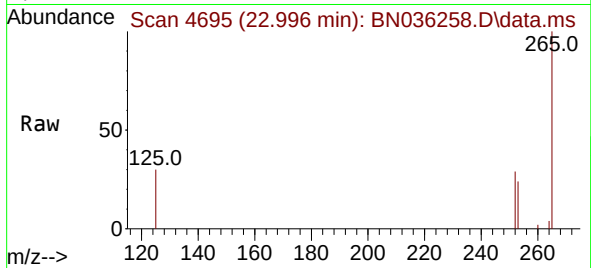
Tgt Ion:252 Resp: 1689
Ion Ratio Lower Upper
252 100
253 68.1 0.0 51.2#
125 89.2 0.0 27.8#





#25
Benzo(k)fluoranthene
Concen: 0.023 ng/ul m
RT: 22.996 min Scan# 4695
Delta R.T. -0.013 min
Lab File: BN036258.D
Acq: 04 Feb 2025 12:42

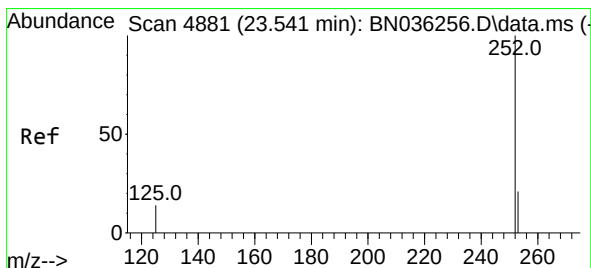
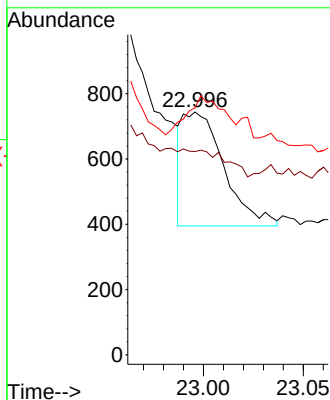
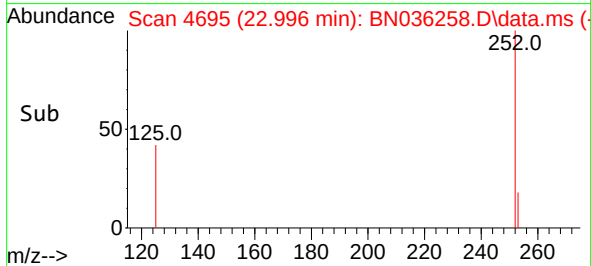
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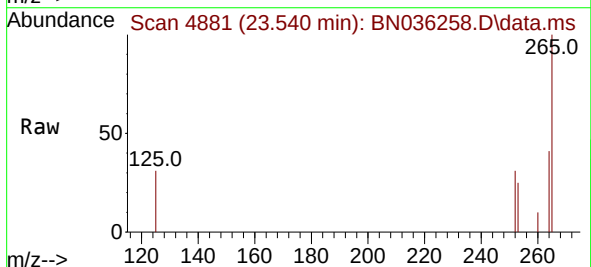
Tgt Ion:252 Resp: 500
Ion Ratio Lower Upper
252 100
253 83.7 20.2 30.4#
125 101.7 10.6 16.0#

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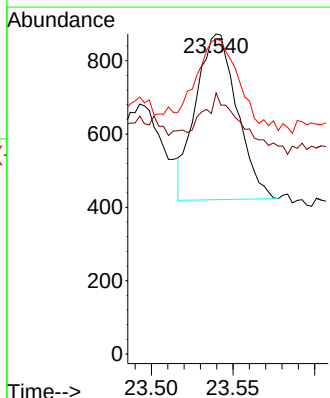
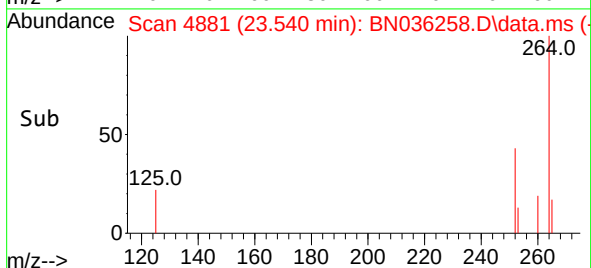
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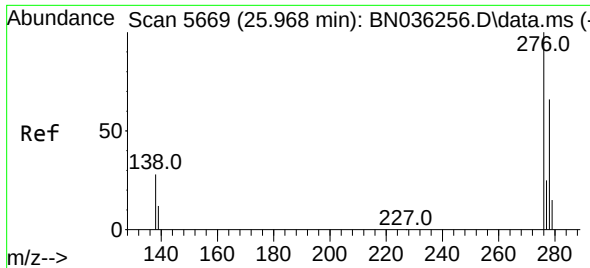


#26
Benzo(a)pyrene
Concen: 0.042 ng/ul
RT: 23.540 min Scan# 4881
Delta R.T. -0.015 min
Lab File: BN036258.D
Acq: 04 Feb 2025 12:42



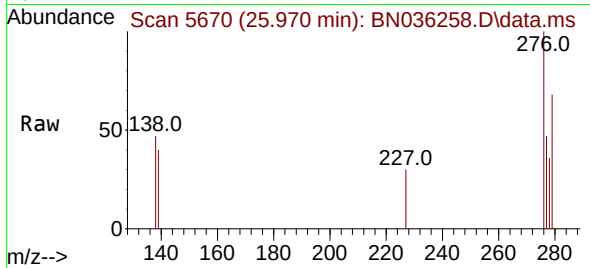
Tgt Ion:252 Resp: 796
Ion Ratio Lower Upper
252 100
253 81.6 22.2 33.4#
125 98.4 13.1 19.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng/ul
RT: 25.970 min Scan# 5669
Delta R.T. -0.018 min
Lab File: BN036258.D
Acq: 04 Feb 2025 12:42

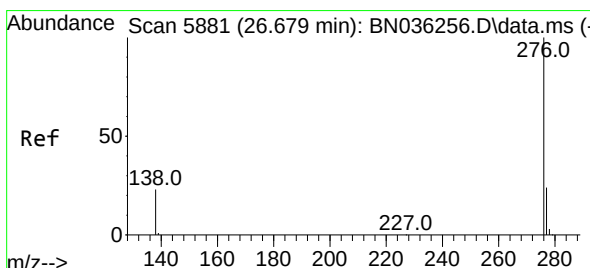
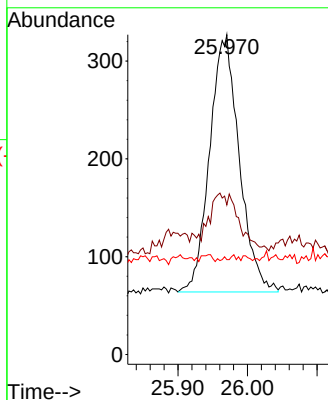
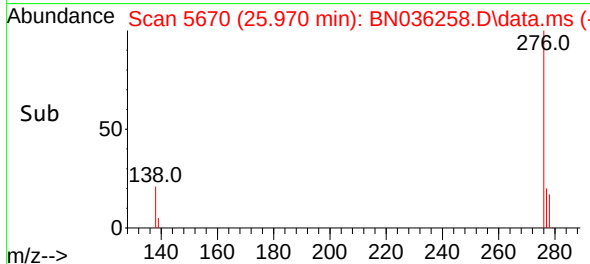
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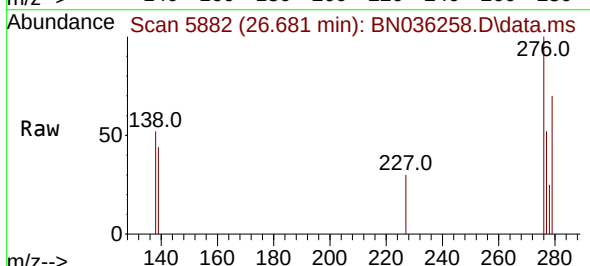
Tgt Ion:276 Resp: 777
Ion Ratio Lower Upper
276 100
138 22.3 20.2 30.4
227 0.1 0.1 0.1

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#29
Benzo(g,h,i)perylene
Concen: 0.041 ng/ul
RT: 26.681 min Scan# 5882
Delta R.T. -0.021 min
Lab File: BN036258.D
Acq: 04 Feb 2025 12:42



Tgt Ion:276 Resp: 815
Ion Ratio Lower Upper
276 100
138 52.2 19.4 29.0#
277 52.2 21.1 31.7#

