

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035002.D
 Acq On : 11 Nov 2024 13:24
 Operator : RC/JU
 Sample : P4636-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CC0Q9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 11 13:56:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 09 00:09:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.562	152	3013	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.328	136	7614	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.199	164	5097	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	11053m	0.400	ng/ul	0.00
17) Chrysene-d12	21.142	240	9698	0.400	ng/ul	# 0.00
23) Perylene-d12	23.308	264	9960m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	10066	3.511	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	2764	0.237	ng/ul	-0.01
18) Fluoranthene-d10	18.981	212	6752	0.271	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.377	128	444	0.023	ng/ul#	70
15) Phenanthrene	16.988	178	2867	0.097	ng/ul	96
19) Fluoranthene	19.009	202	4882	0.151	ng/ul#	93
20) Pyrene	19.372	202	5304m	0.158	ng/ul	
21) Benzo(a)anthracene	21.125	228	2753m	0.078	ng/ul	
22) Chrysene	21.178	228	3661m	0.102	ng/ul	
24) Benzo(b)fluoranthene	22.665	252	5445m	0.155	ng/ul	
25) Benzo(k)fluoranthene	22.700	252	2299m	0.063	ng/ul	
26) Benzo(a)pyrene	23.215	252	3252m	0.104	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.453	276	2892m	0.076	ng/ul	
28) Dibenzo(a,h)anthracene	25.463	278	718m	0.024	ng/ul	
29) Benzo(g,h,i)perylene	26.114	276	2889m	0.099	ng/ul	

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

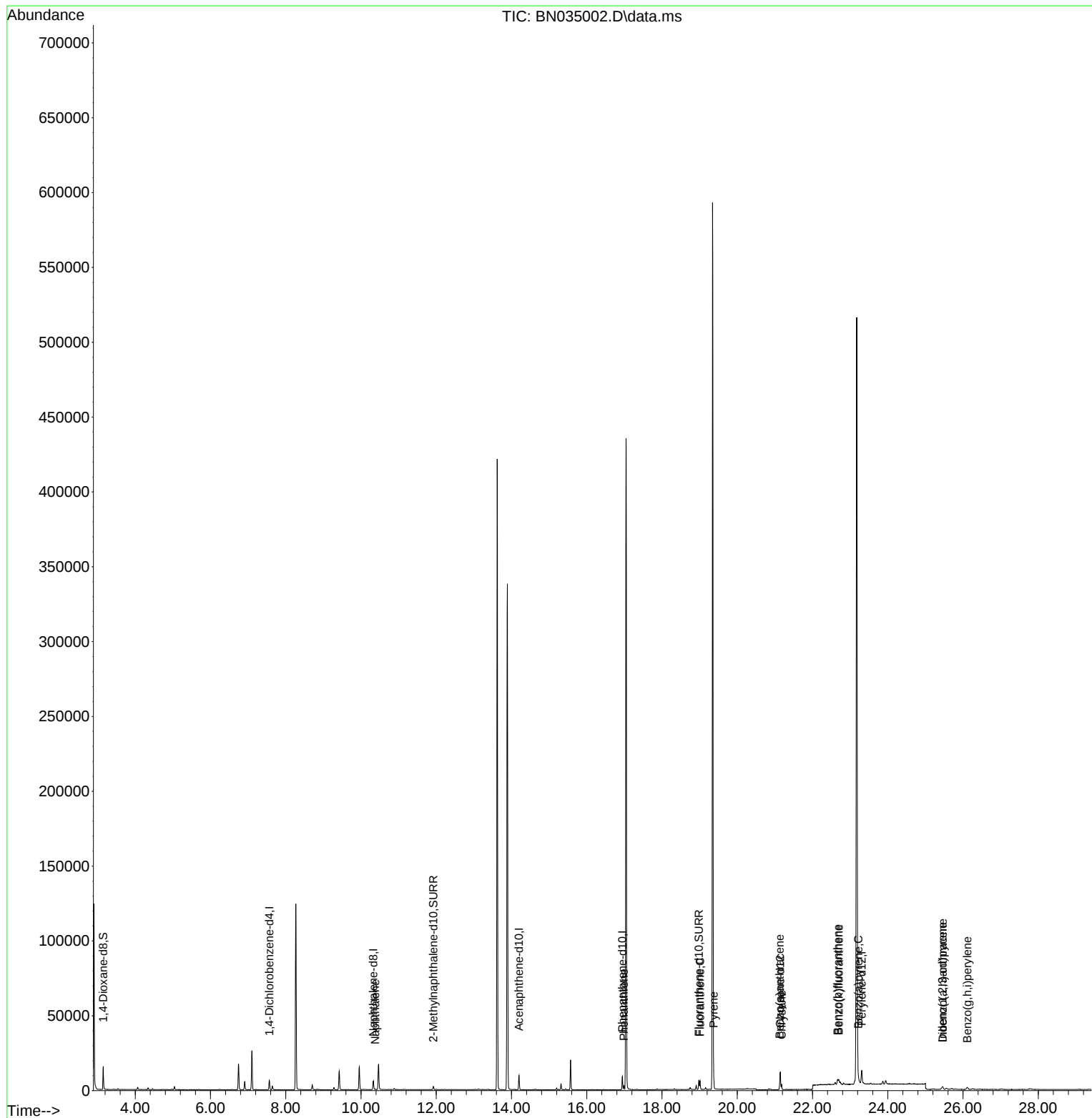
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035002.D
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Sample : P4636-15
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ALS Vial : 8 Sample Multiplier: 1

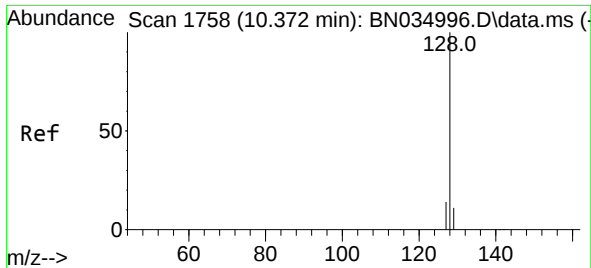
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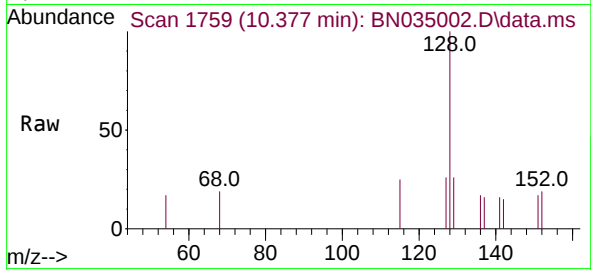
Quant Time: Nov 11 13:56:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.377 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035002.D
Acq: 11 Nov 2024 13:24

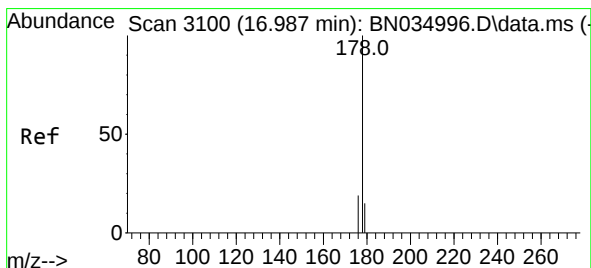
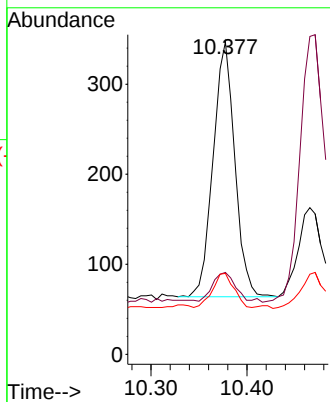
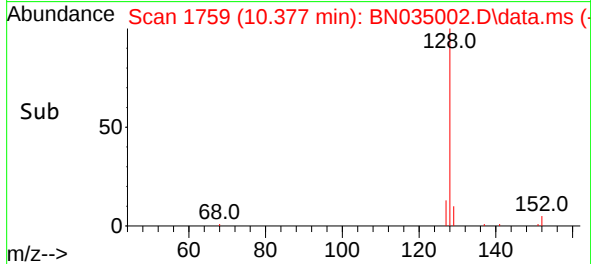
Instrument :
BNA_N
ClientSampleId :
CC0Q9



Tgt Ion:128 Resp: 444
Ion Ratio Lower Upper
128 100
129 26.2 10.1 15.1
127 25.9 12.1 18.1

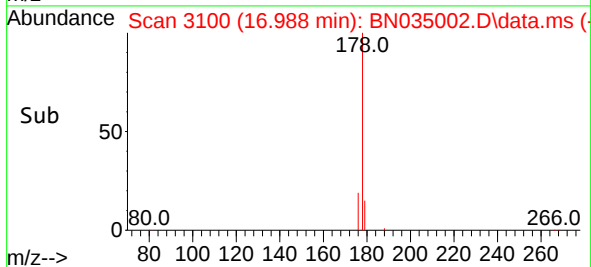
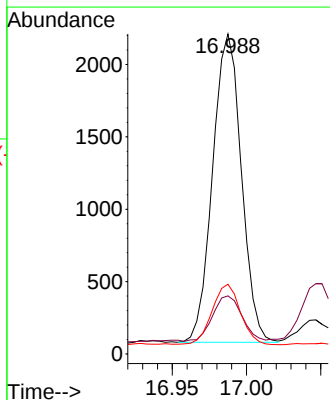
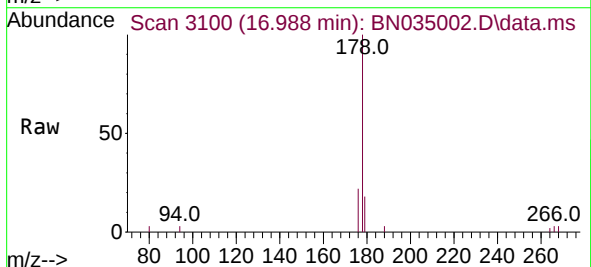
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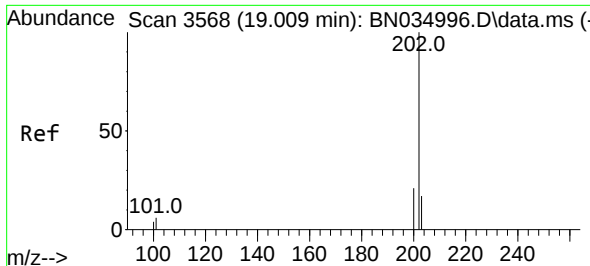
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



#15
Phenanthrene
Concen: 0.097 ng/ul
RT: 16.988 min Scan# 3100
Delta R.T. -0.008 min
Lab File: BN035002.D
Acq: 11 Nov 2024 13:24

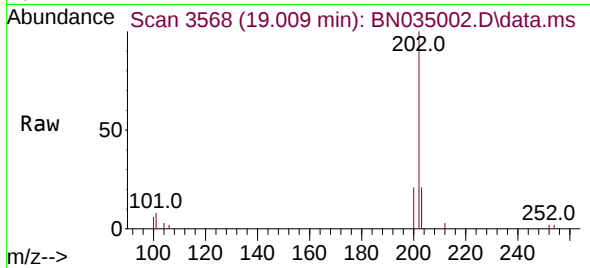
Tgt Ion:178 Resp: 2867
Ion Ratio Lower Upper
178 100
179 18.2 13.4 20.2
176 21.8 15.8 23.6





#19
Fluoranthene
Concen: 0.151 ng/ul
RT: 19.009 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BN035002.D
Acq: 11 Nov 2024 13:24

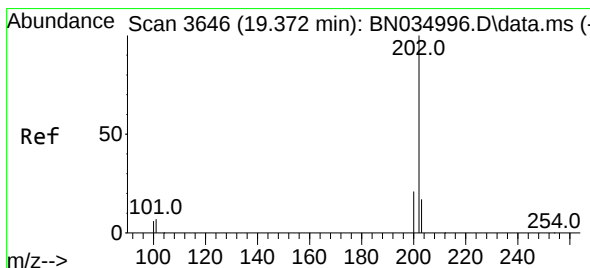
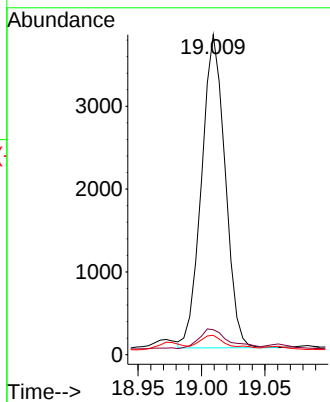
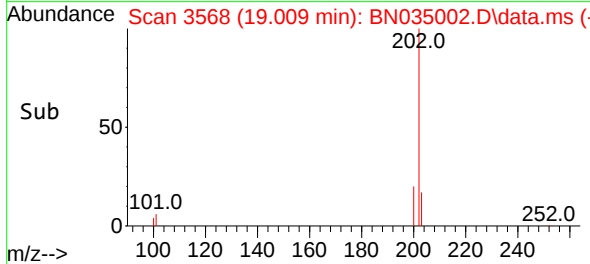
Instrument :
BNA_N
ClientSampleId :
CC0Q9



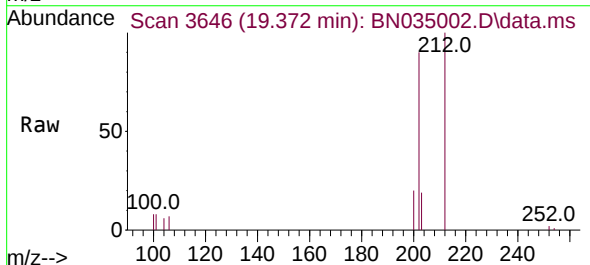
Tgt Ion:202 Resp: 488
Ion Ratio Lower Upper
202 100
101 7.8 4.2 6.2
100 6.0 3.2 4.8

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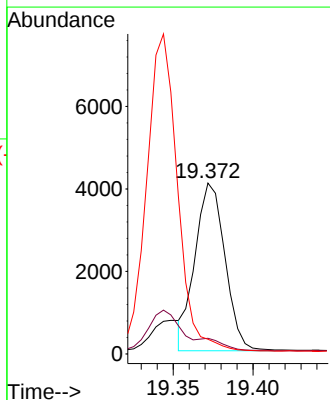
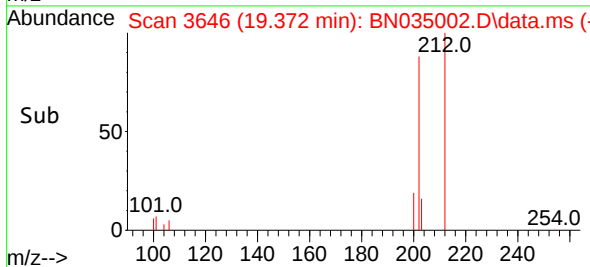
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024

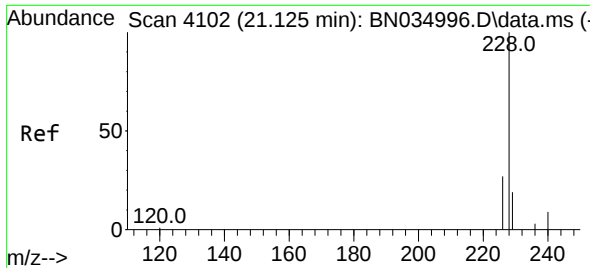


#20
Pyrene
Concen: 0.158 ng/ul m
RT: 19.372 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BN035002.D
Acq: 11 Nov 2024 13:24



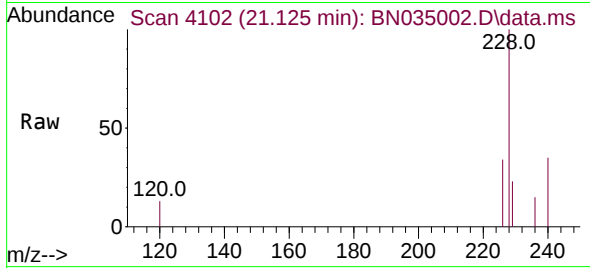
Tgt Ion:202 Resp: 5304
Ion Ratio Lower Upper
202 100
101 9.2 5.0 7.4#
100 8.6 4.1 6.1#





#21
Benzo(a)anthracene
Concen: 0.078 ng/ul m
RT: 21.125 min Scan# 4102
Delta R.T. -0.006 min
Lab File: BN035002.D
Acq: 11 Nov 2024 13:24

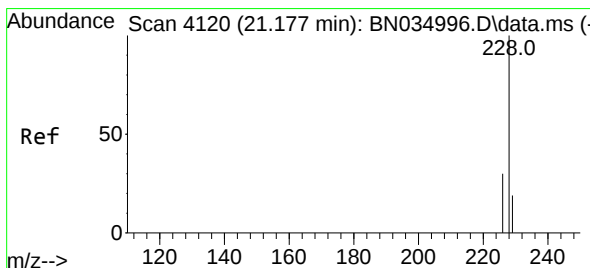
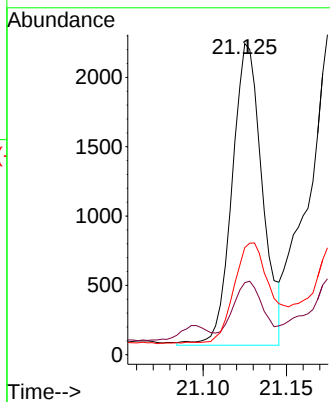
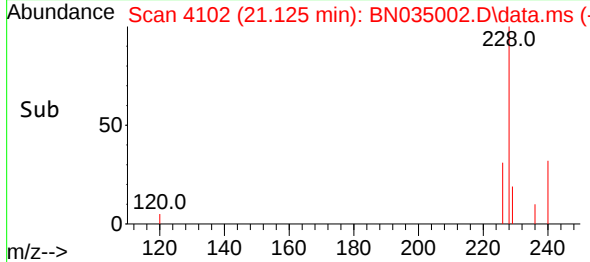
Instrument :
BNA_N
ClientSampleId :
CC0Q9



Tgt Ion:228 Resp: 275
Ion Ratio Lower Upper
228 100
229 23.1 15.8 23.8
226 34.4 22.2 33.2

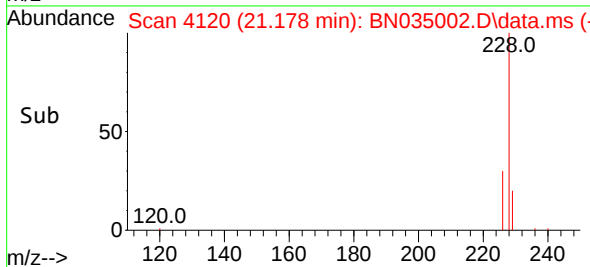
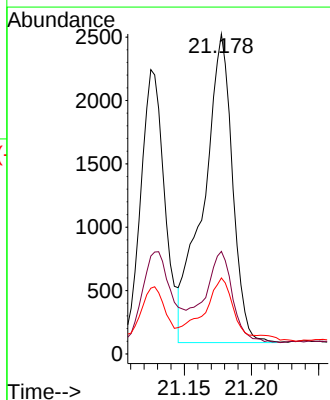
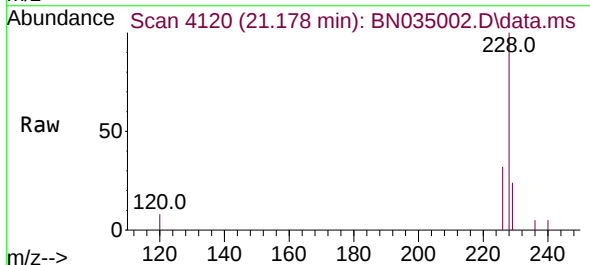
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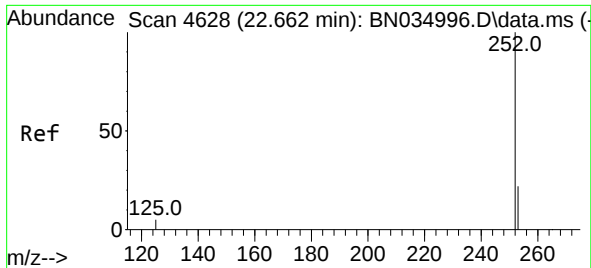
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#22
Chrysene
Concen: 0.102 ng/ul m
RT: 21.178 min Scan# 4120
Delta R.T. -0.006 min
Lab File: BN035002.D
Acq: 11 Nov 2024 13:24

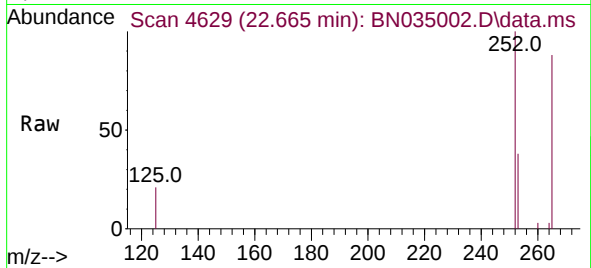
Tgt Ion:228 Resp: 3661
Ion Ratio Lower Upper
228 100
226 32.0 24.2 36.4
229 23.7 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.155 ng/ul m
RT: 22.665 min Scan# 4628
Delta R.T. -0.006 min
Lab File: BN035002.D
Acq: 11 Nov 2024 13:24

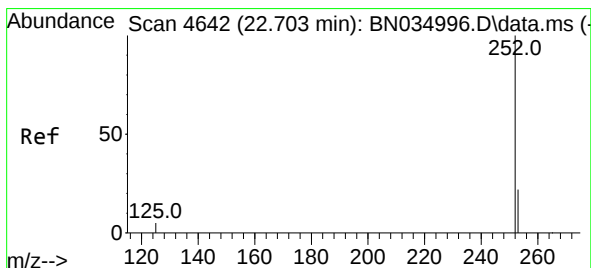
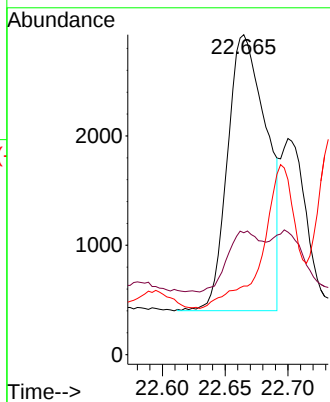
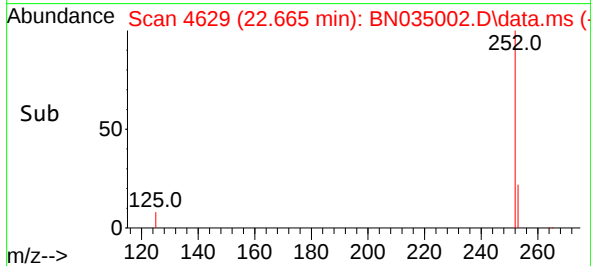
Instrument :
BNA_N
ClientSampleId :
CC0Q9



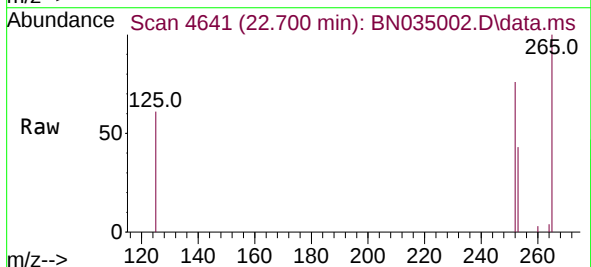
Tgt Ion:252 Resp: 544
Ion Ratio Lower Upper
252 100
253 38.1 0.0 50.0
125 21.5 0.0 14.0

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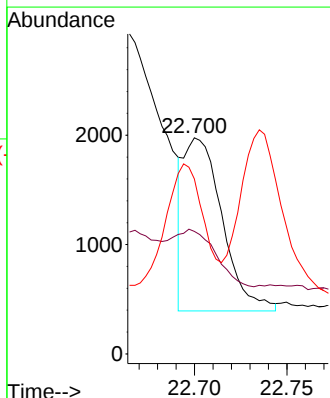
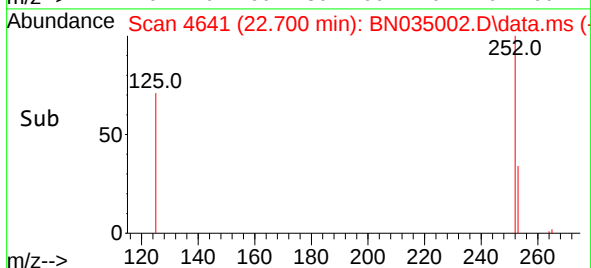
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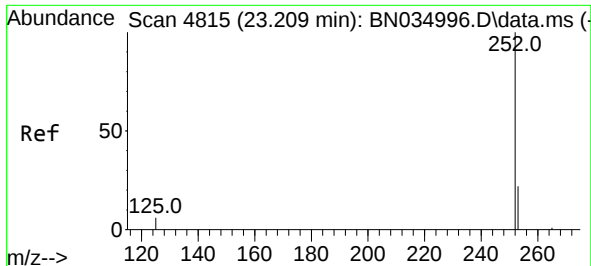


#25
Benzo(k)fluoranthene
Concen: 0.063 ng/ul m
RT: 22.700 min Scan# 4641
Delta R.T. -0.012 min
Lab File: BN035002.D
Acq: 11 Nov 2024 13:24



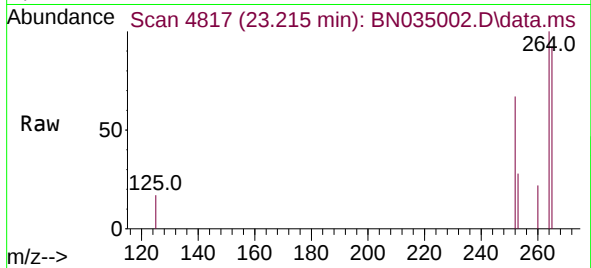
Tgt Ion:252 Resp: 2299
Ion Ratio Lower Upper
252 100
253 56.7 20.2 30.4#
125 80.9 5.8 8.8#





#26
Benzo(a)pyrene
Concen: 0.104 ng/ul m
RT: 23.215 min Scan# 4815
Delta R.T. -0.003 min
Lab File: BN035002.D
Acq: 11 Nov 2024 13:24

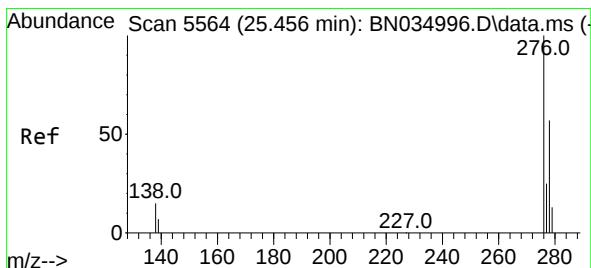
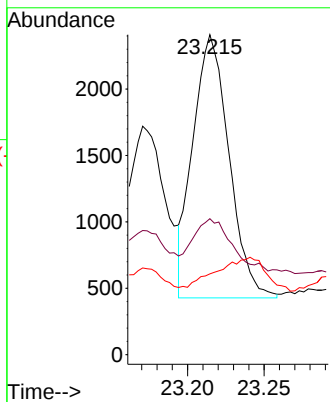
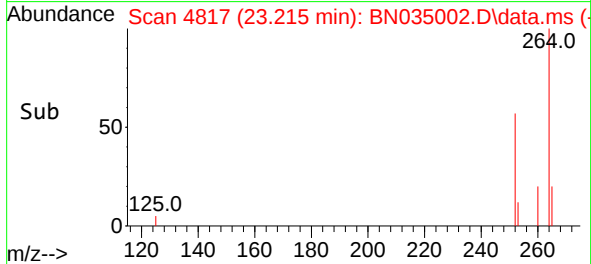
Instrument :
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CC0Q9



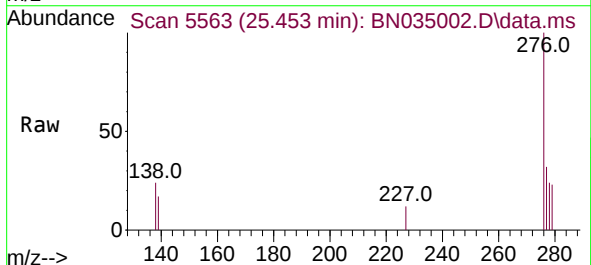
Tgt Ion:252 Resp: 325
Ion Ratio Lower Upper
252 100
253 42.5 21.2 31.8
125 25.2 6.3 9.5

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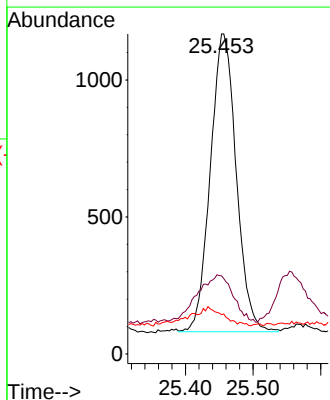
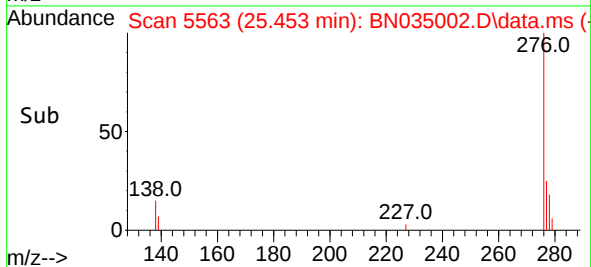
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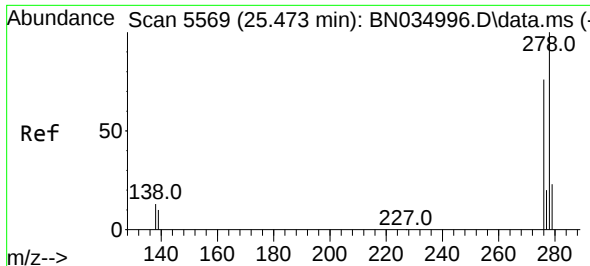


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.076 ng/ul m
RT: 25.453 min Scan# 5563
Delta R.T. -0.017 min
Lab File: BN035002.D
Acq: 11 Nov 2024 13:24



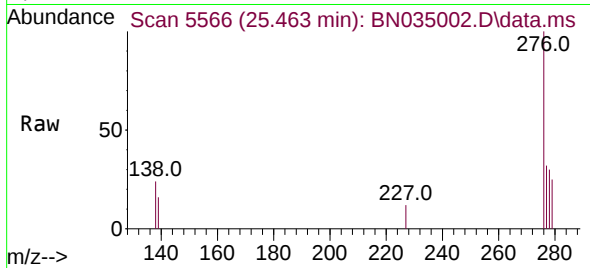
Tgt Ion:276 Resp: 2892
Ion Ratio Lower Upper
276 100
138 0.9 10.8 16.2
227 0.3 0.2 0.4





#28
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul m
RT: 25.463 min Scan# 5569
Delta R.T. -0.023 min
Lab File: BN035002.D
Acq: 11 Nov 2024 13:24

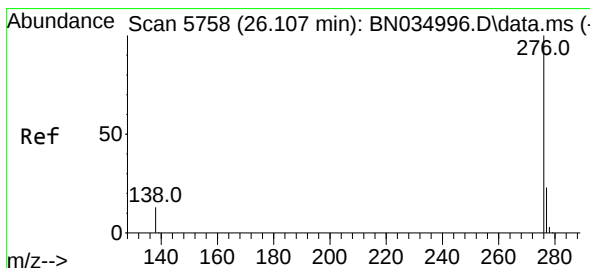
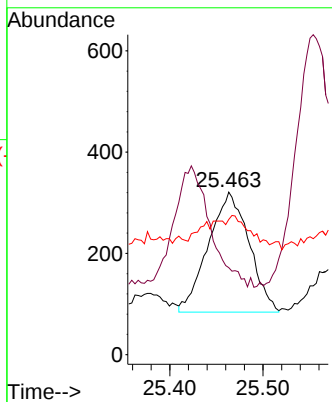
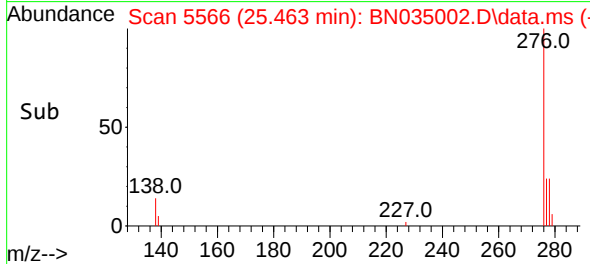
Instrument :
BNA_N
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CC0Q9



Tgt Ion:278 Resp: 718
Ion Ratio Lower Upper
278 100
139 53.6 8.4 12.6
279 83.2 21.5 32.3

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.099 ng/ul m
RT: 26.114 min Scan# 5760
Delta R.T. -0.013 min
Lab File: BN035002.D
Acq: 11 Nov 2024 13:24

Tgt Ion:276 Resp: 2889
Ion Ratio Lower Upper
276 100
138 22.6 10.3 15.5#
277 31.3 20.2 30.2#

