

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035007.D
 Acq On : 11 Nov 2024 16:25
 Operator : RC/JU
 Sample : P4636-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CC0R0

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 17:39:20 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	3462	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.328	136	8676	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.199	164	5761	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	12174	0.400	ng/ul	0.00
17) Chrysene-d12	21.142	240	11716	0.400	ng/ul	# 0.00
23) Perylene-d12	23.311	264	12483m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	6568	1.994	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	1788	0.135	ng/ul	-0.01
18) Fluoranthene-d10	18.981	212	4630	0.154	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.377	128	481	0.022	ng/ul#	71
15) Phenanthrene	16.988	178	1154	0.035	ng/ul#	85
19) Fluoranthene	19.009	202	1754	0.045	ng/ul#	84
20) Pyrene	19.372	202	1586m	0.039	ng/ul	
21) Benzo(a)anthracene	21.125	228	1434	0.034	ng/ul#	55
22) Chrysene	21.178	228	2361	0.055	ng/ul#	60
24) Benzo(b)fluoranthene	22.662	252	3283m	0.075	ng/ul	
25) Benzo(k)fluoranthene	22.700	252	1197m	0.026	ng/ul	
26) Benzo(a)pyrene	23.217	252	855	0.022	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.460	276	1309	0.027	ng/ul#	67

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

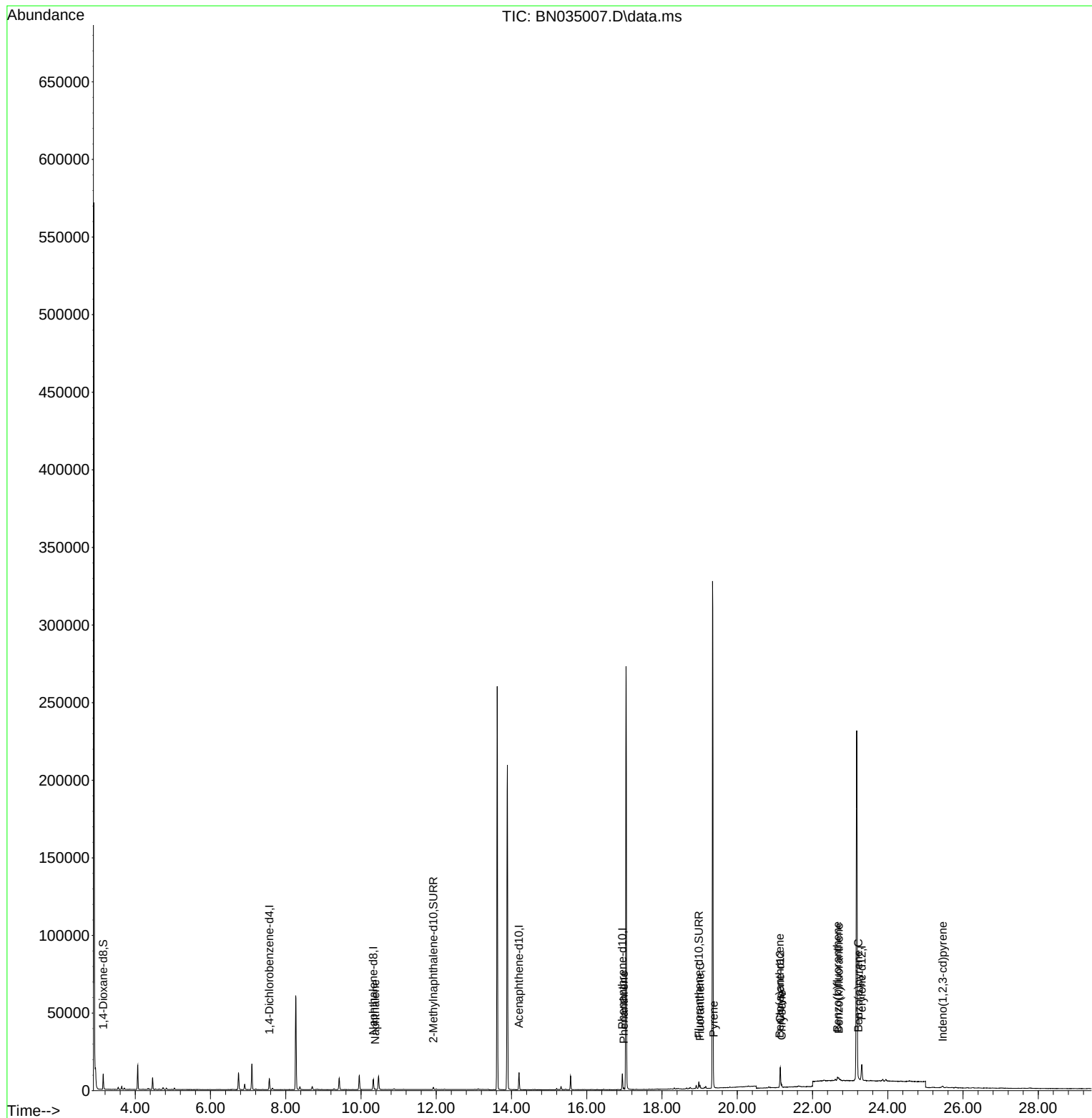
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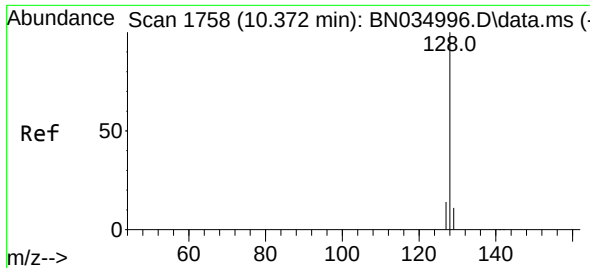
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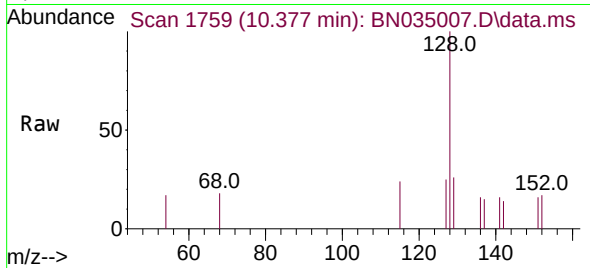
Quant Time: Nov 11 17:39:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.377 min Scan# 1759
Delta R.T. -0.011 min
Lab File: BN035007.D
Acq: 11 Nov 2024 16:25

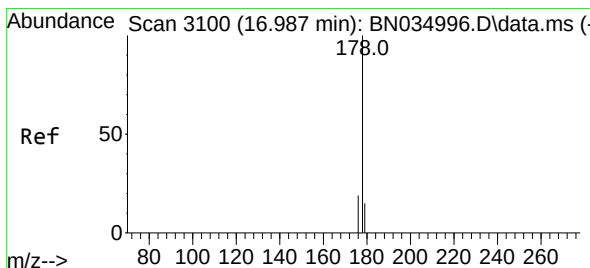
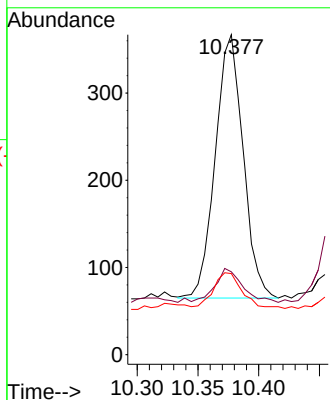
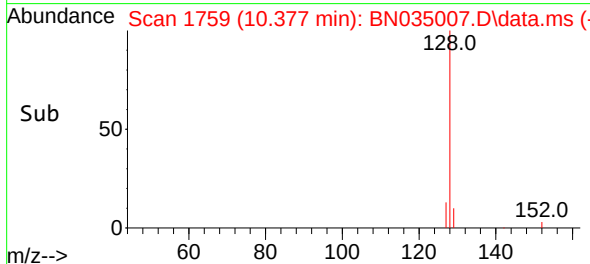
Instrument :
BNA_N
ClientSampleId :
CC0R0



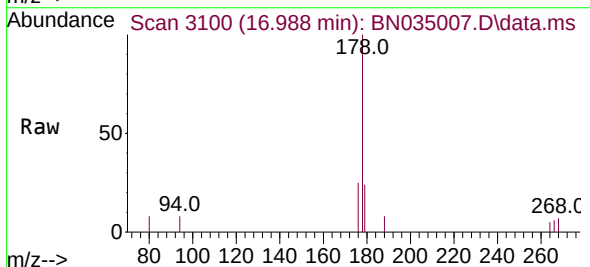
Tgt Ion:128 Resp: 483
Ion Ratio Lower Upper
128 100
129 25.9 10.1 15.1#
127 25.3 12.1 18.1#

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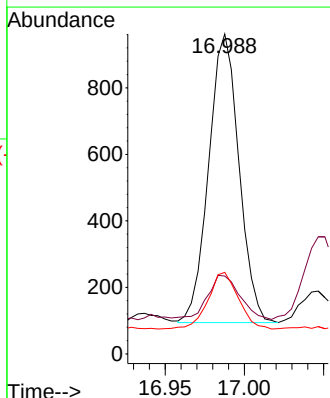
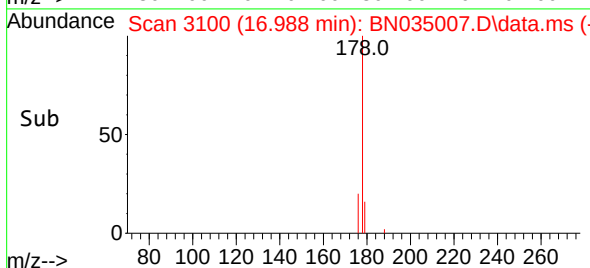
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024

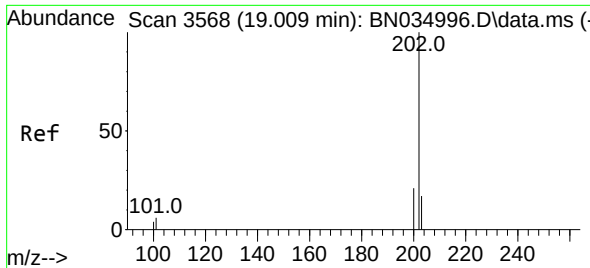


#15
Phenanthrene
Concen: 0.035 ng/ul
RT: 16.988 min Scan# 3100
Delta R.T. -0.008 min
Lab File: BN035007.D
Acq: 11 Nov 2024 16:25



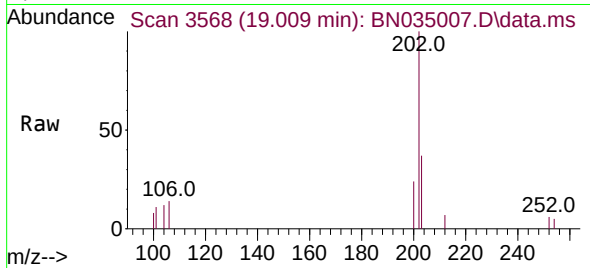
Tgt Ion:178 Resp: 1154
Ion Ratio Lower Upper
178 100
179 24.3 13.4 20.2#
176 25.5 15.8 23.6#





#19
Fluoranthene
Concen: 0.045 ng/u1
RT: 19.009 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BN035007.D
Acq: 11 Nov 2024 16:25

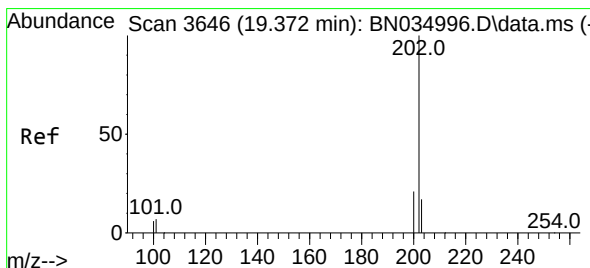
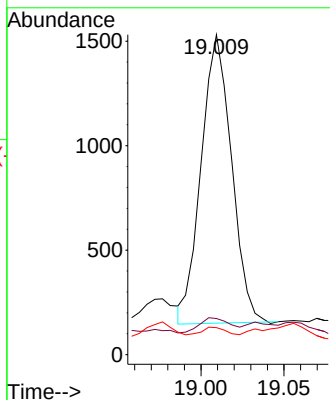
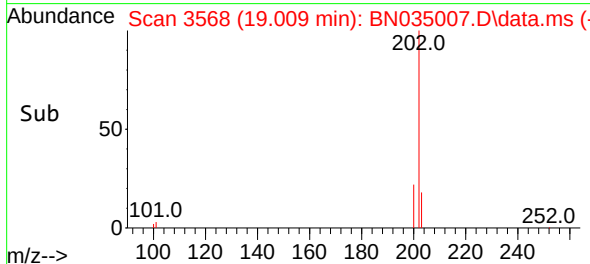
Instrument :
BNA_N
ClientSampleId :
CC0R0



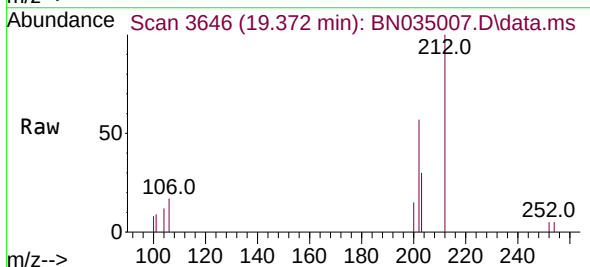
Tgt Ion:202 Resp: 1754
Ion Ratio Lower Upper
202 100
101 11.3 4.2 6.2#
100 8.4 3.2 4.8#

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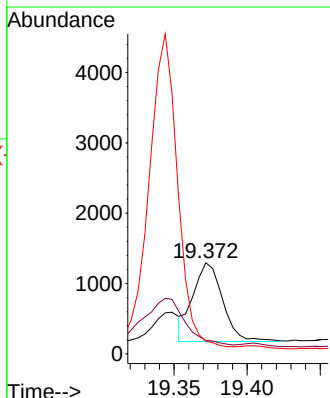
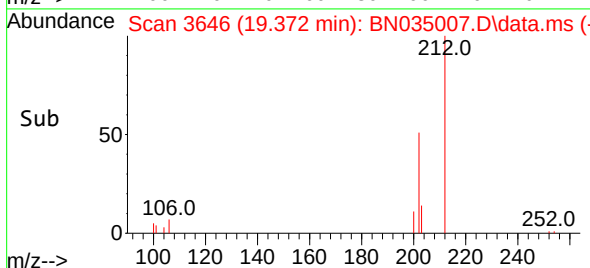
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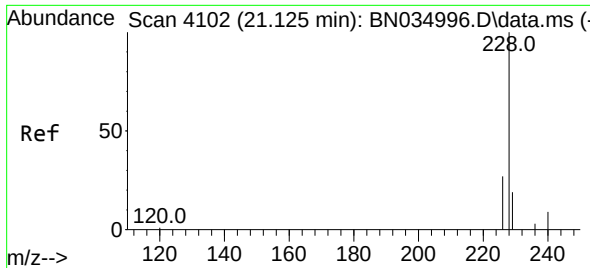


#20
Pyrene
Concen: 0.039 ng/u1 m
RT: 19.372 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BN035007.D
Acq: 11 Nov 2024 16:25



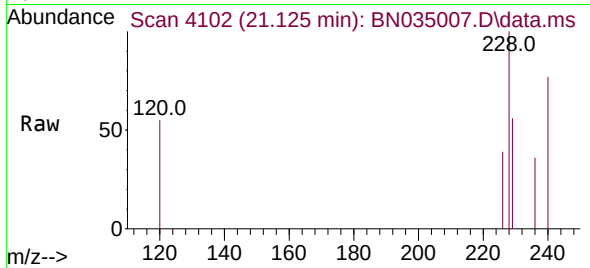
Tgt Ion:202 Resp: 1586
Ion Ratio Lower Upper
202 100
101 14.9 5.0 7.4#
100 14.3 4.1 6.1#





#21
Benzo(a)anthracene
Concen: 0.034 ng/ul
RT: 21.125 min Scan# 4102
Delta R.T. -0.006 min
Lab File: BN035007.D
Acq: 11 Nov 2024 16:25

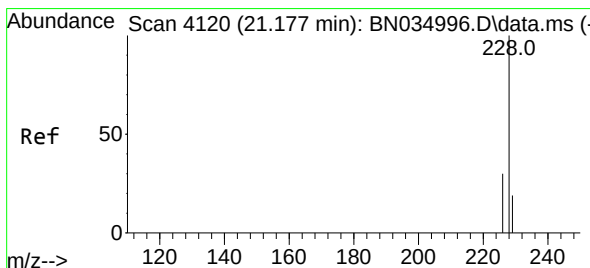
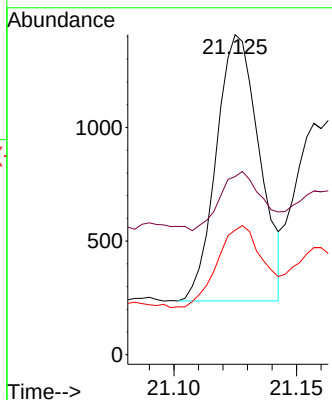
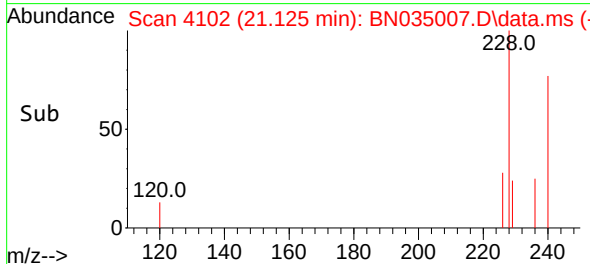
Instrument :
BNA_N
ClientSampleId :
CC0R0



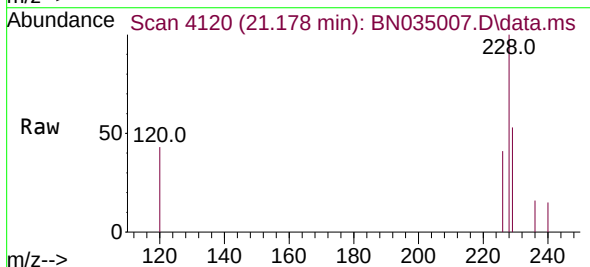
Tgt Ion:228 Resp: 1434
Ion Ratio Lower Upper
228 100
229 55.7 15.8 23.8#
226 38.9 22.2 33.2#

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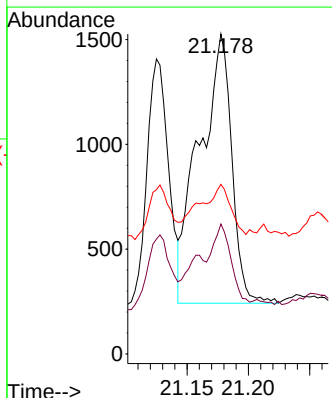
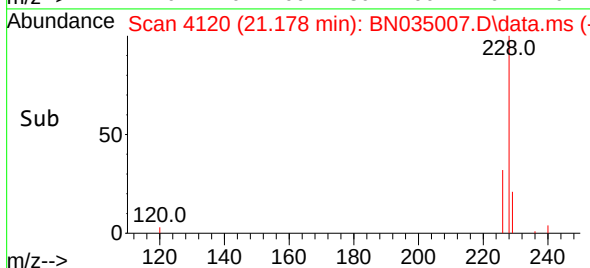
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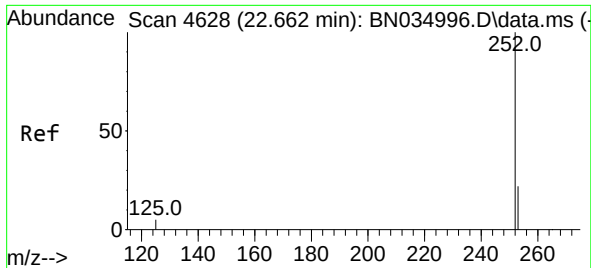


#22
Chrysene
Concen: 0.055 ng/ul
RT: 21.178 min Scan# 4120
Delta R.T. -0.006 min
Lab File: BN035007.D
Acq: 11 Nov 2024 16:25



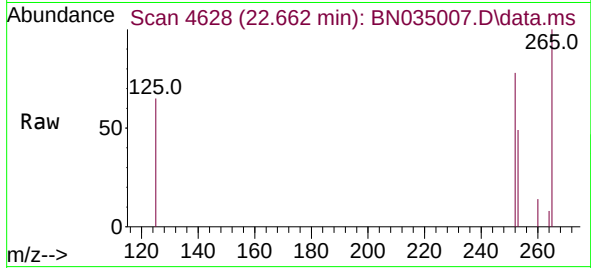
Tgt Ion:228 Resp: 2361
Ion Ratio Lower Upper
228 100
226 40.6 24.2 36.4#
229 53.0 15.4 23.2#





#24
Benzo(b)fluoranthene
Concen: 0.075 ng/ul m
RT: 22.662 min Scan# 4628
Delta R.T. -0.009 min
Lab File: BN035007.D
Acq: 11 Nov 2024 16:25

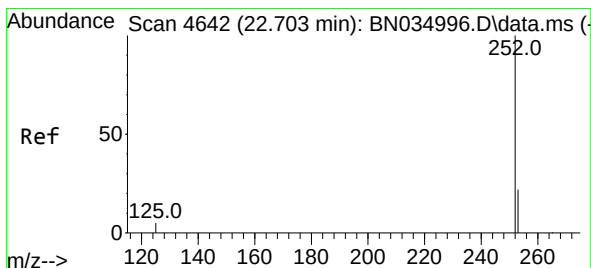
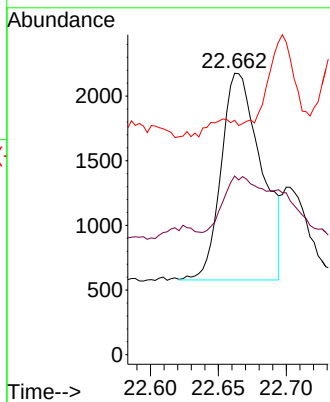
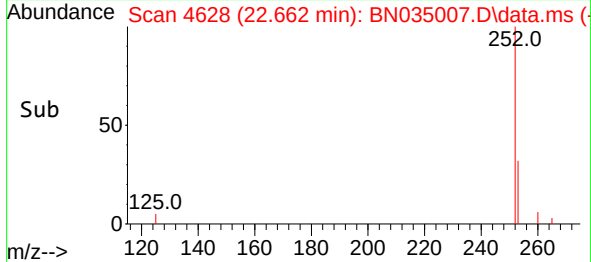
Instrument :
BNA_N
ClientSampleId :
CC0R0



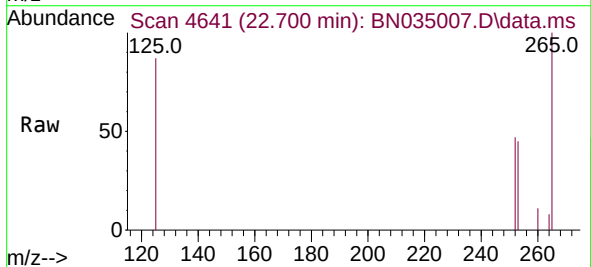
Tgt Ion:252 Resp: 328
Ion Ratio Lower Upper
252 100
253 63.5 0.0 50.0#
125 83.3 0.0 14.0#

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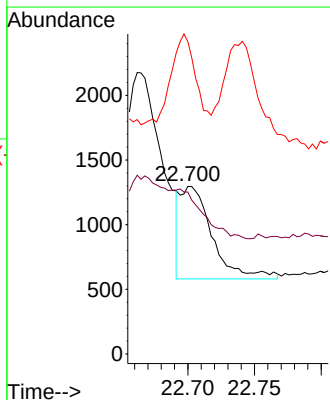
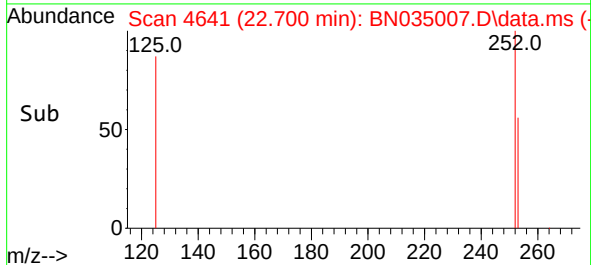
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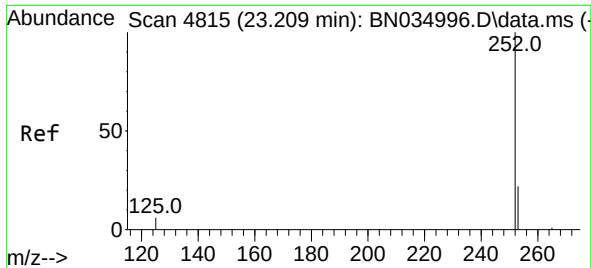


#25
Benzo(k)fluoranthene
Concen: 0.026 ng/ul m
RT: 22.700 min Scan# 4641
Delta R.T. -0.012 min
Lab File: BN035007.D
Acq: 11 Nov 2024 16:25



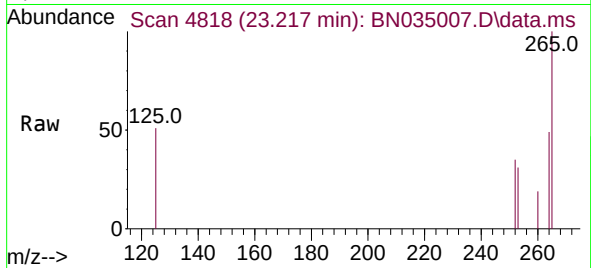
Tgt Ion:252 Resp: 1197
Ion Ratio Lower Upper
252 100
253 96.7 20.2 30.4#
125 186.5 5.8 8.8#





#26
Benzo(a)pyrene
Concen: 0.022 ng/ul
RT: 23.217 min Scan# 4815
Delta R.T. 0.000 min
Lab File: BN035007.D
Acq: 11 Nov 2024 16:25

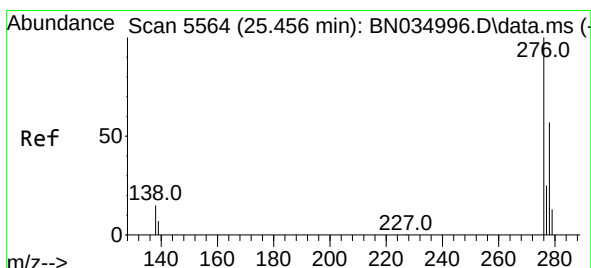
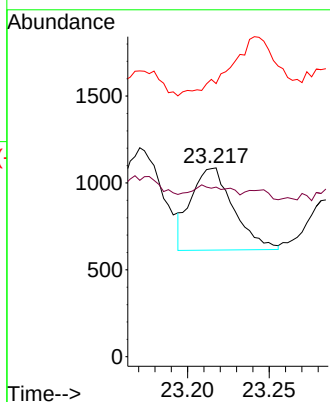
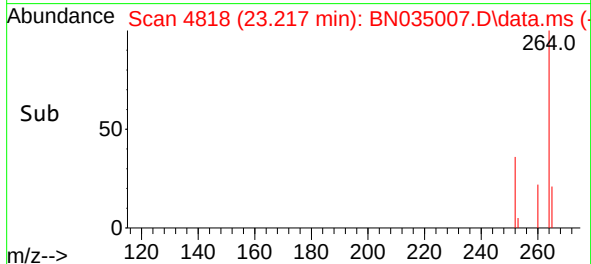
Instrument :
BNA_N
ClientSampleId :
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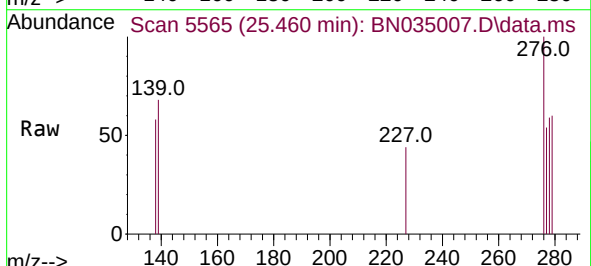
Tgt Ion:252 Resp: 85
Ion Ratio Lower Upper
252 100
253 89.8 21.2 31.8
125 144.6 6.3 9.5

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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.027 ng/ul
RT: 25.460 min Scan# 5565
Delta R.T. -0.010 min
Lab File: BN035007.D
Acq: 11 Nov 2024 16:25



Tgt Ion:276 Resp: 1309
Ion Ratio Lower Upper
276 100
138 0.0 10.8 16.2#
227 1.4 0.2 0.4#

