

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035019.D
 Acq On : 11 Nov 2024 23:38
 Operator : RC/JU
 Sample : P4636-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CC0Q5

Manual Integrations
 APPROVED

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

Quant Time: Nov 12 00:14:58 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	3146	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.328	136	7967	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.198	164	5222	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	10903	0.400	ng/ul	0.00
17) Chrysene-d12	21.142	240	10102	0.400	ng/ul	# 0.00
23) Perylene-d12	23.305	264	11818	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	3231	1.079	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	958	0.079	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212	2462	0.095	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.377	128	894	0.045	ng/ul#	84
7) 2-Methylnaphthalene	12.000	142	299	0.020	ng/ul	99
15) Phenanthrene	16.987	178	1984	0.068	ng/ul#	91
19) Fluoranthene	19.009	202	1263	0.037	ng/ul#	77
20) Pyrene	19.372	202	1512m	0.043	ng/ul	
21) Benzo(a)anthracene	21.125	228	894	0.024	ng/ul#	40
22) Chrysene	21.174	228	2195m	0.059	ng/ul	
24) Benzo(b)fluoranthene	22.662	252	2669m	0.064	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.453	276	1286	0.028	ng/ul#	67
28) Dibenzo(a,h)anthracene	25.450	278	933	0.026	ng/ul#	1

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

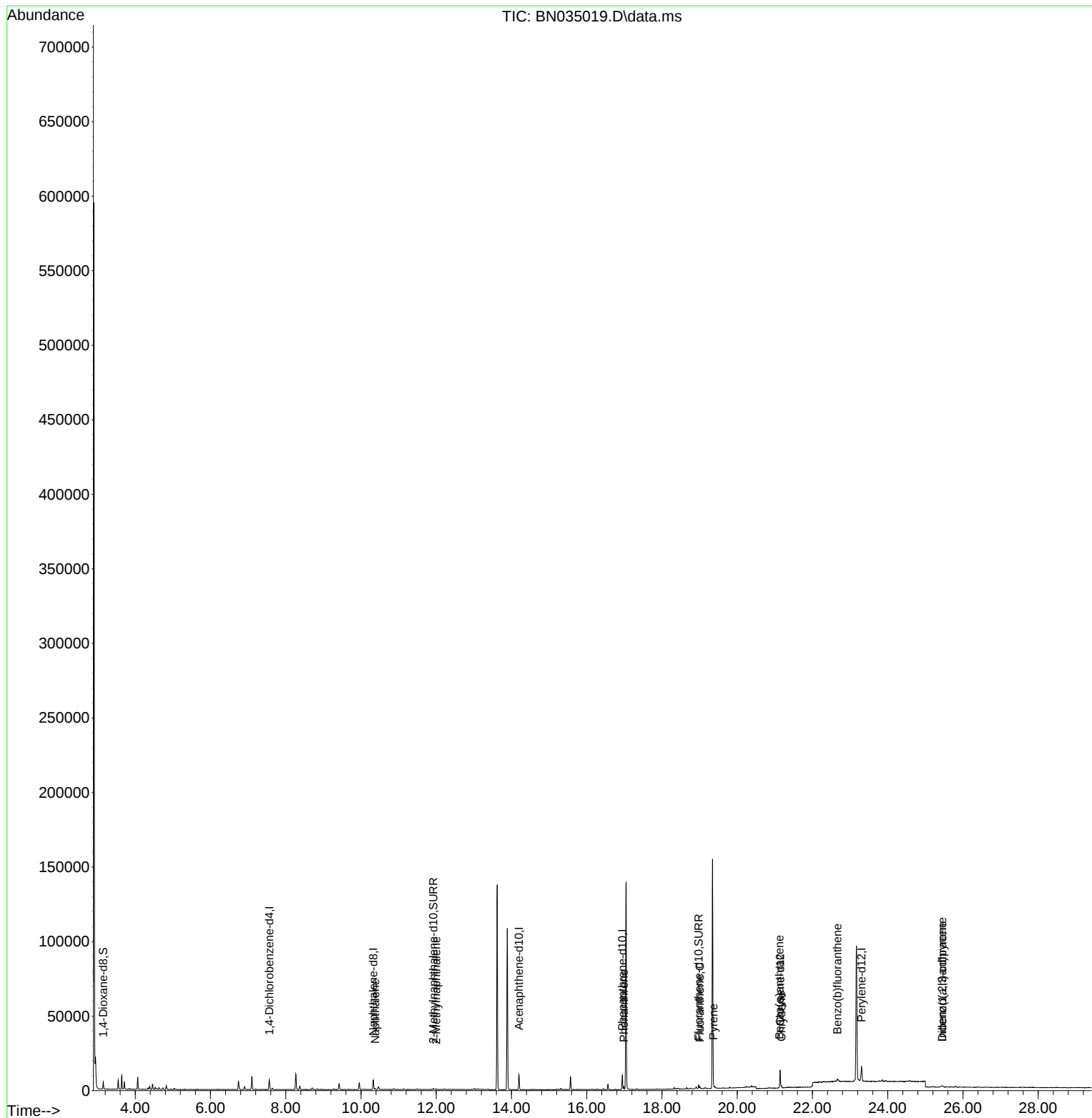
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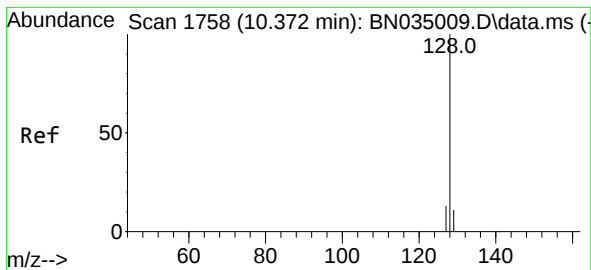
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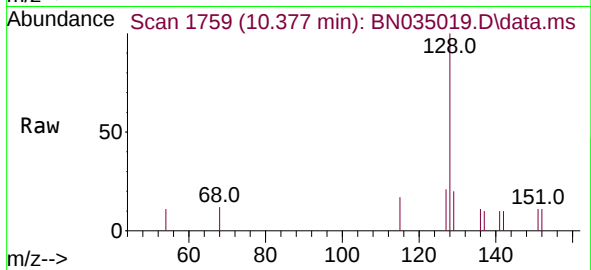
Quant Time: Nov 12 00:14:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
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#5
Naphthalene
Concen: 0.045 ng/ul
RT: 10.377 min Scan# 1759
Delta R.T. -0.011 min
Lab File: BN035019.D
Acq: 11 Nov 2024 23:38

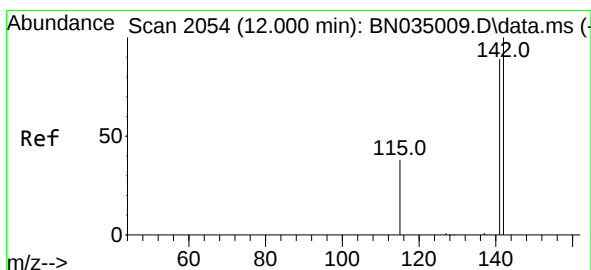
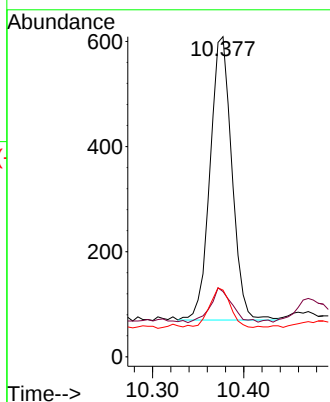
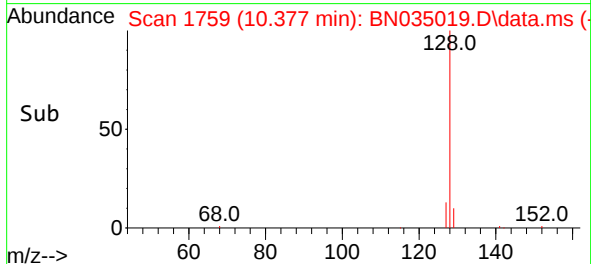
Instrument :
BNA_N
ClientSampleId :
CC0Q5



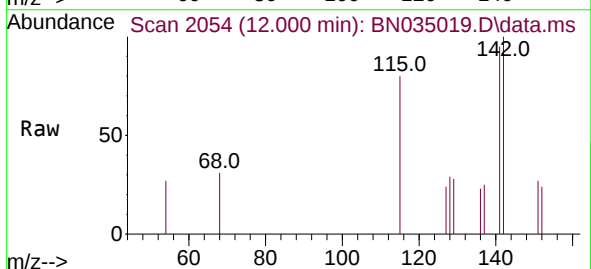
Tgt Ion:128 Resp: 894
Ion Ratio Lower Upper
128 100
129 20.4 10.1 15.1
127 20.9 12.1 18.1

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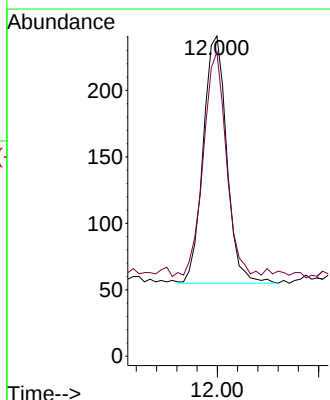
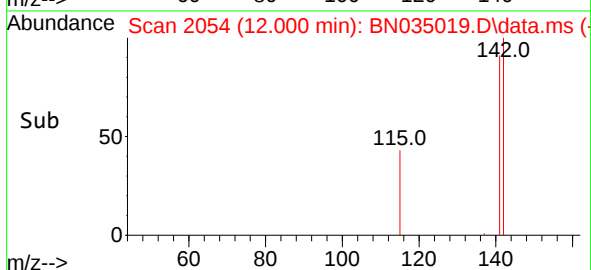
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024

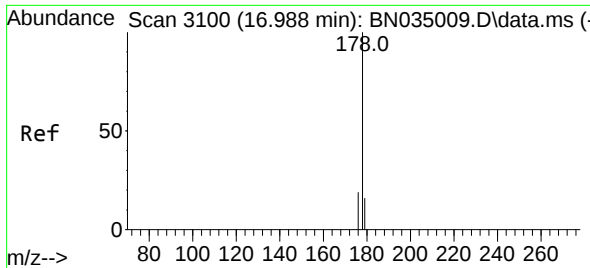


#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.000 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN035019.D
Acq: 11 Nov 2024 23:38



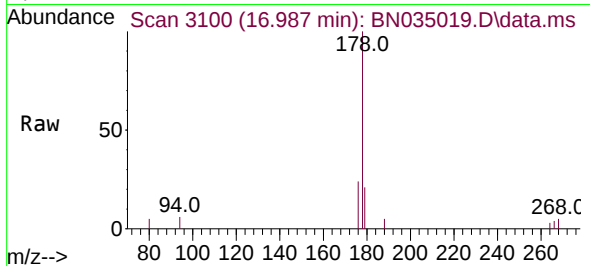
Tgt Ion:142 Resp: 299
Ion Ratio Lower Upper
142 100
141 89.3 70.8 106.2





#15
Phenanthrene
Concen: 0.068 ng/u1
RT: 16.987 min Scan# 3100
Delta R.T. -0.009 min
Lab File: BN035019.D
Acq: 11 Nov 2024 23:38

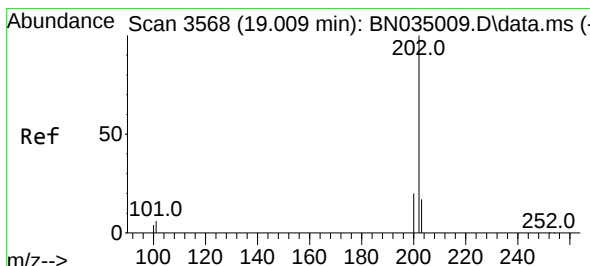
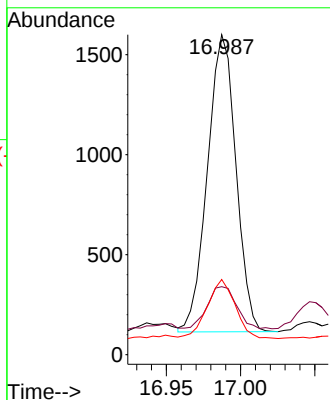
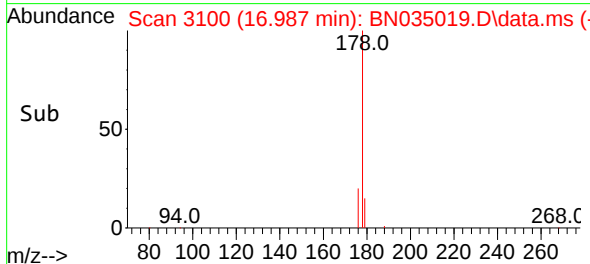
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:178 Resp: 1984
Ion Ratio Lower Upper
178 100
179 21.3 13.4 20.2#
176 23.5 15.8 23.6#

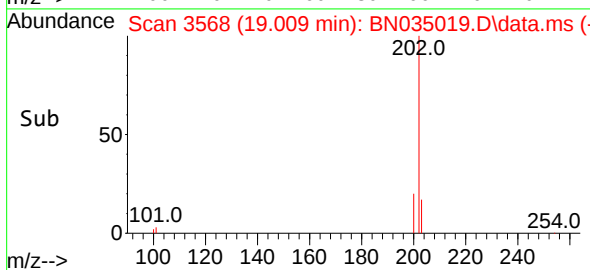
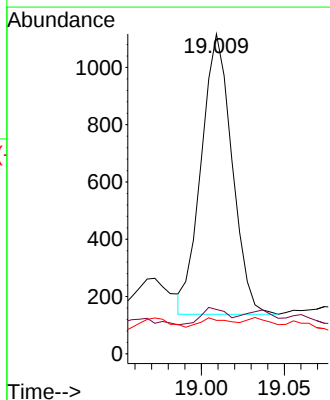
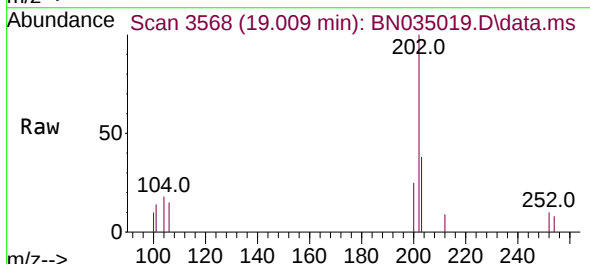
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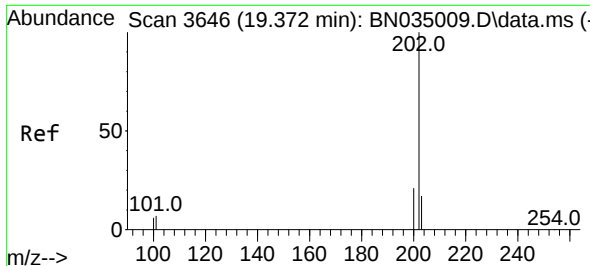
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#19
Fluoranthene
Concen: 0.037 ng/u1
RT: 19.009 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BN035019.D
Acq: 11 Nov 2024 23:38

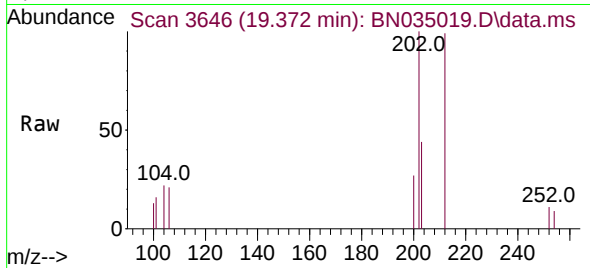
Tgt Ion:202 Resp: 1263
Ion Ratio Lower Upper
202 100
101 13.9 4.2 6.2#
100 10.5 3.2 4.8#





#20
Pyrene
Concen: 0.043 ng/ul m
RT: 19.372 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BN035019.D
Acq: 11 Nov 2024 23:38

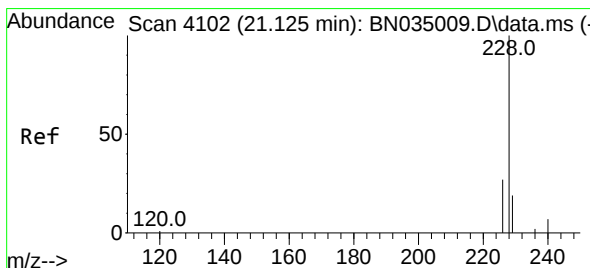
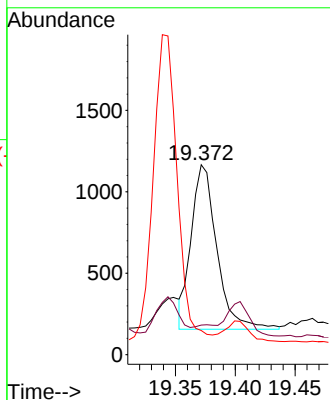
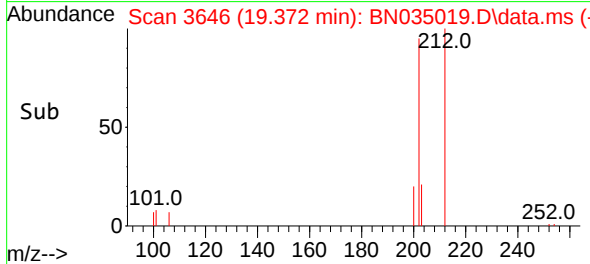
Instrument :
BNA_N
ClientSampleId :
CC0Q5



Tgt Ion:202 Resp: 151
Ion Ratio Lower Upper
202 100
101 15.6 5.0 7.4#
100 12.7 4.1 6.1#

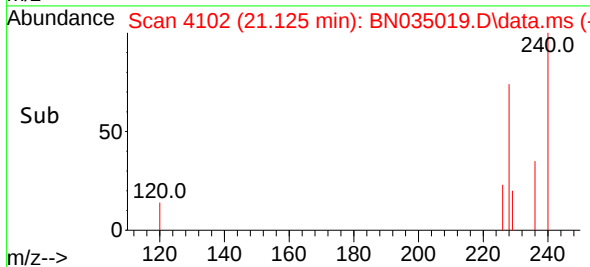
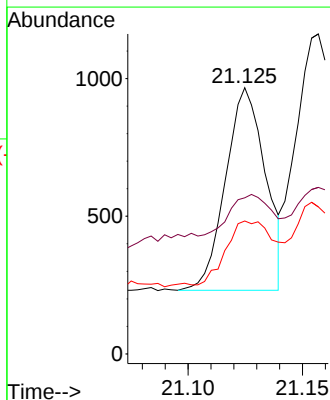
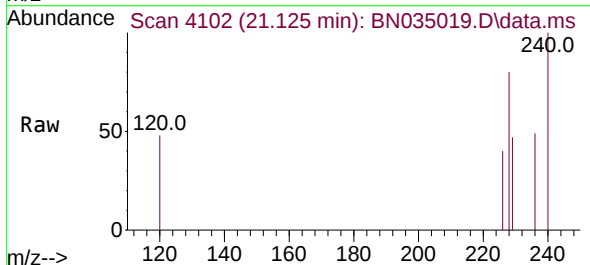
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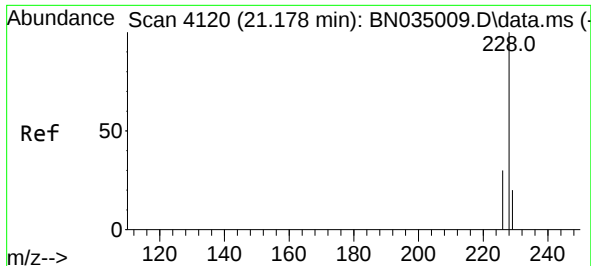
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#21
Benzo(a)anthracene
Concen: 0.024 ng/ul
RT: 21.125 min Scan# 4102
Delta R.T. -0.006 min
Lab File: BN035019.D
Acq: 11 Nov 2024 23:38

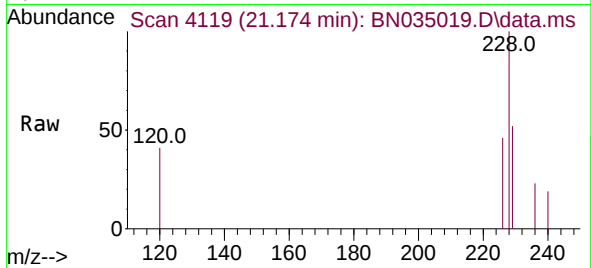
Tgt Ion:228 Resp: 894
Ion Ratio Lower Upper
228 100
229 58.6 15.8 23.8#
226 49.9 22.2 33.2#





#22
Chrysene
Concen: 0.059 ng/ul m
RT: 21.174 min Scan# 4119
Delta R.T. -0.009 min
Lab File: BN035019.D
Acq: 11 Nov 2024 23:38

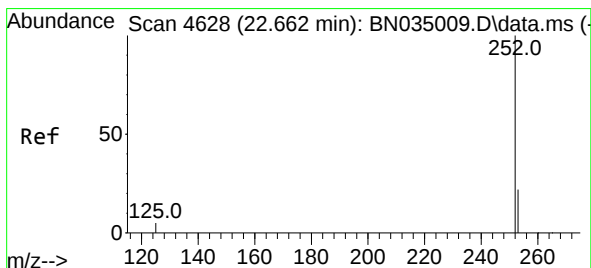
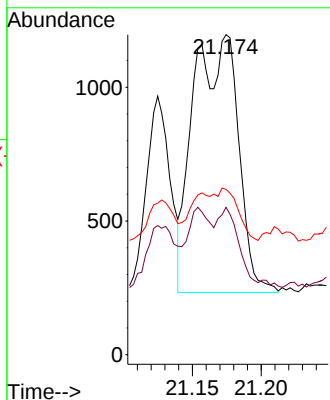
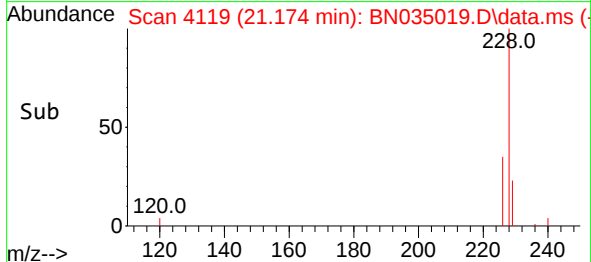
Instrument :
BNA_N
ClientSampleId :
CC0Q5



Tgt Ion:228 Resp: 2195
Ion Ratio Lower Upper
228 100
226 46.0 24.2 36.4#
229 51.6 15.4 23.2#

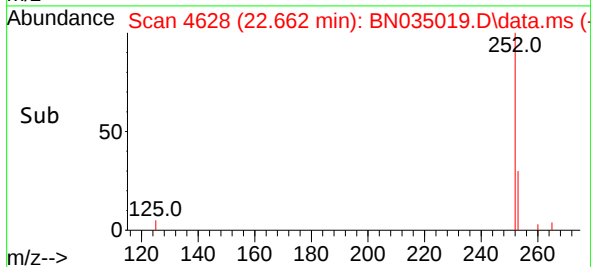
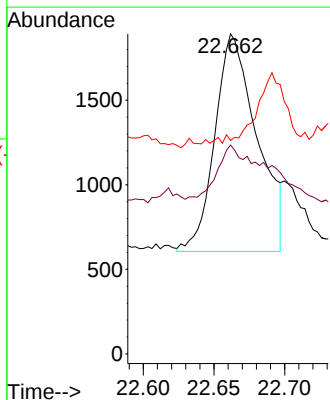
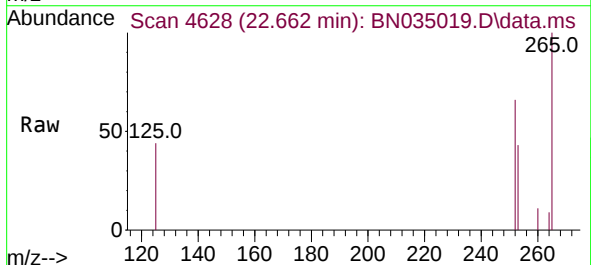
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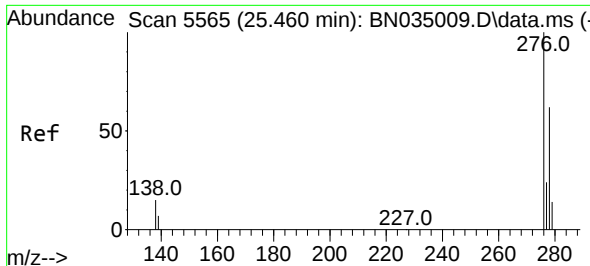
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Supervised By :mohammad ahmed 11/14/2024



#24
Benzo(b)fluoranthene
Concen: 0.064 ng/ul m
RT: 22.662 min Scan# 4628
Delta R.T. -0.009 min
Lab File: BN035019.D
Acq: 11 Nov 2024 23:38

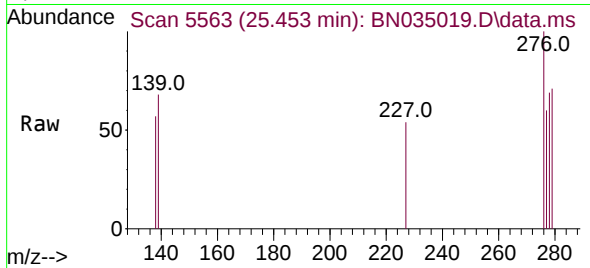
Tgt Ion:252 Resp: 2669
Ion Ratio Lower Upper
252 100
253 65.3 0.0 50.0#
125 66.8 0.0 14.0#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.028 ng/u1
RT: 25.453 min Scan# 5565
Delta R.T. -0.017 min
Lab File: BN035019.D
Acq: 11 Nov 2024 23:38

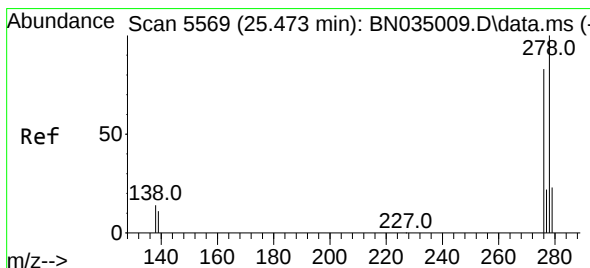
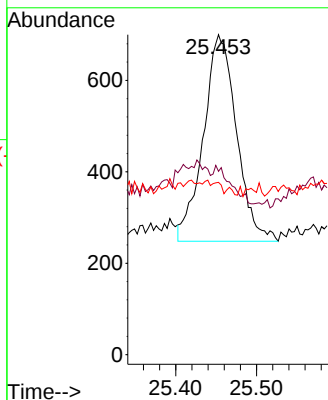
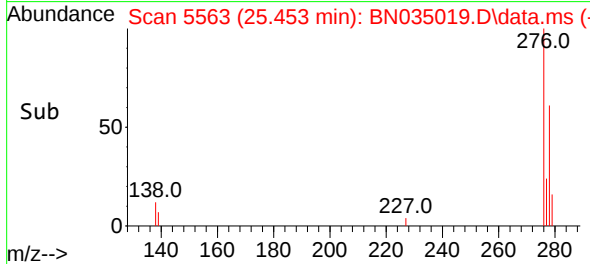
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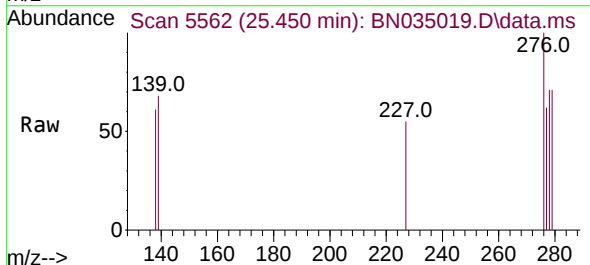
Tgt Ion:276 Resp: 1280
Ion Ratio Lower Upper
276 100
138 0.0 10.8 16.2#
227 0.0 0.2 0.4#

Manual Integrations
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#28
Dibenzo(a,h)anthracene
Concen: 0.026 ng/u1
RT: 25.450 min Scan# 5562
Delta R.T. -0.037 min
Lab File: BN035019.D
Acq: 11 Nov 2024 23:38



Tgt Ion:278 Resp: 933
Ion Ratio Lower Upper
278 100
139 95.2 8.4 12.6#
279 100.2 21.5 32.3#

