

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035013.D
 Acq On : 11 Nov 2024 20:02
 Operator : RC/JU
 Sample : P4636-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CC0P4

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 22:04:27 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	2914	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.328	136	7635	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.199	164	5369	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	11943	0.400	ng/ul	0.00
17) Chrysene-d12	21.142	240	11581	0.400	ng/ul	# 0.00
23) Perylene-d12	23.308	264	12033m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	8430	3.040	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	2599	0.222	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212	7480	0.252	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Pentachlorophenol	16.603	266	71	0.026	ng/ul#	84
15) Phenanthrene	16.987	178	3151	0.099	ng/ul	95
16) Anthracene	17.080	178	1014	0.034	ng/ul#	80
19) Fluoranthene	19.009	202	3130	0.081	ng/ul#	89
20) Pyrene	19.372	202	2317	0.058	ng/ul#	82
21) Benzo(a)anthracene	21.125	228	871	0.021	ng/ul#	68
22) Chrysene	21.177	228	1531m	0.036	ng/ul	
24) Benzo(b)fluoranthene	22.665	252	1103m	0.026	ng/ul	
29) Benzo(g,h,i)perylene	26.110	276	785m	0.022	ng/ul	

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

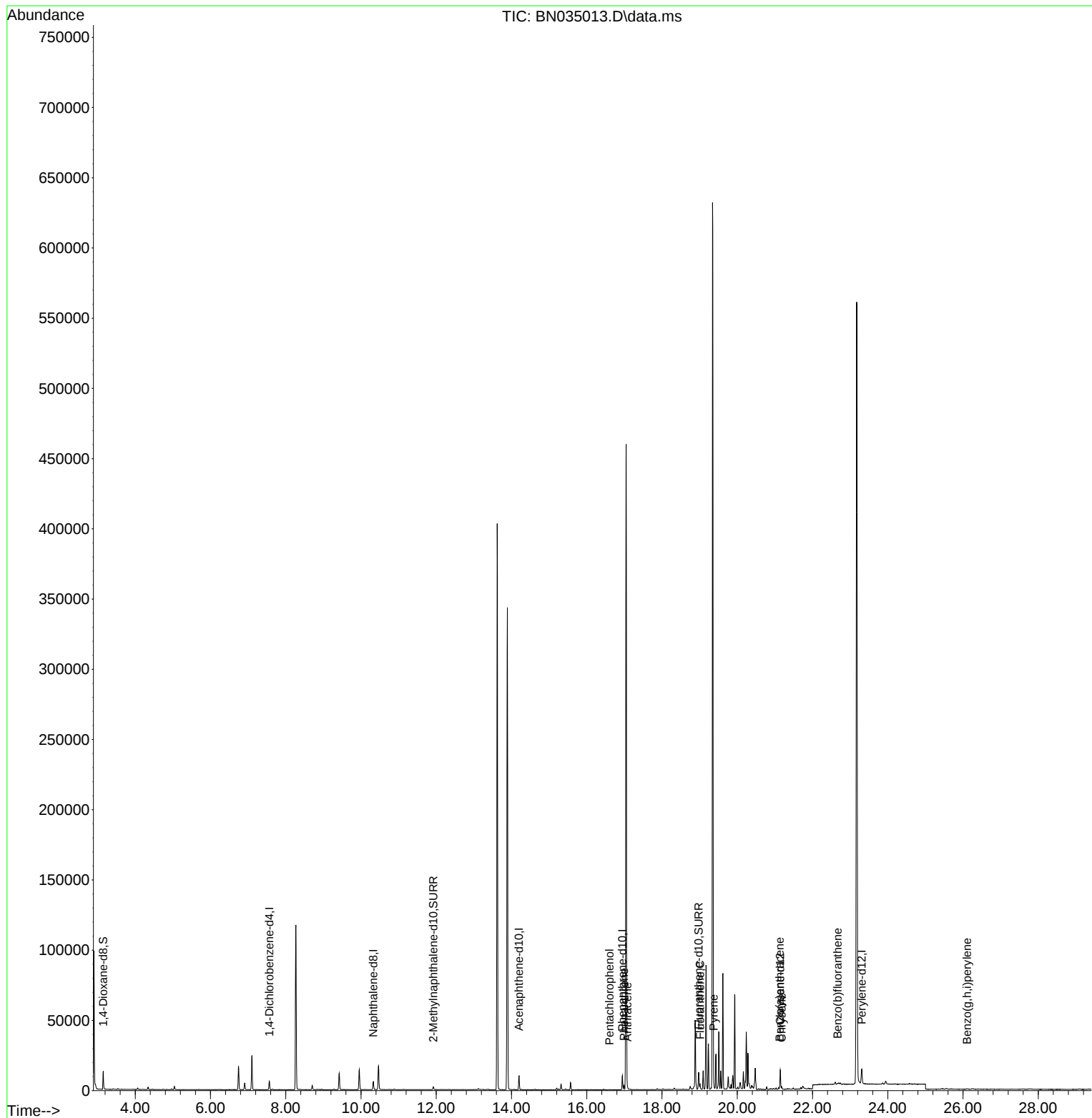
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035013.D
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ALS Vial : 23 Sample Multiplier: 1

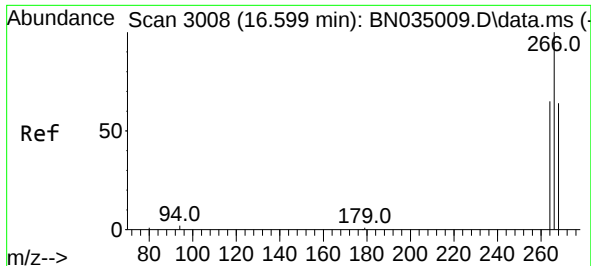
Instrument :
BNA_N
ClientSampleId :
CC0P4

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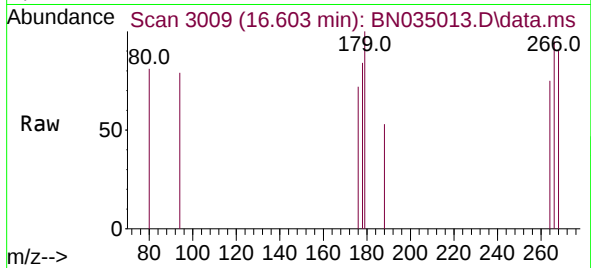
Quant Time: Nov 11 22:04:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
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QLast Update : Sat Nov 09 00:09:12 2024
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#14
Pentachlorophenol
Concen: 0.026 ng/u1
RT: 16.603 min Scan# 3009
Delta R.T. -0.004 min
Lab File: BN035013.D
Acq: 11 Nov 2024 20:02

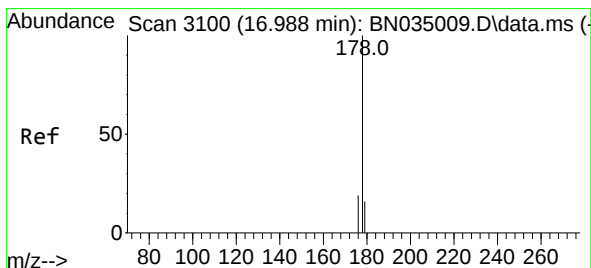
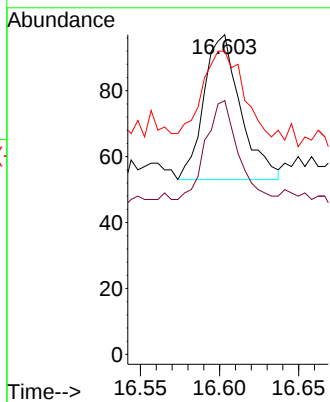
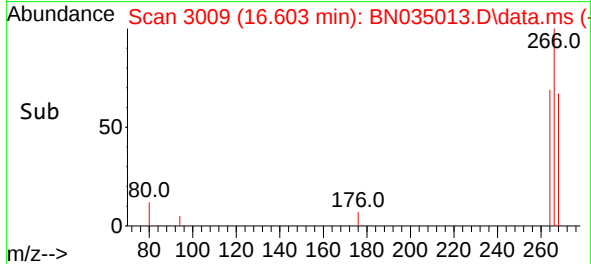
Instrument :
BNA_N
ClientSampleId :
CC0P4



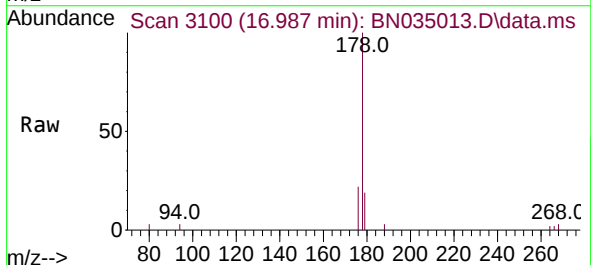
Tgt Ion:266 Resp: 72.6
Ion Ratio Lower Upper
266 100
264 62.0 50.2 75.2
268 84.5 48.4 72.6

Manual Integrations
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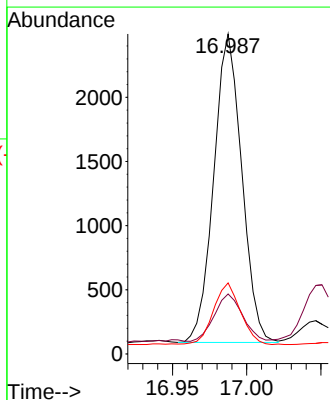
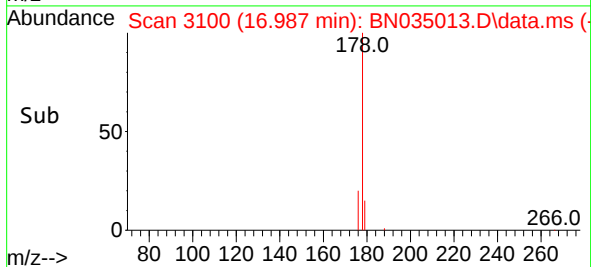
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Supervised By :mohammad ahmed 11/14/2024

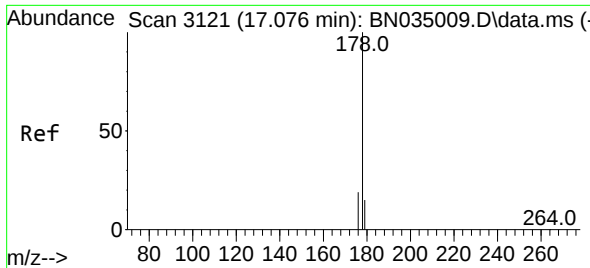


#15
Phenanthrene
Concen: 0.099 ng/u1
RT: 16.987 min Scan# 3100
Delta R.T. -0.008 min
Lab File: BN035013.D
Acq: 11 Nov 2024 20:02



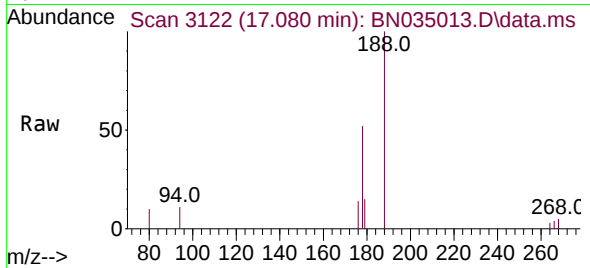
Tgt Ion:178 Resp: 3151
Ion Ratio Lower Upper
178 100
179 18.7 13.4 20.2
176 22.2 15.8 23.6





#16
Anthracene
Concen: 0.034 ng/ul
RT: 17.080 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BN035013.D
Acq: 11 Nov 2024 20:02

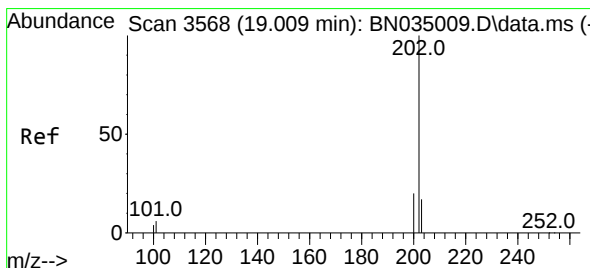
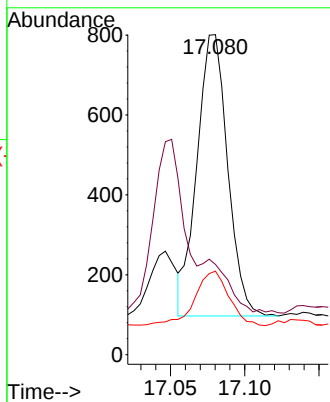
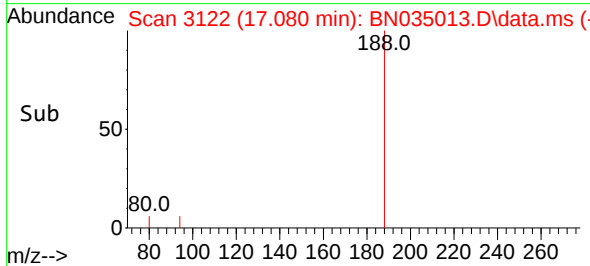
Instrument :
BNA_N
ClientSampleId :
CC0P4



Tgt Ion:178 Resp: 1014
Ion Ratio Lower Upper
178 100
179 28.2 13.3 19.9#
176 26.1 15.8 23.8#

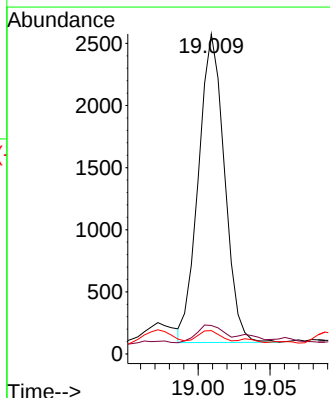
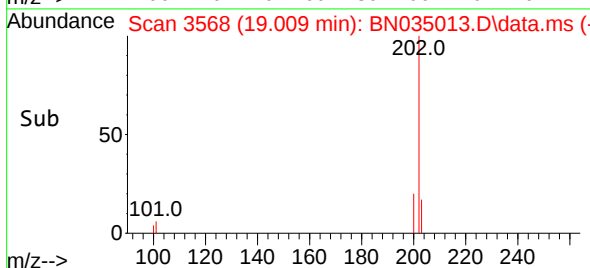
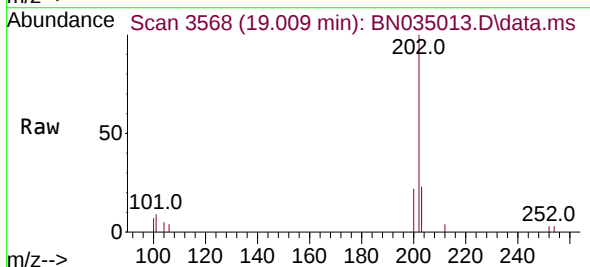
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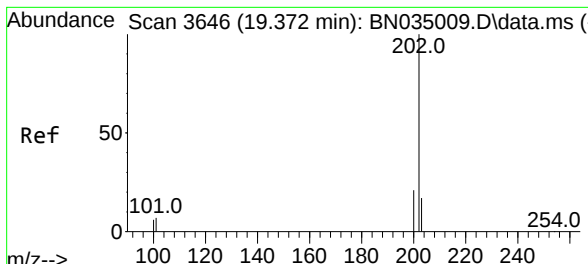
Reviewed By :Yogesh Patel 11/12/2024
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#19
Fluoranthene
Concen: 0.081 ng/ul
RT: 19.009 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BN035013.D
Acq: 11 Nov 2024 20:02

Tgt Ion:202 Resp: 3130
Ion Ratio Lower Upper
202 100
101 8.9 4.2 6.2#
100 7.3 3.2 4.8#





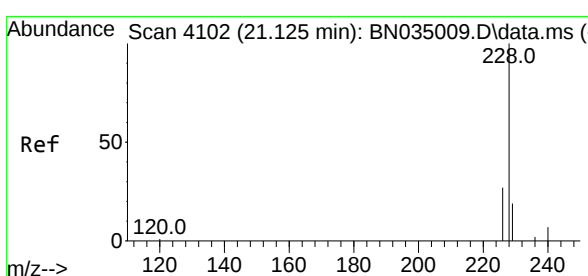
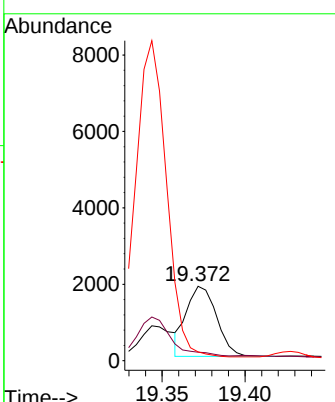
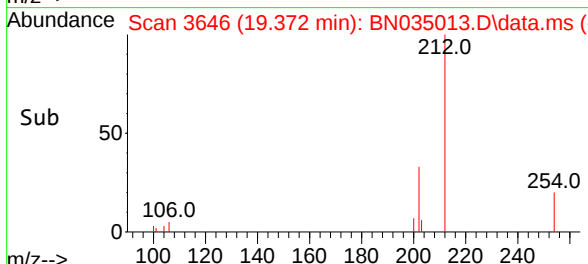
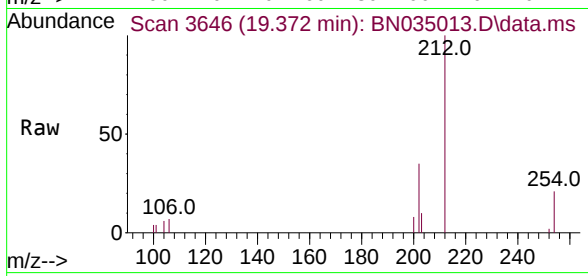
#20
 Pyrene
 Concen: 0.058 ng/ul
 RT: 19.372 min Scan# 3646
 Delta R.T. -0.009 min
 Lab File: BN035013.D
 Acq: 11 Nov 2024 20:02

Instrument :
 BNA_N
 ClientSampleId :
 CC0P4

Tgt Ion:	202	Resp:	231
Ion Ratio	Lower	Upper	
202	100		
101	11.4	5.0	7.4
100	11.9	4.1	6.1

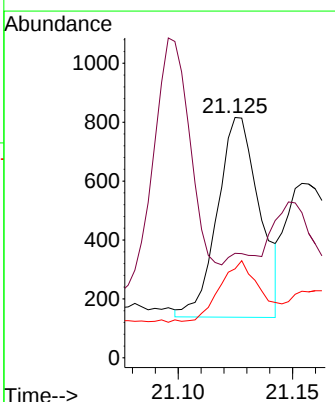
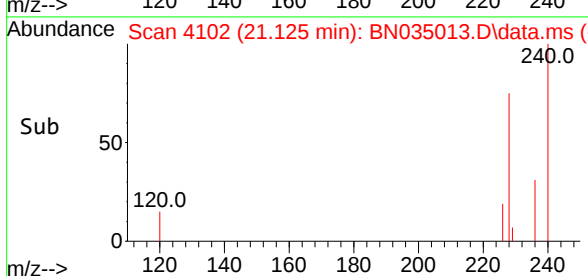
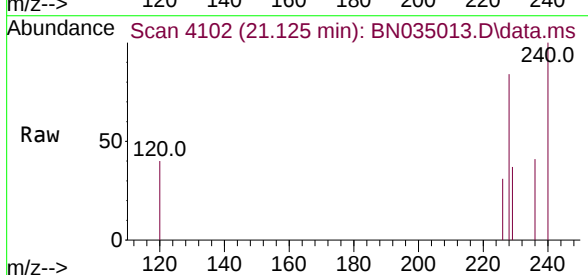
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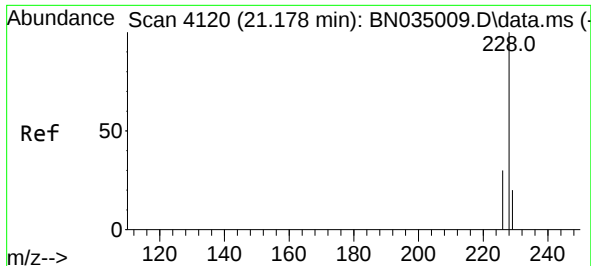
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 Supervised By :mohammad ahmed 11/14/2024



#21
 Benzo(a)anthracene
 Concen: 0.021 ng/ul
 RT: 21.125 min Scan# 4102
 Delta R.T. -0.006 min
 Lab File: BN035013.D
 Acq: 11 Nov 2024 20:02

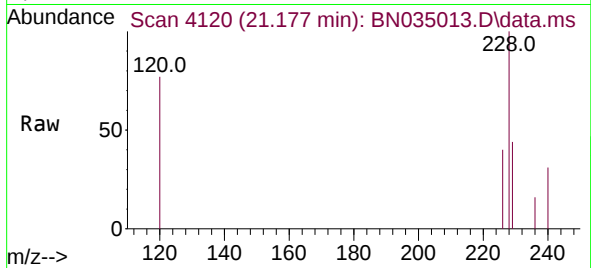
Tgt Ion:	228	Resp:	871
Ion Ratio	Lower	Upper	
228	100		
229	43.5	15.8	23.8
226	37.0	22.2	33.2





#22
Chrysene
Concen: 0.036 ng/ul m
RT: 21.177 min Scan# 4120
Delta R.T. -0.006 min
Lab File: BN035013.D
Acq: 11 Nov 2024 20:02

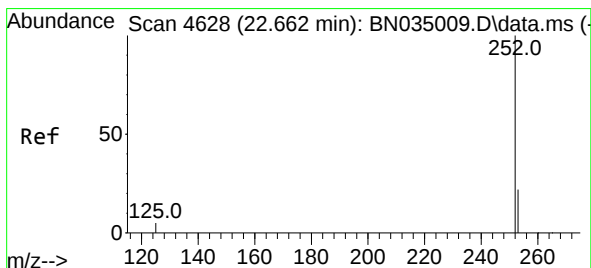
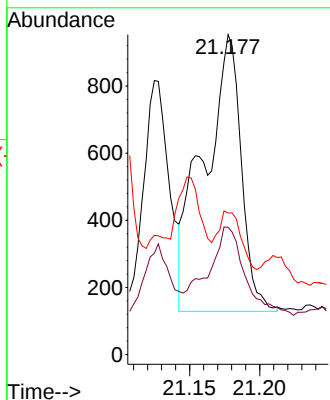
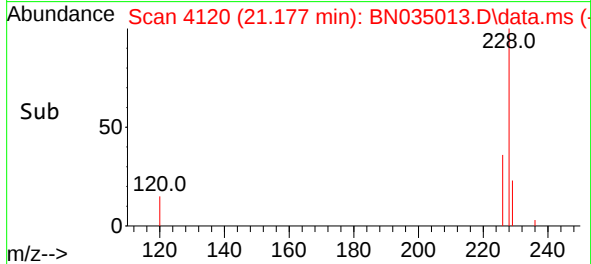
Instrument :
BNA_N
ClientSampleId :
CC0P4



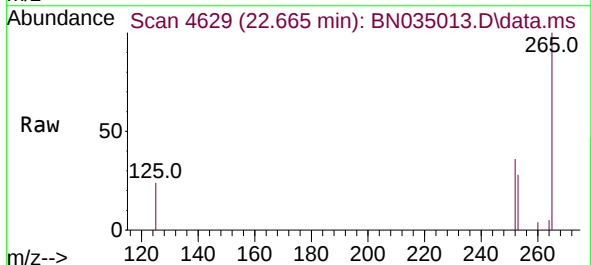
Tgt Ion:228 Resp: 153
Ion Ratio Lower Upper
228 100
226 39.8 24.2 36.4
229 44.3 15.4 23.2

Manual Integrations
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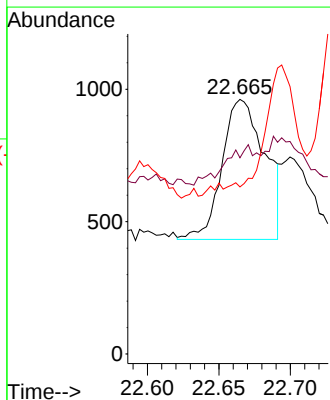
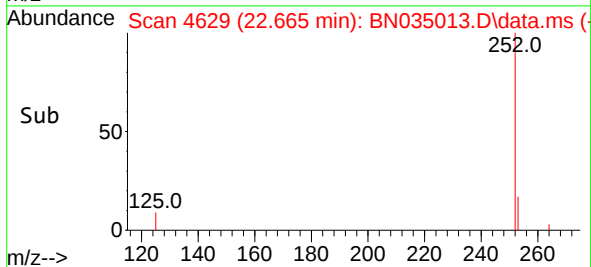
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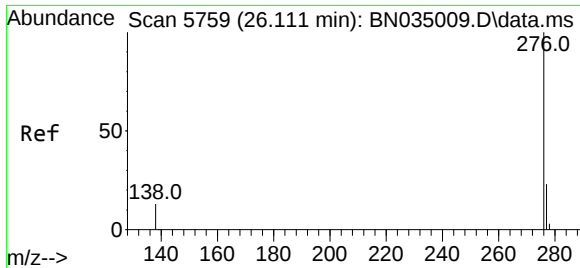


#24
Benzo(b)fluoranthene
Concen: 0.026 ng/ul m
RT: 22.665 min Scan# 4629
Delta R.T. -0.006 min
Lab File: BN035013.D
Acq: 11 Nov 2024 20:02



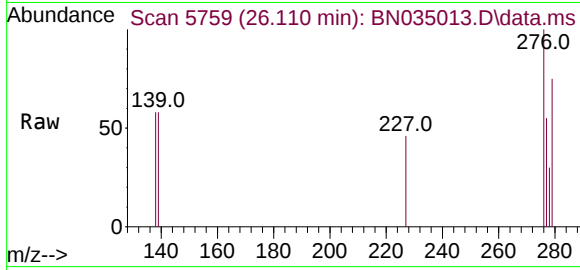
Tgt Ion:252 Resp: 1103
Ion Ratio Lower Upper
252 100
253 77.0 0.0 50.0#
125 65.6 0.0 14.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.022 ng/ul m
 RT: 26.110 min Scan# 51
 Delta R.T. -0.017 min
 Lab File: BN035013.D
 Acq: 11 Nov 2024 20:02

Instrument :
 BNA_N
 ClientSampleId :
 CC0P4



Tgt Ion: 276 Resp: 78

Ion	Ratio	Lower	Upper
276	100		
138	58.2	10.3	15.5
277	55.4	20.2	30.2

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