

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035015.D
 Acq On : 11 Nov 2024 21:14
 Operator : RC/JU
 Sample : P4636-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CC0P8

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 22:04:55 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	3639	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.328	136	9232	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.199	164	6012	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	12424	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	11724	0.400	ng/ul	# 0.00
23) Perylene-d12	23.306	264	13207	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	3430	0.991	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	993	0.070	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212	2404	0.080	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.988	178	1006	0.030	ng/ul#	82
19) Fluoranthene	19.010	202	3685	0.094	ng/ul#	89
20) Pyrene	19.372	202	3715	0.091	ng/ul#	89
21) Benzo(a)anthracene	21.125	228	2664	0.063	ng/ul#	86
22) Chrysene	21.175	228	3602	0.083	ng/ul#	89
24) Benzo(b)fluoranthene	22.662	252	4435m	0.096	ng/ul	
25) Benzo(k)fluoranthene	22.697	252	1822m	0.037	ng/ul	
26) Benzo(a)pyrene	23.209	252	1327	0.032	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.454	276	1598	0.031	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.457	278	940	0.024	ng/ul#	1

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

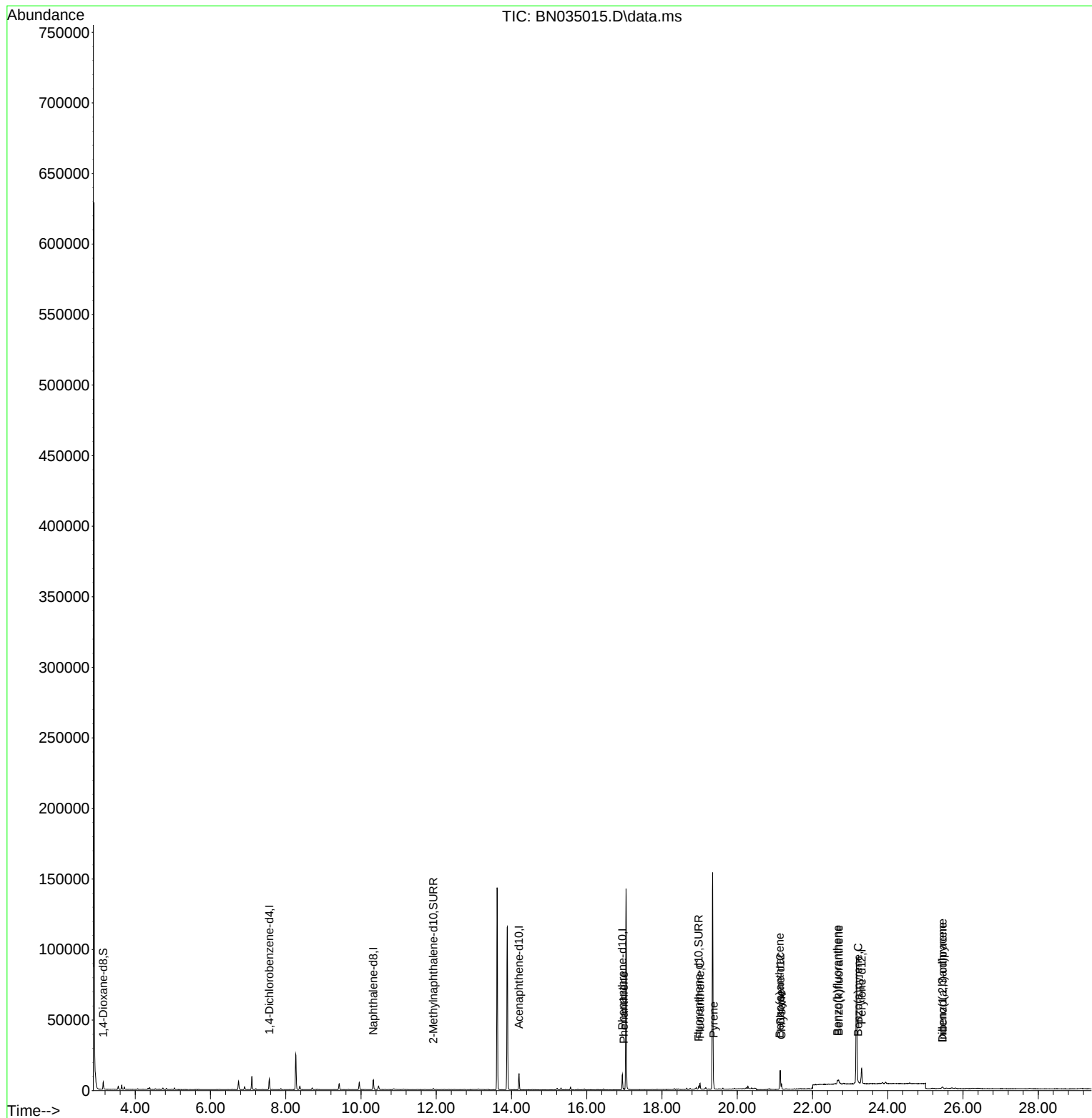
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035015.D
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ALS Vial : 25 Sample Multiplier: 1

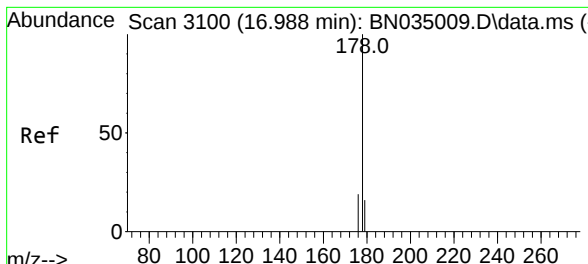
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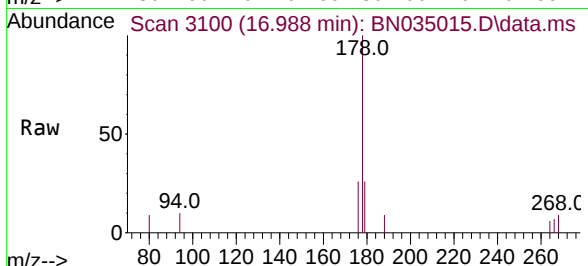
Quant Time: Nov 11 22:04:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.030 ng/ul
RT: 16.988 min Scan# 3100
Delta R.T. -0.008 min
Lab File: BN035015.D
Acq: 11 Nov 2024 21:14

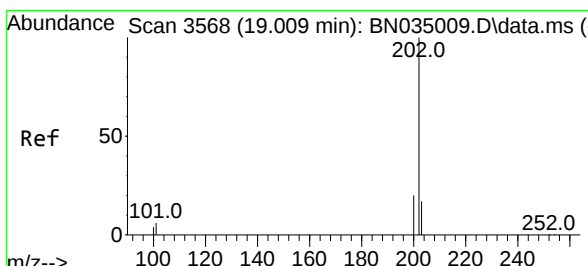
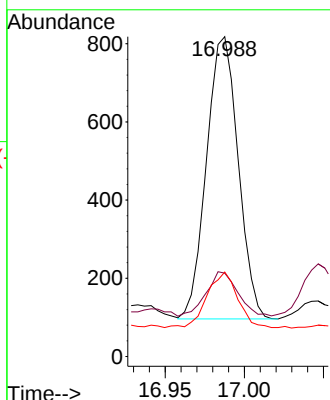
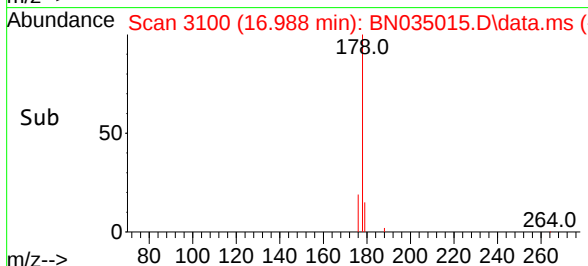
Instrument :
BNA_N
ClientSampleId :
CC0P8



Tgt Ion:178 Resp: 1000
Ion Ratio Lower Upper
178 100
179 26.0 13.4 20.2
176 26.4 15.8 23.6

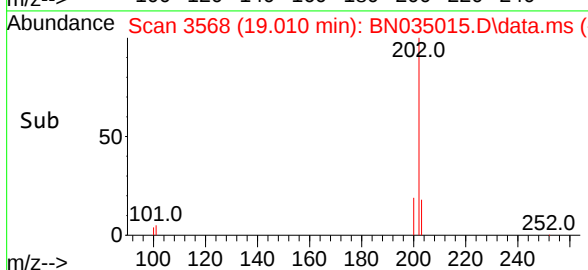
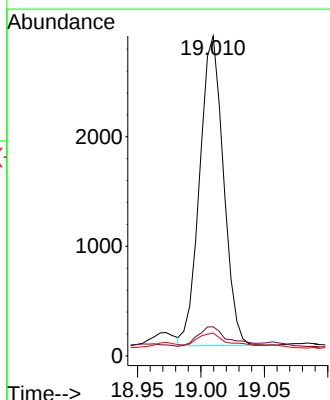
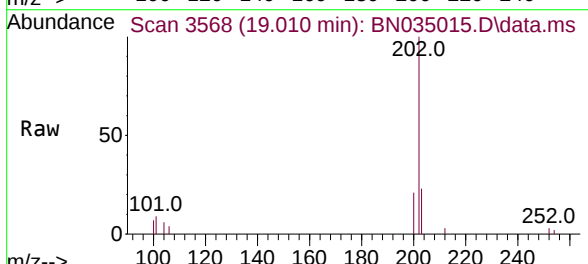
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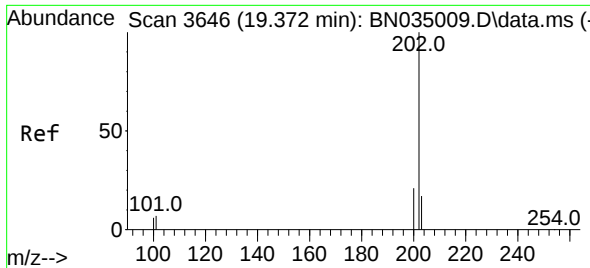
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



#19
Fluoranthene
Concen: 0.094 ng/ul
RT: 19.010 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BN035015.D
Acq: 11 Nov 2024 21:14

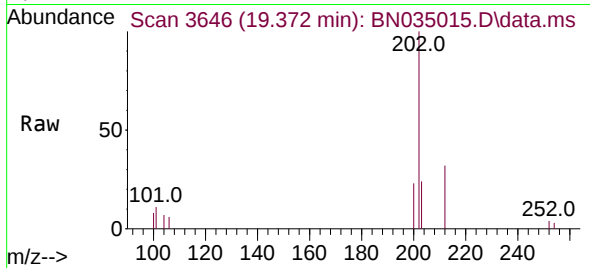
Tgt Ion:202 Resp: 3685
Ion Ratio Lower Upper
202 100
101 9.1 4.2 6.2#
100 7.1 3.2 4.8#





#20
Pyrene
Concen: 0.091 ng/ul
RT: 19.372 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BN035015.D
Acq: 11 Nov 2024 21:14

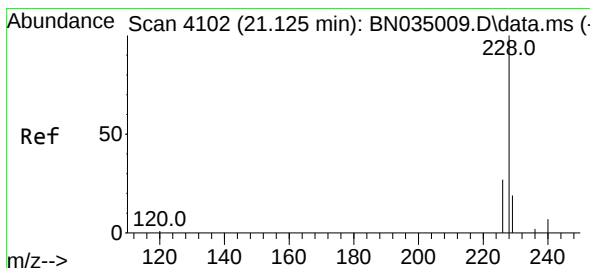
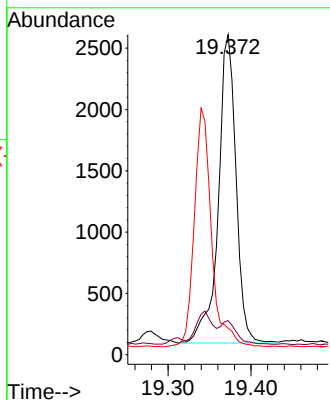
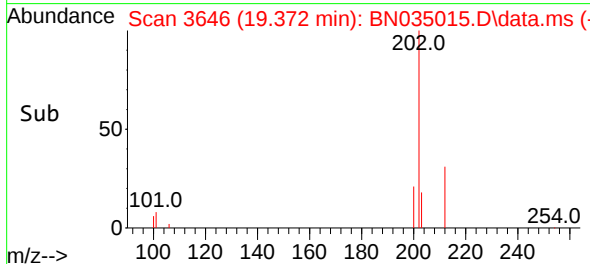
Instrument :
BNA_N
ClientSampleId :
CC0P8



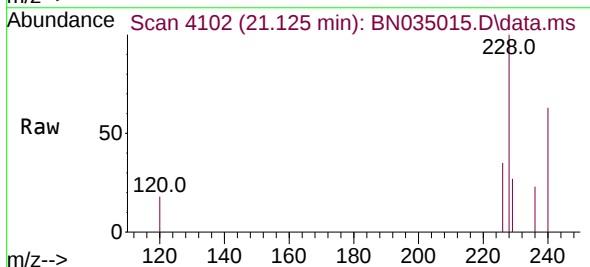
Tgt Ion:202 Resp: 3715
Ion Ratio Lower Upper
202 100
101 10.7 5.0 7.4#
100 8.2 4.1 6.1#

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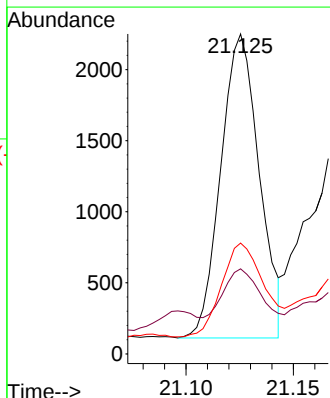
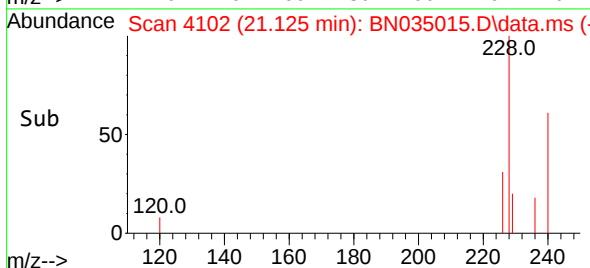
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024

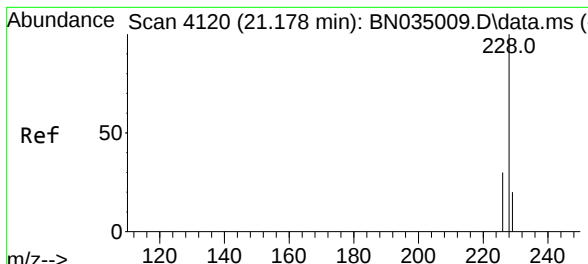


#21
Benzo(a)anthracene
Concen: 0.063 ng/ul
RT: 21.125 min Scan# 4102
Delta R.T. -0.005 min
Lab File: BN035015.D
Acq: 11 Nov 2024 21:14



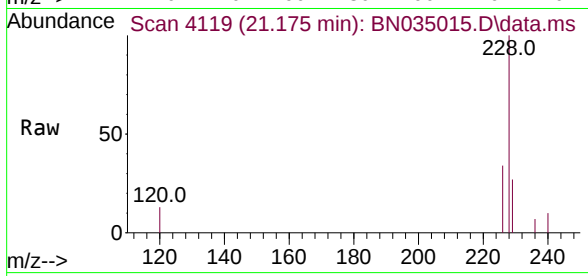
Tgt Ion:228 Resp: 2664
Ion Ratio Lower Upper
228 100
229 26.6 15.8 23.8#
226 34.7 22.2 33.2#





#22
Chrysene
Concen: 0.083 ng/ul
RT: 21.175 min Scan# 4119
Delta R.T. -0.008 min
Lab File: BN035015.D
Acq: 11 Nov 2024 21:14

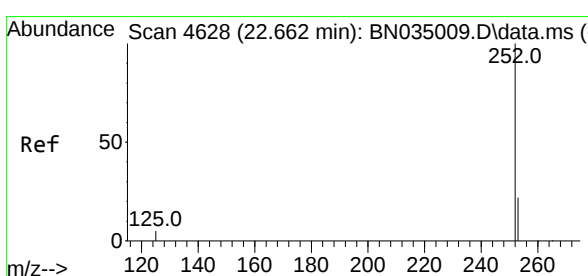
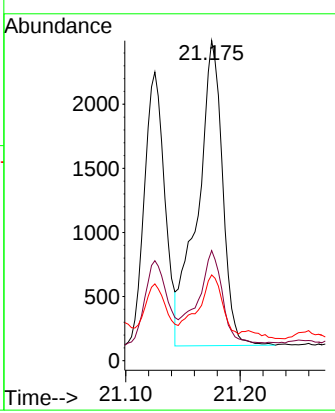
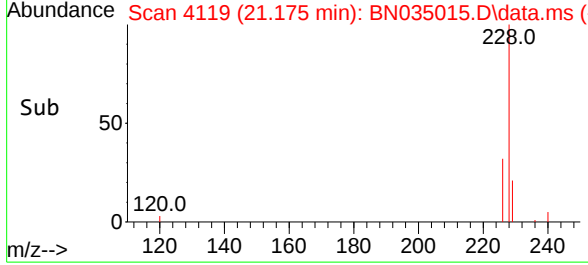
Instrument : BNA_N
ClientSampleId : CC0P8



Tgt Ion:228 Resp: 3602

Ion	Ratio	Lower	Upper
228	100		
226	34.4	24.2	36.4
229	26.8	15.4	23.2

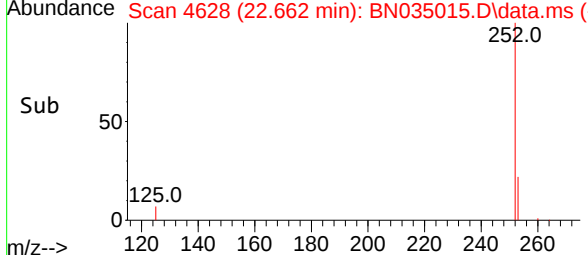
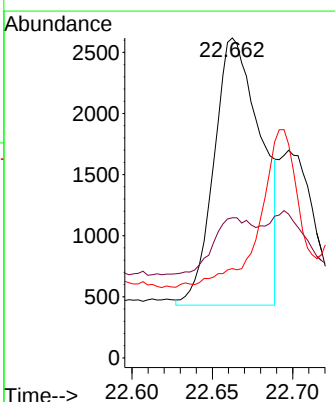
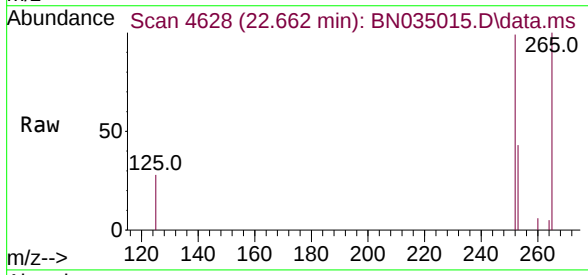
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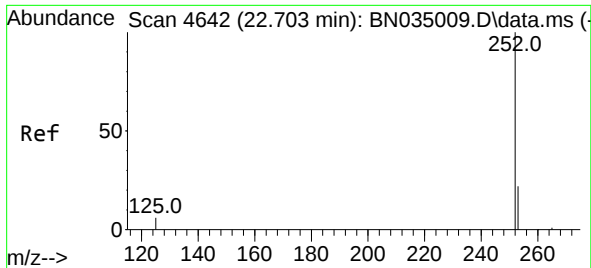


#24
Benzo(b)fluoranthene
Concen: 0.096 ng/ul m
RT: 22.662 min Scan# 4628
Delta R.T. -0.008 min
Lab File: BN035015.D
Acq: 11 Nov 2024 21:14

Tgt Ion:252 Resp: 4435

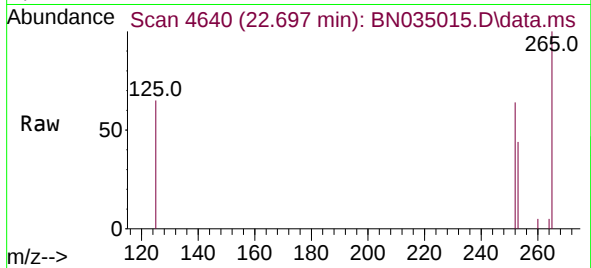
Ion	Ratio	Lower	Upper
252	100		
253	43.8	0.0	50.0
125	28.0	0.0	14.0





#25
Benzo(k)fluoranthene
Concen: 0.037 ng/ul m
RT: 22.697 min Scan# 4640
Delta R.T. -0.014 min
Lab File: BN035015.D
Acq: 11 Nov 2024 21:14

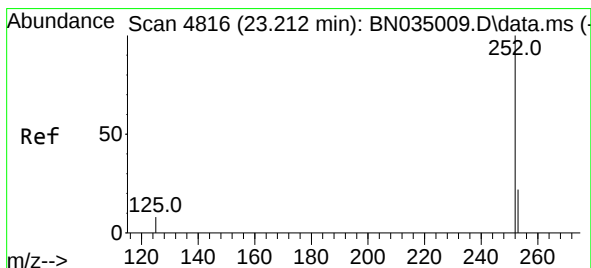
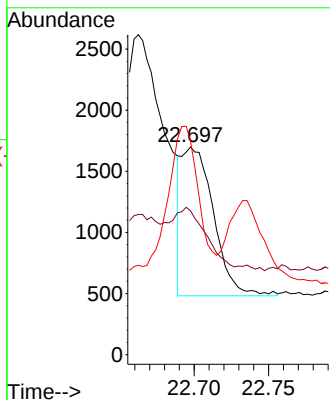
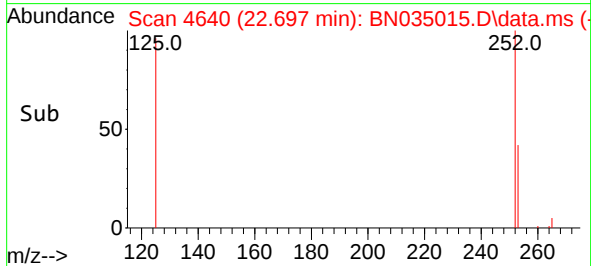
Instrument :
BNA_N
ClientSampleId :
CC0P8



Tgt Ion:252 Resp: 182
Ion Ratio Lower Upper
252 100
253 69.3 20.2 30.4#
125 102.8 5.8 8.8#

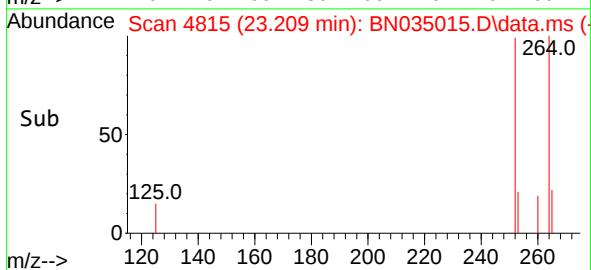
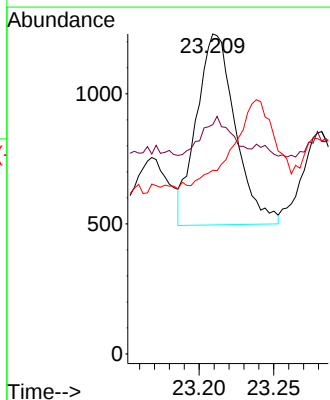
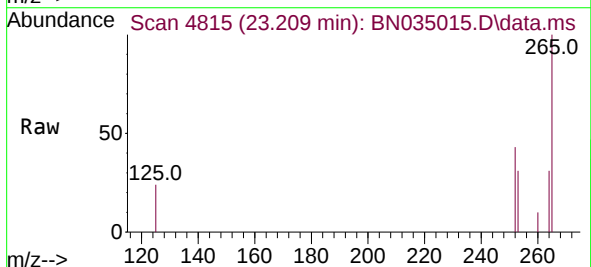
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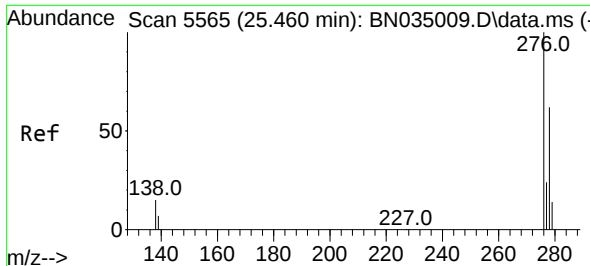
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



#26
Benzo(a)pyrene
Concen: 0.032 ng/ul
RT: 23.209 min Scan# 4815
Delta R.T. -0.008 min
Lab File: BN035015.D
Acq: 11 Nov 2024 21:14

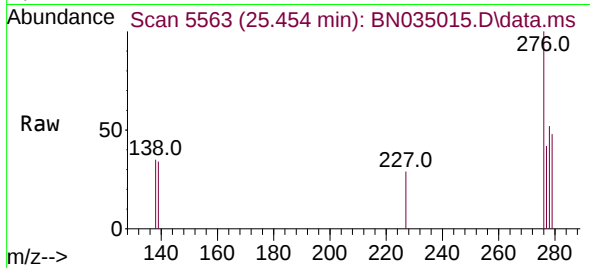
Tgt Ion:252 Resp: 1327
Ion Ratio Lower Upper
252 100
253 71.6 21.2 31.8#
125 57.4 6.3 9.5#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng/ul
RT: 25.454 min Scan# 5563
Delta R.T. -0.016 min
Lab File: BN035015.D
Acq: 11 Nov 2024 21:14

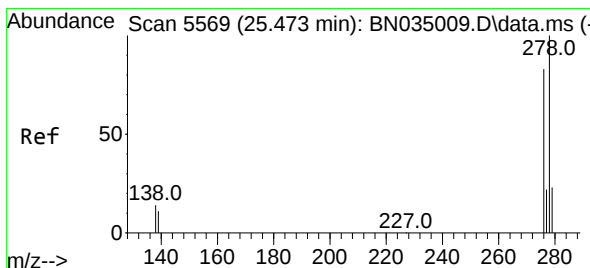
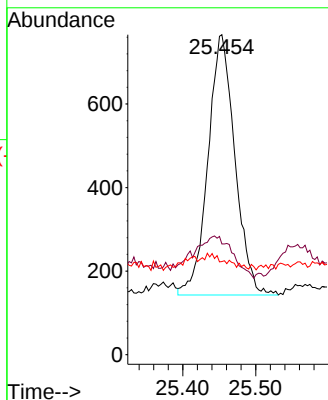
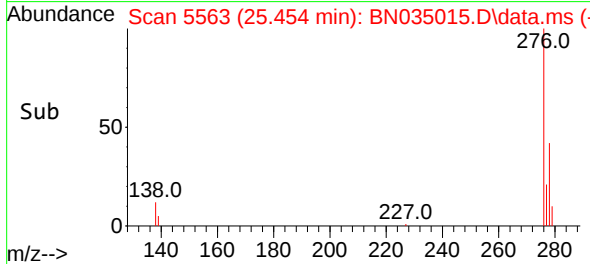
Instrument :
BNA_N
ClientSampleId :
CC0P8



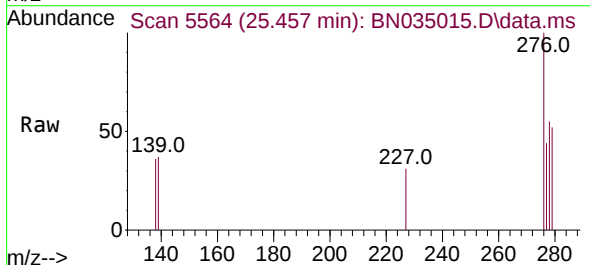
Tgt Ion:276 Resp: 1598
Ion Ratio Lower Upper
276 100
138 19.8 10.8 16.2#
227 0.0 0.2 0.4#

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



#28
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 25.457 min Scan# 5564
Delta R.T. -0.030 min
Lab File: BN035015.D
Acq: 11 Nov 2024 21:14



Tgt Ion:278 Resp: 940
Ion Ratio Lower Upper
278 100
139 66.7 8.4 12.6#
279 93.5 21.5 32.3#

