

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028893.D
 Acq On : 27 Nov 2023 23:46
 Operator : MA/JU
 Sample : 05416-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 28 04:31:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.656	152	4310m	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.429	136	13383	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.288	164	6933	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.043	188	13742	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.260	240	12414	0.400	ng/ul	0.00
23) Perylene-d12	23.534	264	15617	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	31094	6.528	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.046	152	4564	0.227	ng/ul	-0.03
18) Fluoranthene-d10	19.085	212	14337	0.359	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.479	128	4163	0.111	ng/ul#	79
7) 2-Methylnaphthalene	12.118	142	2210	0.089	ng/ul	96
8) 1-Methylnaphthalene	12.327	142	2201	0.088	ng/ul	95
15) Phenanthrene	17.085	178	22468	0.532	ng/ul	99
19) Fluoranthene	19.113	202	38655	0.732	ng/ul	99
20) Pyrene	19.475	202	24027m	0.439	ng/ul	
21) Benzo(a)anthracene	21.246	228	9607	0.196	ng/ul#	87
22) Chrysene	21.295	228	24176m	0.504	ng/ul	
24) Benzo(b)fluoranthene	22.847	252	19811m	0.338	ng/ul	
25) Benzo(k)fluoranthene	22.888	252	4509m	0.073	ng/ul	
26) Benzo(a)pyrene	23.426	252	1427	0.026	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.860	276	3160	0.051	ng/ul#	99
29) Benzo(g,h,i)perylene	26.571	276	3558	0.071	ng/ul#	70

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

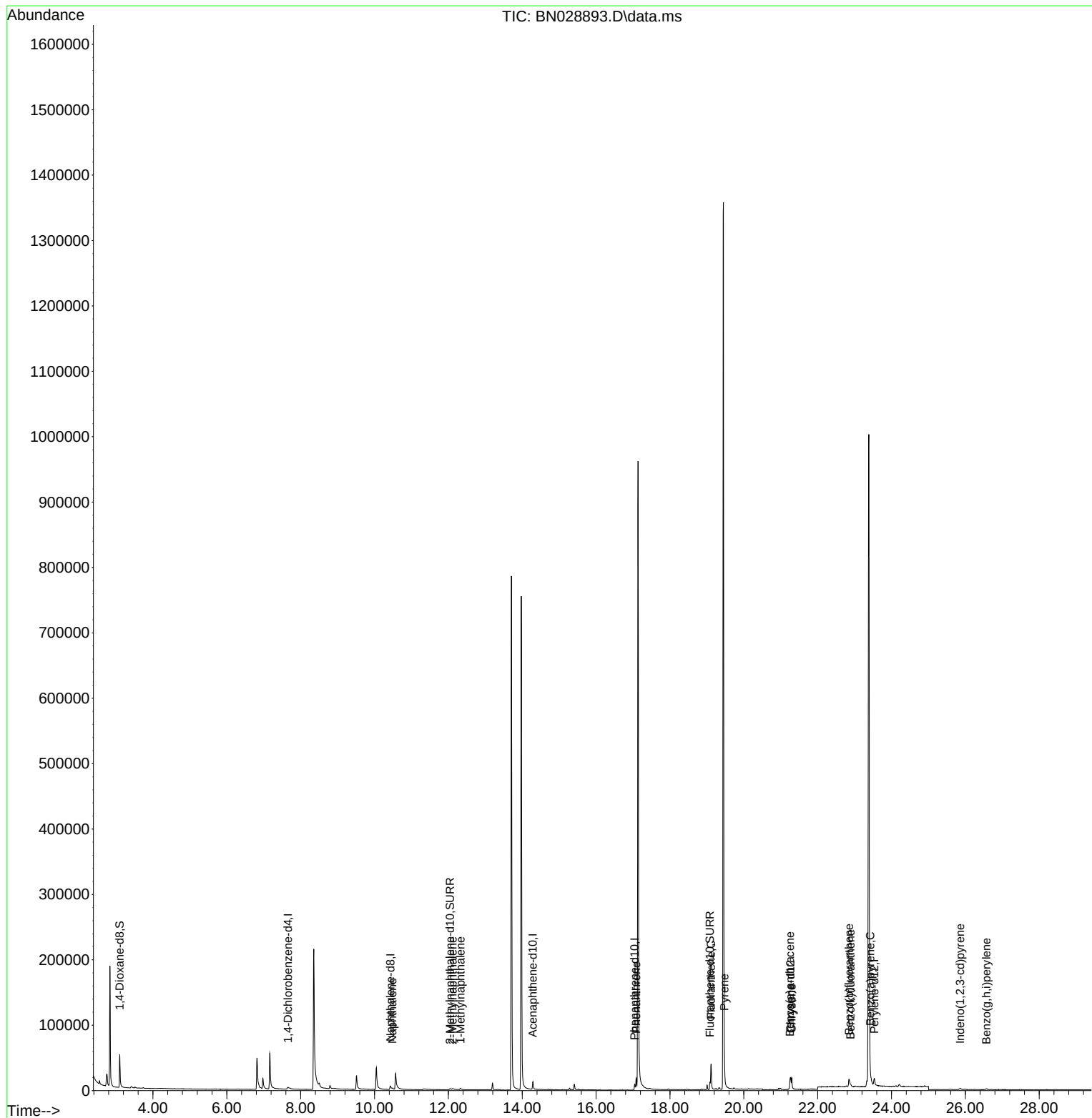
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028893.D
Acq On : 27 Nov 2023 23:46
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ALS Vial : 22 Sample Multiplier: 1

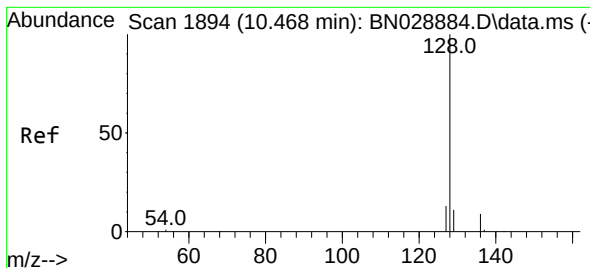
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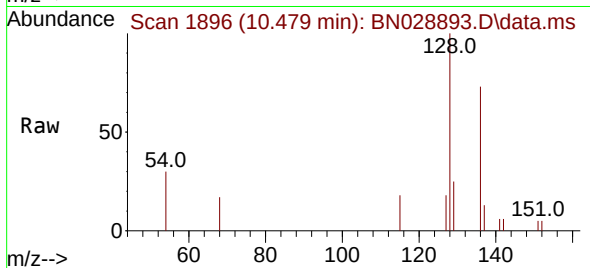
Quant Time: Nov 28 04:31:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
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#5
Naphthalene
Concen: 0.111 ng/ul
RT: 10.479 min Scan# 1896
Delta R.T. -0.028 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

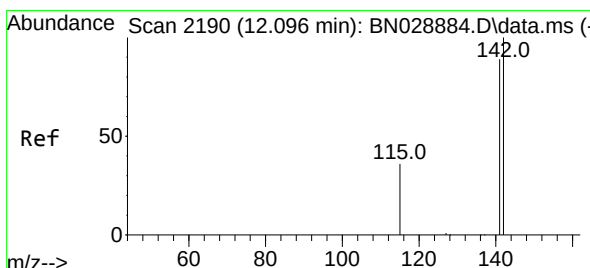
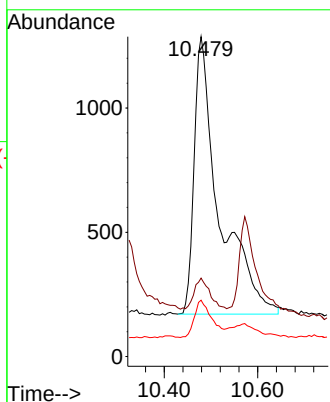
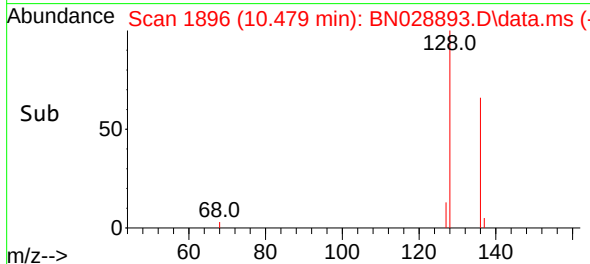
Instrument :
BNA_N
ClientSampleId :
C0AC1



Tgt Ion:128 Resp: 416
Ion Ratio Lower Upper
128 100
129 24.6 9.2 13.8
127 17.6 10.7 16.1

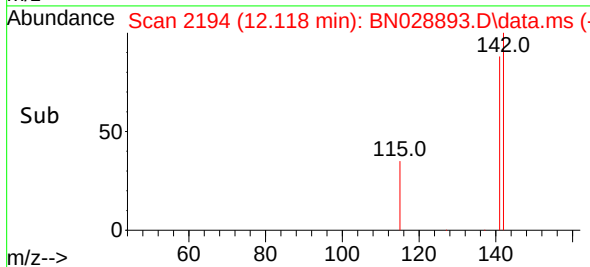
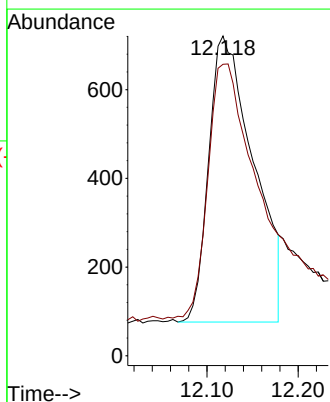
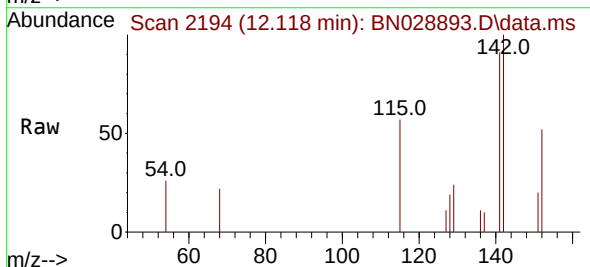
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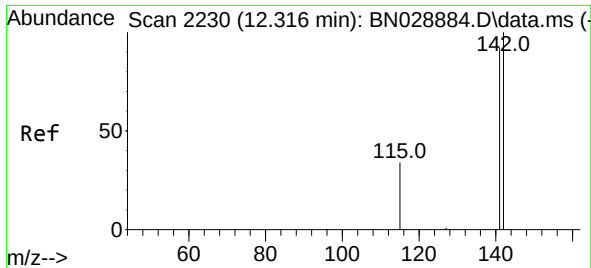
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#7
2-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.118 min Scan# 2194
Delta R.T. -0.022 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

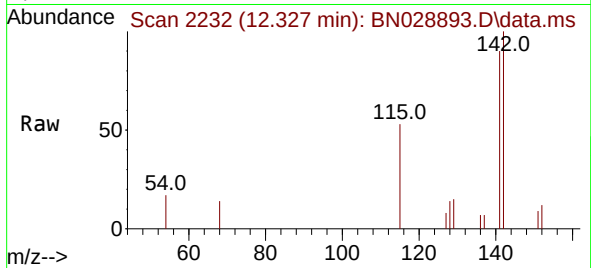
Tgt Ion:142 Resp: 2210
Ion Ratio Lower Upper
142 100
141 92.1 70.8 106.2





#8
1-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 12.327 min Scan# 211
Delta R.T. -0.011 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

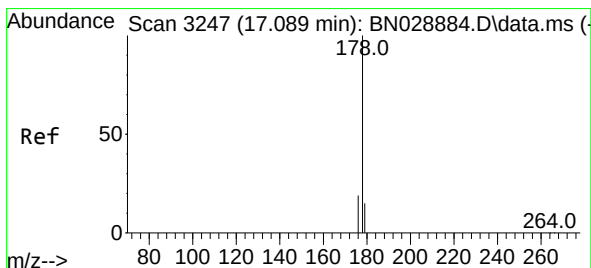
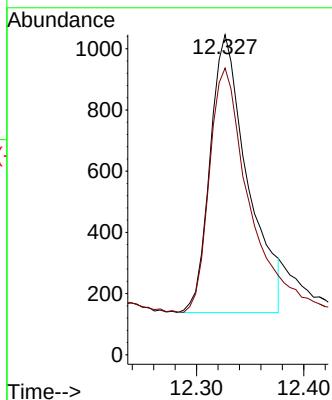
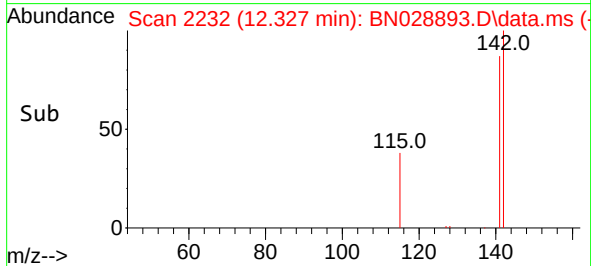
Instrument :
BNA_N
ClientSampleId :
C0AC1



Tgt Ion:142 Resp: 220
Ion Ratio Lower Upper
142 100
141 87.8 74.1 111.1

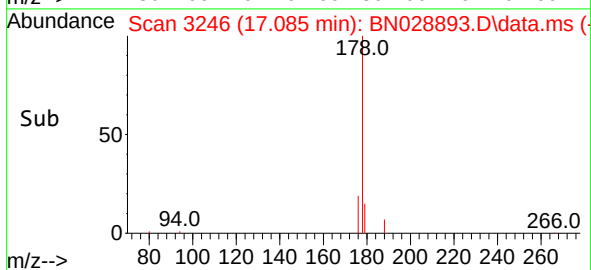
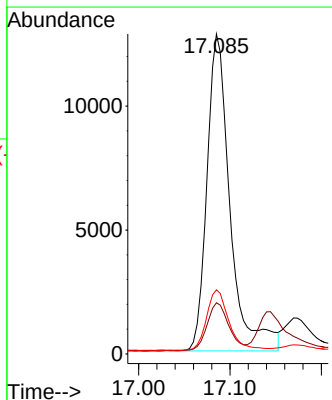
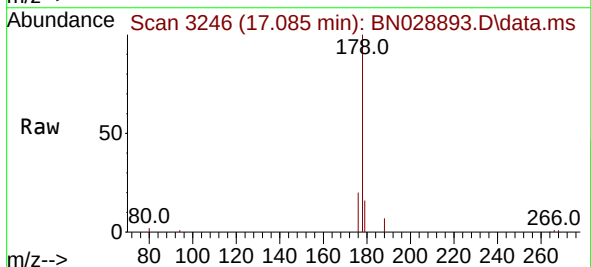
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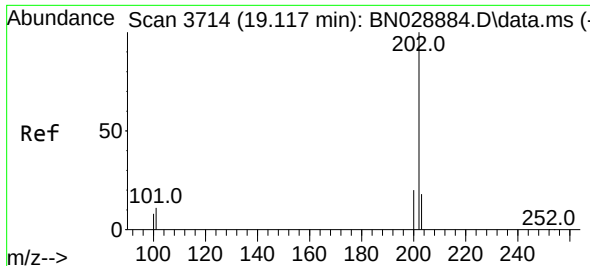
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#15
Phenanthrene
Concen: 0.532 ng/ul
RT: 17.085 min Scan# 3246
Delta R.T. -0.018 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

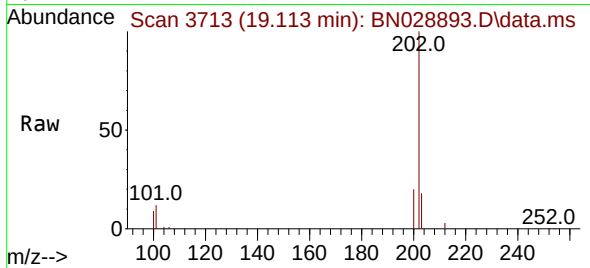
Tgt Ion:178 Resp: 22468
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 20.0 15.4 23.2





#19
Fluoranthene
Concen: 0.732 ng/ul
RT: 19.113 min Scan# 3713
Delta R.T. -0.010 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

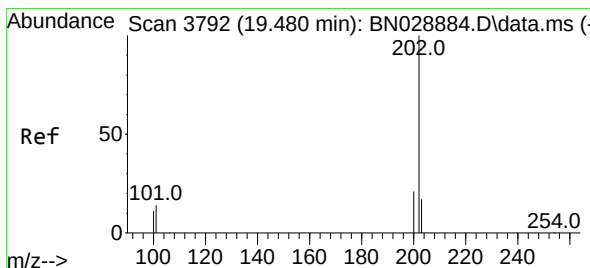
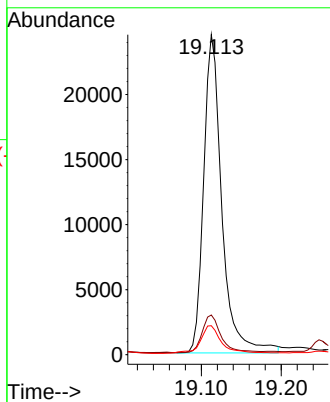
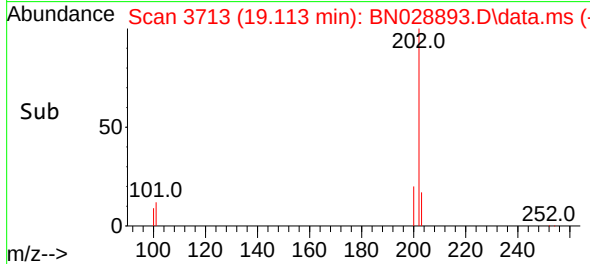
Instrument :
BNA_N
ClientSampleId :
C0AC1



Tgt Ion:202 Resp: 3865
Ion Ratio Lower Upper
202 100
101 12.4 9.5 14.3
100 9.0 7.2 10.8

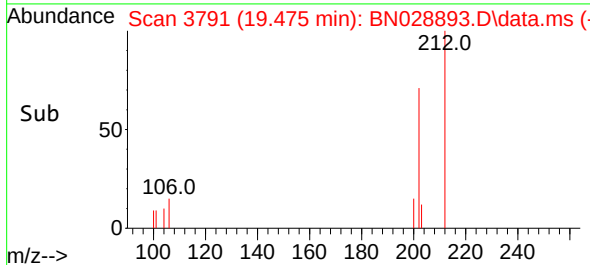
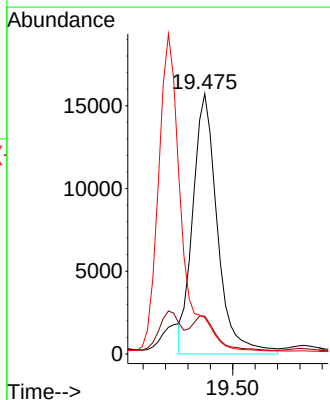
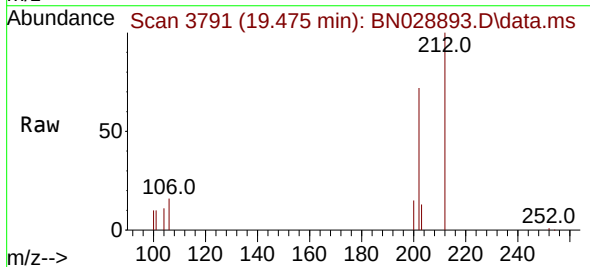
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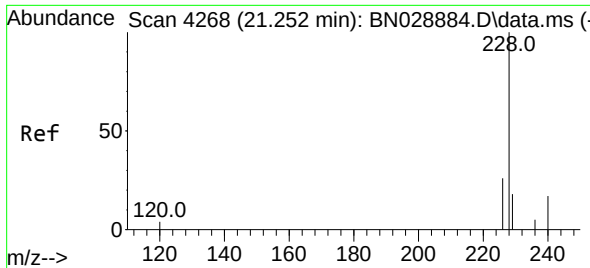
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#20
Pyrene
Concen: 0.439 ng/ul m
RT: 19.475 min Scan# 3791
Delta R.T. -0.010 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

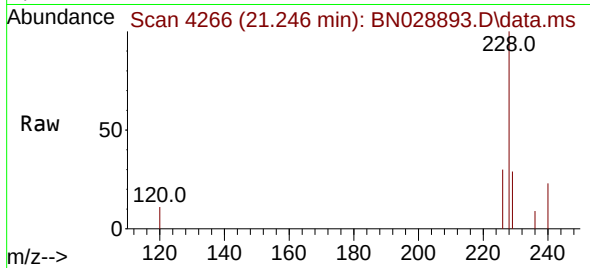
Tgt Ion:202 Resp: 24027
Ion Ratio Lower Upper
202 100
101 14.6 10.3 15.5
100 13.9 8.2 12.2#





#21
Benzo(a)anthracene
Concen: 0.196 ng/ul
RT: 21.246 min Scan# 4266
Delta R.T. -0.010 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

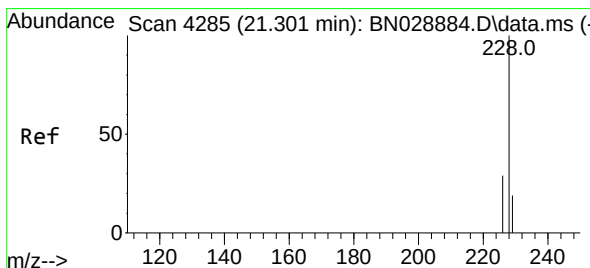
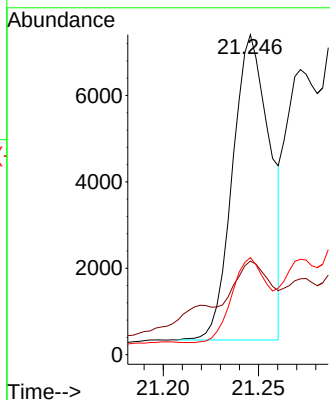
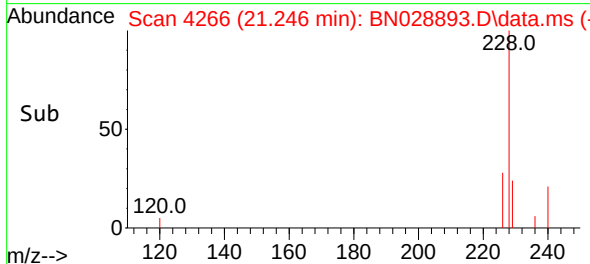
Instrument :
BNA_N
ClientSampleId :
C0AC1



Tgt Ion:228 Resp: 9607
Ion Ratio Lower Upper
228 100
229 29.2 15.7 23.5
226 30.3 21.4 32.0

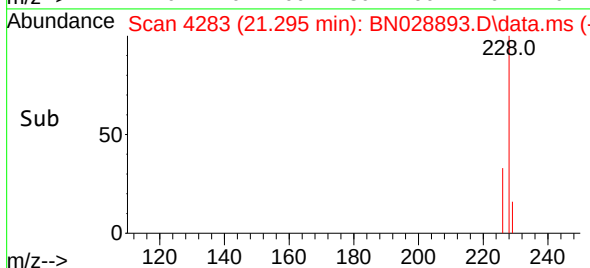
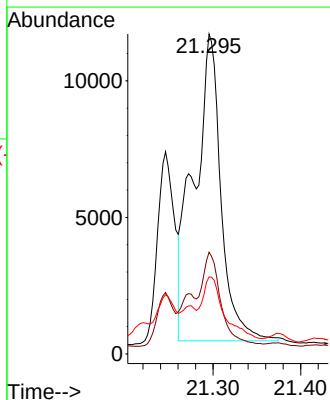
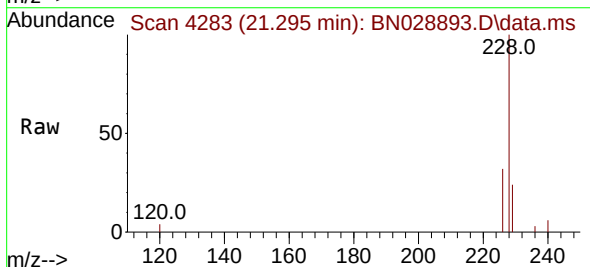
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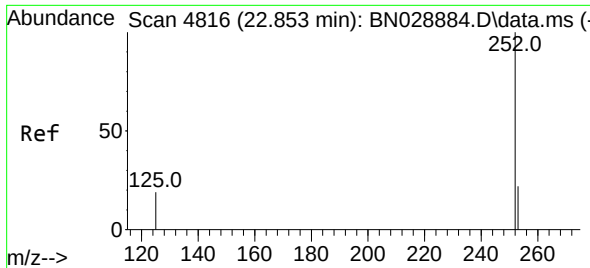
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#22
Chrysene
Concen: 0.504 ng/ul m
RT: 21.295 min Scan# 4283
Delta R.T. -0.010 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

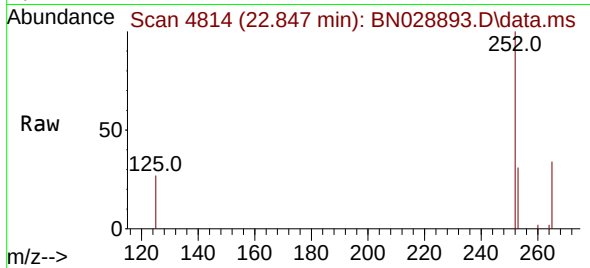
Tgt Ion:228 Resp: 24176
Ion Ratio Lower Upper
228 100
226 31.8 23.8 35.8
229 24.0 15.4 23.2#





#24
Benzo(b)fluoranthene
Concen: 0.338 ng/ul m
RT: 22.847 min Scan# 4814
Delta R.T. -0.007 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

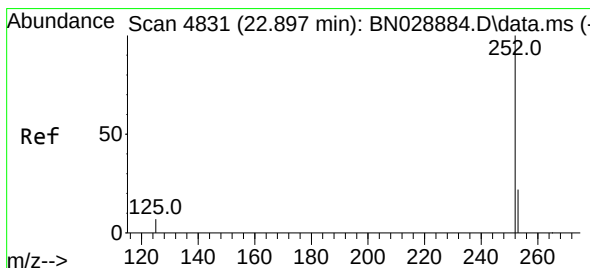
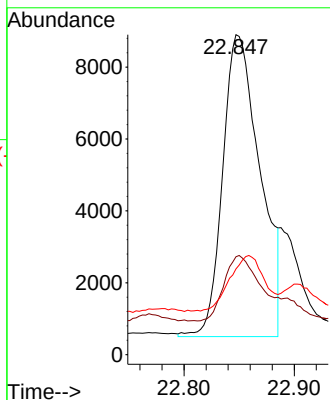
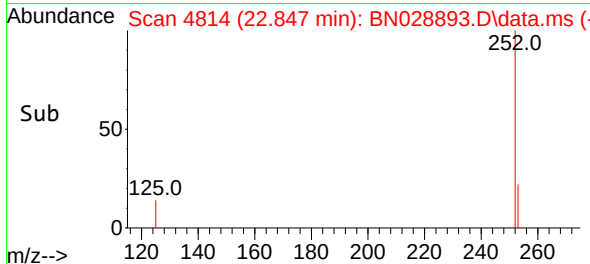
Instrument :
BNA_N
ClientSampleId :
C0AC1



Tgt Ion:252 Resp: 1981
Ion Ratio Lower Upper
252 100
253 30.6 0.0 46.6
125 26.8 0.0 27.6

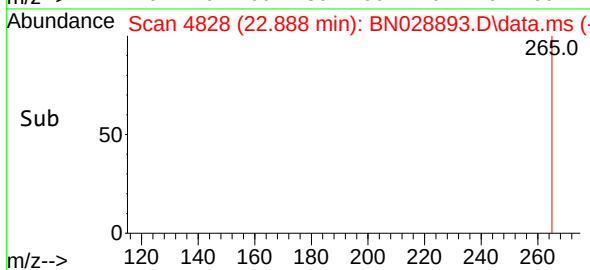
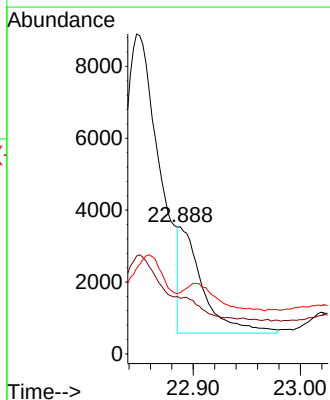
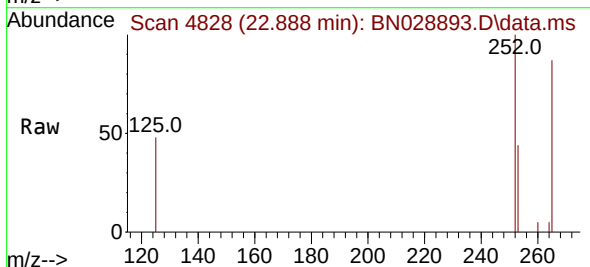
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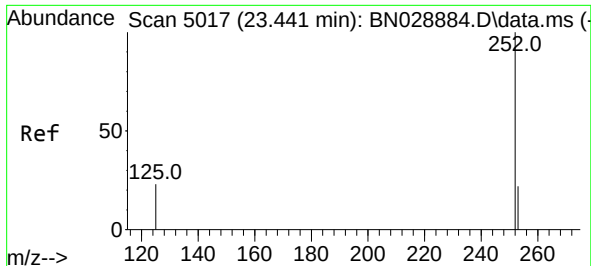
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Supervised By :mohammad ahmed 11/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.073 ng/ul m
RT: 22.888 min Scan# 4828
Delta R.T. -0.016 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

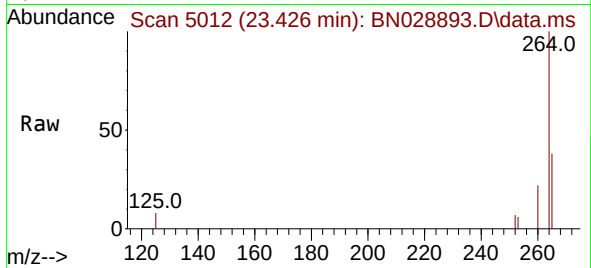
Tgt Ion:252 Resp: 4509
Ion Ratio Lower Upper
252 100
253 43.8 18.6 28.0#
125 48.3 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.026 ng/ul
RT: 23.426 min Scan# 5012
Delta R.T. -0.018 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

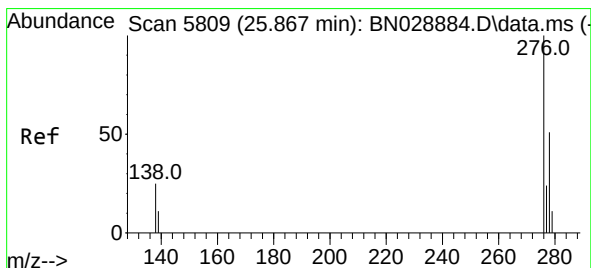
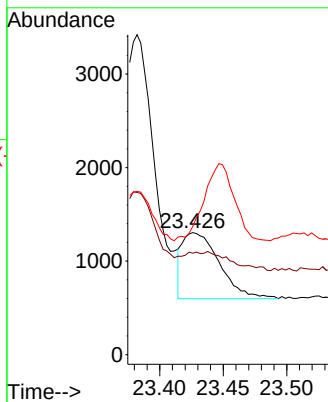
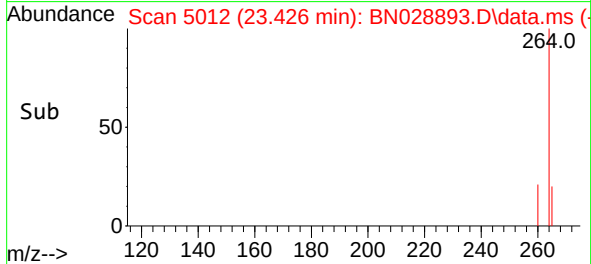
Instrument :
BNA_N
ClientSampleId :
C0AC1



Tgt Ion:252 Resp: 142
Ion Ratio Lower Upper
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253 83.1 19.0 28.6
125 105.0 13.2 19.8

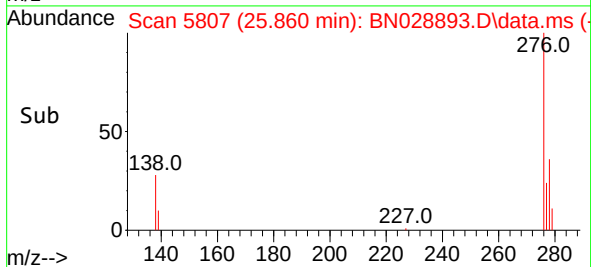
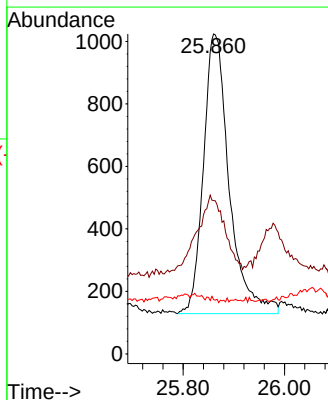
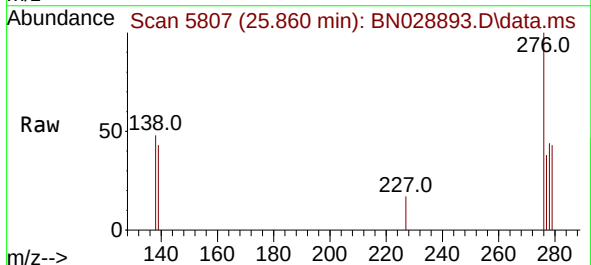
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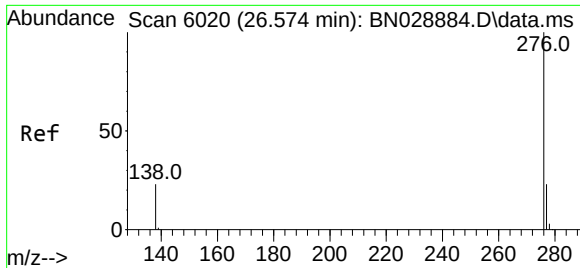
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.051 ng/ul
RT: 25.860 min Scan# 5807
Delta R.T. -0.014 min
Lab File: BN028893.D
Acq: 27 Nov 2023 23:46

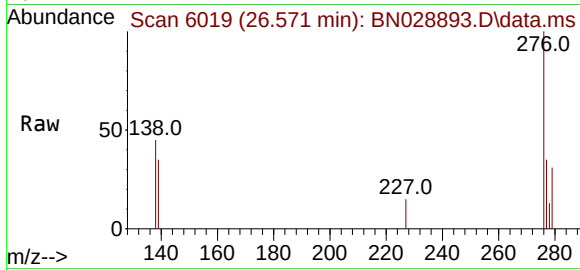
Tgt Ion:276 Resp: 3160
Ion Ratio Lower Upper
276 100
138 30.1 23.8 35.6
227 0.1 0.1 0.1





#29
 Benzo(g,h,i)perylene
 Concen: 0.071 ng/ul
 RT: 26.571 min Scan# 6019
 Delta R.T. -0.008 min
 Lab File: BN028893.D
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Instrument :
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Tgt Ion: 276 Resp: 3558

Ion	Ratio	Lower	Upper
276	100		
138	44.9	20.5	30.7
277	34.8	19.4	29.0

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 Supervised By :mohammad ahmed 11/28/2023

