

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028882.D
 Acq On : 27 Nov 2023 16:40
 Operator : MA/JU
 Sample : 05264-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKS9

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 04:20:40 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	7.753	152	29325	0.400	ng/ul	# 0.02
4) Naphthalene-d8	10.402	136	30048m	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.288	164	8287	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.043	188	19420	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.263	240	13798	0.400	ng/ul	# 0.00
23) Perylene-d12	23.543	264	16266	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.103	96	17631m	0.544	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.030	152	4834m	0.107	ng/ul	-0.04
18) Fluoranthene-d10	19.089	212	6989	0.157	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.490	128	18657m	0.222	ng/ul	Qvalue
15) Phenanthrene	17.085	178	13971	0.234	ng/ul#	39
19) Fluoranthene	19.117	202	36658	0.625	ng/ul#	84
20) Pyrene	19.480	202	46293	0.761	ng/ul#	81
21) Benzo(a)anthracene	21.249	228	12447	0.228	ng/ul#	32
22) Chrysene	21.275	228	55683	1.044	ng/ul#	79
24) Benzo(b)fluoranthene	22.856	252	31872m	0.522	ng/ul	
25) Benzo(k)fluoranthene	22.894	252	10549m	0.165	ng/ul	
26) Benzo(a)pyrene	23.438	252	18040	0.313	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.873	276	15306	0.239	ng/ul#	88
29) Benzo(g,h,i)perylene	26.588	276	20945	0.400	ng/ul#	23

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

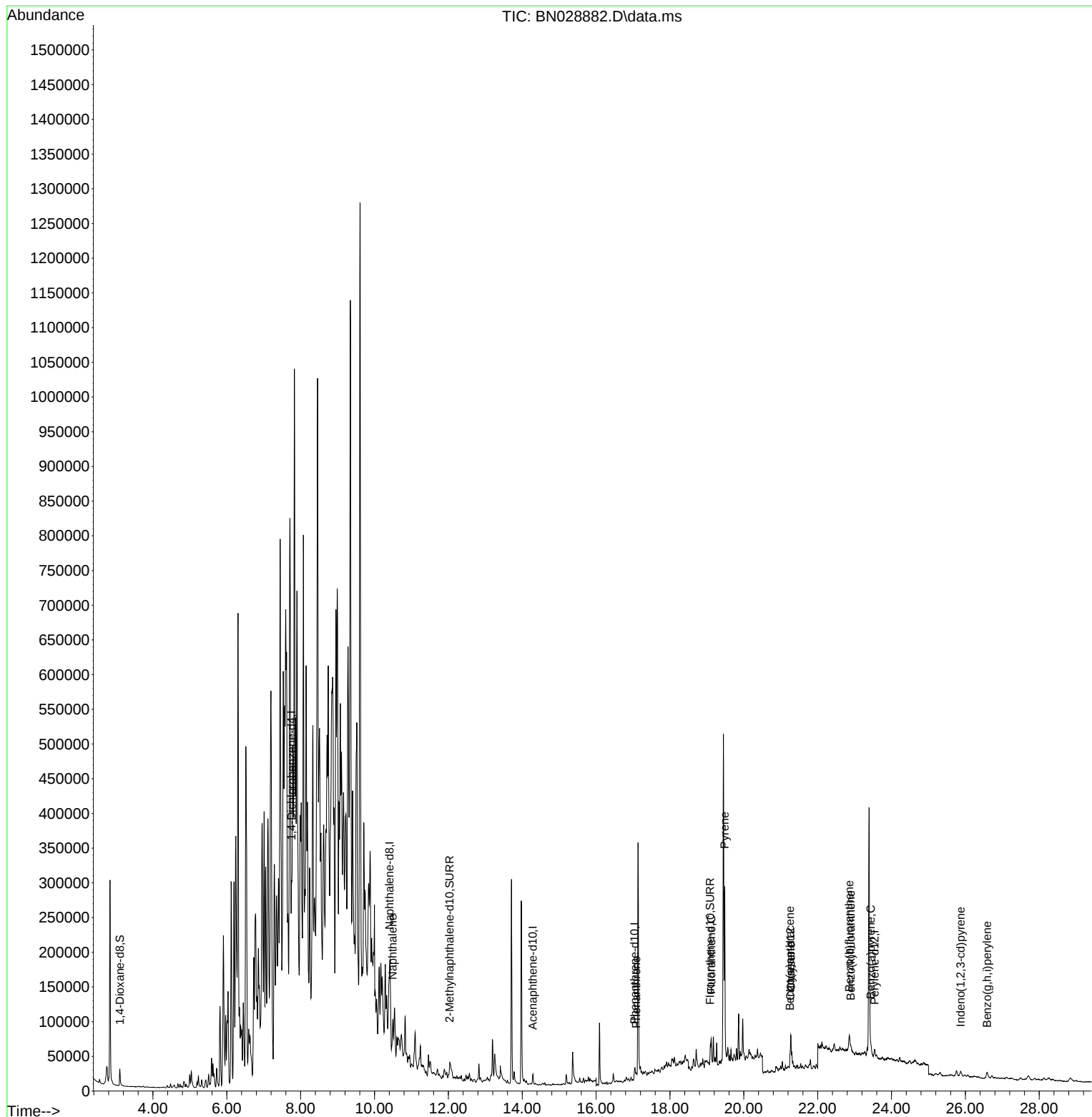
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028882.D
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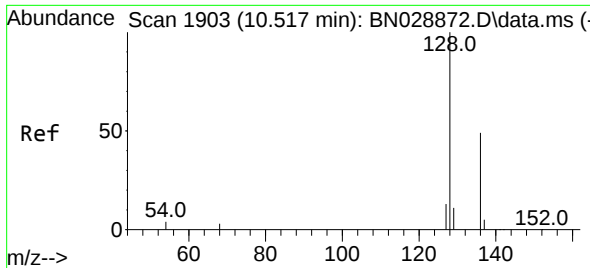
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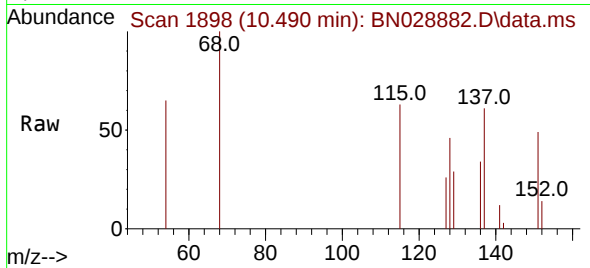
Quant Time: Nov 28 04:20:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
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#5
Naphthalene
Concen: 0.222 ng/ul m
RT: 10.490 min Scan# 1898
Delta R.T. -0.017 min
Lab File: BN028882.D
Acq: 27 Nov 2023 16:40

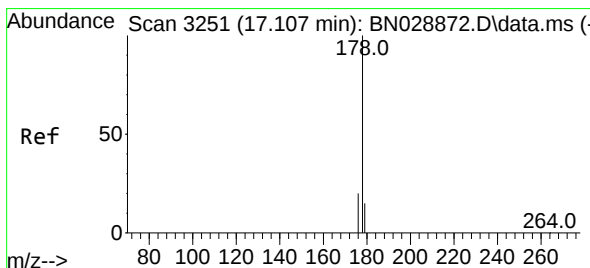
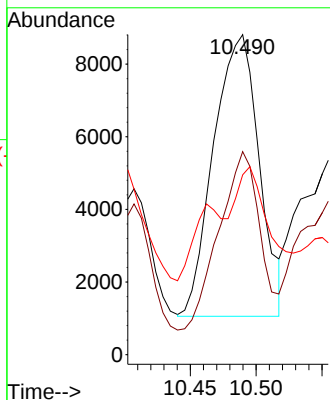
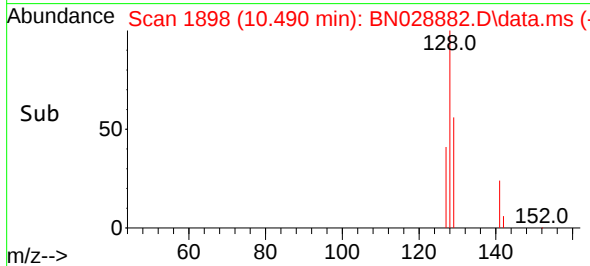
Instrument :
BNA_N
ClientSampleId :
DCKS9



Tgt Ion:128 Resp: 1865
Ion Ratio Lower Upper
128 100
129 63.4 9.2 13.8#
127 56.2 10.7 16.1#

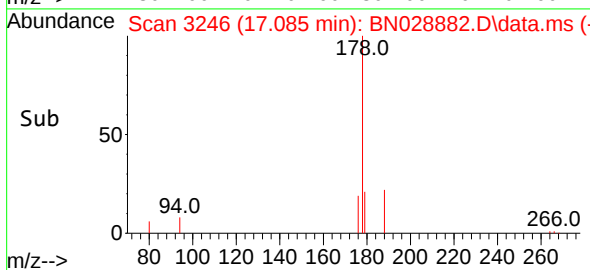
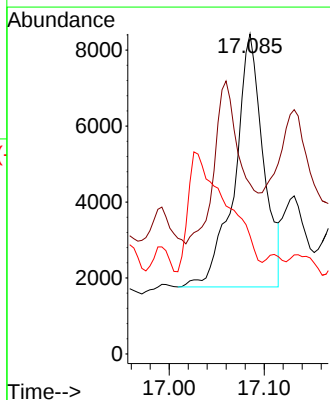
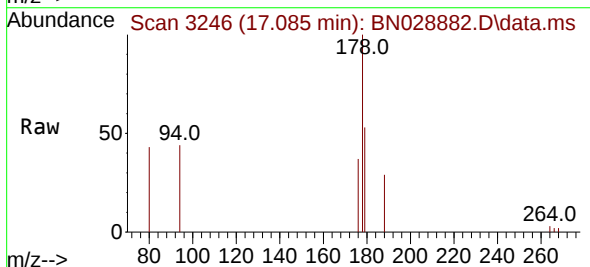
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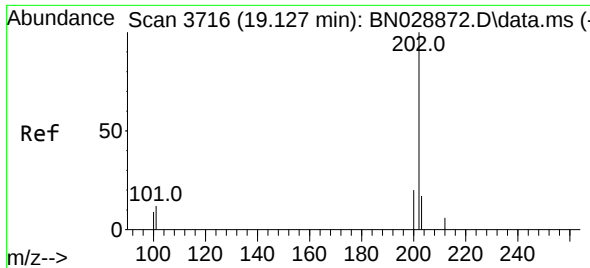
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#15
Phenanthrene
Concen: 0.234 ng/ul
RT: 17.085 min Scan# 3246
Delta R.T. -0.018 min
Lab File: BN028882.D
Acq: 27 Nov 2023 16:40

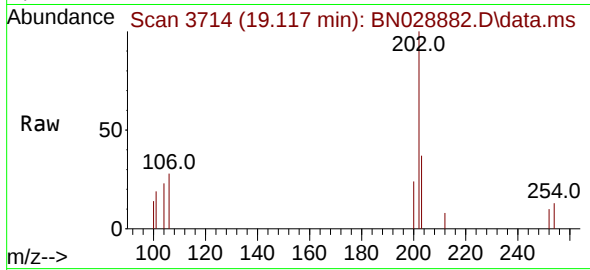
Tgt Ion:178 Resp: 13971
Ion Ratio Lower Upper
178 100
179 53.2 12.4 18.6#
176 36.9 15.4 23.2#





#19
Fluoranthene
Concen: 0.625 ng/ul
RT: 19.117 min Scan# 3714
Delta R.T. -0.006 min
Lab File: BN028882.D
Acq: 27 Nov 2023 16:40

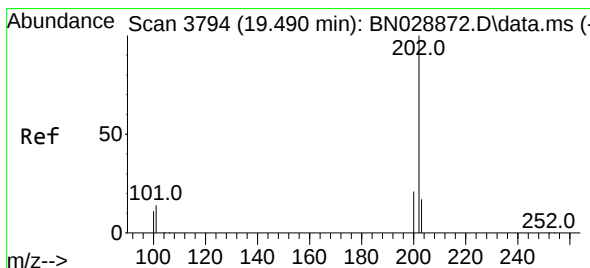
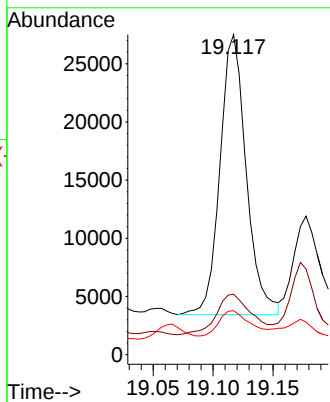
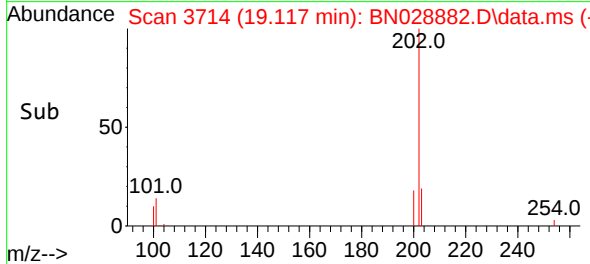
Instrument :
BNA_N
ClientSampleId :
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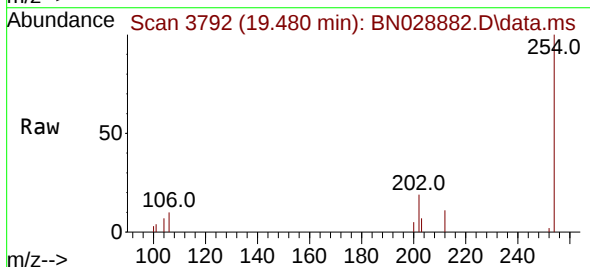
Tgt Ion:202 Resp: 36658
Ion Ratio Lower Upper
202 100
101 18.9 9.5 14.3#
100 13.7 7.2 10.8#

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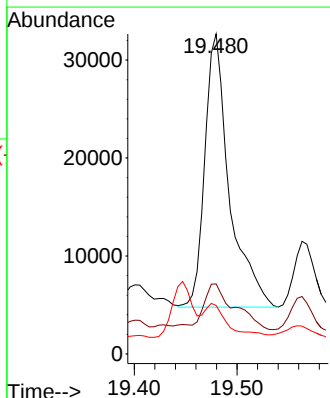
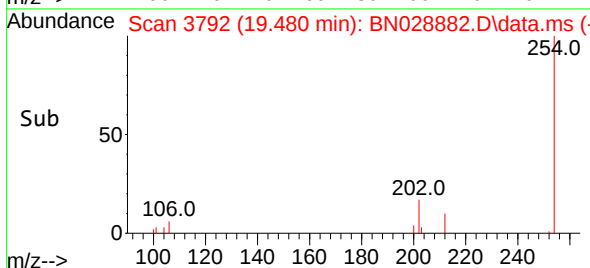
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Supervised By :mohammad ahmed 11/28/2023

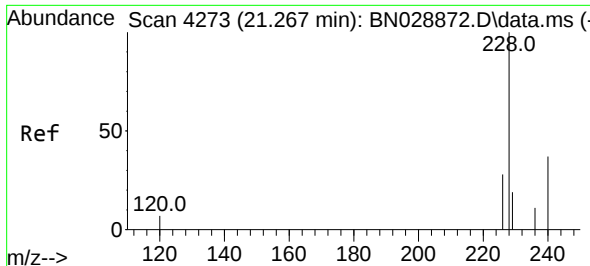


#20
Pyrene
Concen: 0.761 ng/ul
RT: 19.480 min Scan# 3792
Delta R.T. -0.006 min
Lab File: BN028882.D
Acq: 27 Nov 2023 16:40



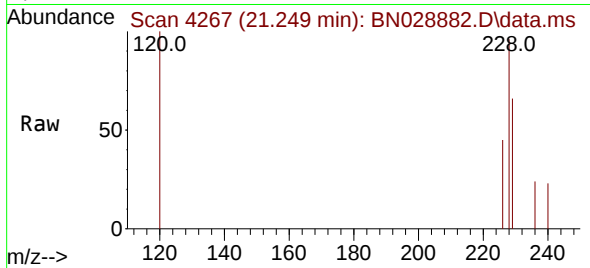
Tgt Ion:202 Resp: 46293
Ion Ratio Lower Upper
202 100
101 21.9 10.3 15.5#
100 15.2 8.2 12.2#





#21
Benzo(a)anthracene
Concen: 0.228 ng/ul
RT: 21.249 min Scan# 41
Delta R.T. -0.007 min
Lab File: BN028882.D
Acq: 27 Nov 2023 16:40

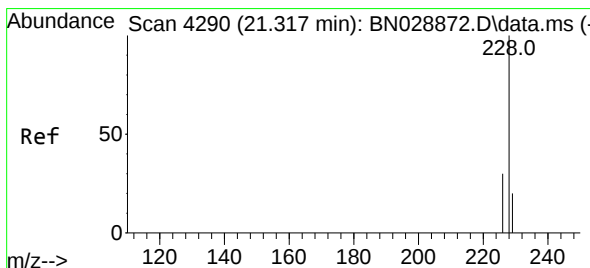
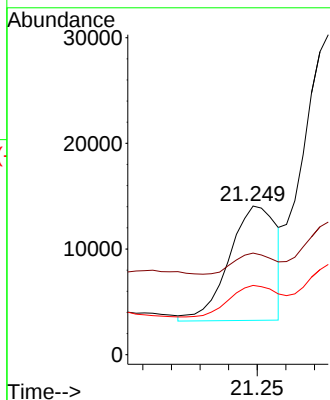
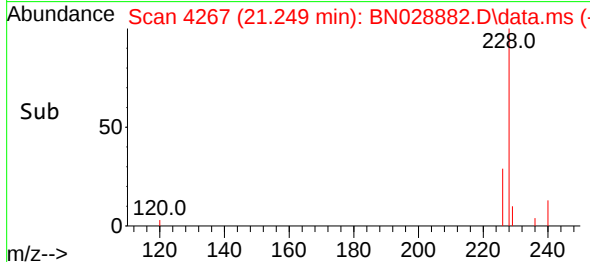
Instrument :
BNA_N
ClientSampleId :
DCKS9



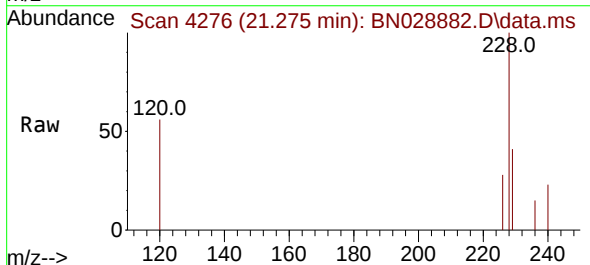
Tgt Ion:228 Resp: 1244
Ion Ratio Lower Upper
228 100
229 68.3 15.7 23.5
226 46.6 21.4 32.0

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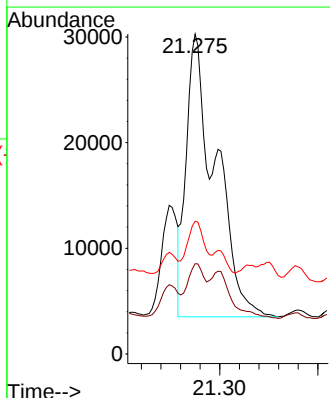
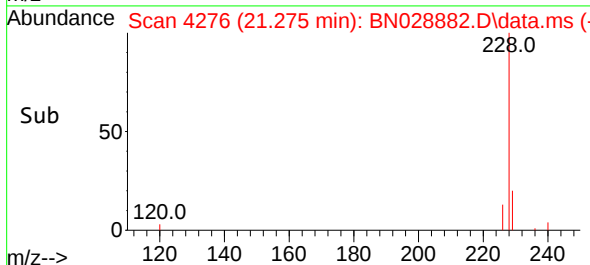
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

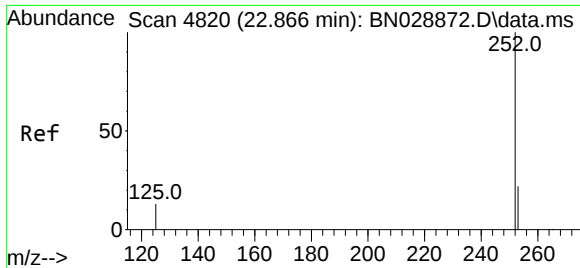


#22
Chrysene
Concen: 1.044 ng/ul
RT: 21.275 min Scan# 4276
Delta R.T. -0.030 min
Lab File: BN028882.D
Acq: 27 Nov 2023 16:40



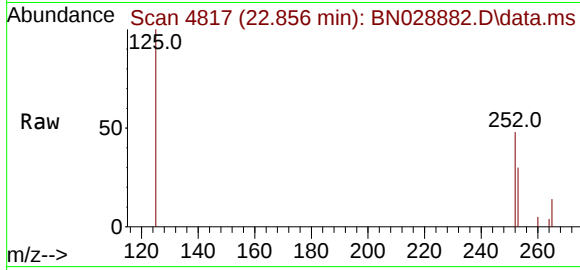
Tgt Ion:228 Resp: 55683
Ion Ratio Lower Upper
228 100
226 28.2 23.8 35.8
229 41.5 15.4 23.2





#24
 Benzo(b)fluoranthene
 Concen: 0.522 ng/ul m
 RT: 22.856 min Scan# 4817
 Delta R.T. 0.002 min
 Lab File: BN028882.D
 Acq: 27 Nov 2023 16:40

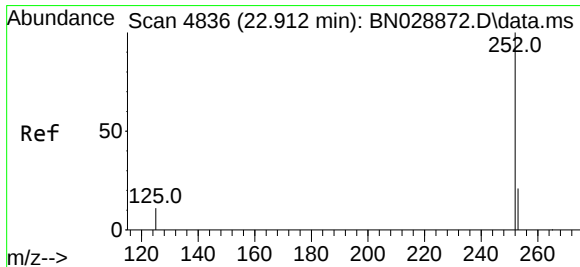
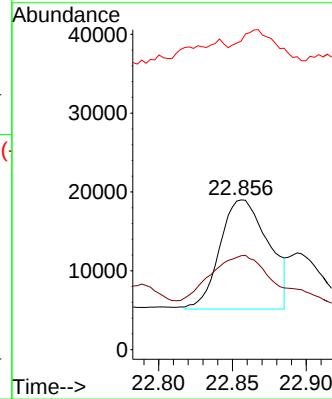
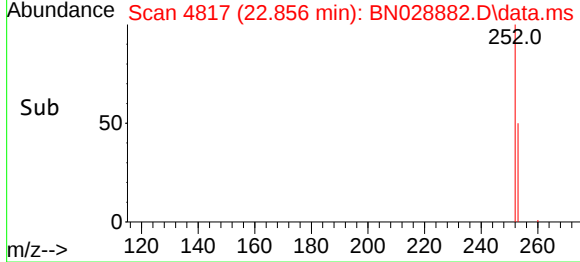
Instrument :
 BNA_N
 ClientSampleId :
 DCKS9



Tgt Ion:252 Resp: 31872
 Ion Ratio Lower Upper
 252 100
 253 62.7 0.0 46.6
 125 206.2 0.0 27.6

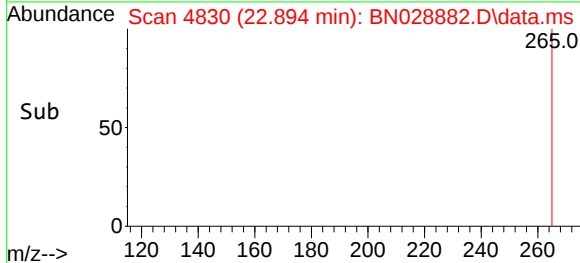
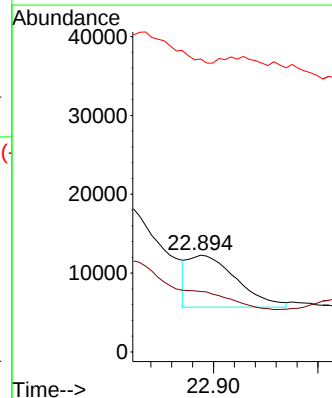
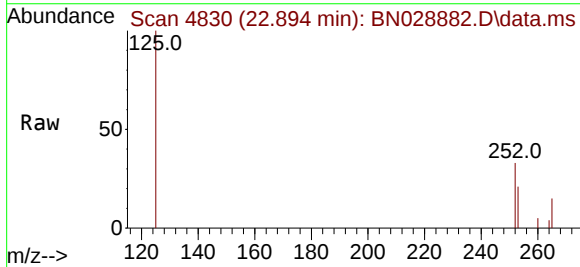
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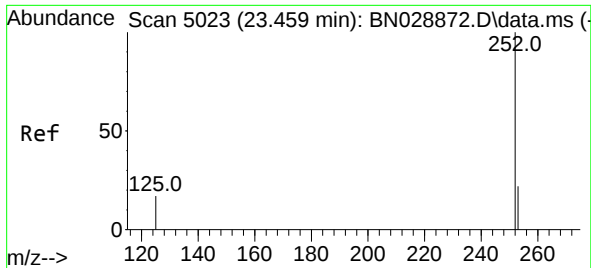
Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023



#25
 Benzo(k)fluoranthene
 Concen: 0.165 ng/ul m
 RT: 22.894 min Scan# 4830
 Delta R.T. -0.010 min
 Lab File: BN028882.D
 Acq: 27 Nov 2023 16:40

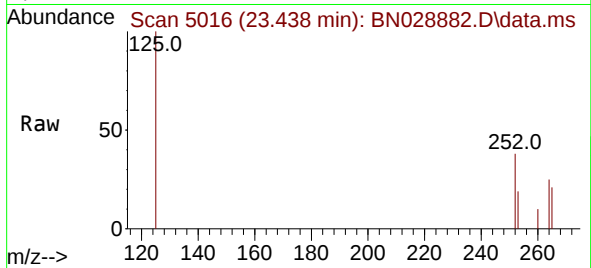
Tgt Ion:252 Resp: 10549
 Ion Ratio Lower Upper
 252 100
 253 62.5 18.6 28.0#
 125 302.5 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.313 ng/ul
RT: 23.438 min Scan# 5016
Delta R.T. -0.007 min
Lab File: BN028882.D
Acq: 27 Nov 2023 16:40

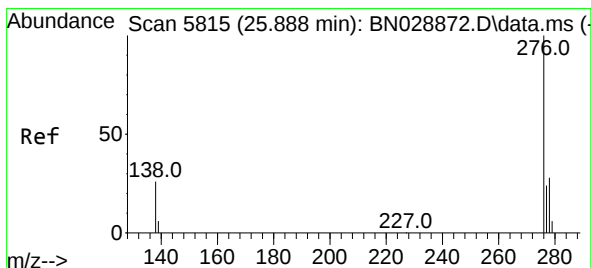
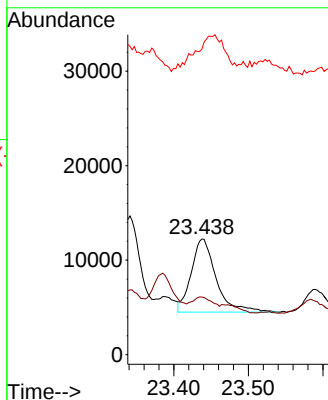
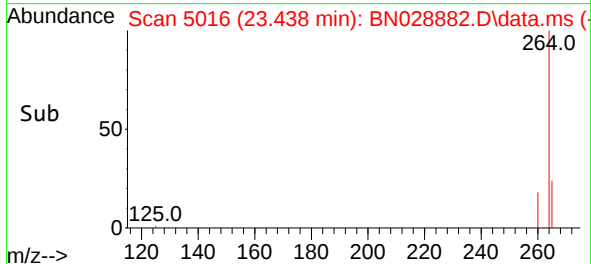
Instrument :
BNA_N
ClientSampleId :
DCKS9



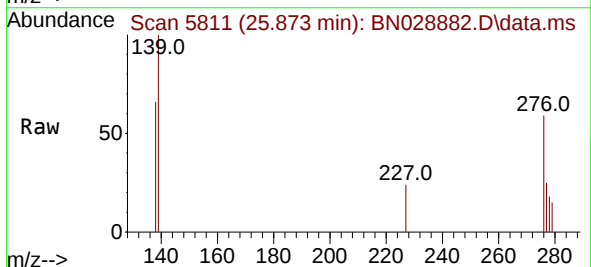
Tgt Ion:252 Resp: 18040
Ion Ratio Lower Upper
252 100
253 49.7 19.0 28.6
125 263.9 13.2 19.8

Manual Integrations
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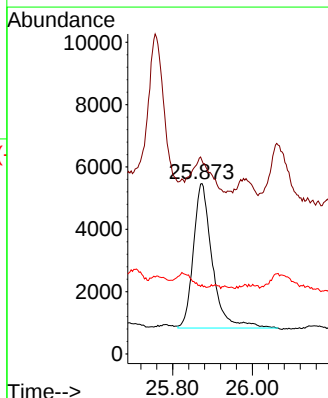
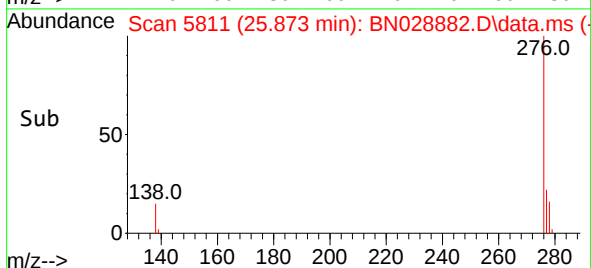
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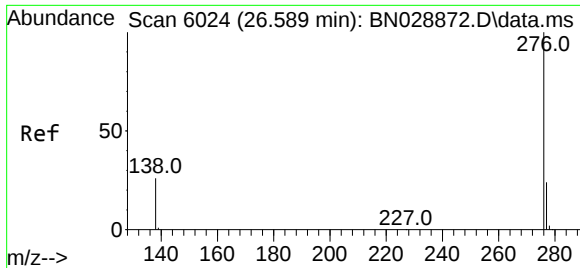


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.239 ng/ul
RT: 25.873 min Scan# 5811
Delta R.T. -0.001 min
Lab File: BN028882.D
Acq: 27 Nov 2023 16:40



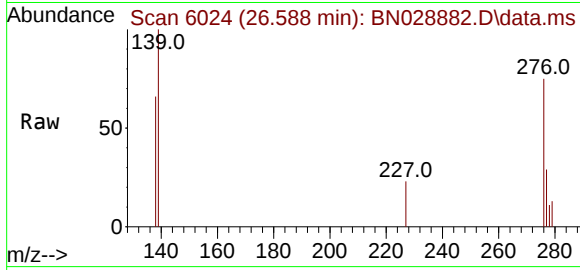
Tgt Ion:276 Resp: 15306
Ion Ratio Lower Upper
276 100
138 23.3 23.8 35.6#
227 0.0 0.1 0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.400 ng/ul
RT: 26.588 min Scan# 6024
Delta R.T. 0.009 min
Lab File: BN028882.D
Acq: 27 Nov 2023 16:40

Instrument :
BNA_N
ClientSampleId :
DCKS9



Tgt Ion:276 Resp: 20945
Ion Ratio Lower Upper
276 100
138 87.9 20.5 30.7
277 38.3 19.4 29.0

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