

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
 Data File : BN019832.D
 Acq On : 18 May 2022 15:43
 Operator : CG/JU
 Sample : N2766-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4G7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/19/2022
 Supervised By :mohammad ahmed 05/25/2022

Quant Time: May 19 03:19:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4939	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	16928	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	10975	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	23633	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.403	240	18142	0.400	ng/ul	# 0.00
23) Perylene-d12	23.744	264	15537	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	14213m	2.432	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	4618	0.180	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	11009	0.192	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.689	128	1824	0.033	ng/ul#	88
7) 2-Methylnaphthalene	12.300	142	2017	0.060	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	1577	0.051	ng/ul#	100
15) Phenanthrene	17.255	178	18475	0.213	ng/ul#	83
16) Anthracene	17.344	178	1528	0.022	ng/ul#	16
19) Fluoranthene	19.272	202	21134	0.255	ng/ul#	90
20) Pyrene	19.634	202	22394	0.270	ng/ul#	89
21) Benzo(a)anthracene	21.385	228	7649	0.113	ng/ul#	33
22) Chrysene	21.438	228	12685	0.159	ng/ul#	46
24) Benzo(b)fluoranthene	23.037	252	11205m	0.142	ng/ul	
25) Benzo(k)fluoranthene	23.077	252	3330m	0.044	ng/ul	
26) Benzo(a)pyrene	23.639	252	5918	0.088	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.151	276	4505	0.054	ng/ul#	47
29) Benzo(g,h,i)perylene	26.886	276	4766	0.062	ng/ul#	1

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

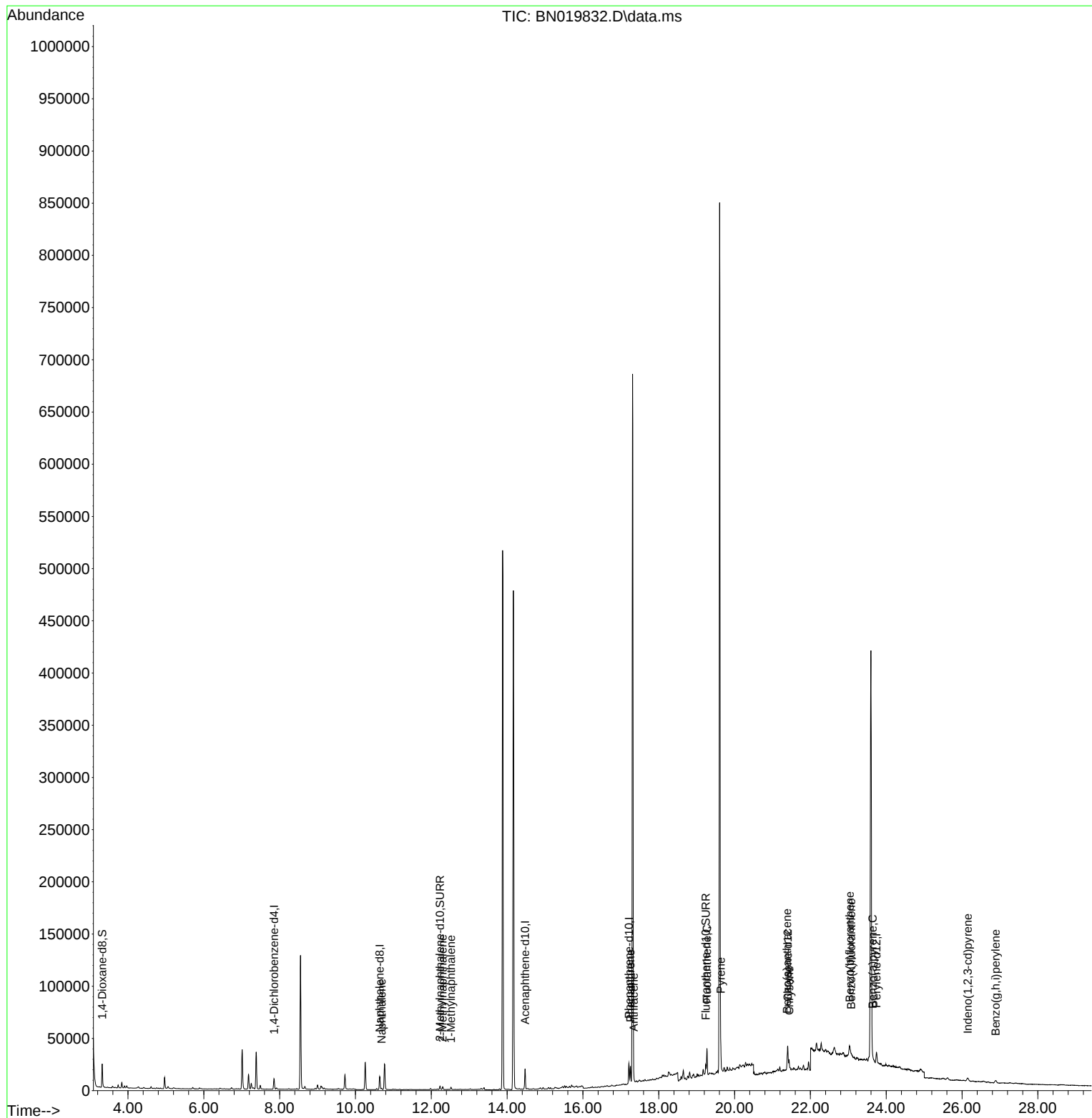
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
Data File : BN019832.D
Acq On : 18 May 2022 15:43
Operator : CG/JU
Sample : N2766-17
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ALS Vial : 10 Sample Multiplier: 1

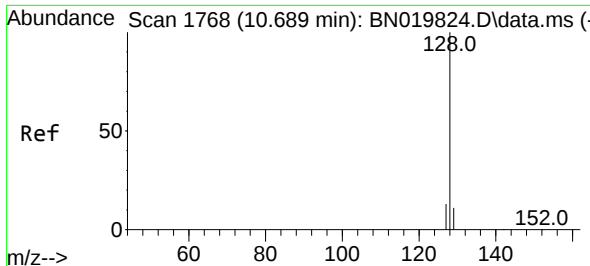
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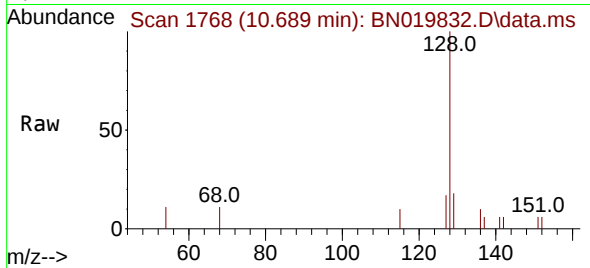
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN019832.D
Acq: 18 May 2022 15:43

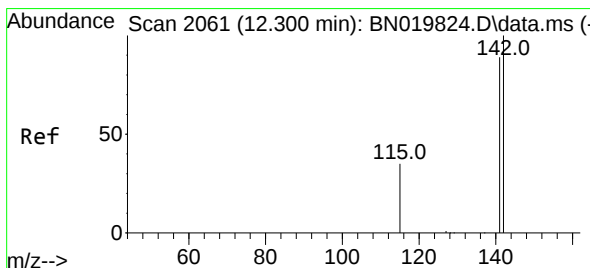
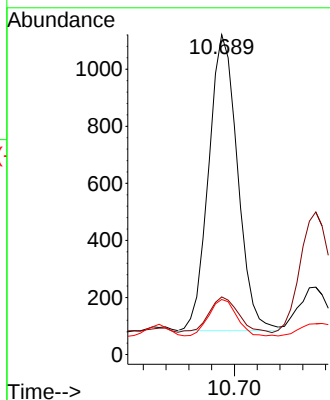
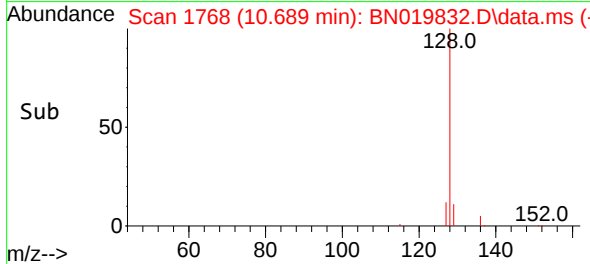
Instrument :
BNA_N
ClientSampleId :
EW4G7



Tgt Ion:128 Resp: 1824
Ion Ratio Lower Upper
128 100
129 18.0 9.5 14.3
127 17.2 11.0 16.4

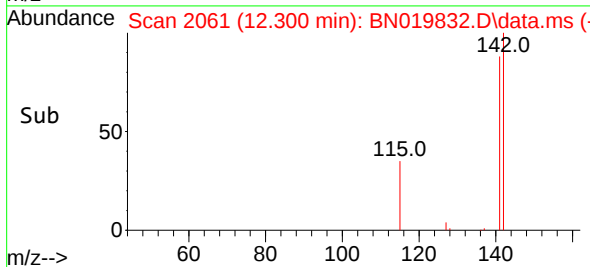
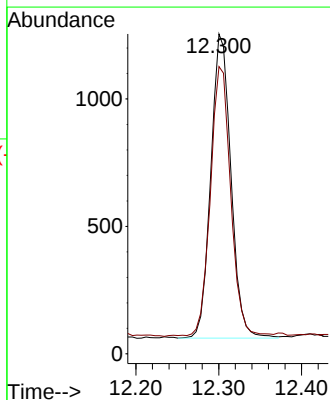
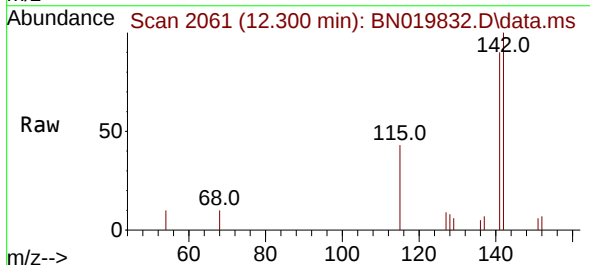
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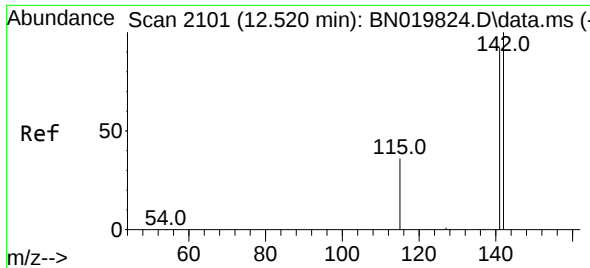
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN019832.D
Acq: 18 May 2022 15:43

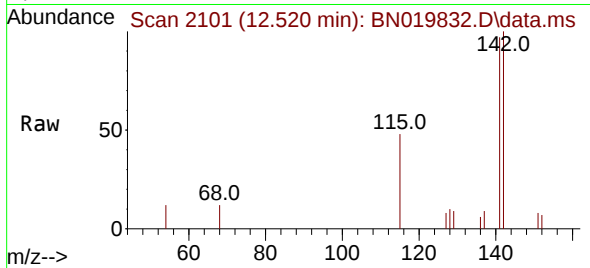
Tgt Ion:142 Resp: 2017
Ion Ratio Lower Upper
142 100
141 88.6 0.0 0.0





#8
1-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN019832.D
Acq: 18 May 2022 15:43

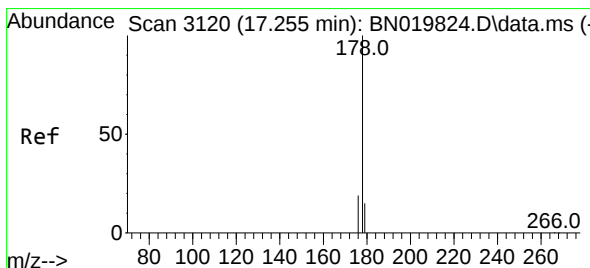
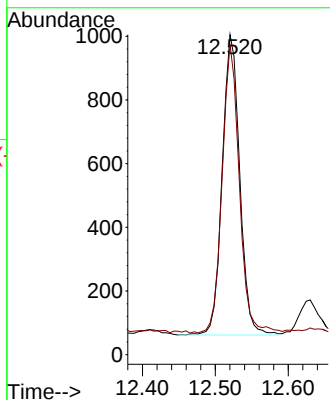
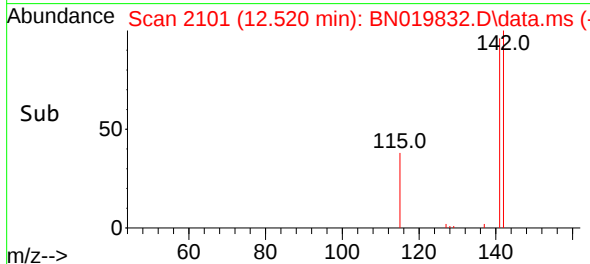
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 157
Ion Ratio Lower Upper
142 100
141 93.5 0.0 0.0

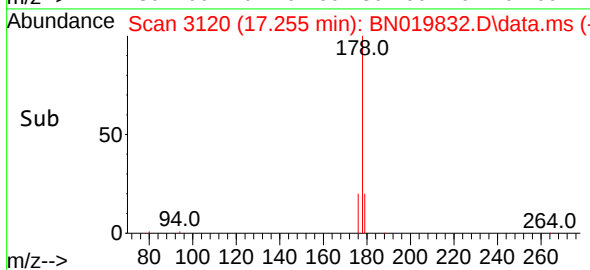
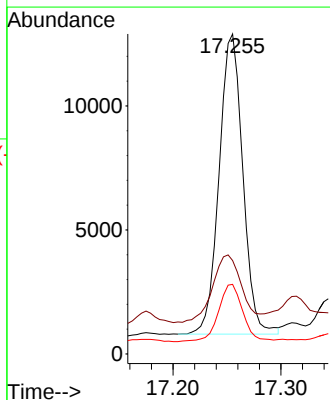
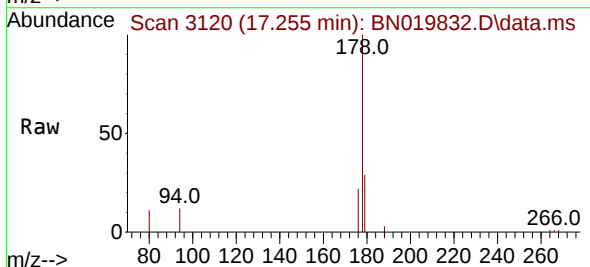
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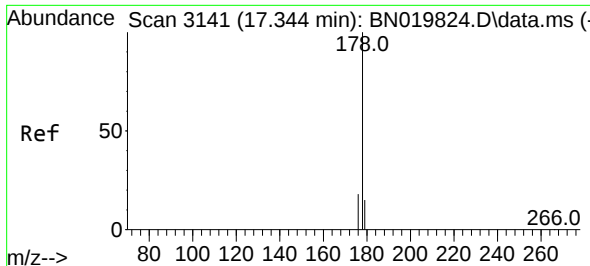
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#15
Phenanthrene
Concen: 0.213 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BN019832.D
Acq: 18 May 2022 15:43

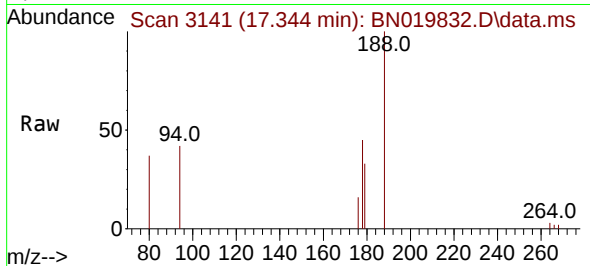
Tgt Ion:178 Resp: 18475
Ion Ratio Lower Upper
178 100
179 29.2 12.9 19.3#
176 21.8 15.5 23.3





#16
 Anthracene
 Concen: 0.022 ng/ul
 RT: 17.344 min Scan# 3141
 Delta R.T. -0.004 min
 Lab File: BN019832.D
 Acq: 18 May 2022 15:43

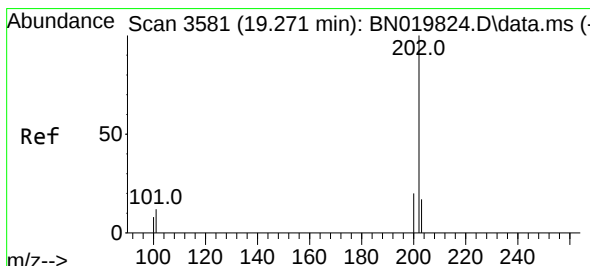
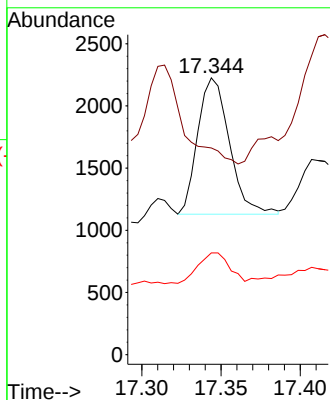
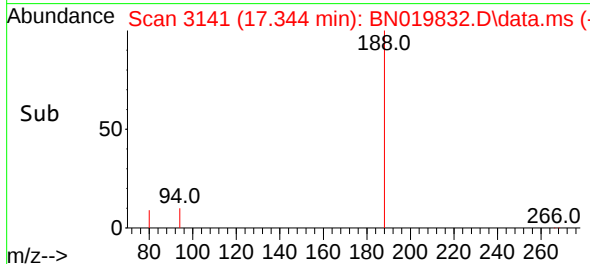
Instrument :
 BNA_N
 ClientSampleId :
 EW4G7



Tgt Ion:178 Resp: 1528
 Ion Ratio Lower Upper
 178 100
 179 74.7 13.1 19.7#
 176 36.8 15.3 22.9#

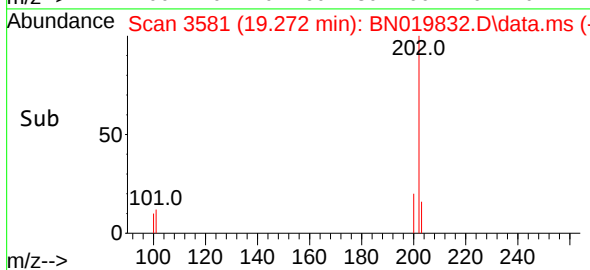
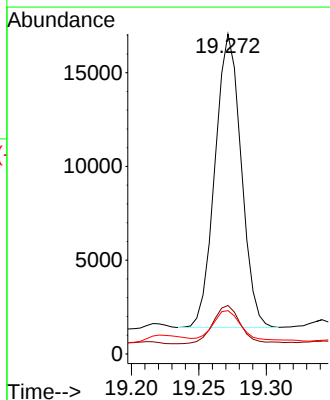
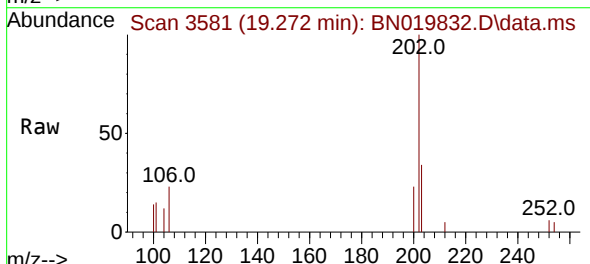
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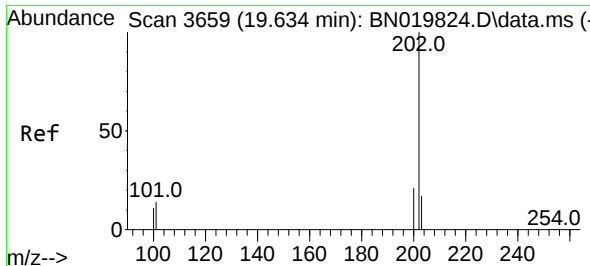
Reviewed By :Jagrut Upadhyay 05/19/2022
 Supervised By :mohammad ahmed 05/25/2022



#19
 Fluoranthene
 Concen: 0.255 ng/ul
 RT: 19.272 min Scan# 3581
 Delta R.T. 0.000 min
 Lab File: BN019832.D
 Acq: 18 May 2022 15:43

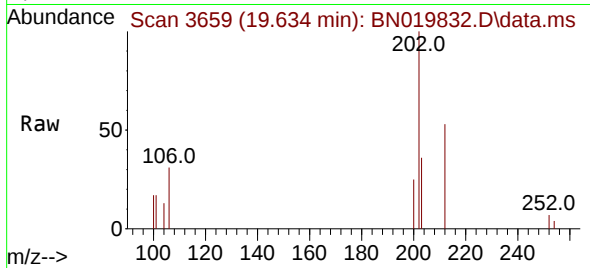
Tgt Ion:202 Resp: 21134
 Ion Ratio Lower Upper
 202 100
 101 15.2 9.7 14.5#
 100 13.5 7.4 11.2#





#20
Pyrene
Concen: 0.270 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BN019832.D
Acq: 18 May 2022 15:43

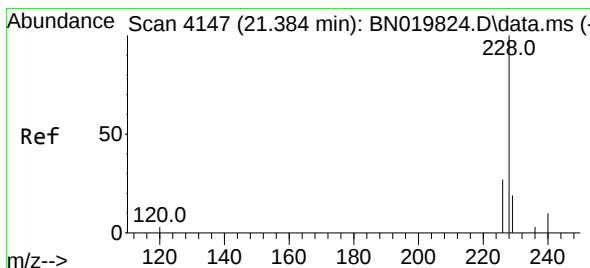
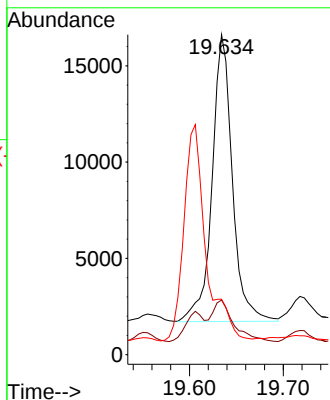
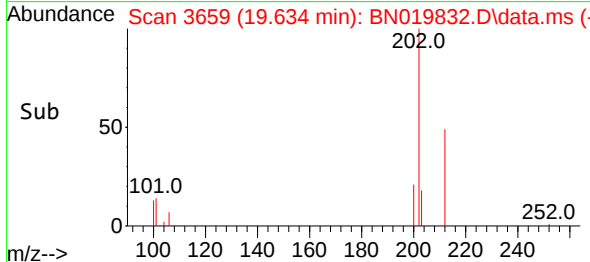
Instrument :
BNA_N
ClientSampleId :
EW4G7



Tgt Ion:202 Resp: 22394
Ion Ratio Lower Upper
202 100
101 17.0 11.4 17.0#
100 17.3 9.0 13.4#

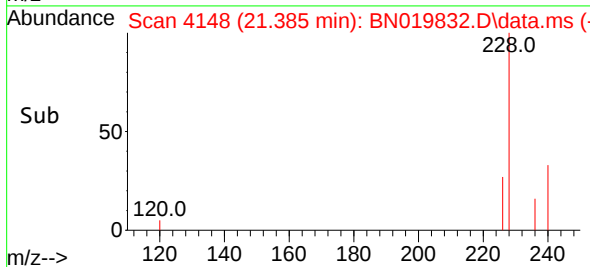
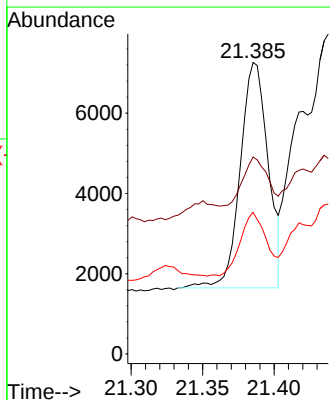
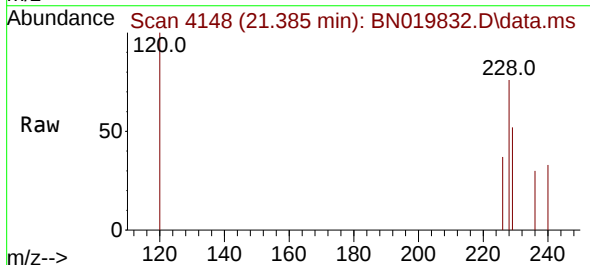
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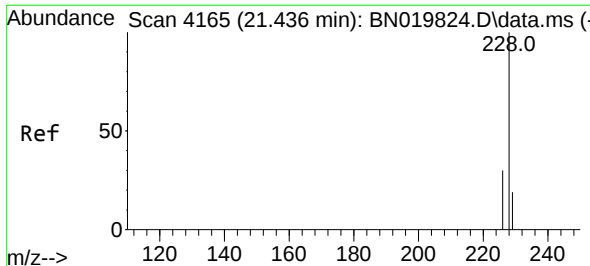
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#21
Benzo(a)anthracene
Concen: 0.113 ng/ul
RT: 21.385 min Scan# 4148
Delta R.T. -0.003 min
Lab File: BN019832.D
Acq: 18 May 2022 15:43

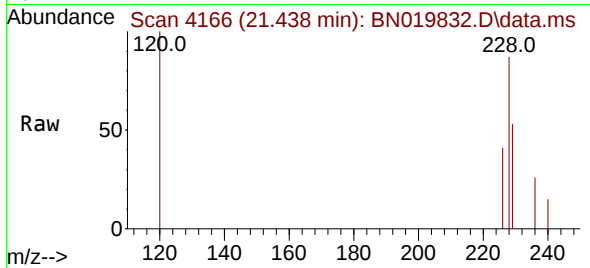
Tgt Ion:228 Resp: 7649
Ion Ratio Lower Upper
228 100
229 67.5 16.1 24.1#
226 48.6 22.1 33.1#





#22
Chrysene
Concen: 0.159 ng/ul
RT: 21.438 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BN019832.D
Acq: 18 May 2022 15:43

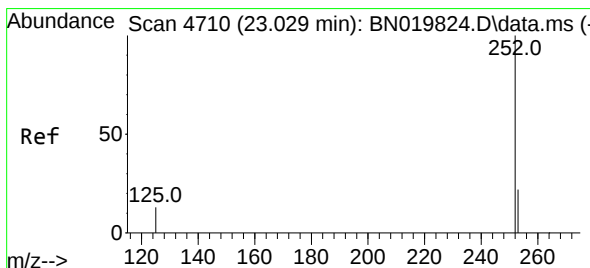
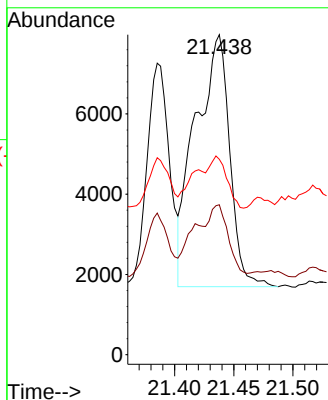
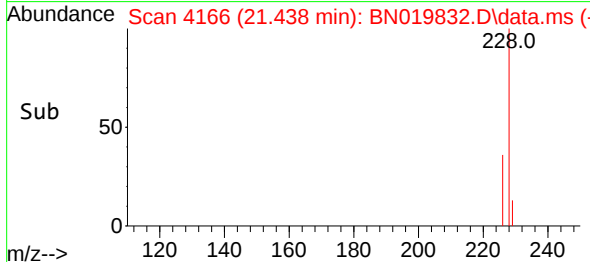
Instrument :
BNA_N
ClientSampleId :
EW4G7



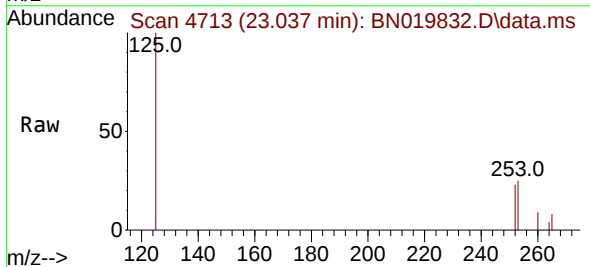
Tgt Ion:228 Resp: 12685
Ion Ratio Lower Upper
228 100
226 46.8 24.2 36.2#
229 61.1 16.0 24.0#

Manual Integrations
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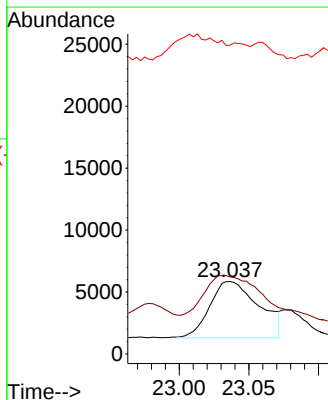
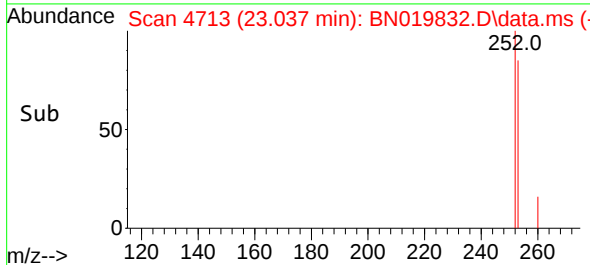
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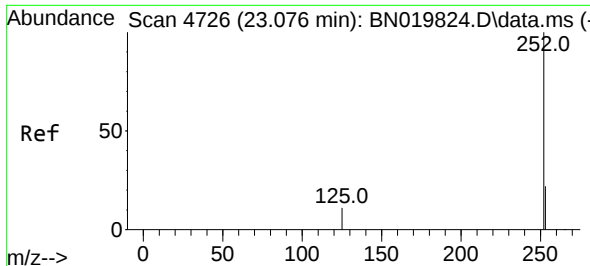


#24
Benzo(b)fluoranthene
Concen: 0.142 ng/ul m
RT: 23.037 min Scan# 4713
Delta R.T. 0.003 min
Lab File: BN019832.D
Acq: 18 May 2022 15:43



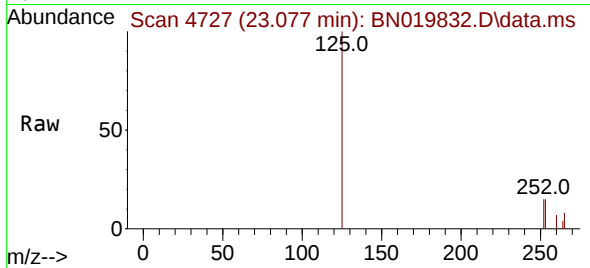
Tgt Ion:252 Resp: 11205
Ion Ratio Lower Upper
252 100
253 106.5 0.0 52.0#
125 426.1 0.0 40.2#





#25
Benzo(k)fluoranthene
Concen: 0.044 ng/ul m
RT: 23.077 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BN019832.D
Acq: 18 May 2022 15:43

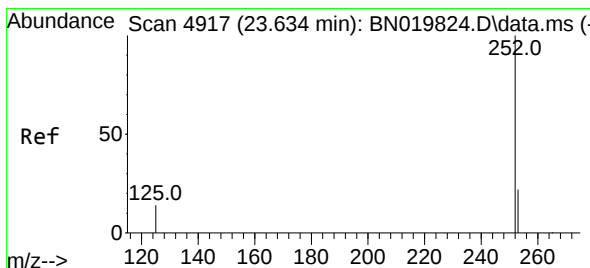
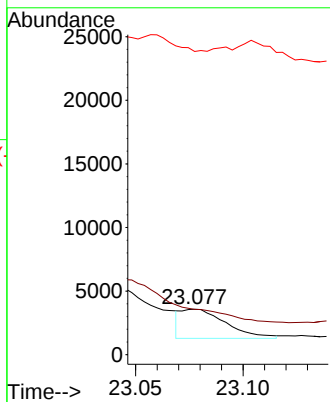
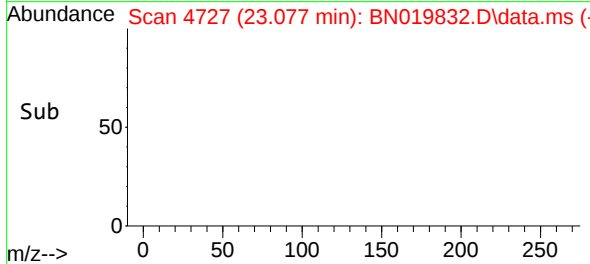
Instrument :
BNA_N
ClientSampleId :
EW4G7



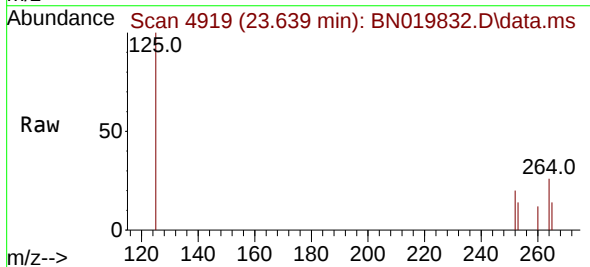
Tgt Ion:252 Resp: 3330
Ion Ratio Lower Upper
252 100
253 99.7 20.2 30.2
125 668.3 11.0 16.6

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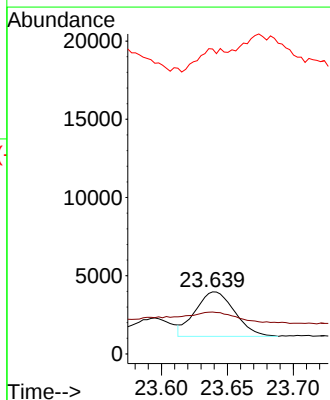
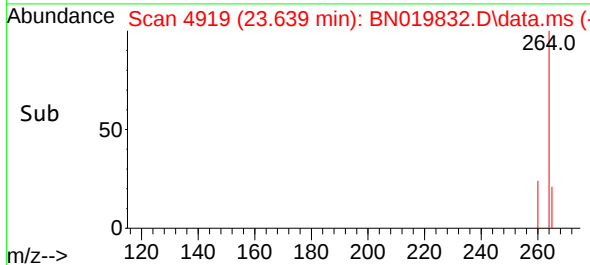
Reviewed By :Jagrut Upadhyay 05/19/2022
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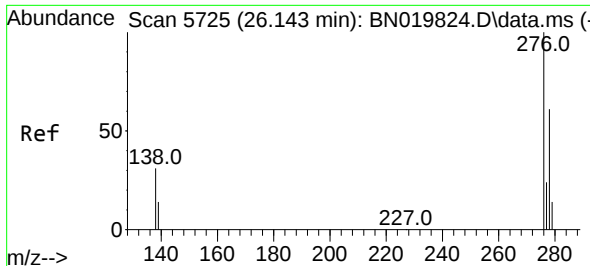


#26
Benzo(a)pyrene
Concen: 0.088 ng/ul
RT: 23.639 min Scan# 4919
Delta R.T. 0.000 min
Lab File: BN019832.D
Acq: 18 May 2022 15:43



Tgt Ion:252 Resp: 5918
Ion Ratio Lower Upper
252 100
253 67.6 23.4 35.0#
125 491.3 28.3 42.5#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.054 ng/ul

RT: 26.151 min Scan# 51

Delta R.T. 0.004 min

Lab File: BN019832.D

Acq: 18 May 2022 15:43

Instrument :

BN_A_N

ClientSampleId :

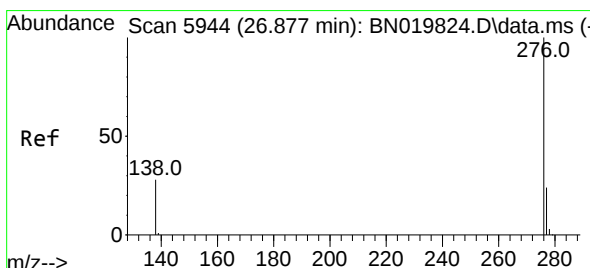
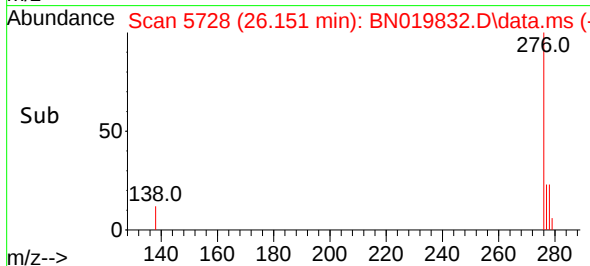
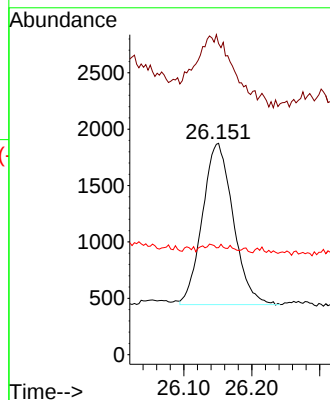
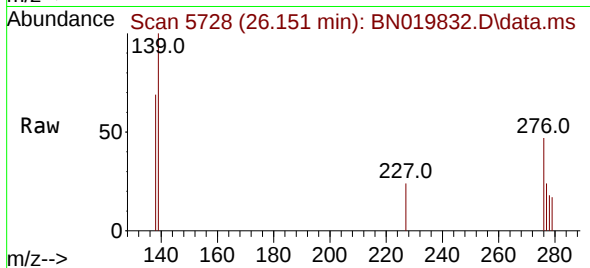
EW4G7

Tgt Ion:	276	Resp:	450
Ion Ratio	Lower	Upper	
276	100		
138	58.0	23.6	35.4
227	0.4	0.0	0.0

Manual Integrations

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#29

Benzo(g,h,i)perylene

Concen: 0.062 ng/ul

RT: 26.886 min Scan# 5947

Delta R.T. 0.007 min

Lab File: BN019832.D

Acq: 18 May 2022 15:43

Tgt Ion:	276	Resp:	4766
Ion Ratio	Lower	Upper	
276	100		
138	125.6	20.9	31.3
277	47.9	20.4	30.6

