

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019885.D
 Acq On : 21 May 2022 00:51
 Operator : CG/JU
 Sample : N2843-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4J0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022

Quant Time: May 26 05:04:18 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	4018	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	13750	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	8799	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	18916	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	17215	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	14203	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	14567	3.063	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	4748	0.228	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	12068	0.222	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.689	128	1450	0.033	ng/ul#	85
7) 2-Methylnaphthalene	12.300	142	1505	0.055	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	966	0.038	ng/ul#	100
15) Phenanthrene	17.251	178	6094	0.088	ng/ul	96
19) Fluoranthene	19.267	202	10746	0.136	ng/ul#	57
20) Pyrene	19.634	202	9608m	0.122	ng/ul	
21) Benzo(a)anthracene	21.382	228	4894	0.076	ng/ul#	90
22) Chrysene	21.435	228	6801	0.090	ng/ul#	91
24) Benzo(b)fluoranthene	23.031	252	7715m	0.107	ng/ul	
25) Benzo(k)fluoranthene	23.069	252	2563m	0.037	ng/ul	
26) Benzo(a)pyrene	23.636	252	4159	0.068	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.141	276	3001	0.039	ng/ul#	85
29) Benzo(g,h,i)perylene	26.876	276	2206	0.032	ng/ul#	68

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

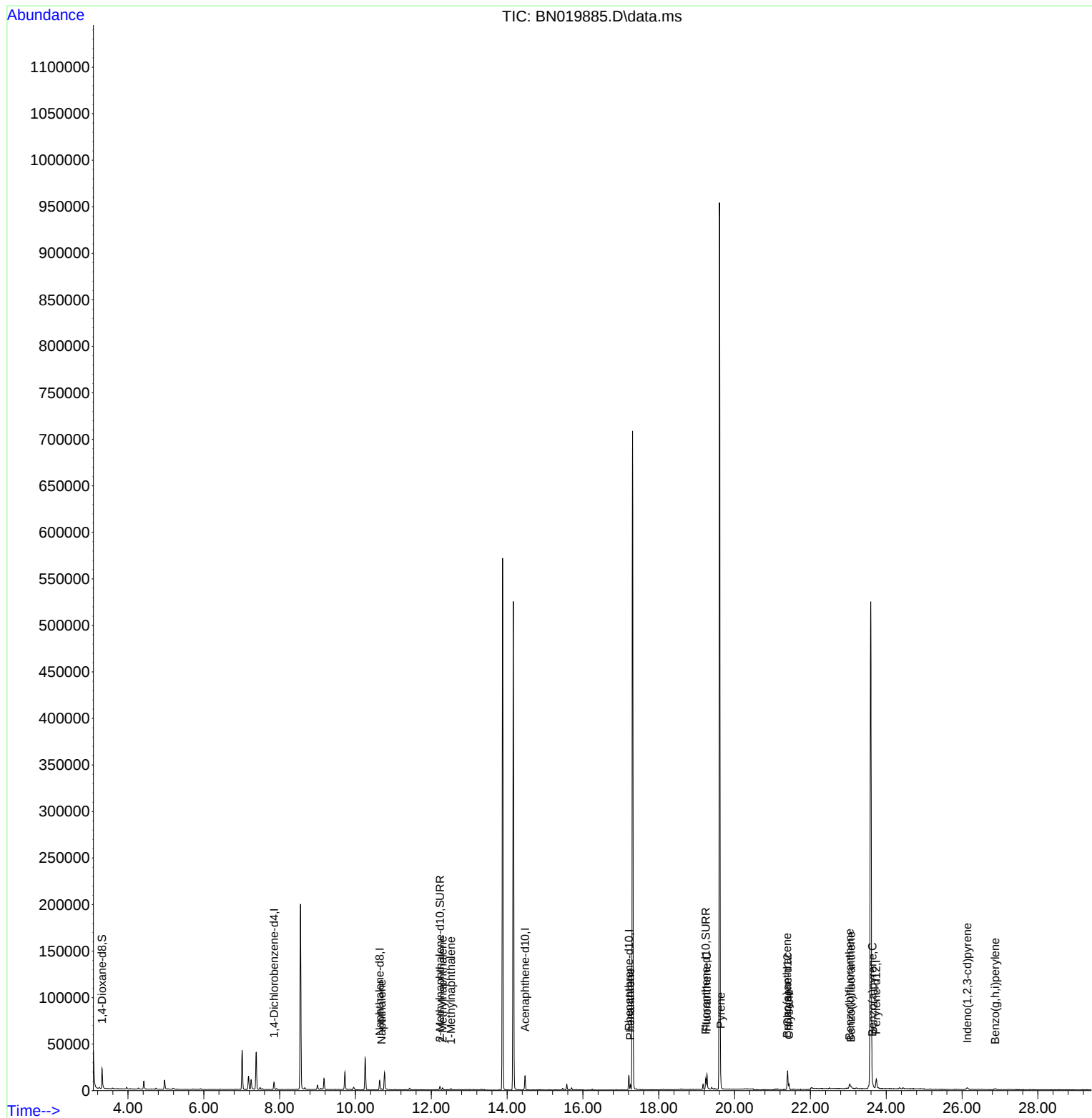
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
Data File : BN019885.D
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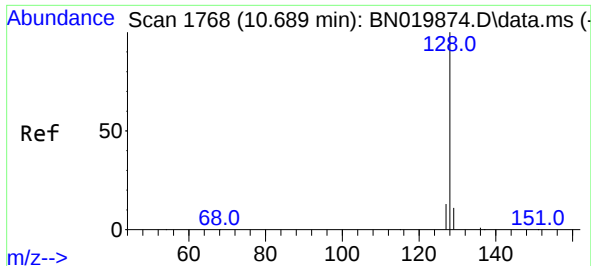
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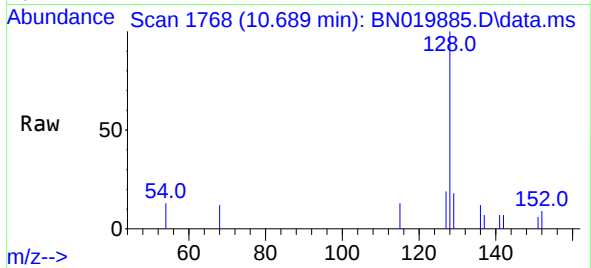
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
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#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN019885.D
Acq: 21 May 2022 00:51

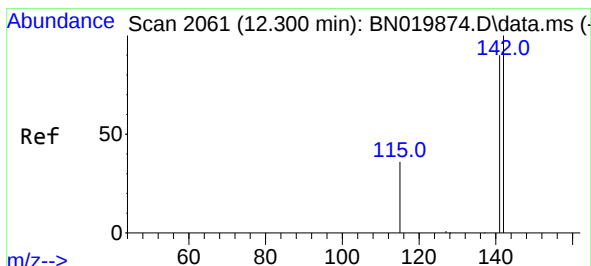
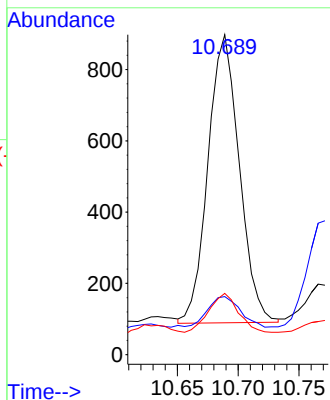
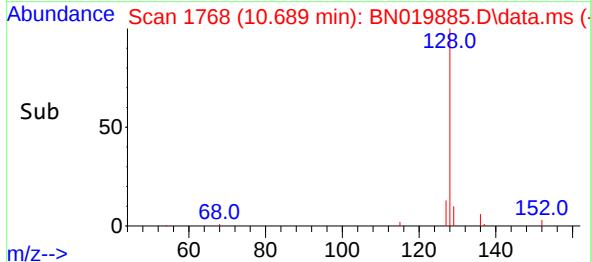
Instrument :
BNA_N
ClientSampleId :
EW4J0



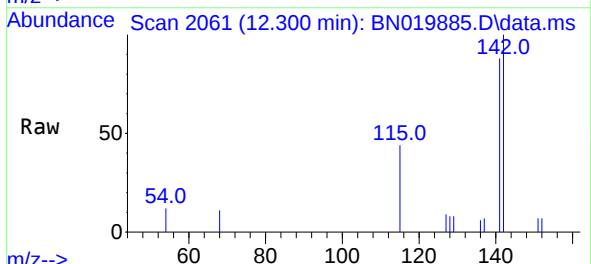
Tgt Ion:128 Resp: 1450
Ion Ratio Lower Upper
128 100
129 18.2 9.5 14.3
127 19.2 11.0 16.4

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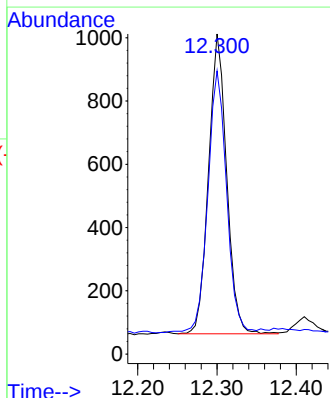
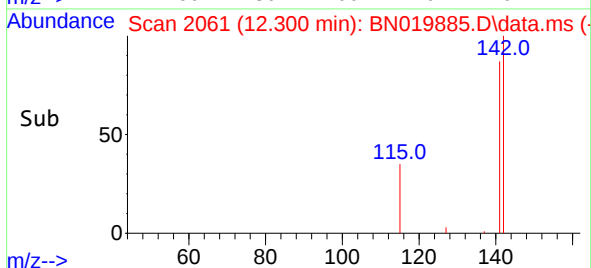
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

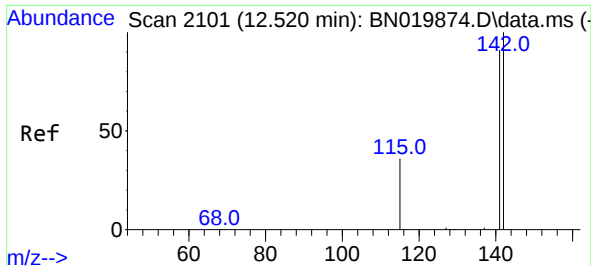


#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN019885.D
Acq: 21 May 2022 00:51



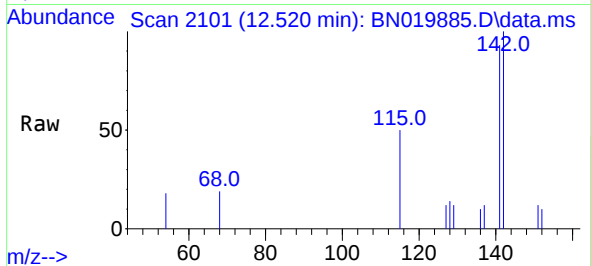
Tgt Ion:142 Resp: 1505
Ion Ratio Lower Upper
142 100
141 90.8 0.0 0.0





#8
1-Methylnaphthalene
Concen: 0.038 ng/u1
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN019885.D
Acq: 21 May 2022 00:51

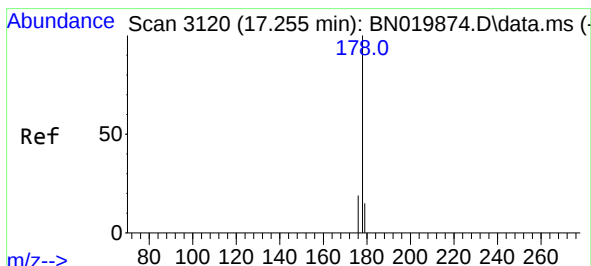
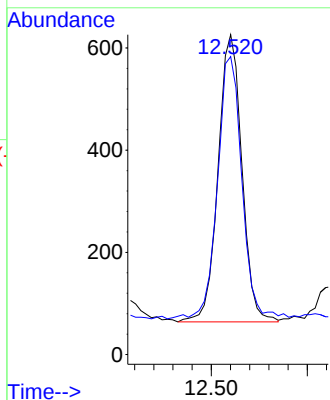
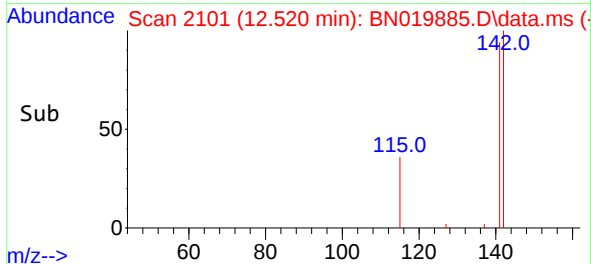
Instrument :
BNA_N
ClientSampleId :
EW4J0



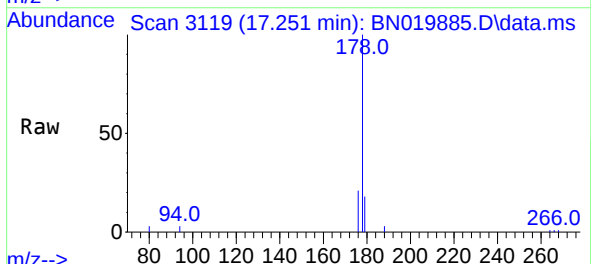
Tgt Ion:142 Resp: 960
Ion Ratio Lower Upper
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141 94.1 0.0 0.0

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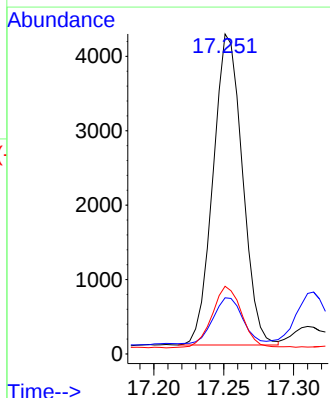
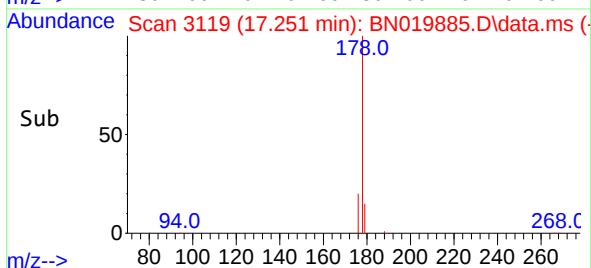
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

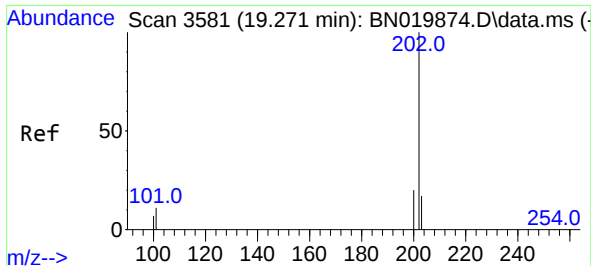


#15
Phenanthrene
Concen: 0.088 ng/u1
RT: 17.251 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN019885.D
Acq: 21 May 2022 00:51



Tgt Ion:178 Resp: 6094
Ion Ratio Lower Upper
178 100
179 17.5 12.9 19.3
176 21.1 15.5 23.3





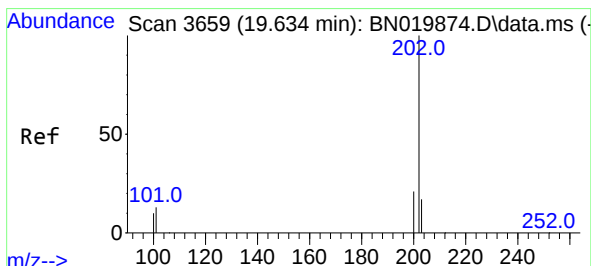
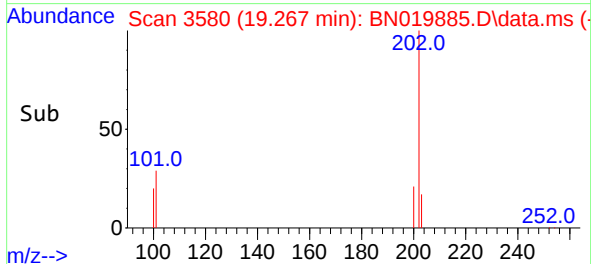
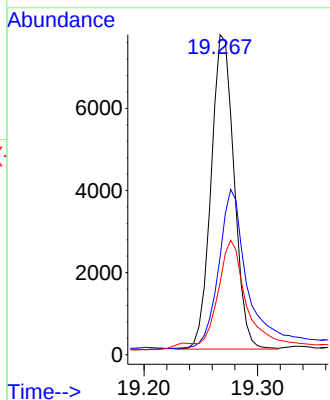
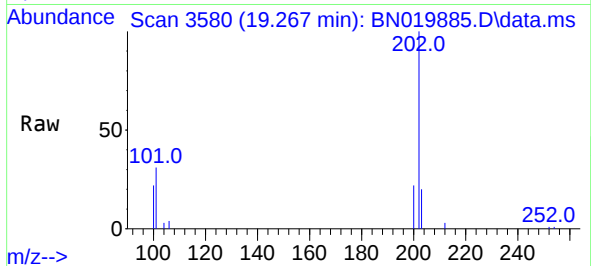
#19
Fluoranthene
Concen: 0.136 ng/u1
RT: 19.267 min Scan# 3580
Delta R.T. -0.005 min
Lab File: BN019885.D
Acq: 21 May 2022 00:51

Instrument :
BNA_N
ClientSampleId :
EW4J0

Tgt Ion:202 Resp: 10740
Ion Ratio Lower Upper
202 100
101 30.5 9.7 14.5
100 22.5 7.4 11.2

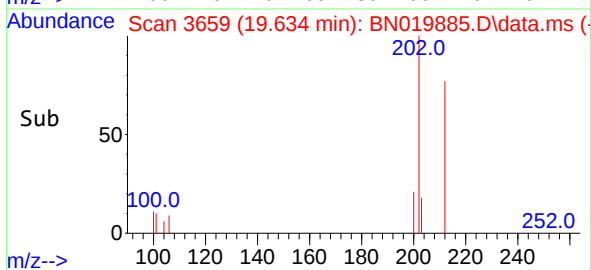
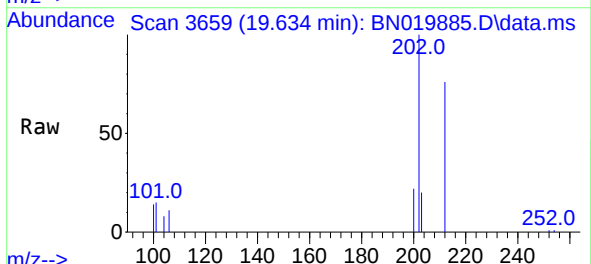
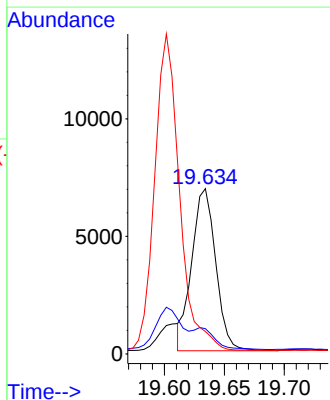
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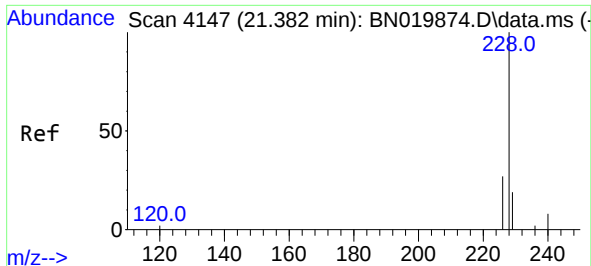
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#20
Pyrene
Concen: 0.122 ng/u1 m
RT: 19.634 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BN019885.D
Acq: 21 May 2022 00:51

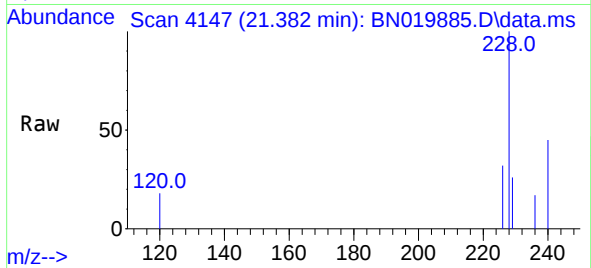
Tgt Ion:202 Resp: 9608
Ion Ratio Lower Upper
202 100
101 15.3 11.4 17.0
100 13.5 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.076 ng/u1
RT: 21.382 min Scan# 4147
Delta R.T. -0.006 min
Lab File: BN019885.D
Acq: 21 May 2022 00:51

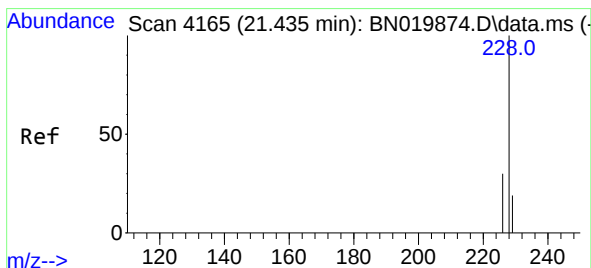
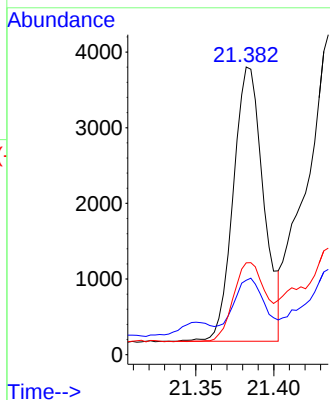
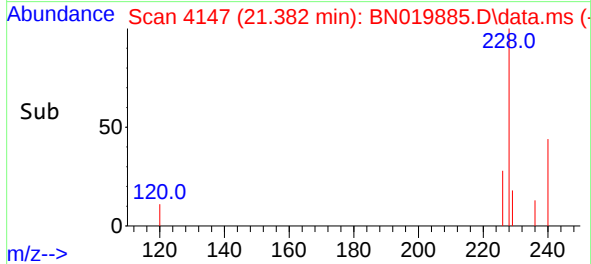
Instrument :
BNA_N
ClientSampleId :
EW4J0



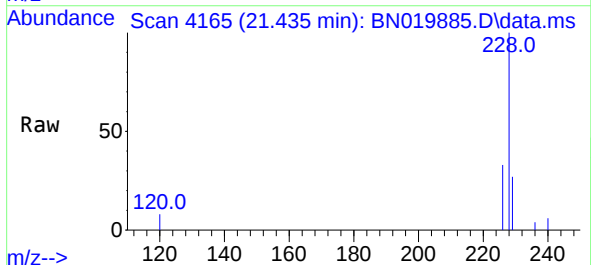
Tgt Ion:228 Resp: 4894
Ion Ratio Lower Upper
228 100
229 25.8 16.1 24.1
226 31.9 22.1 33.1

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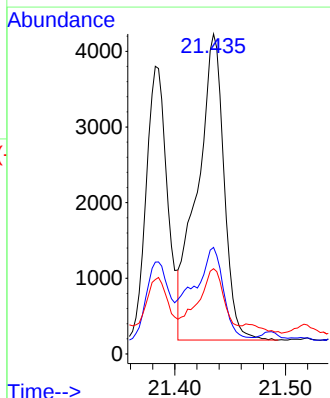
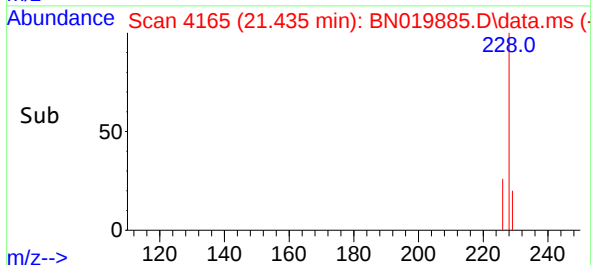
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

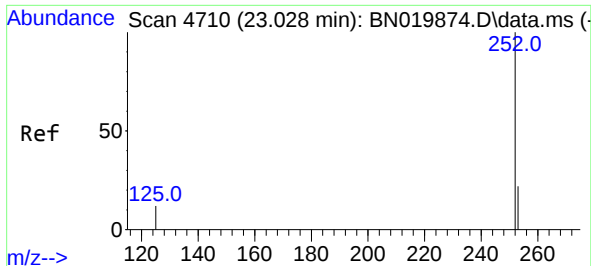


#22
Chrysene
Concen: 0.090 ng/u1
RT: 21.435 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BN019885.D
Acq: 21 May 2022 00:51



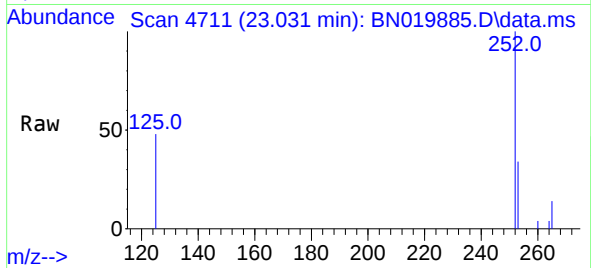
Tgt Ion:228 Resp: 6801
Ion Ratio Lower Upper
228 100
226 33.3 24.2 36.2
229 26.7 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.107 ng/ul m
RT: 23.031 min Scan# 4711
Delta R.T. -0.003 min
Lab File: BN019885.D
Acq: 21 May 2022 00:51

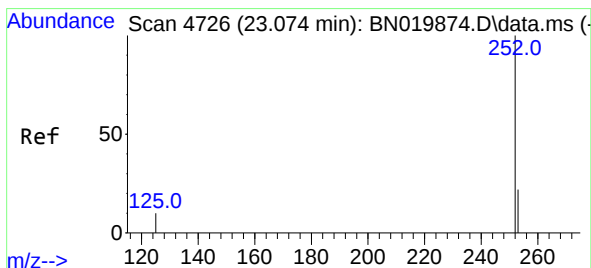
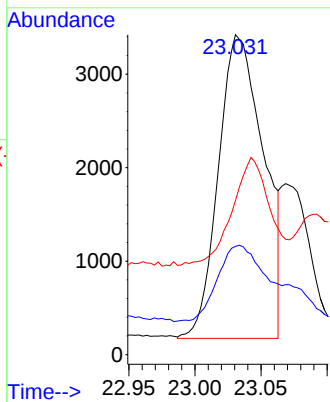
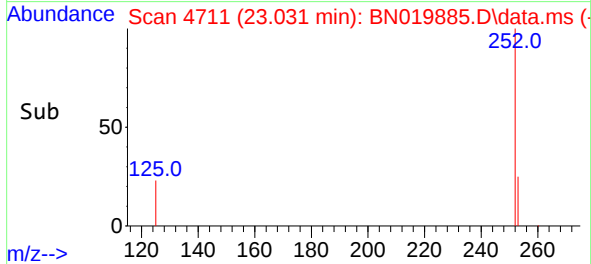
Instrument :
BNA_N
ClientSampleId :
EW4J0



Tgt Ion:252 Resp: 7715
Ion Ratio Lower Upper
252 100
253 33.8 0.0 52.0
125 48.2 0.0 40.2

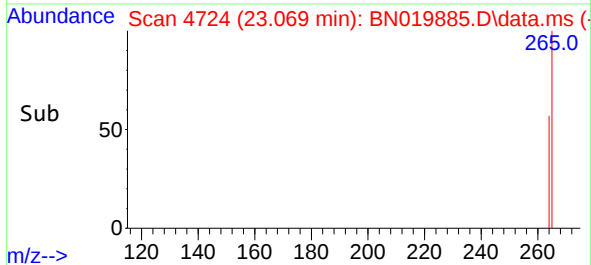
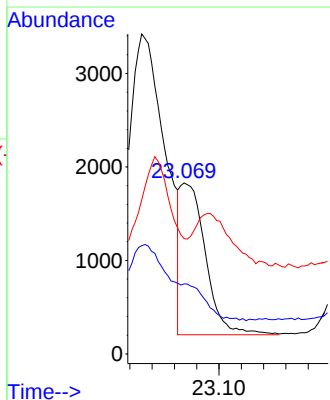
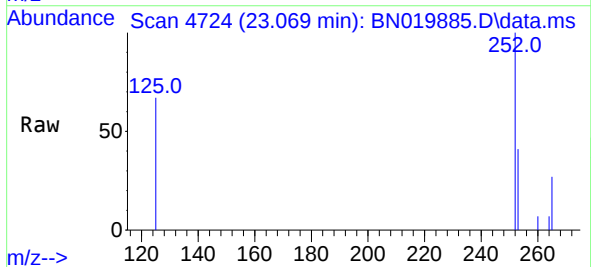
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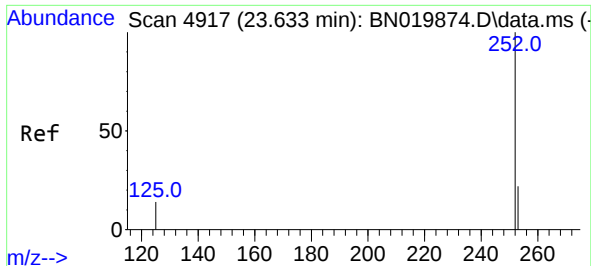
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#25
Benzo(k)fluoranthene
Concen: 0.037 ng/ul m
RT: 23.069 min Scan# 4724
Delta R.T. -0.012 min
Lab File: BN019885.D
Acq: 21 May 2022 00:51

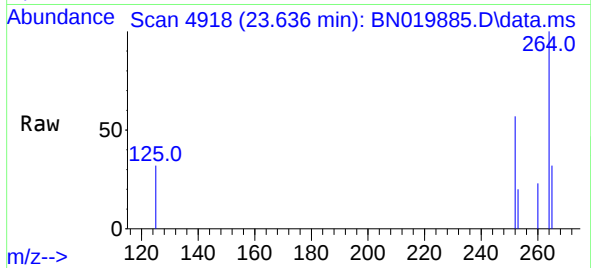
Tgt Ion:252 Resp: 2563
Ion Ratio Lower Upper
252 100
253 41.0 20.2 30.2#
125 67.4 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 0.068 ng/ul
RT: 23.636 min Scan# 4918
Delta R.T. -0.003 min
Lab File: BN019885.D
Acq: 21 May 2022 00:51

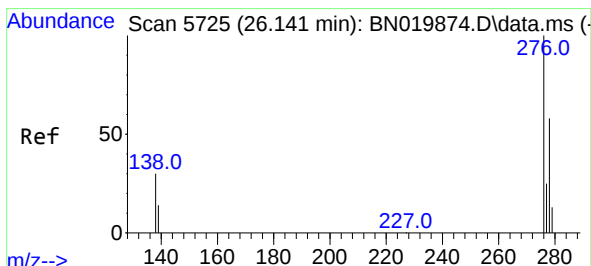
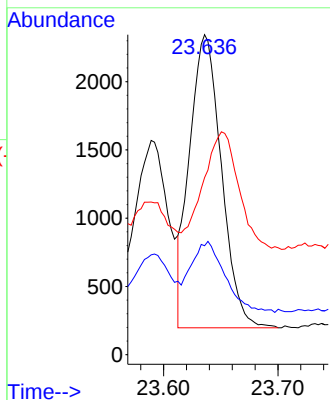
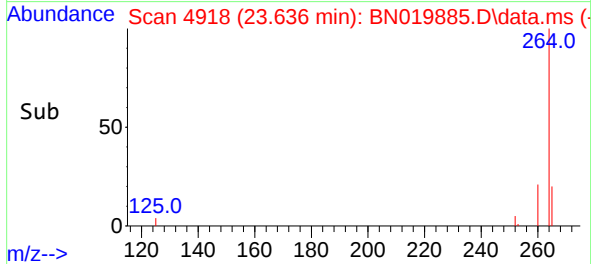
Instrument :
BNA_N
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EW4J0



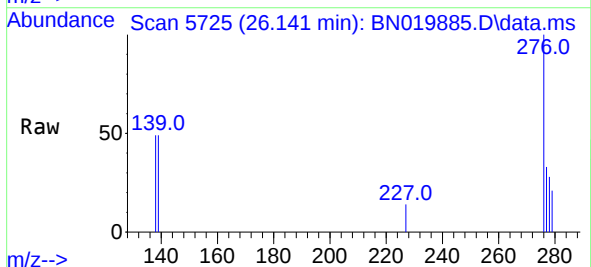
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Ion Ratio Lower Upper
252 100
253 34.0 23.4 35.0
125 55.3 28.3 42.5

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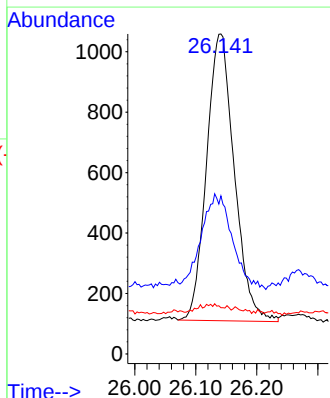
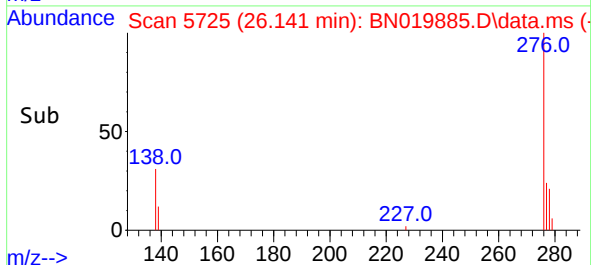
Reviewed By :Jagrut Upadhyay 05/26/2022
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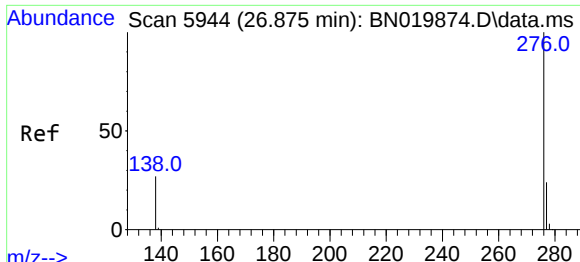


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.039 ng/ul
RT: 26.141 min Scan# 5725
Delta R.T. -0.007 min
Lab File: BN019885.D
Acq: 21 May 2022 00:51



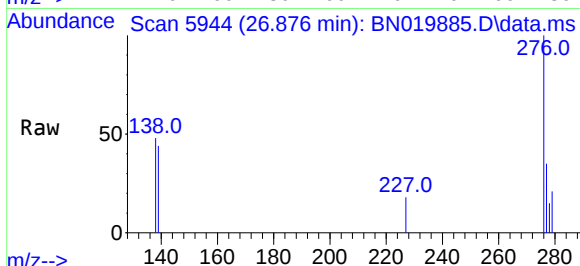
Tgt Ion:276 Resp: 3001
Ion Ratio Lower Upper
276 100
138 37.4 23.6 35.4#
227 2.0 0.0 0.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.032 ng/ul
 RT: 26.876 min Scan# 5944
 Delta R.T. -0.003 min
 Lab File: BN019885.D
 Acq: 21 May 2022 00:51

Instrument : BNA_N
 ClientSampleId : EW4J0



Tgt Ion: 276 Resp: 2200

Ion	Ratio	Lower	Upper
276	100		
138	48.3	20.9	31.3
277	35.5	20.4	30.6

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