

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019881.D
 Acq On : 20 May 2022 22:27
 Operator : CG/JU
 Sample : N2843-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4J1

Manual Integrations
 APPROVED

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

Quant Time: May 26 04:39:32 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	4049	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	13885	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	8672	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	19291	0.400	ng/ul	0.00
17) Chrysene-d12	21.397	240	17797	0.400	ng/ul	0.00
23) Perylene-d12	23.735	264	15061	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	17180	3.585	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	5413	0.258	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	14998	0.266	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.251	178	6838	0.096	ng/ul	97
16) Anthracene	17.344	178	1386	0.024	ng/ul#	86
19) Fluoranthene	19.271	202	9658	0.119	ng/ul	100
20) Pyrene	19.634	202	8177m	0.101	ng/ul	
21) Benzo(a)anthracene	21.382	228	4779	0.072	ng/ul#	90
22) Chrysene	21.432	228	5565	0.071	ng/ul#	91
24) Benzo(b)fluoranthene	23.030	252	5447m	0.071	ng/ul	
25) Benzo(k)fluoranthene	23.068	252	2270m	0.031	ng/ul	
26) Benzo(a)pyrene	23.630	252	3076	0.047	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.138	276	2130	0.026	ng/ul#	45
29) Benzo(g,h,i)perylene	26.879	276	1822	0.025	ng/ul#	64

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

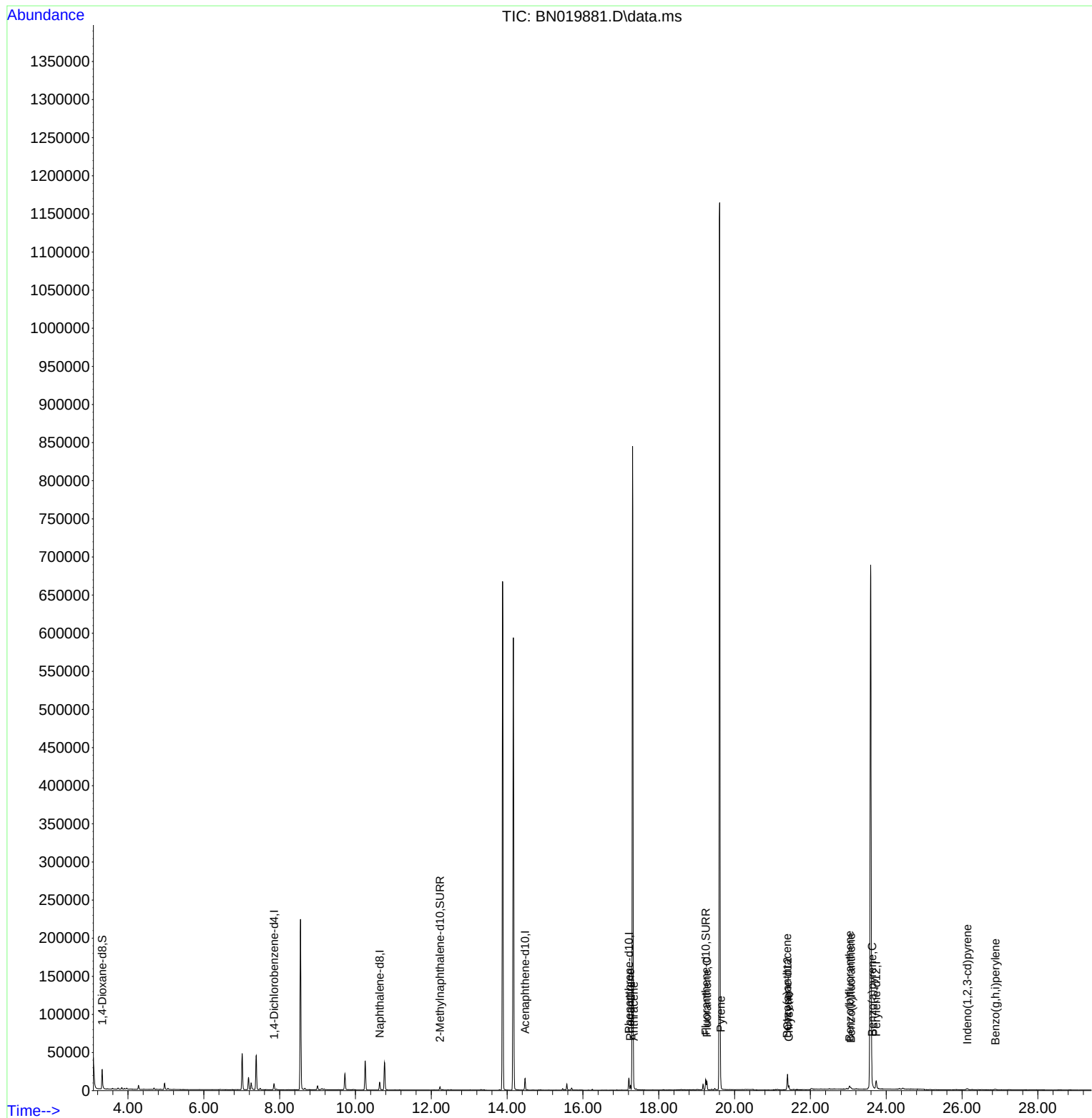
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
Data File : BN019881.D
Acq On : 20 May 2022 22:27
Operator : CG/JU
Sample : N2843-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

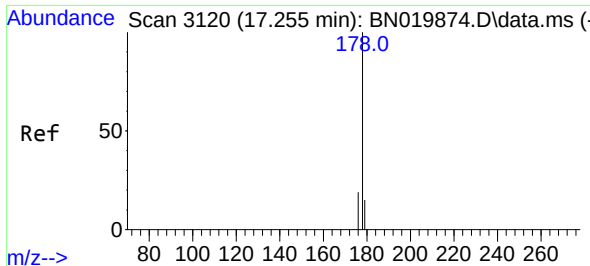
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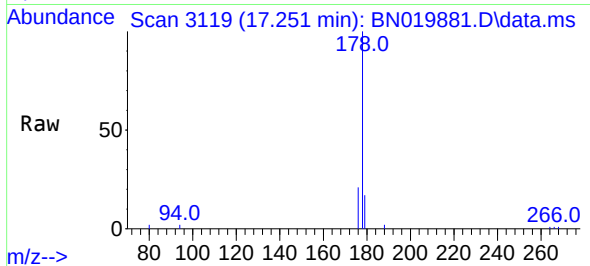
Quant Time: May 26 04:39:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.096 ng/u1
RT: 17.251 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN019881.D
Acq: 20 May 2022 22:27

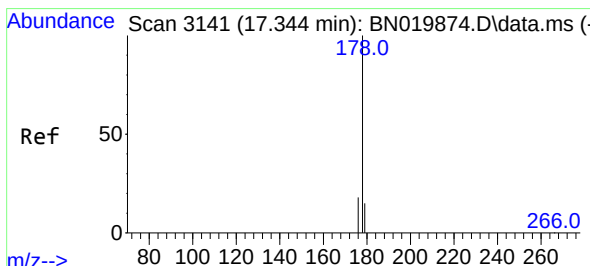
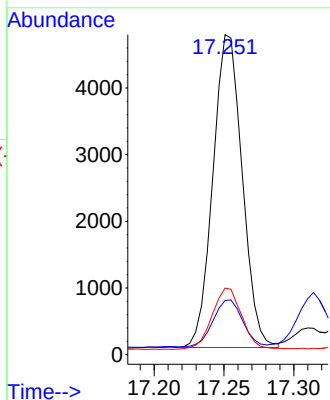
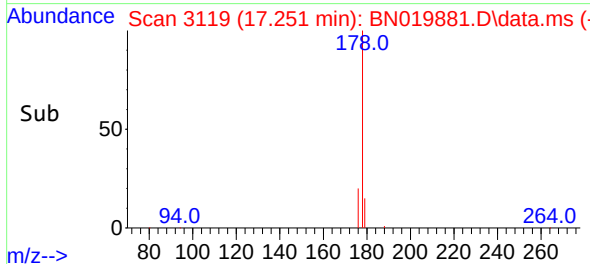
Instrument :
BNA_N
ClientSampleId :
EW4J1



Tgt Ion:178 Resp: 6838
Ion Ratio Lower Upper
178 100
179 16.9 12.9 19.3
176 20.8 15.5 23.3

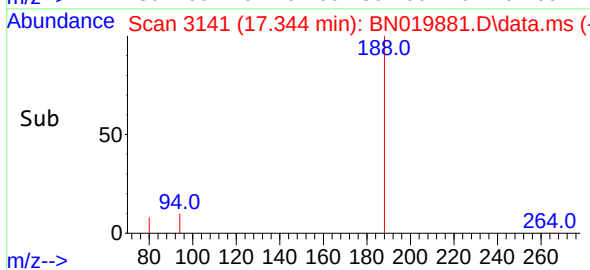
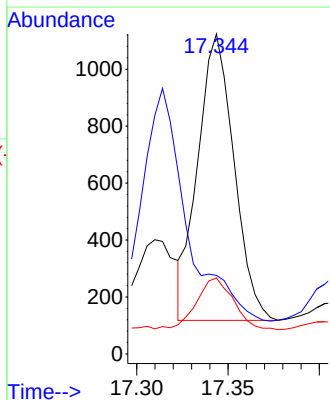
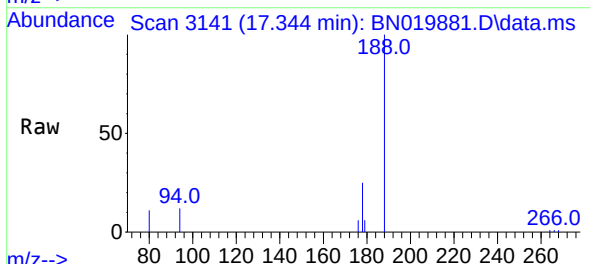
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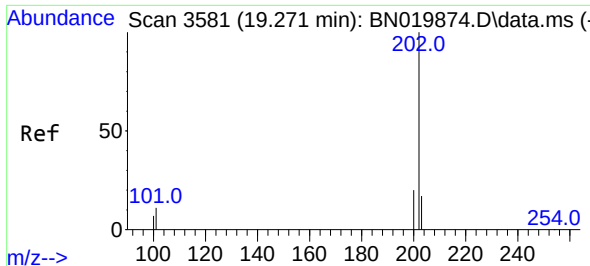
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#16
Anthracene
Concen: 0.024 ng/u1
RT: 17.344 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN019881.D
Acq: 20 May 2022 22:27

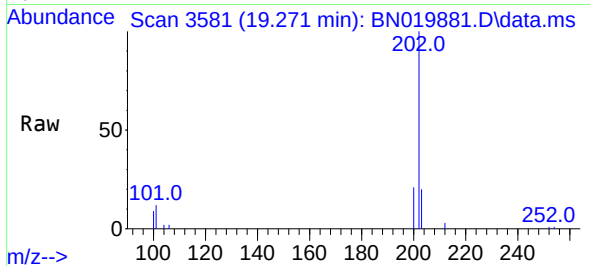
Tgt Ion:178 Resp: 1386
Ion Ratio Lower Upper
178 100
179 24.6 13.1 19.7#
176 23.8 15.3 22.9#





#19
Fluoranthene
Concen: 0.119 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.000 min
Lab File: BN019881.D
Acq: 20 May 2022 22:27

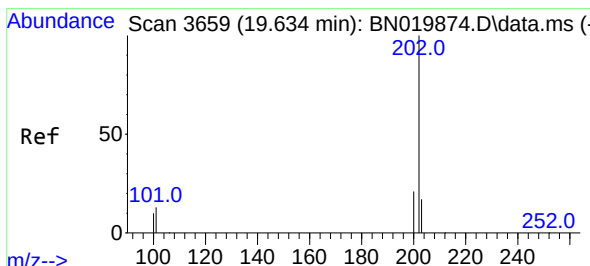
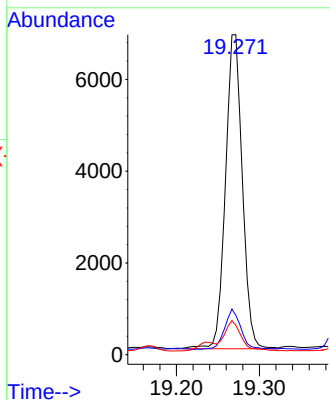
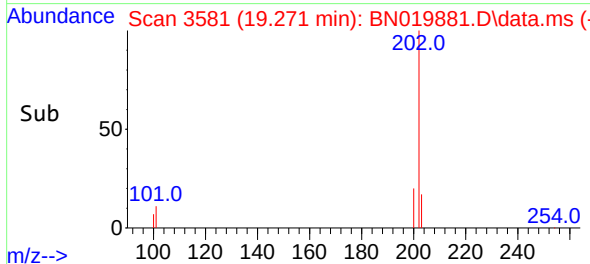
Instrument :
BNA_N
ClientSampleId :
EW4J1



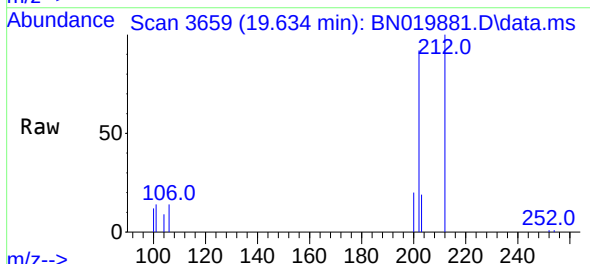
Tgt Ion:202 Resp: 9658
Ion Ratio Lower Upper
202 100
101 12.3 9.7 14.5
100 9.2 7.4 11.2

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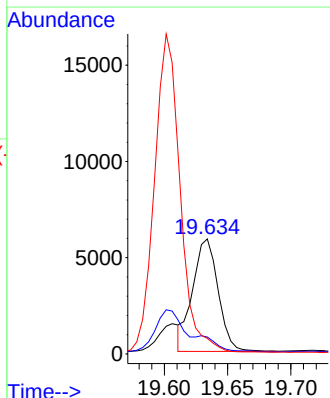
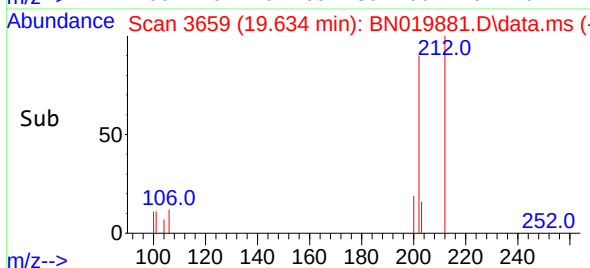
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

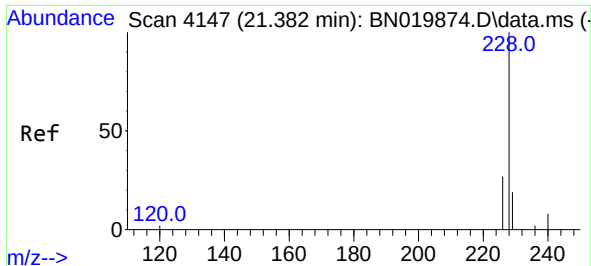


#20
Pyrene
Concen: 0.101 ng/ul m
RT: 19.634 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN019881.D
Acq: 20 May 2022 22:27



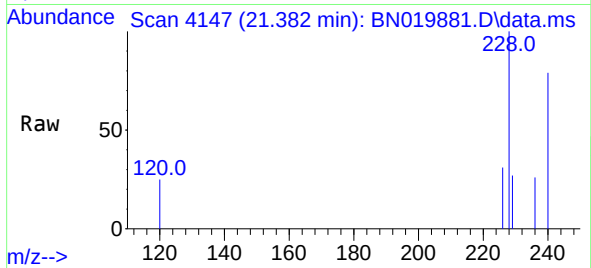
Tgt Ion:202 Resp: 8177
Ion Ratio Lower Upper
202 100
101 14.7 11.4 17.0
100 13.4 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.072 ng/ul
RT: 21.382 min Scan# 4147
Delta R.T. -0.006 min
Lab File: BN019881.D
Acq: 20 May 2022 22:27

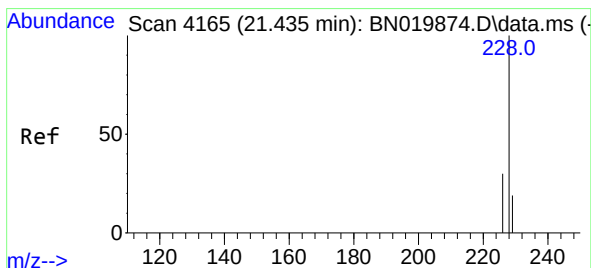
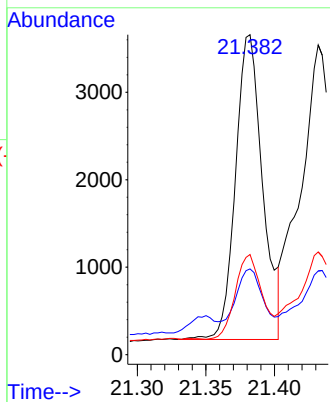
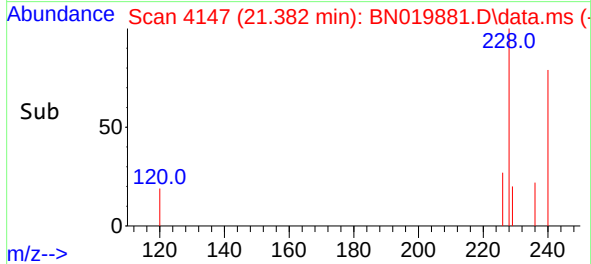
Instrument :
BNA_N
ClientSampleId :
EW4J1



Tgt Ion:228 Resp: 4779
Ion Ratio Lower Upper
228 100
229 26.8 16.1 24.1
226 31.3 22.1 33.1

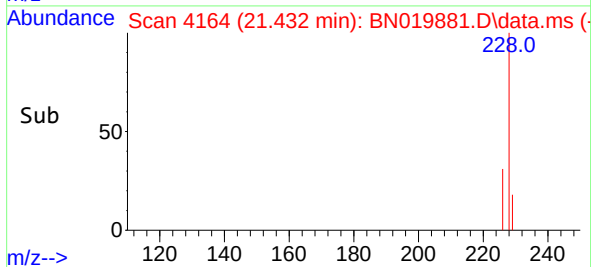
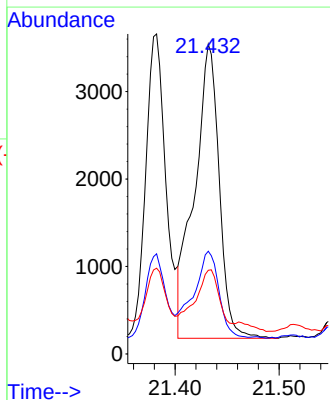
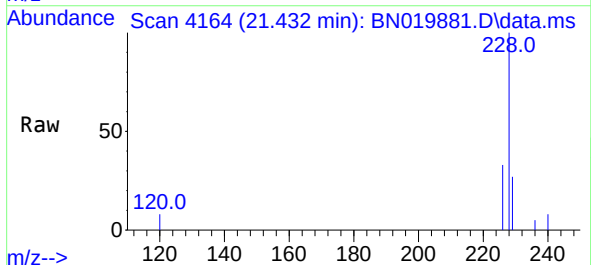
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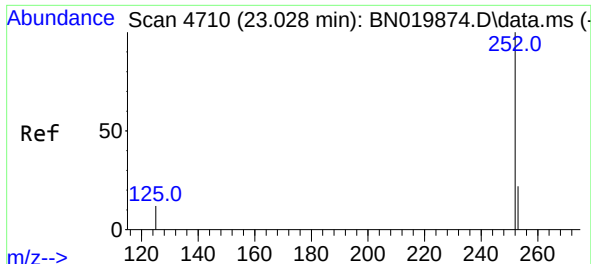
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#22
Chrysene
Concen: 0.071 ng/ul
RT: 21.432 min Scan# 4164
Delta R.T. -0.009 min
Lab File: BN019881.D
Acq: 20 May 2022 22:27

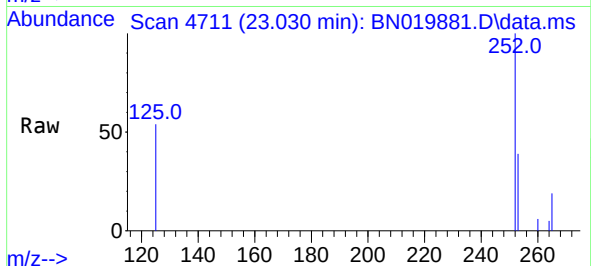
Tgt Ion:228 Resp: 5565
Ion Ratio Lower Upper
228 100
226 33.1 24.2 36.2
229 27.0 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.071 ng/ul m
RT: 23.030 min Scan# 4711
Delta R.T. -0.003 min
Lab File: BN019881.D
Acq: 20 May 2022 22:27

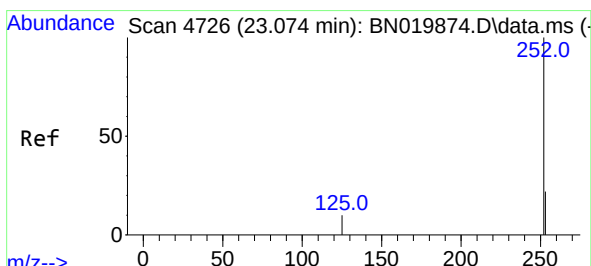
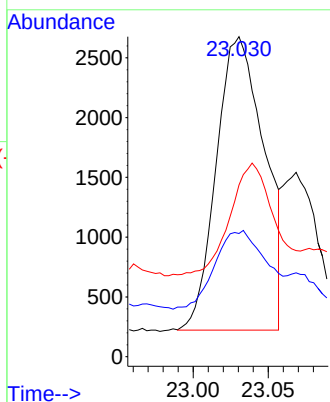
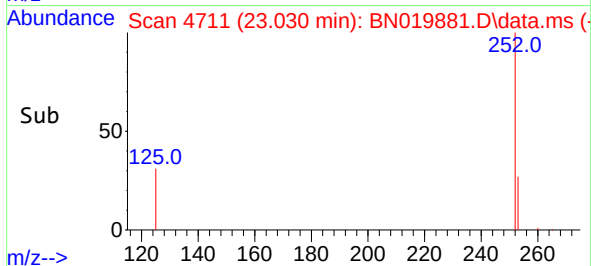
Instrument :
BNA_N
ClientSampleId :
EW4J1



Tgt Ion:252 Resp: 544
Ion Ratio Lower Upper
252 100
253 38.5 0.0 52.0
125 53.6 0.0 40.2

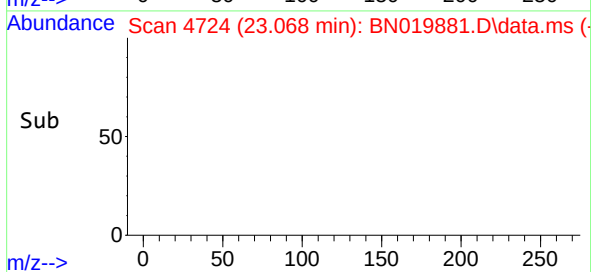
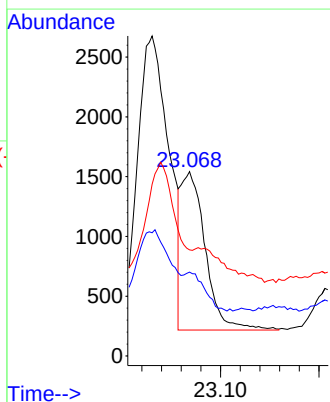
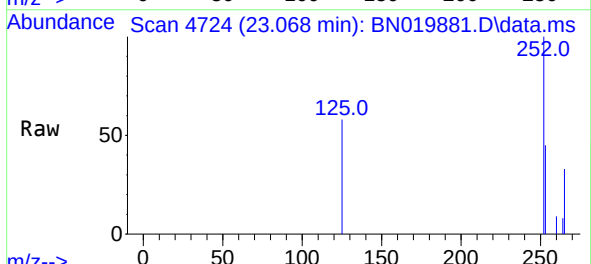
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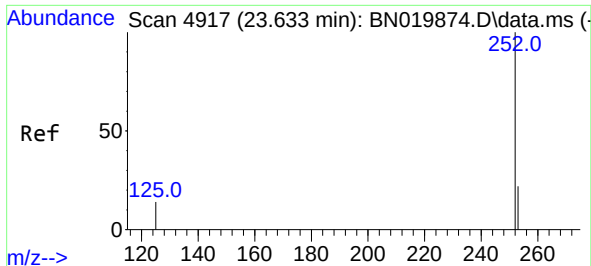
Reviewed By :Jagrut Upadhyay 05/26/2022
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#25
Benzo(k)fluoranthene
Concen: 0.031 ng/ul m
RT: 23.068 min Scan# 4724
Delta R.T. -0.012 min
Lab File: BN019881.D
Acq: 20 May 2022 22:27

Tgt Ion:252 Resp: 2270
Ion Ratio Lower Upper
252 100
253 45.5 20.2 30.2#
125 57.6 11.0 16.6#





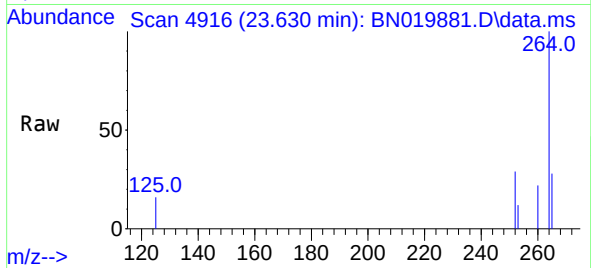
#26
Benzo(a)pyrene
Concen: 0.047 ng/ul
RT: 23.630 min Scan# 4917
Delta R.T. -0.009 min
Lab File: BN019881.D
Acq: 20 May 2022 22:27

Instrument :

BN019881.D

ClientSampleId :

EW4J1

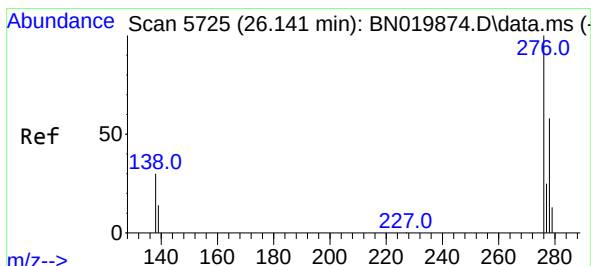
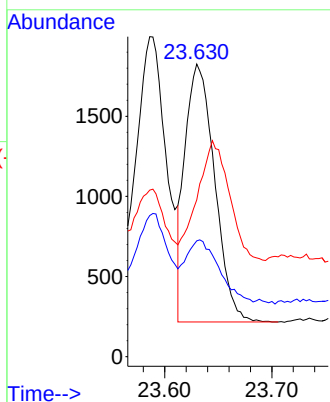
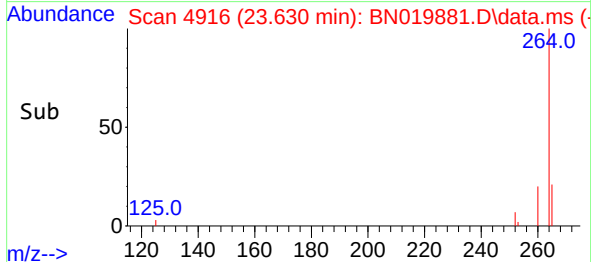


Tgt Ion:252 Resp: 3070
Ion Ratio Lower Upper
252 100
253 39.6 23.4 35.0
125 53.6 28.3 42.5

Manual Integrations

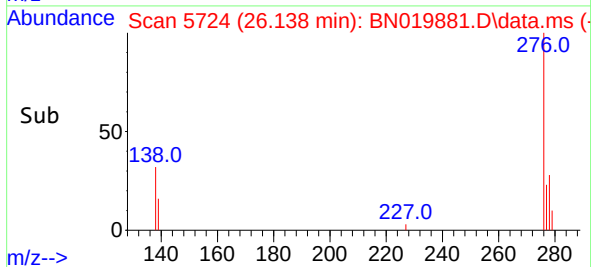
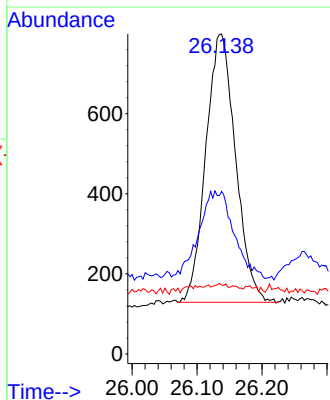
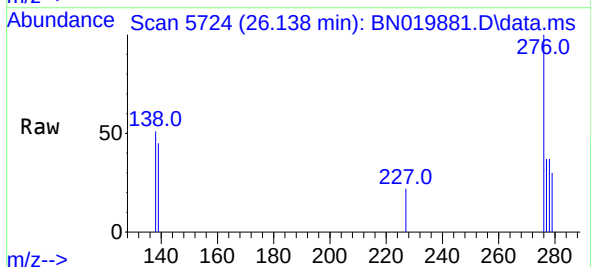
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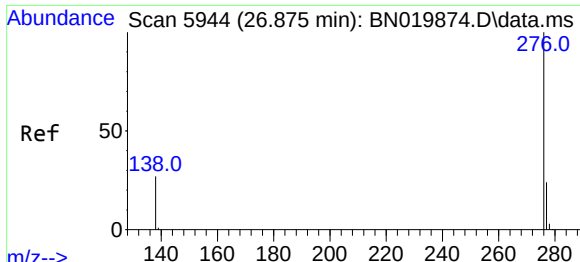
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.026 ng/ul
RT: 26.138 min Scan# 5724
Delta R.T. -0.010 min
Lab File: BN019881.D
Acq: 20 May 2022 22:27

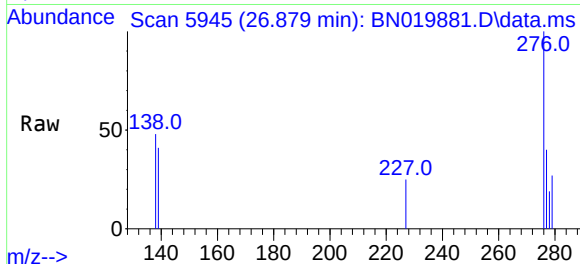
Tgt Ion:276 Resp: 2130
Ion Ratio Lower Upper
276 100
138 0.0 23.6 35.4
227 0.0 0.0 0.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.025 ng/ul
 RT: 26.879 min Scan# 5945
 Delta R.T. -0.000 min
 Lab File: BN019881.D
 Acq: 20 May 2022 22:27

Instrument :
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Tgt Ion: 276 Resp: 182

Ion	Ratio	Lower	Upper
276	100		
138	48.4	20.9	31.3
277	39.7	20.4	30.6

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