

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041522\
 Data File : BN019464.D
 Acq On : 15 Apr 2022 16:02
 Operator : CG/JU
 Sample : N2280-03DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFFC2DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/18/2022
 Supervised By :Yogesh Patel 04/18/2022

Quant Time: Apr 18 05:03:13 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 14:35:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	4160	0.400	ng/ul	0.00
4) Naphthalene-d8	10.618	136	12643	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.461	164	7656	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.201	188	14482	0.400	ng/ul	0.00
17) Chrysene-d12	21.398	240	9103	0.400	ng/ul	0.00
23) Perylene-d12	23.745	264	5924m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.177	96	1919	0.358	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.235	152	391	0.022	ng/ul	0.02
18) Fluoranthene-d10	19.231	212	1124	0.033	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.239	178	3182	0.066	ng/ul#	92
19) Fluoranthene	19.263	202	3677	0.081	ng/ul#	94
20) Pyrene	19.621	202	5345	0.111	ng/ul#	93
21) Benzo(a)anthracene	21.383	228	894	0.032	ng/ul#	72
22) Chrysene	21.433	228	1899m	0.052	ng/ul	
24) Benzo(b)fluoranthene	23.040	252	1740m	0.063	ng/ul	
25) Benzo(k)fluoranthene	23.072	252	705m	0.022	ng/ul	
26) Benzo(a)pyrene	23.637	252	959	0.041	ng/ul#	15
27) Indeno(1,2,3-cd)pyrene	26.189	276	620	0.024	ng/ul#	45
29) Benzo(g,h,i)perylene	26.917	276	906	0.036	ng/ul#	52

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

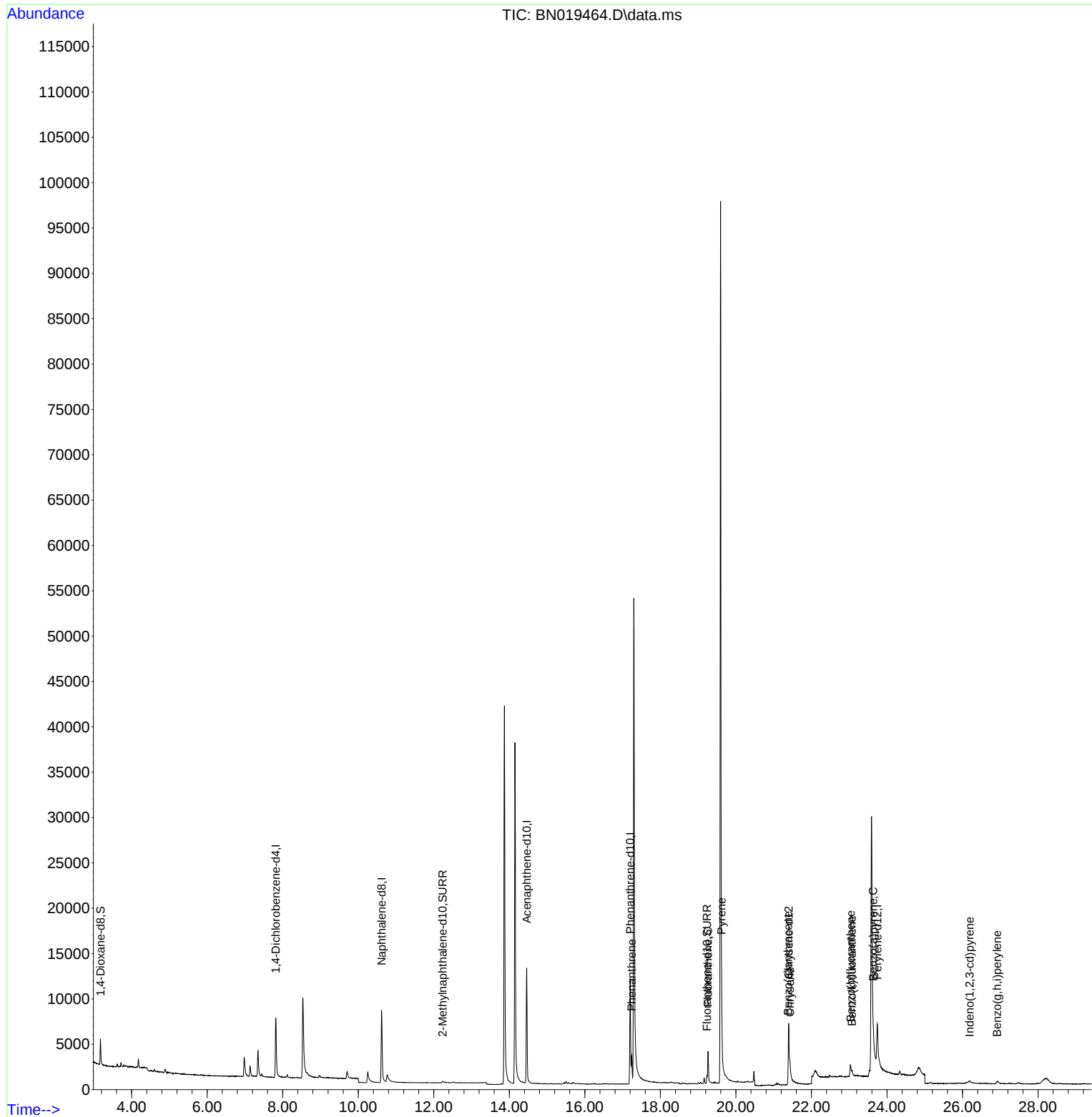
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041522\
Data File : BN019464.D
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ALS Vial : 11 Sample Multiplier: 1

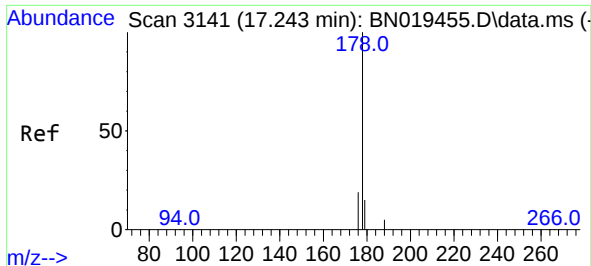
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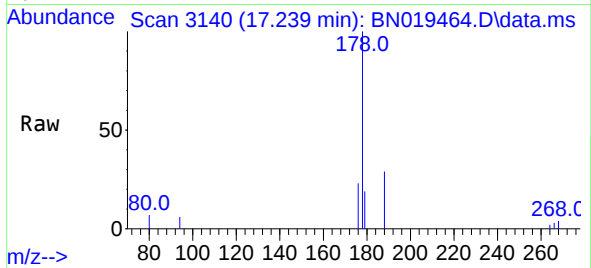
Quant Time: Apr 18 05:03:13 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 14:35:39 2022
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.066 ng/ul
RT: 17.239 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN019464.D
Acq: 15 Apr 2022 16:02

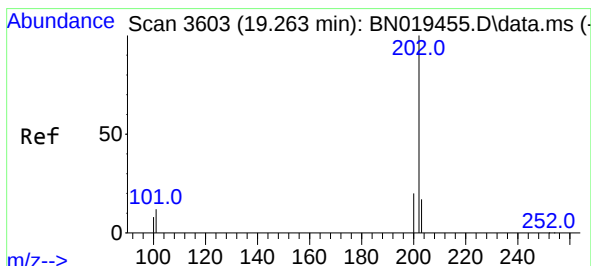
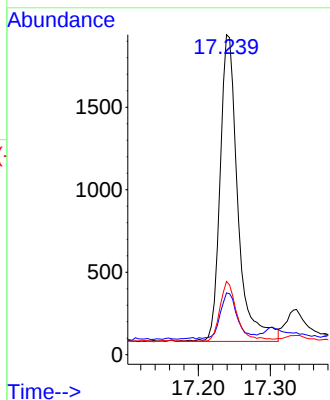
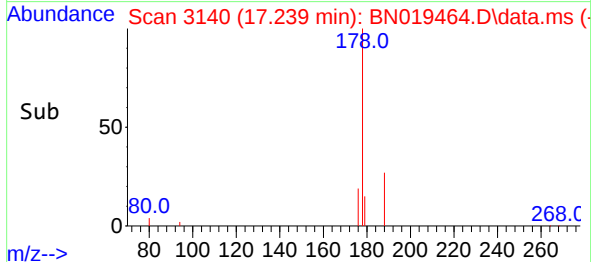
Instrument :
BNA_N
ClientSampleId :
BFFC2DL



Tgt Ion:178 Resp: 3182
Ion Ratio Lower Upper
178 100
179 19.3 12.9 19.3#
176 22.9 15.5 23.3#

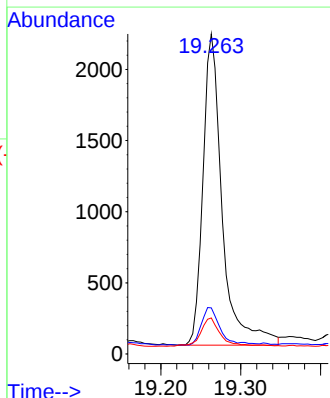
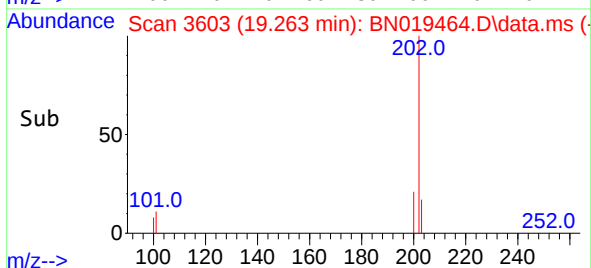
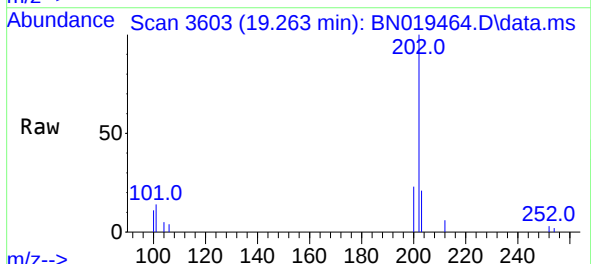
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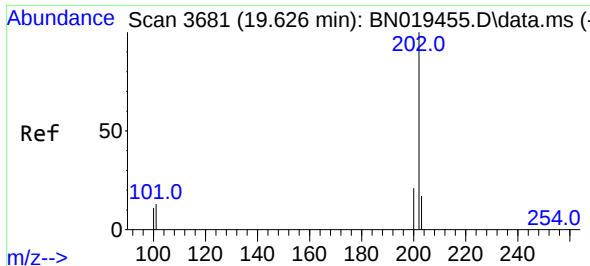
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022



#19
Fluoranthene
Concen: 0.081 ng/ul
RT: 19.263 min Scan# 3603
Delta R.T. -0.000 min
Lab File: BN019464.D
Acq: 15 Apr 2022 16:02

Tgt Ion:202 Resp: 3677
Ion Ratio Lower Upper
202 100
101 14.4 9.7 14.5
100 11.2 7.4 11.2#





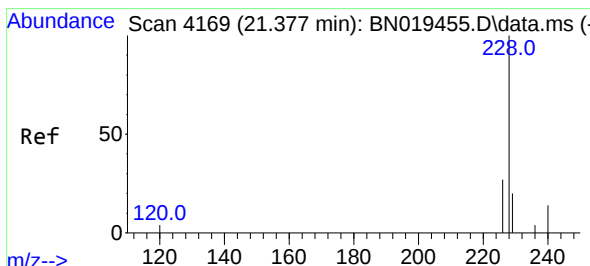
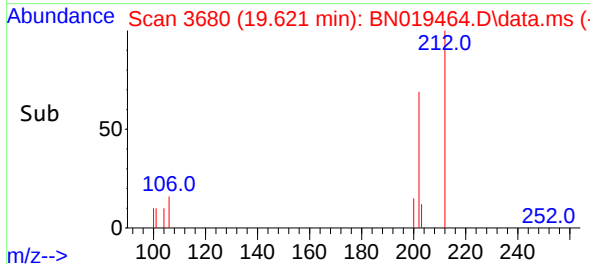
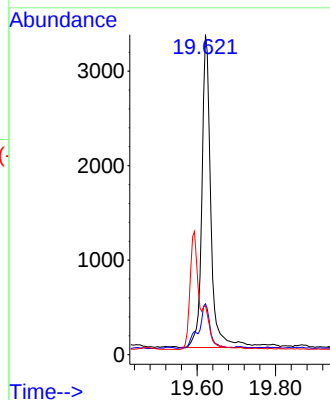
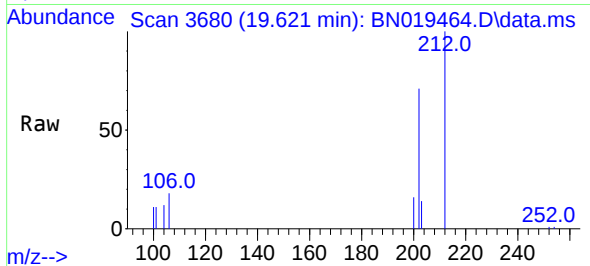
#20
Pyrene
Concen: 0.111 ng/ul
RT: 19.621 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN019464.D
Acq: 15 Apr 2022 16:02

Instrument :
BNA_N
ClientSampleId :
BFFC2DL

Tgt Ion:202 Resp: 534
Ion Ratio Lower Upper
202 100
101 15.9 11.4 17.0
100 15.3 9.0 13.4

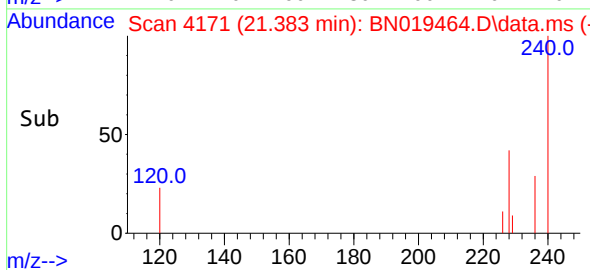
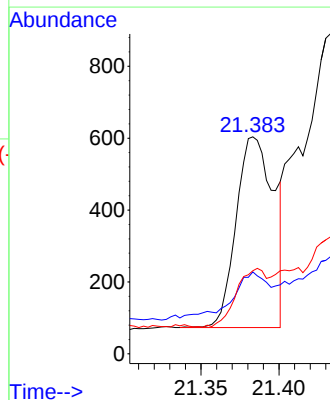
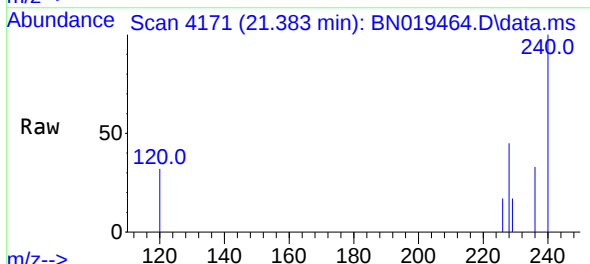
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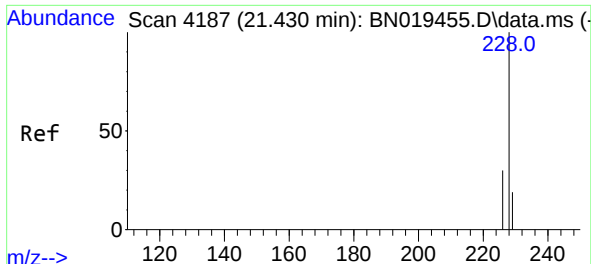
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022



#21
Benzo(a)anthracene
Concen: 0.032 ng/ul
RT: 21.383 min Scan# 4171
Delta R.T. 0.003 min
Lab File: BN019464.D
Acq: 15 Apr 2022 16:02

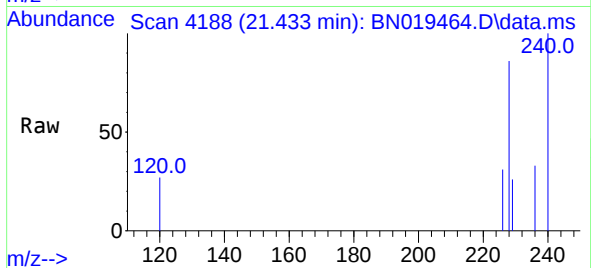
Tgt Ion:228 Resp: 894
Ion Ratio Lower Upper
228 100
229 37.7 16.1 24.1#
226 38.2 22.1 33.1#





#22
Chrysene
Concen: 0.052 ng/ul m
RT: 21.433 min Scan# 4187
Delta R.T. 0.003 min
Lab File: BN019464.D
Acq: 15 Apr 2022 16:02

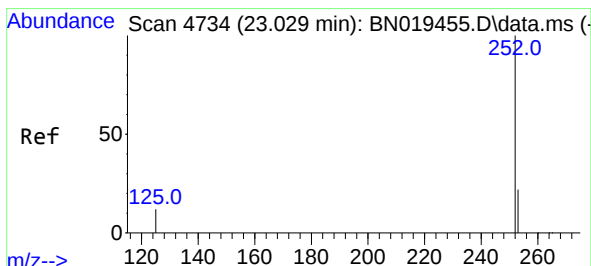
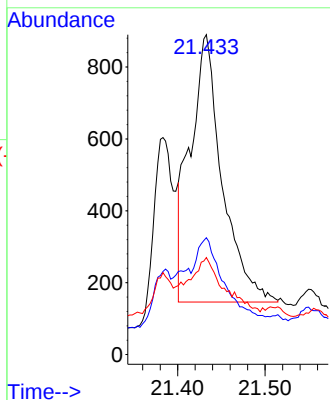
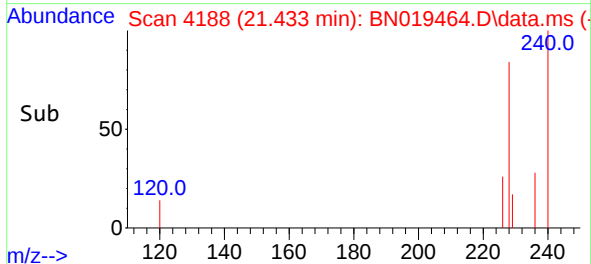
Instrument :
BNA_N
ClientSampleId :
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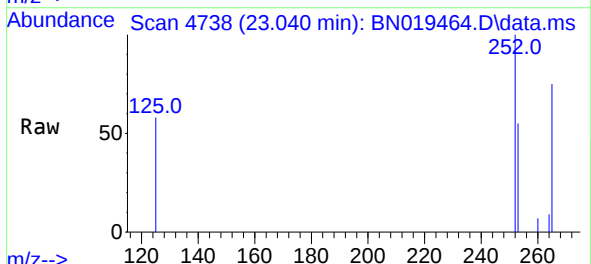
Tgt Ion:228 Resp: 1899
Ion Ratio Lower Upper
228 100
226 36.5 24.2 36.2#
229 30.3 16.0 24.0#

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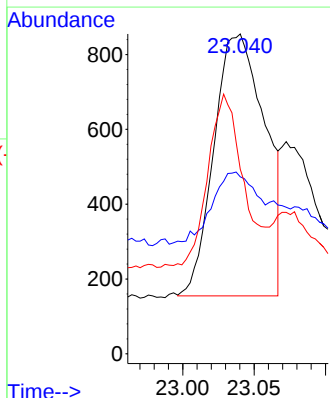
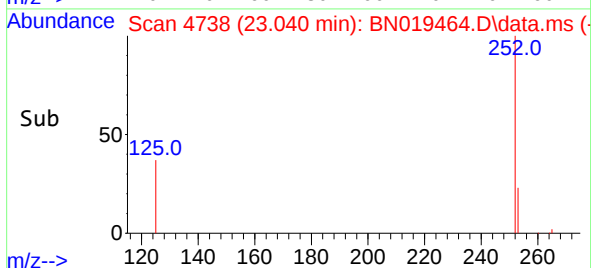
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

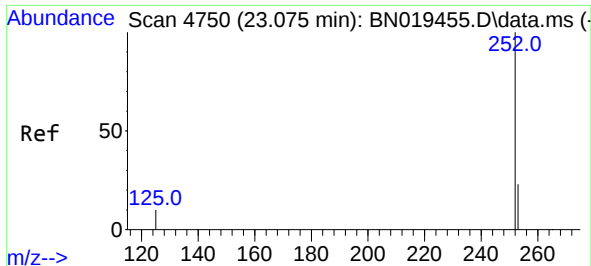


#24
Benzo(b)fluoranthene
Concen: 0.063 ng/ul m
RT: 23.040 min Scan# 4738
Delta R.T. 0.009 min
Lab File: BN019464.D
Acq: 15 Apr 2022 16:02



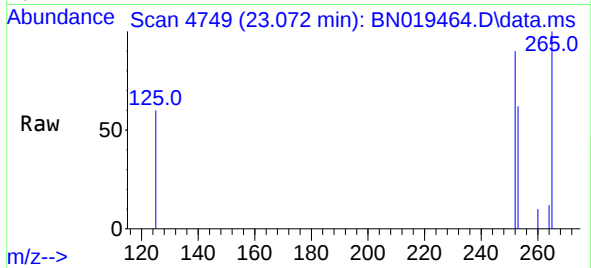
Tgt Ion:252 Resp: 1740
Ion Ratio Lower Upper
252 100
253 55.3 0.0 52.0#
125 57.7 0.0 40.2#





#25
Benzo(k)fluoranthene
Concen: 0.022 ng/ul m
RT: 23.072 min Scan# 4750
Delta R.T. -0.006 min
Lab File: BN019464.D
Acq: 15 Apr 2022 16:02

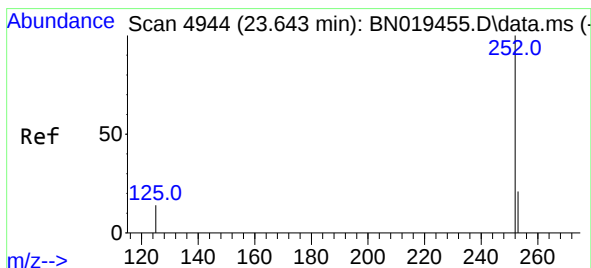
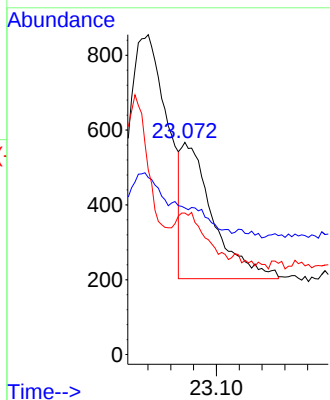
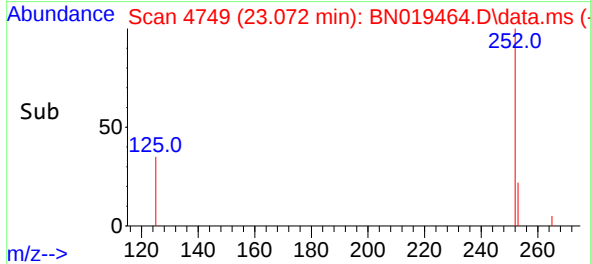
Instrument :
BNA_N
ClientSampleId :
BFFC2DL



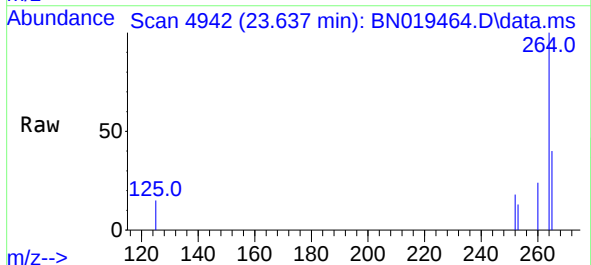
Tgt Ion:252 Resp: 709
Ion Ratio Lower Upper
252 100
253 69.1 20.2 30.2
125 66.7 11.0 16.6

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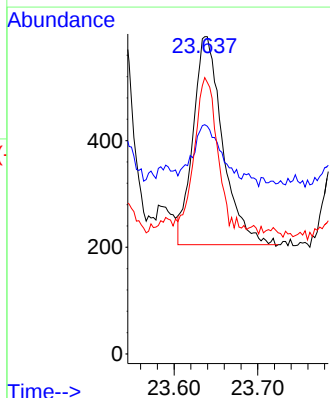
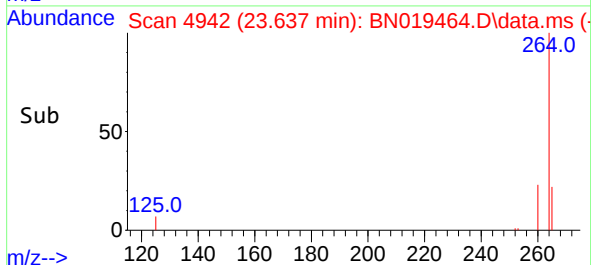
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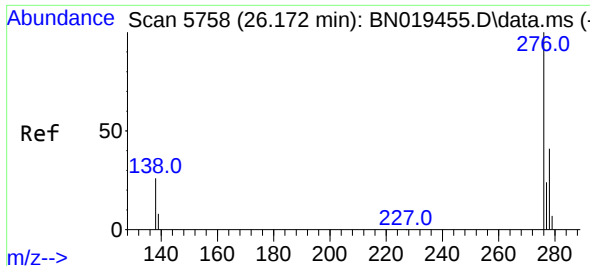


#26
Benzo(a)pyrene
Concen: 0.041 ng/ul
RT: 23.637 min Scan# 4942
Delta R.T. -0.009 min
Lab File: BN019464.D
Acq: 15 Apr 2022 16:02



Tgt Ion:252 Resp: 959
Ion Ratio Lower Upper
252 100
253 72.3 23.4 35.0#
125 87.1 28.3 42.5#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.024 ng/ul

RT: 26.189 min Scan# 51

Delta R.T. 0.010 min

Lab File: BN019464.D

Acq: 15 Apr 2022 16:02

Instrument :

BNA_N

ClientSampleId :

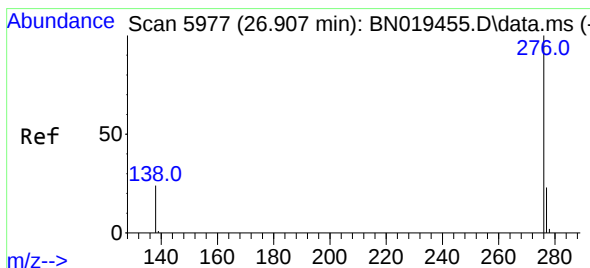
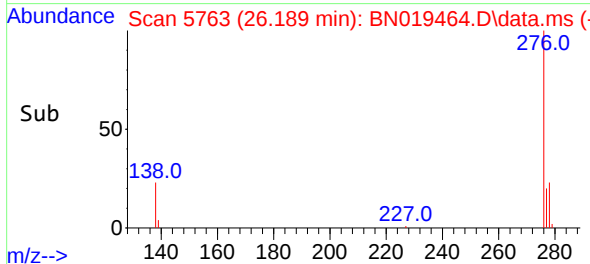
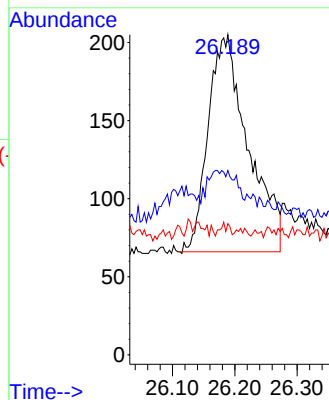
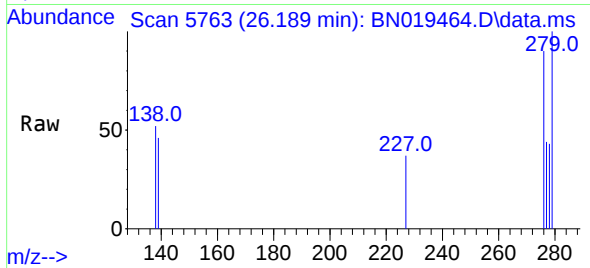
BFFC2DL

Tgt Ion:276 Resp: 620
 Ion Ratio Lower Upper
 276 100
 138 0.0 23.6 35.4#
 227 1.3 0.0 0.0#

Manual Integrations

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 Supervised By :Yogesh Patel 04/18/2022



#29

Benzo(g,h,i)perylene

Concen: 0.036 ng/ul

RT: 26.917 min Scan# 5980

Delta R.T. -0.003 min

Lab File: BN019464.D

Acq: 15 Apr 2022 16:02

Tgt Ion:276 Resp: 906
 Ion Ratio Lower Upper
 276 100
 138 52.7 20.9 31.3#
 277 48.1 20.4 30.6#

