

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011922\
 Data File : BN018420.D
 Acq On : 19 Jan 2022 16:52
 Operator : CG/JU
 Sample : N1129-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBM06

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/20/2022
 Supervised By :mohammad ahmed 01/21/2022

Quant Time: Jan 20 02:35:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 07 01:31:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	426339	20.000	ng/u1	0.00
20) Naphthalene-d8	10.369	136	1944078	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.234	164	1215348	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.975	188	2457290	20.000	ng/u1	0.00
79) Chrysene-d12	21.175	240	2316600	20.000	ng/u1	# 0.00
88) Perylene-d12	23.392	264	1984530	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	26076	2.459	ng/uL	0.00
4) Pyridine-d5	3.470	84	239391	7.213	ng/u1	0.00
7) Phenol-d5	6.775	99	559667	13.507	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	353251	13.384	ng/u1	0.00
11) 2-Chlorophenol-d4	7.122	132	441070	14.532	ng/u1	0.00
15) 4-Methylphenol-d8	8.305	113	387941	11.862	ng/u1	-0.01
21) Nitrobenzene-d5	8.740	128	197204	13.620	ng/u1	0.00
24) 2-Nitrophenol-d4	9.458	143	219834	14.203	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	388245	13.807	ng/u1	0.00
31) 4-Chloroaniline-d4	10.510	131	369005	8.539	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	1323023	14.988	ng/u1	0.00
49) Acenaphthylene-d8	13.922	160	1621979	14.535	ng/u1	0.00
54) 4-Nitrophenol-d4	14.451	143	133731	7.939	ng/u1	0.00
60) Fluorene-d10	15.228	176	1174637	15.772	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	138231	9.941	ng/u1	0.00
73) Anthracene-d10	17.075	188	1795215	15.774	ng/u1	0.00
81) Pyrene-d10	19.375	212	2146532	16.153	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.251	264	1770507	17.926	ng/u1	0.00
Target Compounds					Qvalue	
18) 4-Methylphenol	8.358	108	51154	1.467	ng/u1	89
72) Phenanthrene	17.016	178	285478	2.044	ng/u1	99
80) Fluoranthene	19.039	202	890543	5.529	ng/u1#	94
82) Pyrene	19.404	202	698359	4.255	ng/u1#	89
85) Benzo(a)anthracene	21.157	228	314644	2.075	ng/u1	97
87) Chrysene	21.210	228	425386	2.848	ng/u1	96
90) Benzo(b)fluoranthene	22.727	252	543261	4.270	ng/u1#	96
91) Benzo(k)fluoranthene	22.769	252	178114m	1.510	ng/u1	
93) Benzo(a)pyrene	23.292	252	289248	2.384	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	25.633	276	204393	1.523	ng/u1#	88
96) Benzo(g,h,i)perylene	26.327	276	187102	1.664	ng/u1#	88

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

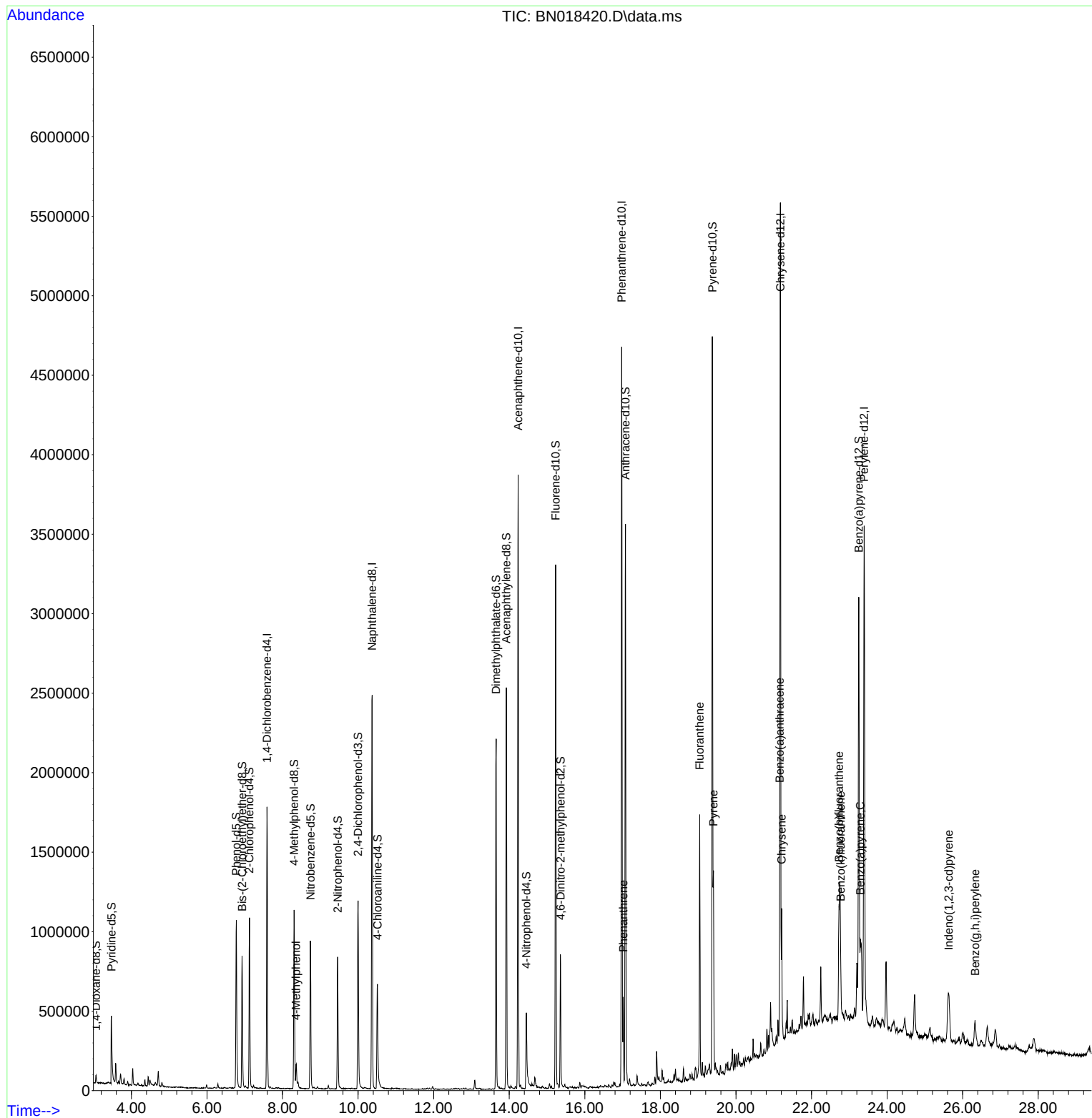
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011922\
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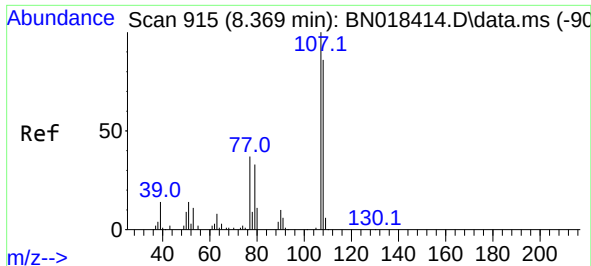
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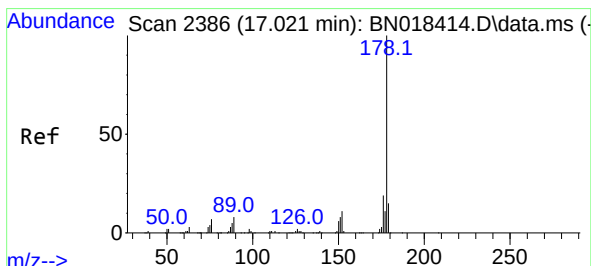
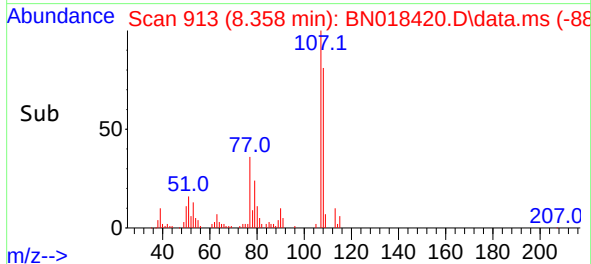
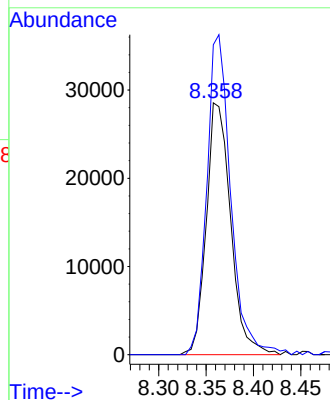
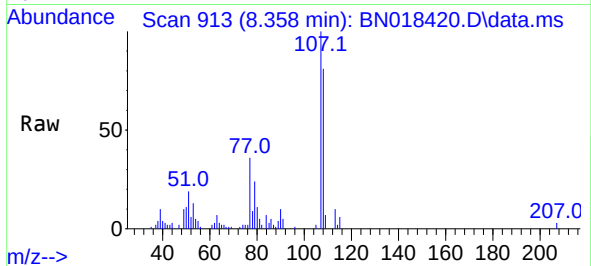
#18
4-Methylphenol
Concen: 1.467 ng/ul
RT: 8.358 min Scan# 915
Delta R.T. -0.018 min
Lab File: BN018420.D
Acq: 19 Jan 2022 16:52

Instrument :
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Tgt Ion:108 Resp: 51154
Ion Ratio Lower Upper
108 100
107 123.1 89.4 134.0

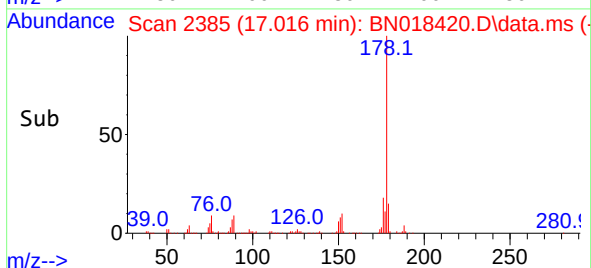
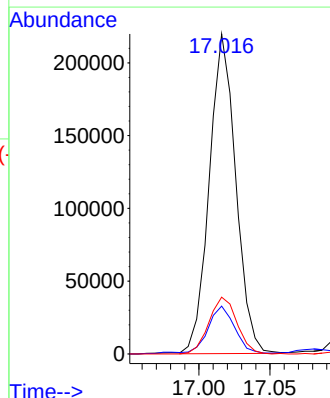
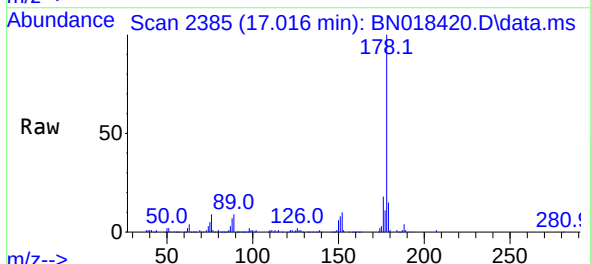
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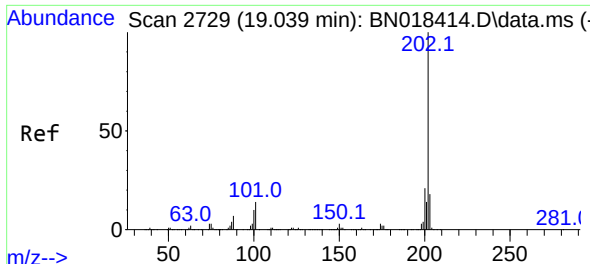
Reviewed By :Jagrut Upadhyay 01/20/2022
Supervised By :mohammad ahmed 01/21/2022



#72
Phenanthrene
Concen: 2.044 ng/ul
RT: 17.016 min Scan# 2385
Delta R.T. -0.006 min
Lab File: BN018420.D
Acq: 19 Jan 2022 16:52

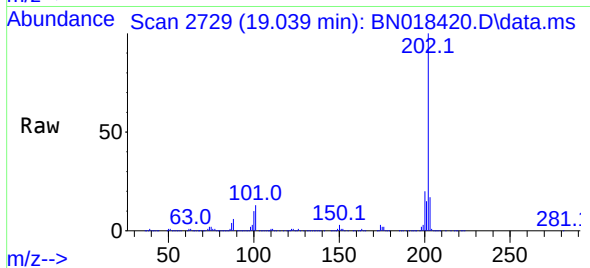
Tgt Ion:178 Resp: 285478
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.4
176 17.7 14.6 21.8





#80
Fluoranthene
Concen: 5.529 ng/u1
RT: 19.039 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BN018420.D
Acq: 19 Jan 2022 16:52

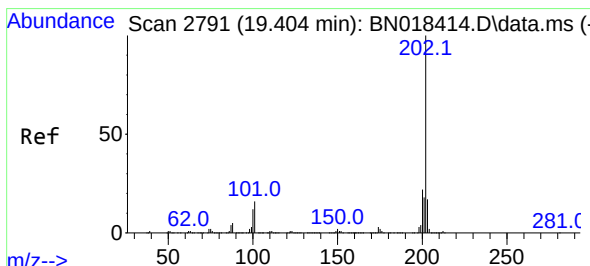
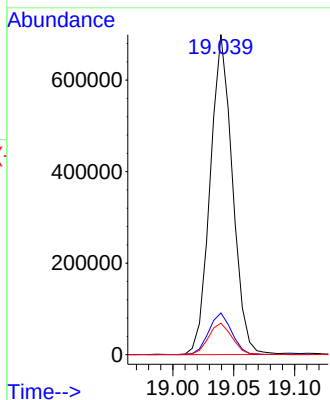
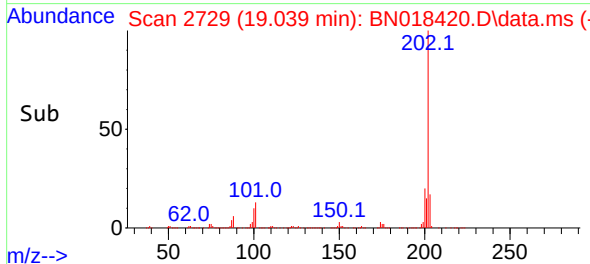
Instrument :
BNA_N
ClientSampleId :
DBM06



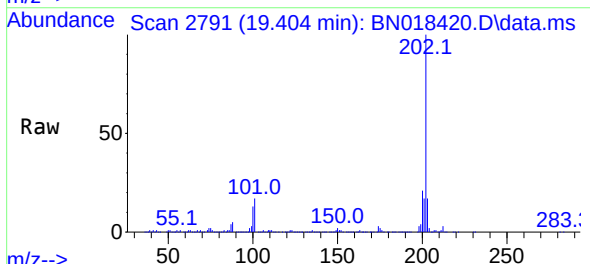
Tgt Ion:202 Resp: 89054
Ion Ratio Lower Upper
202 100
101 13.0 8.5 12.7
100 9.9 6.4 9.6

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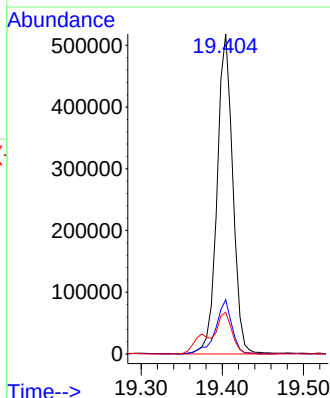
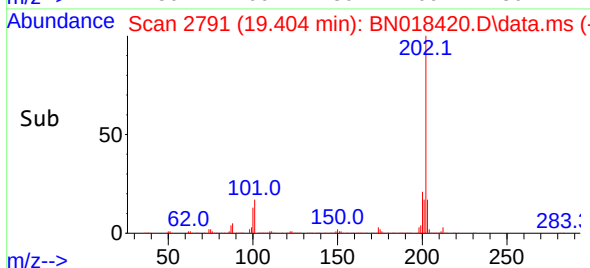
Reviewed By :Jagrut Upadhyay 01/20/2022
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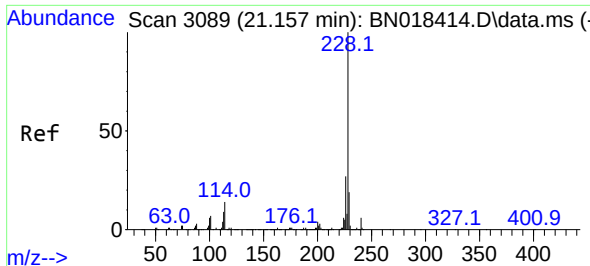


#82
Pyrene
Concen: 4.255 ng/u1
RT: 19.404 min Scan# 2791
Delta R.T. -0.006 min
Lab File: BN018420.D
Acq: 19 Jan 2022 16:52



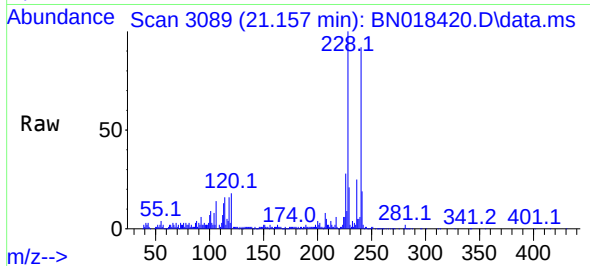
Tgt Ion:202 Resp: 698359
Ion Ratio Lower Upper
202 100
101 17.0 9.6 14.4#
100 13.0 7.8 11.8#





#85
Benzo(a)anthracene
Concen: 2.075 ng/u1
RT: 21.157 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BN018420.D
Acq: 19 Jan 2022 16:52

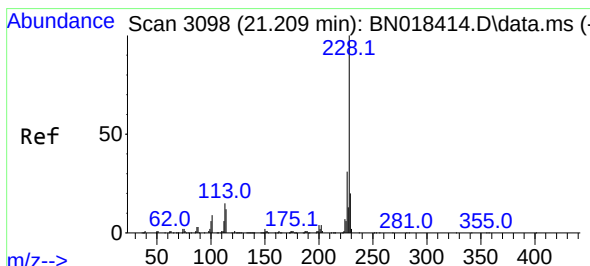
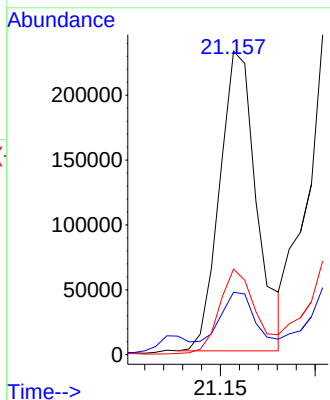
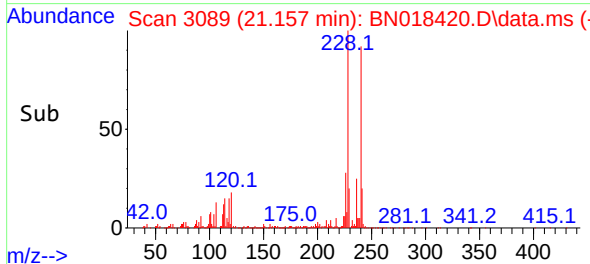
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 314644
Ion Ratio Lower Upper
228 100
229 20.6 15.4 23.2
226 28.2 21.0 31.6

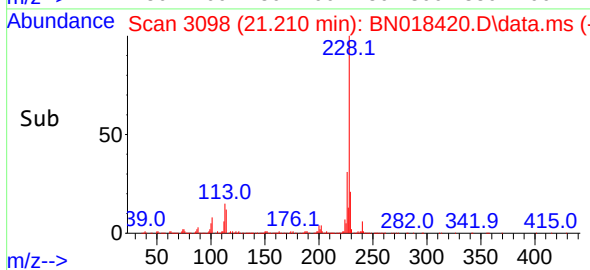
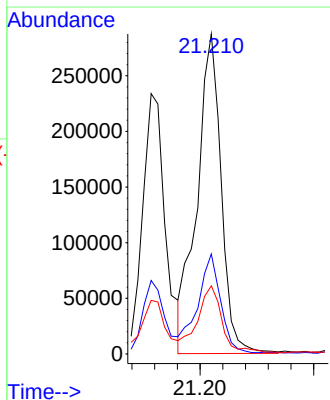
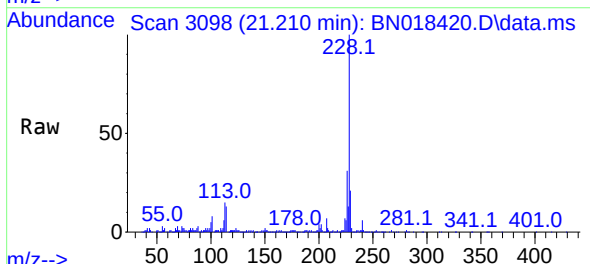
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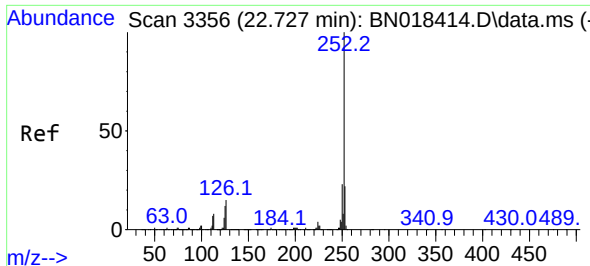
Reviewed By :Jagrut Upadhyay 01/20/2022
Supervised By :mohammad ahmed 01/21/2022



#87
Chrysene
Concen: 2.848 ng/u1
RT: 21.210 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BN018420.D
Acq: 19 Jan 2022 16:52

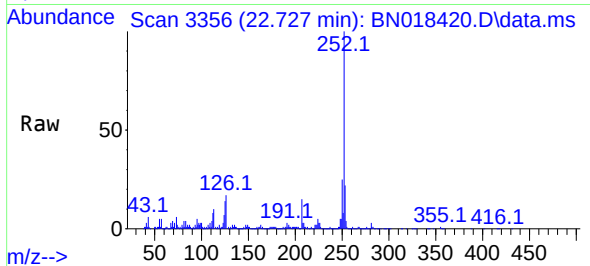
Tgt Ion:228 Resp: 425386
Ion Ratio Lower Upper
228 100
226 31.2 23.5 35.3
229 21.3 15.0 22.4





#90
Benzo(b)fluoranthene
Concen: 4.270 ng/u1
RT: 22.727 min Scan# 3356
Delta R.T. 0.000 min
Lab File: BN018420.D
Acq: 19 Jan 2022 16:52

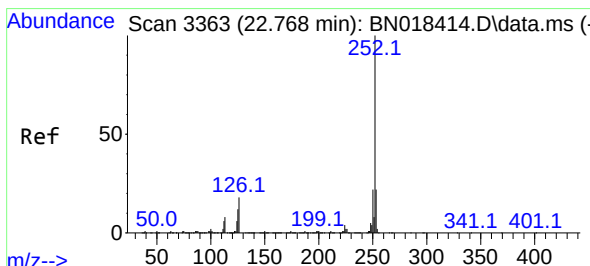
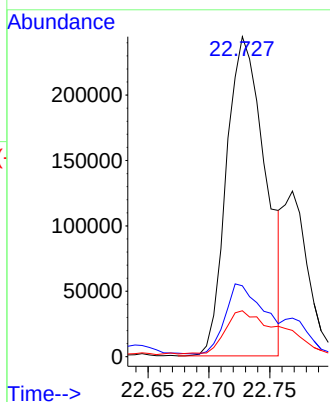
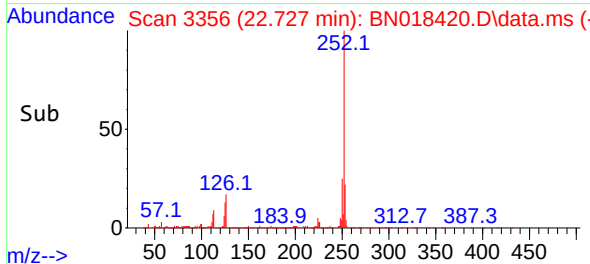
Instrument :
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DBM06



Tgt Ion:252 Resp: 54326
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 14.3 7.2 10.8

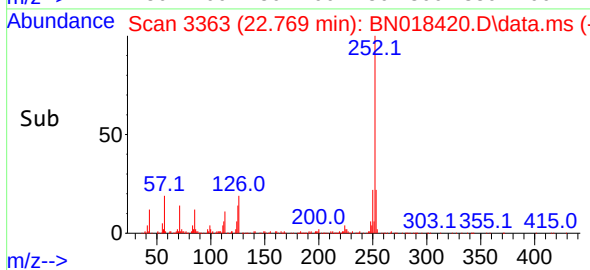
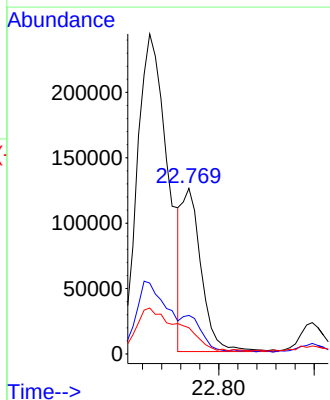
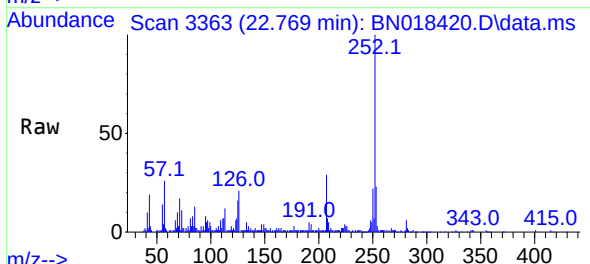
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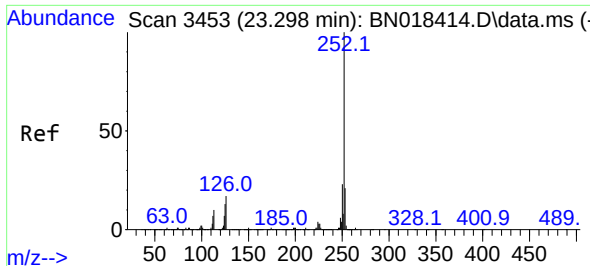
Reviewed By :Jagrut Upadhyay 01/20/2022
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#91
Benzo(k)fluoranthene
Concen: 1.510 ng/u1 m
RT: 22.769 min Scan# 3363
Delta R.T. -0.006 min
Lab File: BN018420.D
Acq: 19 Jan 2022 16:52

Tgt Ion:252 Resp: 178114
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 15.8 6.9 10.3





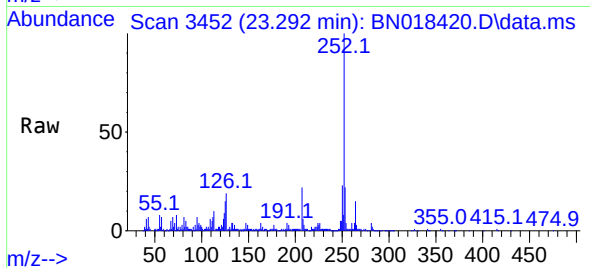
#93
Benzo(a)pyrene
Concen: 2.384 ng/u1
RT: 23.292 min Scan# 3453
Delta R.T. -0.006 min
Lab File: BN018420.D
Acq: 19 Jan 2022 16:52

Instrument :

BNA_N

ClientSampleId :

DBM06

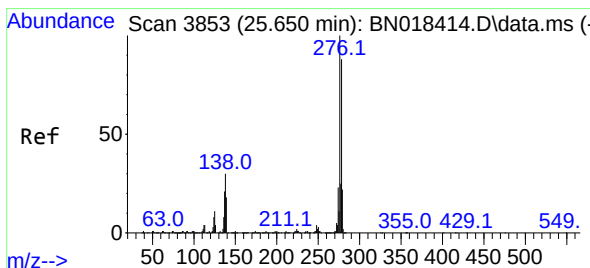
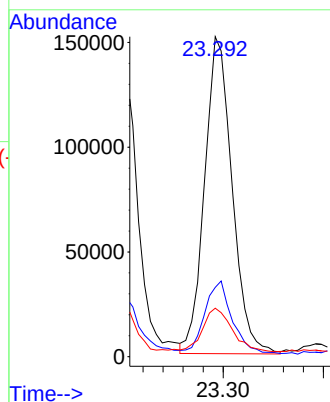
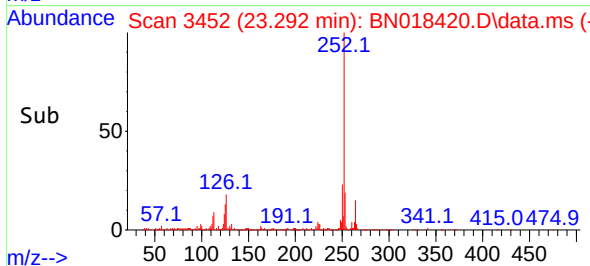


Tgt Ion:252 Resp: 28924
Ion Ratio Lower Upper
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125 15.2 8.0 12.0

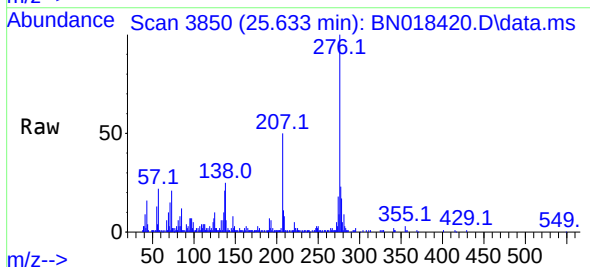
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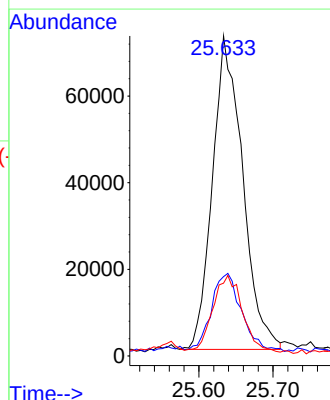
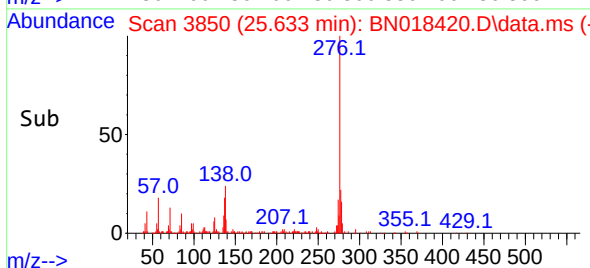
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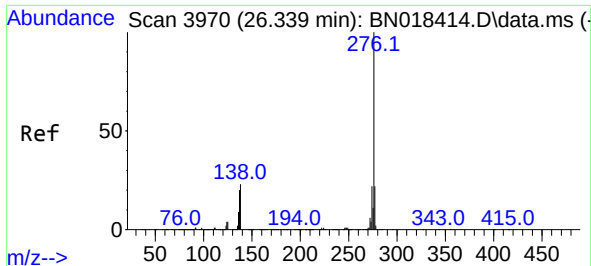


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.523 ng/u1
RT: 25.633 min Scan# 3850
Delta R.T. -0.018 min
Lab File: BN018420.D
Acq: 19 Jan 2022 16:52



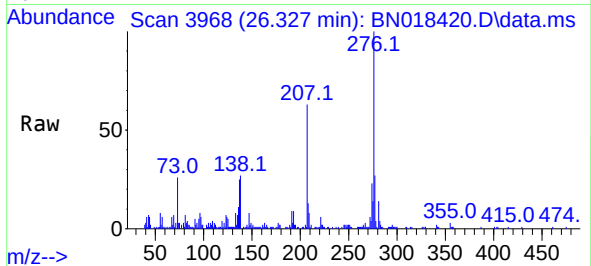
Tgt Ion:276 Resp: 204393
Ion Ratio Lower Upper
276 100
138 31.2 16.6 24.8#
277 22.8 19.1 28.7





#96
Benzo(g,h,i)perylene
Concen: 1.664 ng/ul
RT: 26.327 min Scan# 3968
Delta R.T. -0.018 min
Lab File: BN018420.D
Acq: 19 Jan 2022 16:52

Instrument :
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Tgt Ion: 276 Resp: 18710
Ion Ratio Lower Upper
276 100
138 26.8 15.6 23.4
277 26.7 17.8 26.6

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