

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023403.D
 Acq On : 24 Dec 2022 10:39
 Operator : CG/JU
 Sample : N6015-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXU4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 24 23:17:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	7137	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	23861	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.641	164	14195	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	33421	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	22833	0.400	ng/ul	# 0.00
23) Perylene-d12	24.027	264	18020	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	28942	3.732	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	9209	0.250	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	21346	0.258	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.854	128	3950	0.056	ng/ul#	92
7) 2-Methylnaphthalene	12.470	142	3429	0.076	ng/ul	99
8) 1-Methylnaphthalene	12.685	142	2773	0.060	ng/ul	100
15) Phenanthrene	17.428	178	13173	0.121	ng/ul	96
19) Fluoranthene	19.448	202	28661	0.259	ng/ul	95
20) Pyrene	19.811	202	22146m	0.198	ng/ul	
21) Benzo(a)anthracene	21.563	228	13473	0.152	ng/ul#	92
22) Chrysene	21.616	228	16457	0.182	ng/ul#	85
24) Benzo(b)fluoranthene	23.279	252	22999m	0.247	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	7750m	0.089	ng/ul	
26) Benzo(a)pyrene	23.919	252	13712	0.186	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.584	276	11369	0.132	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.594	278	2872	0.043	ng/ul#	13
29) Benzo(g,h,i)perylene	27.375	276	11519	0.164	ng/ul#	55

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

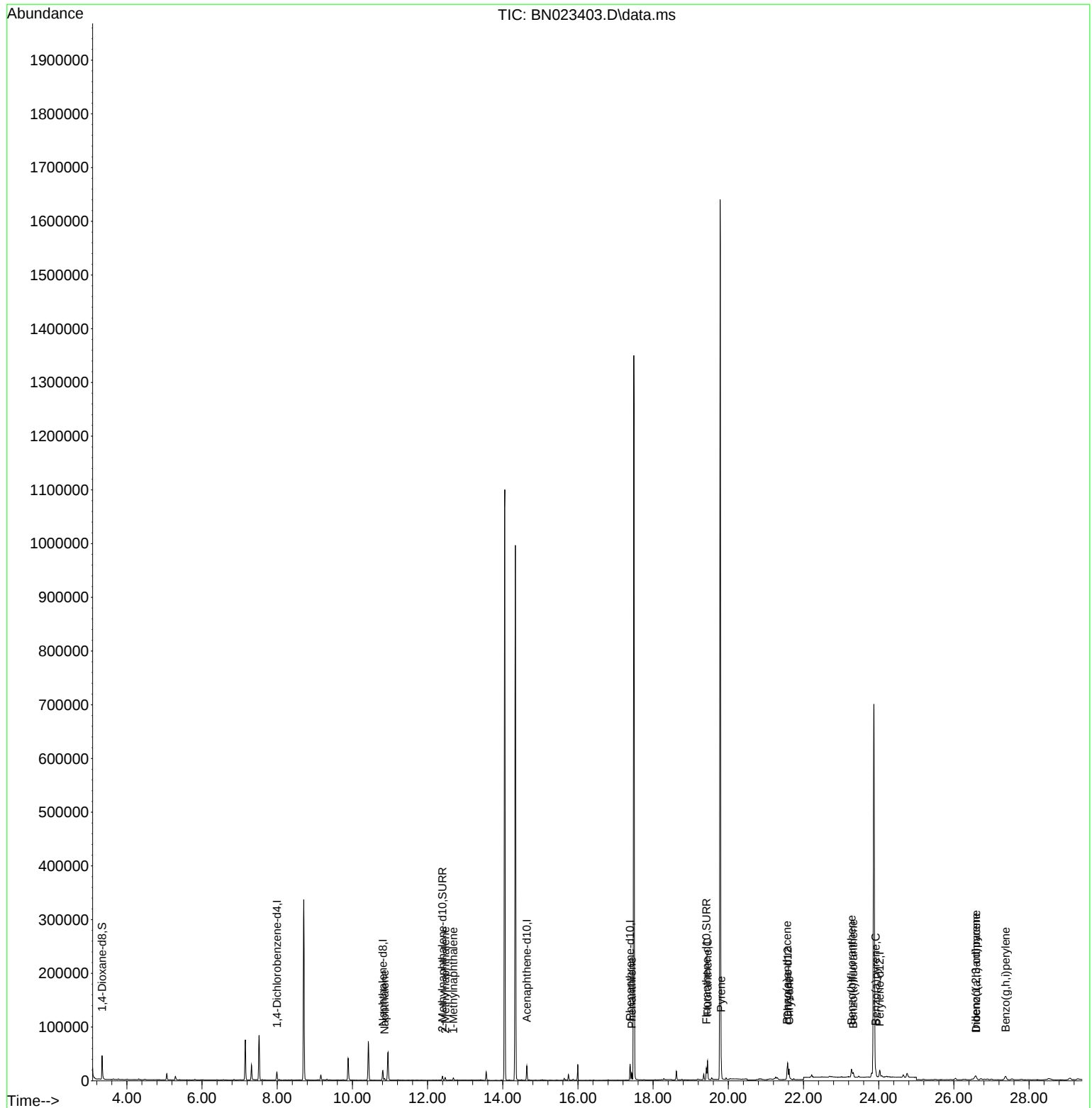
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023403.D
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ALS Vial : 30 Sample Multiplier: 1

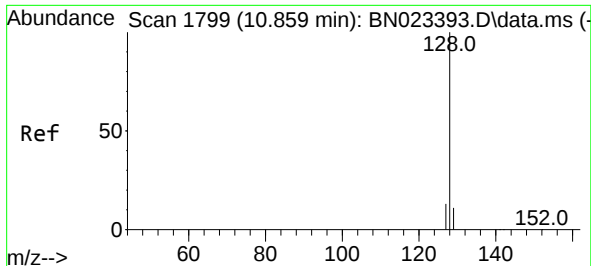
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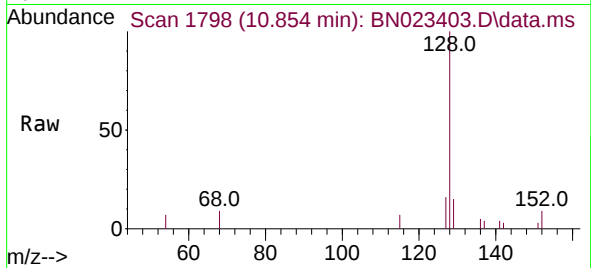
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.056 ng/ul
RT: 10.854 min Scan# 1799
Delta R.T. -0.011 min
Lab File: BN023403.D
Acq: 24 Dec 2022 10:39

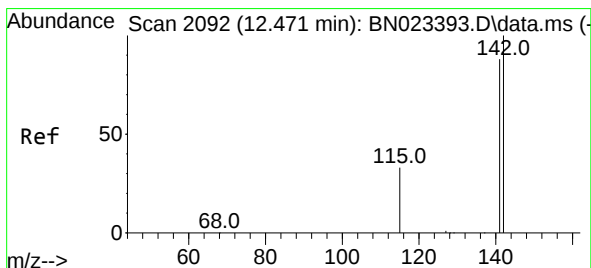
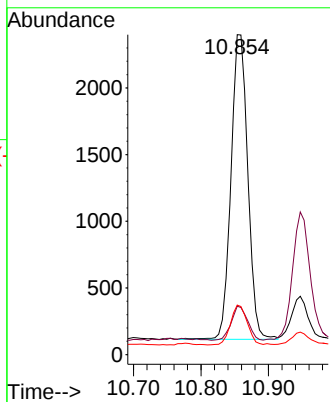
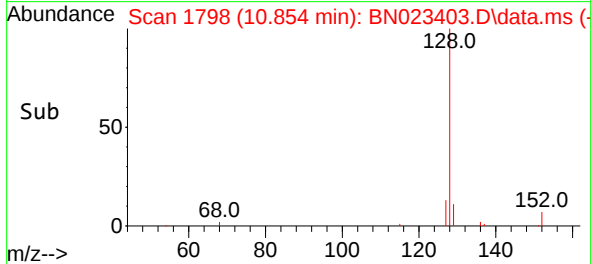
Instrument :
BNA_N
ClientSampleId :
DBXU4



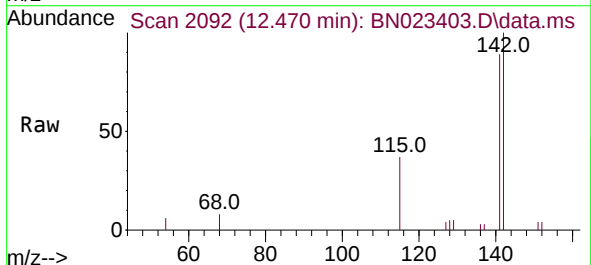
Tgt Ion:128 Resp: 3950
Ion Ratio Lower Upper
128 100
129 15.1 9.0 13.4
127 15.5 10.7 16.1

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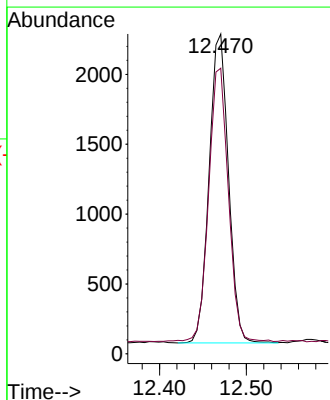
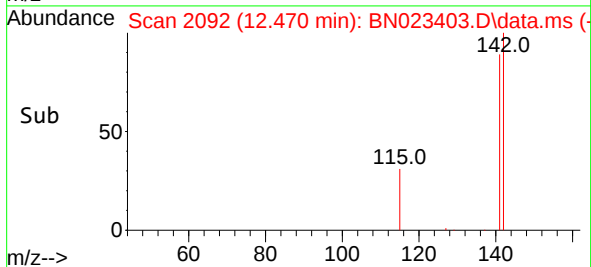
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

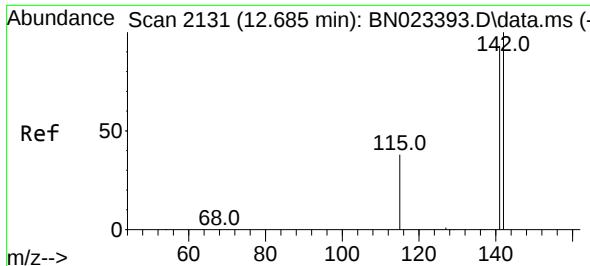


#7
2-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BN023403.D
Acq: 24 Dec 2022 10:39



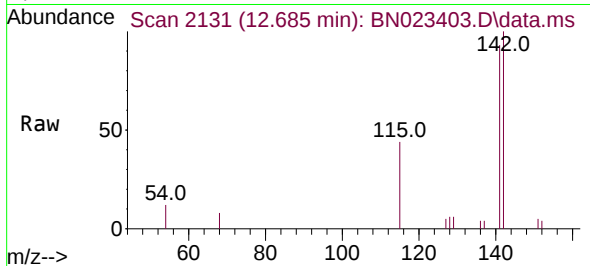
Tgt Ion:142 Resp: 3429
Ion Ratio Lower Upper
142 100
141 90.1 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.685 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BN023403.D
Acq: 24 Dec 2022 10:39

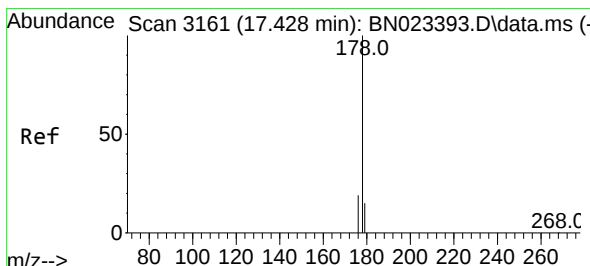
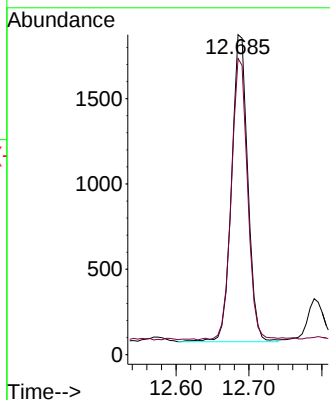
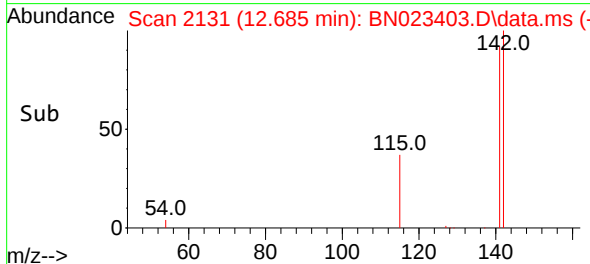
Instrument :
BNA_N
ClientSampleId :
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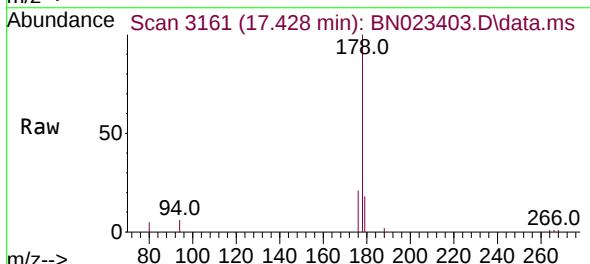
Tgt Ion:142 Resp: 2773
Ion Ratio Lower Upper
142 100
141 92.7 74.0 111.0

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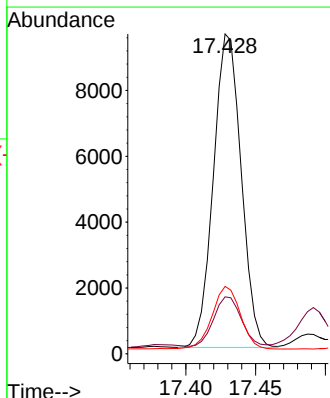
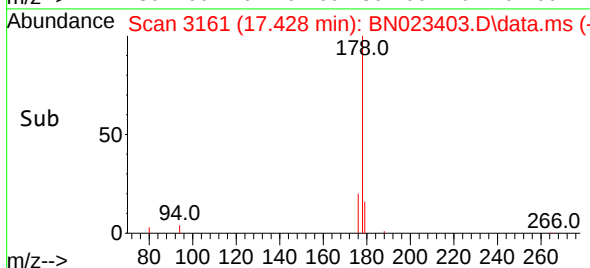
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

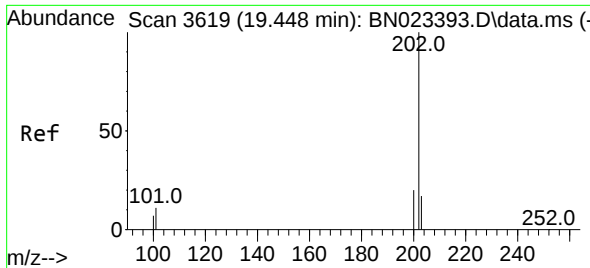


#15
Phenanthrene
Concen: 0.121 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023403.D
Acq: 24 Dec 2022 10:39



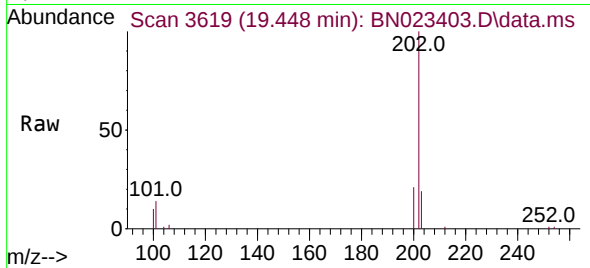
Tgt Ion:178 Resp: 13173
Ion Ratio Lower Upper
178 100
179 17.8 12.5 18.7
176 21.1 15.7 23.5





#19
Fluoranthene
Concen: 0.259 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023403.D
Acq: 24 Dec 2022 10:39

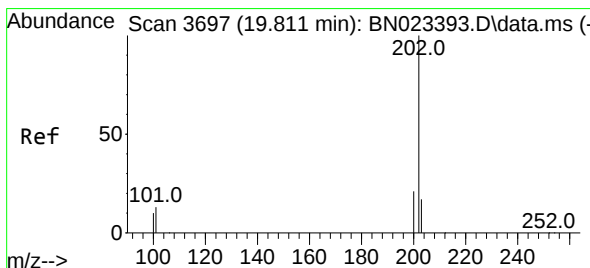
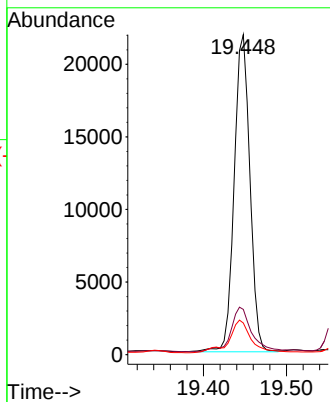
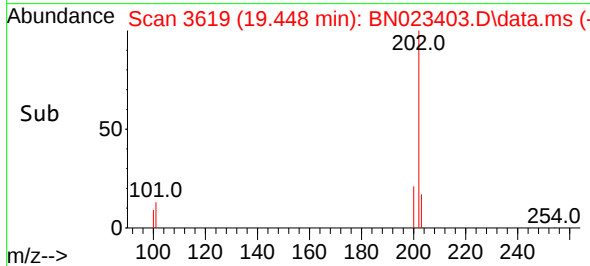
Instrument :
BNA_N
ClientSampleId :
DBXU4



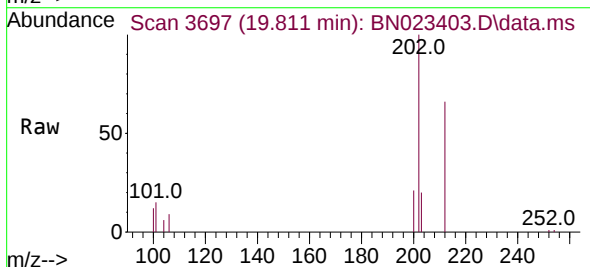
Tgt Ion:202 Resp: 2866
Ion Ratio Lower Upper
202 100
101 14.1 9.4 14.2
100 9.9 7.0 10.6

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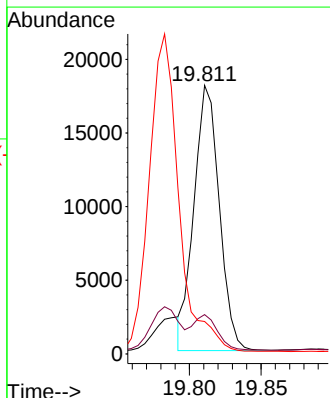
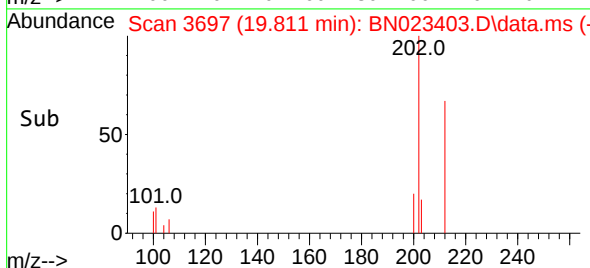
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

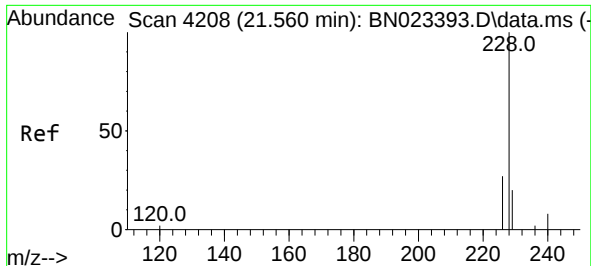


#20
Pyrene
Concen: 0.198 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023403.D
Acq: 24 Dec 2022 10:39



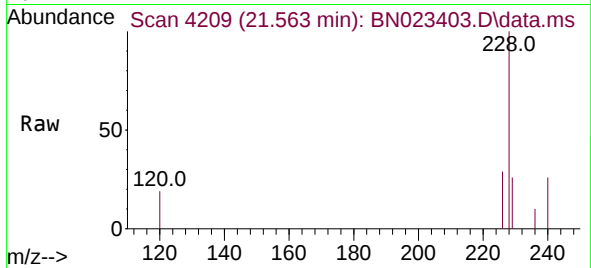
Tgt Ion:202 Resp: 22146
Ion Ratio Lower Upper
202 100
101 14.6 11.3 16.9
100 12.1 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.152 ng/ul
RT: 21.563 min Scan# 4209
Delta R.T. 0.002 min
Lab File: BN023403.D
Acq: 24 Dec 2022 10:39

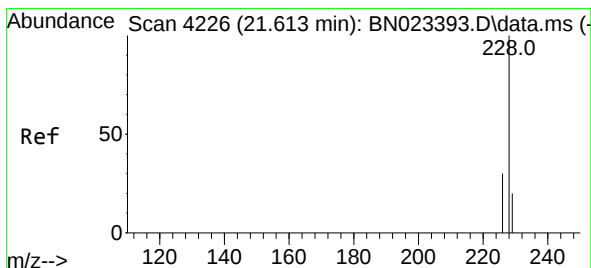
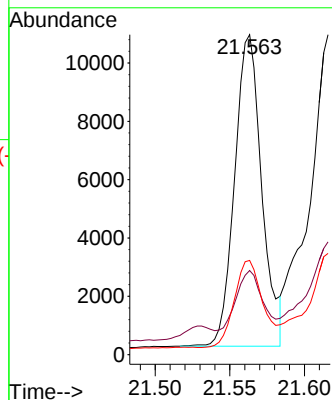
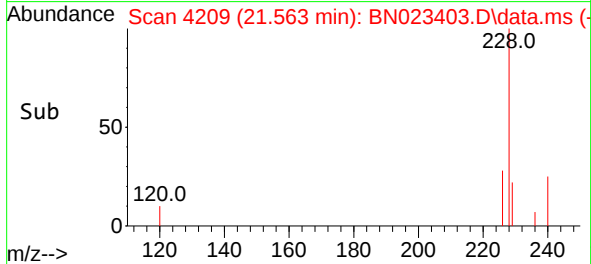
Instrument :
BNA_N
ClientSampleId :
DBXU4



Tgt Ion:228 Resp: 13473
Ion Ratio Lower Upper
228 100
229 26.3 15.6 23.4
226 29.4 22.2 33.2

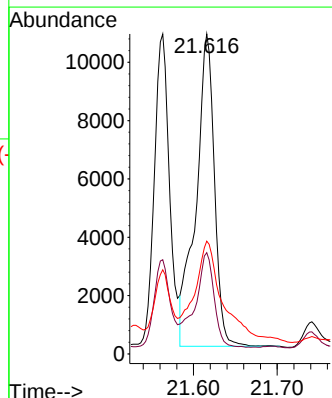
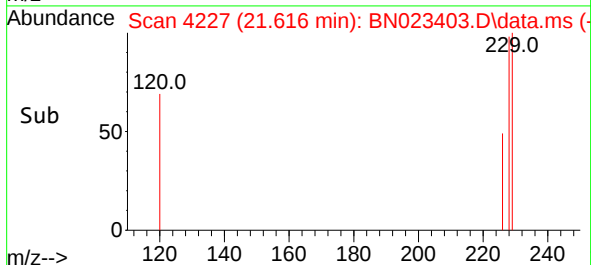
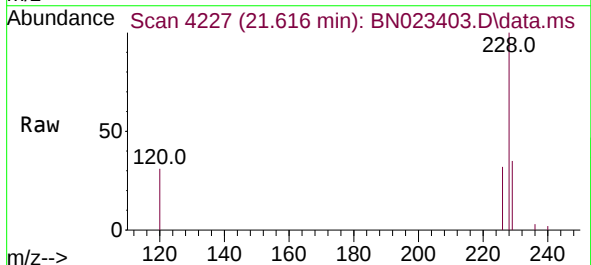
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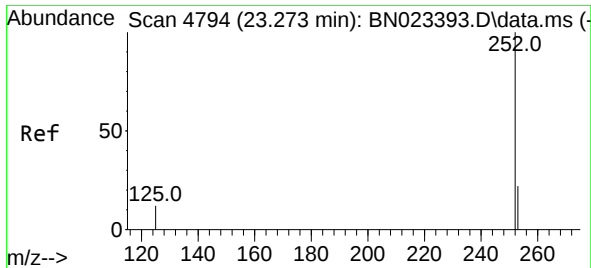
Reviewed By :Jagrut Upadhyay 12/25/2022
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#22
Chrysene
Concen: 0.182 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023403.D
Acq: 24 Dec 2022 10:39

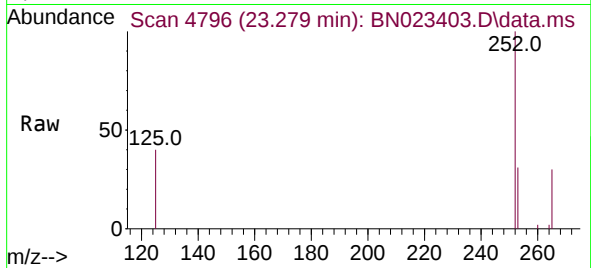
Tgt Ion:228 Resp: 16457
Ion Ratio Lower Upper
228 100
226 31.6 24.3 36.5
229 35.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.247 ng/ul m
RT: 23.279 min Scan# 4796
Delta R.T. 0.005 min
Lab File: BN023403.D
Acq: 24 Dec 2022 10:39

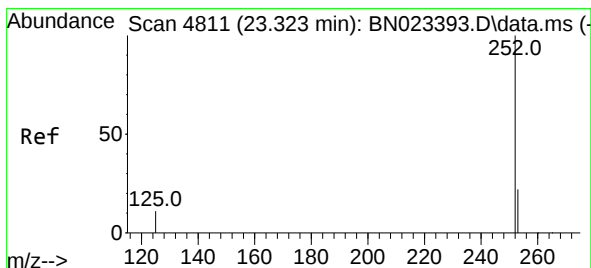
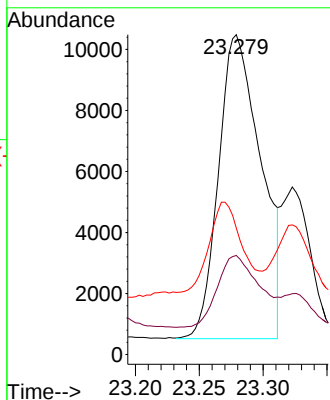
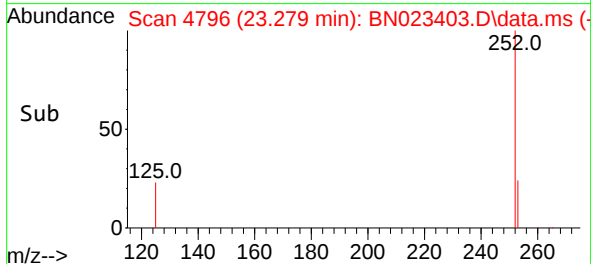
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BNA_N
ClientSampleId :
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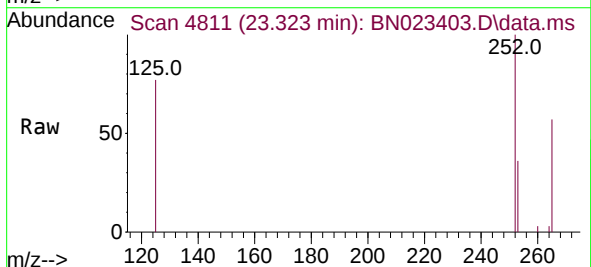
Tgt Ion:252 Resp: 22999
Ion Ratio Lower Upper
252 100
253 31.0 0.0 49.2
125 39.6 0.0 31.8

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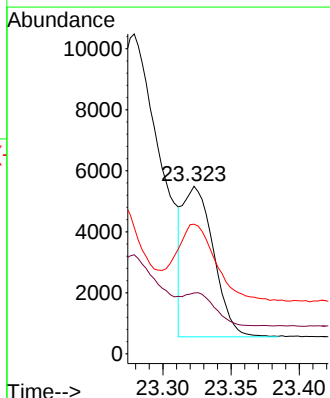
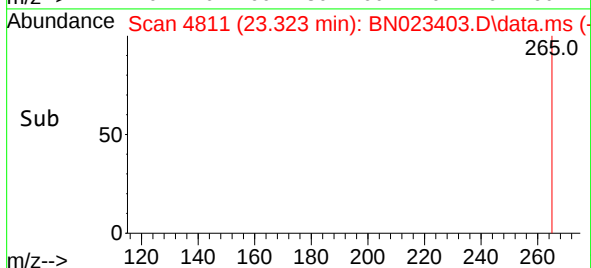
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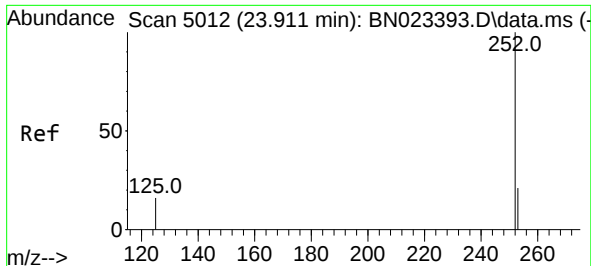


#25
Benzo(k)fluoranthene
Concen: 0.089 ng/ul m
RT: 23.323 min Scan# 4811
Delta R.T. -0.001 min
Lab File: BN023403.D
Acq: 24 Dec 2022 10:39



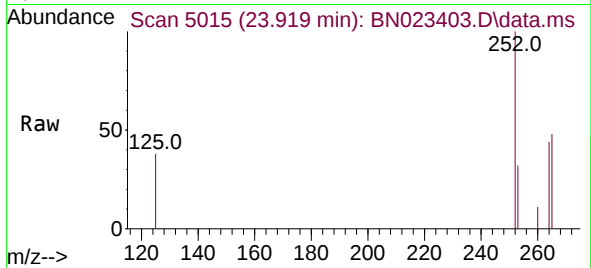
Tgt Ion:252 Resp: 7750
Ion Ratio Lower Upper
252 100
253 36.3 19.8 29.6#
125 77.4 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.186 ng/ul
RT: 23.919 min Scan# 5012
Delta R.T. 0.005 min
Lab File: BN023403.D
Acq: 24 Dec 2022 10:39

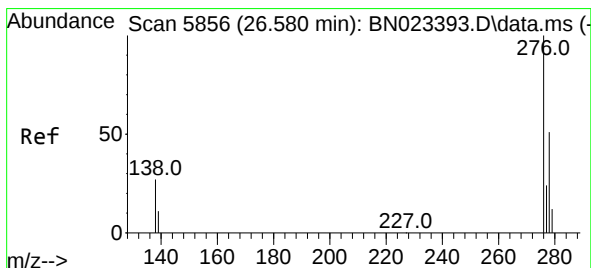
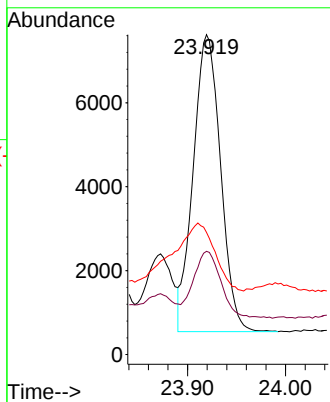
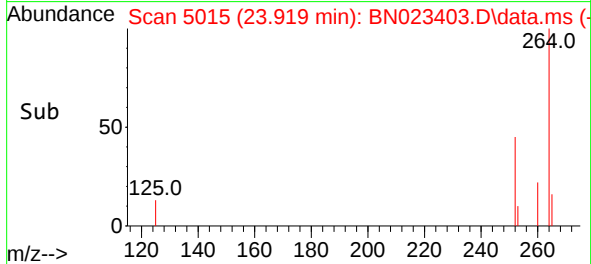
Instrument :
BNA_N
ClientSampleId :
DBXU4



Tgt Ion:252 Resp: 13712
Ion Ratio Lower Upper
252 100
253 32.3 21.4 32.2#
125 38.2 16.2 24.4#

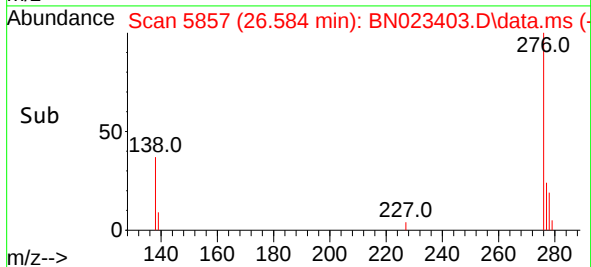
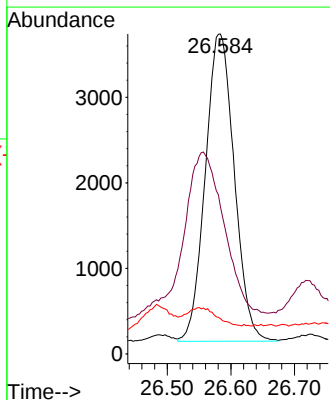
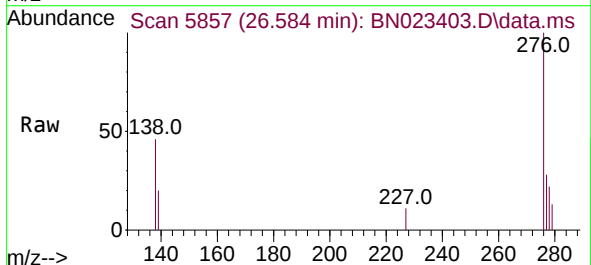
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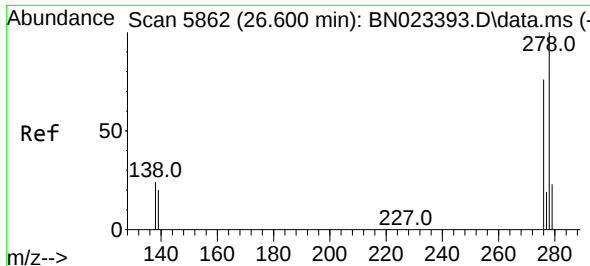
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.132 ng/ul
RT: 26.584 min Scan# 5857
Delta R.T. 0.006 min
Lab File: BN023403.D
Acq: 24 Dec 2022 10:39

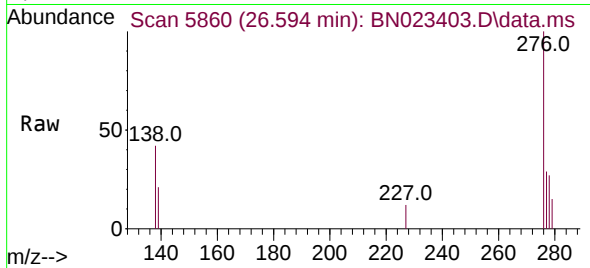
Tgt Ion:276 Resp: 11369
Ion Ratio Lower Upper
276 100
138 0.0 23.4 35.2#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.043 ng/ul
RT: 26.594 min Scan# 5862
Delta R.T. -0.008 min
Lab File: BN023403.D
Acq: 24 Dec 2022 10:39

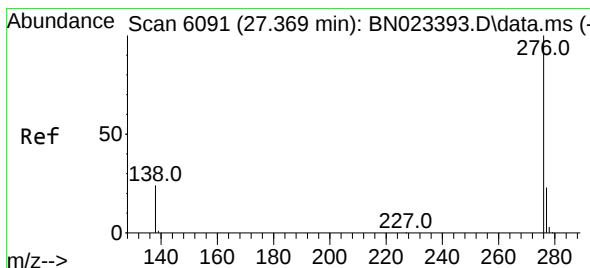
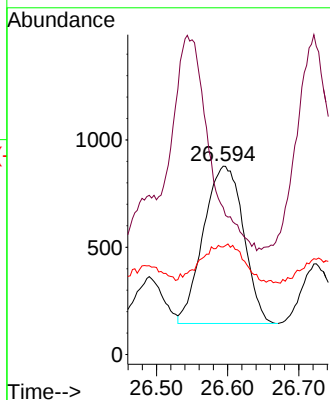
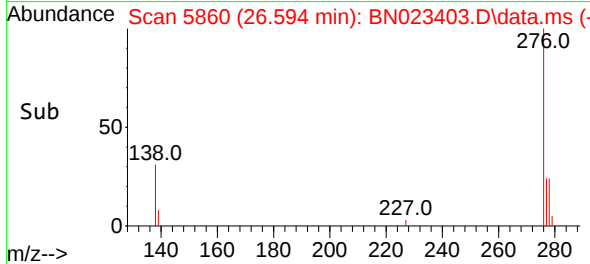
Instrument :
BNA_N
ClientSampleId :
DBXU4



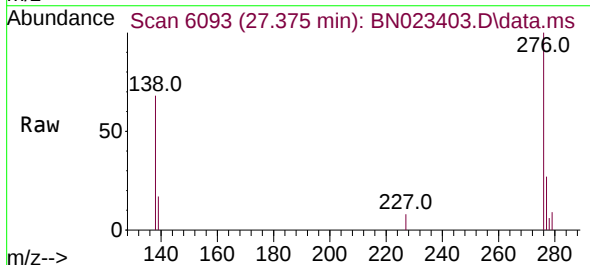
Tgt Ion:278 Resp: 2872
Ion Ratio Lower Upper
278 100
139 78.1 16.6 24.8#
279 57.1 21.3 31.9#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.164 ng/ul
RT: 27.375 min Scan# 6093
Delta R.T. 0.006 min
Lab File: BN023403.D
Acq: 24 Dec 2022 10:39



Tgt Ion:276 Resp: 11519
Ion Ratio Lower Upper
276 100
138 67.9 20.3 30.5#
277 26.6 19.7 29.5

