

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023404.D
 Acq On : 24 Dec 2022 11:15
 Operator : CG/JU
 Sample : N6015-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXU5

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 23:17:54 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	6917	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	22946	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.641	164	13488	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	32047	0.400	ng/ul	0.00
17) Chrysene-d12	21.581	240	23928	0.400	ng/ul	# 0.00
23) Perylene-d12	24.028	264	19021	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	28032	3.730	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.394	152	8786	0.248	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	20874	0.241	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.859	128	2106	0.031	ng/ul#	87
7) 2-Methylnaphthalene	12.471	142	1795	0.042	ng/ul	100
8) 1-Methylnaphthalene	12.685	142	1409	0.032	ng/ul	95
15) Phenanthrene	17.428	178	7602	0.073	ng/ul#	93
19) Fluoranthene	19.448	202	20341	0.175	ng/ul#	92
20) Pyrene	19.811	202	16275m	0.139	ng/ul	
21) Benzo(a)anthracene	21.563	228	10089	0.108	ng/ul#	91
22) Chrysene	21.616	228	12619	0.133	ng/ul#	87
24) Benzo(b)fluoranthene	23.279	252	16567m	0.168	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	6012m	0.065	ng/ul	
26) Benzo(a)pyrene	23.919	252	9601	0.123	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	26.580	276	7759	0.085	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.594	278	2061	0.029	ng/ul#	1
29) Benzo(g,h,i)perylene	27.375	276	7816	0.105	ng/ul#	35

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

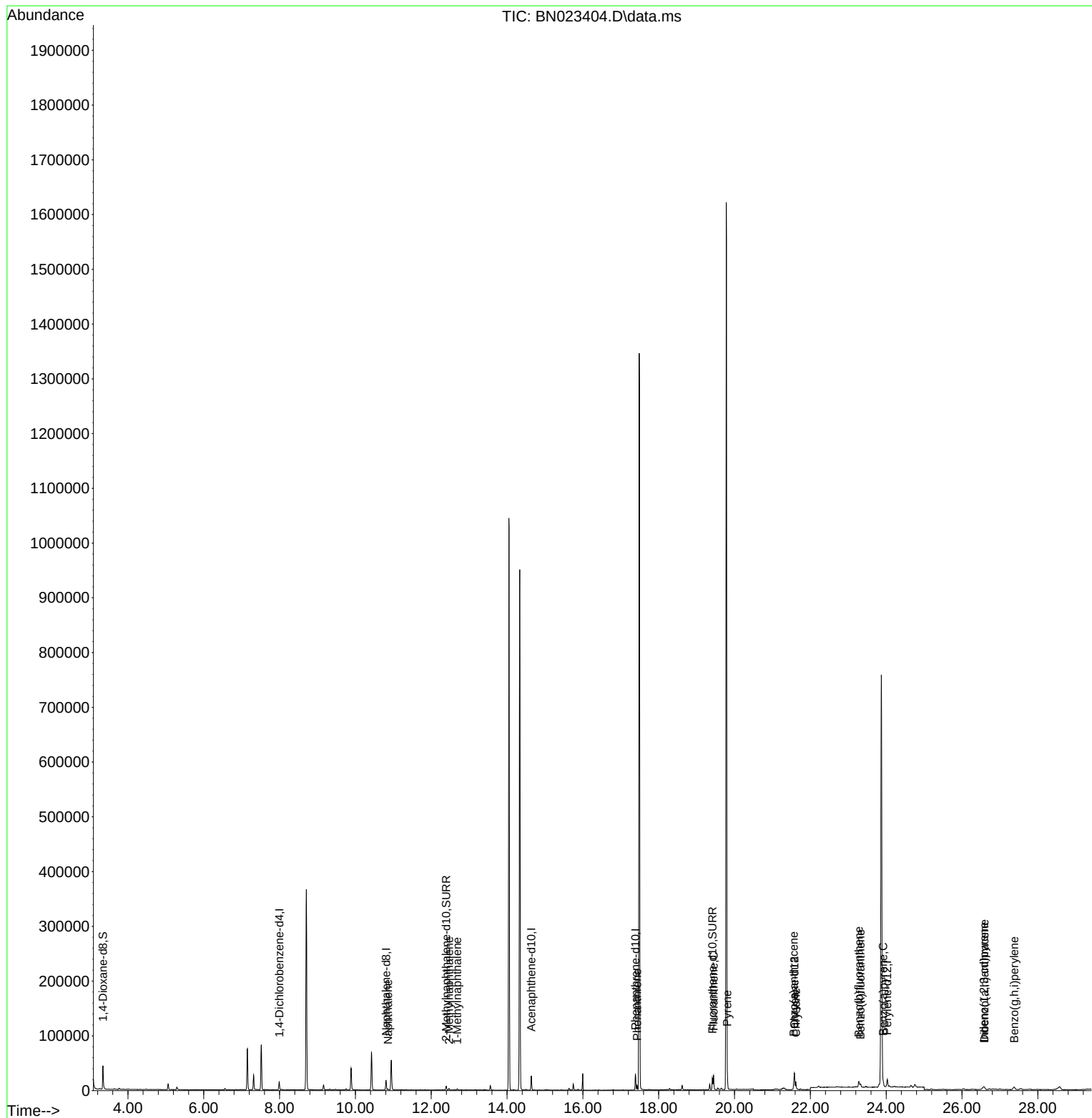
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023404.D
Acq On : 24 Dec 2022 11:15
Operator : CG/JU
Sample : N6015-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

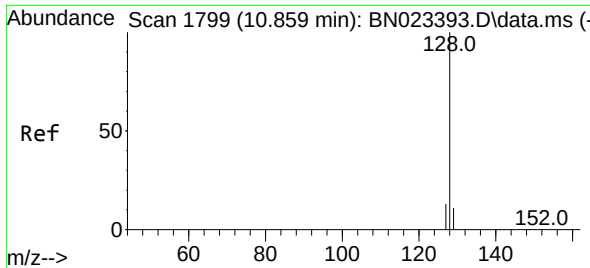
Instrument :
BNA_N
ClientSampleId :
DBXU5

Manual Integrations
APPROVED

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

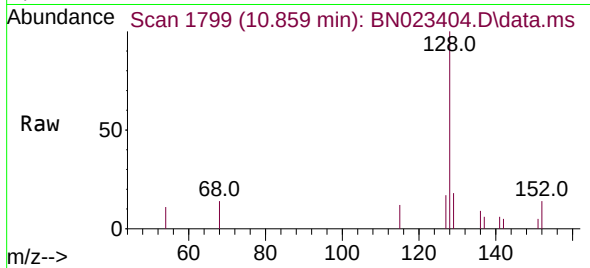
Quant Time: Dec 24 23:17:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.859 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BN023404.D
Acq: 24 Dec 2022 11:15

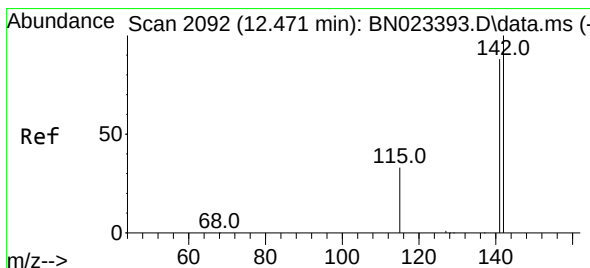
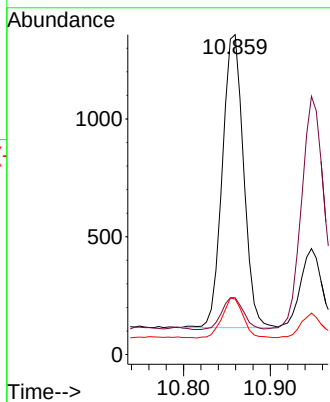
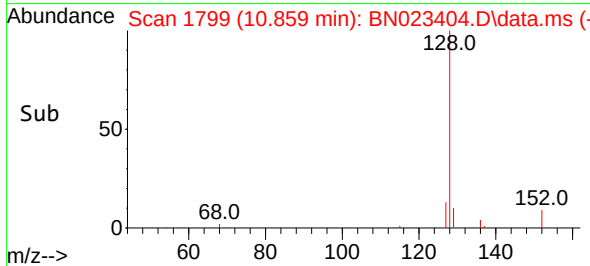
Instrument :
BNA_N
ClientSampleId :
DBXU5



Tgt Ion:128 Resp: 2100
Ion Ratio Lower Upper
128 100
129 17.7 9.0 13.4
127 17.4 10.7 16.1

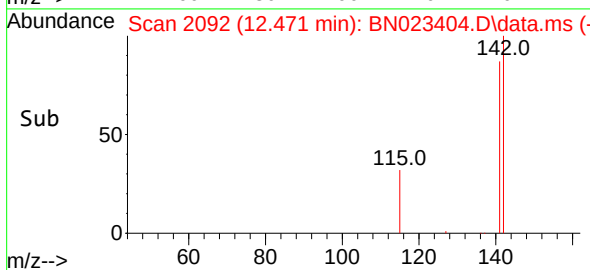
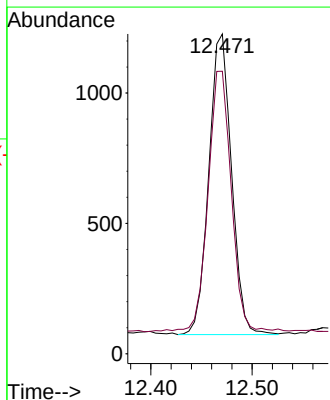
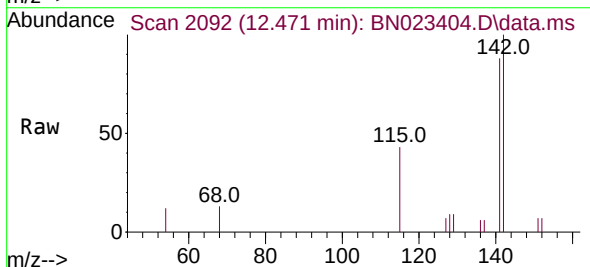
Manual Integrations
APPROVED

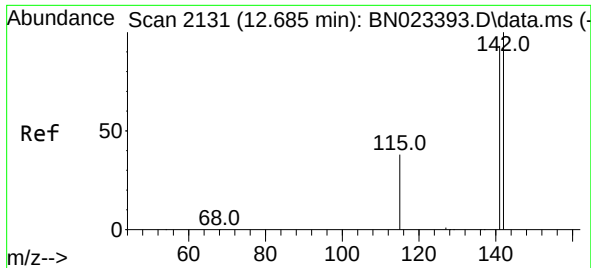
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#7
2-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.471 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BN023404.D
Acq: 24 Dec 2022 11:15

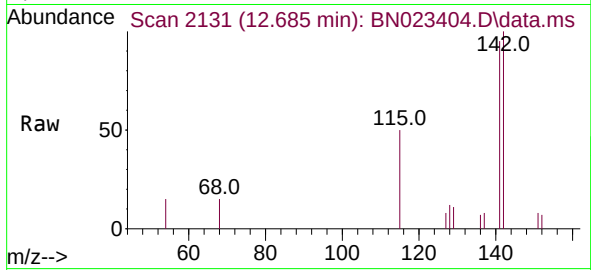
Tgt Ion:142 Resp: 1795
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.685 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BN023404.D
Acq: 24 Dec 2022 11:15

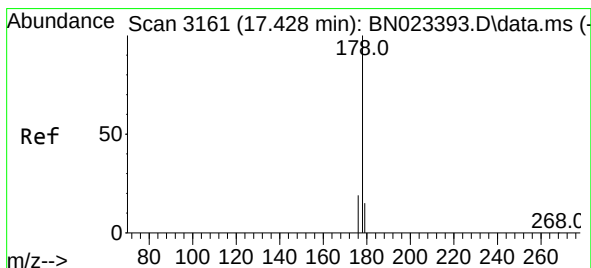
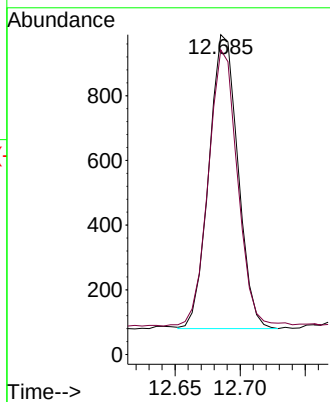
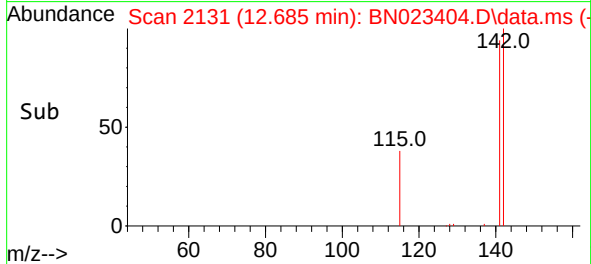
Instrument :
BNA_N
ClientSampleId :
DBXU5



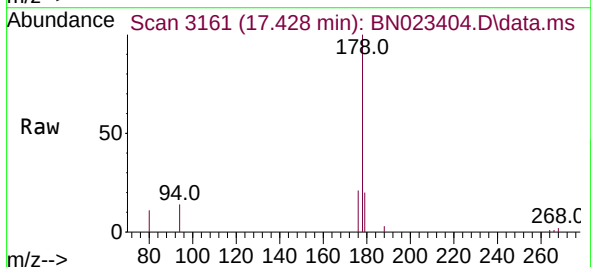
Tgt Ion:142 Resp: 1409
Ion Ratio Lower Upper
142 100
141 97.5 74.0 111.0

Manual Integrations
APPROVED

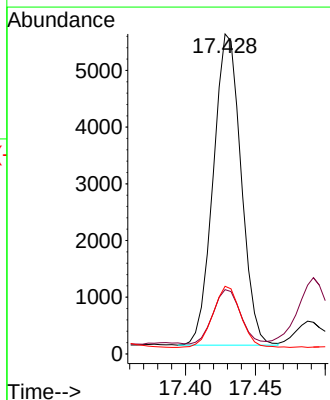
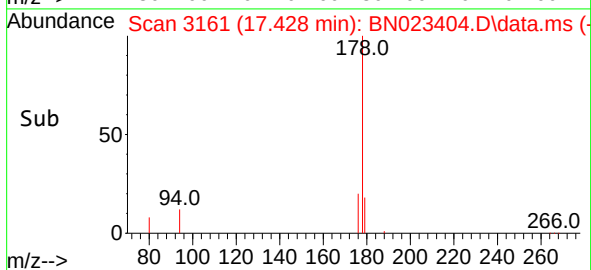
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

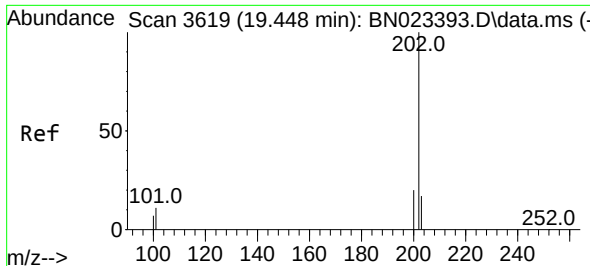


#15
Phenanthrene
Concen: 0.073 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023404.D
Acq: 24 Dec 2022 11:15



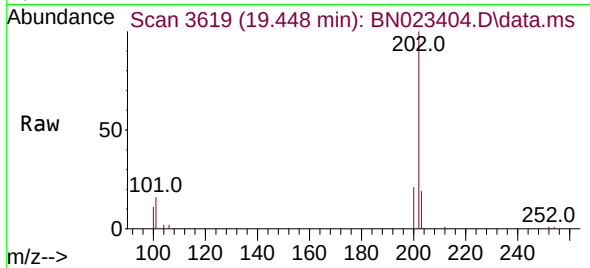
Tgt Ion:178 Resp: 7602
Ion Ratio Lower Upper
178 100
179 20.1 12.5 18.7#
176 21.1 15.7 23.5





#19
Fluoranthene
Concen: 0.175 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023404.D
Acq: 24 Dec 2022 11:15

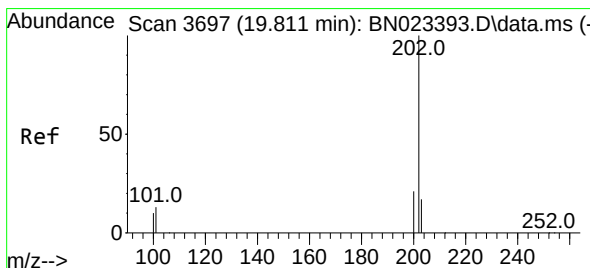
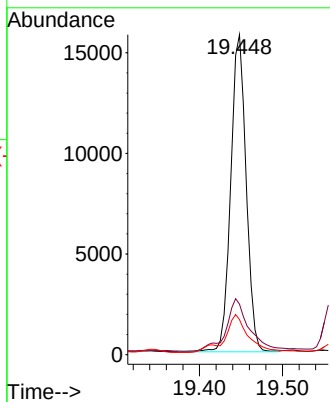
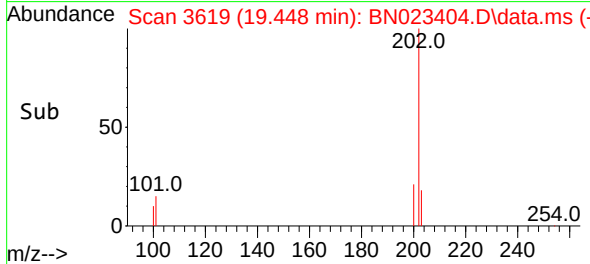
Instrument :
BNA_N
ClientSampleId :
DBXU5



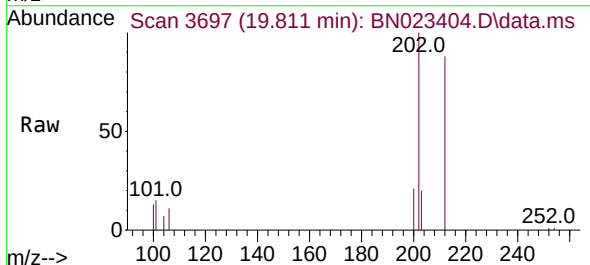
Tgt Ion:202 Resp: 2034
Ion Ratio Lower Upper
202 100
101 15.8 9.4 14.2
100 10.9 7.0 10.6

Manual Integrations
APPROVED

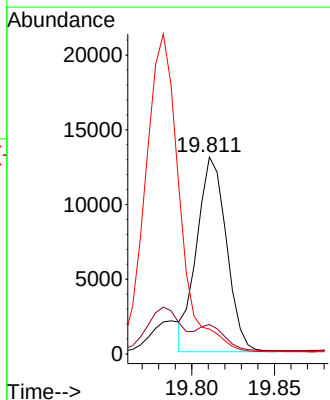
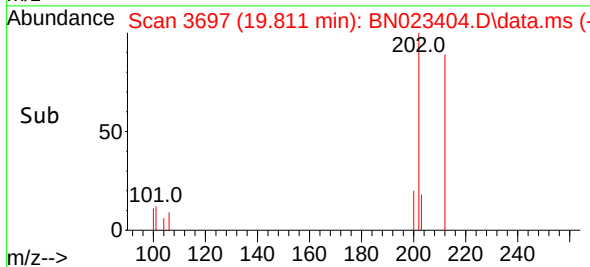
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

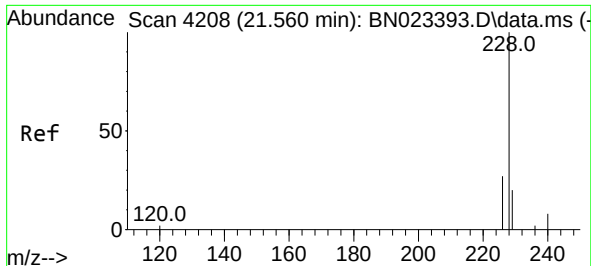


#20
Pyrene
Concen: 0.139 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023404.D
Acq: 24 Dec 2022 11:15



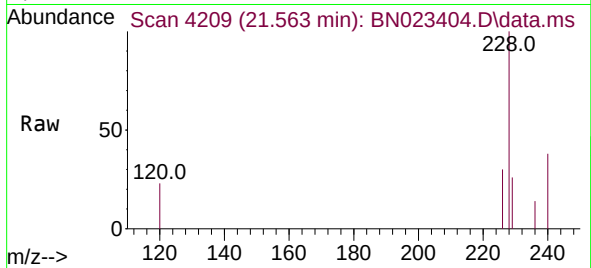
Tgt Ion:202 Resp: 16275
Ion Ratio Lower Upper
202 100
101 15.0 11.3 16.9
100 12.5 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.108 ng/u1
RT: 21.563 min Scan# 4209
Delta R.T. 0.002 min
Lab File: BN023404.D
Acq: 24 Dec 2022 11:15

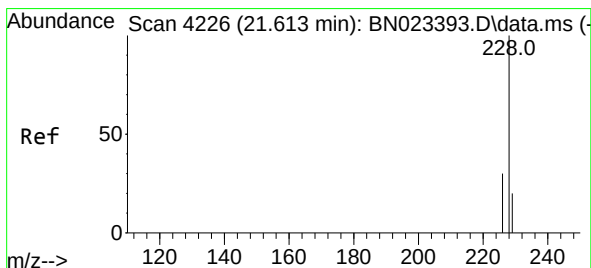
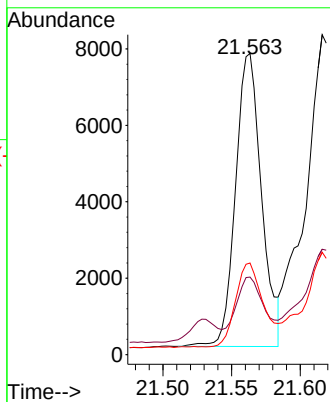
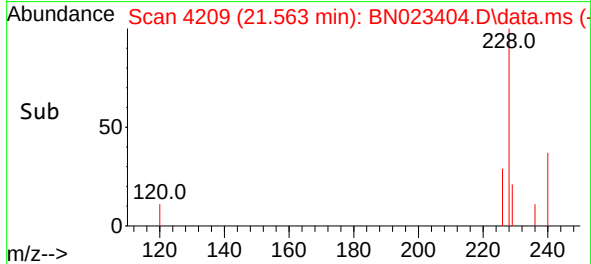
Instrument :
BNA_N
ClientSampleId :
DBXU5



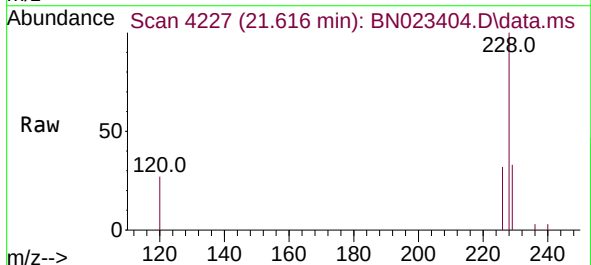
Tgt Ion:228 Resp: 10089
Ion Ratio Lower Upper
228 100
229 25.7 15.6 23.4#
226 30.4 22.2 33.2

Manual Integrations
APPROVED

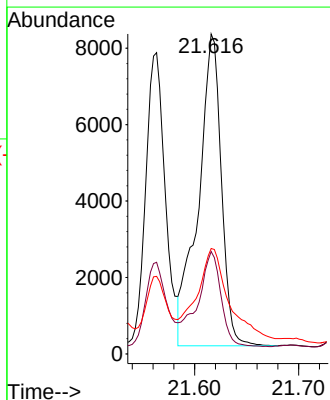
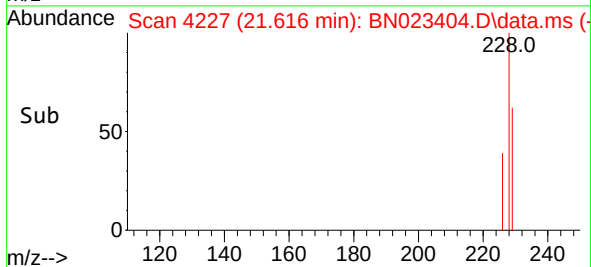
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

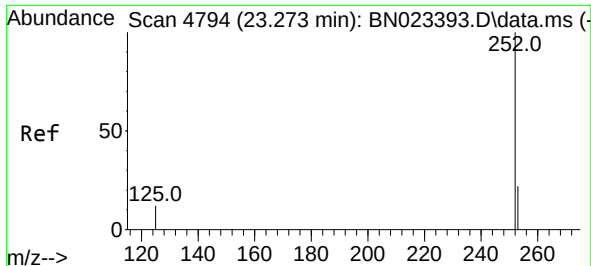


#22
Chrysene
Concen: 0.133 ng/u1
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023404.D
Acq: 24 Dec 2022 11:15



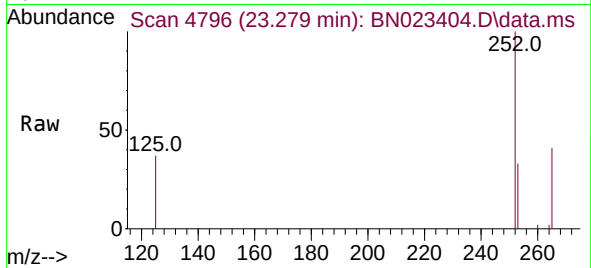
Tgt Ion:228 Resp: 12619
Ion Ratio Lower Upper
228 100
226 32.0 24.3 36.5
229 32.9 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.168 ng/ul m
RT: 23.279 min Scan# 4794
Delta R.T. 0.005 min
Lab File: BN023404.D
Acq: 24 Dec 2022 11:15

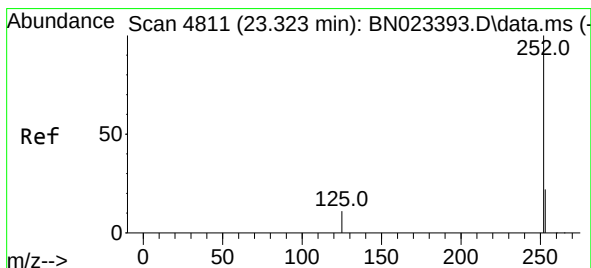
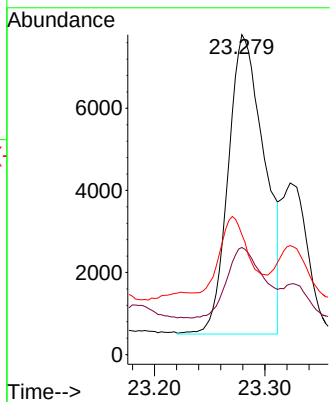
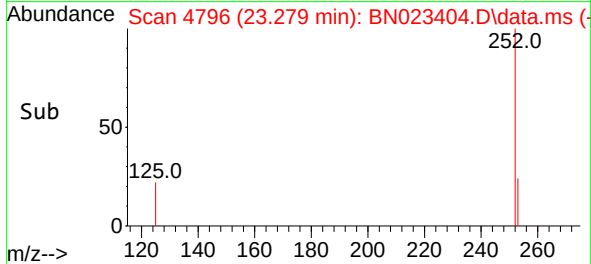
Instrument :
BNA_N
ClientSampleId :
DBXU5



Tgt Ion:252 Resp: 16562
Ion Ratio Lower Upper
252 100
253 33.5 0.0 49.2
125 37.5 0.0 31.8

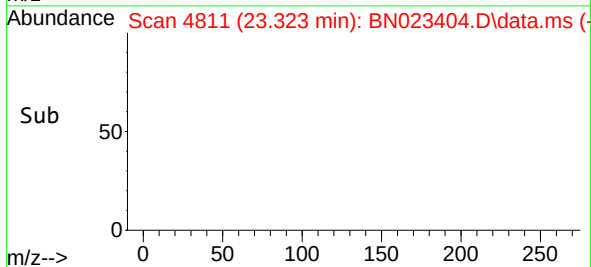
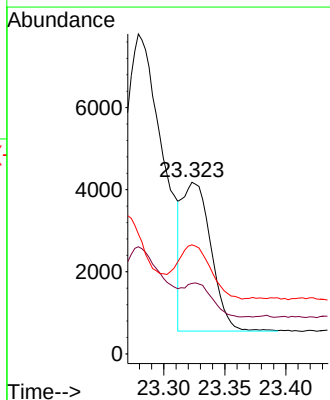
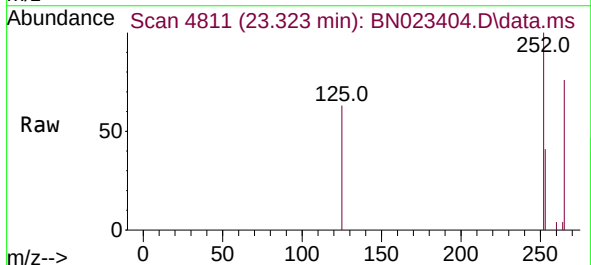
Manual Integrations
APPROVED

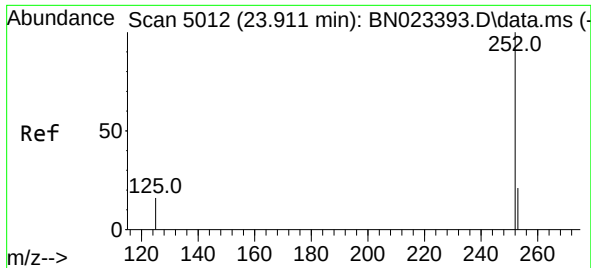
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.065 ng/ul m
RT: 23.323 min Scan# 4811
Delta R.T. -0.001 min
Lab File: BN023404.D
Acq: 24 Dec 2022 11:15

Tgt Ion:252 Resp: 6012
Ion Ratio Lower Upper
252 100
253 41.1 19.8 29.6#
125 63.5 12.6 18.8#





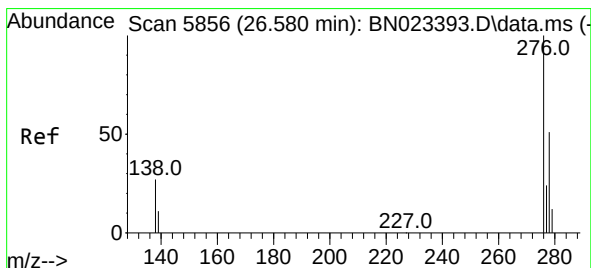
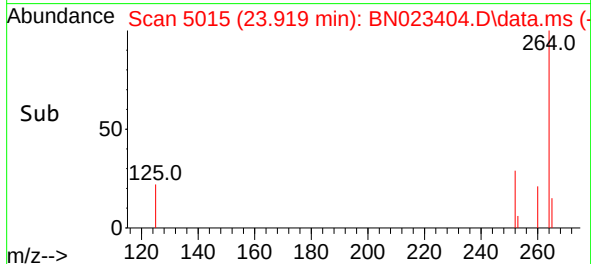
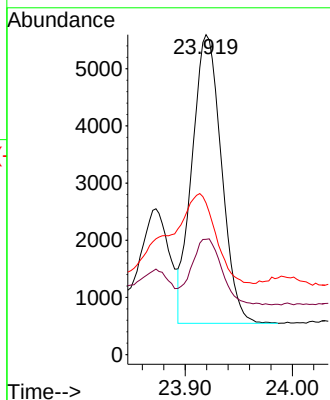
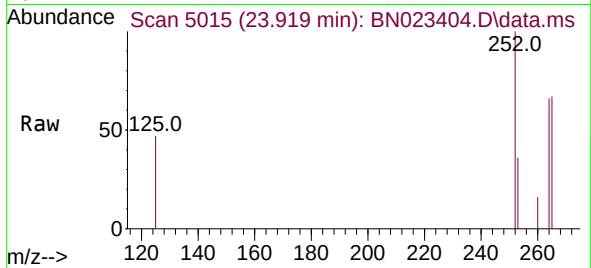
#26
Benzo(a)pyrene
Concen: 0.123 ng/ul
RT: 23.919 min Scan# 5012
Delta R.T. 0.005 min
Lab File: BN023404.D
Acq: 24 Dec 2022 11:15

Instrument :
BNA_N
ClientSampleId :
DBXU5

Tgt Ion:252 Resp: 9601
Ion Ratio Lower Upper
252 100
253 36.0 21.4 32.2#
125 47.4 16.2 24.4#

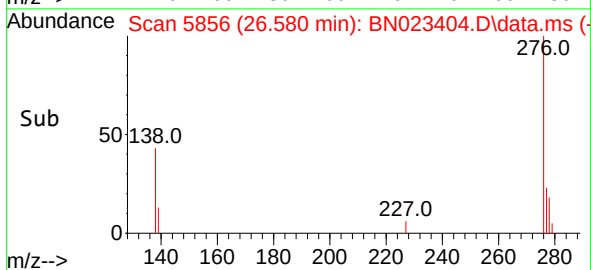
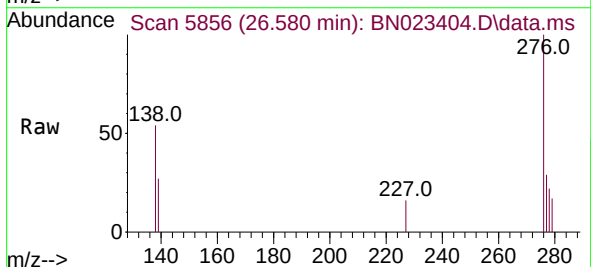
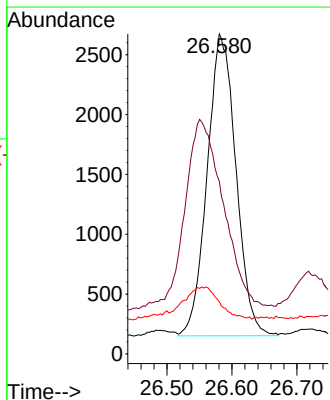
Manual Integrations
APPROVED

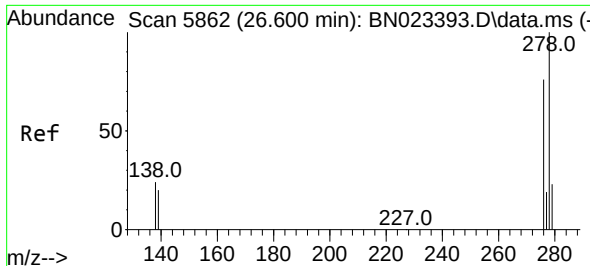
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.085 ng/ul
RT: 26.580 min Scan# 5856
Delta R.T. 0.003 min
Lab File: BN023404.D
Acq: 24 Dec 2022 11:15

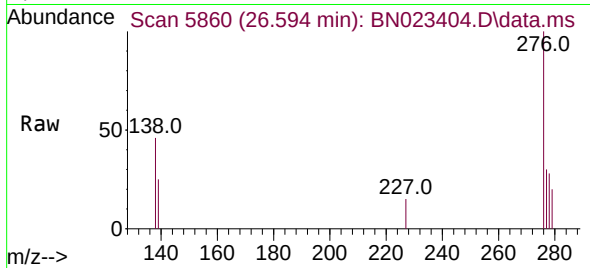
Tgt Ion:276 Resp: 7759
Ion Ratio Lower Upper
276 100
138 0.0 23.4 35.2#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul
RT: 26.594 min Scan# 5862
Delta R.T. -0.007 min
Lab File: BN023404.D
Acq: 24 Dec 2022 11:15

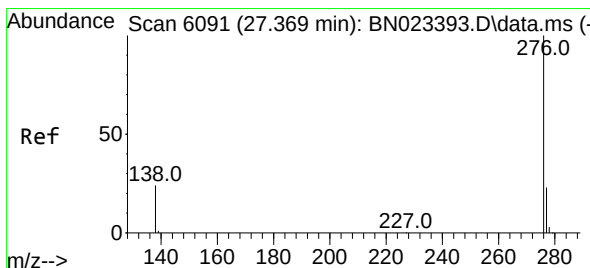
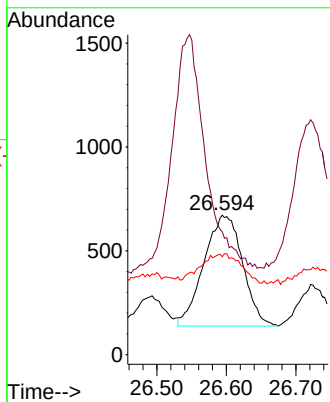
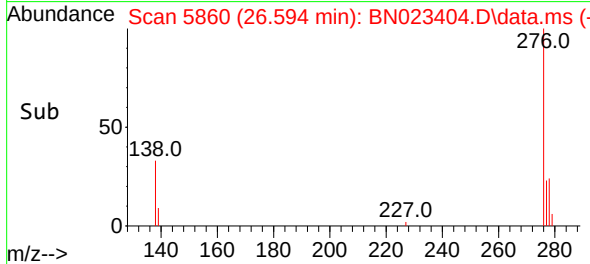
Instrument :
BNA_N
ClientSampleId :
DBXU5



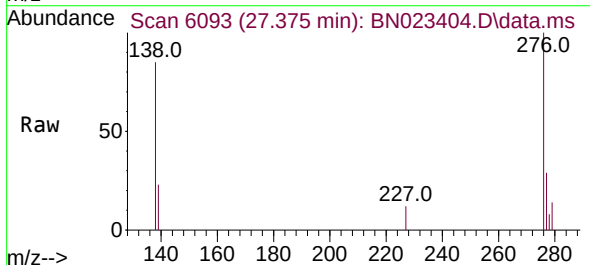
Tgt Ion:278 Resp: 2061
Ion Ratio Lower Upper
278 100
139 88.1 16.6 24.8
279 70.2 21.3 31.9

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.105 ng/ul
RT: 27.375 min Scan# 6093
Delta R.T. 0.006 min
Lab File: BN023404.D
Acq: 24 Dec 2022 11:15



Tgt Ion:276 Resp: 7816
Ion Ratio Lower Upper
276 100
138 85.3 20.3 30.5
277 29.2 19.7 29.5

