

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023421.D
 Acq On : 24 Dec 2022 21:26
 Operator : CG/JU
 Sample : N6015-20
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXZ9

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 04:20:34 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)

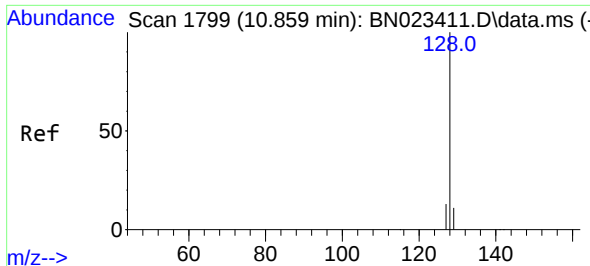
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	6279	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	20724	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.636	164	12255	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.386	188	28796	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	19167	0.400	ng/ul	# 0.00
23) Perylene-d12	24.023	264	14849	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	22984	3.369	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	8162	0.255	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	19408	0.280	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.854	128	1604	0.026	ng/ul#	82
7) 2-Methylnaphthalene	12.465	142	795	0.020	ng/ul	96
10) Acenaphthylene	14.358	152	1294	0.024	ng/ul#	75
15) Phenanthrene	17.428	178	15553	0.166	ng/ul	98
16) Anthracene	17.521	178	2226	0.029	ng/ul#	84
19) Fluoranthene	19.443	202	49352	0.531	ng/ul#	94
20) Pyrene	19.811	202	37550m	0.401	ng/ul	
21) Benzo(a)anthracene	21.556	228	21242	0.285	ng/ul	95
22) Chrysene	21.612	228	25695	0.339	ng/ul#	95
24) Benzo(b)fluoranthene	23.272	252	37263m	0.485	ng/ul	
25) Benzo(k)fluoranthene	23.316	252	11814m	0.164	ng/ul	
26) Benzo(a)pyrene	23.915	252	21855	0.359	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.579	276	18620	0.262	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.592	278	4609	0.084	ng/ul#	47
29) Benzo(g,h,i)perylene	27.370	276	18875	0.326	ng/ul#	92

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

Manual Integrations

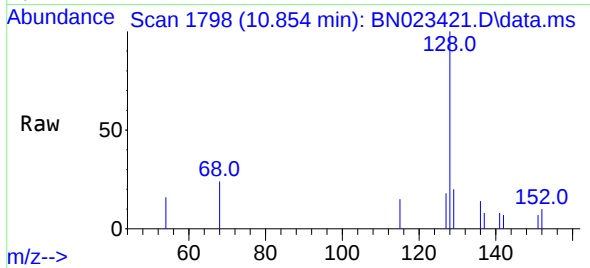
Quant Time: Dec 25 04:20:34 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.854 min Scan# 1799
Delta R.T. -0.011 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

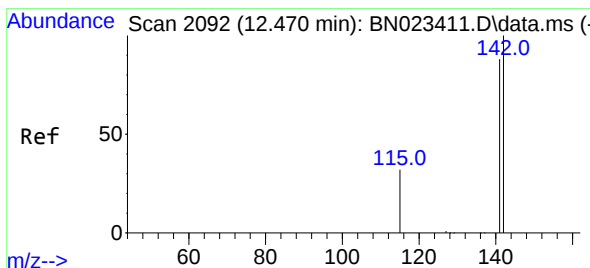
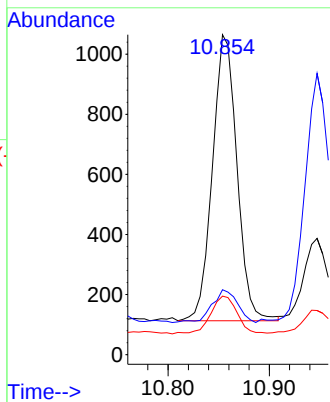
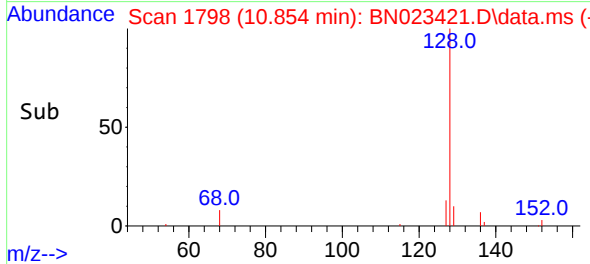
Instrument :
BNA_N
ClientSampleId :
DBXZ9



Tgt Ion:128 Resp: 1604
Ion Ratio Lower Upper
128 100
129 20.3 9.0 13.4
127 18.3 10.7 16.1

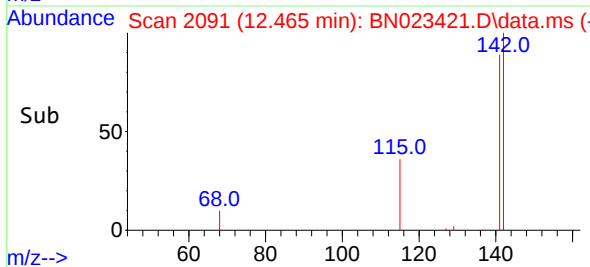
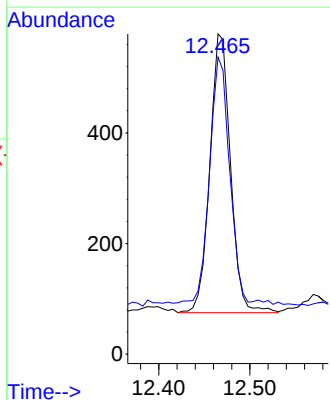
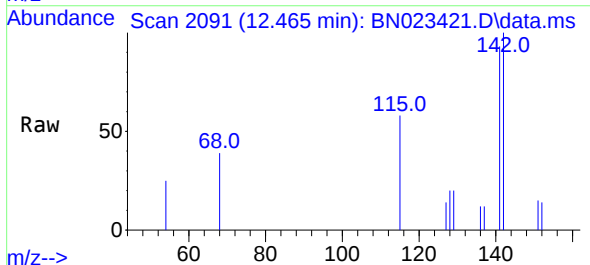
Manual Integrations
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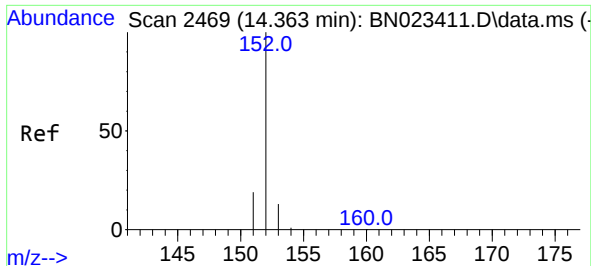
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

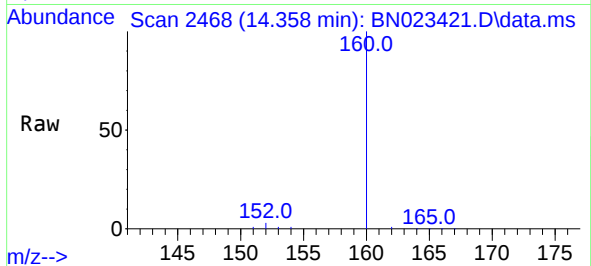
Tgt Ion:142 Resp: 795
Ion Ratio Lower Upper
142 100
141 85.9 71.4 107.2





#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.358 min Scan# 2469
Delta R.T. -0.010 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

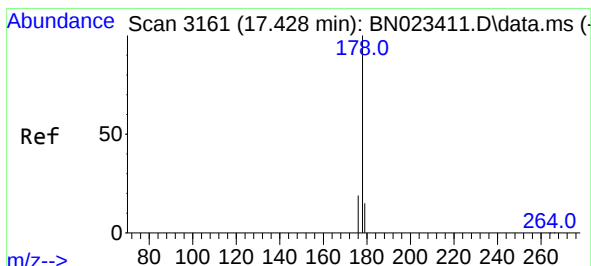
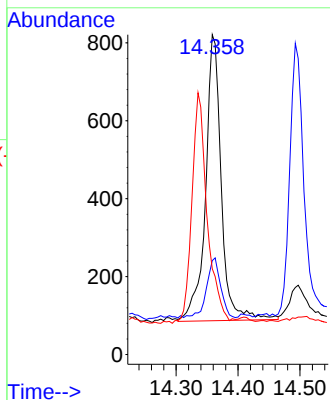
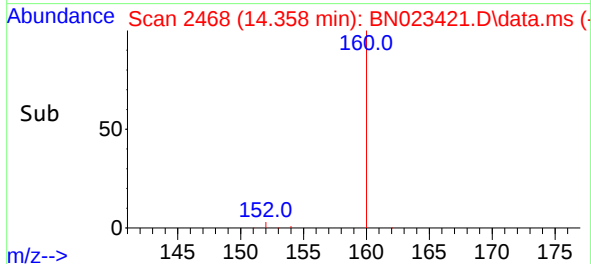
Instrument :
BNA_N
ClientSampleId :
DBXZ9



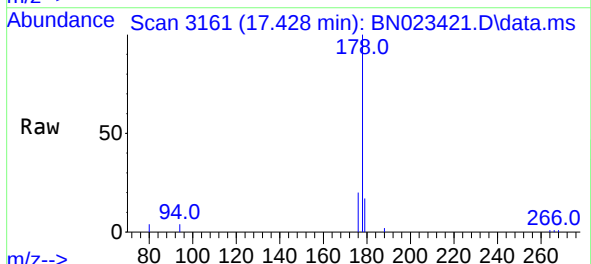
Tgt Ion:152 Resp: 1294
Ion Ratio Lower Upper
152 100
151 29.4 16.1 24.1
153 26.8 10.9 16.3

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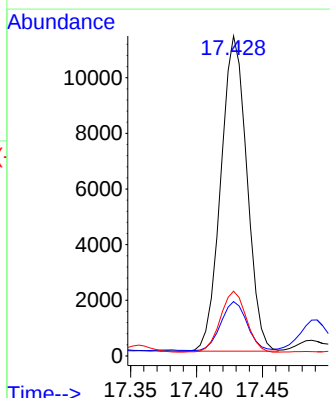
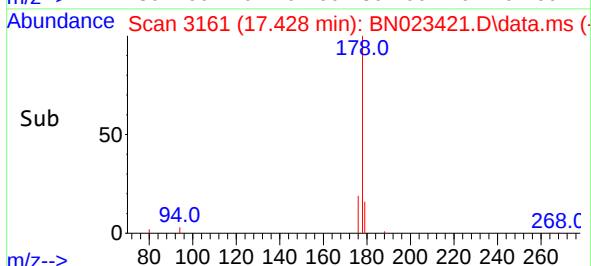
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

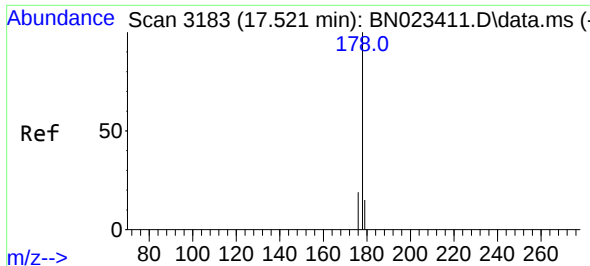


#15
Phenanthrene
Concen: 0.166 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26



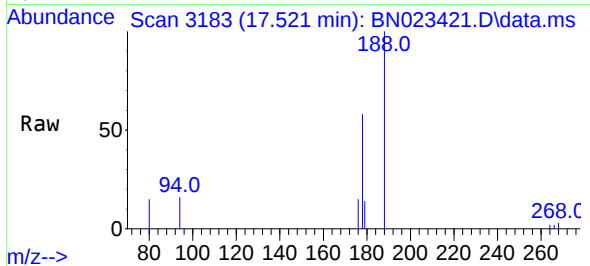
Tgt Ion:178 Resp: 15553
Ion Ratio Lower Upper
178 100
179 17.0 12.5 18.7
176 20.3 15.7 23.5





#16
 Anthracene
 Concen: 0.029 ng/ul
 RT: 17.521 min Scan# 3183
 Delta R.T. -0.005 min
 Lab File: BN023421.D
 Acq: 24 Dec 2022 21:26

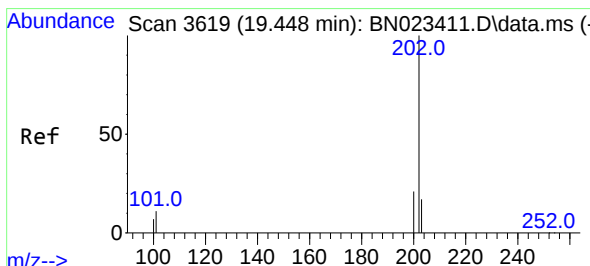
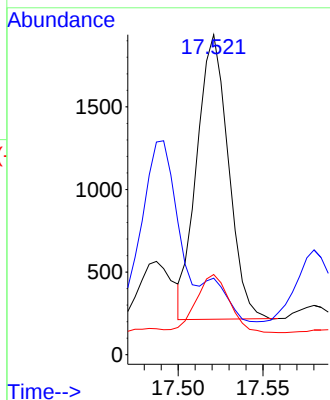
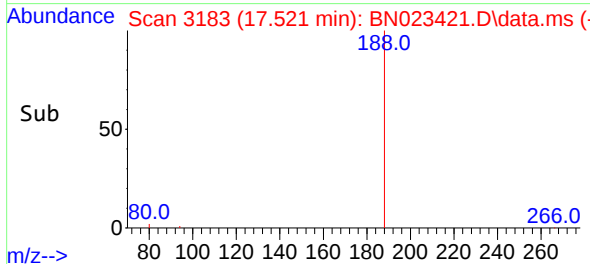
Instrument :
 BNA_N
 ClientSampleId :
 DBXZ9



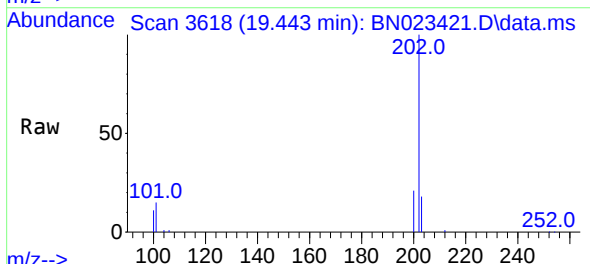
Tgt Ion:178 Resp: 2220
 Ion Ratio Lower Upper
 178 100
 179 23.9 12.6 18.8#
 176 25.0 15.4 23.0#

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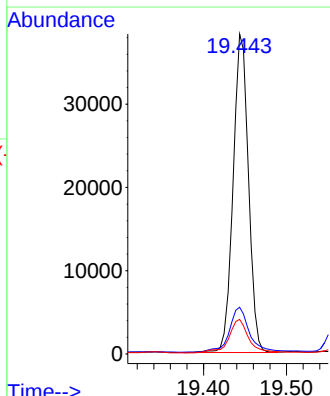
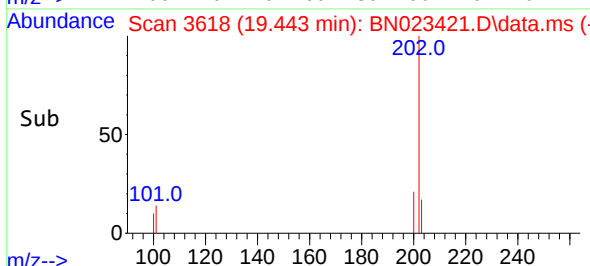
Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

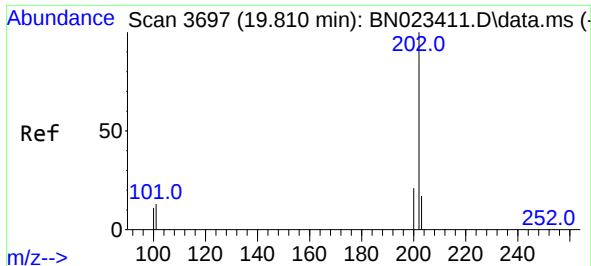


#19
 Fluoranthene
 Concen: 0.531 ng/ul
 RT: 19.443 min Scan# 3618
 Delta R.T. -0.005 min
 Lab File: BN023421.D
 Acq: 24 Dec 2022 21:26



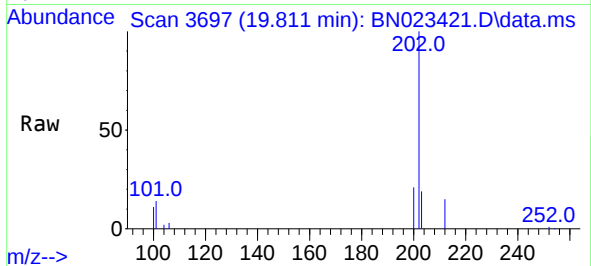
Tgt Ion:202 Resp: 49352
 Ion Ratio Lower Upper
 202 100
 101 14.6 9.4 14.2#
 100 10.8 7.0 10.6#





#20
Pyrene
Concen: 0.401 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

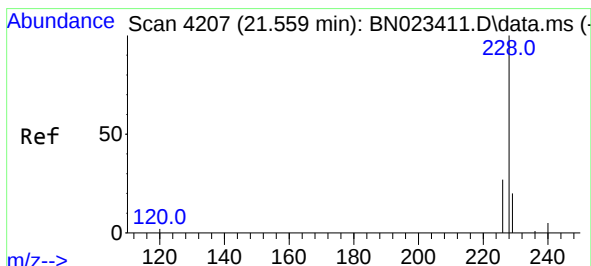
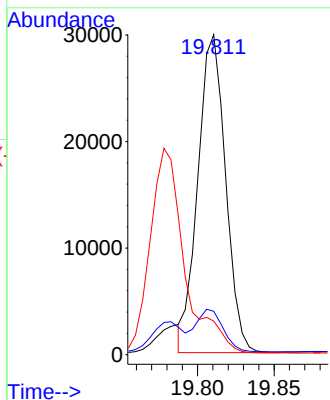
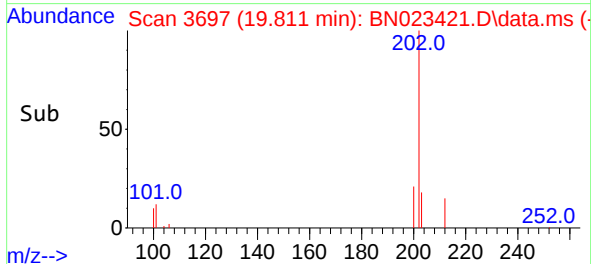
Instrument :
BNA_N
ClientSampleId :
DBXZ9



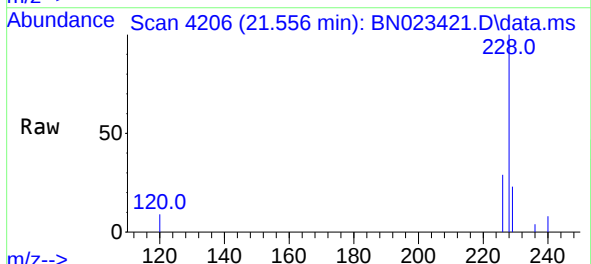
Tgt Ion:202 Resp: 37550
Ion Ratio Lower Upper
202 100
101 13.5 11.3 16.9
100 10.5 9.0 13.4

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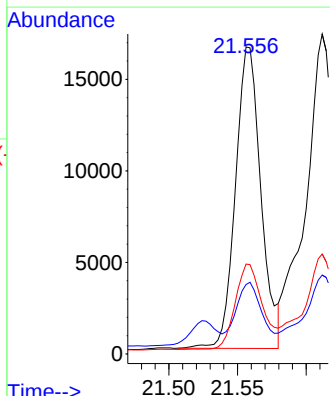
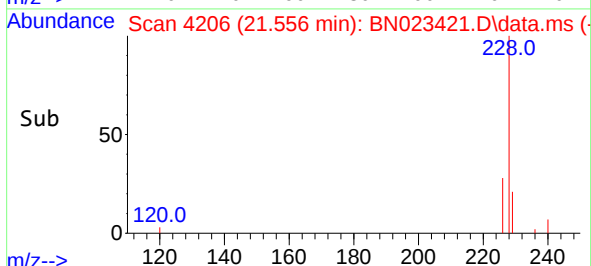
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

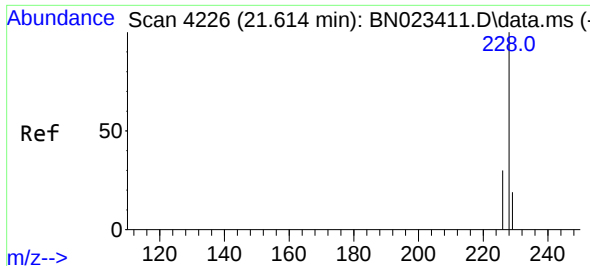


#21
Benzo(a)anthracene
Concen: 0.285 ng/ul
RT: 21.556 min Scan# 4206
Delta R.T. -0.005 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26



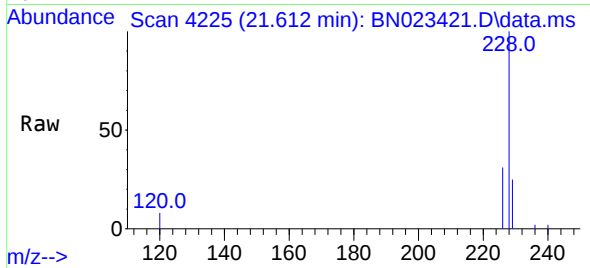
Tgt Ion:228 Resp: 21242
Ion Ratio Lower Upper
228 100
229 22.6 15.6 23.4
226 29.3 22.2 33.2





#22
Chrysene
Concen: 0.339 ng/ul
RT: 21.612 min Scan# 41
Delta R.T. -0.005 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

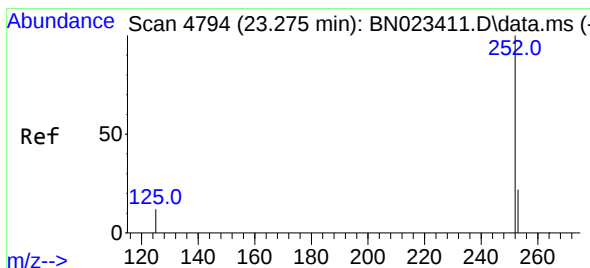
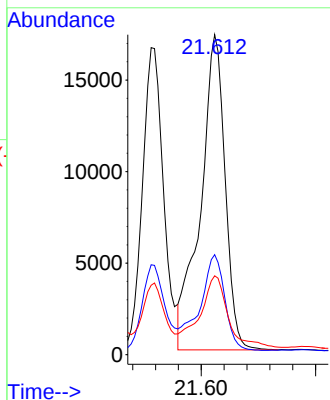
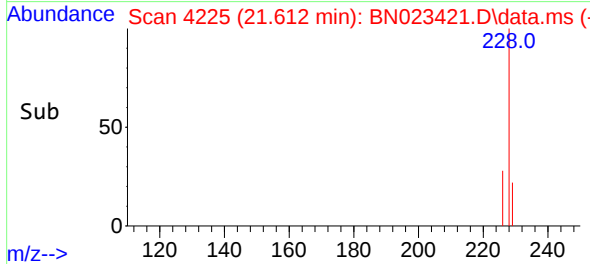
Instrument :
BNA_N
ClientSampleId :
DBXZ9



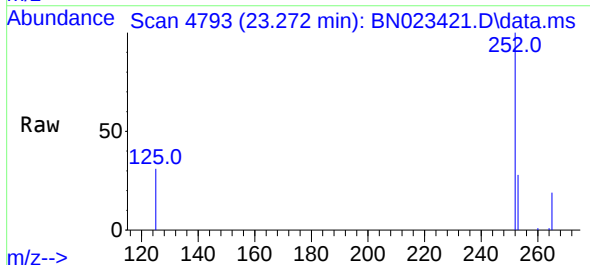
Tgt Ion:228 Resp: 2569
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 24.7 15.8 23.6

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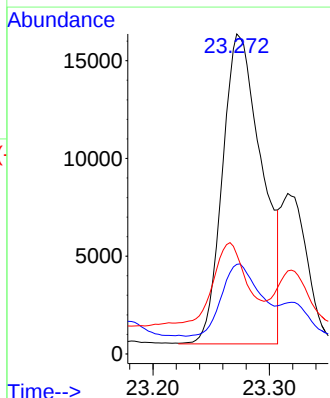
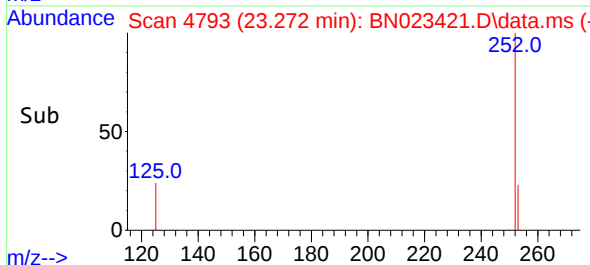
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

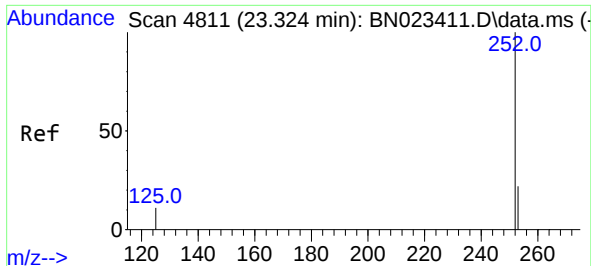


#24
Benzo(b)fluoranthene
Concen: 0.485 ng/ul m
RT: 23.272 min Scan# 4793
Delta R.T. -0.002 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26



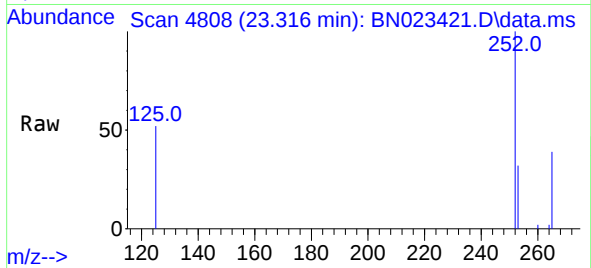
Tgt Ion:252 Resp: 37263
Ion Ratio Lower Upper
252 100
253 28.0 0.0 49.2
125 31.1 0.0 31.8





#25
Benzo(k)fluoranthene
Concen: 0.164 ng/ul m
RT: 23.316 min Scan# 4811
Delta R.T. -0.008 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

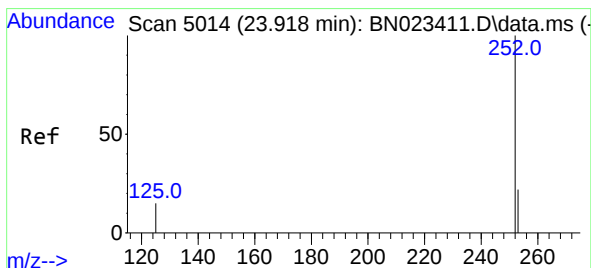
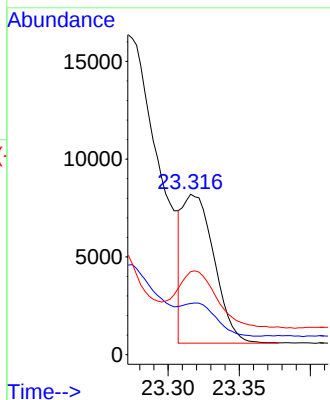
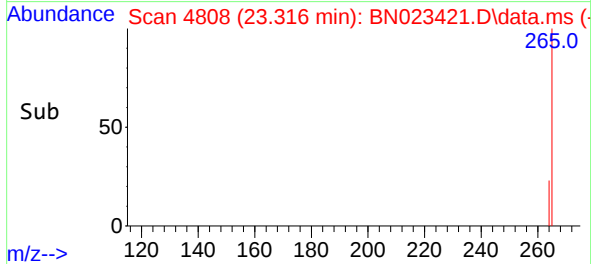
Instrument :
BNA_N
ClientSampleId :
DBXZ9



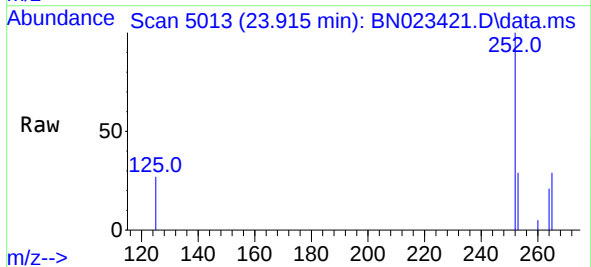
Tgt Ion:252 Resp: 11814
Ion Ratio Lower Upper
252 100
253 31.9 19.8 29.6
125 51.7 12.6 18.8

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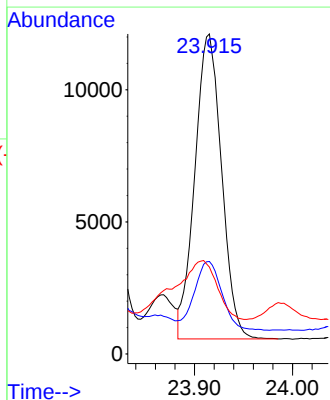
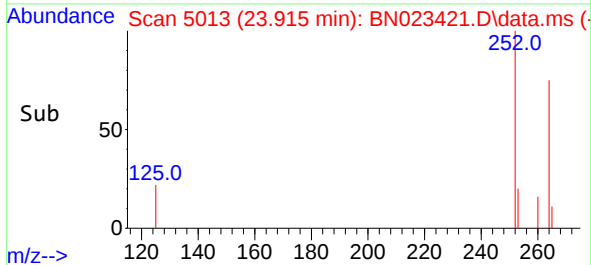
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

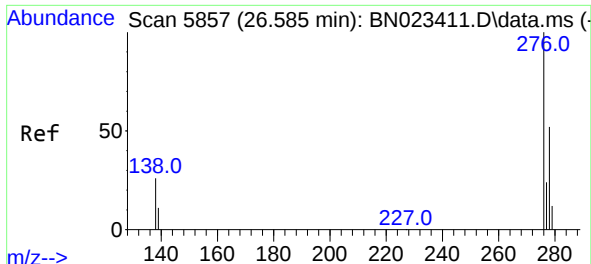


#26
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 23.915 min Scan# 5013
Delta R.T. 0.001 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26



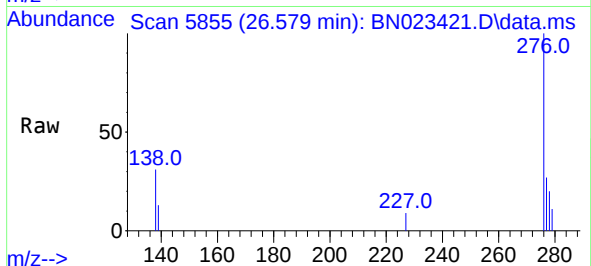
Tgt Ion:252 Resp: 21855
Ion Ratio Lower Upper
252 100
253 28.9 21.4 32.2
125 27.2 16.2 24.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.262 ng/ul
RT: 26.579 min Scan# 5855
Delta R.T. 0.001 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

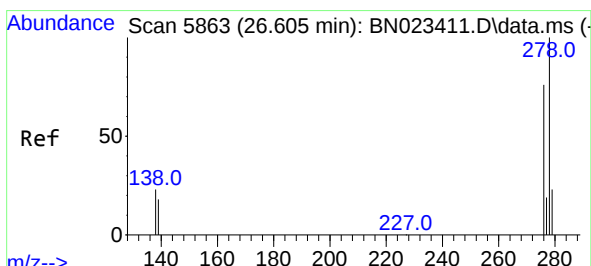
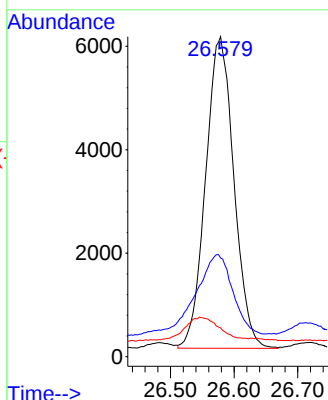
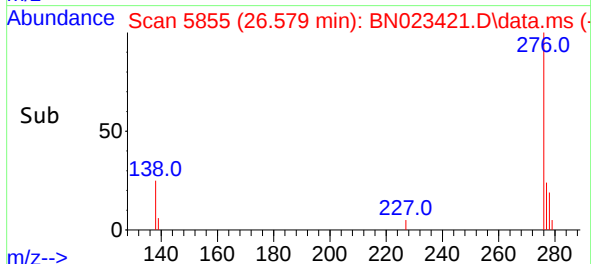
Instrument :
BNA_N
ClientSampleId :
DBXZ9



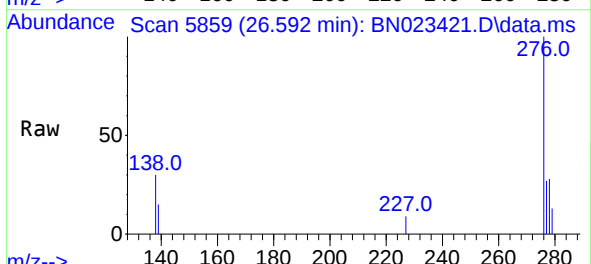
Tgt Ion:276 Resp: 18620
Ion Ratio Lower Upper
276 100
138 34.8 23.4 35.2
227 0.0 0.0 0.0

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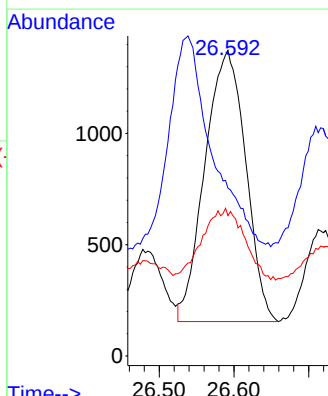
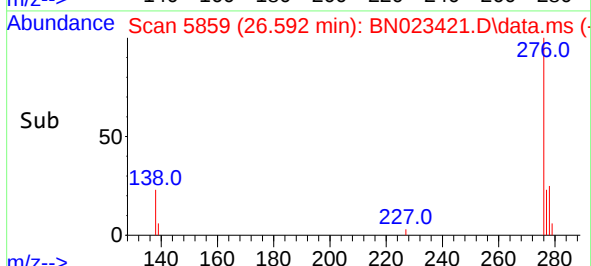
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

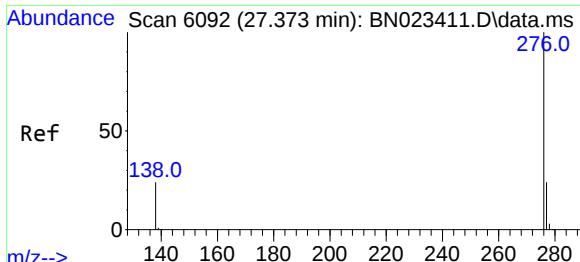


#28
Dibenzo(a,h)anthracene
Concen: 0.084 ng/ul
RT: 26.592 min Scan# 5859
Delta R.T. -0.009 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26



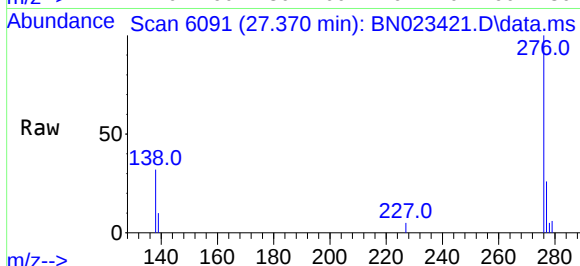
Tgt Ion:278 Resp: 4609
Ion Ratio Lower Upper
278 100
139 54.9 16.6 24.8#
279 46.0 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.326 ng/ul
 RT: 27.370 min Scan# 6091
 Delta R.T. 0.001 min
 Lab File: BN023421.D
 Acq: 24 Dec 2022 21:26

Instrument :
 BNA_N
 ClientSampleId :
 DBXZ9



Tgt Ion: 276 Resp: 1887

Ion	Ratio	Lower	Upper
276	100		
138	31.8	20.3	30.5
277	25.8	19.7	29.5

Manual Integrations
 APPROVED

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

