

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023423.D
 Acq On : 24 Dec 2022 22:38
 Operator : CG/JU
 Sample : N6018-02DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYH3DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 04:21:02 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	7040	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	23465	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.637	164	13424	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.387	188	30075	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	19098	0.400	ng/ul	0.00
23) Perylene-d12	24.020	264	14912	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	5650	0.739	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	1861	0.051	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	3901	0.056	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.854	128	1652	0.024	ng/ul#	84
7) 2-Methylnaphthalene	12.470	142	941	0.021	ng/ul	96
10) Acenaphthylene	14.359	152	1300	0.022	ng/ul#	80
15) Phenanthrene	17.429	178	30625	0.313	ng/ul	99
16) Anthracene	17.522	178	4828	0.059	ng/ul#	95
19) Fluoranthene	19.444	202	85610	0.924	ng/ul	99
20) Pyrene	19.807	202	64183m	0.687	ng/ul	
21) Benzo(a)anthracene	21.558	228	31706	0.426	ng/ul	98
22) Chrysene	21.611	228	34111	0.451	ng/ul	97
24) Benzo(b)fluoranthene	23.274	252	39910m	0.517	ng/ul	
25) Benzo(k)fluoranthene	23.318	252	11984m	0.165	ng/ul	
26) Benzo(a)pyrene	23.911	252	22740	0.372	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.578	276	16151	0.227	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.591	278	4135	0.075	ng/ul#	50
29) Benzo(g,h,i)perylene	27.366	276	15442	0.266	ng/ul#	90

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

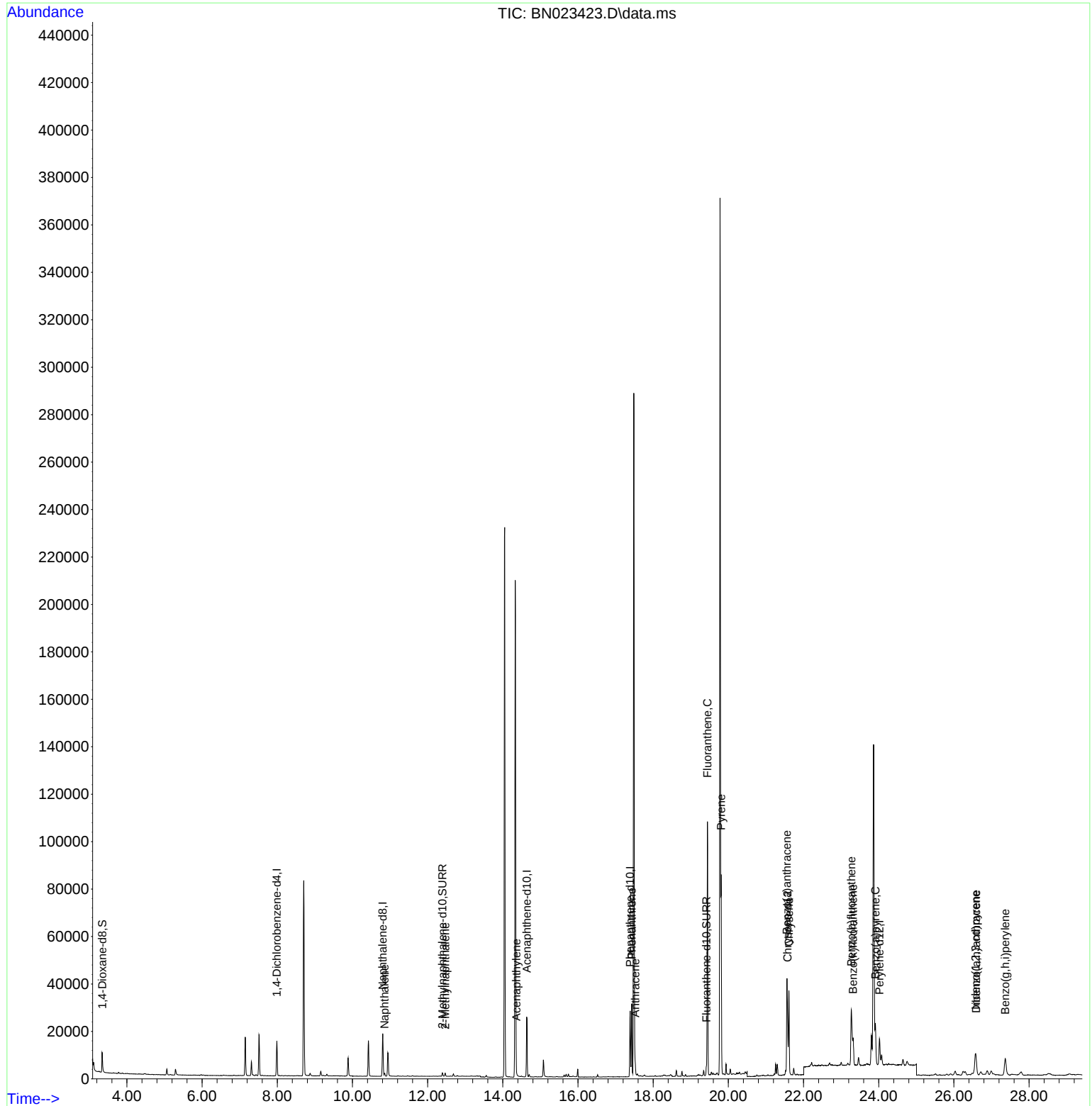
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023423.D
Acq On : 24 Dec 2022 22:38
Operator : CG/JU
Sample : N6018-02DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

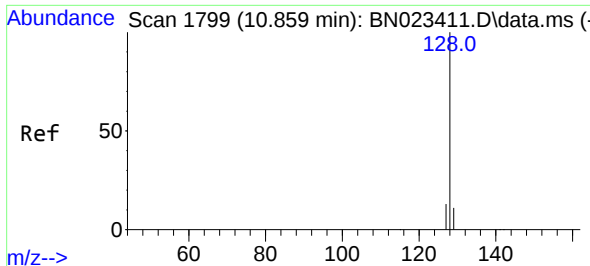
Instrument :
BNA_N
ClientSampleId :
DBYH3DL

Manual Integrations
APPROVED

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

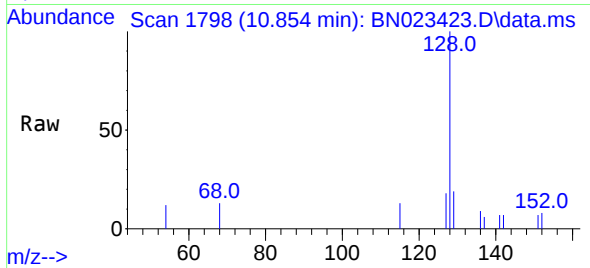
Quant Time: Dec 25 04:21:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.854 min Scan# 1798
Delta R.T. -0.011 min
Lab File: BN023423.D
Acq: 24 Dec 2022 22:38

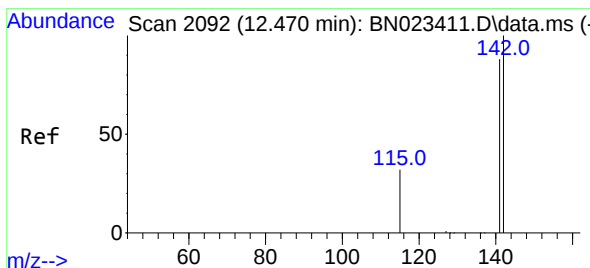
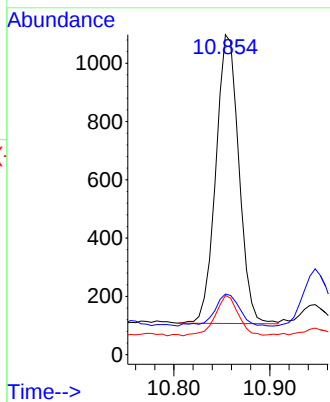
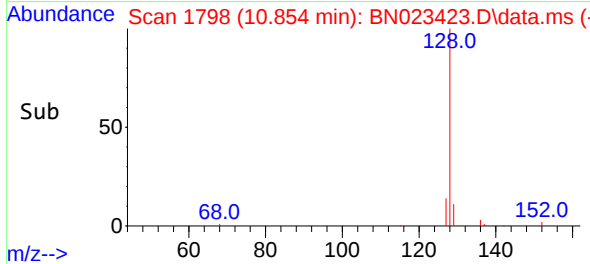
Instrument :
BNA_N
ClientSampleId :
DBYH3DL



Tgt Ion:128 Resp: 1652
Ion Ratio Lower Upper
128 100
129 18.9 9.0 13.4
127 18.5 10.7 16.1

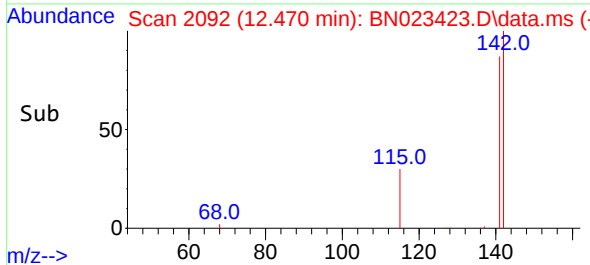
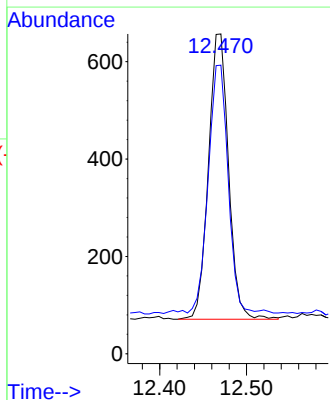
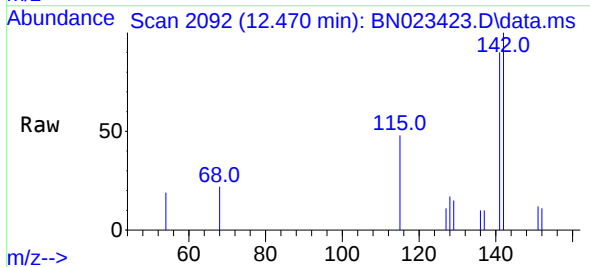
Manual Integrations
APPROVED

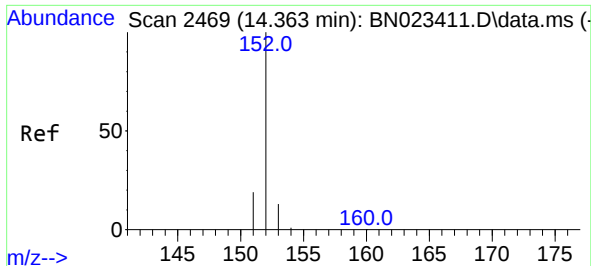
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BN023423.D
Acq: 24 Dec 2022 22:38

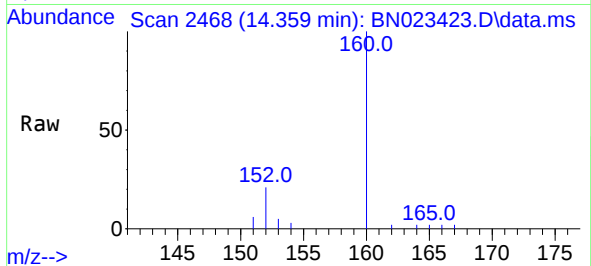
Tgt Ion:142 Resp: 941
Ion Ratio Lower Upper
142 100
141 85.8 71.4 107.2





#10
Acenaphthylene
Concen: 0.022 ng/u1
RT: 14.359 min Scan# 2469
Delta R.T. -0.009 min
Lab File: BN023423.D
Acq: 24 Dec 2022 22:38

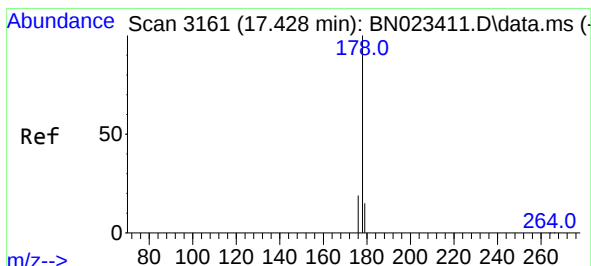
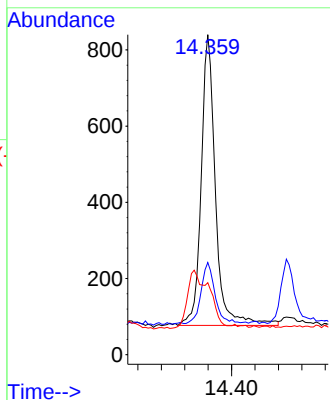
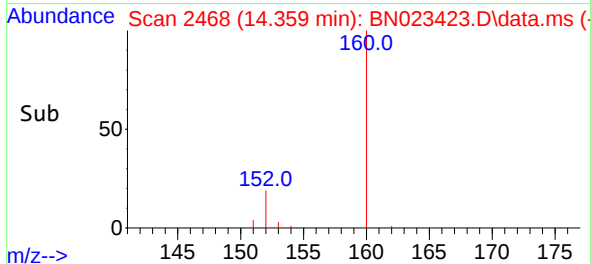
Instrument :
BNA_N
ClientSampleId :
DBYH3DL



Tgt Ion:152 Resp: 1300
Ion Ratio Lower Upper
152 100
151 28.8 16.1 24.1
153 22.5 10.9 16.3

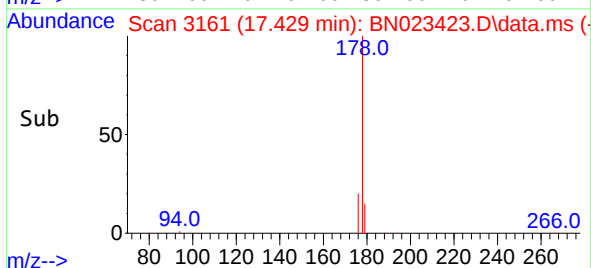
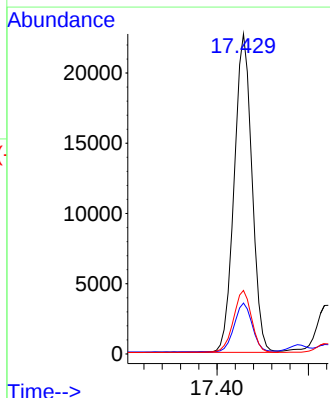
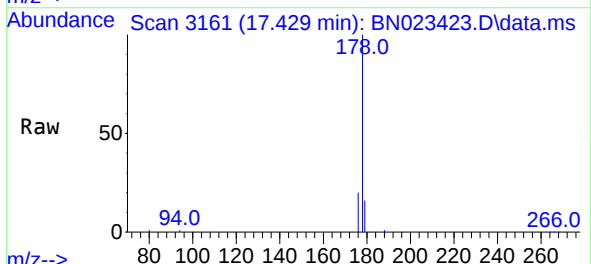
Manual Integrations
APPROVED

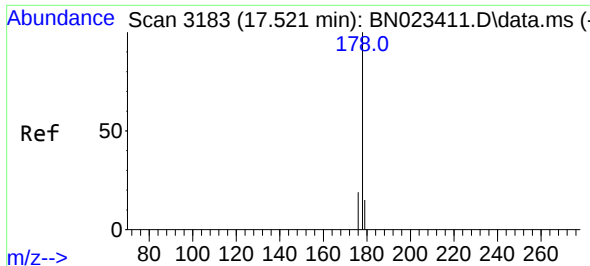
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#15
Phenanthrene
Concen: 0.313 ng/u1
RT: 17.429 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BN023423.D
Acq: 24 Dec 2022 22:38

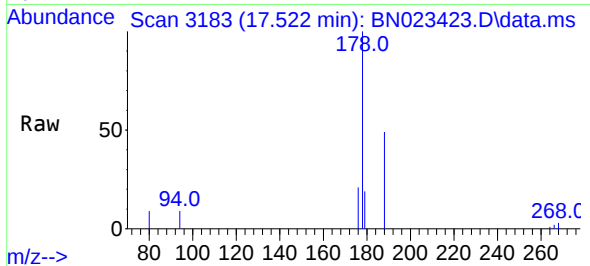
Tgt Ion:178 Resp: 30625
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 19.8 15.7 23.5





#16
 Anthracene
 Concen: 0.059 ng/u1
 RT: 17.522 min Scan# 3183
 Delta R.T. -0.004 min
 Lab File: BN023423.D
 Acq: 24 Dec 2022 22:38

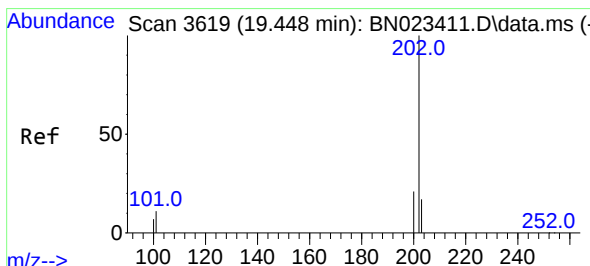
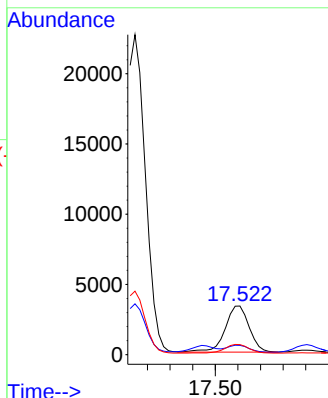
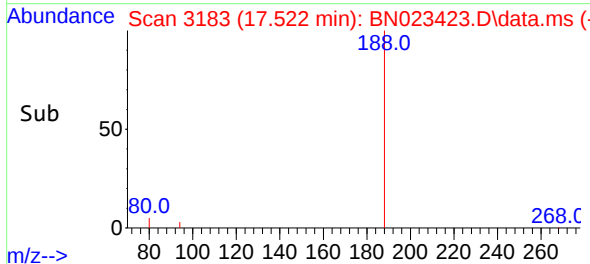
Instrument :
 BNA_N
 ClientSampleId :
 DBYH3DL



Tgt Ion:178 Resp: 4828
 Ion Ratio Lower Upper
 178 100
 179 19.0 12.6 18.8
 176 20.8 15.4 23.0

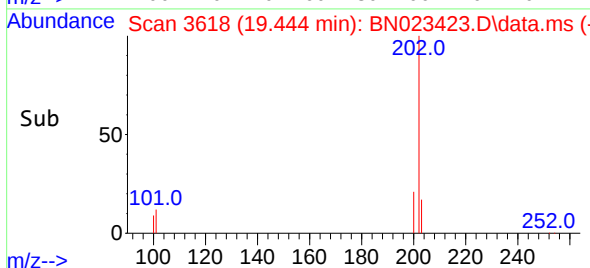
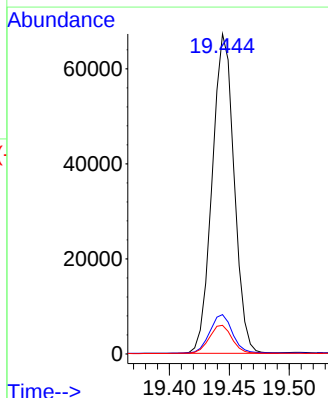
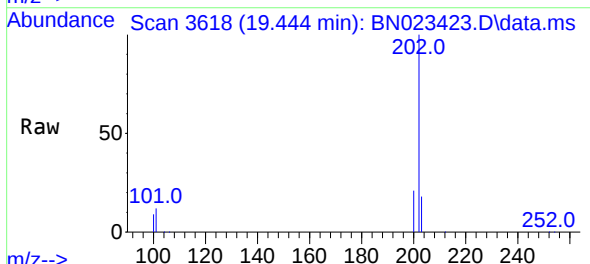
Manual Integrations
 APPROVED

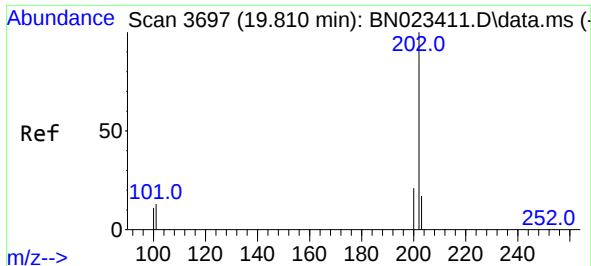
Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022



#19
 Fluoranthene
 Concen: 0.924 ng/u1
 RT: 19.444 min Scan# 3618
 Delta R.T. -0.005 min
 Lab File: BN023423.D
 Acq: 24 Dec 2022 22:38

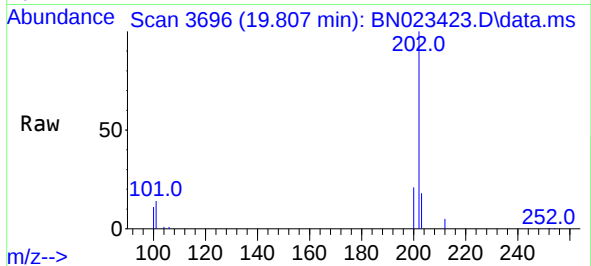
Tgt Ion:202 Resp: 85610
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.4 14.2
 100 9.0 7.0 10.6





#20
Pyrene
Concen: 0.687 ng/ul m
RT: 19.807 min Scan# 3696
Delta R.T. -0.005 min
Lab File: BN023423.D
Acq: 24 Dec 2022 22:38

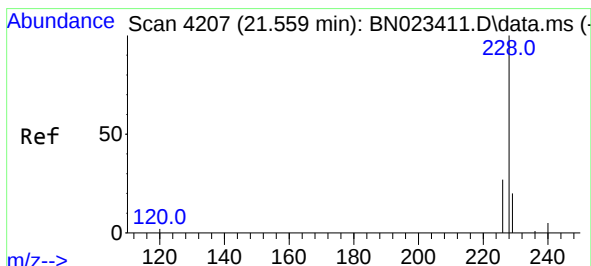
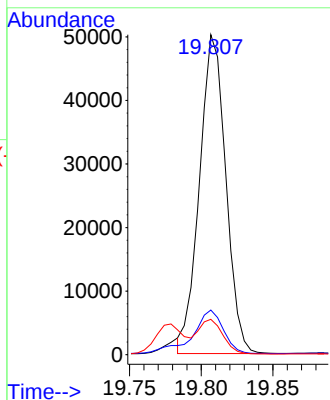
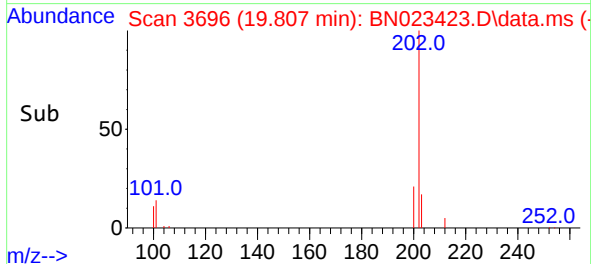
Instrument :
BNA_N
ClientSampleId :
DBYH3DL



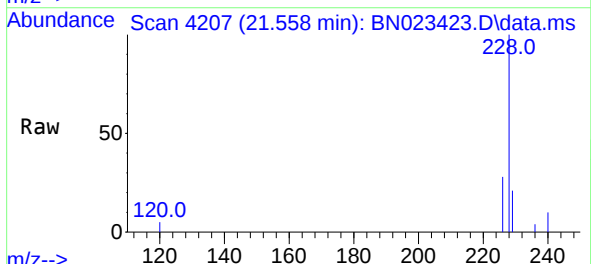
Tgt Ion:202 Resp: 6418
Ion Ratio Lower Upper
202 100
101 13.9 11.3 16.9
100 11.1 9.0 13.4

Manual Integrations
APPROVED

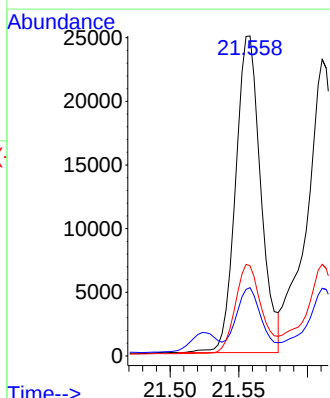
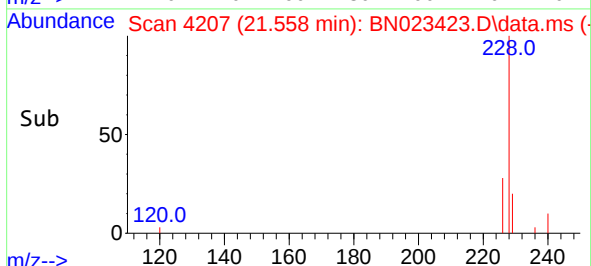
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

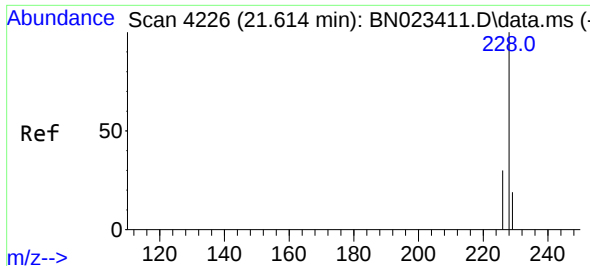


#21
Benzo(a)anthracene
Concen: 0.426 ng/ul
RT: 21.558 min Scan# 4207
Delta R.T. -0.003 min
Lab File: BN023423.D
Acq: 24 Dec 2022 22:38



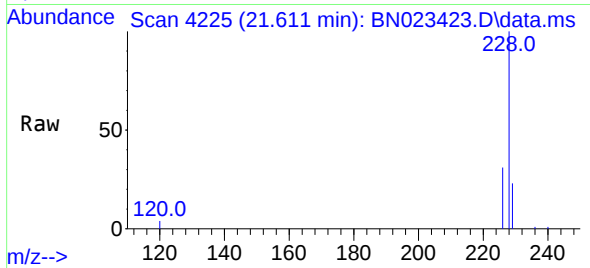
Tgt Ion:228 Resp: 31706
Ion Ratio Lower Upper
228 100
229 21.3 15.6 23.4
226 28.2 22.2 33.2





#22
Chrysene
Concen: 0.451 ng/ul
RT: 21.611 min Scan# 411
Delta R.T. -0.006 min
Lab File: BN023423.D
Acq: 24 Dec 2022 22:38

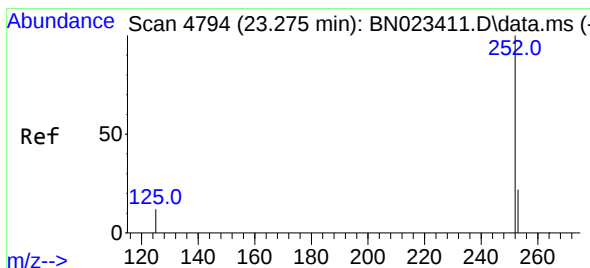
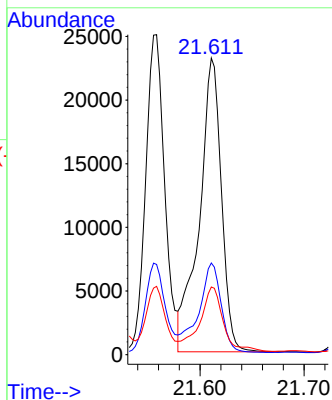
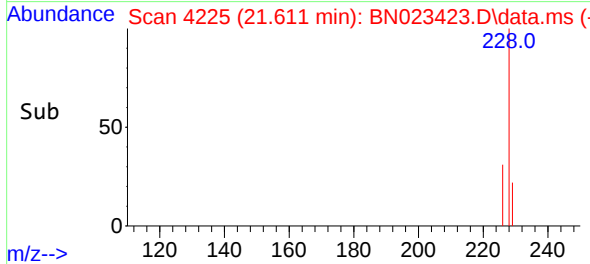
Instrument :
BNA_N
ClientSampleId :
DBYH3DL



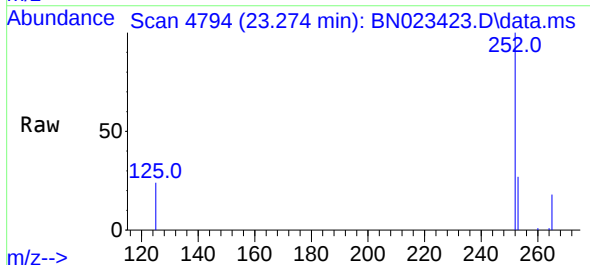
Tgt Ion:228 Resp: 3411
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 22.8 15.8 23.6

Manual Integrations
APPROVED

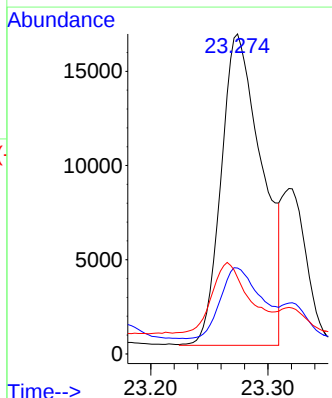
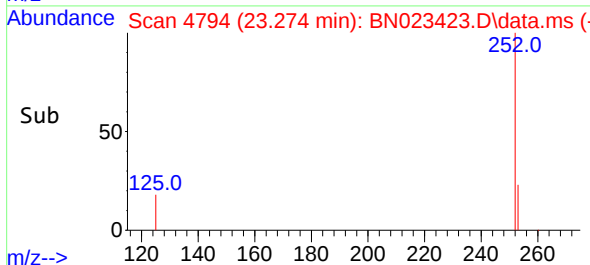
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

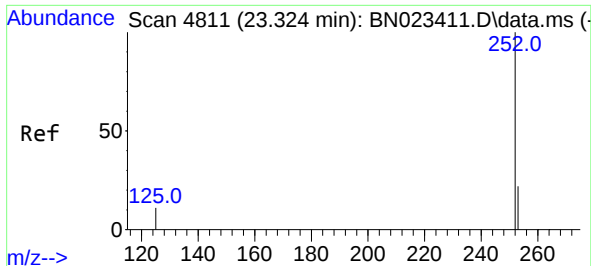


#24
Benzo(b)fluoranthene
Concen: 0.517 ng/ul m
RT: 23.274 min Scan# 4794
Delta R.T. 0.000 min
Lab File: BN023423.D
Acq: 24 Dec 2022 22:38



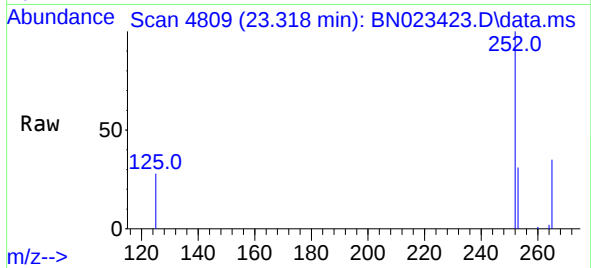
Tgt Ion:252 Resp: 39910
Ion Ratio Lower Upper
252 100
253 26.8 0.0 49.2
125 23.8 0.0 31.8





#25
Benzo(k)fluoranthene
Concen: 0.165 ng/ul m
RT: 23.318 min Scan# 4811
Delta R.T. -0.006 min
Lab File: BN023423.D
Acq: 24 Dec 2022 22:38

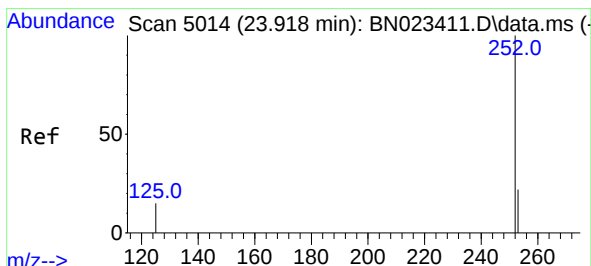
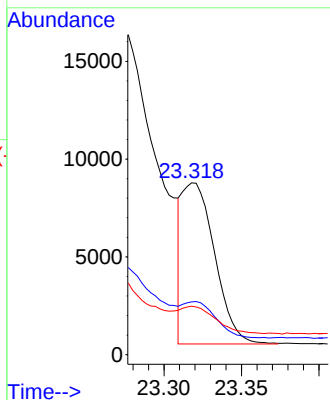
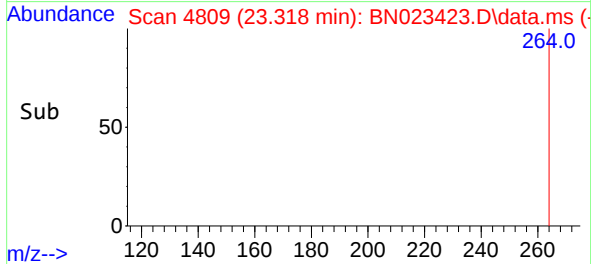
Instrument :
BNA_N
ClientSampleId :
DBYH3DL



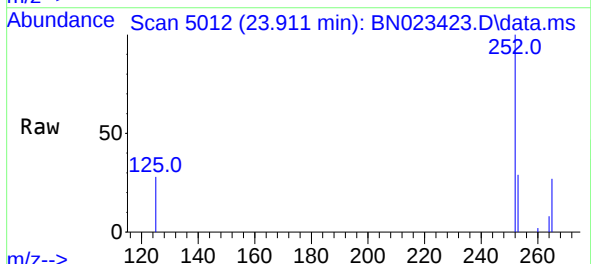
Tgt Ion:252 Resp: 11984
Ion Ratio Lower Upper
252 100
253 30.7 19.8 29.6
125 28.2 12.6 18.8

Manual Integrations
APPROVED

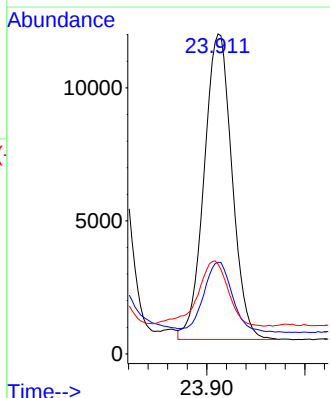
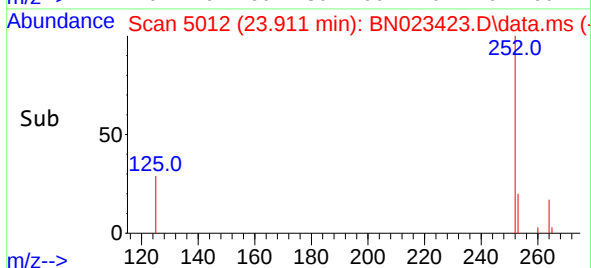
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

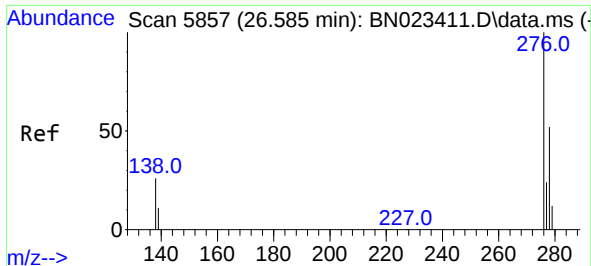


#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.911 min Scan# 5012
Delta R.T. -0.003 min
Lab File: BN023423.D
Acq: 24 Dec 2022 22:38



Tgt Ion:252 Resp: 22740
Ion Ratio Lower Upper
252 100
253 28.6 21.4 32.2
125 28.1 16.2 24.4





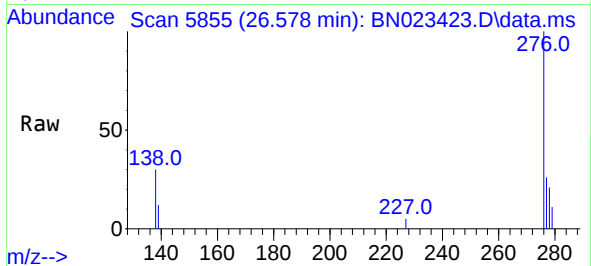
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.227 ng/ul
RT: 26.578 min Scan# 5855
Delta R.T. 0.000 min
Lab File: BN023423.D
Acq: 24 Dec 2022 22:38

Instrument :

BNA_N

ClientSampleId :

DBYH3DL

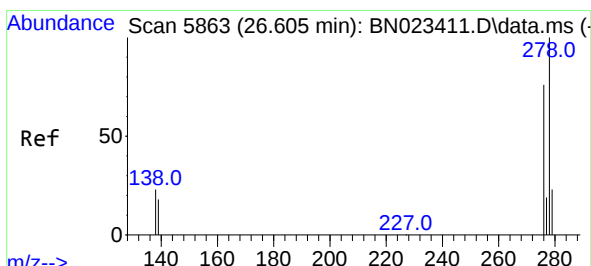
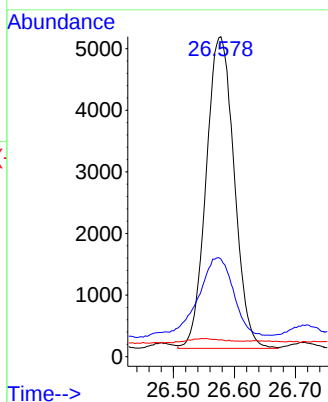
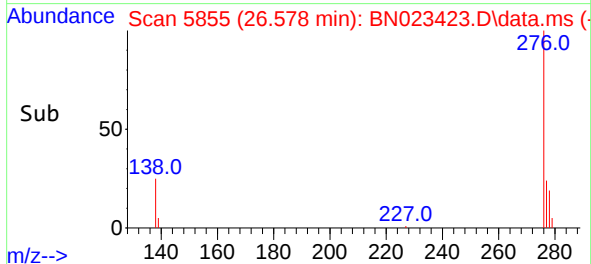


Tgt Ion:276 Resp: 1615
Ion Ratio Lower Upper
276 100
138 33.6 23.4 35.2
227 0.0 0.0 0.0

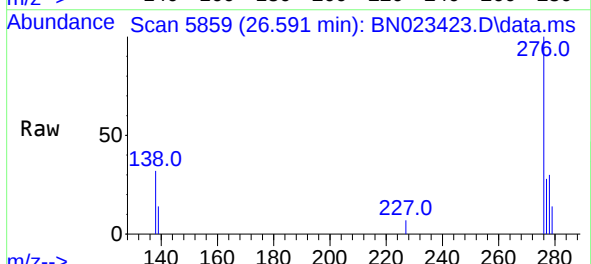
Manual Integrations

APPROVED

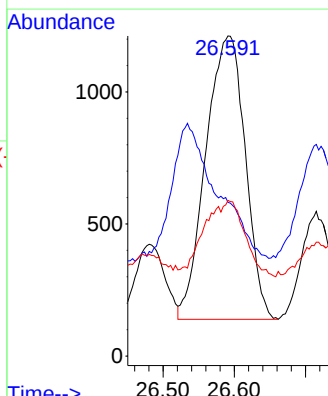
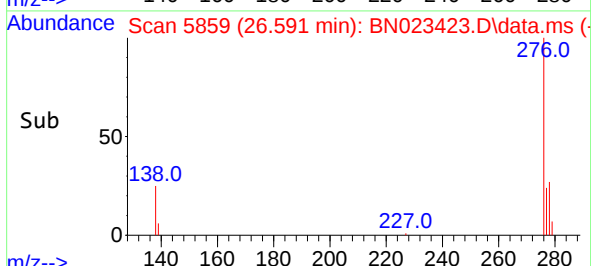
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

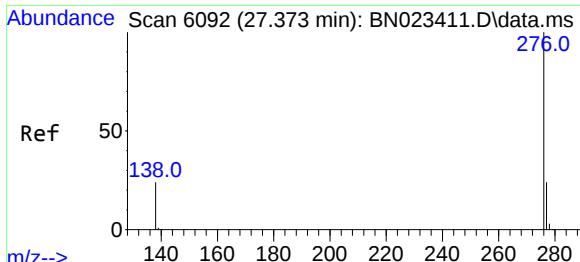


#28
Dibenzo(a,h)anthracene
Concen: 0.075 ng/ul
RT: 26.591 min Scan# 5859
Delta R.T. -0.010 min
Lab File: BN023423.D
Acq: 24 Dec 2022 22:38



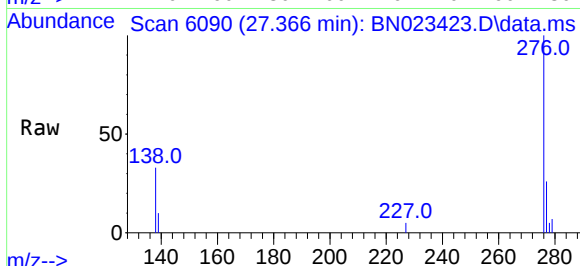
Tgt Ion:278 Resp: 4135
Ion Ratio Lower Upper
278 100
139 48.0 16.6 24.8#
279 48.6 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.266 ng/ul
 RT: 27.366 min Scan# 6090
 Delta R.T. -0.003 min
 Lab File: BN023423.D
 Acq: 24 Dec 2022 22:38

Instrument :
 BNA_N
 ClientSampleId :
 DBYH3DL



Tgt Ion: 276 Resp: 1544

Ion	Ratio	Lower	Upper
276	100		
138	33.5	20.3	30.5
277	26.3	19.7	29.5

Manual Integrations
 APPROVED

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

