

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030257.D
 Acq On : 04 Mar 2024 15:13
 Operator : MA/JU
 Sample : P1512-03
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EOS96

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2024
 Supervised By :mohammad ahmed 03/05/2024

Quant Time: Mar 04 15:38:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 05:54:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	1674	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	4555	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.474	164	2316	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	4942	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.444	240	4492	0.400	ng/ul	# 0.00
23) Perylene-d12	23.788	264	4543m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	12545	5.413	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.218	152	2117	0.359	ng/ul	-0.01
18) Fluoranthene-d10	19.267	212	4933	0.337	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.672	128	3077	0.229	ng/ul	99
7) 2-Methylnaphthalene	12.295	142	332	0.046	ng/ul	97
8) 1-Methylnaphthalene	12.515	142	245	0.032	ng/ul	99
12) Fluorene	15.524	166	295	0.030	ng/ul#	94
15) Phenanthrene	17.268	178	1488	0.090	ng/ul#	93
19) Fluoranthene	19.295	202	2062	0.103	ng/ul#	93
20) Pyrene	19.658	202	1897	0.087	ng/ul#	81
21) Benzo(a)anthracene	21.429	228	829	0.052	ng/ul#	81
22) Chrysene	21.479	228	1039	0.054	ng/ul#	86
24) Benzo(b)fluoranthene	23.081	252	1459m	0.083	ng/ul	
25) Benzo(k)fluoranthene	23.122	252	823m	0.040	ng/ul	
26) Benzo(a)pyrene	23.683	252	1122	0.063	ng/ul#	45
27) Indeno(1,2,3-cd)pyrene	26.232	276	946	0.042	ng/ul#	95
29) Benzo(g,h,i)perylene	26.967	276	1020	0.048	ng/ul#	69

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

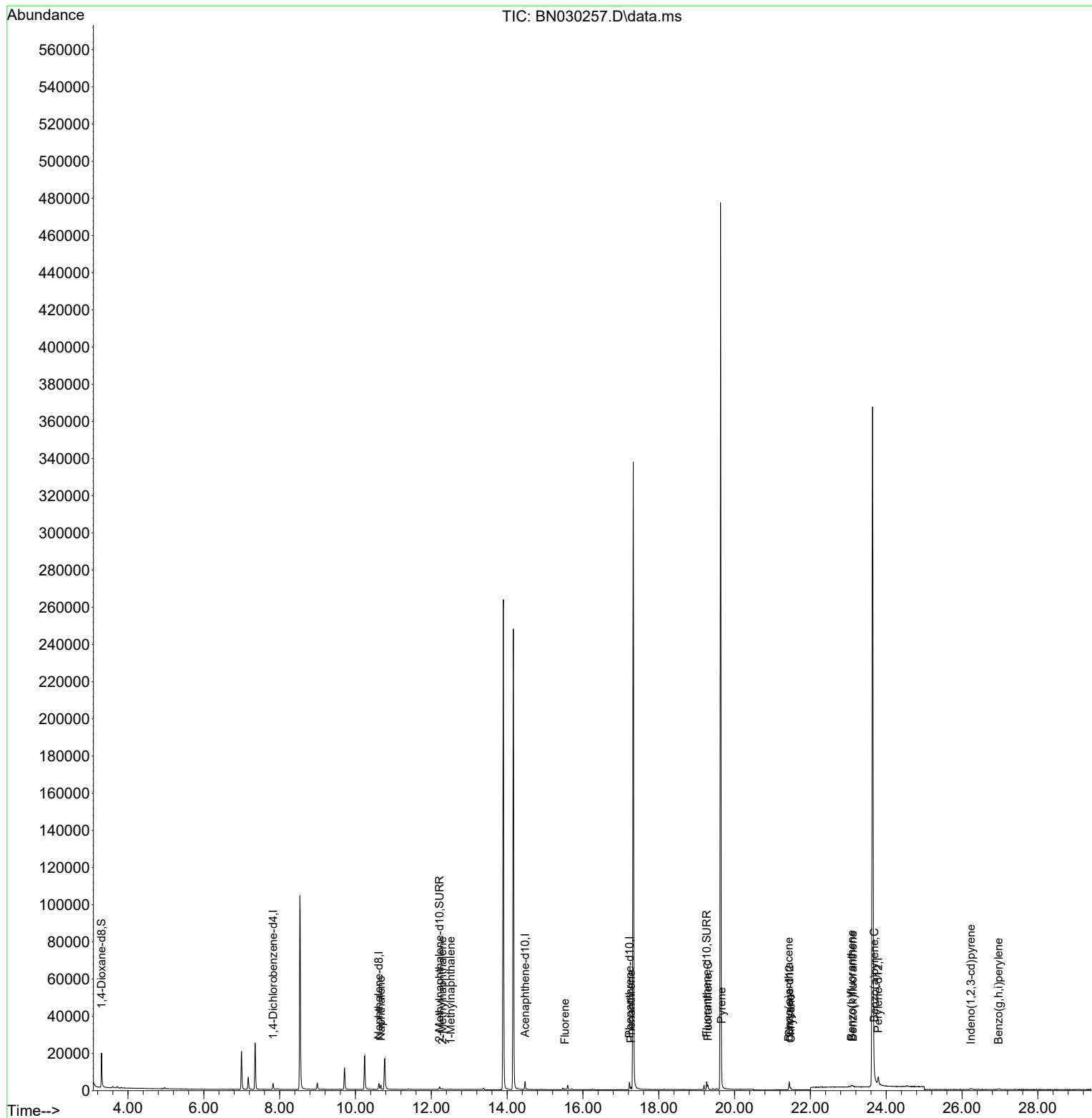
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
Data File : BN030257.D
Acq On : 04 Mar 2024 15:13
Operator : MA/JU
Sample : P1512-03
Misc :
ALS Vial : 80 Sample Multiplier: 1

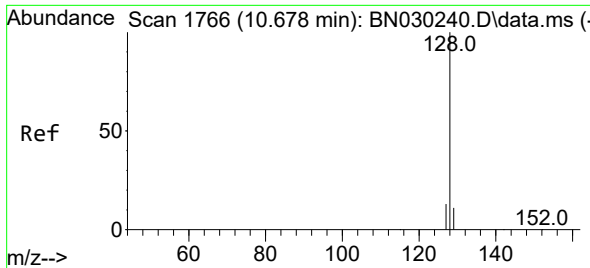
Instrument :
BNA_N
ClientSampleId :
E0S96

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

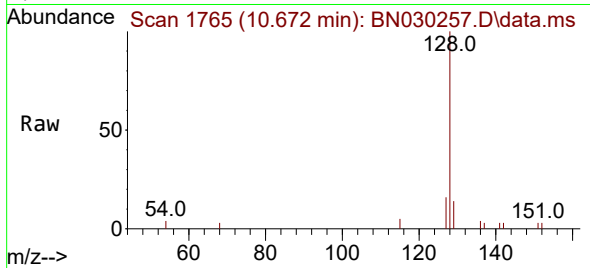
Quant Time: Mar 04 15:38:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 05:54:20 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.229 ng/ul
RT: 10.672 min Scan# 1765
Delta R.T. -0.005 min
Lab File: BN030257.D
Acq: 04 Mar 2024 15:13

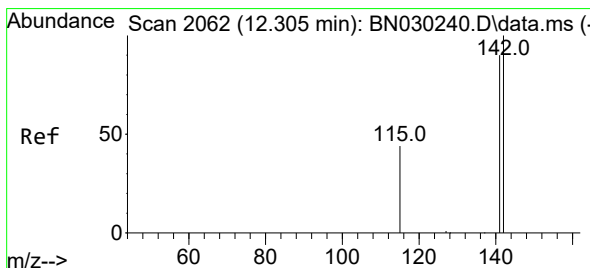
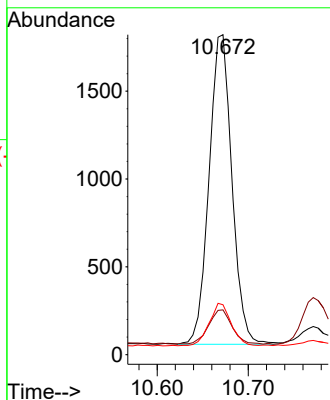
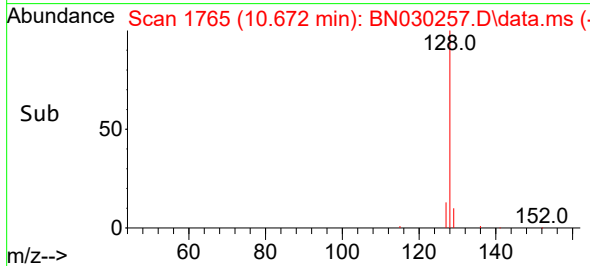
Instrument :
BNA_N
ClientSampleId :
E0S96



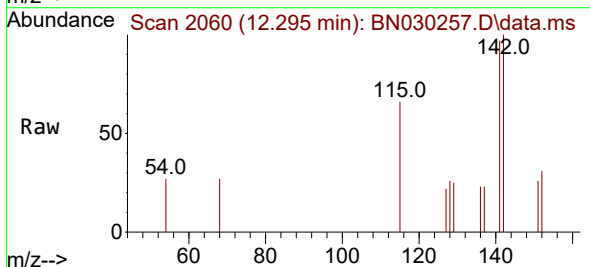
Tgt Ion:128 Resp: 307
Ion Ratio Lower Upper
128 100
129 14.0 11.0 16.4
127 15.6 12.3 18.5

Manual Integrations
APPROVED

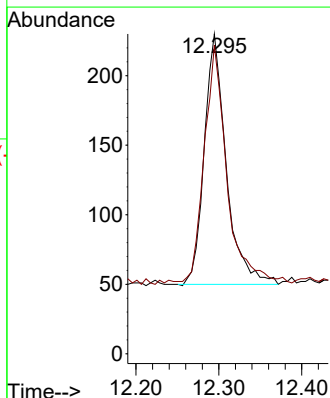
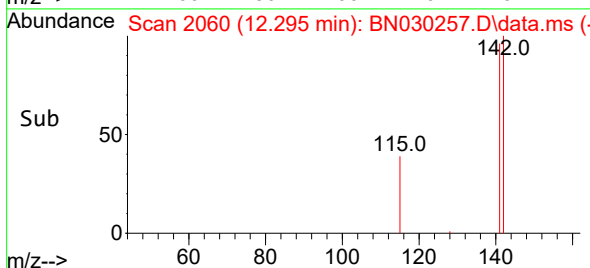
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

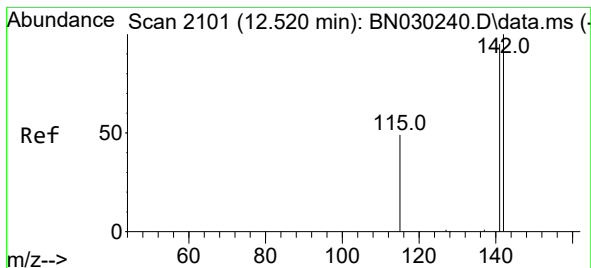


#7
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.295 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN030257.D
Acq: 04 Mar 2024 15:13



Tgt Ion:142 Resp: 332
Ion Ratio Lower Upper
142 100
141 94.3 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 12.515 min Scan# 2100

Delta R.T. -0.005 min

Lab File: BN030257.D

Acq: 04 Mar 2024 15:13

Instrument :

BNA_N

ClientSampleId :

E0S96

Tgt Ion:142 Resp: 249

Ion Ratio Lower Upper

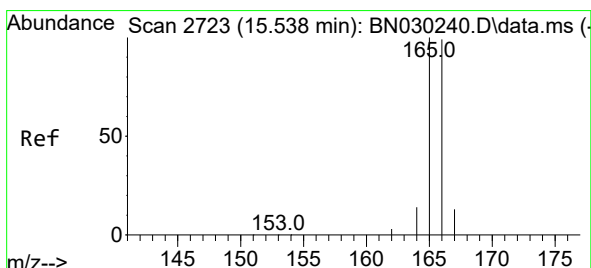
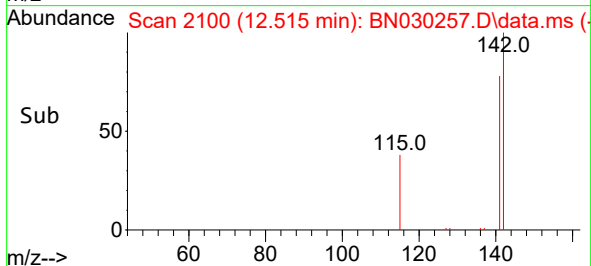
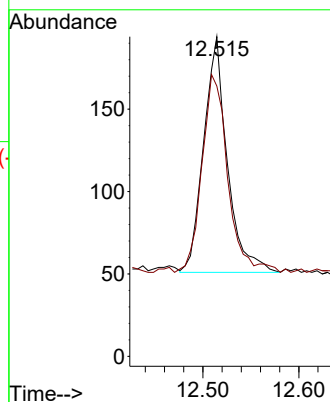
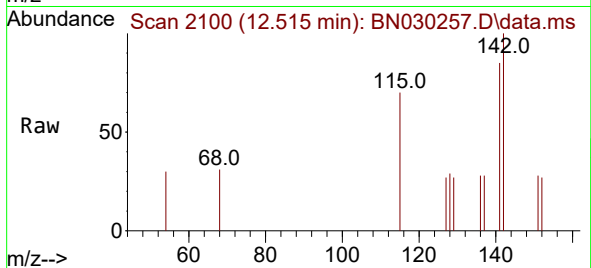
142 100

141 91.4 74.2 111.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#12

Fluorene

Concen: 0.030 ng/ul

RT: 15.524 min Scan# 2720

Delta R.T. -0.014 min

Lab File: BN030257.D

Acq: 04 Mar 2024 15:13

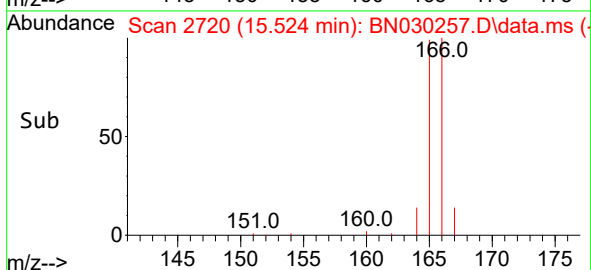
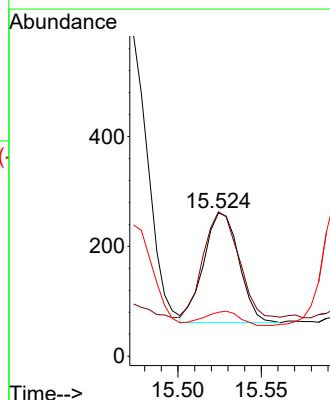
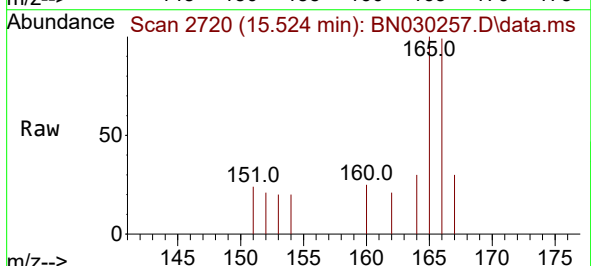
Tgt Ion:166 Resp: 295

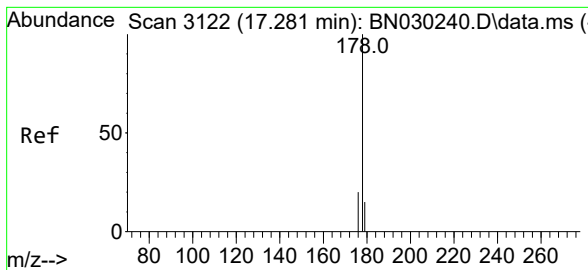
Ion Ratio Lower Upper

166 100

165 100.8 81.8 122.6

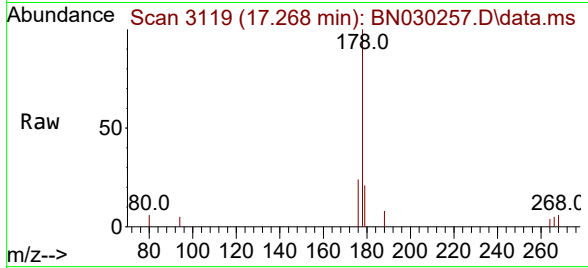
167 30.7 13.0 19.4#





#15
Phenanthrene
Concen: 0.090 ng/ul
RT: 17.268 min Scan# 3119
Delta R.T. -0.013 min
Lab File: BN030257.D
Acq: 04 Mar 2024 15:13

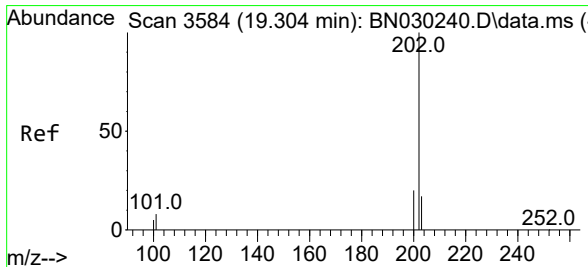
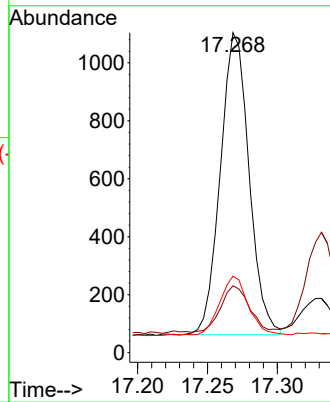
Instrument :
BNA_N
ClientSampleId :
E0S96



Tgt Ion:178 Resp: 1488
Ion Ratio Lower Upper
178 100
179 20.9 13.8 20.8#
176 23.9 16.6 25.0#

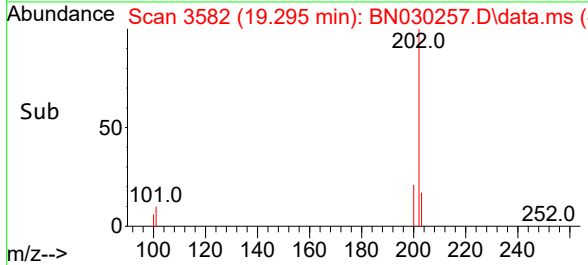
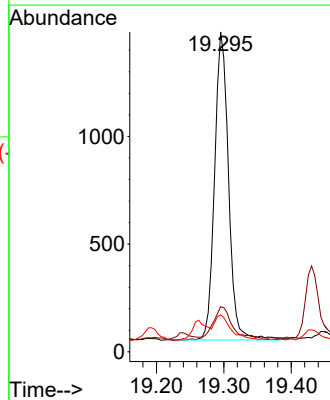
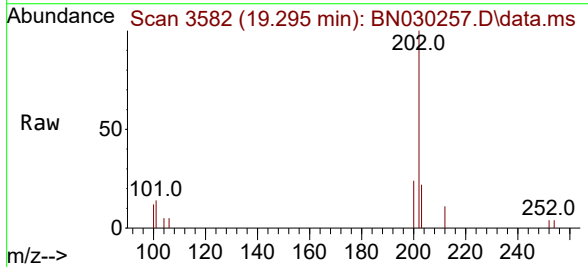
Manual Integrations
APPROVED

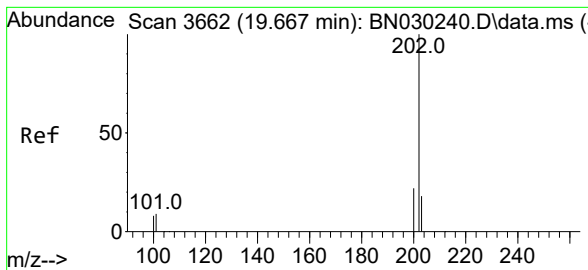
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#19
Fluoranthene
Concen: 0.103 ng/ul
RT: 19.295 min Scan# 3582
Delta R.T. -0.009 min
Lab File: BN030257.D
Acq: 04 Mar 2024 15:13

Tgt Ion:202 Resp: 2062
Ion Ratio Lower Upper
202 100
101 14.1 8.8 13.2#
100 11.6 7.4 11.2#





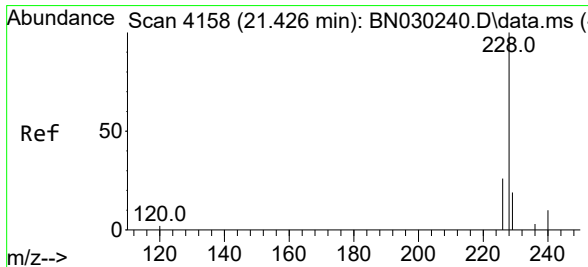
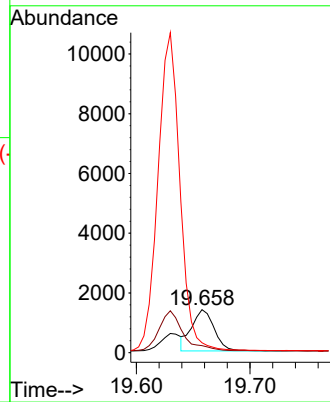
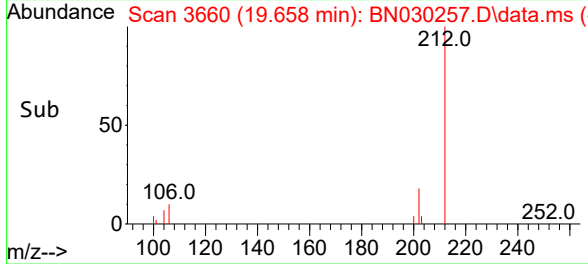
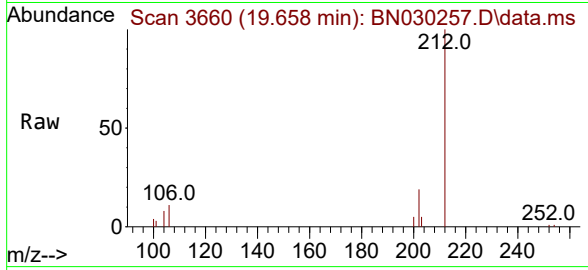
#20
Pyrene
Concen: 0.087 ng/ul
RT: 19.658 min Scan# 3660
Delta R.T. -0.009 min
Lab File: BN030257.D
Acq: 04 Mar 2024 15:13

Instrument : BNA_N
ClientSampleId : E0S96

Tgt Ion:	202	Resp:	189
Ion Ratio	Lower	Upper	
202	100		
101	16.5	10.6	15.8
100	23.0	8.8	13.2

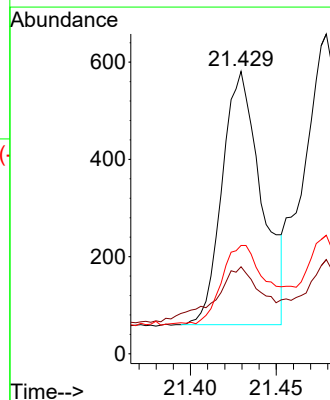
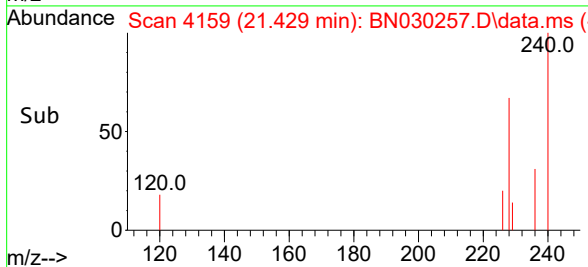
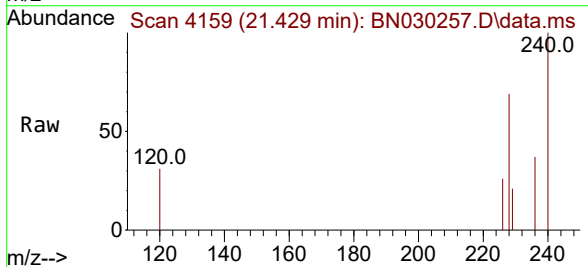
Manual Integrations
APPROVED

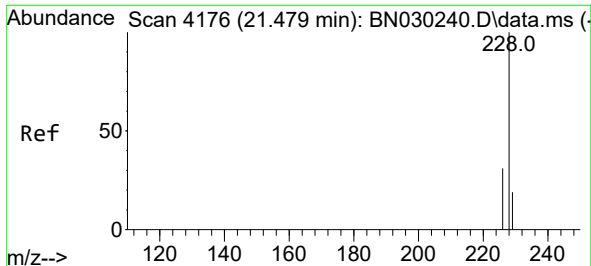
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#21
Benzo(a)anthracene
Concen: 0.052 ng/ul
RT: 21.429 min Scan# 4159
Delta R.T. 0.003 min
Lab File: BN030257.D
Acq: 04 Mar 2024 15:13

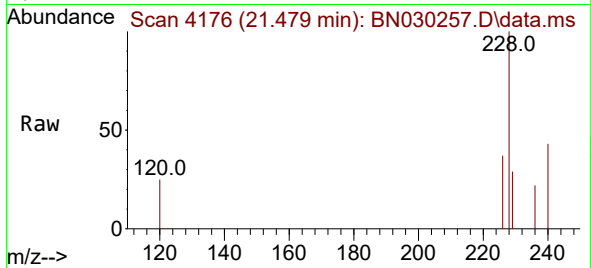
Tgt Ion:	228	Resp:	829
Ion Ratio	Lower	Upper	
228	100		
229	30.8	16.6	24.8
226	38.4	23.7	35.5





#22
Chrysene
Concen: 0.054 ng/ul
RT: 21.479 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BN030257.D
Acq: 04 Mar 2024 15:13

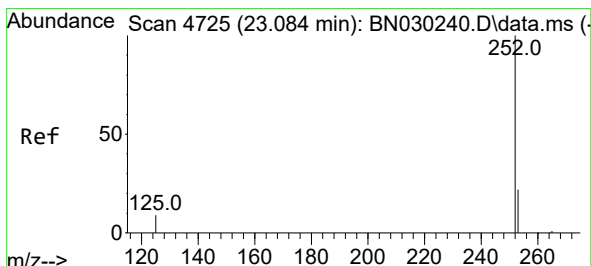
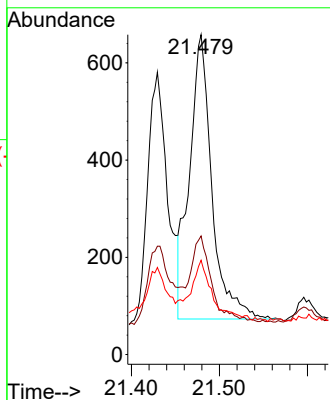
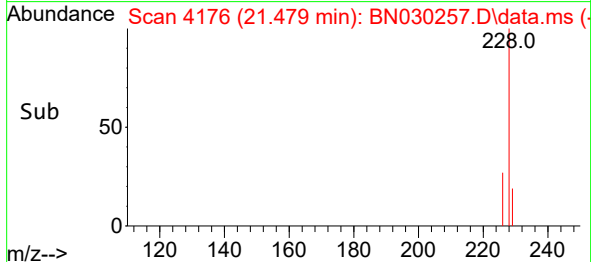
Instrument :
BNA_N
ClientSampleId :
E0S96



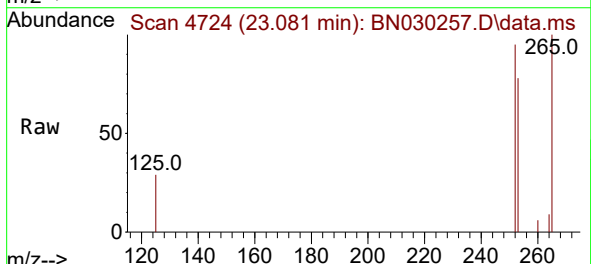
Tgt Ion:228 Resp: 1039
Ion Ratio Lower Upper
228 100
226 37.1 24.6 37.0
229 29.5 16.6 24.8

Manual Integrations
APPROVED

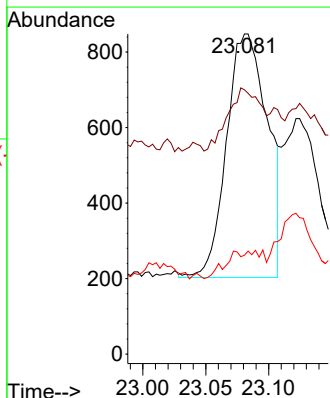
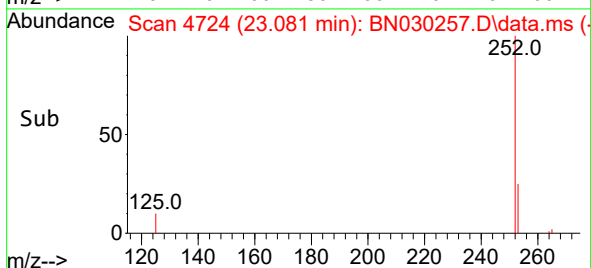
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

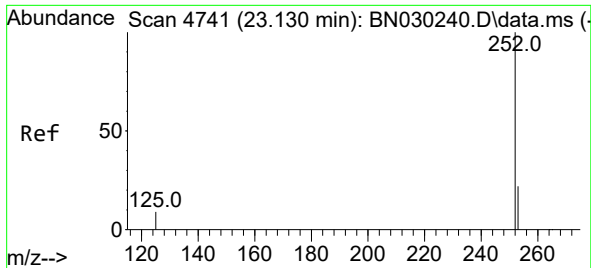


#24
Benzo(b)fluoranthene
Concen: 0.083 ng/ul m
RT: 23.081 min Scan# 4724
Delta R.T. -0.003 min
Lab File: BN030257.D
Acq: 04 Mar 2024 15:13



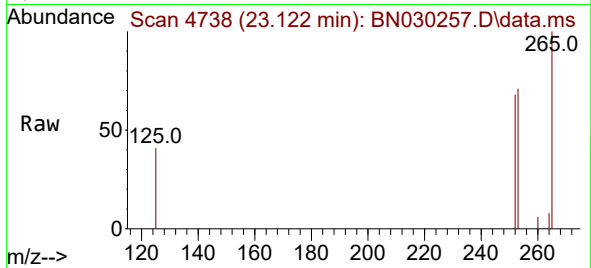
Tgt Ion:252 Resp: 1459
Ion Ratio Lower Upper
252 100
253 82.5 0.0 69.4
125 30.9 0.0 32.8





#25
Benzo(k)fluoranthene
Concen: 0.040 ng/ul m
RT: 23.122 min Scan# 4738
Delta R.T. -0.009 min
Lab File: BN030257.D
Acq: 04 Mar 2024 15:13

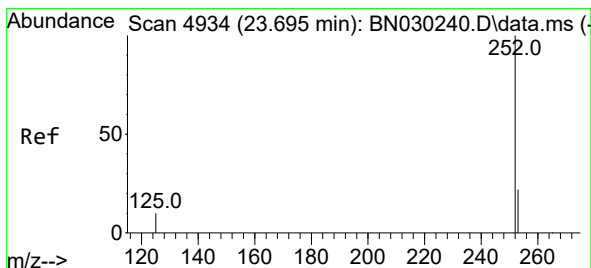
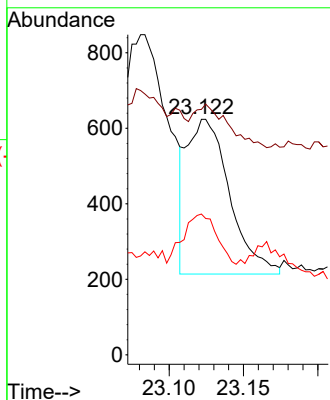
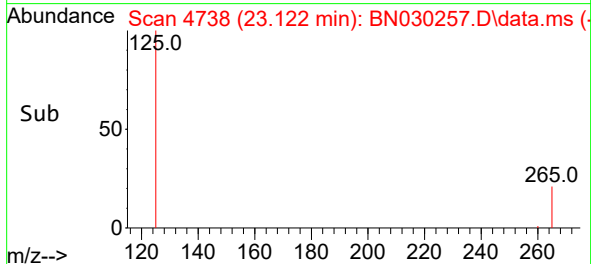
Instrument :
BNA_N
ClientSampleId :
E0S96



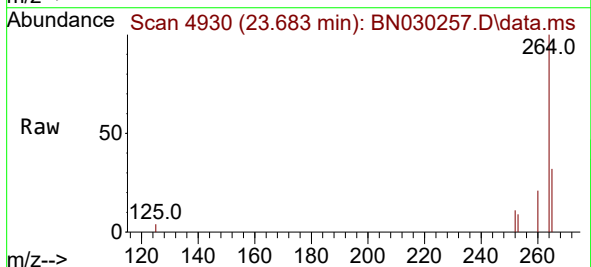
Tgt Ion:252 Resp: 823
Ion Ratio Lower Upper
252 100
253 104.2 28.0 42.0#
125 59.8 14.4 21.6#

Manual Integrations
APPROVED

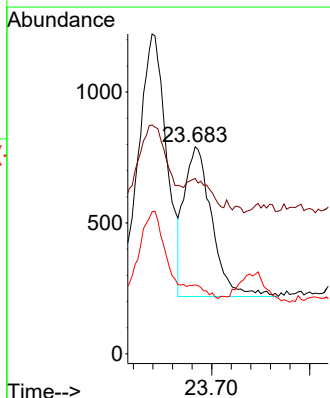
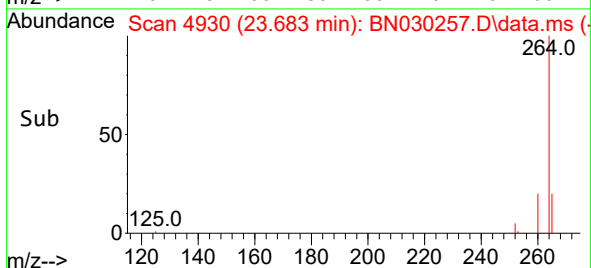
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

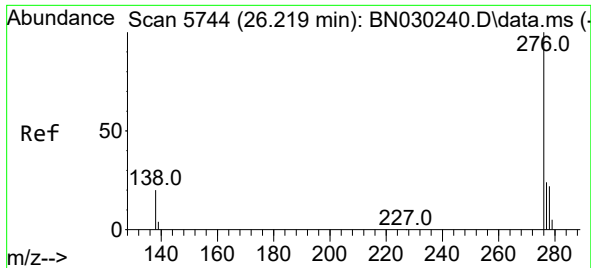


#26
Benzo(a)pyrene
Concen: 0.063 ng/ul
RT: 23.683 min Scan# 4930
Delta R.T. -0.012 min
Lab File: BN030257.D
Acq: 04 Mar 2024 15:13



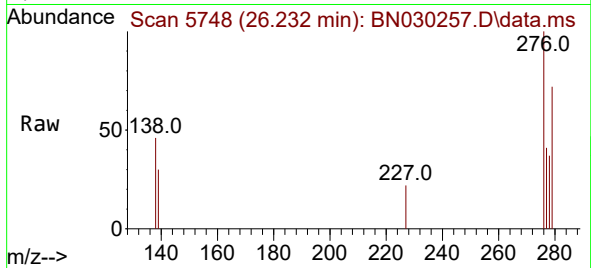
Tgt Ion:252 Resp: 1122
Ion Ratio Lower Upper
252 100
253 84.7 33.0 49.4#
125 33.2 16.9 25.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.042 ng/ul
RT: 26.232 min Scan# 5748
Delta R.T. 0.013 min
Lab File: BN030257.D
Acq: 04 Mar 2024 15:13

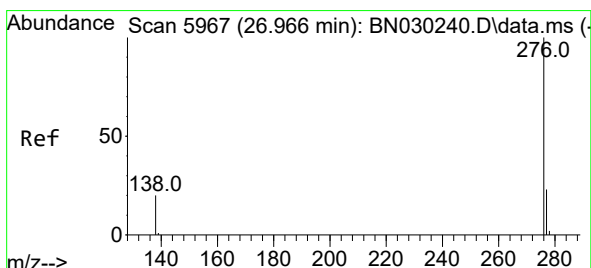
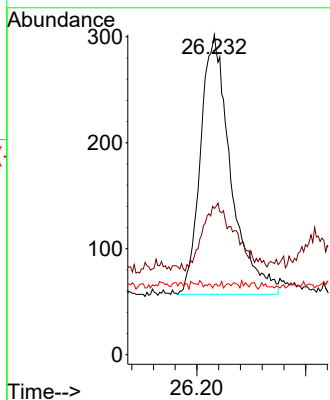
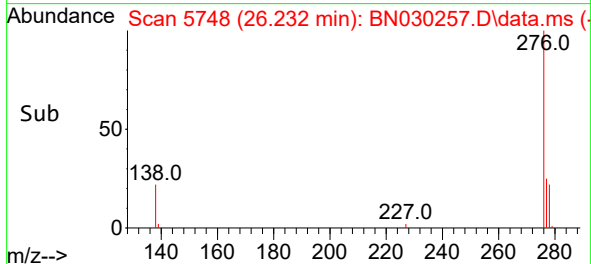
Instrument :
BNA_N
ClientSampleId :
E0S96



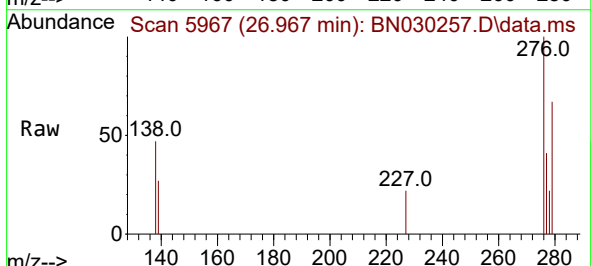
Tgt Ion:276 Resp: 940
Ion Ratio Lower Upper
276 100
138 28.8 20.9 31.3
227 0.3 0.1 0.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.048 ng/ul
RT: 26.967 min Scan# 5967
Delta R.T. 0.000 min
Lab File: BN030257.D
Acq: 04 Mar 2024 15:13



Tgt Ion:276 Resp: 1020
Ion Ratio Lower Upper
276 100
138 47.2 22.6 33.8#
277 40.9 21.9 32.9#

