

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028889.D
 Acq On : 27 Nov 2023 21:22
 Operator : MA/JU
 Sample : 05416-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 28 04:30:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.656	152	5082m	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.429	136	17174	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.288	164	9148	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.043	188	16368	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.260	240	13538	0.400	ng/ul	# 0.00
23) Perylene-d12	23.531	264	15941	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	12984	2.312	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.041	152	2529	0.098	ng/ul	-0.03
18) Fluoranthene-d10	19.085	212	5770	0.132	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.473	128	65689	1.365	ng/ul	100
7) 2-Methylnaphthalene	12.096	142	63140	1.991	ng/ul	99
8) 1-Methylnaphthalene	12.316	142	49762	1.545	ng/ul	100
15) Phenanthrene	17.081	178	118583	2.358	ng/ul	100
16) Anthracene	17.174	178	5252	0.114	ng/ul#	82
19) Fluoranthene	19.113	202	17254	0.300	ng/ul#	93
20) Pyrene	19.475	202	18808	0.315	ng/ul#	89
21) Benzo(a)anthracene	21.246	228	5523	0.103	ng/ul#	68
22) Chrysene	21.295	228	20748m	0.396	ng/ul	
24) Benzo(b)fluoranthene	22.847	252	6162m	0.103	ng/ul	
26) Benzo(a)pyrene	23.432	252	1842	0.033	ng/ul#	1
29) Benzo(g,h,i)perylene	26.571	276	4177	0.081	ng/ul#	66

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

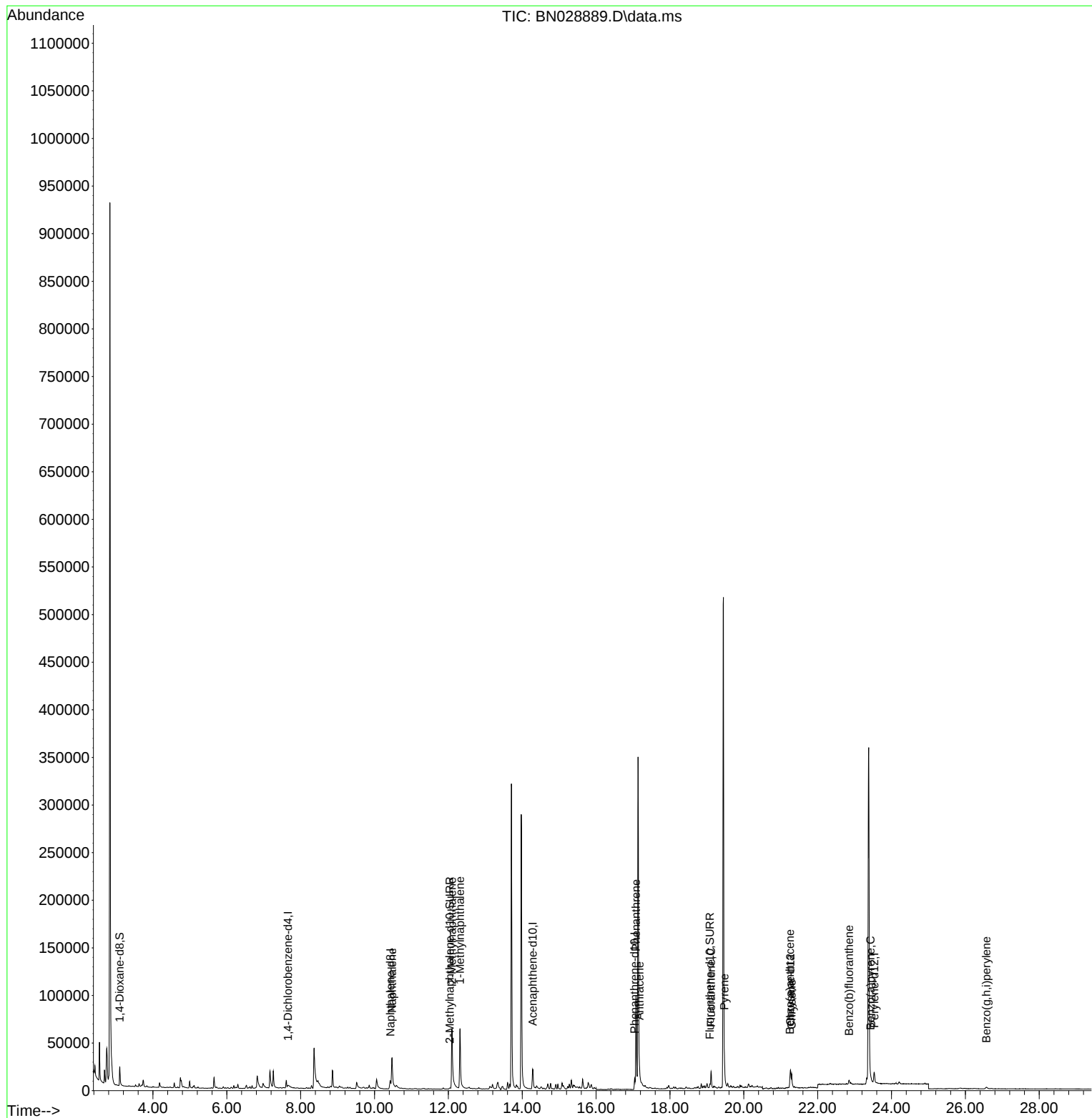
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028889.D
Acq On : 27 Nov 2023 21:22
Operator : MA/JU
Sample : 05416-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

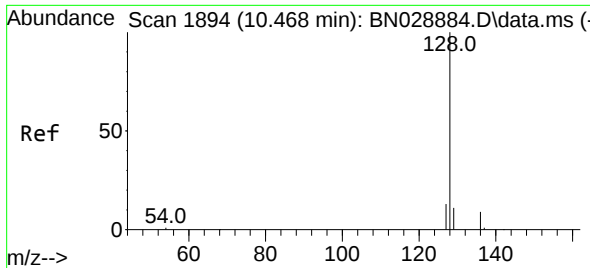
Instrument :
BNA_N
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

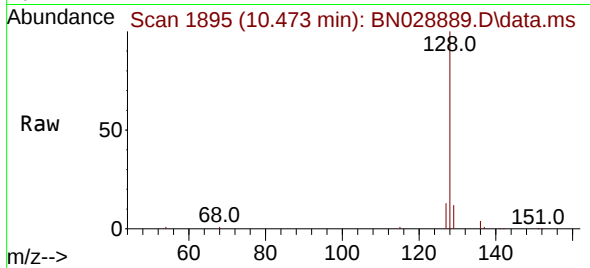
Quant Time: Nov 28 04:30:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.365 ng/ul
RT: 10.473 min Scan# 1895
Delta R.T. -0.033 min
Lab File: BN028889.D
Acq: 27 Nov 2023 21:22

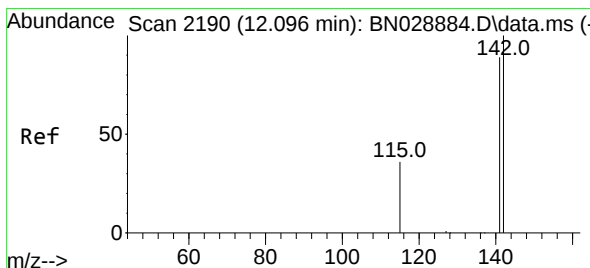
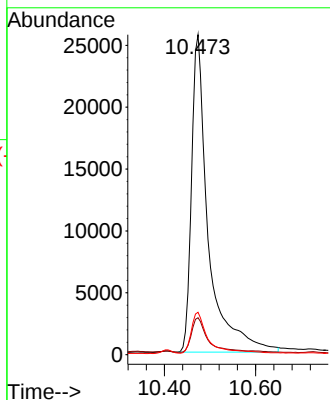
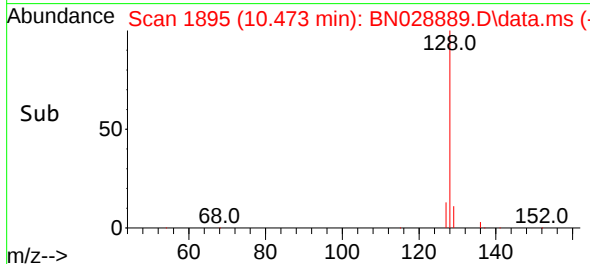
Instrument :
BNA_N
ClientSampleId :
C0AB2



Tgt Ion:128 Resp: 65689
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.3 10.7 16.1

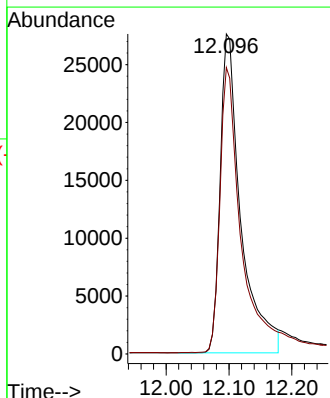
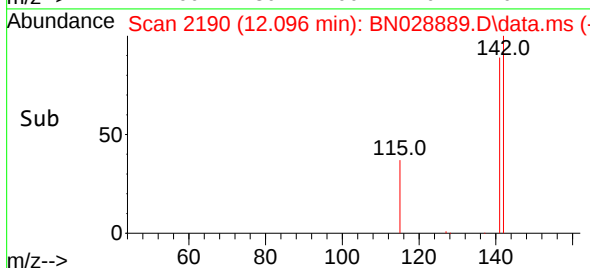
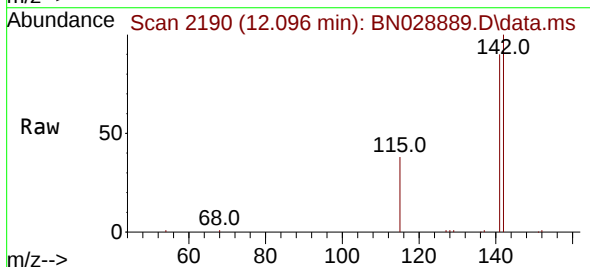
Manual Integrations
APPROVED

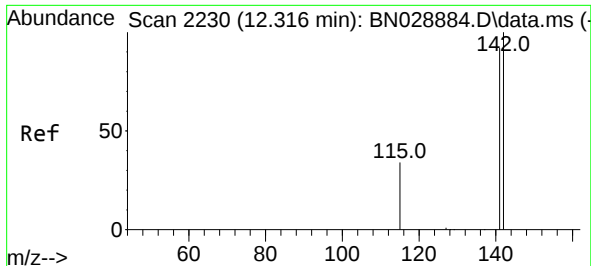
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#7
2-Methylnaphthalene
Concen: 1.991 ng/ul
RT: 12.096 min Scan# 2190
Delta R.T. -0.044 min
Lab File: BN028889.D
Acq: 27 Nov 2023 21:22

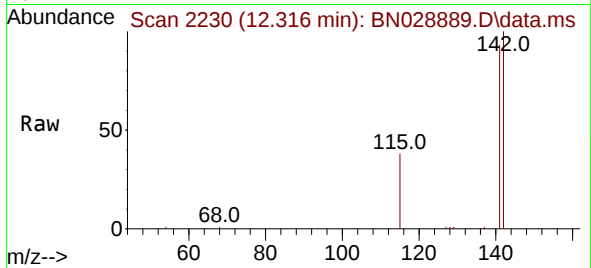
Tgt Ion:142 Resp: 63140
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2





#8
1-Methylnaphthalene
Concen: 1.545 ng/ul
RT: 12.316 min Scan# 21
Delta R.T. -0.022 min
Lab File: BN028889.D
Acq: 27 Nov 2023 21:22

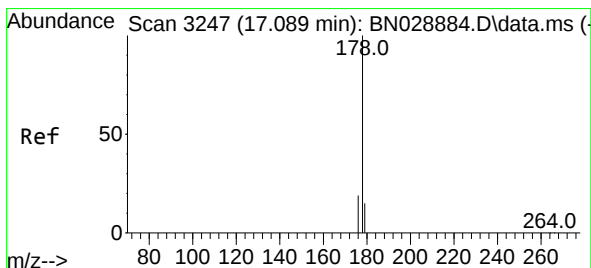
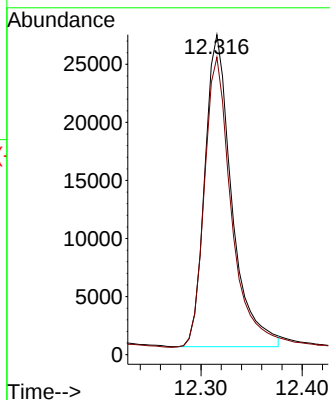
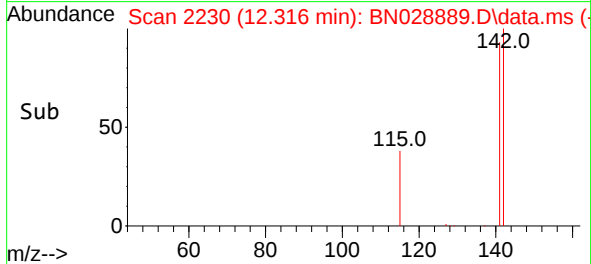
Instrument :
BNA_N
ClientSampleId :
C0AB2



Tgt Ion:142 Resp: 49762
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

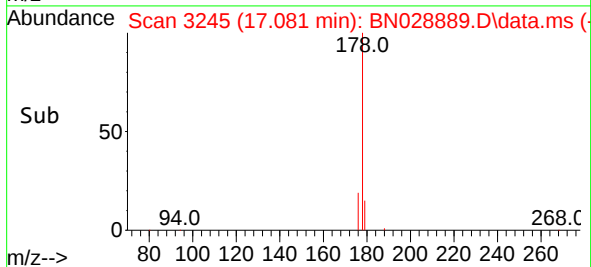
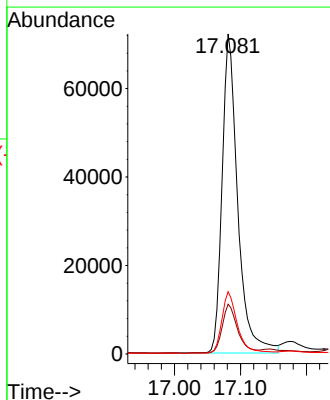
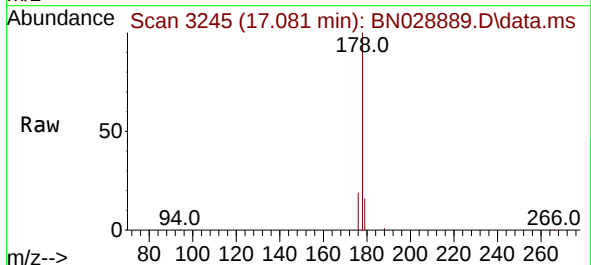
Manual Integrations
APPROVED

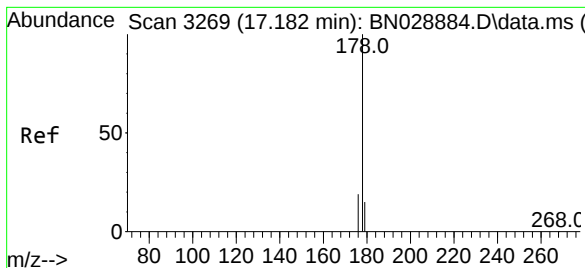
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#15
Phenanthrene
Concen: 2.358 ng/ul
RT: 17.081 min Scan# 3245
Delta R.T. -0.022 min
Lab File: BN028889.D
Acq: 27 Nov 2023 21:22

Tgt Ion:178 Resp: 118583
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.5 15.4 23.2





#16

Anthracene

Concen: 0.114 ng/ul

RT: 17.174 min Scan# 31

Delta R.T. -0.030 min

Lab File: BN028889.D

Acq: 27 Nov 2023 21:22

Instrument :

BNA_N

ClientSampleId :

C0AB2

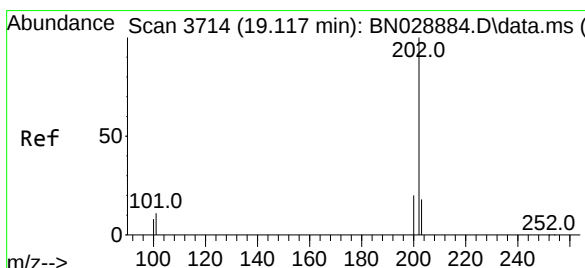
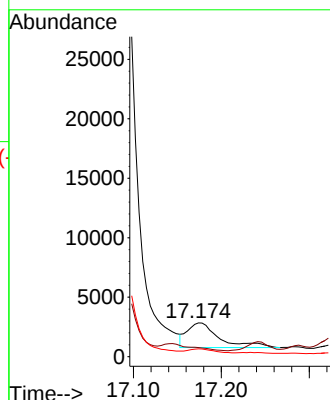
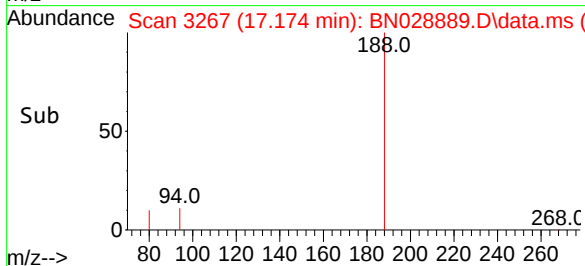
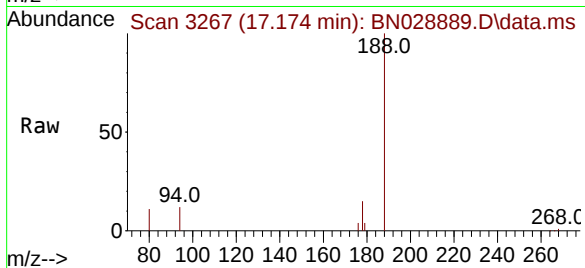
Tgt Ion:178	Resp:	525
Ion Ratio	Lower	Upper
178	100	
179	27.2	12.6 18.8
176	23.3	14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#19

Fluoranthene

Concen: 0.300 ng/ul

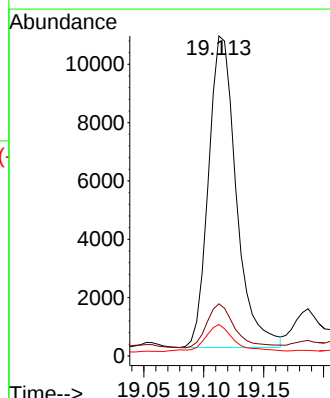
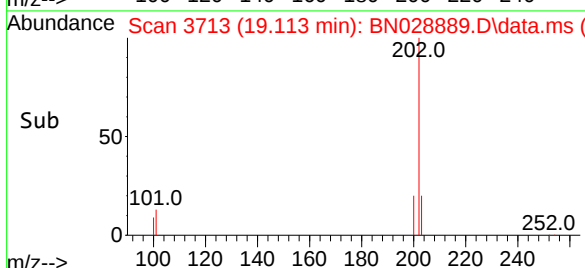
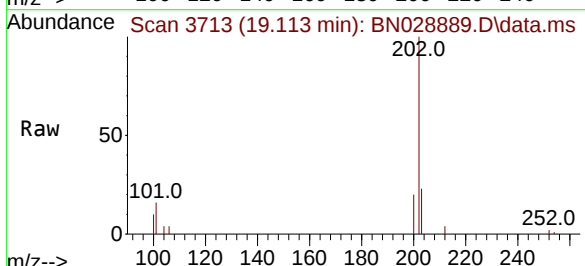
RT: 19.113 min Scan# 3713

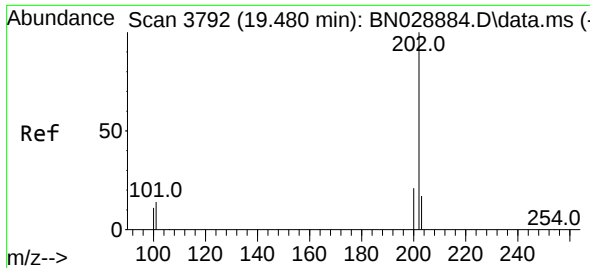
Delta R.T. -0.010 min

Lab File: BN028889.D

Acq: 27 Nov 2023 21:22

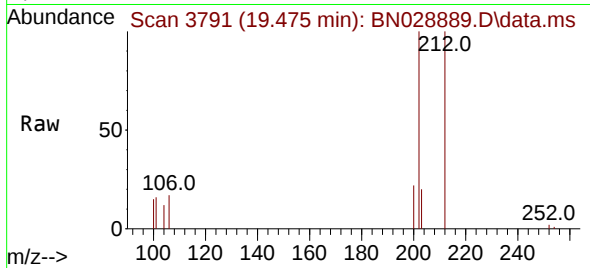
Tgt Ion:202	Resp:	17254
Ion Ratio	Lower	Upper
202	100	
101	16.3	9.5 14.3
100	9.8	7.2 10.8





#20
Pyrene
Concen: 0.315 ng/ul
RT: 19.475 min Scan# 3791
Delta R.T. -0.010 min
Lab File: BN028889.D
Acq: 27 Nov 2023 21:22

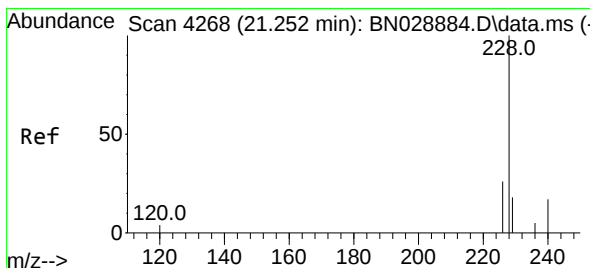
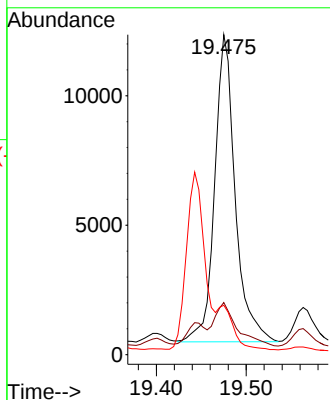
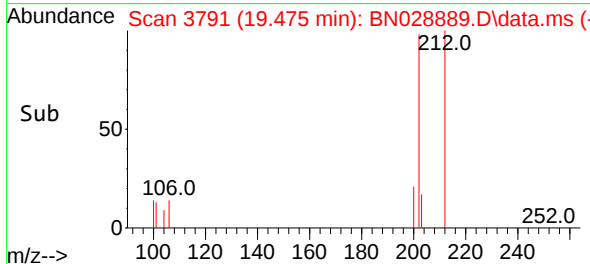
Instrument :
BNA_N
ClientSampleId :
C0AB2



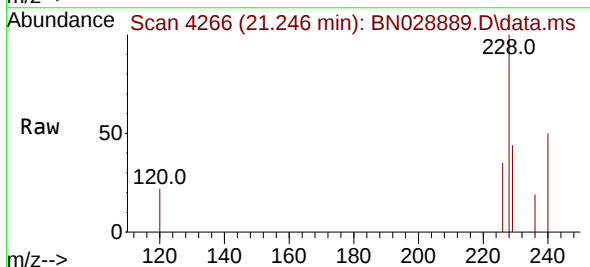
Tgt Ion:202 Resp: 18808
Ion Ratio Lower Upper
202 100
101 16.3 10.3 15.5#
100 15.4 8.2 12.2#

Manual Integrations
APPROVED

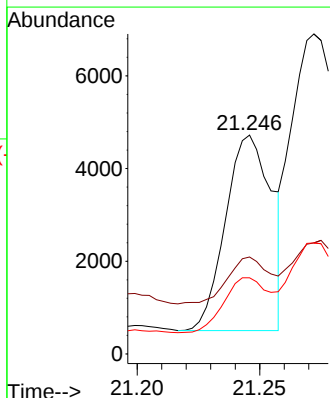
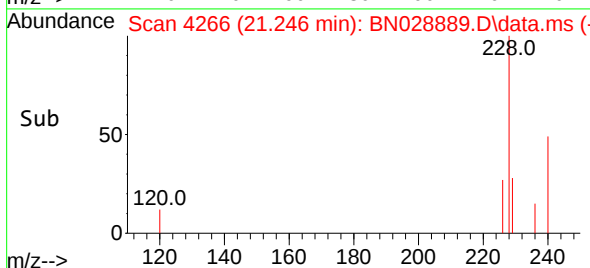
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

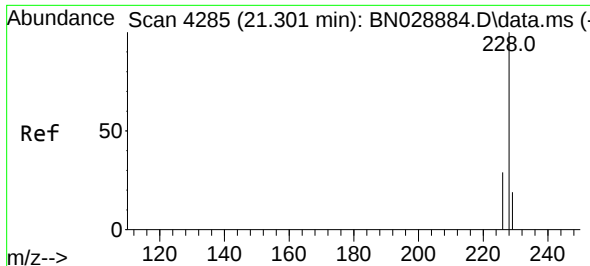


#21
Benzo(a)anthracene
Concen: 0.103 ng/ul
RT: 21.246 min Scan# 4266
Delta R.T. -0.010 min
Lab File: BN028889.D
Acq: 27 Nov 2023 21:22



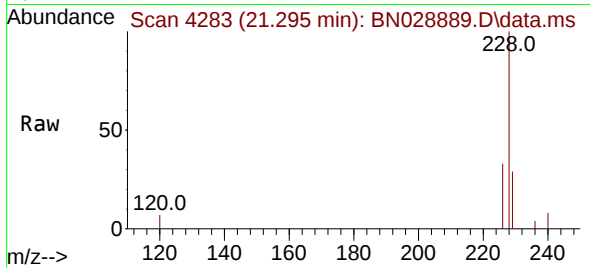
Tgt Ion:228 Resp: 5523
Ion Ratio Lower Upper
228 100
229 44.3 15.7 23.5#
226 34.8 21.4 32.0#





#22
Chrysene
Concen: 0.396 ng/ul m
RT: 21.295 min Scan# 4285
Delta R.T. -0.010 min
Lab File: BN028889.D
Acq: 27 Nov 2023 21:22

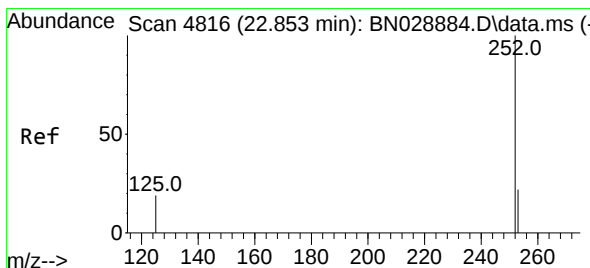
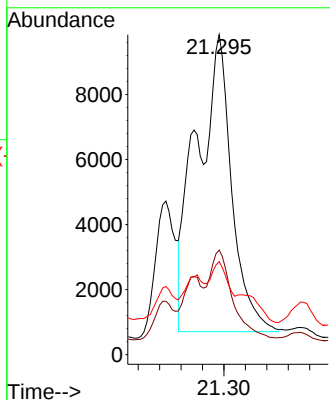
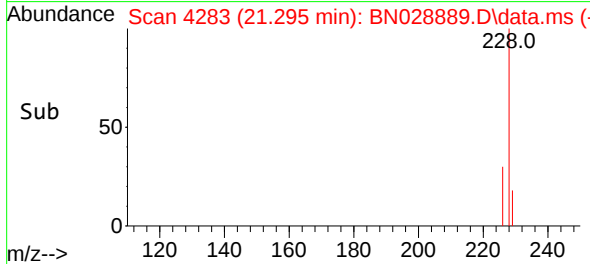
Instrument :
BNA_N
ClientSampleId :
C0AB2



Tgt Ion:228 Resp: 20748
Ion Ratio Lower Upper
228 100
226 32.7 23.8 35.8
229 29.1 15.4 23.2

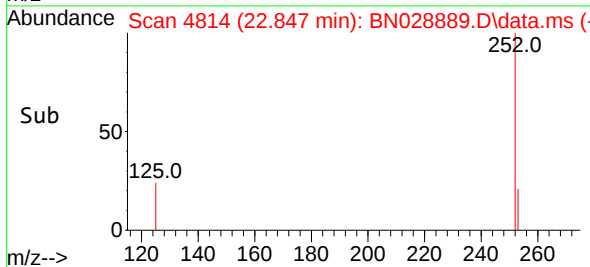
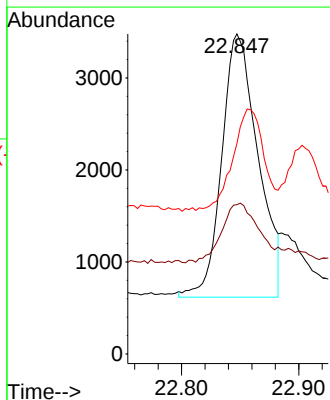
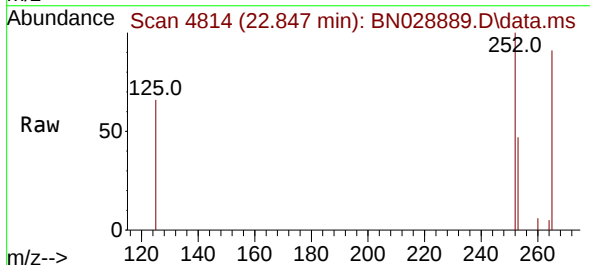
Manual Integrations
APPROVED

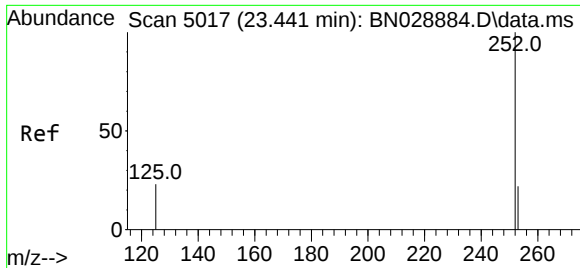
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#24
Benzo(b)fluoranthene
Concen: 0.103 ng/ul m
RT: 22.847 min Scan# 4814
Delta R.T. -0.007 min
Lab File: BN028889.D
Acq: 27 Nov 2023 21:22

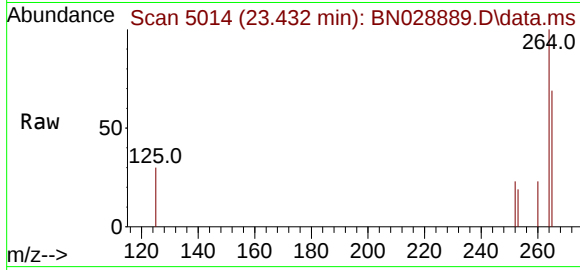
Tgt Ion:252 Resp: 6162
Ion Ratio Lower Upper
252 100
253 46.7 0.0 46.6#
125 65.8 0.0 27.6#





#26
Benzo(a)pyrene
Concen: 0.033 ng/ul
RT: 23.432 min Scan# 5017
Delta R.T. -0.012 min
Lab File: BN028889.D
Acq: 27 Nov 2023 21:22

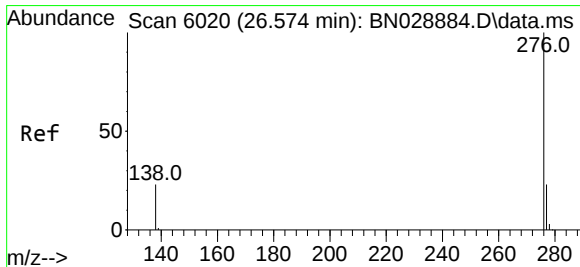
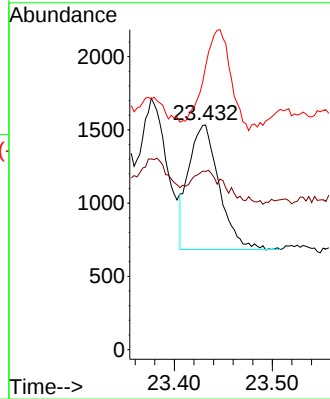
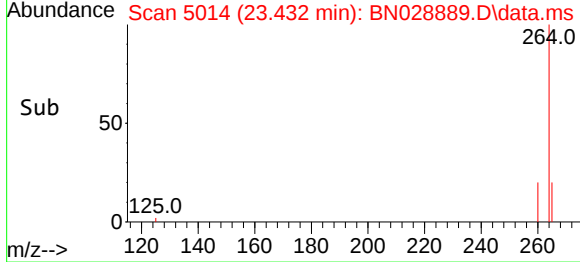
Instrument :
BNA_N
ClientSampleId :
C0AB2



Tgt Ion:252 Resp: 184
Ion Ratio Lower Upper
252 100
253 79.3 19.0 28.6
125 126.2 13.2 19.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#29
Benzo(g,h,i)perylene
Concen: 0.081 ng/ul
RT: 26.571 min Scan# 6019
Delta R.T. -0.007 min
Lab File: BN028889.D
Acq: 27 Nov 2023 21:22

Tgt Ion:276 Resp: 4177
Ion Ratio Lower Upper
276 100
138 48.0 20.5 30.7#
277 36.0 19.4 29.0#

