

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031822.D
 Acq On : 06 Jun 2024 17:14
 Operator : MA/JU
 Sample : P2634-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBX6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 18:41:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	387367	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.457	136	1619545	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.316	164	972863	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.062	188	1953336	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1589676	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1392611	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	37573	4.013	ng/uL	0.00
4) Pyridine-d5	3.593	84	186457	7.074	ng/u1	0.00
7) Phenol-d5	6.845	99	731107	22.016	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	412748	21.249	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.204	132	573555	22.636	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	521829	19.277	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	288759	23.319	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.545	143	305581	23.889	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.075	165	522969	21.900	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.598	131	571810	16.127	ng/u1	-0.01
46) Dimethylphthalate-d6	13.727	166	1580411	23.318	ng/u1	-0.02
49) Acenaphthylene-d8	14.004	160	1861857	23.891	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.527	143	252839	18.632	ng/u1	0.00
60) Fluorene-d10	15.310	176	1358292	23.686	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	180373	18.371	ng/u1	0.00
73) Anthracene-d10	17.162	188	1971318	23.573	ng/u1	0.00
81) Pyrene-d10	19.462	212	2403816	28.258	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	1628736	24.493	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.104	178	417020	4.191	ng/u1	98
80) Fluoranthene	19.127	202	1181192	11.619	ng/u1	100
82) Pyrene	19.492	202	1110579	10.647	ng/u1	97
85) Benzo(a)anthracene	21.280	228	581758	5.467	ng/u1	99
87) Chrysene	21.339	228	630566	6.344	ng/u1	96
90) Benzo(b)fluoranthene	23.309	252	632872	7.603	ng/u1	98
91) Benzo(k)fluoranthene	23.362	252	230900m	2.827	ng/u1	
93) Benzo(a)pyrene	24.097	252	407244	5.224	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.538	276	300546	3.345	ng/u1	98
95) Dibenzo(a,h)anthracene	27.568	278	81017m	1.105	ng/u1	
96) Benzo(g,h,i)perylene	28.562	276	290883	4.073	ng/u1	98

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

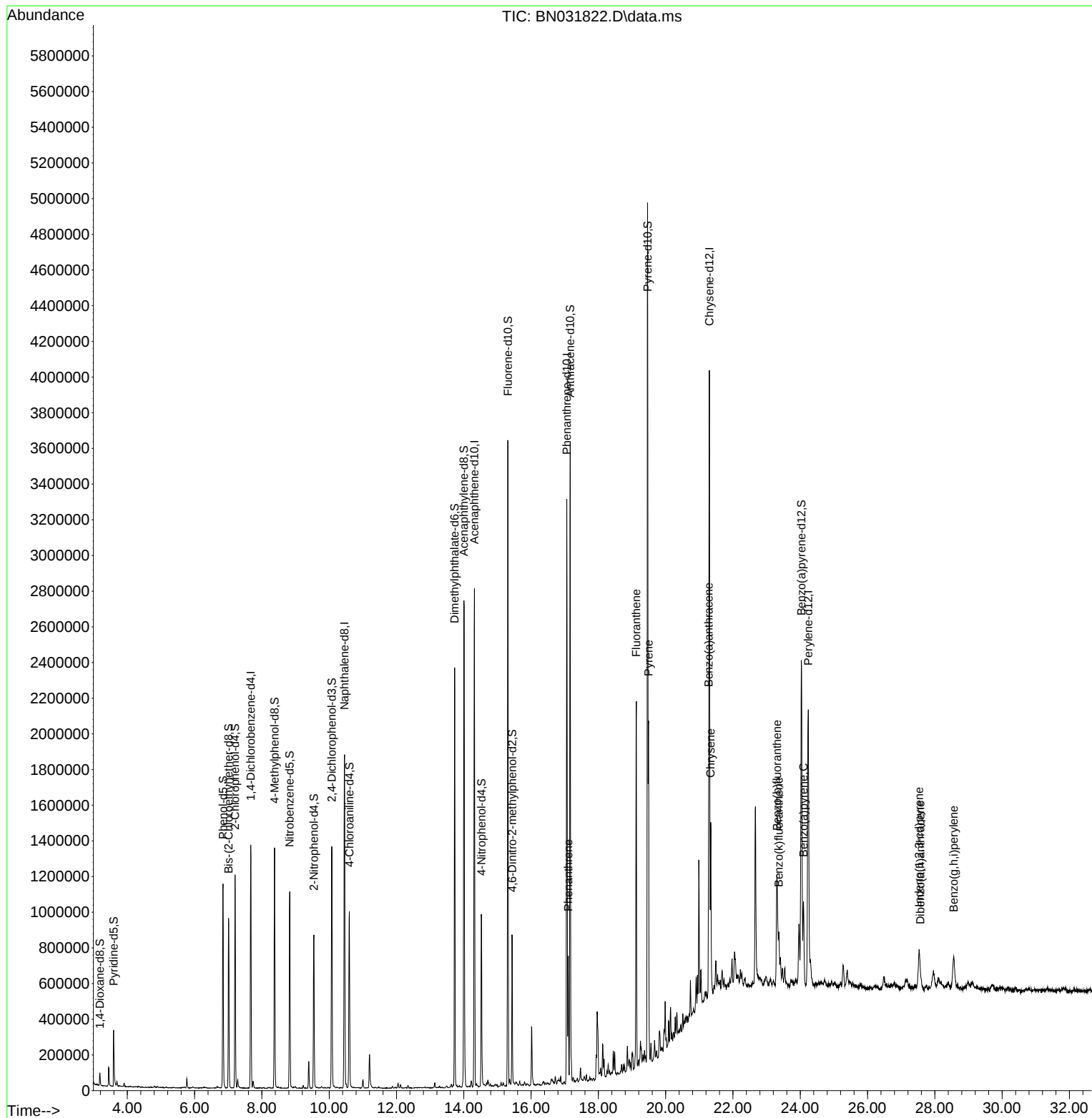
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031822.D
Acq On : 06 Jun 2024 17:14
Operator : MA/JU
Sample : P2634-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

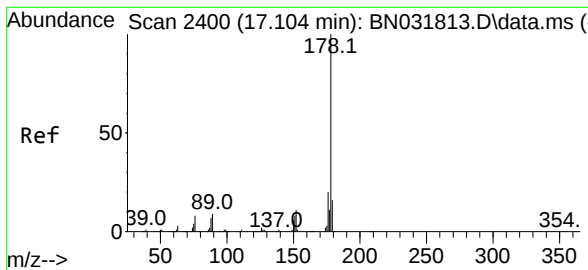
Instrument :
BNA_N
ClientSampleId :
BHBX6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 18:41:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration





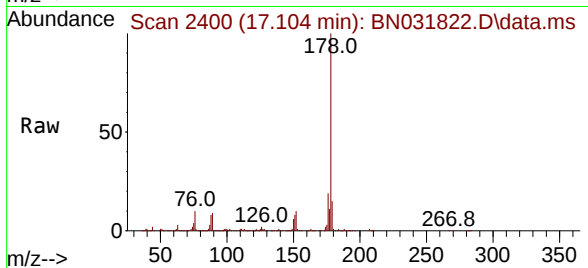
#72
 Phenanthrene
 Concen: 4.191 ng/ul
 RT: 17.104 min Scan# 2400
 Delta R.T. -0.012 min
 Lab File: BN031822.D
 Acq: 06 Jun 2024 17:14

Instrument :

BNA_N

ClientSampleId :

BHBX6

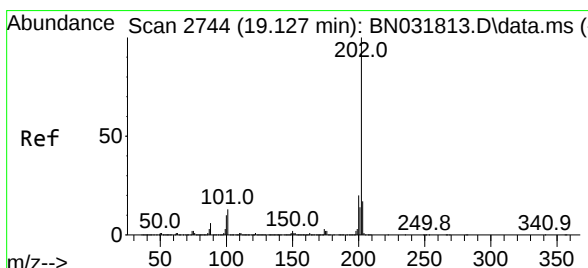
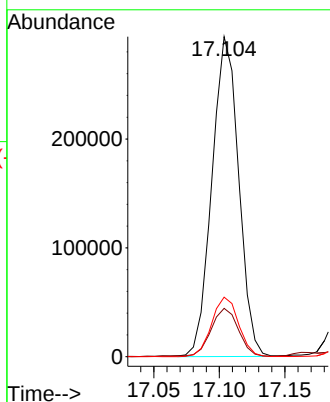
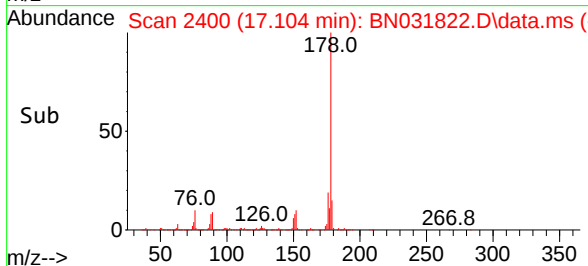


Tgt Ion:178 Resp: 417020
 Ion Ratio Lower Upper
 178 100
 179 15.1 12.6 19.0
 176 18.6 15.8 23.6

Manual Integrations

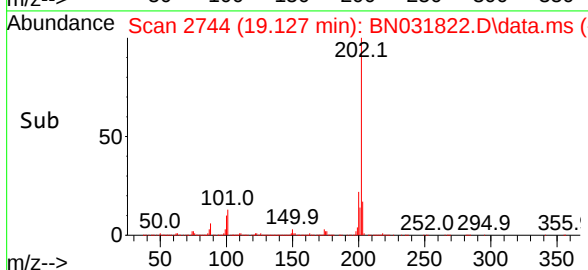
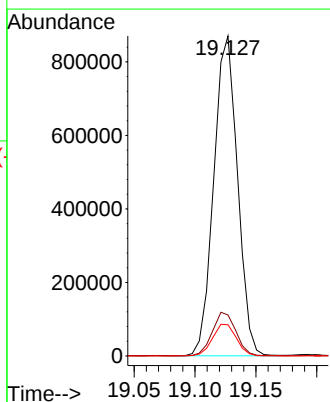
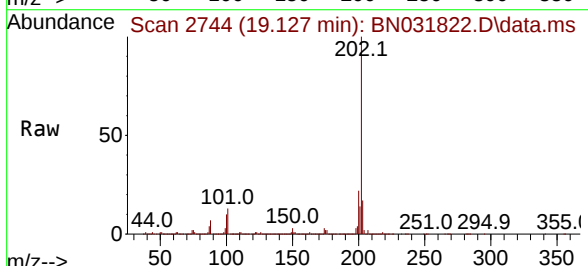
APPROVED

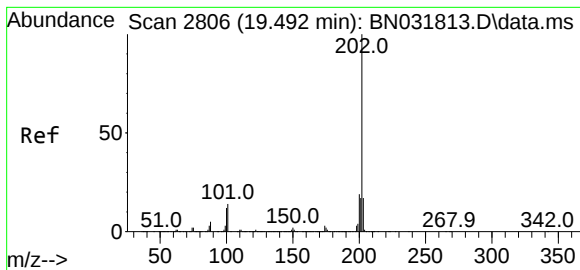
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



#80
 Fluoranthene
 Concen: 11.619 ng/ul
 RT: 19.127 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BN031822.D
 Acq: 06 Jun 2024 17:14

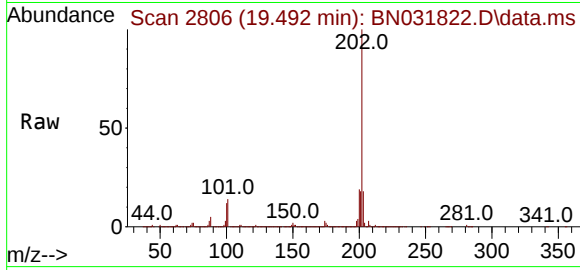
Tgt Ion:202 Resp: 1181192
 Ion Ratio Lower Upper
 202 100
 101 12.8 10.3 15.5
 100 9.8 8.0 12.0





#82
 Pyrene
 Concen: 10.647 ng/ul
 RT: 19.492 min Scan# 2110
 Delta R.T. -0.001 min
 Lab File: BN031822.D
 Acq: 06 Jun 2024 17:14

Instrument : BNA_N
 ClientSampleId : BHBX6

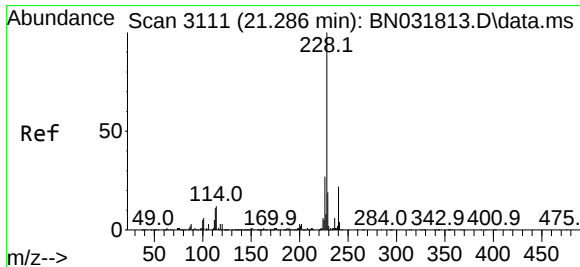
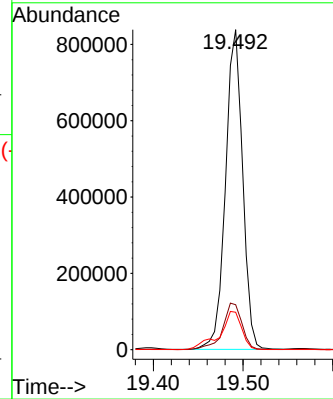
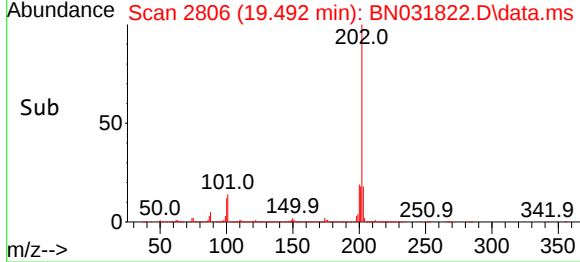


Tgt Ion: 202 Resp: 1110579

Ion	Ratio	Lower	Upper
202	100		
101	14.1	12.6	18.8
100	11.7	10.2	15.2

Manual Integrations
 APPROVED

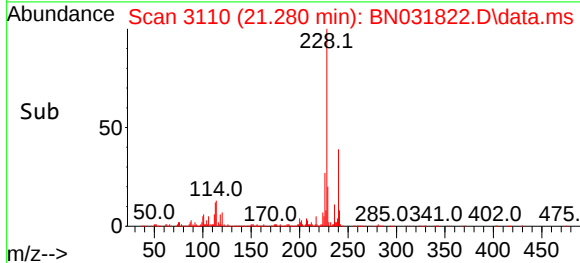
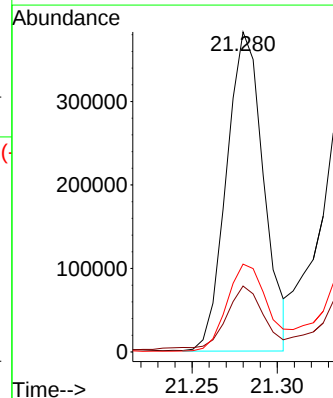
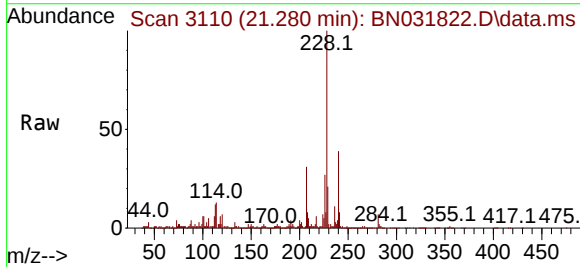
Reviewed By : Jagrut Upadhyay 06/07/2024
 Supervised By : mohammad ahmed 06/08/2024

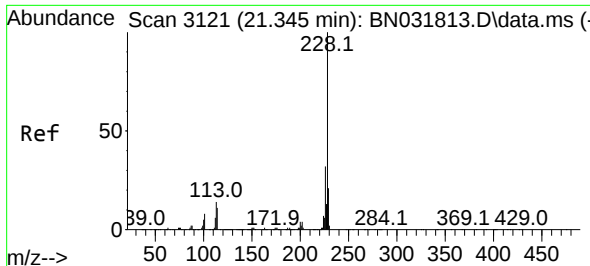


#85
 Benzo(a)anthracene
 Concen: 5.467 ng/ul
 RT: 21.280 min Scan# 3110
 Delta R.T. -0.006 min
 Lab File: BN031822.D
 Acq: 06 Jun 2024 17:14

Tgt Ion: 228 Resp: 581758

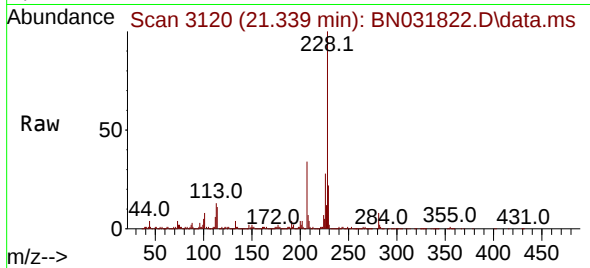
Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.7	25.1
226	27.4	22.8	34.2





#87
Chrysene
Concen: 6.344 ng/ul
RT: 21.339 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BN031822.D
Acq: 06 Jun 2024 17:14

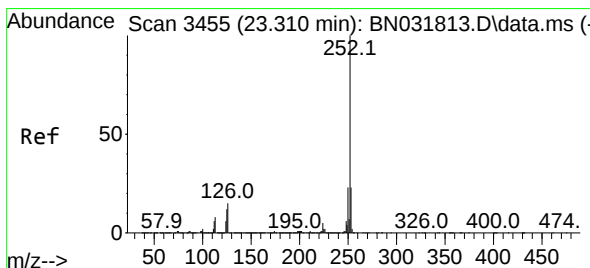
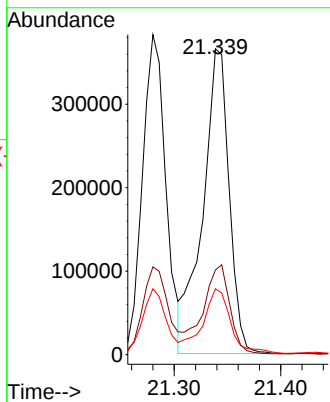
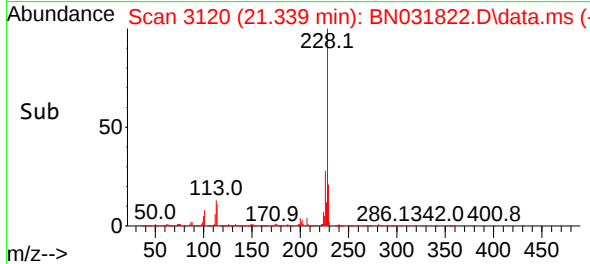
Instrument :
BNA_N
ClientSampleId :
BHBX6



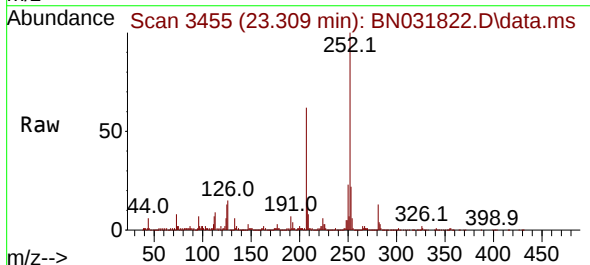
Tgt Ion:228 Resp: 630560
Ion Ratio Lower Upper
228 100
226 27.7 23.7 35.5
229 21.5 15.1 22.7

Manual Integrations
APPROVED

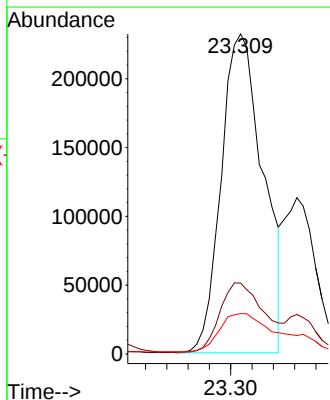
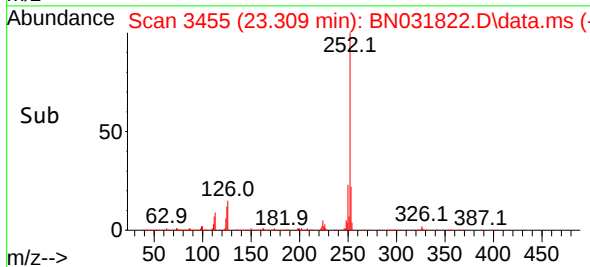
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

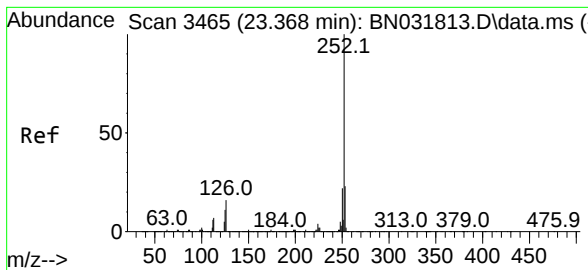


#90
Benzo(b)fluoranthene
Concen: 7.603 ng/ul
RT: 23.309 min Scan# 3455
Delta R.T. -0.001 min
Lab File: BN031822.D
Acq: 06 Jun 2024 17:14



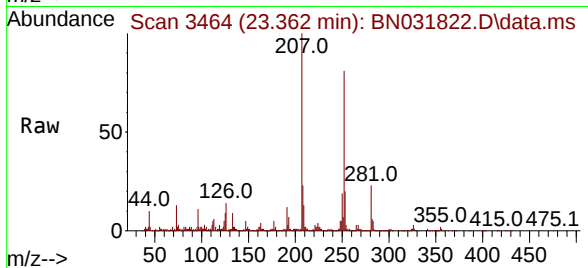
Tgt Ion:252 Resp: 632872
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.6 9.2 13.8





#91
 Benzo(k)fluoranthene
 Concen: 2.827 ng/ul m
 RT: 23.362 min Scan# 3465
 Delta R.T. -0.012 min
 Lab File: BN031822.D
 Acq: 06 Jun 2024 17:14

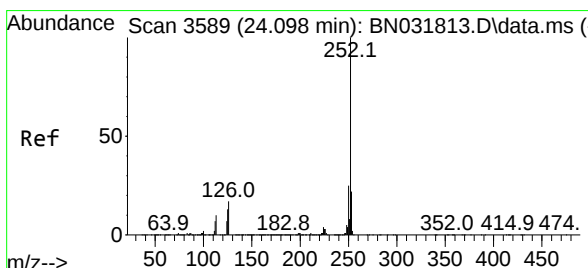
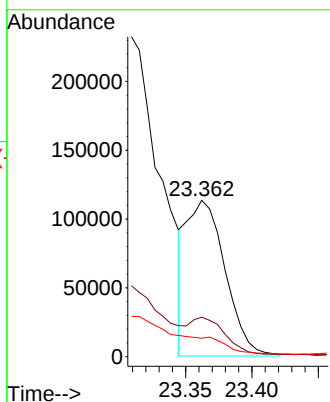
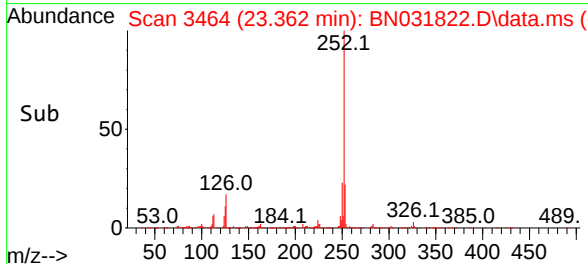
Instrument : BNA_N
 ClientSampleId : BHBX6



Tgt Ion:252 Resp: 230900
 Ion Ratio Lower Upper
 252 100
 253 25.3 17.6 26.4
 125 11.8 9.4 14.2

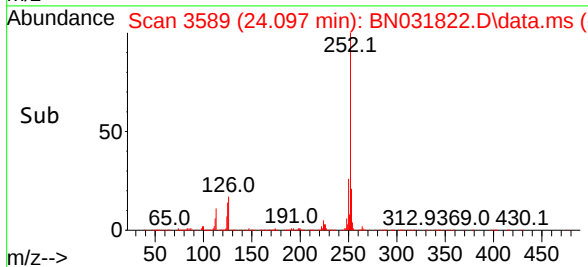
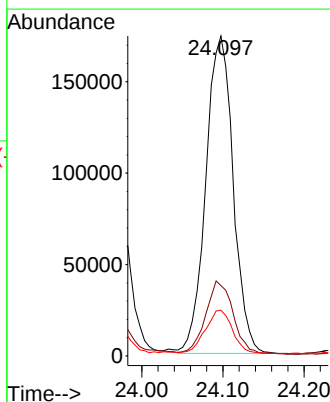
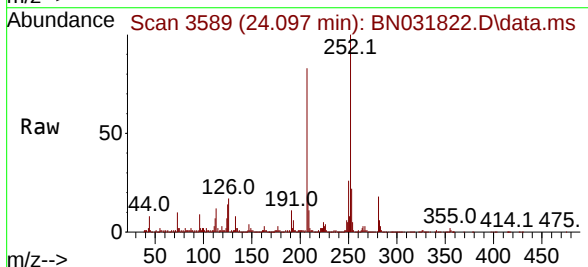
Manual Integrations
 APPROVED

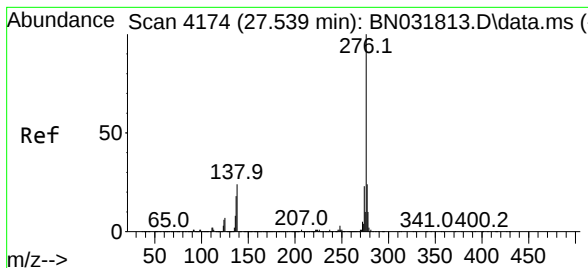
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



#93
 Benzo(a)pyrene
 Concen: 5.224 ng/ul
 RT: 24.097 min Scan# 3589
 Delta R.T. -0.006 min
 Lab File: BN031822.D
 Acq: 06 Jun 2024 17:14

Tgt Ion:252 Resp: 407244
 Ion Ratio Lower Upper
 252 100
 253 22.0 16.6 24.8
 125 14.3 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.345 ng/ul

RT: 27.538 min Scan# 4174

Delta R.T. 0.005 min

Lab File: BN031822.D

Acq: 06 Jun 2024 17:14

Instrument :

BNA_N

ClientSampleId :

BHBX6

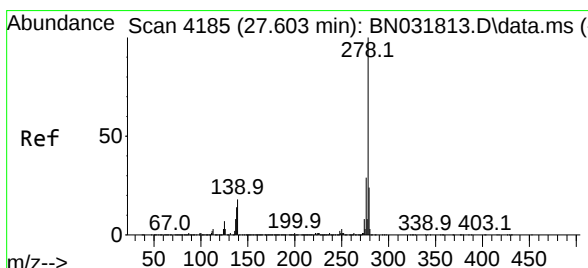
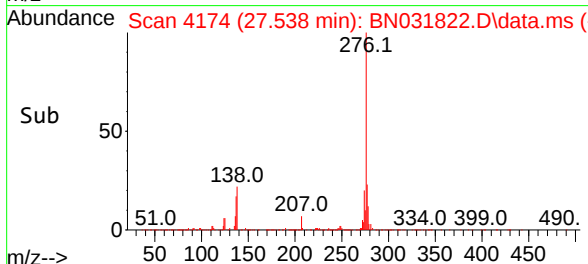
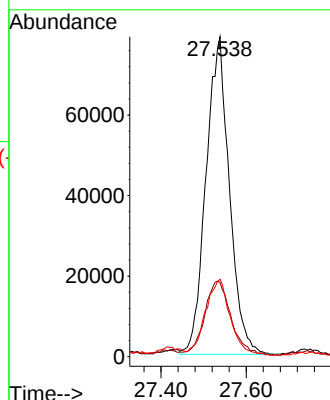
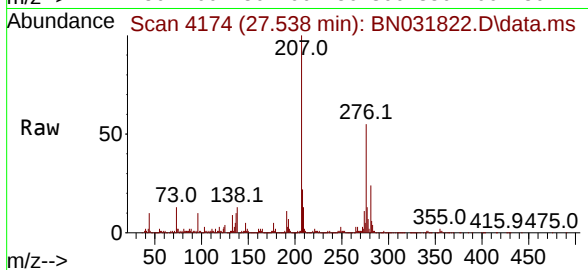
Tgt Ion: 276 Resp: 300540

Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.1	27.1
277	24.2	18.2	27.2

Manual Integrations

APPROVED

Reviewed By : Jagrut Upadhyay 06/07/2024
Supervised By : mohammad ahmed 06/08/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.105 ng/ul m

RT: 27.568 min Scan# 4179

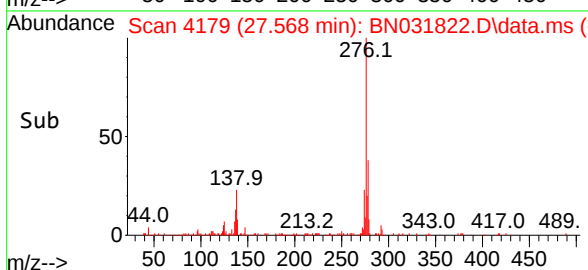
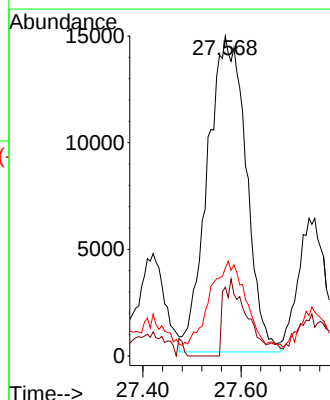
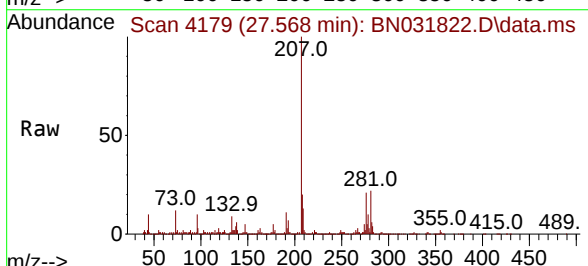
Delta R.T. -0.036 min

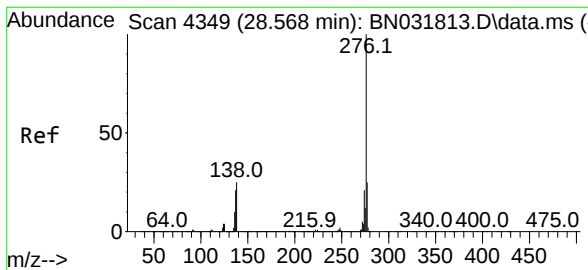
Lab File: BN031822.D

Acq: 06 Jun 2024 17:14

Tgt Ion: 278 Resp: 81017

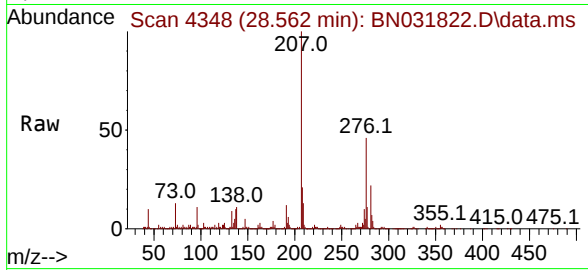
Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.0	22.6
279	27.4	17.4	26.0





#96
 Benzo(g,h,i)perylene
 Concen: 4.073 ng/ul
 RT: 28.562 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BN031822.D
 Acq: 06 Jun 2024 17:14

Instrument :
 BNA_N
 ClientSampleId :
 BHBX6



Tgt Ion: 276 Resp: 29088

Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.9	31.3
277	22.7	18.0	27.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

