

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
 Data File : BN021791.D
 Acq On : 16 Sep 2022 16:32
 Operator : CG/JU
 Sample : N4601-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5741

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
 Supervised By :mohammad ahmed 09/19/2022

Quant Time: Sep 17 00:22:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 17 00:17:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	186749	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	841850	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	517538	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	968451	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	687367	20.000	ng/u1	# 0.00
88) Perylene-d12	24.157	264	564167	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	19391	3.899	ng/uL	0.00
4) Pyridine-d5	3.811	84	21616	1.595	ng/u1	0.02
7) Phenol-d5	7.205	99	360516	21.285	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	236246	23.043	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	309881	25.147	ng/u1	0.00
15) 4-Methylphenol-d8	8.763	113	276734	20.823	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	161898	28.227	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	179056	34.951	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	306488	27.013	ng/u1	0.00
31) 4-Chloroaniline-d4	11.022	131	28291	1.468	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	950659	26.875	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	616327	14.945	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	158829	22.564	ng/u1	0.00
60) Fluorene-d10	15.698	176	773533	25.131	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	133550	34.477	ng/u1	0.00
73) Anthracene-d10	17.557	188	905973	21.228	ng/u1	0.00
81) Pyrene-d10	19.851	212	1062376	32.500	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	468705	17.528	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.428	152	55583	1.168	ng/u1	100
72) Phenanthrene	17.498	178	665888	13.017	ng/u1	99
74) Anthracene	17.592	178	103747	2.037	ng/u1	99
80) Fluoranthene	19.516	202	1340693	34.003	ng/u1	95
82) Pyrene	19.880	202	1074311	26.142	ng/u1#	93
85) Benzo(a)anthracene	21.633	228	463174	11.191	ng/u1	98
87) Chrysene	21.686	228	504611	12.593	ng/u1	98
90) Benzo(b)fluoranthene	23.386	252	629717	18.347	ng/u1#	92
91) Benzo(k)fluoranthene	23.427	252	176189m	5.738	ng/u1	
93) Benzo(a)pyrene	24.045	252	368427	11.219	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	26.798	276	280037	6.946	ng/u1	96
95) Dibenzo(a,h)anthracene	26.809	278	69301	2.037	ng/u1#	80
96) Benzo(g,h,i)perylene	27.615	276	234796	6.674	ng/u1	95

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

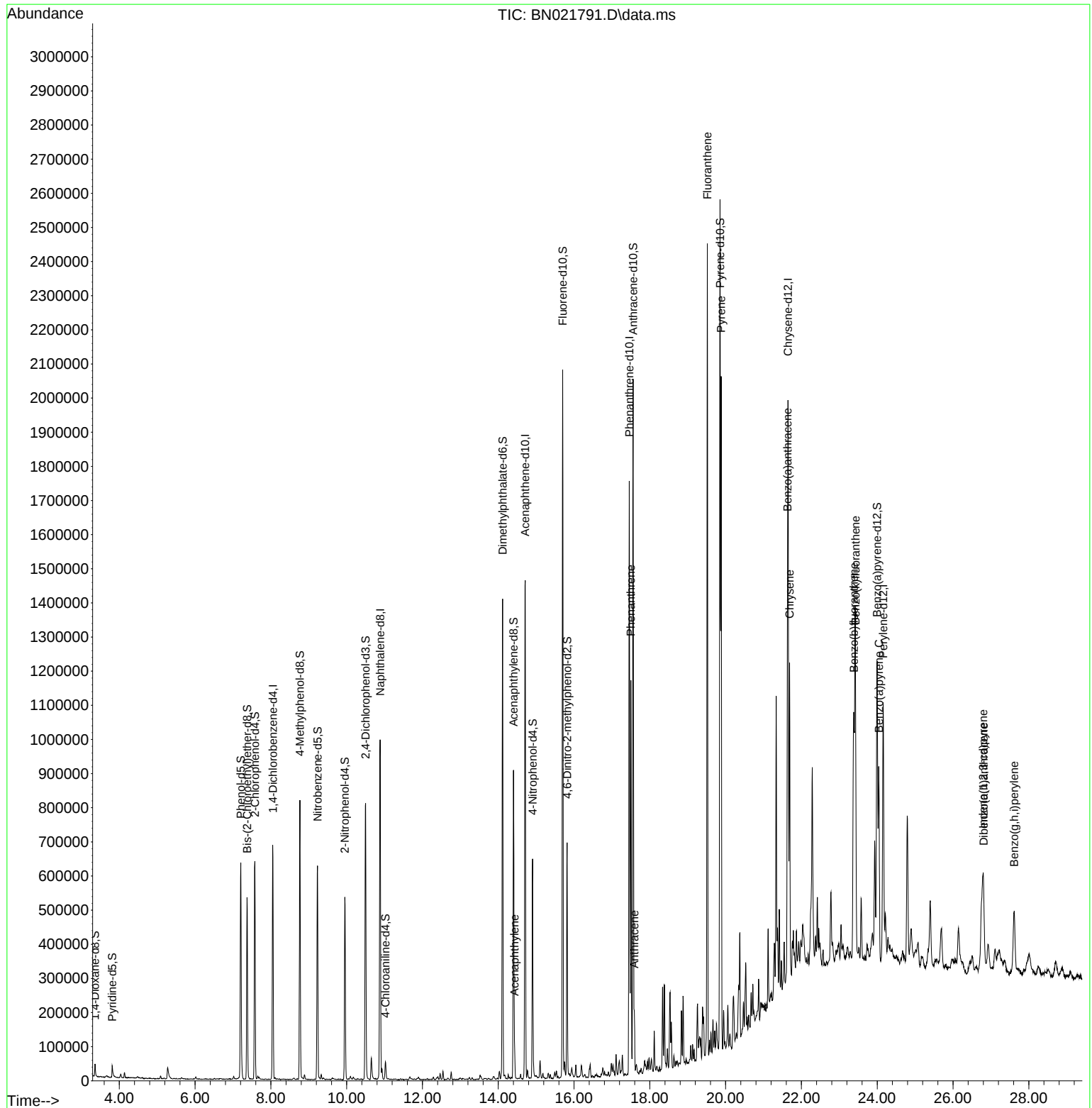
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
 Data File : BN021791.D
 Acq On : 16 Sep 2022 16:32
 Operator : CG/JU
 Sample : N4601-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

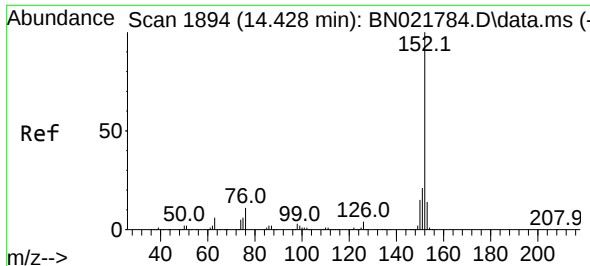
Instrument :
 BNA_N
 ClientSampleId :
 A5741

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
 Supervised By :mohammad ahmed 09/19/2022

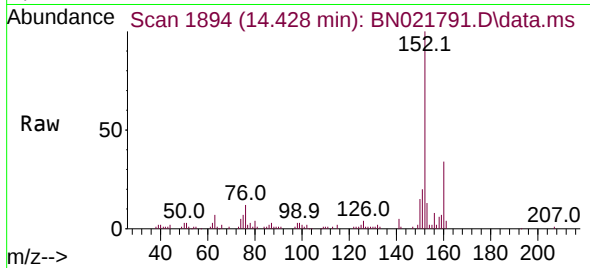
Quant Time: Sep 17 00:22:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 17 00:17:38 2022
 Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.168 ng/ul
RT: 14.428 min Scan# 1894
Delta R.T. -0.000 min
Lab File: BN021791.D
Acq: 16 Sep 2022 16:32

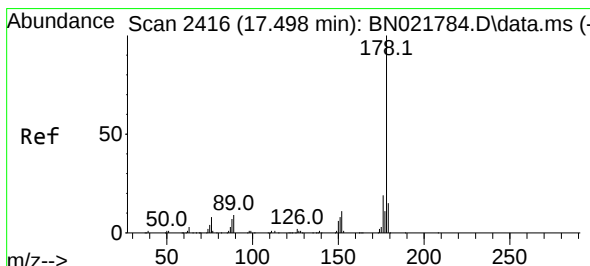
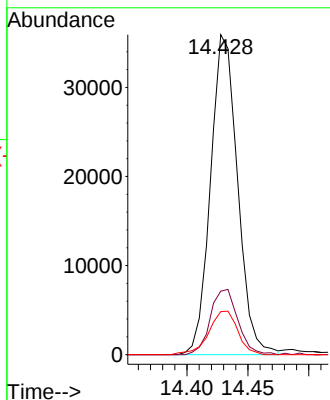
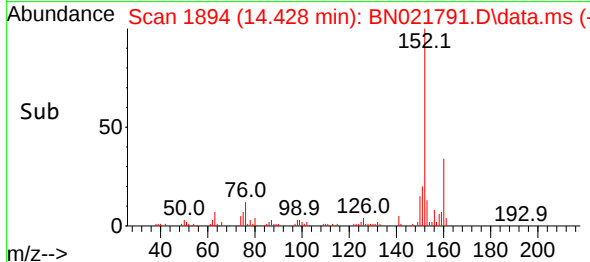
Instrument : BNA_N
ClientSampleId : A5741



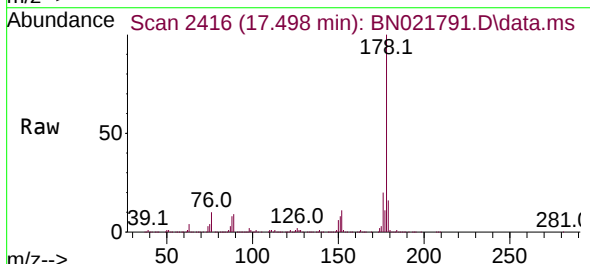
Tgt Ion:152 Resp: 55583
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.4 10.7 16.1

Manual Integrations
APPROVED

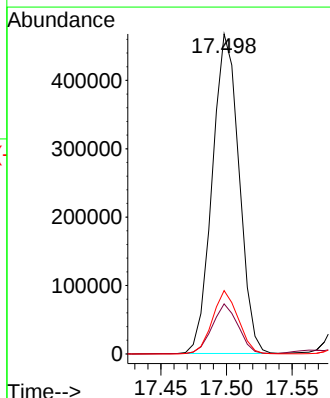
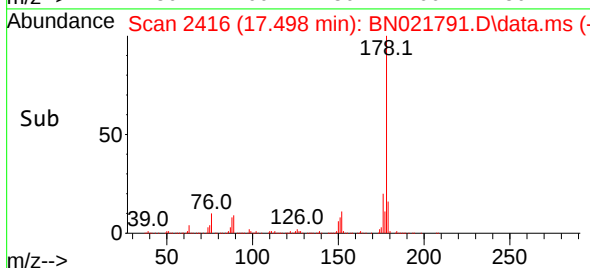
Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022

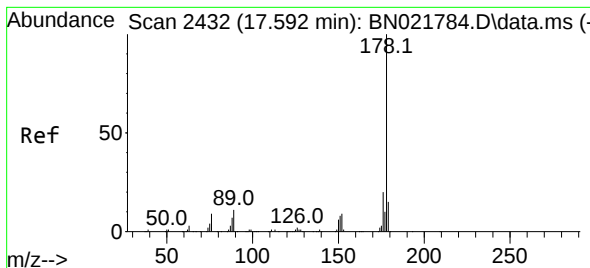


#72
Phenanthrene
Concen: 13.017 ng/ul
RT: 17.498 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BN021791.D
Acq: 16 Sep 2022 16:32



Tgt Ion:178 Resp: 665888
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 19.8 15.2 22.8





#74

Anthracene

Concen: 2.037 ng/ul

RT: 17.592 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BN021791.D

Acq: 16 Sep 2022 16:32

Instrument :

BNA_N

ClientSampleId :

A5741

Tgt Ion:178 Resp: 10374

Ion Ratio Lower Upper

178 100

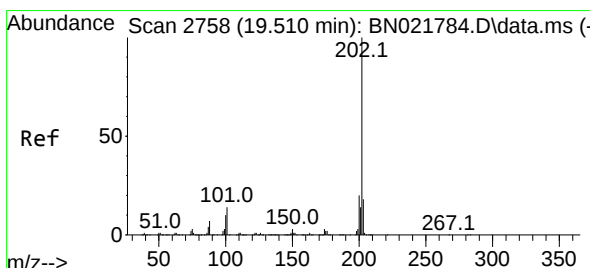
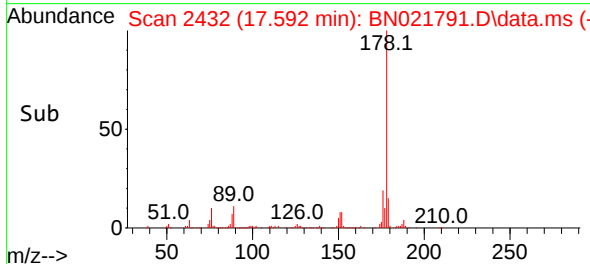
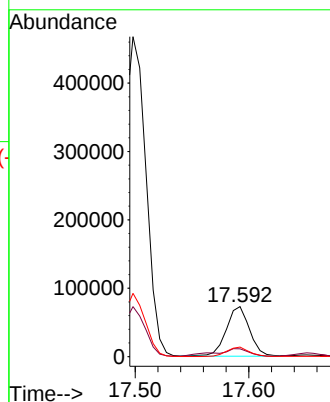
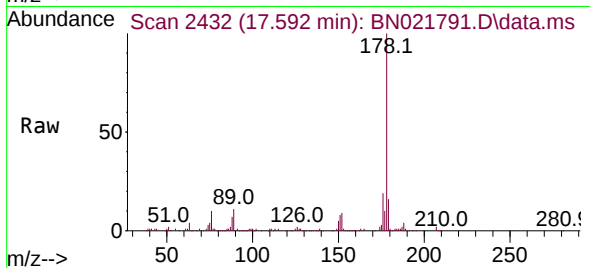
179 15.6 13.0 19.4

176 18.9 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022



#80

Fluoranthene

Concen: 34.003 ng/ul

RT: 19.516 min Scan# 2759

Delta R.T. 0.006 min

Lab File: BN021791.D

Acq: 16 Sep 2022 16:32

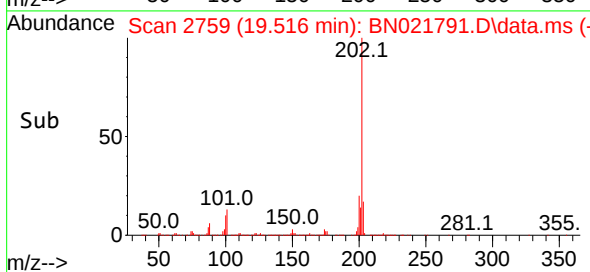
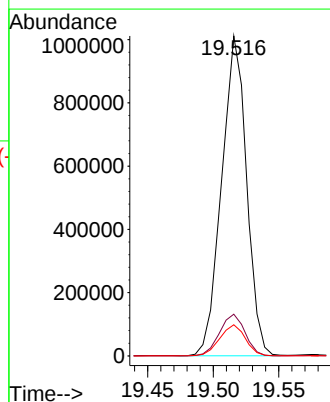
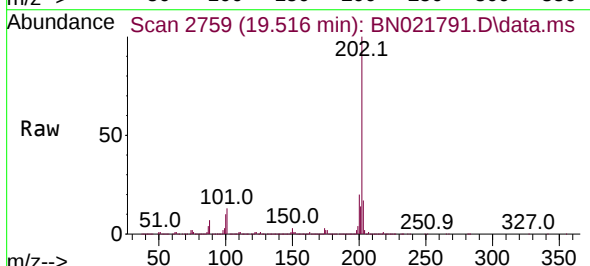
Tgt Ion:202 Resp: 1340693

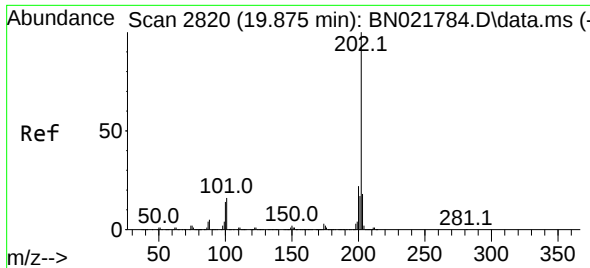
Ion Ratio Lower Upper

202 100

101 13.0 8.9 13.3

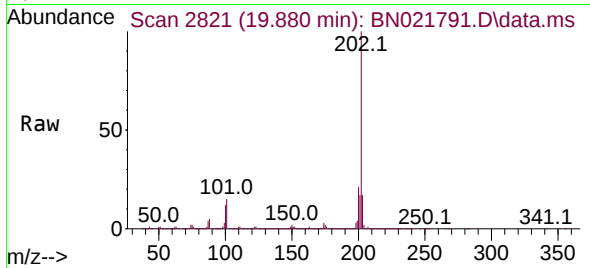
100 9.7 6.7 10.1





#82
Pyrene
Concen: 26.142 ng/ul
RT: 19.880 min Scan# 2820
Delta R.T. 0.006 min
Lab File: BN021791.D
Acq: 16 Sep 2022 16:32

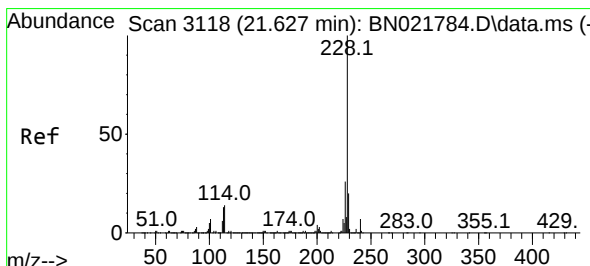
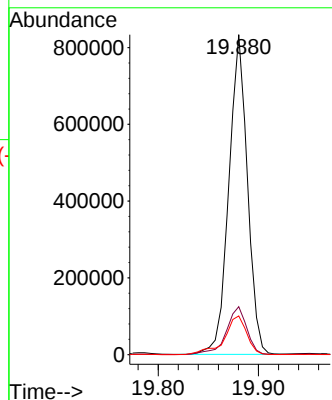
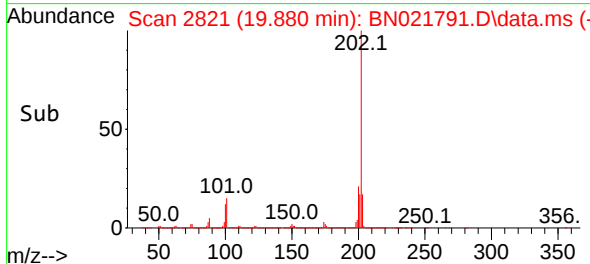
Instrument :
BNA_N
ClientSampleId :
A5741



Tgt Ion:202 Resp: 1074311
Ion Ratio Lower Upper
202 100
101 15.0 9.7 14.5
100 12.1 8.0 12.0

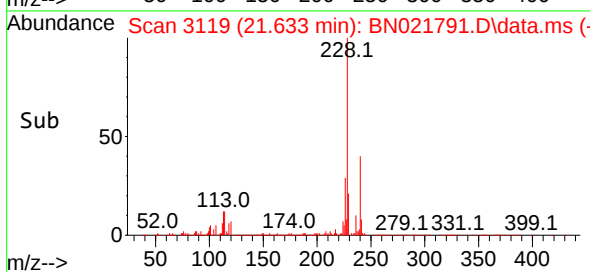
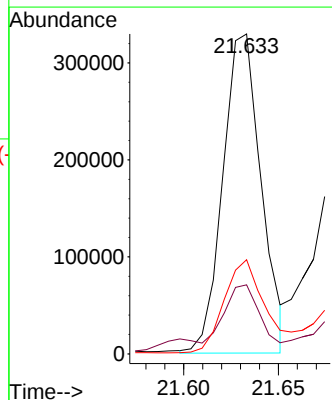
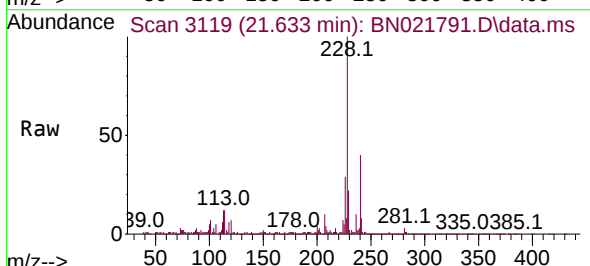
Manual Integrations
APPROVED

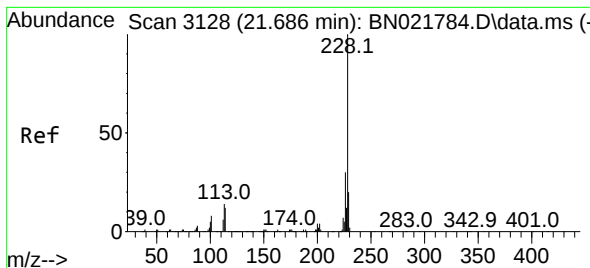
Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022



#85
Benzo(a)anthracene
Concen: 11.191 ng/ul
RT: 21.633 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BN021791.D
Acq: 16 Sep 2022 16:32

Tgt Ion:228 Resp: 463174
Ion Ratio Lower Upper
228 100
229 21.6 16.3 24.5
226 29.4 23.2 34.8





#87

Chrysene

Concen: 12.593 ng/ul

RT: 21.686 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BN021791.D

Acq: 16 Sep 2022 16:32

Instrument :

BNA_N

ClientSampleId :

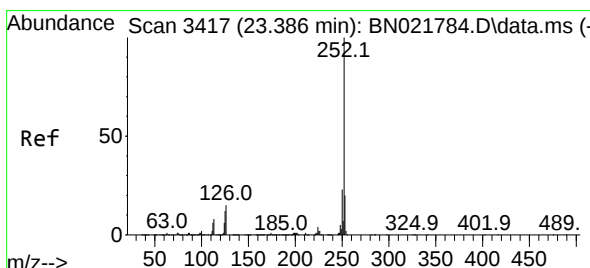
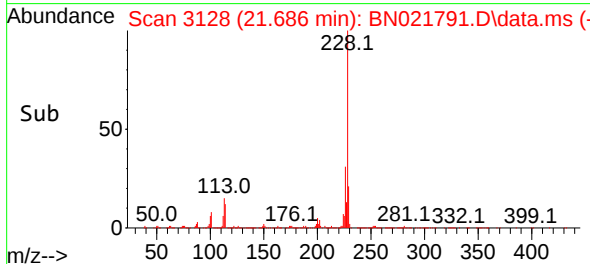
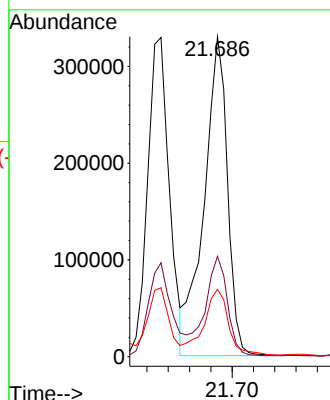
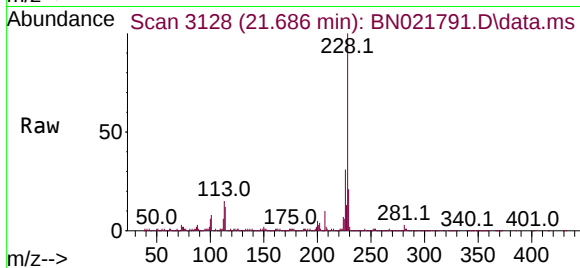
A5741

Tgt Ion:	228	Resp:	50461
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.2	36.2
229	21.0	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022



#90

Benzo(b)fluoranthene

Concen: 18.347 ng/ul

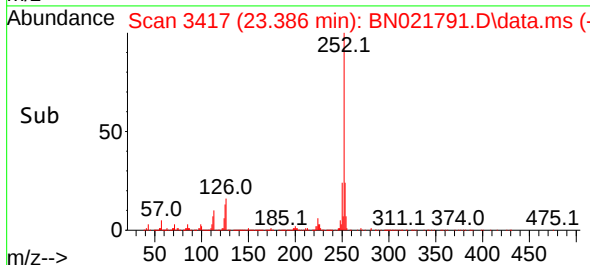
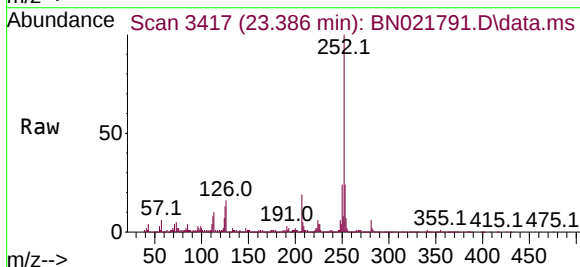
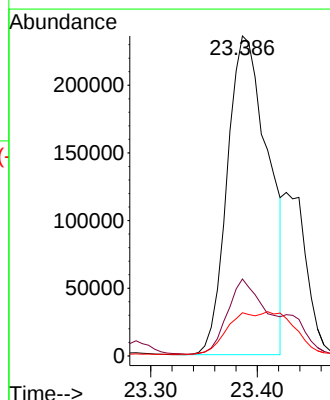
RT: 23.386 min Scan# 3417

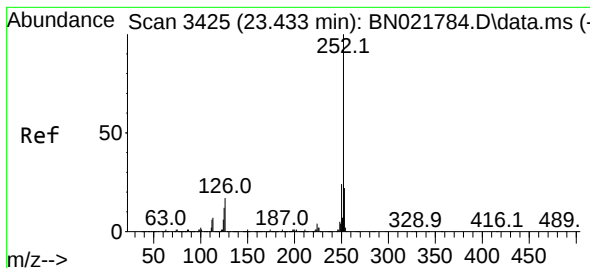
Delta R.T. -0.000 min

Lab File: BN021791.D

Acq: 16 Sep 2022 16:32

Tgt Ion:	252	Resp:	629717
Ion Ratio	Lower	Upper	
252	100		
253	24.1	16.5	24.7
125	13.5	7.8	11.8





#91

Benzo(k)fluoranthene

Concen: 5.738 ng/ul m

RT: 23.427 min Scan# 3425

Delta R.T. -0.006 min

Lab File: BN021791.D

Acq: 16 Sep 2022 16:32

Instrument :

BNA_N

ClientSampleId :

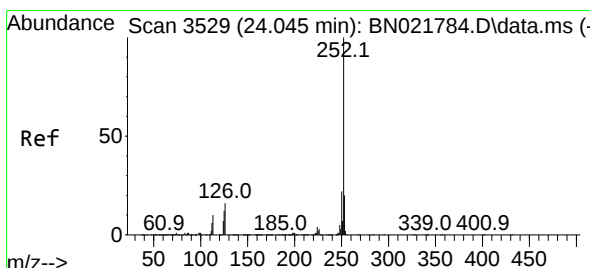
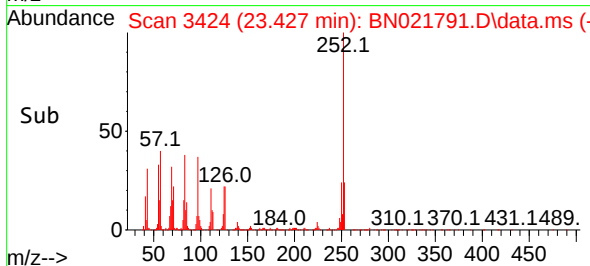
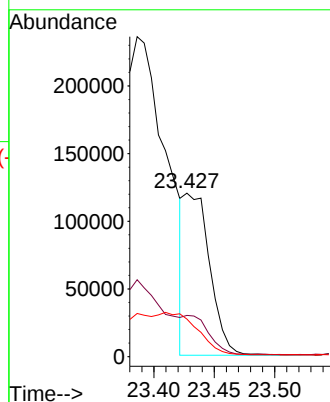
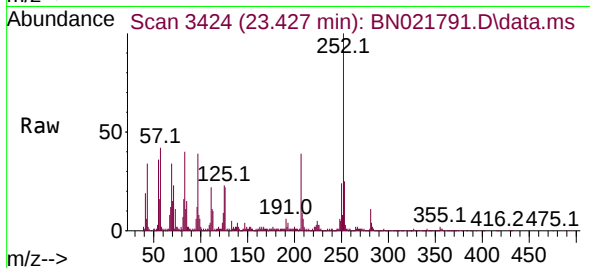
A5741

Tgt Ion:252 Resp: 176189
 Ion Ratio Lower Upper
 252 100
 253 25.2 18.2 27.4
 125 23.0 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
 Supervised By :mohammad ahmed 09/19/2022



#93

Benzo(a)pyrene

Concen: 11.219 ng/ul

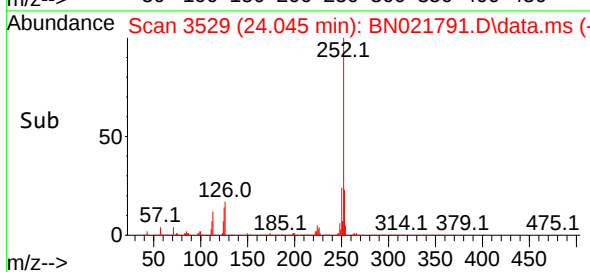
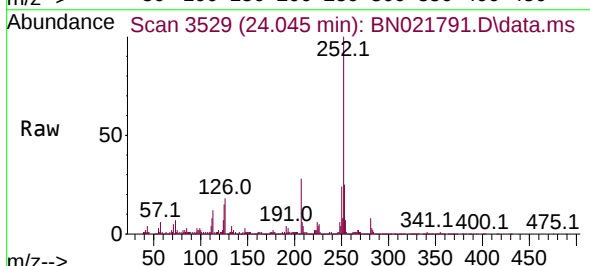
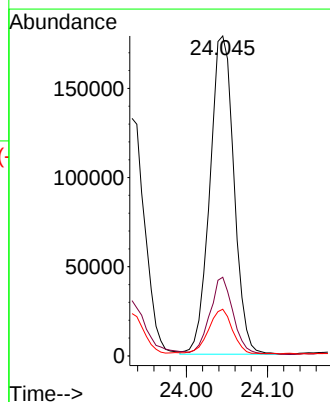
RT: 24.045 min Scan# 3529

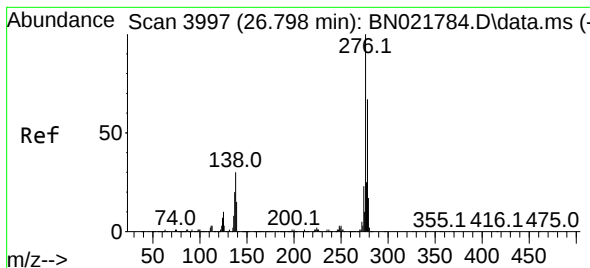
Delta R.T. 0.000 min

Lab File: BN021791.D

Acq: 16 Sep 2022 16:32

Tgt Ion:252 Resp: 368427
 Ion Ratio Lower Upper
 252 100
 253 24.6 18.7 28.1
 125 14.6 9.2 13.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.946 ng/ul

RT: 26.798 min Scan# 3997

Delta R.T. -0.000 min

Lab File: BN021791.D

Acq: 16 Sep 2022 16:32

Instrument :

BNA_N

ClientSampleId :

A5741

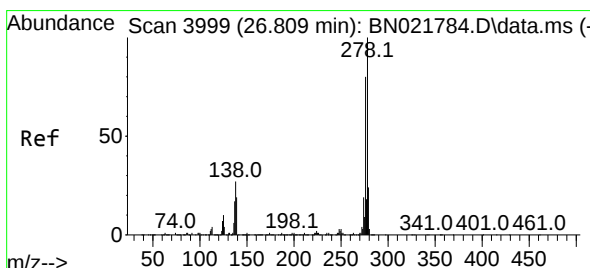
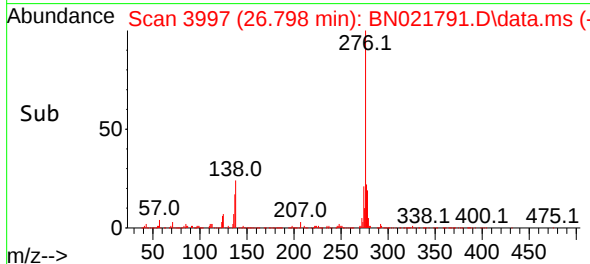
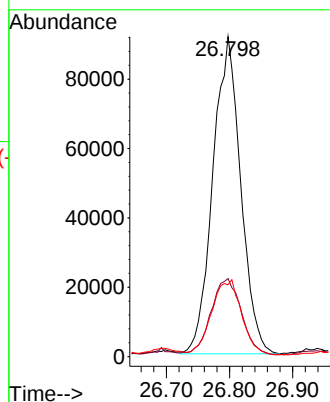
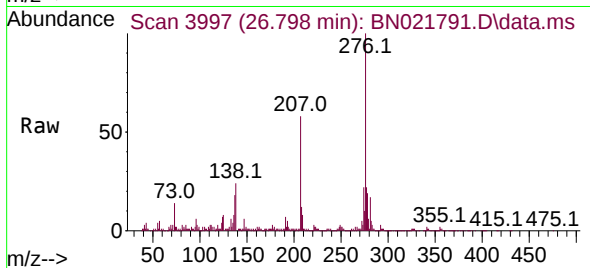
Tgt Ion: 276 Resp: 28003

Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.5	29.3
277	22.5	21.4	32.0

Manual Integrations

APPROVED

Reviewed By : Jagrut Upadhyay 09/19/2022
Supervised By : mohammad ahmed 09/19/2022



#95

Dibenzo(a,h)anthracene

Concen: 2.037 ng/ul

RT: 26.809 min Scan# 3999

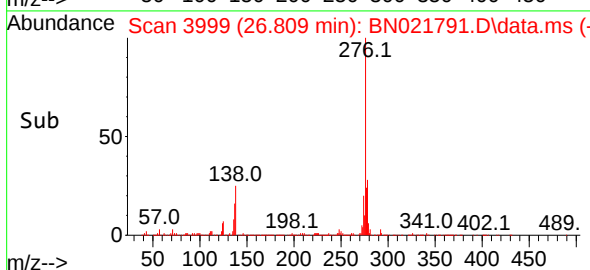
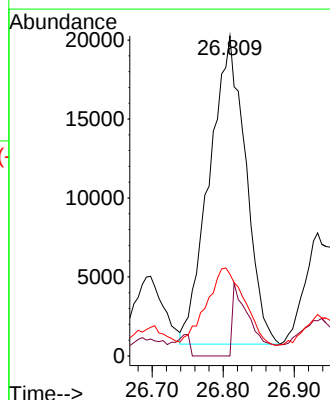
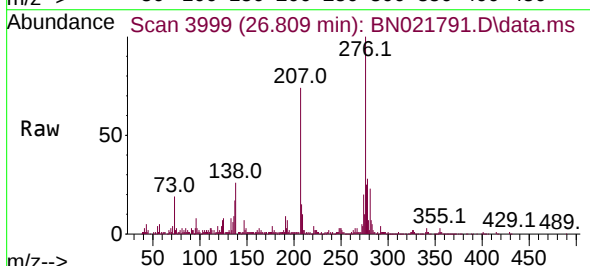
Delta R.T. 0.000 min

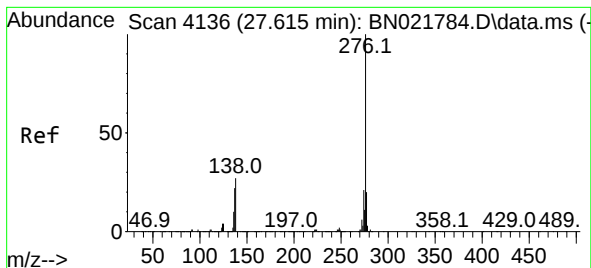
Lab File: BN021791.D

Acq: 16 Sep 2022 16:32

Tgt Ion: 278 Resp: 69301

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.8	20.8
279	25.5	18.3	27.5





#96

Benzo(g,h,i)perylene

Concen: 6.674 ng/ul

RT: 27.615 min Scan# 41

Delta R.T. 0.000 min

Lab File: BN021791.D

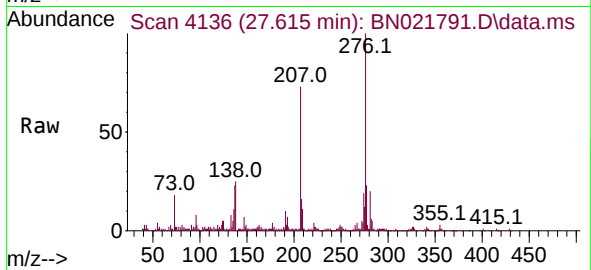
Acq: 16 Sep 2022 16:32

Instrument :

BNA_N

ClientSampleId :

A5741



Tgt Ion:276 Resp: 234796

Ion Ratio Lower Upper

276 100

138 24.6 17.0 25.6

277 23.5 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022

Supervised By :mohammad ahmed 09/19/2022

