

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031756.D
 Acq On : 03 Jun 2024 12:38
 Operator : MA/JU
 Sample : P2590-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBK8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 13:24:02 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	7.681	152	494303	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2253775	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1391813	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2616528	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1617533	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1683899	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	19818	1.659	ng/uL	0.00
4) Pyridine-d5	3.593	84	482574	14.348	ng/u1	0.00
7) Phenol-d5	6.852	99	706941	16.683	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	326591	13.176	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	485898	15.028	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	583619	16.896	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	257577	14.947	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	304173	17.088	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	582394	17.525	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	663030	13.438	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2008610	20.715	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2175077	19.509	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	315865	16.270	ng/u1	0.00
60) Fluorene-d10	15.316	176	1777974	21.672	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	212961	16.192	ng/u1	0.00
73) Anthracene-d10	17.169	188	2538631	22.662	ng/u1	0.00
81) Pyrene-d10	19.469	212	2629478	30.378	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	2054292	25.549	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.116	178	856418	6.425	ng/u1	99
74) Anthracene	17.204	178	174587	1.293	ng/u1	98
80) Fluoranthene	19.133	202	1760560	17.019	ng/u1	100
82) Pyrene	19.498	202	1584319	14.927	ng/u1	100
85) Benzo(a)anthracene	21.286	228	681624	6.296	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	88121	1.206	ng/u1#	97
87) Chrysene	21.345	228	732771	7.246	ng/u1	98
90) Benzo(b)fluoranthene	23.316	252	936421	9.304	ng/u1	99
91) Benzo(k)fluoranthene	23.374	252	314632	3.186	ng/u1	97
93) Benzo(a)pyrene	24.110	252	629944	6.682	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.539	276	462179m	4.255	ng/u1	
95) Dibenzo(a,h)anthracene	27.592	278	117760m	1.328	ng/u1	
96) Benzo(g,h,i)perylene	28.574	276	459336m	5.319	ng/u1	

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

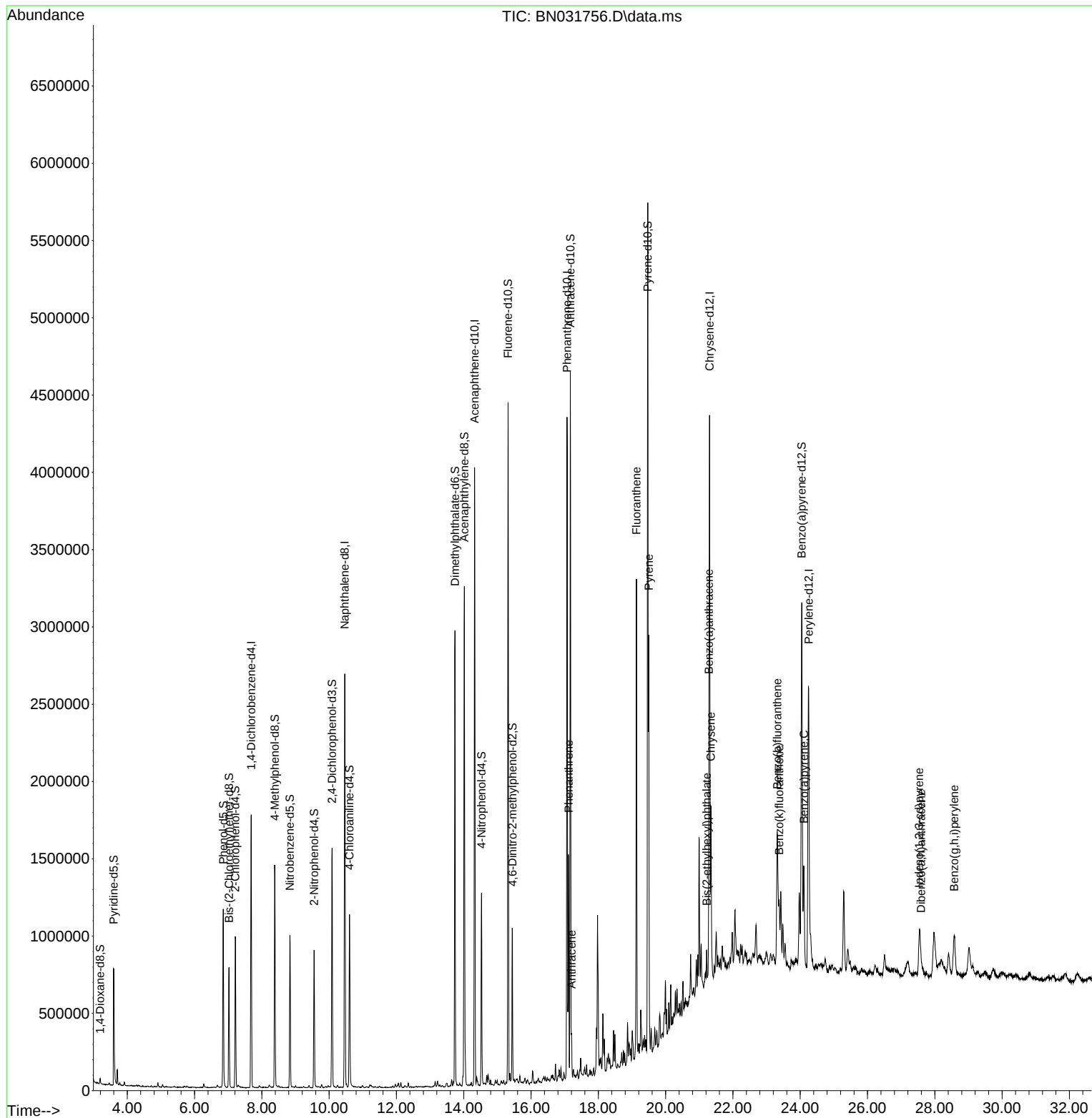
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031756.D
 Acq On : 03 Jun 2024 12:38
 Operator : MA/JU
 Sample : P2590-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

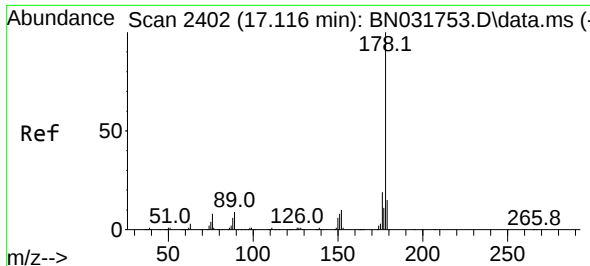
Instrument :
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 Supervised By :mohammad ahmed 06/05/2024

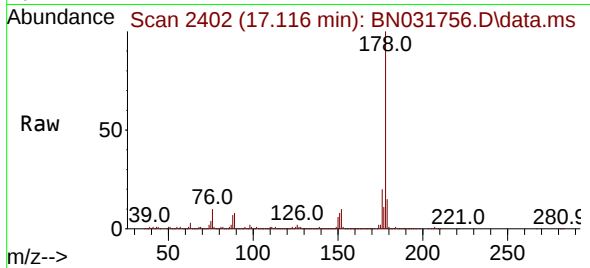
Quant Time: Jun 03 13:24:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration





#72
Phenanthrene
Concen: 6.425 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN031756.D
Acq: 03 Jun 2024 12:38

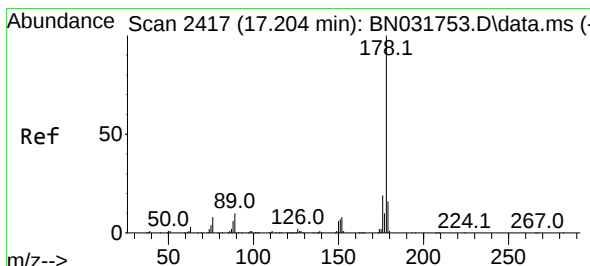
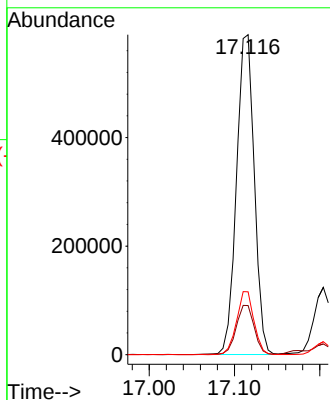
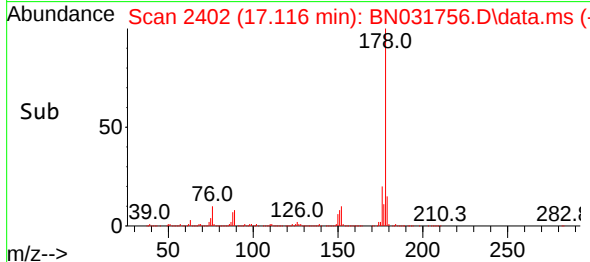
Instrument :
BNA_N
ClientSampleId :
BHBK8



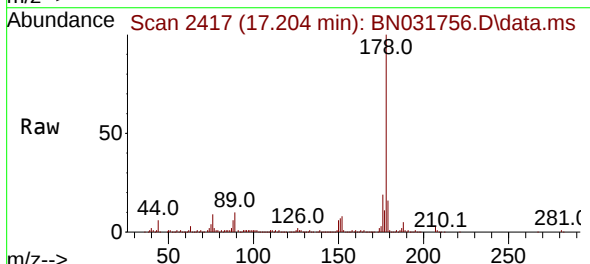
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Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.7 15.8 23.6

Manual Integrations
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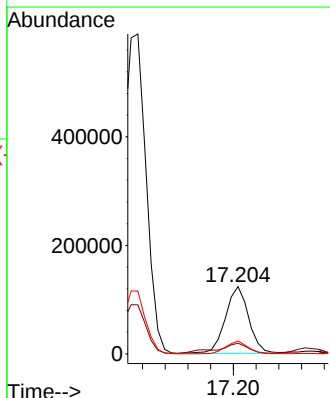
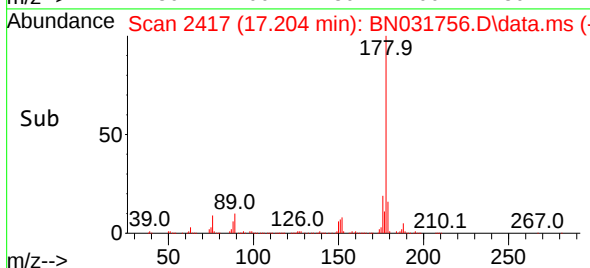
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

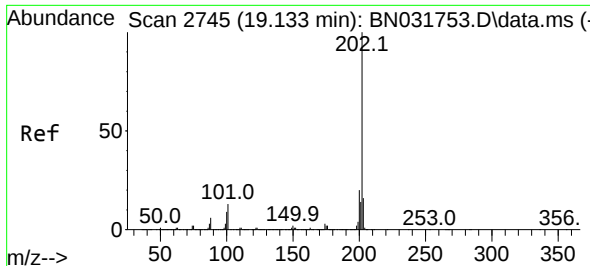


#74
Anthracene
Concen: 1.293 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN031756.D
Acq: 03 Jun 2024 12:38



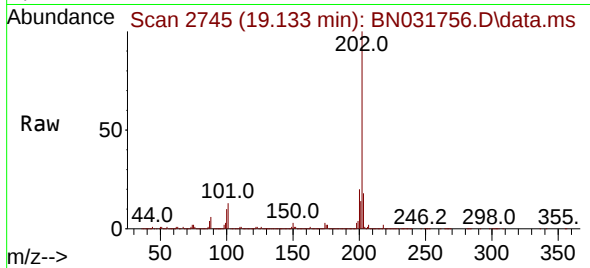
Tgt Ion:178 Resp: 174587
Ion Ratio Lower Upper
178 100
179 15.9 11.8 17.6
176 19.3 14.8 22.2





#80
Fluoranthene
Concen: 17.019 ng/ul
RT: 19.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031756.D
Acq: 03 Jun 2024 12:38

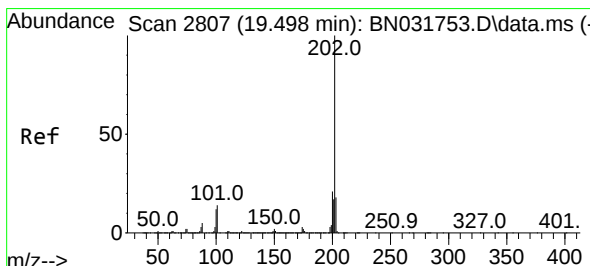
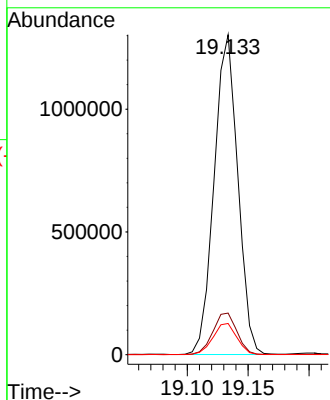
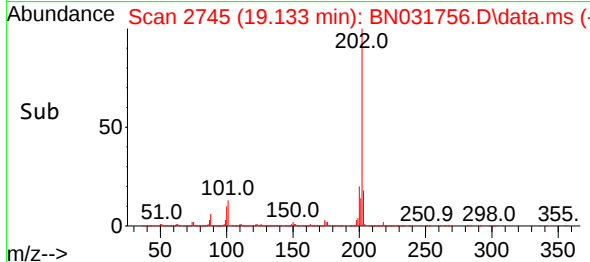
Instrument :
BNA_N
ClientSampleId :
BHBK8



Tgt Ion:202 Resp: 1760560
Ion Ratio Lower Upper
202 100
101 13.0 10.3 15.5
100 9.7 8.0 12.0

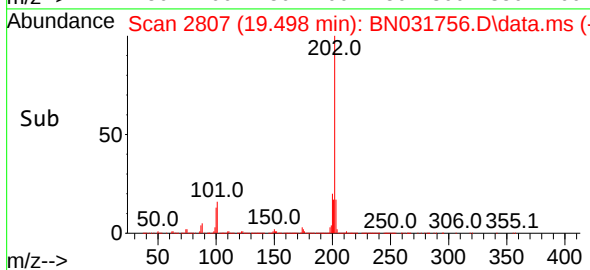
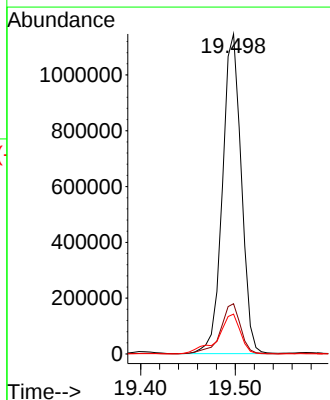
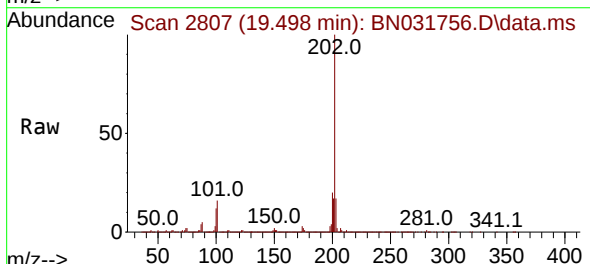
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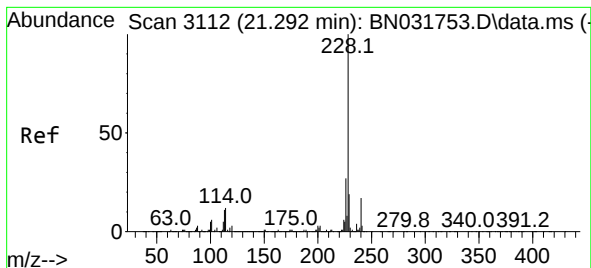
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#82
Pyrene
Concen: 14.927 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031756.D
Acq: 03 Jun 2024 12:38

Tgt Ion:202 Resp: 1584319
Ion Ratio Lower Upper
202 100
101 15.7 12.6 18.8
100 12.5 10.2 15.2





#85

Benzo(a)anthracene

Concen: 6.296 ng/ul

RT: 21.286 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BN031756.D

Acq: 03 Jun 2024 12:38

Instrument :

BNA_N

ClientSampleId :

BHBK8

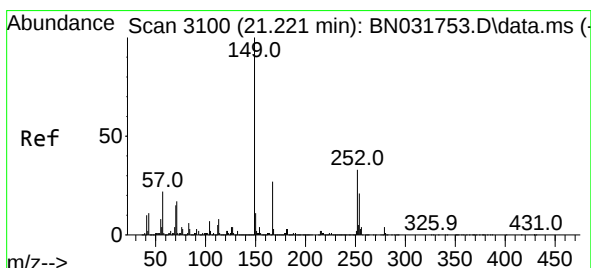
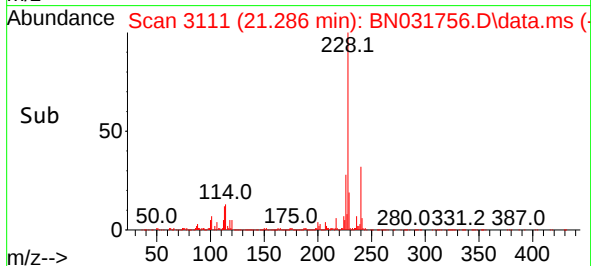
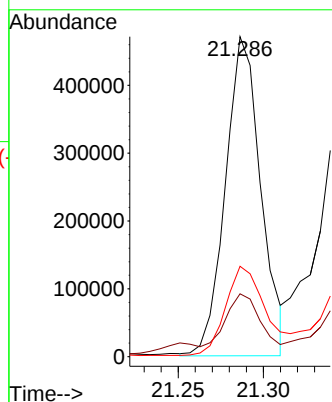
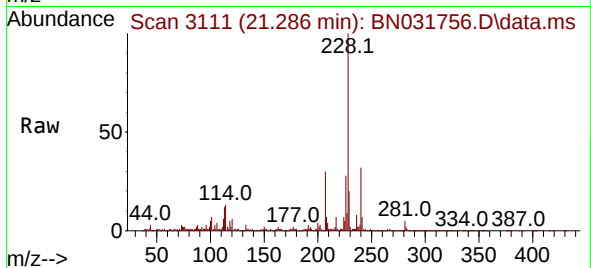
Tgt Ion:228 Resp: 681624

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.7	25.1
226	28.2	22.8	34.2

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 1.206 ng/ul

RT: 21.222 min Scan# 3100

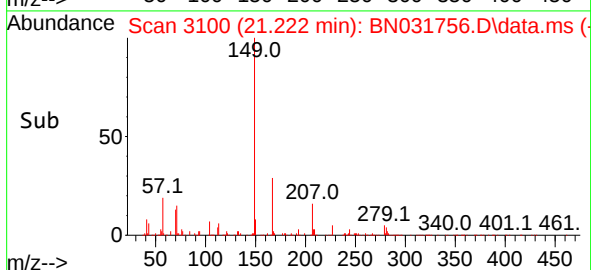
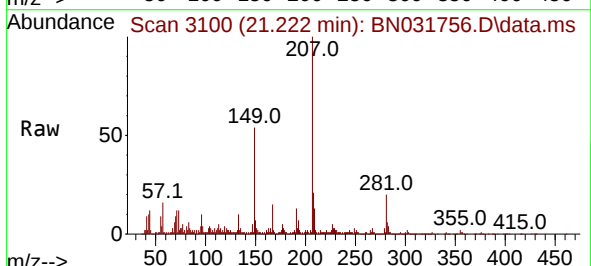
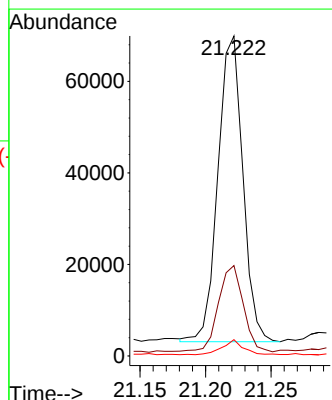
Delta R.T. -0.000 min

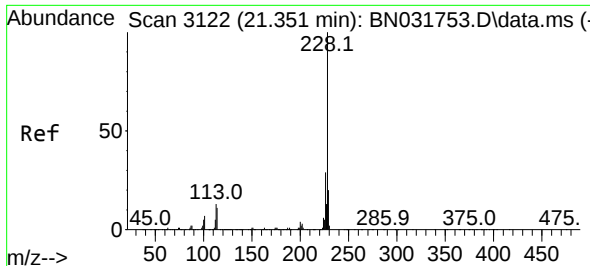
Lab File: BN031756.D

Acq: 03 Jun 2024 12:38

Tgt Ion:149 Resp: 88121

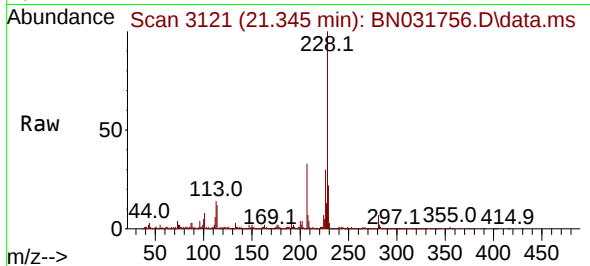
Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.4	32.0
279	5.1	3.3	4.9





#87
Chrysene
Concen: 7.246 ng/ul
RT: 21.345 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BN031756.D
Acq: 03 Jun 2024 12:38

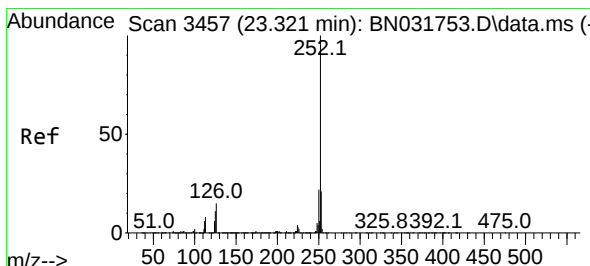
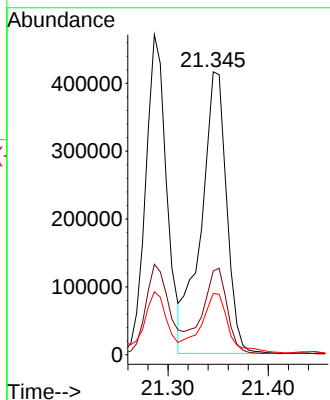
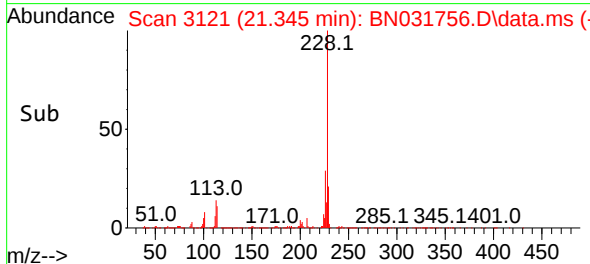
Instrument :
BNA_N
ClientSampleId :
BHBK8



Tgt Ion:228 Resp: 732772
Ion Ratio Lower Upper
228 100
226 29.6 23.7 35.5
229 21.6 15.1 22.7

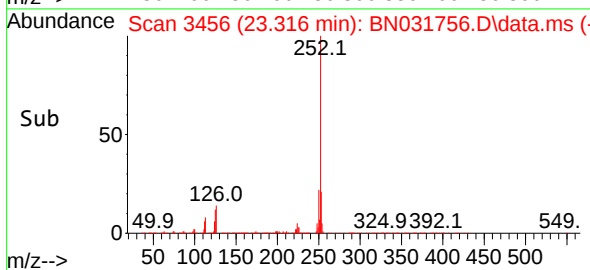
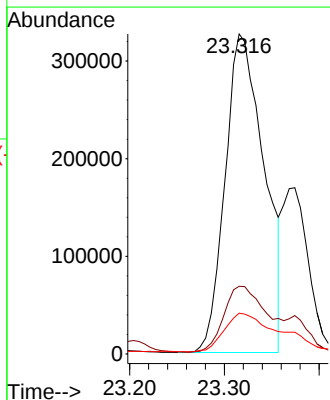
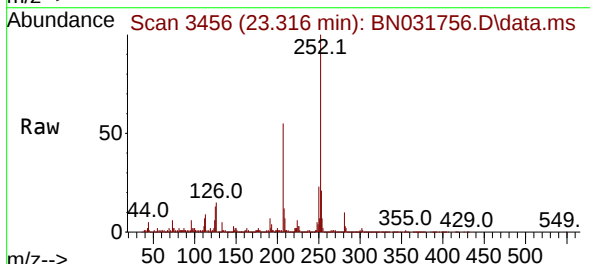
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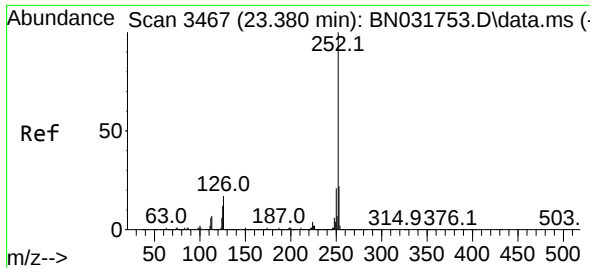
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#90
Benzo(b)fluoranthene
Concen: 9.304 ng/ul
RT: 23.316 min Scan# 3456
Delta R.T. 0.006 min
Lab File: BN031756.D
Acq: 03 Jun 2024 12:38

Tgt Ion:252 Resp: 936421
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 12.8 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 3.186 ng/ul
RT: 23.374 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BN031756.D
Acq: 03 Jun 2024 12:38

Instrument :

BNA_N

ClientSampleId :

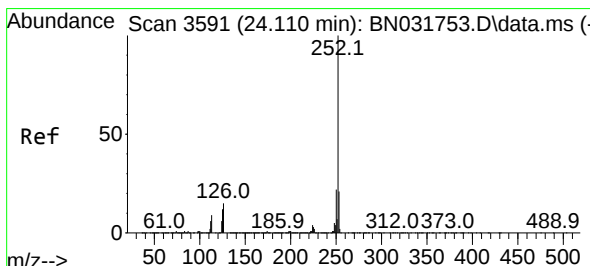
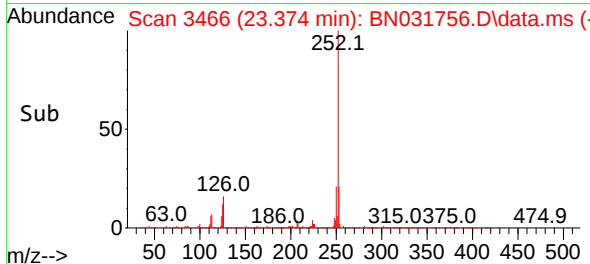
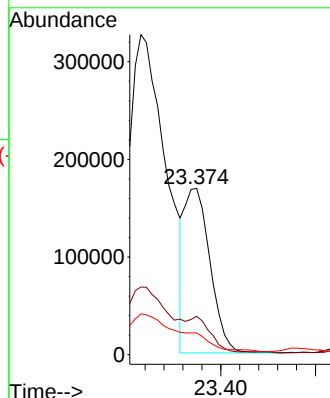
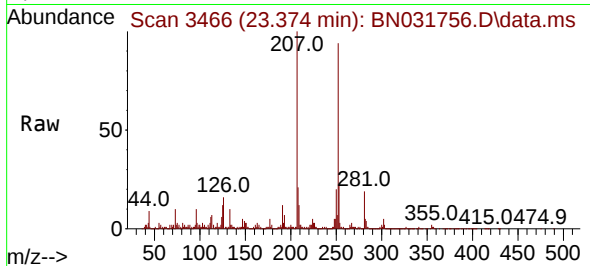
BHBK8

Tgt Ion:252 Resp: 314632
Ion Ratio Lower Upper
252 100
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125 13.1 9.4 14.2

Manual Integrations

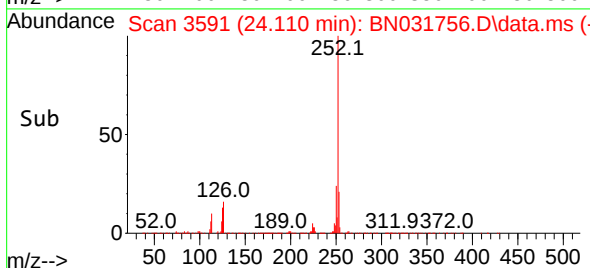
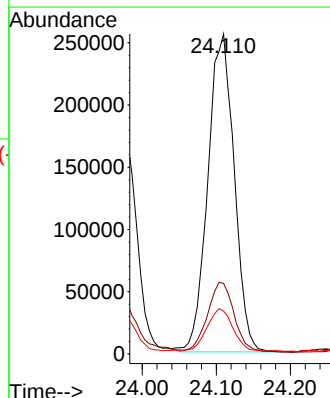
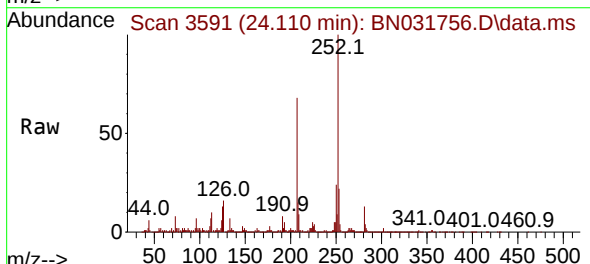
APPROVED

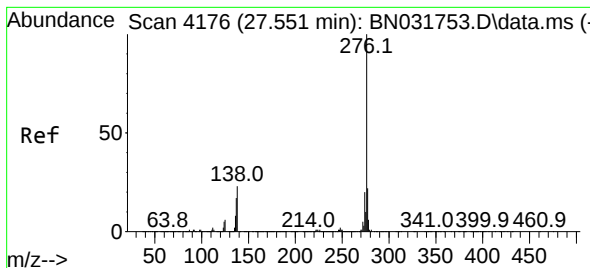
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#93
Benzo(a)pyrene
Concen: 6.682 ng/ul
RT: 24.110 min Scan# 3591
Delta R.T. 0.006 min
Lab File: BN031756.D
Acq: 03 Jun 2024 12:38

Tgt Ion:252 Resp: 629944
Ion Ratio Lower Upper
252 100
253 22.1 16.6 24.8
125 13.4 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.255 ng/ul m

RT: 27.539 min Scan# 4176

Delta R.T. 0.006 min

Lab File: BN031756.D

Acq: 03 Jun 2024 12:38

Instrument :

BNA_N

ClientSampleId :

BHBK8

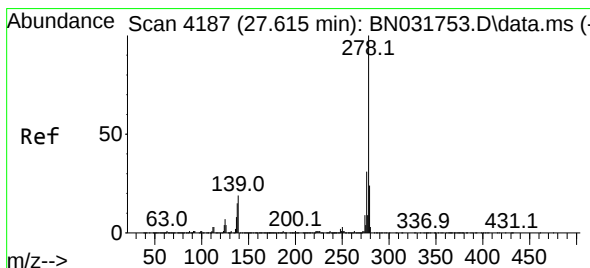
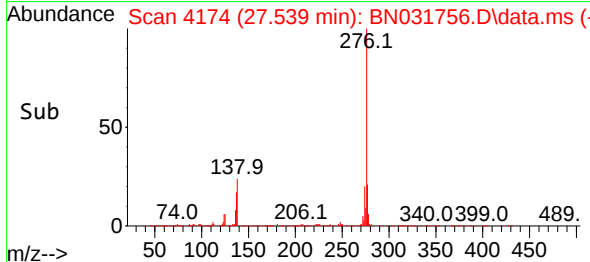
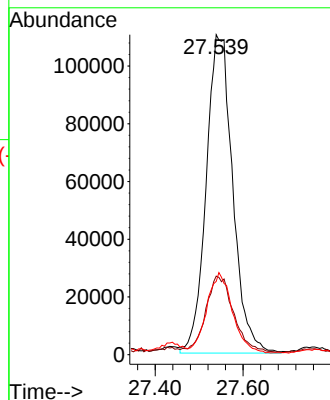
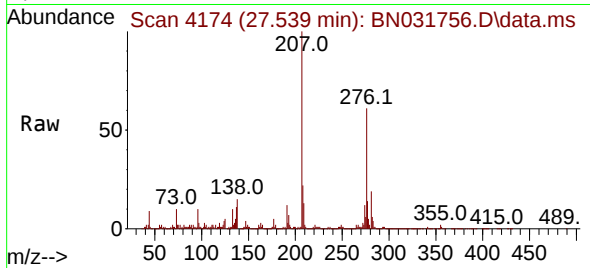
Tgt Ion: 276 Resp: 462179

Ion	Ratio	Lower	Upper
276	100		
138	24.6	18.1	27.1
277	22.9	18.2	27.2

Manual Integrations

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Supervised By :mohammad ahmed 06/05/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.328 ng/ul m

RT: 27.592 min Scan# 4183

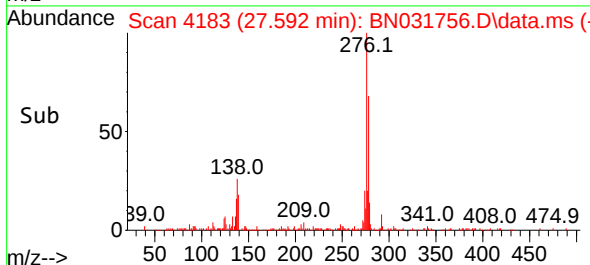
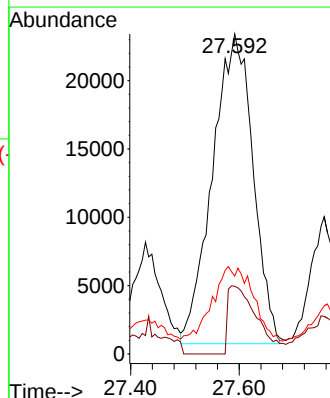
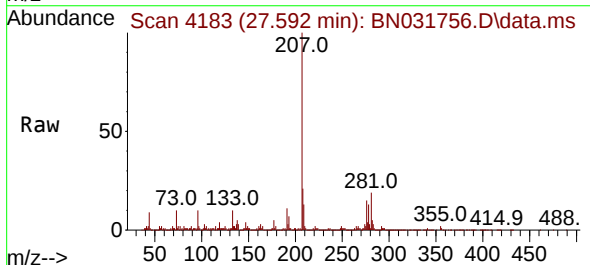
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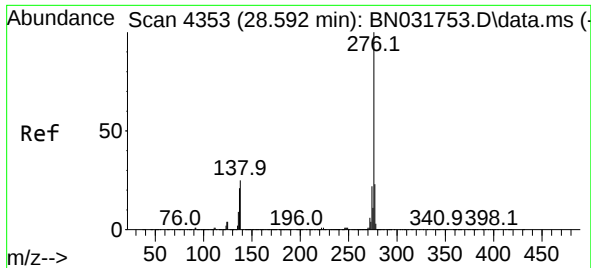
Lab File: BN031756.D

Acq: 03 Jun 2024 12:38

Tgt Ion: 278 Resp: 117760

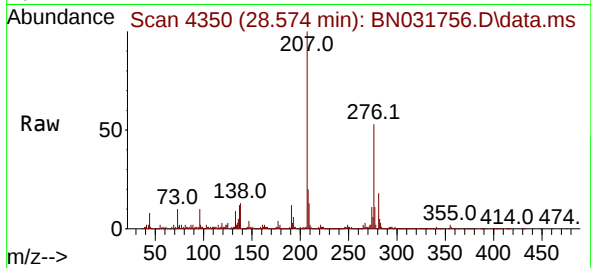
Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.0	22.6
279	24.3	17.4	26.0





#96
 Benzo(g,h,i)perylene
 Concen: 5.319 ng/ul m
 RT: 28.574 min Scan# 4350
 Delta R.T. 0.006 min
 Lab File: BN031756.D
 Acq: 03 Jun 2024 12:38

Instrument :
 BNA_N
 ClientSampleId :
 BHBK8



Tgt Ion:276 Resp: 459336
 Ion Ratio Lower Upper
 276 100
 138 24.7 20.9 31.3
 277 21.0 18.0 27.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

