

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031940.D
 Acq On : 12 Jun 2024 14:04
 Operator : MA/JU
 Sample : P2678-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH685

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 12 23:12:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	343160	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1575765	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1052303	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	2144646	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1445589	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1349827	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	28312	3.413	ng/uL	0.00
4) Pyridine-d5	3.587	84	77586	3.323	ng/u1	0.00
7) Phenol-d5	6.834	99	628325	21.358	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	374559	21.767	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	514663	22.928	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	475243	19.818	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	276997	22.990	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	300244	24.124	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	515311	22.178	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	537395	15.578	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1768237	24.120	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2009319	23.837	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	281246	19.161	ng/u1	0.00
60) Fluorene-d10	15.298	176	1516918	24.455	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	215510	19.992	ng/u1	0.00
73) Anthracene-d10	17.151	188	2227769	24.263	ng/u1	0.00
81) Pyrene-d10	19.451	212	2176558	28.137	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	1142136	17.720	ng/u1	0.00
Target Compounds					Qvalue	
52) Acenaphthene	14.363	153	67802	1.076	ng/u1	98
61) Fluorene	15.357	166	70850	1.027	ng/u1	97
72) Phenanthrene	17.098	178	1397798	12.794	ng/u1	99
74) Anthracene	17.186	178	203794	1.841	ng/u1	98
77) Carbazole	17.463	167	122159	1.294	ng/u1	99
80) Fluoranthene	19.116	202	1981944	21.438	ng/u1	99
82) Pyrene	19.480	202	1484723	15.653	ng/u1	97
85) Benzo(a)anthracene	21.274	228	733856	7.584	ng/u1	99
87) Chrysene	21.333	228	745377	8.247	ng/u1	98
90) Benzo(b)fluoranthene	23.292	252	769060	9.532	ng/u1	95
91) Benzo(k)fluoranthene	23.345	252	256765	3.243	ng/u1	97
93) Benzo(a)pyrene	24.080	252	306175	4.052	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.503	276	265413	3.048	ng/u1	97
95) Dibenzo(a,h)anthracene	27.550	278	91268m	1.284	ng/u1	

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

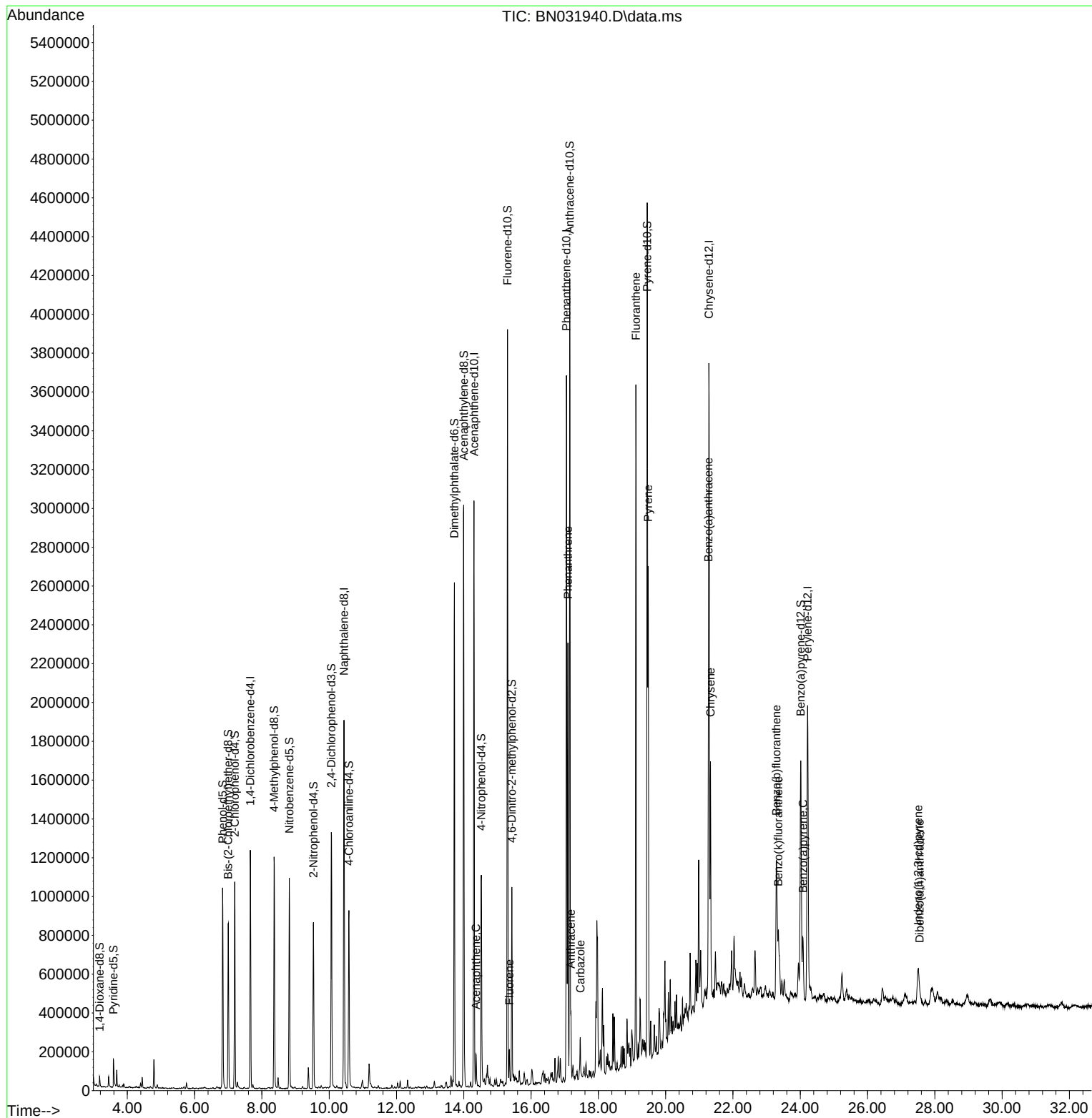
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031940.D
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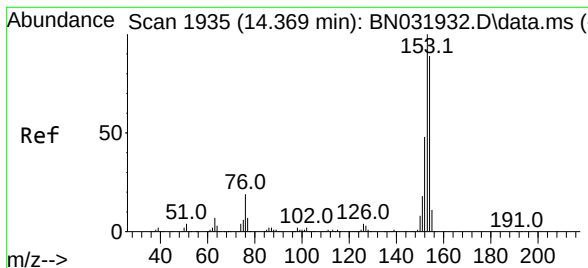
Instrument :
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 Quant Title : SVOA CALIBRATION
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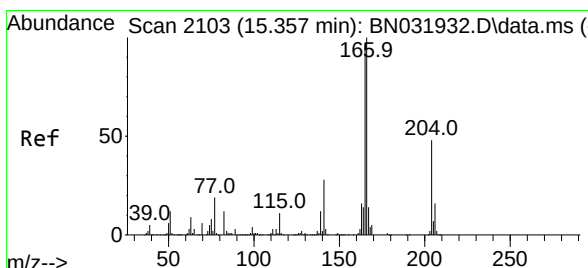
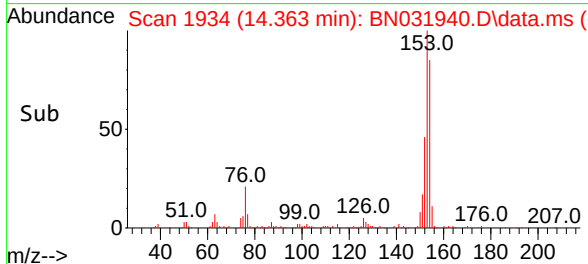
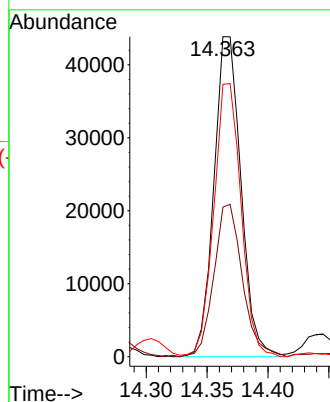
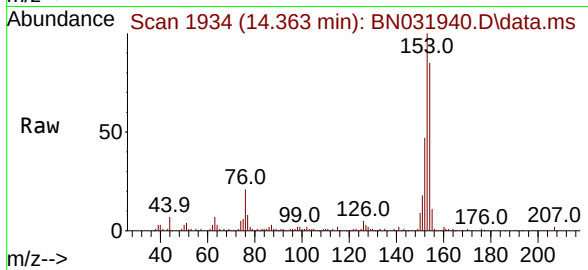
#52
Acenaphthene
Concen: 1.076 ng/u1
RT: 14.363 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BN031940.D
Acq: 12 Jun 2024 14:04

Instrument :
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ClientSampleId :
BH685

Tgt Ion:153 Resp: 6780
Ion Ratio Lower Upper
153 100
152 46.8 37.8 56.6
154 85.1 69.8 104.8

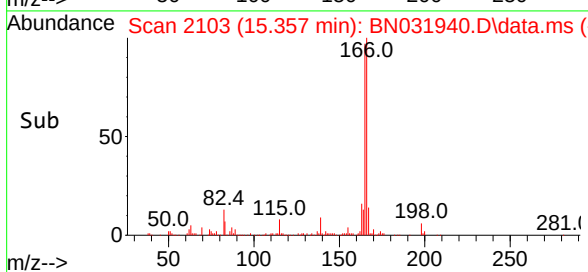
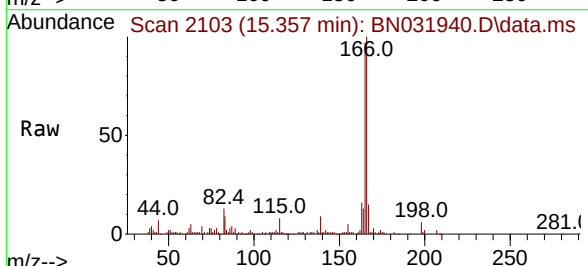
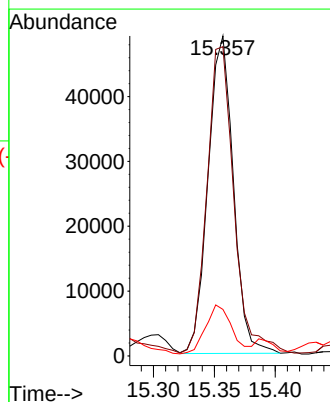
Manual Integrations
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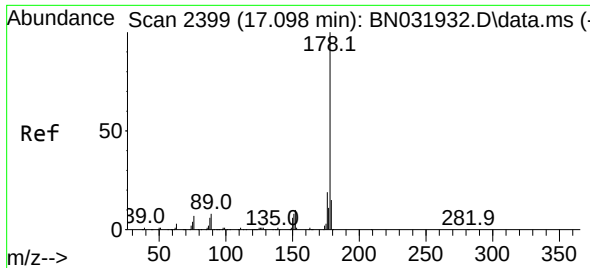
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#61
Fluorene
Concen: 1.027 ng/u1
RT: 15.357 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BN031940.D
Acq: 12 Jun 2024 14:04

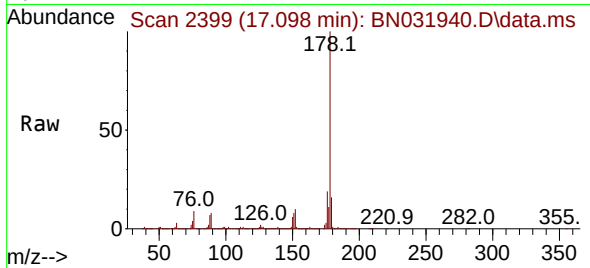
Tgt Ion:166 Resp: 70850
Ion Ratio Lower Upper
166 100
165 96.7 80.3 120.5
167 14.5 11.3 16.9





#72
Phenanthrene
Concen: 12.794 ng/ul
RT: 17.098 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BN031940.D
Acq: 12 Jun 2024 14:04

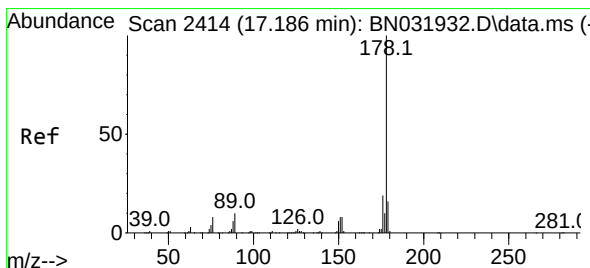
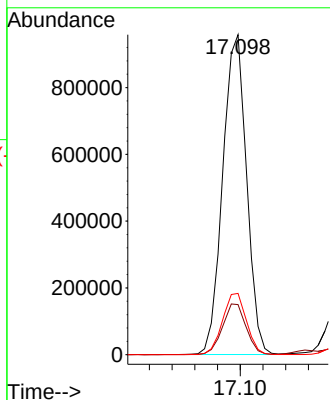
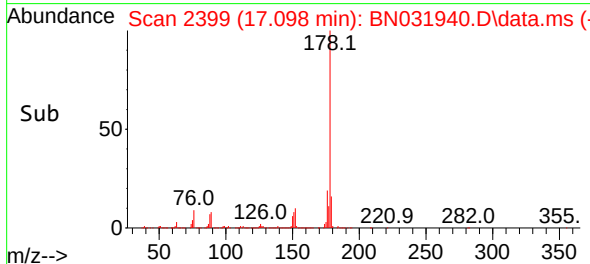
Instrument :
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ClientSampleId :
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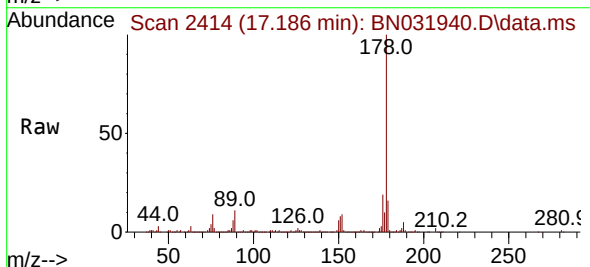
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Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.1 15.8 23.6

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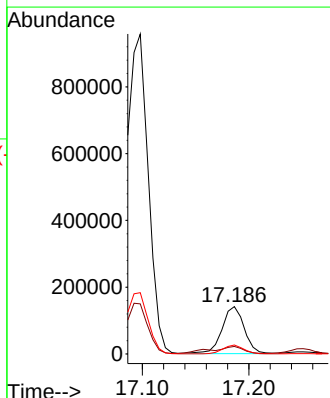
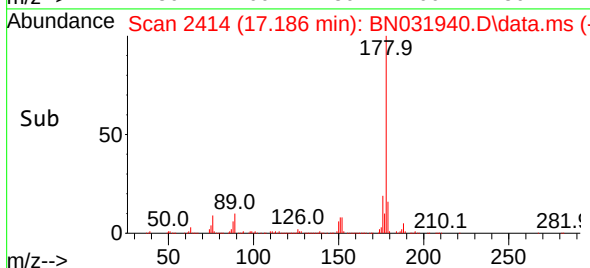
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

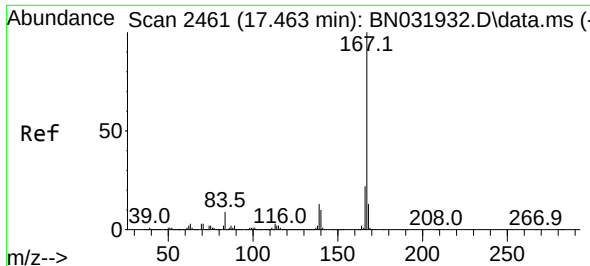


#74
Anthracene
Concen: 1.841 ng/ul
RT: 17.186 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BN031940.D
Acq: 12 Jun 2024 14:04



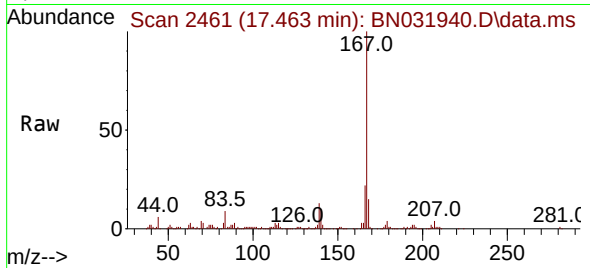
Tgt Ion:178 Resp: 203794
Ion Ratio Lower Upper
178 100
179 16.0 11.8 17.6
176 19.0 14.8 22.2





#77
 Carbazole
 Concen: 1.294 ng/ul
 RT: 17.463 min Scan# 2461
 Delta R.T. -0.000 min
 Lab File: BN031940.D
 Acq: 12 Jun 2024 14:04

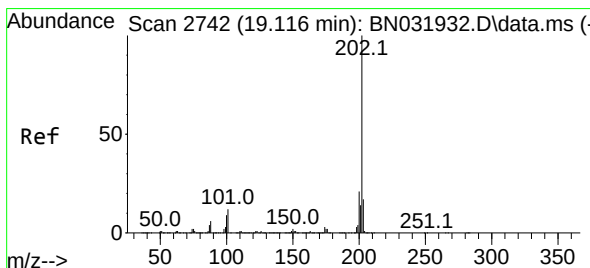
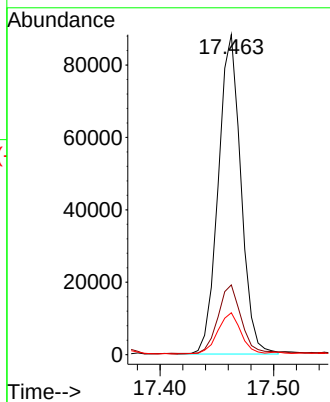
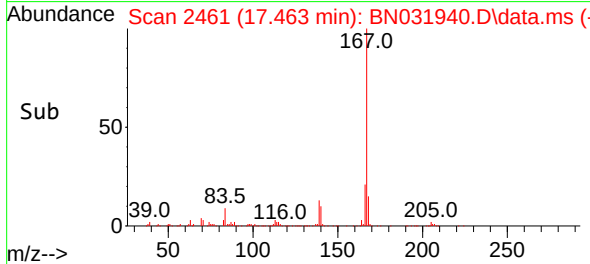
Instrument :
 BNA_N
 ClientSampleId :
 BH685



Tgt Ion:167 Resp: 122159
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.9 26.9
 139 13.1 10.5 15.7

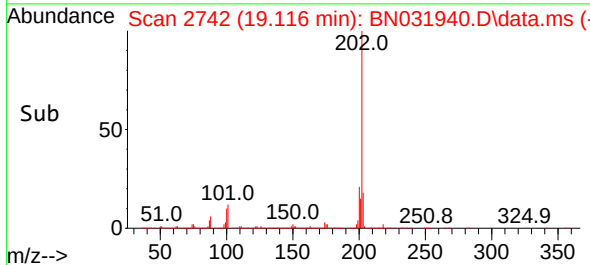
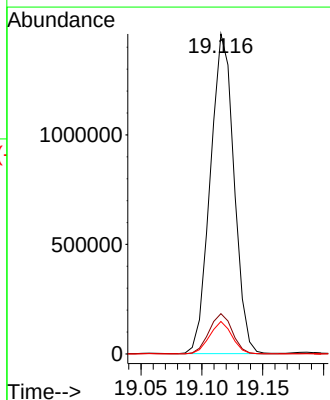
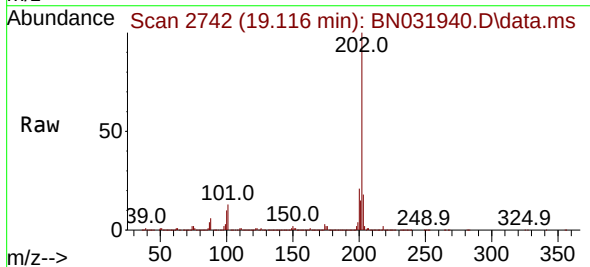
Manual Integrations
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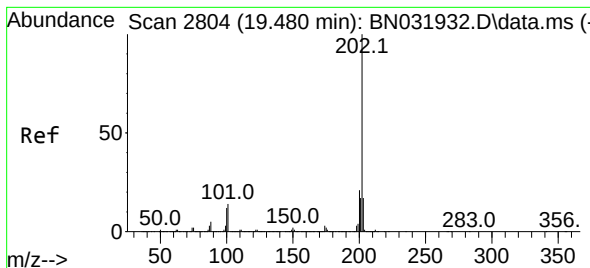
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024



#80
 Fluoranthene
 Concen: 21.438 ng/ul
 RT: 19.116 min Scan# 2742
 Delta R.T. -0.000 min
 Lab File: BN031940.D
 Acq: 12 Jun 2024 14:04

Tgt Ion:202 Resp: 1981944
 Ion Ratio Lower Upper
 202 100
 101 12.6 10.3 15.5
 100 10.1 8.0 12.0





#82

Pyrene

Concen: 15.653 ng/ul

RT: 19.480 min Scan# 2109

Delta R.T. -0.006 min

Lab File: BN031940.D

Acq: 12 Jun 2024 14:04

Instrument :

BNA_N

ClientSampleId :

BH685

Tgt Ion:202 Resp: 148472

Ion Ratio Lower Upper

202 100

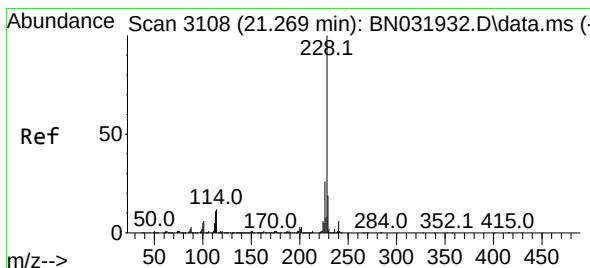
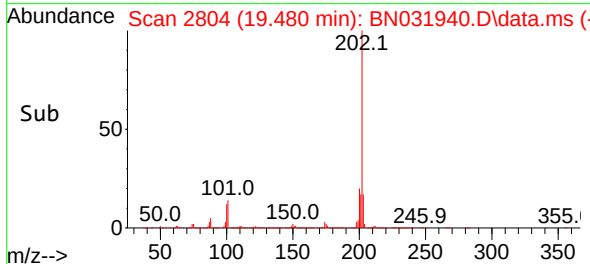
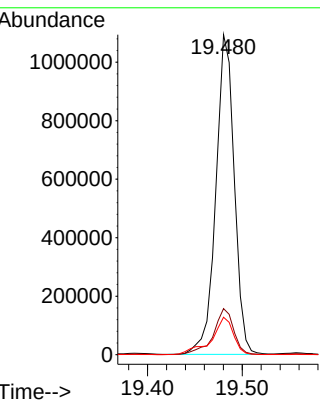
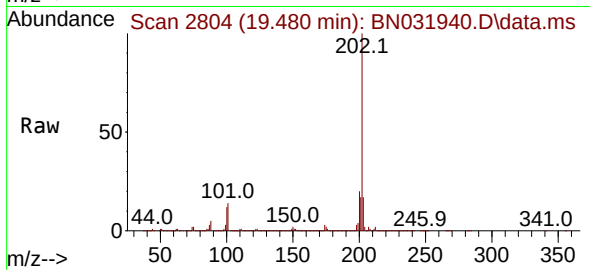
101 14.4 12.6 18.8

100 11.7 10.2 15.2

Manual Integrations

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Supervised By :mohammad ahmed 06/14/2024



#85

Benzo(a)anthracene

Concen: 7.584 ng/ul

RT: 21.274 min Scan# 3109

Delta R.T. -0.000 min

Lab File: BN031940.D

Acq: 12 Jun 2024 14:04

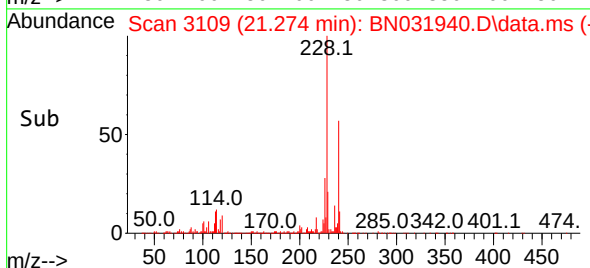
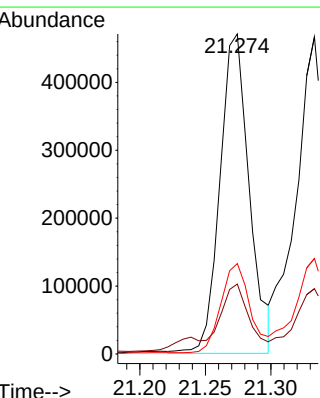
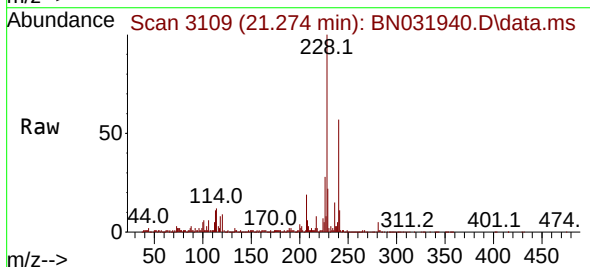
Tgt Ion:228 Resp: 733856

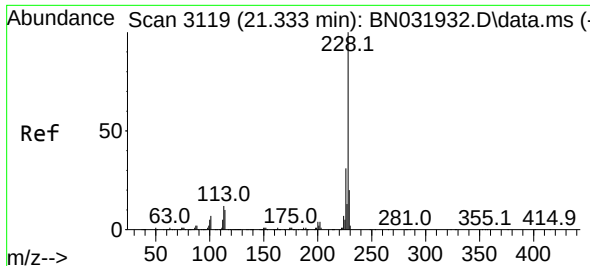
Ion Ratio Lower Upper

228 100

229 21.8 16.7 25.1

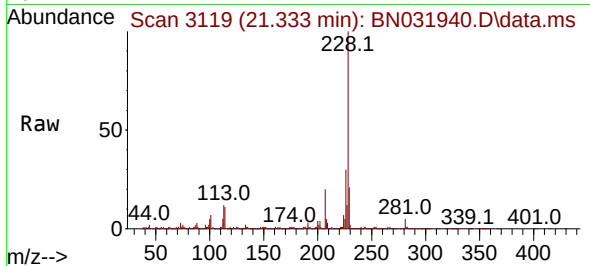
226 28.3 22.8 34.2





#87
Chrysene
Concen: 8.247 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BN031940.D
Acq: 12 Jun 2024 14:04

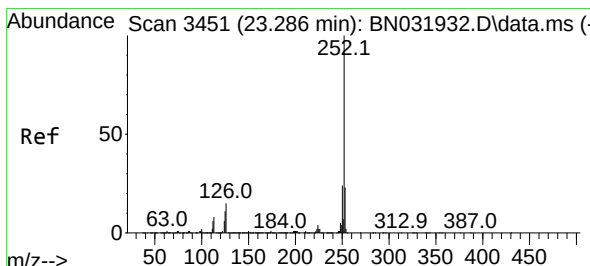
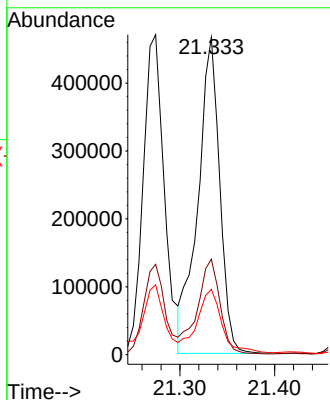
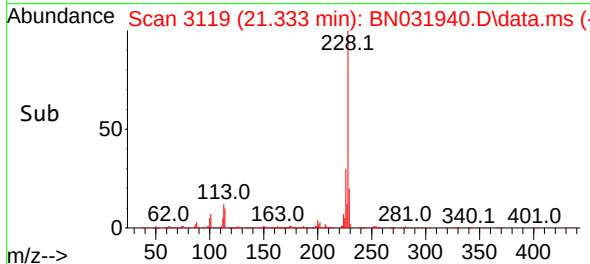
Instrument :
BNA_N
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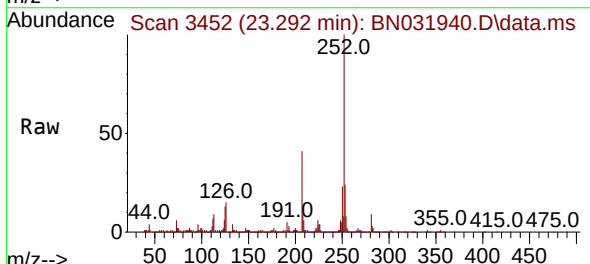
Tgt Ion:228 Resp: 74537
Ion Ratio Lower Upper
228 100
226 30.2 23.7 35.5
229 20.6 15.1 22.7

Manual Integrations
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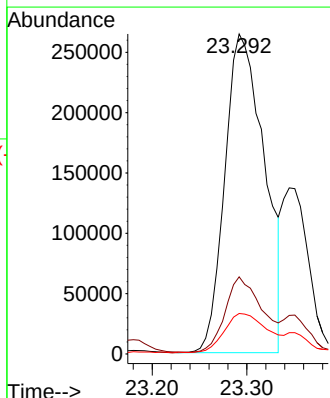
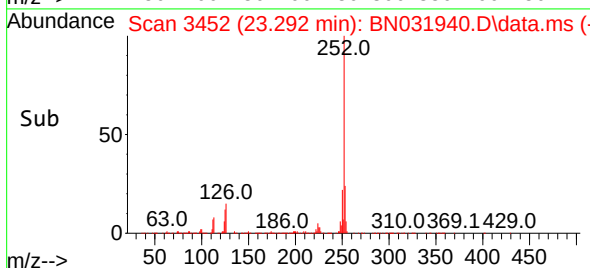
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

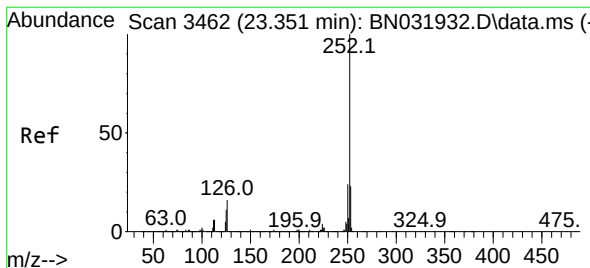


#90
Benzo(b)fluoranthene
Concen: 9.532 ng/ul
RT: 23.292 min Scan# 3452
Delta R.T. -0.000 min
Lab File: BN031940.D
Acq: 12 Jun 2024 14:04



Tgt Ion:252 Resp: 769060
Ion Ratio Lower Upper
252 100
253 24.1 17.0 25.6
125 12.7 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 3.243 ng/ul

RT: 23.345 min Scan# 3461

Delta R.T. -0.006 min

Lab File: BN031940.D

Acq: 12 Jun 2024 14:04

Instrument :

BNA_N

ClientSampleId :

BH685

Tgt Ion:252 Resp: 25676

Ion Ratio Lower Upper

252 100

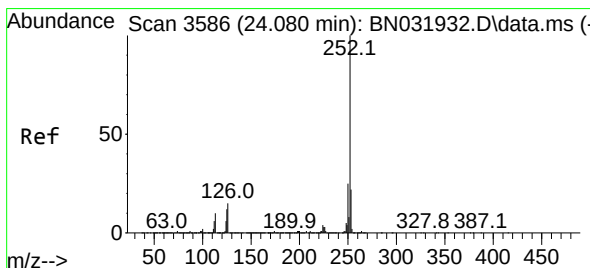
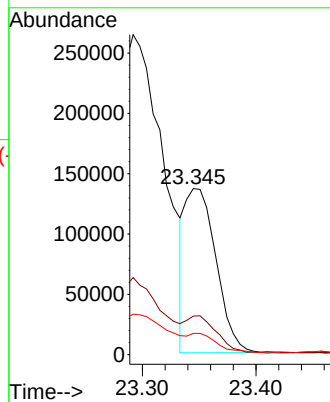
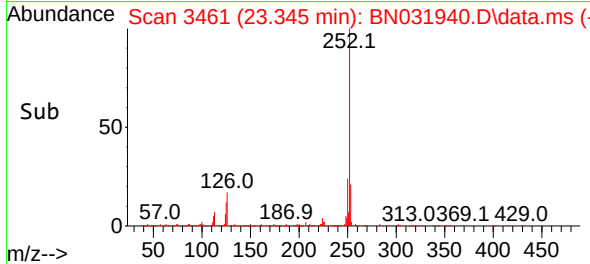
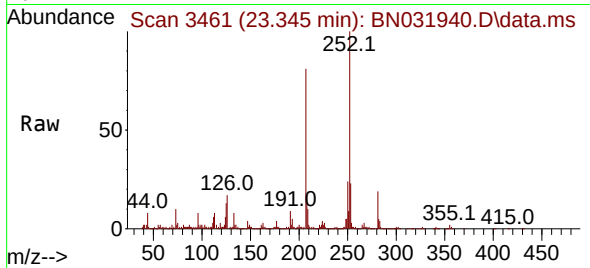
253 23.2 17.6 26.4

125 12.8 9.4 14.2

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 4.052 ng/ul

RT: 24.080 min Scan# 3586

Delta R.T. -0.000 min

Lab File: BN031940.D

Acq: 12 Jun 2024 14:04

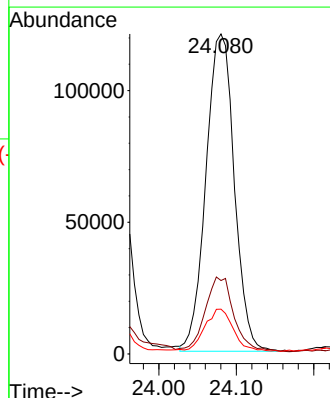
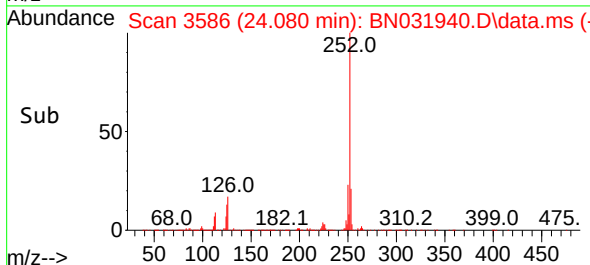
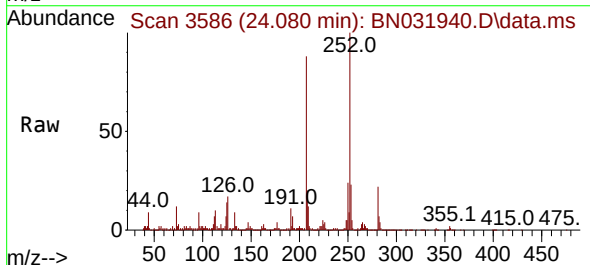
Tgt Ion:252 Resp: 306175

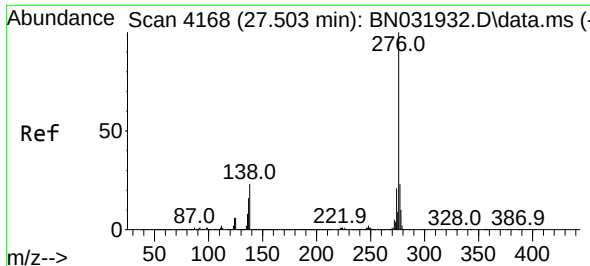
Ion Ratio Lower Upper

252 100

253 23.0 16.6 24.8

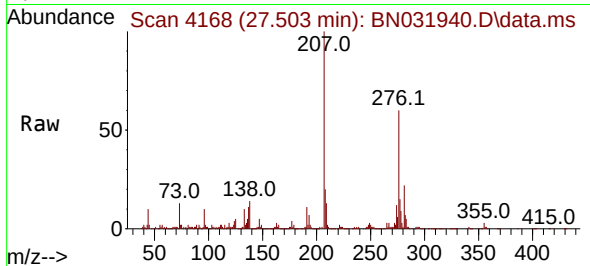
125 14.0 9.8 14.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 3.048 ng/ul
RT: 27.503 min Scan# 4168
Delta R.T. -0.012 min
Lab File: BN031940.D
Acq: 12 Jun 2024 14:04

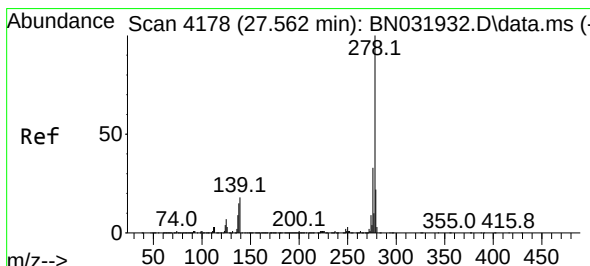
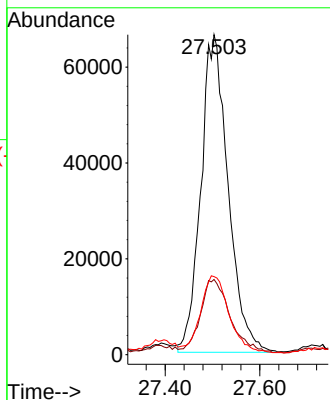
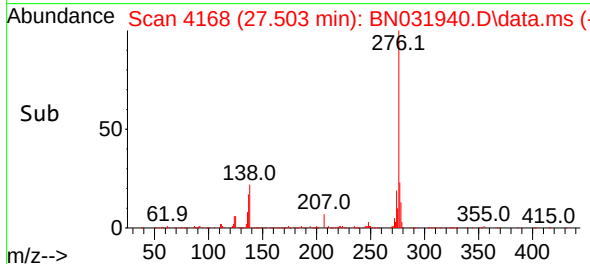
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:276 Resp: 26541
Ion Ratio Lower Upper
276 100
138 23.5 18.1 27.1
277 24.4 18.2 27.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#95
Dibenzo(a,h)anthracene
Concen: 1.284 ng/ul m
RT: 27.550 min Scan# 4176
Delta R.T. -0.029 min
Lab File: BN031940.D
Acq: 12 Jun 2024 14:04

Tgt Ion:278 Resp: 91268
Ion Ratio Lower Upper
278 100
139 21.0 15.0 22.6
279 28.5 17.4 26.0#

