

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031963.D
 Acq On : 13 Jun 2024 05:48
 Operator : MA/JU
 Sample : P2678-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH684

Manual Integrations
 APPROVED

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

Quant Time: Jun 13 06:17:53 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	7.658	152	420938	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1724499	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	984210	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1629653	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1117772	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1332113	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	16240	1.596	ng/uL	0.00
4) Pyridine-d5	3.599	84	37449	1.307	ng/u1	0.02
7) Phenol-d5	6.840	99	420569	11.655	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	250544	11.870	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	336171	12.209	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	336308	11.433	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	188410	14.289	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	206016	15.125	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	359854	14.152	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	370567	9.815	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1367862	19.950	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1400827	17.768	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	172828	12.589	ng/u1	0.00
60) Fluorene-d10	15.298	176	1080464	18.624	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	97501	11.903	ng/u1	0.00
73) Anthracene-d10	17.151	188	1495133	21.430	ng/u1	0.00
81) Pyrene-d10	19.451	212	1518382	25.385	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.016	264	1371922	21.568	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.092	178	509867	6.142	ng/u1	99
74) Anthracene	17.186	178	102762	1.222	ng/u1	100
80) Fluoranthene	19.116	202	1140481	15.954	ng/u1	100
82) Pyrene	19.480	202	914537	12.469	ng/u1	100
85) Benzo(a)anthracene	21.269	228	641378	8.573	ng/u1	97
87) Chrysene	21.327	228	680806	9.742	ng/u1	98
90) Benzo(b)fluoranthene	23.292	252	866663	10.885	ng/u1	97
91) Benzo(k)fluoranthene	23.351	252	293237m	3.753	ng/u1	
93) Benzo(a)pyrene	24.080	252	386230	5.179	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.515	276	344540m	4.009	ng/u1	
95) Dibenzo(a,h)anthracene	27.545	278	120124m	1.712	ng/u1	

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

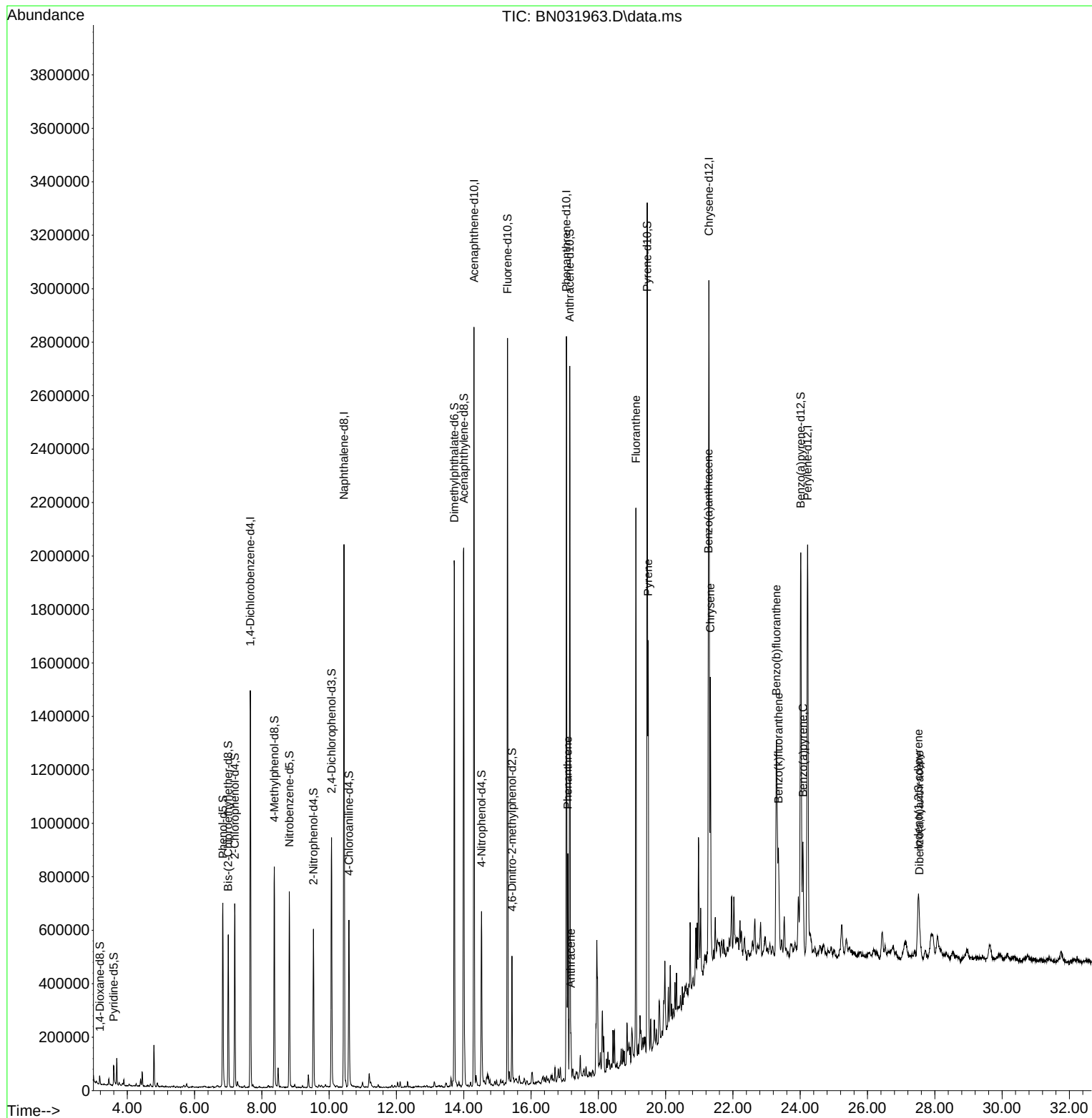
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031963.D
Acq On : 13 Jun 2024 05:48
Operator : MA/JU
Sample : P2678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

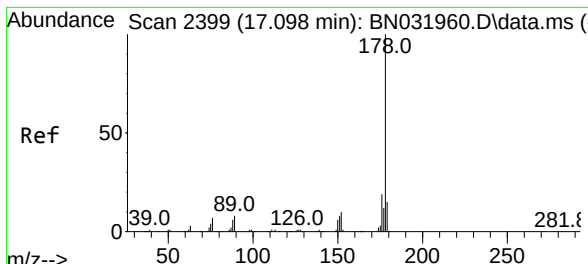
Instrument :
BNA_N
ClientSampleId :
BH684

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
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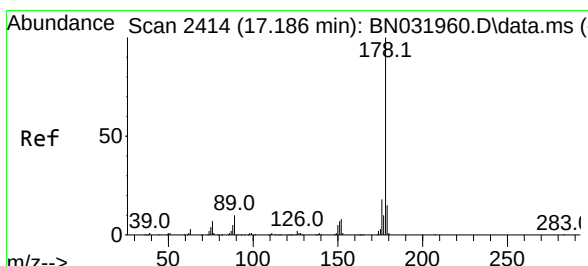
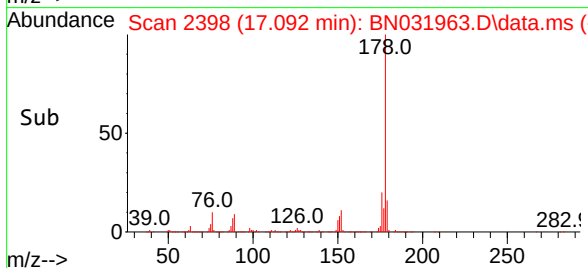
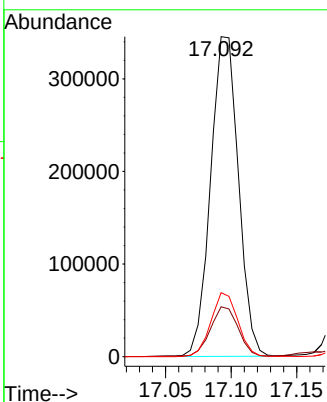
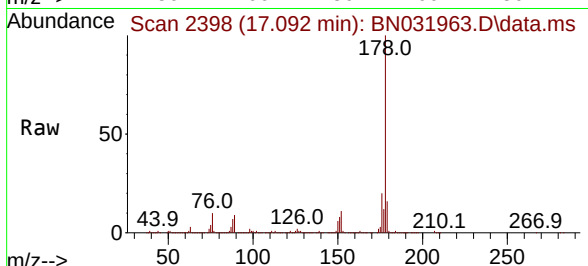
#72
Phenanthrene
Concen: 6.142 ng/ul
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031963.D
Acq: 13 Jun 2024 05:48

Instrument :
BNA_N
ClientSampleId :
BH684

Tgt Ion:178	Resp: 50986
Ion Ratio	Lower Upper
178	100
179	15.6 12.6 19.0
176	20.0 15.8 23.6

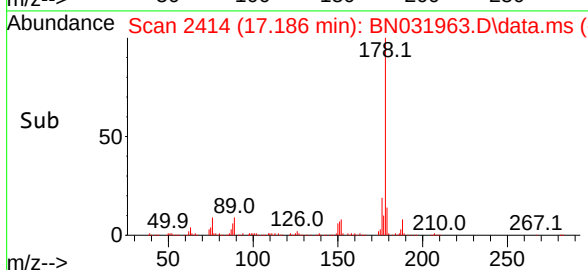
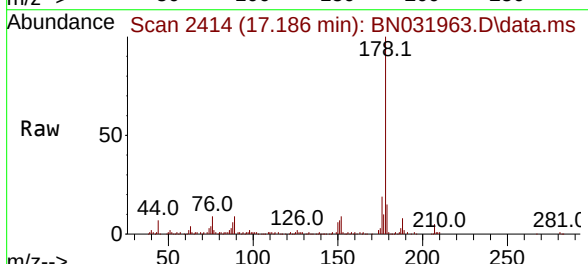
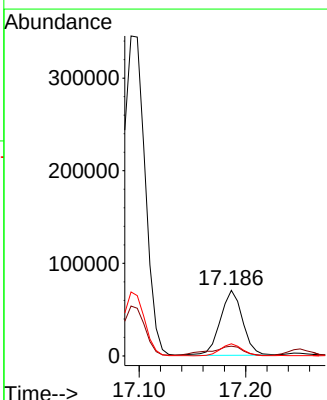
Manual Integrations
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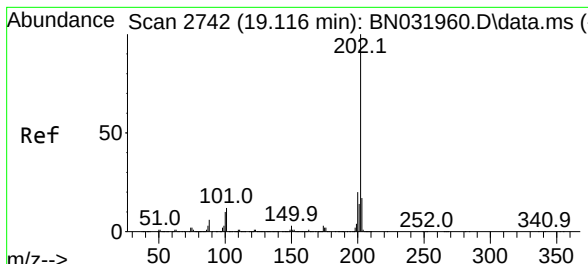
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#74
Anthracene
Concen: 1.222 ng/ul
RT: 17.186 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BN031963.D
Acq: 13 Jun 2024 05:48

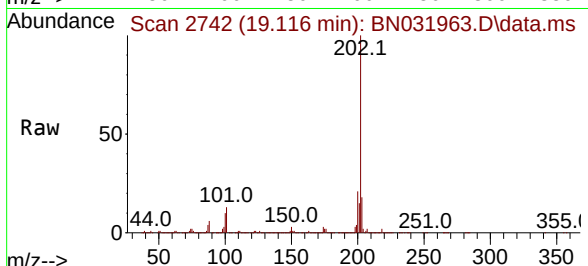
Tgt Ion:178	Resp: 102762
Ion Ratio	Lower Upper
178	100
179	14.8 11.8 17.6
176	18.6 14.8 22.2





#80
 Fluoranthene
 Concen: 15.954 ng/ul
 RT: 19.116 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN031963.D
 Acq: 13 Jun 2024 05:48

Instrument :
 BNA_N
 ClientSampleId :
 BH684

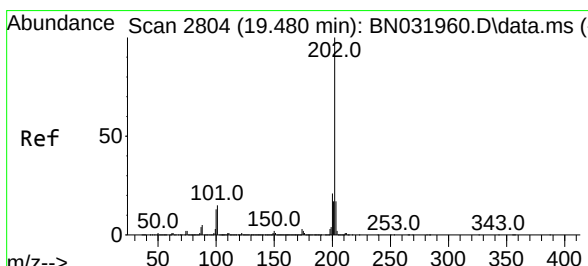
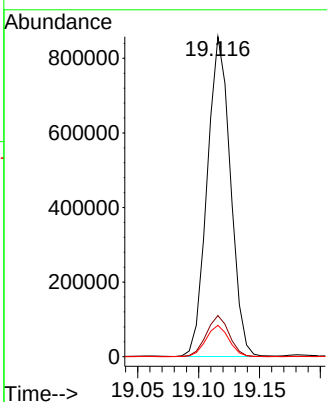
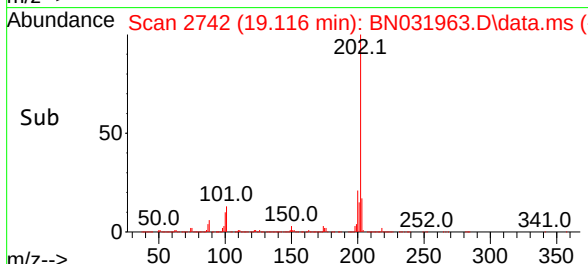


Tgt Ion:202 Resp: 114048

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.3	15.5
100	9.8	8.0	12.0

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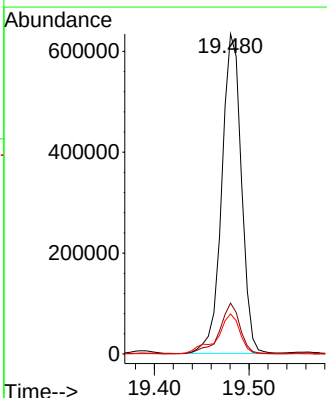
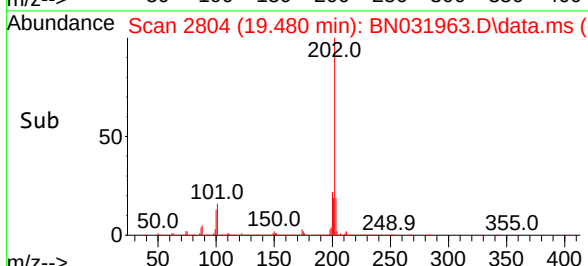
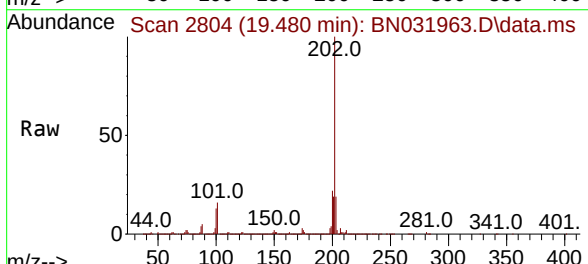
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

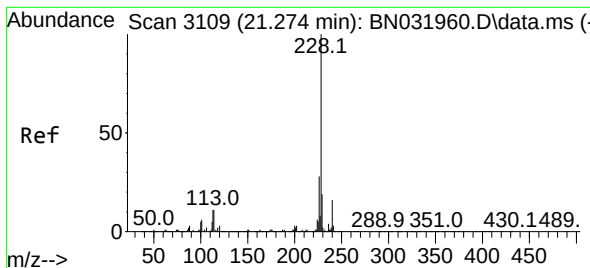


#82
 Pyrene
 Concen: 12.469 ng/ul
 RT: 19.480 min Scan# 2804
 Delta R.T. -0.006 min
 Lab File: BN031963.D
 Acq: 13 Jun 2024 05:48

Tgt Ion:202 Resp: 914537

Ion	Ratio	Lower	Upper
202	100		
101	15.9	12.6	18.8
100	12.5	10.2	15.2





#85

Benzo(a)anthracene

Concen: 8.573 ng/ul

RT: 21.269 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BN031963.D

Acq: 13 Jun 2024 05:48

Instrument :

BNA_N

ClientSampleId :

BH684

Tgt Ion:228 Resp: 641378

Ion Ratio Lower Upper

228 100

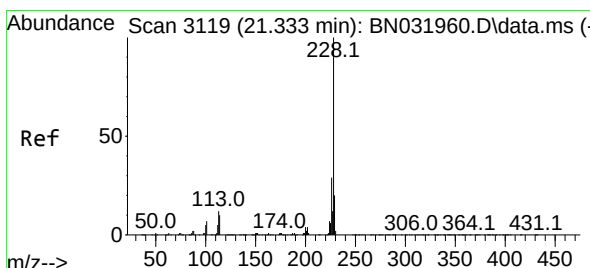
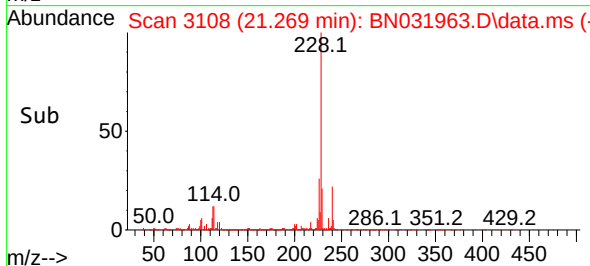
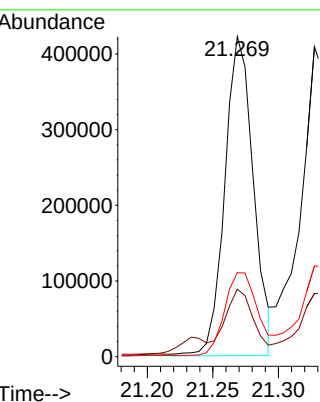
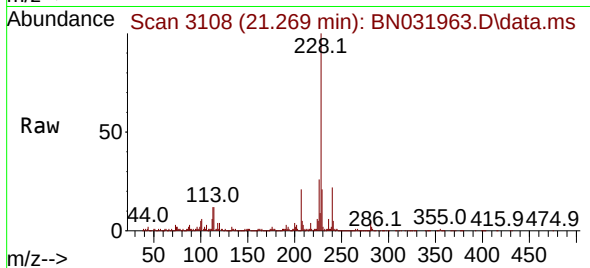
229 21.1 16.7 25.1

226 26.3 22.8 34.2

Manual Integrations

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Supervised By :mohammad ahmed 06/14/2024



#87

Chrysene

Concen: 9.742 ng/ul

RT: 21.327 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BN031963.D

Acq: 13 Jun 2024 05:48

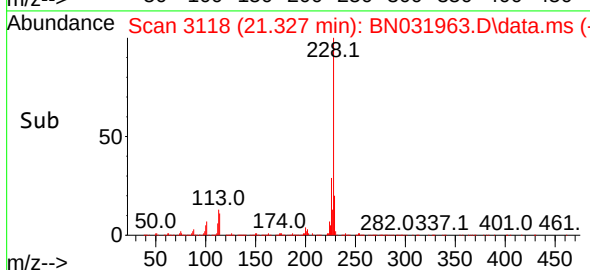
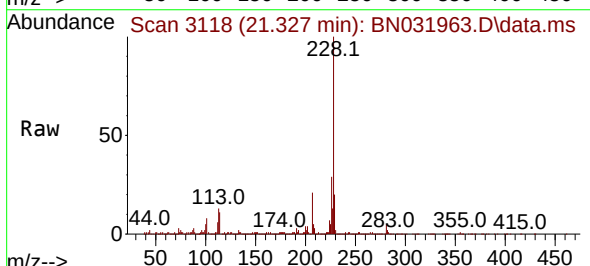
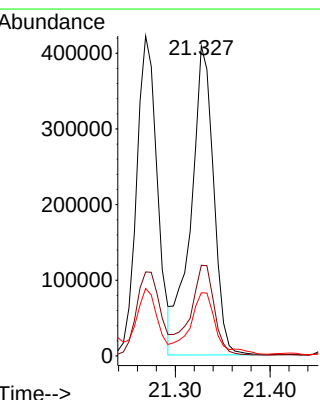
Tgt Ion:228 Resp: 680806

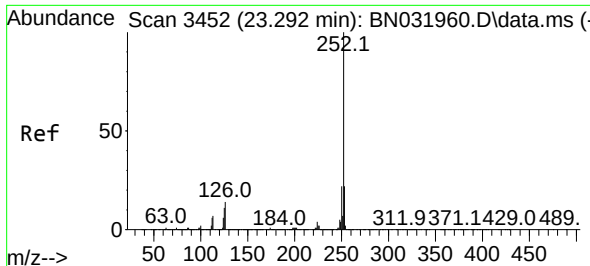
Ion Ratio Lower Upper

228 100

226 29.3 23.7 35.5

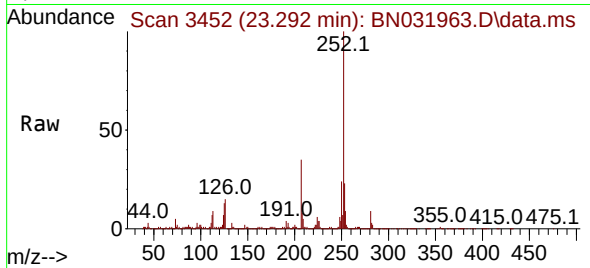
229 20.4 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 10.885 ng/ul
RT: 23.292 min Scan# 3452
Delta R.T. 0.000 min
Lab File: BN031963.D
Acq: 13 Jun 2024 05:48

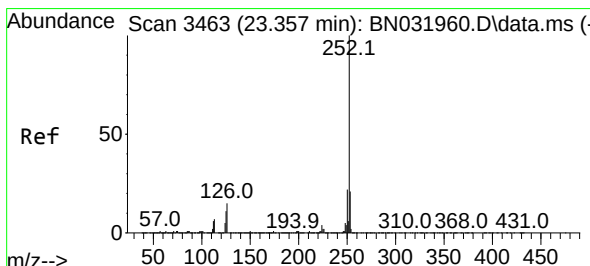
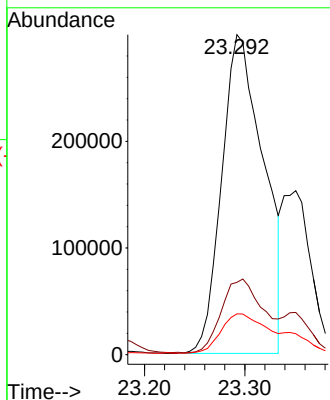
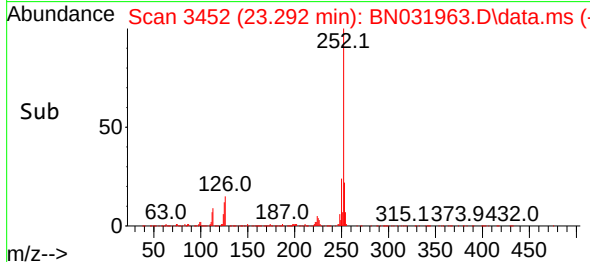
Instrument :
BNA_N
ClientSampleId :
BH684



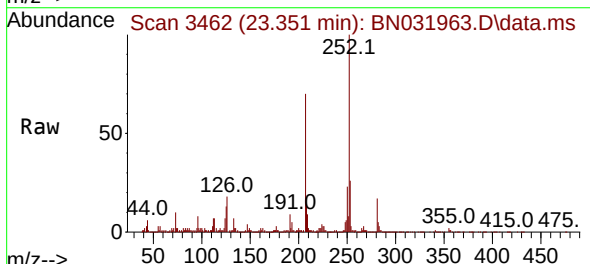
Tgt Ion:252 Resp: 86666
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 12.7 9.2 13.8

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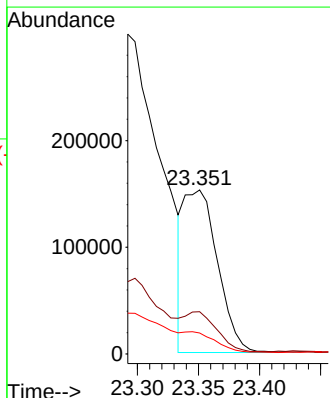
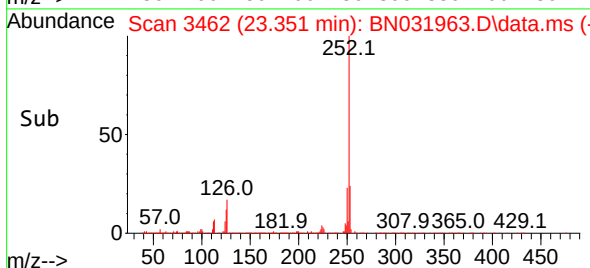
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

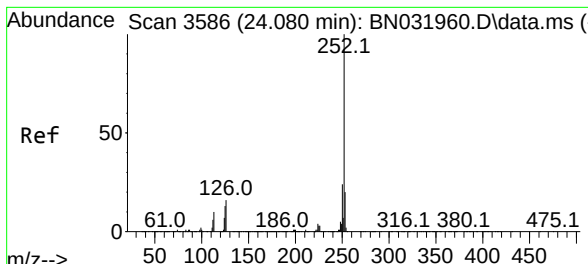


#91
Benzo(k)fluoranthene
Concen: 3.753 ng/ul m
RT: 23.351 min Scan# 3462
Delta R.T. 0.000 min
Lab File: BN031963.D
Acq: 13 Jun 2024 05:48



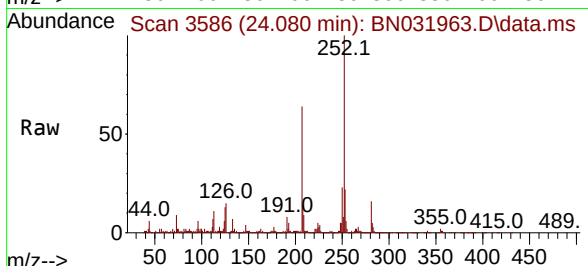
Tgt Ion:252 Resp: 293237
Ion Ratio Lower Upper
252 100
253 25.8 17.6 26.4
125 12.8 9.4 14.2





#93
Benzo(a)pyrene
Concen: 5.179 ng/ul
RT: 24.080 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN031963.D
Acq: 13 Jun 2024 05:48

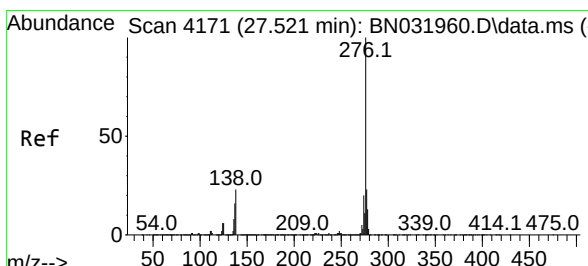
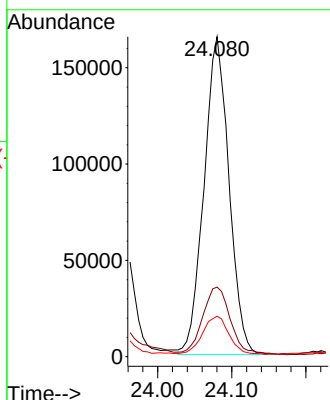
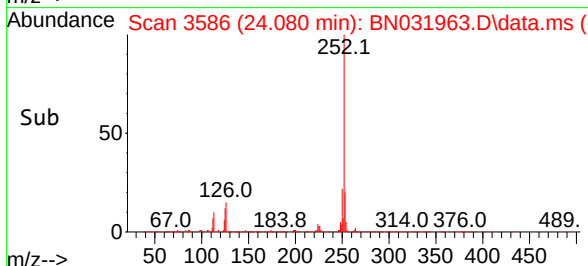
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 386230
Ion Ratio Lower Upper
252 100
253 21.7 16.6 24.8
125 12.7 9.8 14.8

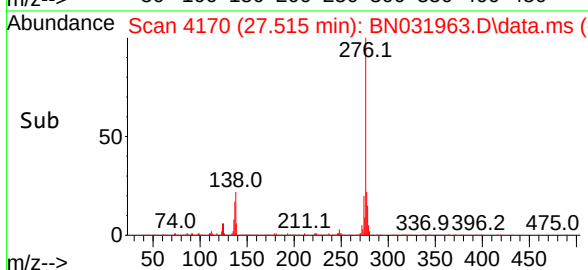
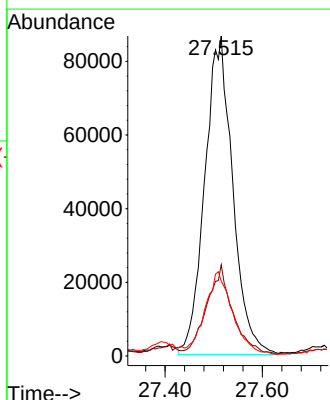
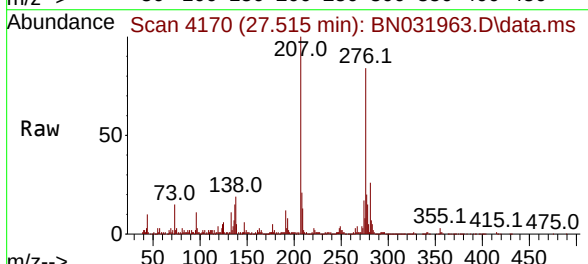
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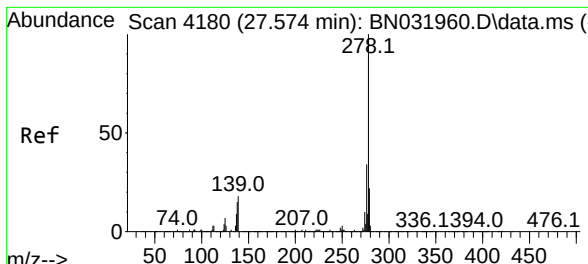
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.009 ng/ul m
RT: 27.515 min Scan# 4170
Delta R.T. 0.000 min
Lab File: BN031963.D
Acq: 13 Jun 2024 05:48

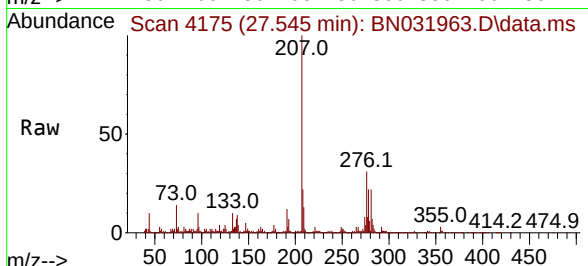
Tgt Ion:276 Resp: 344540
Ion Ratio Lower Upper
276 100
138 22.6 18.1 27.1
277 23.4 18.2 27.2





#95
 Dibenzo(a,h)anthracene
 Concen: 1.712 ng/ul m
 RT: 27.545 min Scan# 41
 Delta R.T. -0.035 min
 Lab File: BN031963.D
 Acq: 13 Jun 2024 05:48

Instrument :
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 ClientSampleId :
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Tgt Ion: 278 Resp: 120124

Ion	Ratio	Lower	Upper
278	100		
139	19.2	15.0	22.6
279	25.5	17.4	26.0

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