

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031857.D
 Acq On : 08 Jun 2024 13:53
 Operator : MA/JU
 Sample : P2647-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBS4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 10 03:14:15 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	409514	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.452	136	1735120	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1055378	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2089617	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1264935	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1479794	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	35246	3.561	ng/uL	-0.01
4) Pyridine-d5	3.593	84	240701	8.638	ng/u1	0.00
7) Phenol-d5	6.846	99	746097	21.252	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	427879	20.837	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	633477	23.648	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	521749	18.232	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	323860	24.411	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	338608	24.708	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	586776	22.935	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	453691	11.943	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	1676104	22.797	ng/u1	-0.02
49) Acenaphthylene-d8	14.010	160	2047333	24.217	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	301551	20.484	ng/u1	0.00
60) Fluorene-d10	15.310	176	1497052	24.064	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	127513	12.140	ng/u1	0.00
73) Anthracene-d10	17.163	188	2233718	24.968	ng/u1	0.00
81) Pyrene-d10	19.463	212	1895775	28.007	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1219838	17.263	ng/u1	0.00
Target Compounds					Qvalue	
37) 1-Methylnaphthalene	12.346	142	64160	1.042	ng/u1	98
72) Phenanthrene	17.110	178	929577	8.733	ng/u1	100
74) Anthracene	17.198	178	168122	1.559	ng/u1	98
80) Fluoranthene	19.128	202	1151571	14.235	ng/u1	99
82) Pyrene	19.492	202	855725	10.310	ng/u1	99
85) Benzo(a)anthracene	21.286	228	457727	5.406	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	129684	2.269	ng/u1#	97
87) Chrysene	21.345	228	500942	6.334	ng/u1	97
90) Benzo(b)fluoranthene	23.316	252	587756	6.645	ng/u1	99
91) Benzo(k)fluoranthene	23.374	252	179684m	2.070	ng/u1	
93) Benzo(a)pyrene	24.104	252	244351	2.950	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	27.551	276	204793	2.145	ng/u1	98

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

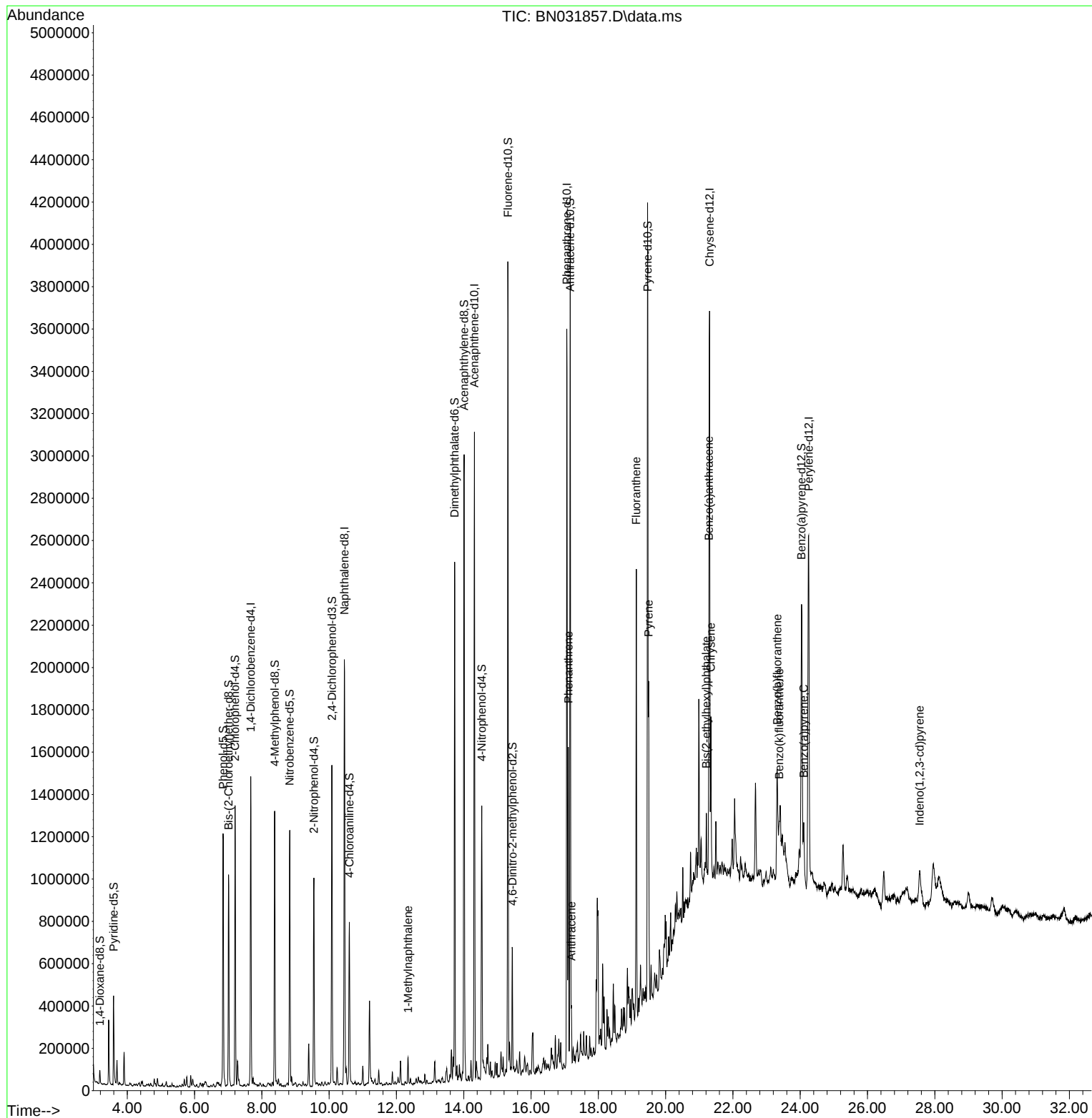
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031857.D
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 ALS Vial : 8 Sample Multiplier: 1

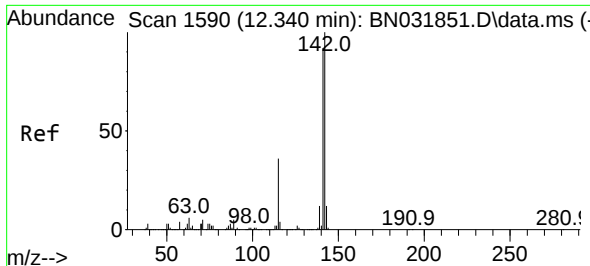
Instrument :
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#37

1-Methylnaphthalene

Concen: 1.042 ng/ul

RT: 12.346 min Scan# 1591

Delta R.T. -0.012 min

Lab File: BN031857.D

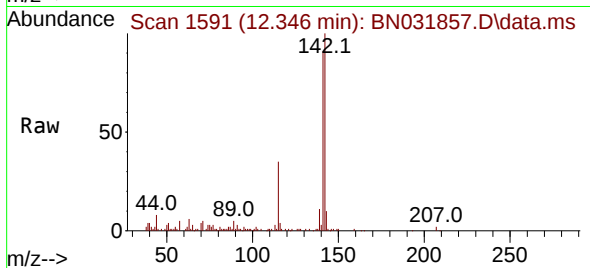
Acq: 08 Jun 2024 13:53

Instrument :

BNA_N

ClientSampleId :

BHBS4



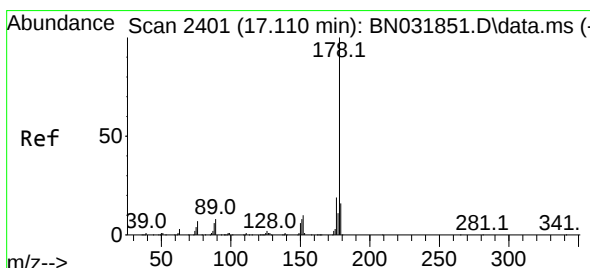
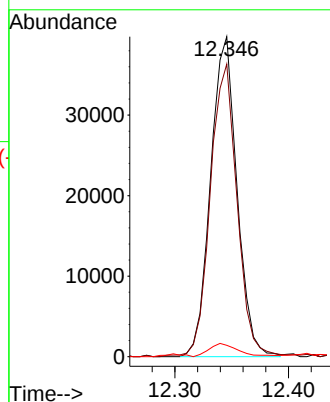
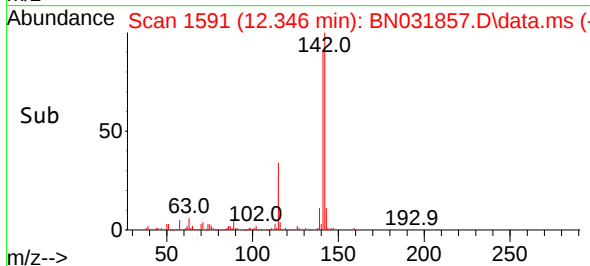
Tgt Ion:	142	Resp:	64160
Ion Ratio	Lower	Upper	
142	100		
141	91.5	71.7	107.5
116	3.6	3.0	4.4

Manual Integrations

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#72

Phenanthrene

Concen: 8.733 ng/ul

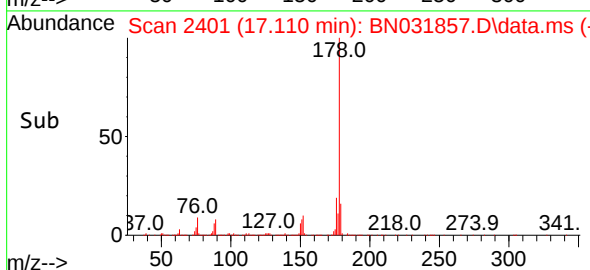
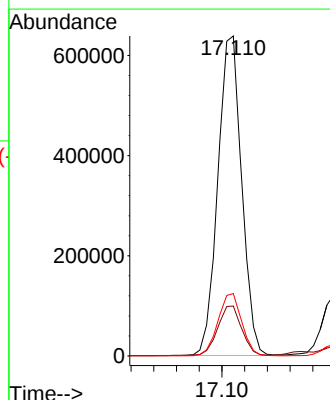
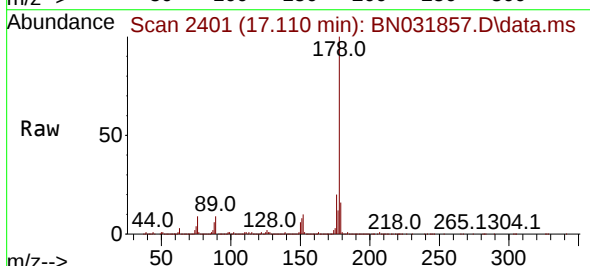
RT: 17.110 min Scan# 2401

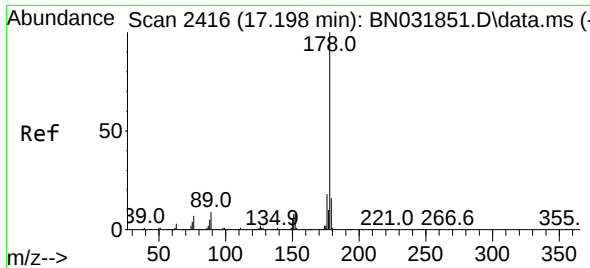
Delta R.T. -0.006 min

Lab File: BN031857.D

Acq: 08 Jun 2024 13:53

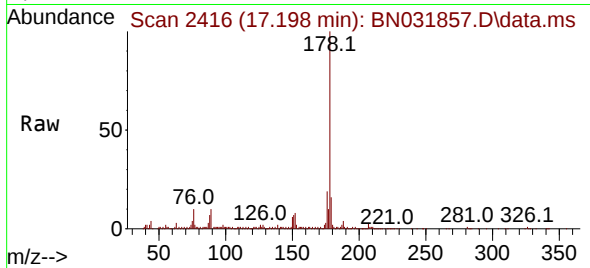
Tgt Ion:	178	Resp:	929577
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	19.0
176	19.5	15.8	23.6





#74
 Anthracene
 Concen: 1.559 ng/ul
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BN031857.D
 Acq: 08 Jun 2024 13:53

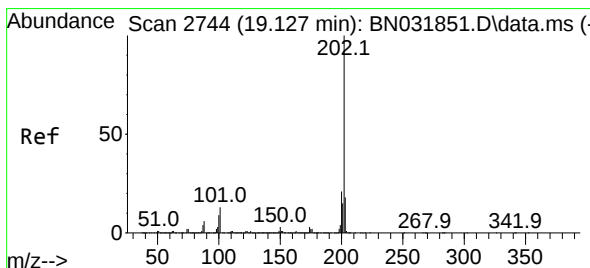
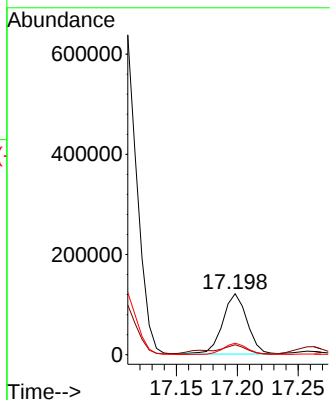
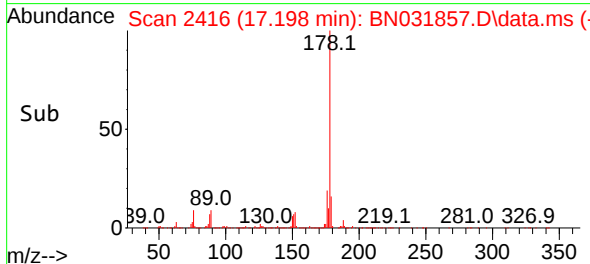
Instrument :
 BNA_N
 ClientSampleId :
 BHBS4



Tgt Ion:178 Resp: 16812
 Ion Ratio Lower Upper
 178 100
 179 16.3 11.8 17.6
 176 18.9 14.8 22.2

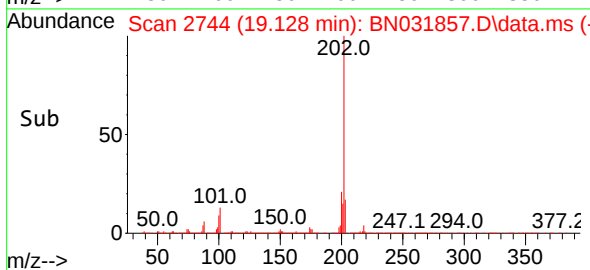
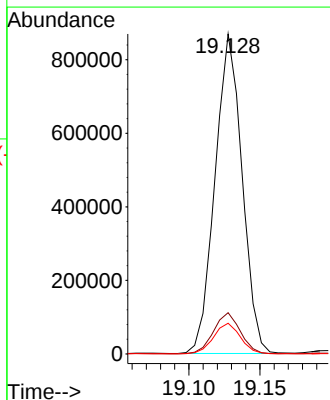
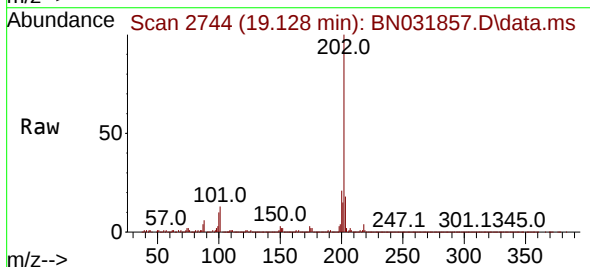
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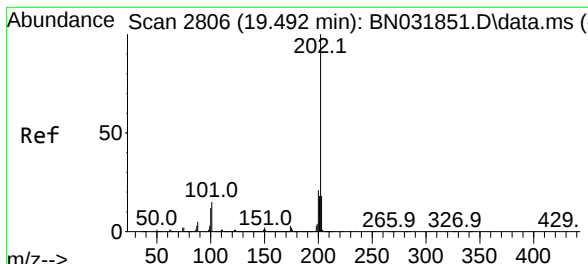
Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024



#80
 Fluoranthene
 Concen: 14.235 ng/ul
 RT: 19.128 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BN031857.D
 Acq: 08 Jun 2024 13:53

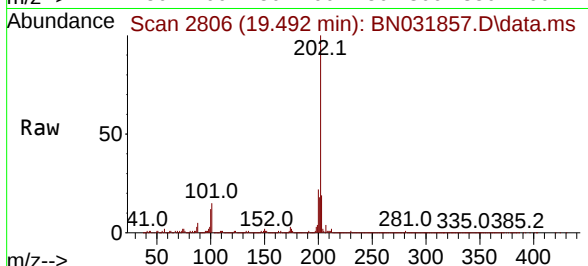
Tgt Ion:202 Resp: 1151571
 Ion Ratio Lower Upper
 202 100
 101 12.9 10.3 15.5
 100 9.6 8.0 12.0





#82
 Pyrene
 Concen: 10.310 ng/ul
 RT: 19.492 min Scan# 2806
 Delta R.T. -0.000 min
 Lab File: BN031857.D
 Acq: 08 Jun 2024 13:53

Instrument : BNA_N
 ClientSampleId : BHBS4

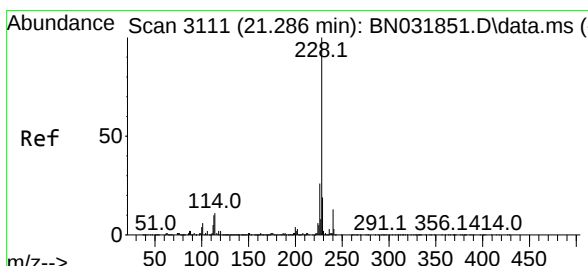
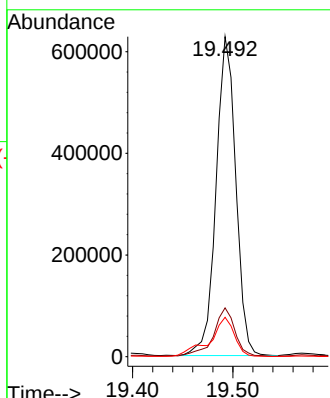
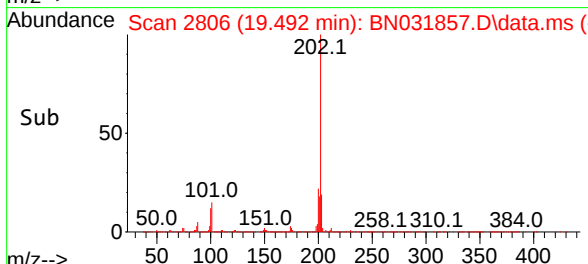


Tgt Ion: 202 Resp: 855725

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.6	18.8
100	12.3	10.2	15.2

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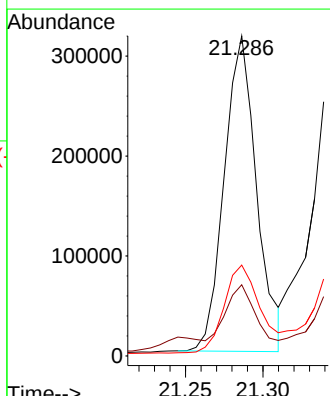
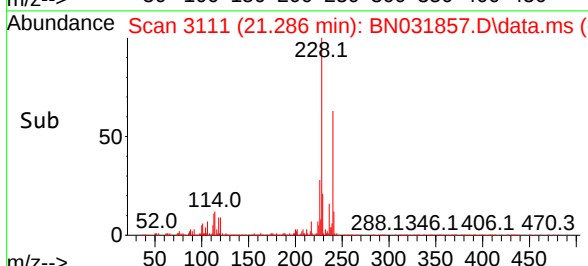
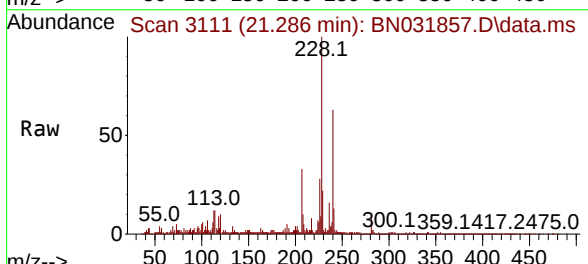
Reviewed By : Yogesh Patel 06/10/2024
 Supervised By : mohammad ahmed 06/10/2024

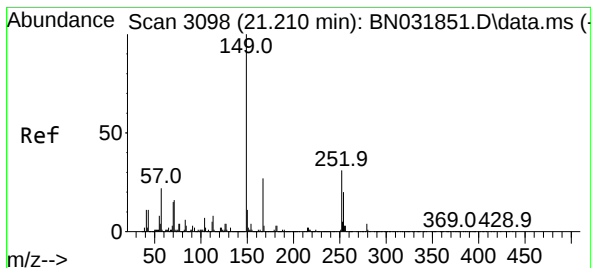


#85
 Benzo(a)anthracene
 Concen: 5.406 ng/ul
 RT: 21.286 min Scan# 3111
 Delta R.T. -0.000 min
 Lab File: BN031857.D
 Acq: 08 Jun 2024 13:53

Tgt Ion: 228 Resp: 457727

Ion	Ratio	Lower	Upper
228	100		
229	22.2	16.7	25.1
226	28.4	22.8	34.2





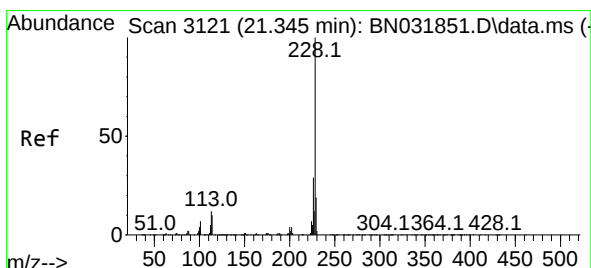
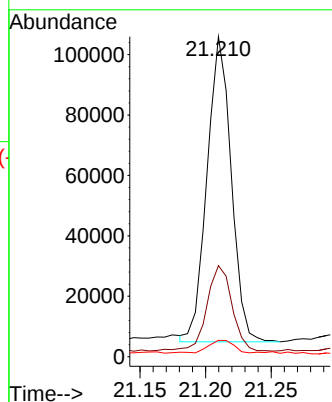
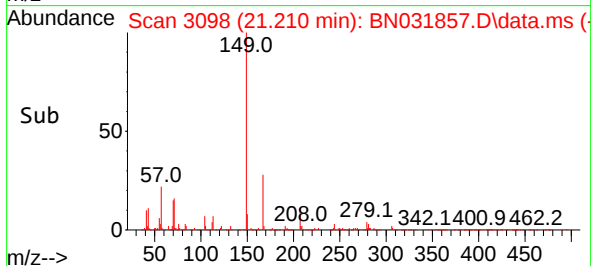
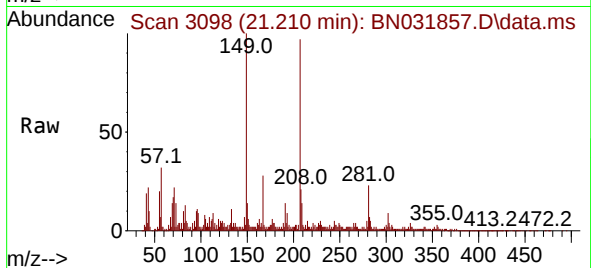
#86
Bis(2-ethylhexyl)phthalate
Concen: 2.269 ng/ul
RT: 21.210 min Scan# 3098
Delta R.T. -0.012 min
Lab File: BN031857.D
Acq: 08 Jun 2024 13:53

Instrument :
BNA_N
ClientSampleId :
BHBS4

Tgt Ion:149 Resp: 129684
Ion Ratio Lower Upper
149 100
167 28.5 21.4 32.0
279 5.1 3.3 4.9

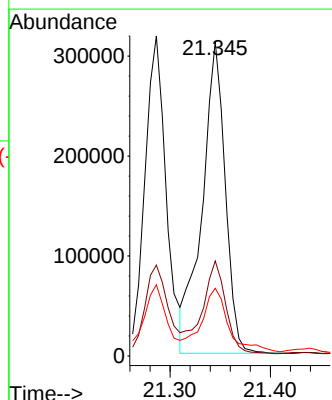
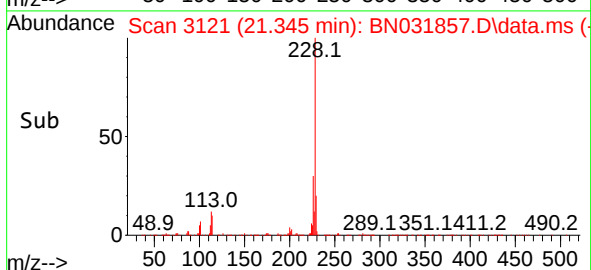
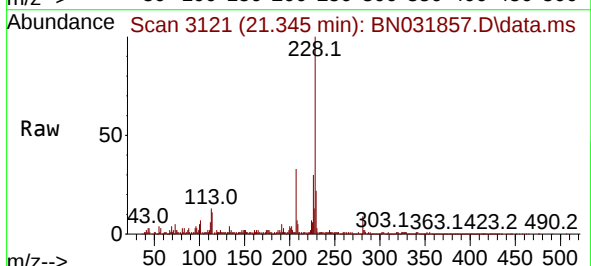
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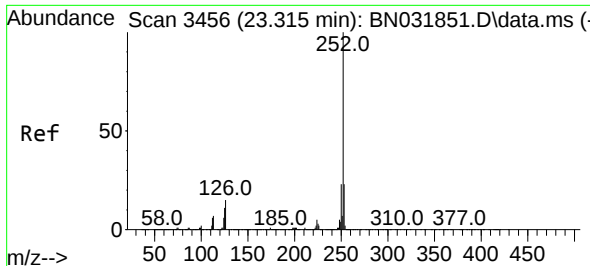
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



#87
Chrysene
Concen: 6.334 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031857.D
Acq: 08 Jun 2024 13:53

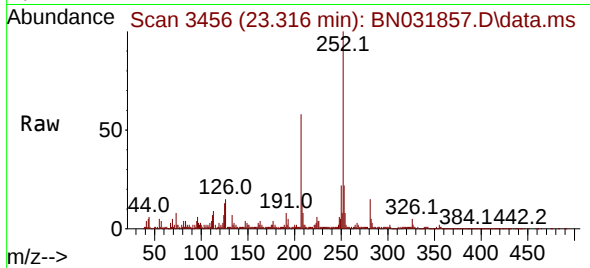
Tgt Ion:228 Resp: 500942
Ion Ratio Lower Upper
228 100
226 30.2 23.7 35.5
229 21.5 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 6.645 ng/ul
RT: 23.316 min Scan# 3456
Delta R.T. 0.006 min
Lab File: BN031857.D
Acq: 08 Jun 2024 13:53

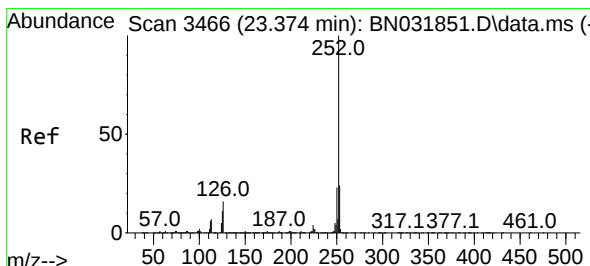
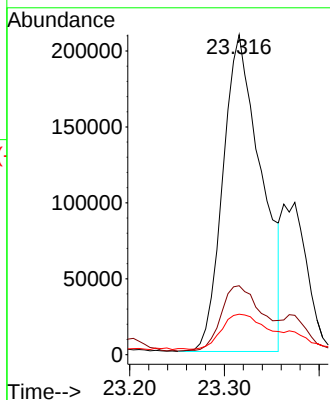
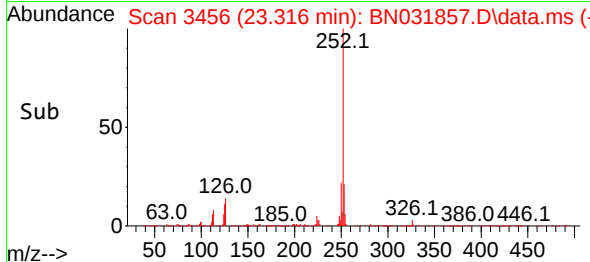
Instrument :
BNA_N
ClientSampleId :
BHBS4



Tgt Ion:252 Resp: 587750
Ion Ratio Lower Upper
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253 21.5 17.0 25.6
125 12.7 9.2 13.8

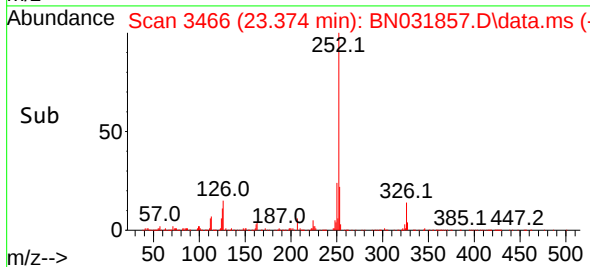
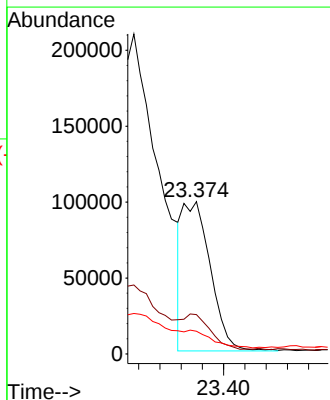
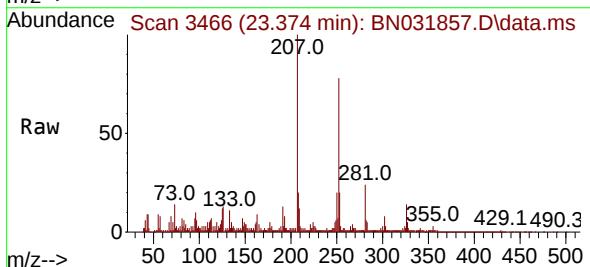
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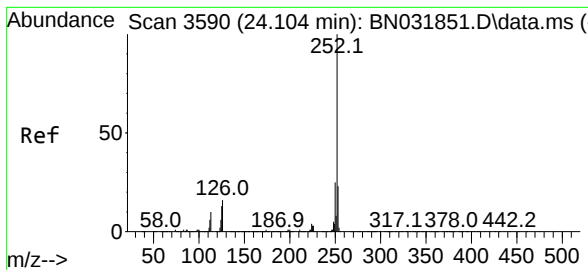
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



#91
Benzo(k)fluoranthene
Concen: 2.070 ng/ul m
RT: 23.374 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BN031857.D
Acq: 08 Jun 2024 13:53

Tgt Ion:252 Resp: 179684
Ion Ratio Lower Upper
252 100
253 25.9 17.6 26.4
125 14.9 9.4 14.2#





#93

Benzo(a)pyrene

Concen: 2.950 ng/ul

RT: 24.104 min Scan# 3590

Delta R.T. -0.000 min

Lab File: BN031857.D

Acq: 08 Jun 2024 13:53

Instrument :

BNA_N

ClientSampleId :

BHBS4

Tgt Ion:252 Resp: 24435

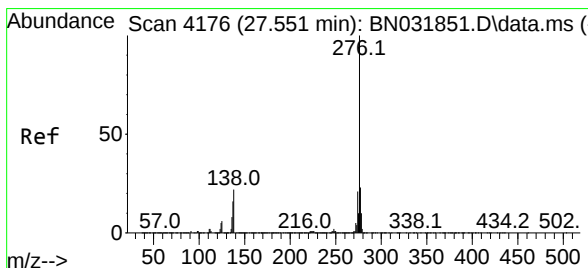
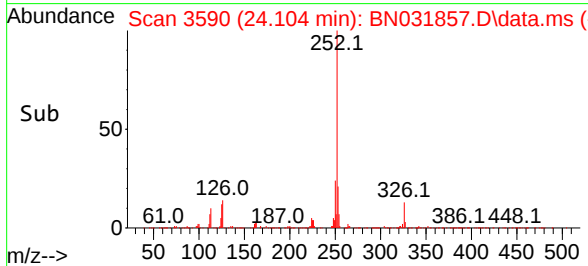
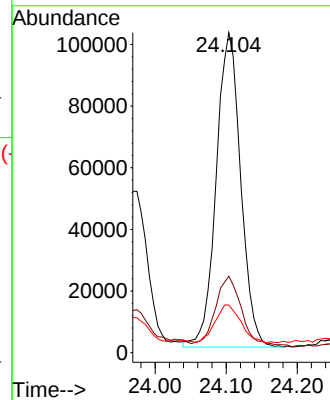
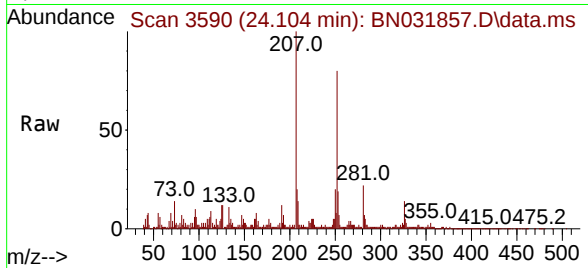
Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.6	24.8
125	14.9	9.8	14.8

Manual Integrations

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Supervised By :mohammad ahmed 06/10/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.145 ng/ul

RT: 27.551 min Scan# 4176

Delta R.T. 0.018 min

Lab File: BN031857.D

Acq: 08 Jun 2024 13:53

Tgt Ion:276 Resp: 204793

Ion	Ratio	Lower	Upper
276	100		
138	24.0	18.1	27.1
277	23.4	18.2	27.2

