

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031818.D
 Acq On : 06 Jun 2024 14:35
 Operator : MA/JU
 Sample : P2634-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHB5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 07 00:26:36 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	372586	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	1529177	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	927901	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1904122	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1723399	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1501282	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	30151	3.348	ng/uL	0.00
4) Pyridine-d5	3.587	84	379109	14.954	ng/u1	-0.01
7) Phenol-d5	6.840	99	564389	17.670	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.010	67	322046	17.237	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.204	132	454626	18.654	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	427682	16.426	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	228494	19.543	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	239842	19.858	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.075	165	426802	18.929	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.598	131	589858	17.619	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	1304904	20.186	ng/u1	-0.02
49) Acenaphthylene-d8	14.004	160	1565905	21.067	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.522	143	223845	17.295	ng/u1	0.00
60) Fluorene-d10	15.310	176	1130781	20.674	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.433	200	151563	15.836	ng/u1	0.00
73) Anthracene-d10	17.163	188	1613586	19.794	ng/u1	0.00
81) Pyrene-d10	19.463	212	2041055	22.132	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	1458936	20.352	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.104	178	729751	7.523	ng/u1	99
74) Anthracene	17.198	178	131517	1.338	ng/u1	97
80) Fluoranthene	19.127	202	1493149	13.548	ng/u1	99
82) Pyrene	19.492	202	1354207	11.976	ng/u1	97
85) Benzo(a)anthracene	21.280	228	615764	5.338	ng/u1	96
87) Chrysene	21.339	228	638097	5.922	ng/u1	97
90) Benzo(b)fluoranthene	23.310	252	668581	7.451	ng/u1	97
91) Benzo(k)fluoranthene	23.362	252	259582m	2.948	ng/u1	
93) Benzo(a)pyrene	24.098	252	475519	5.658	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.527	276	294767	3.044	ng/u1	96
96) Benzo(g,h,i)perylene	28.562	276	289258	3.757	ng/u1	100

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

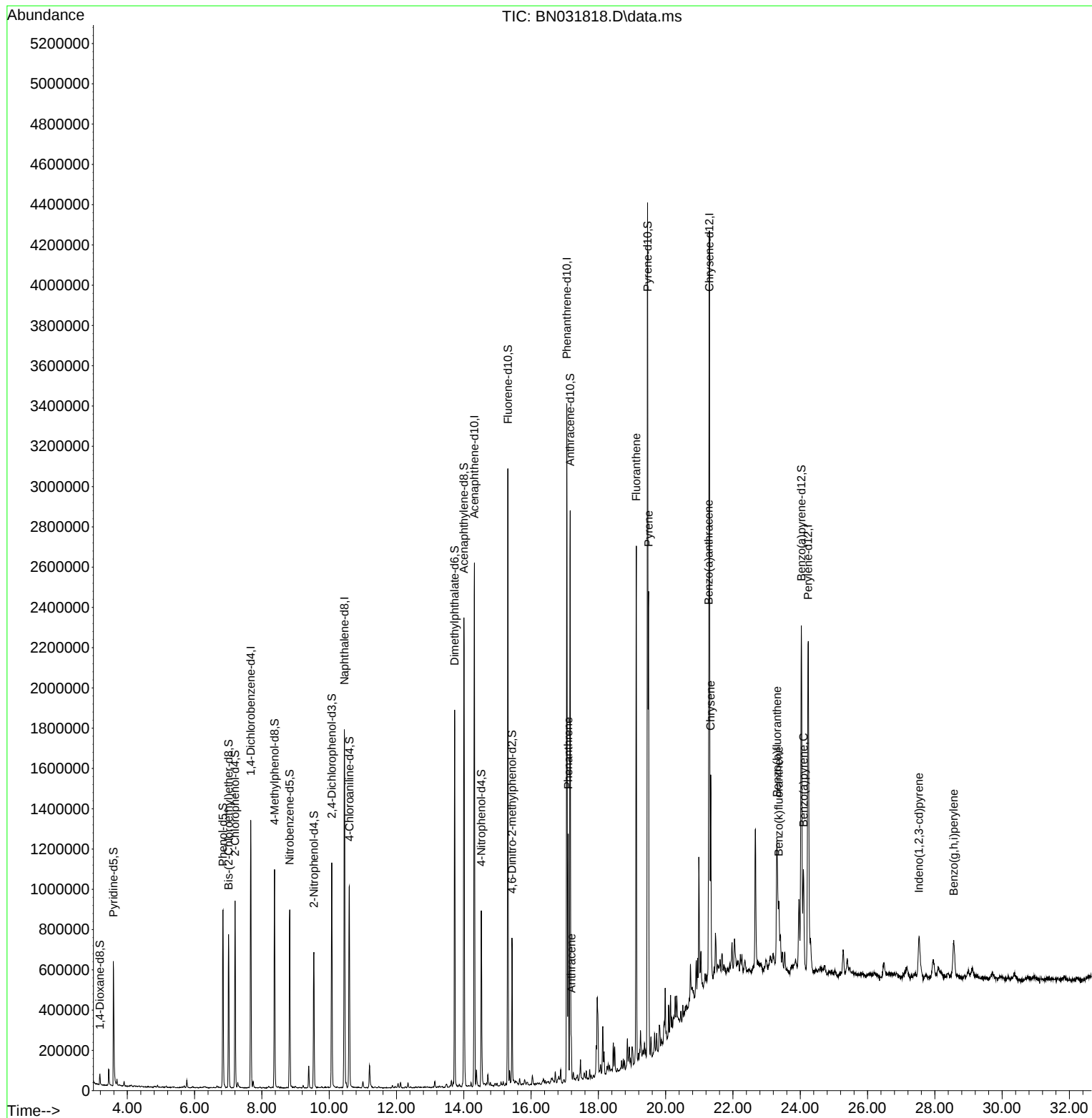
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031818.D
 Acq On : 06 Jun 2024 14:35
 Operator : MA/JU
 Sample : P2634-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

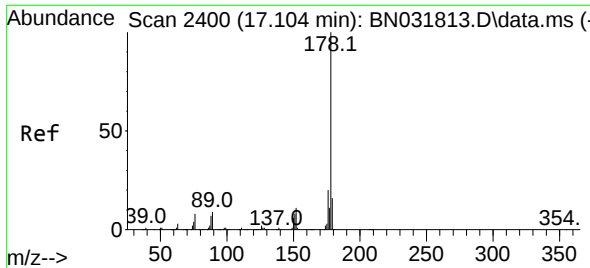
Instrument :
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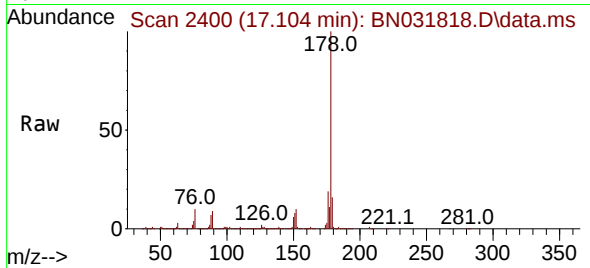
Quant Time: Jun 07 00:26:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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#72
Phenanthrene
Concen: 7.523 ng/u1
RT: 17.104 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BN031818.D
Acq: 06 Jun 2024 14:35

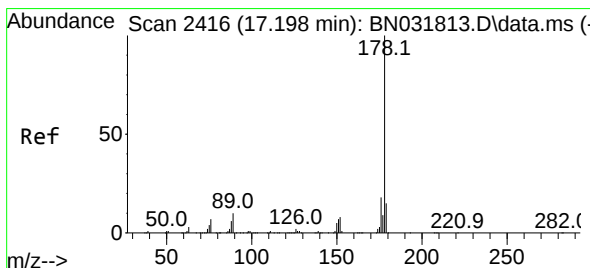
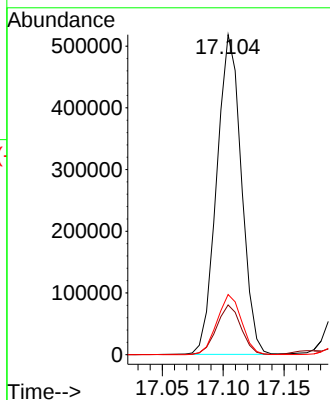
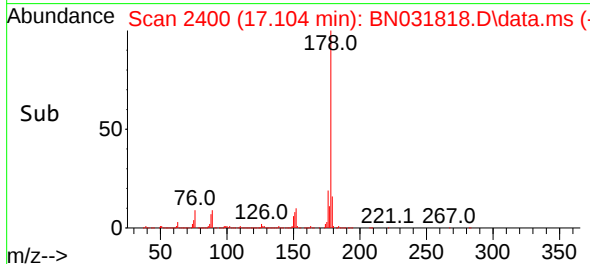
Instrument :
BNA_N
ClientSampleId :
BHB5



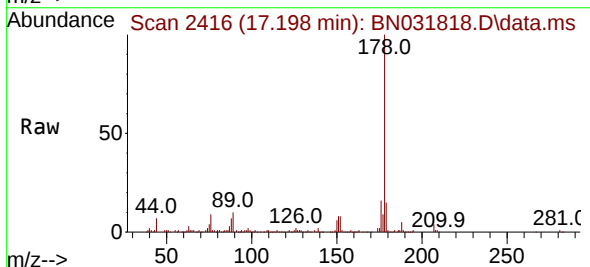
Tgt Ion:178 Resp: 72975
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 18.8 15.8 23.6

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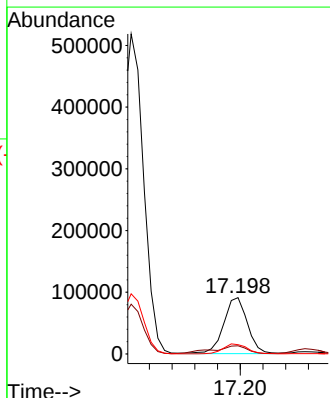
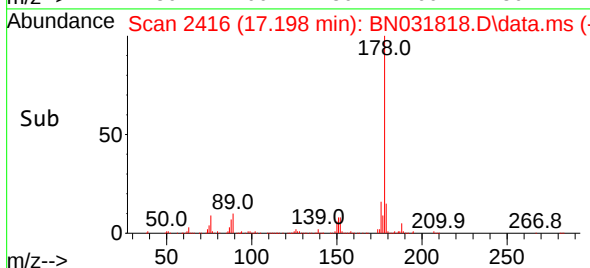
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

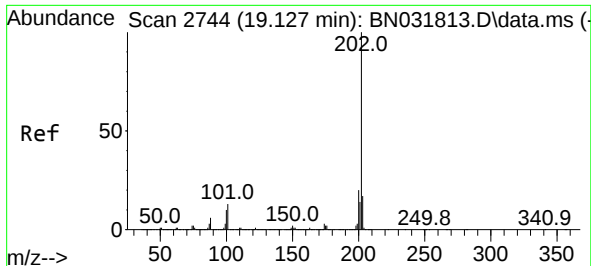


#74
Anthracene
Concen: 1.338 ng/u1
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BN031818.D
Acq: 06 Jun 2024 14:35



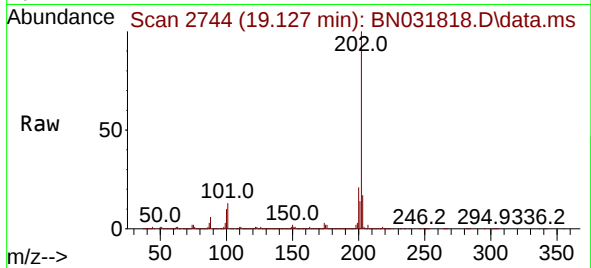
Tgt Ion:178 Resp: 131517
Ion Ratio Lower Upper
178 100
179 14.6 11.8 17.6
176 16.4 14.8 22.2





#80
Fluoranthene
Concen: 13.548 ng/ul
RT: 19.127 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BN031818.D
Acq: 06 Jun 2024 14:35

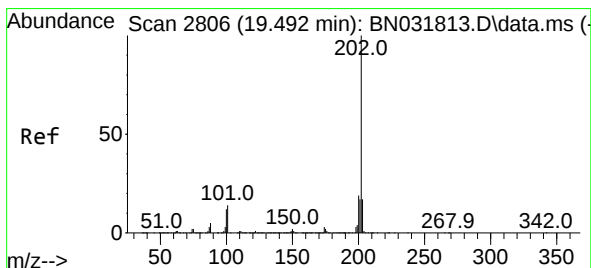
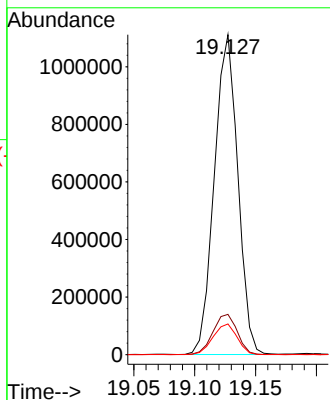
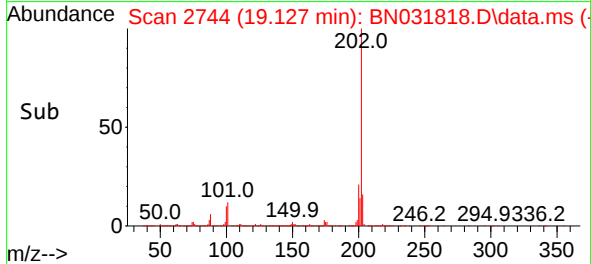
Instrument :
BNA_N
ClientSampleId :
BHB5



Tgt Ion:202 Resp: 1493149
Ion Ratio Lower Upper
202 100
101 12.6 10.3 15.5
100 9.6 8.0 12.0

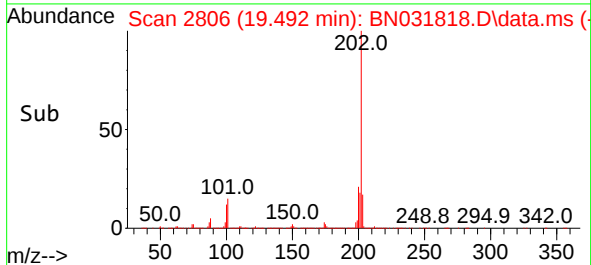
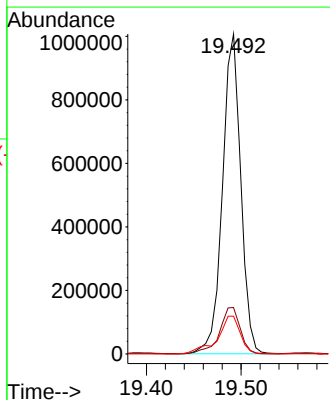
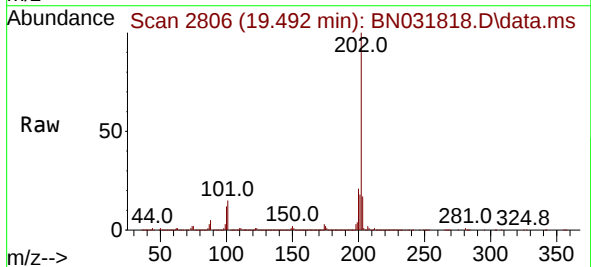
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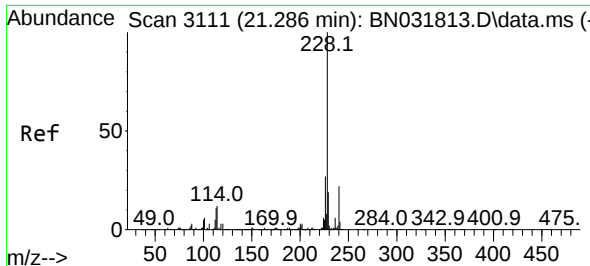
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#82
Pyrene
Concen: 11.976 ng/ul
RT: 19.492 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BN031818.D
Acq: 06 Jun 2024 14:35

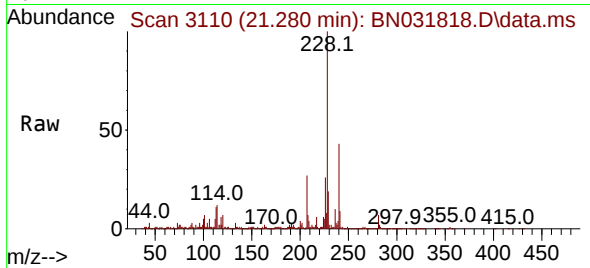
Tgt Ion:202 Resp: 1354207
Ion Ratio Lower Upper
202 100
101 14.5 12.6 18.8
100 11.8 10.2 15.2





#85
Benzo(a)anthracene
Concen: 5.338 ng/u1
RT: 21.280 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BN031818.D
Acq: 06 Jun 2024 14:35

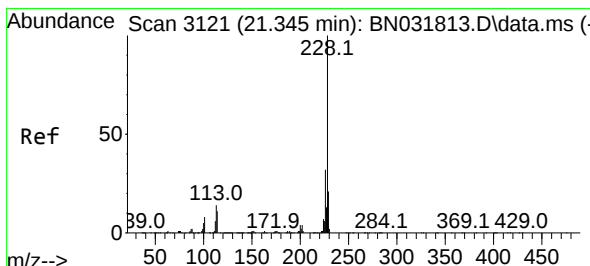
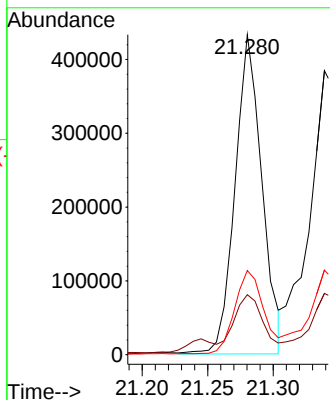
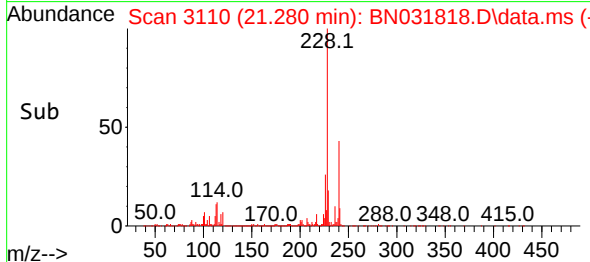
Instrument :
BNA_N
ClientSampleId :
BHB5



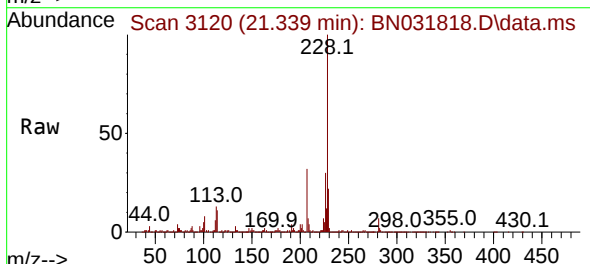
Tgt Ion:228 Resp: 615764
Ion Ratio Lower Upper
228 100
229 18.8 16.7 25.1
226 26.3 22.8 34.2

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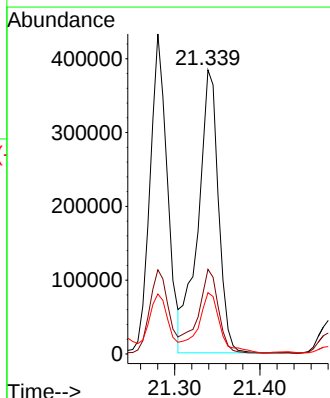
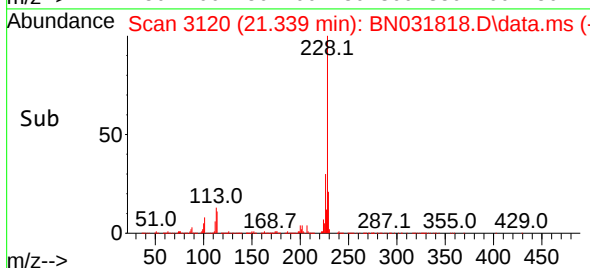
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

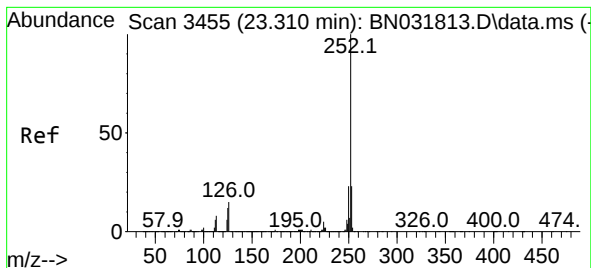


#87
Chrysene
Concen: 5.922 ng/u1
RT: 21.339 min Scan# 3120
Delta R.T. -0.012 min
Lab File: BN031818.D
Acq: 06 Jun 2024 14:35



Tgt Ion:228 Resp: 638097
Ion Ratio Lower Upper
228 100
226 29.8 23.7 35.5
229 21.6 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 7.451 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. -0.000 min

Lab File: BN031818.D

Acq: 06 Jun 2024 14:35

Instrument :

BNA_N

ClientSampleId :

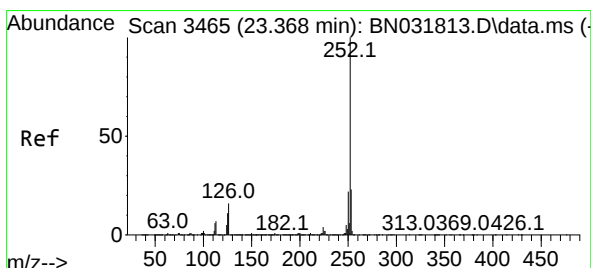
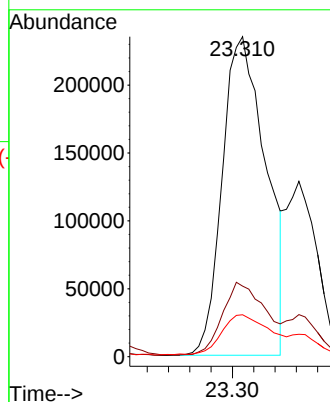
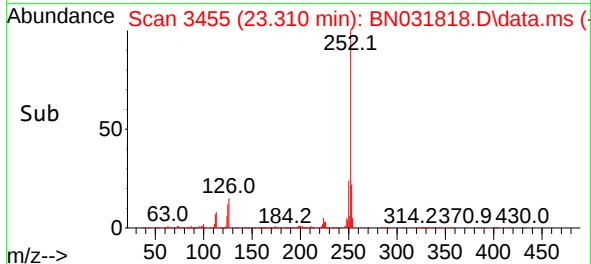
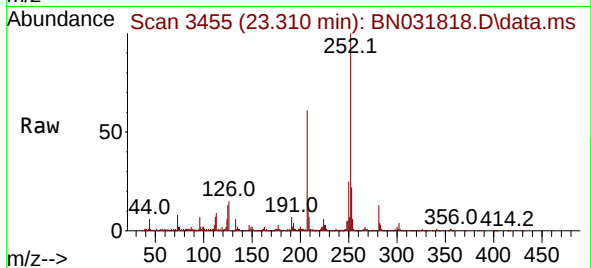
BHBY5

Tgt Ion:	252	Resp:	66858
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	13.1	9.2	13.8

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 2.948 ng/ul m

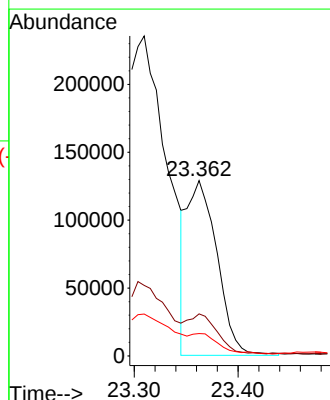
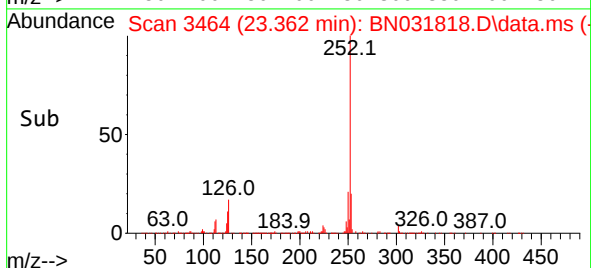
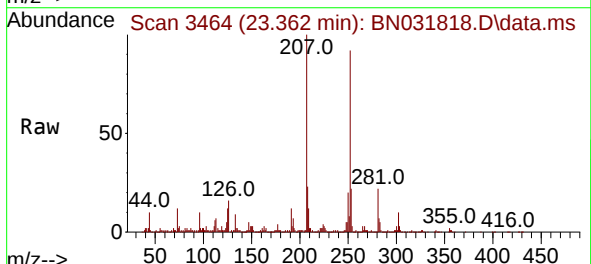
RT: 23.362 min Scan# 3464

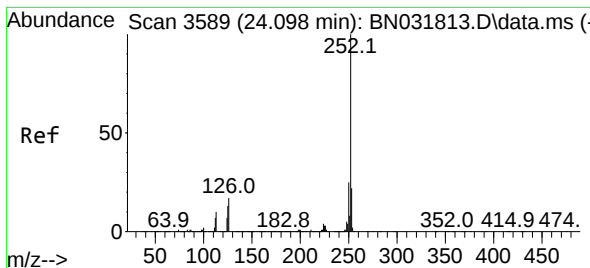
Delta R.T. -0.012 min

Lab File: BN031818.D

Acq: 06 Jun 2024 14:35

Tgt Ion:	252	Resp:	259582
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.6	26.4
125	12.8	9.4	14.2





#93

Benzo(a)pyrene

Concen: 5.658 ng/ul

RT: 24.098 min Scan# 3589

Delta R.T. -0.006 min

Lab File: BN031818.D

Acq: 06 Jun 2024 14:35

Instrument :

BNA_N

ClientSampleId :

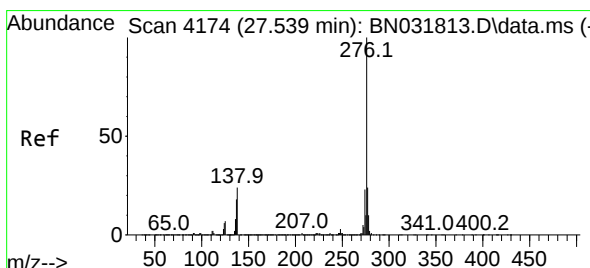
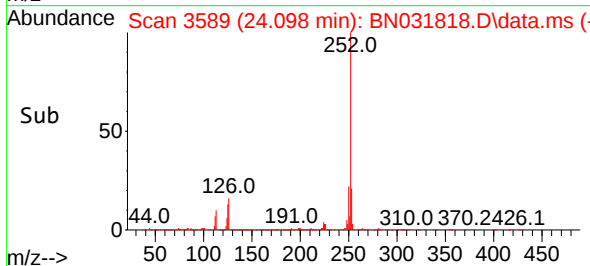
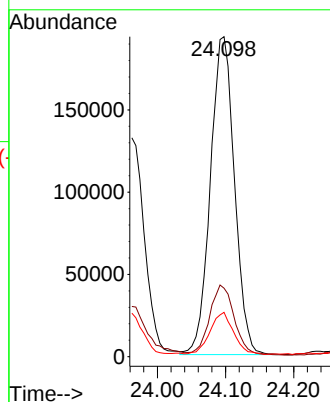
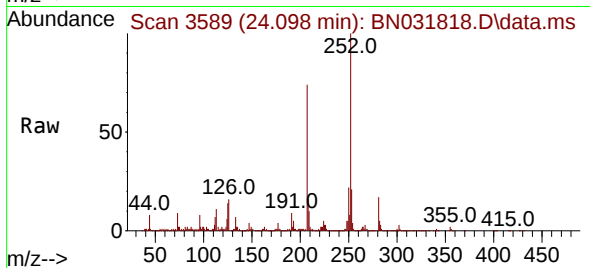
BHBY5

Tgt Ion:	252	Resp:	475519
Ion Ratio	Lower	Upper	
252	100		
253	21.4	16.6	24.8
125	13.8	9.8	14.8

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 3.044 ng/ul

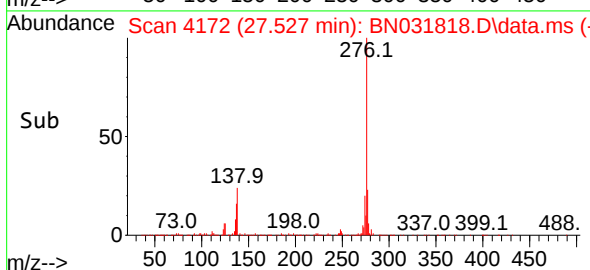
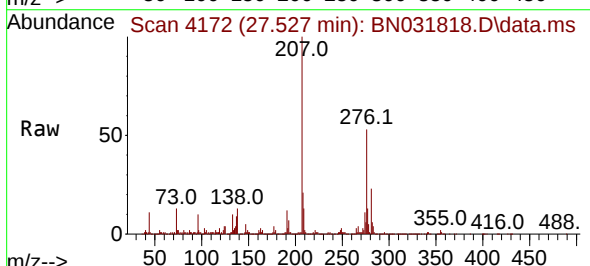
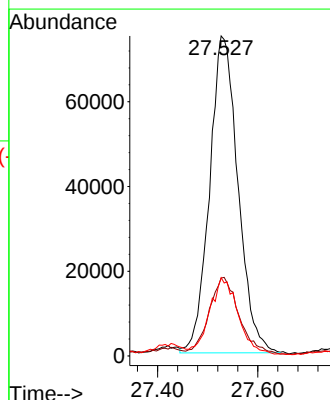
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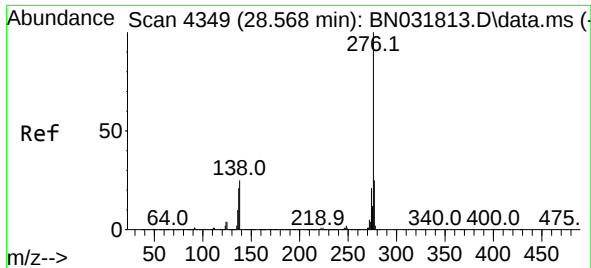
Delta R.T. -0.006 min

Lab File: BN031818.D

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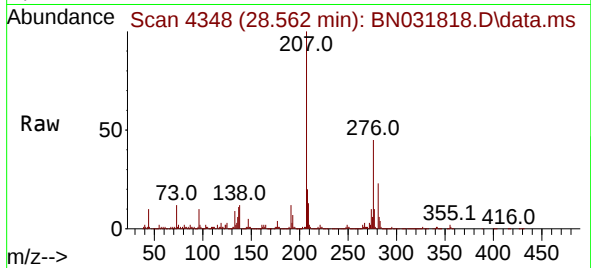
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Ion Ratio	Lower	Upper	
276	100		
138	24.4	18.1	27.1
277	24.4	18.2	27.2





#96
 Benzo(g,h,i)perylene
 Concen: 3.757 ng/ul
 RT: 28.562 min Scan# 4348
 Delta R.T. -0.006 min
 Lab File: BN031818.D
 Acq: 06 Jun 2024 14:35

Instrument :
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Tgt Ion: 276 Resp: 289258
 Ion Ratio Lower Upper
 276 100
 138 26.4 20.9 31.3
 277 22.3 18.0 27.0

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