

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031965.D
 Acq On : 13 Jun 2024 07:06
 Operator : MA/JU
 Sample : P2648-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBW0

Manual Integrations
 APPROVED

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

Quant Time: Jun 13 07:37:50 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	448226	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1856224	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1073976	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1777753	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1203164	20.000	ng/u1	0.00
88) Perylene-d12	24.222	264	1430689	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	38539	3.557	ng/uL	0.00
4) Pyridine-d5	3.617	84	5704m	0.187	ng/u1	0.04
7) Phenol-d5	6.840	99	898948	23.395	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	520487	23.157	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	737002	25.137	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	675306	21.560	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	377454	26.595	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	407591	27.801	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	678084	24.775	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	468422	11.527	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	2007096	26.826	ng/u1	0.00
49) Acenaphthylene-d8	13.999	160	2225201	25.865	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	254563	16.993	ng/u1	0.00
60) Fluorene-d10	15.298	176	1552921	24.530	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	150222	16.811	ng/u1	0.00
73) Anthracene-d10	17.151	188	1953966	25.673	ng/u1	0.00
81) Pyrene-d10	19.451	212	1673188	25.988	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.016	264	1256978	18.400	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.092	178	239017	2.639	ng/u1	98
80) Fluoranthene	19.116	202	452764	5.884	ng/u1	99
82) Pyrene	19.481	202	338061	4.282	ng/u1	98
85) Benzo(a)anthracene	21.269	228	191332	2.376	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.198	149	73145	1.346	ng/u1	98
87) Chrysene	21.328	228	223816	2.975	ng/u1	99
90) Benzo(b)fluoranthene	23.292	252	300157	3.510	ng/u1	96
93) Benzo(a)pyrene	24.080	252	113903	1.422	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	27.504	276	110220	1.194	ng/u1	93

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

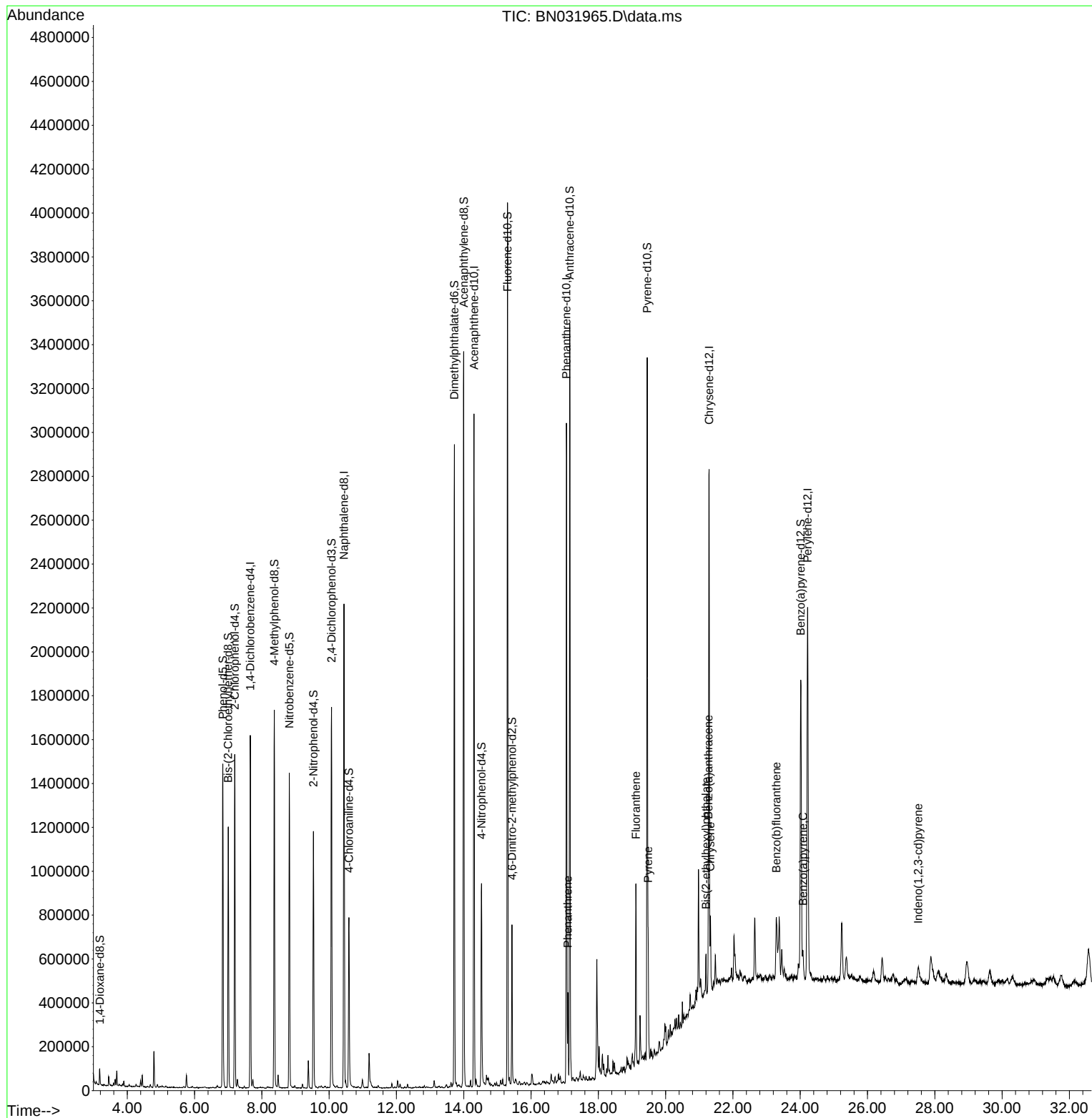
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031965.D
Acq On : 13 Jun 2024 07:06
Operator : MA/JU
Sample : P2648-06
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ALS Vial : 24 Sample Multiplier: 1

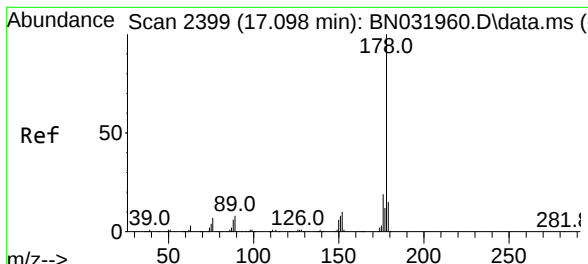
Instrument :
BNA_N
ClientSampleId :
BHBW0

Quant Time: Jun 13 07:37:50 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
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#72
 Phenanthrene
 Concen: 2.639 ng/ul
 RT: 17.092 min Scan# 23901
 Delta R.T. -0.006 min
 Lab File: BN031965.D
 Acq: 13 Jun 2024 07:06

Instrument :

BNA_N

ClientSampleId :

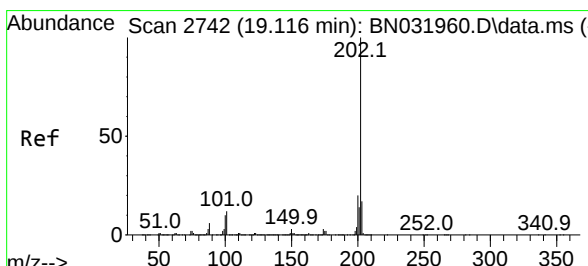
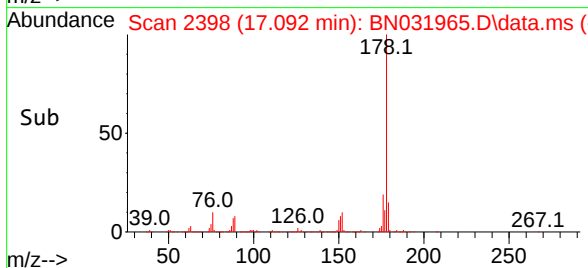
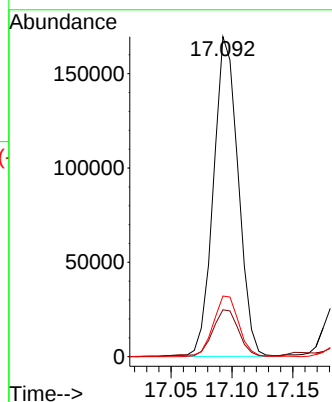
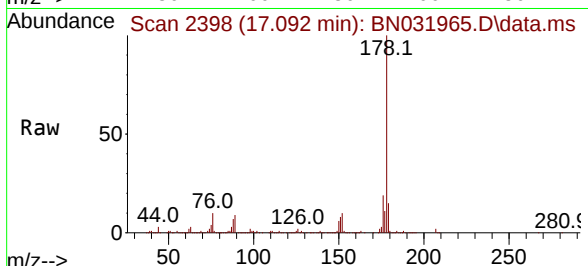
BHBW0

Tgt Ion:178 Resp: 23901
 Ion Ratio Lower Upper
 178 100
 179 14.6 12.6 19.0
 176 19.0 15.8 23.6

Manual Integrations

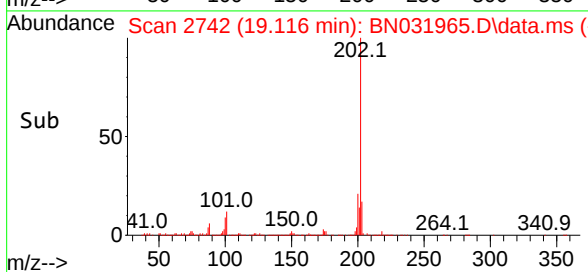
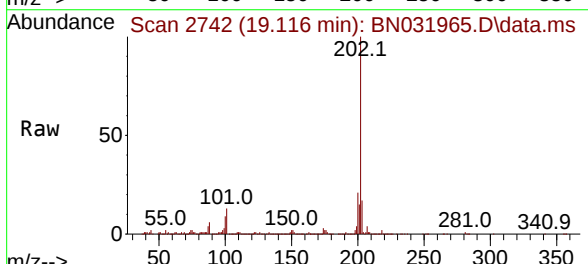
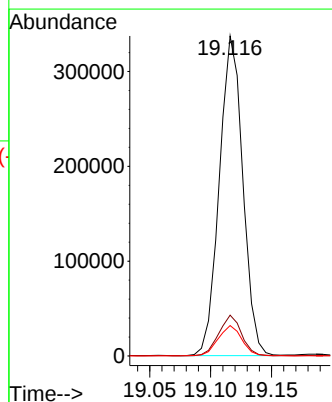
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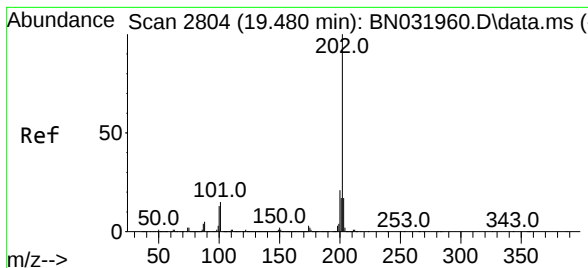
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024



#80
 Fluoranthene
 Concen: 5.884 ng/ul
 RT: 19.116 min Scan# 2742
 Delta R.T. 0.000 min
 Lab File: BN031965.D
 Acq: 13 Jun 2024 07:06

Tgt Ion:202 Resp: 452764
 Ion Ratio Lower Upper
 202 100
 101 12.8 10.3 15.5
 100 9.5 8.0 12.0





#82

Pyrene

Concen: 4.282 ng/ul

RT: 19.481 min Scan# 2108

Delta R.T. -0.006 min

Lab File: BN031965.D

Acq: 13 Jun 2024 07:06

Instrument :

BNA_N

ClientSampleId :

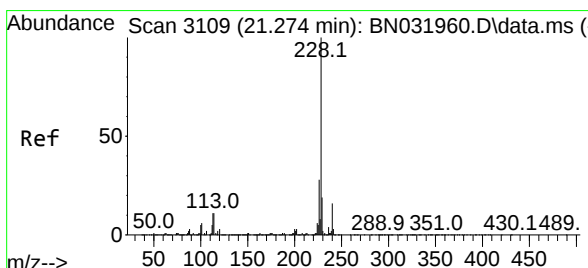
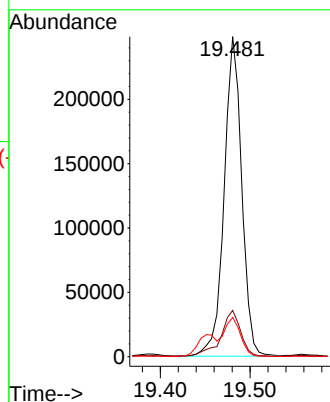
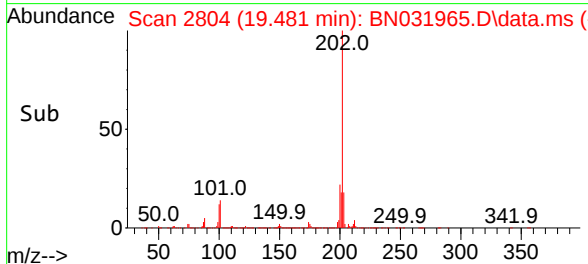
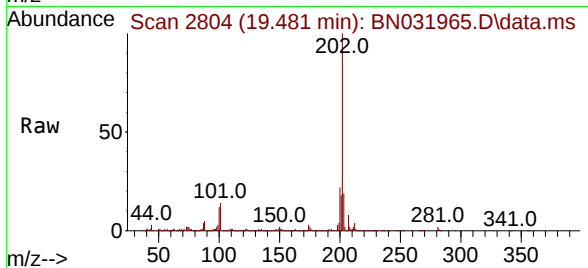
BHBW0

Tgt Ion:	202	Resp:	33806
Ion Ratio	Lower	Upper	
202	100		
101	14.4	12.6	18.8
100	12.3	10.2	15.2

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 2.376 ng/ul

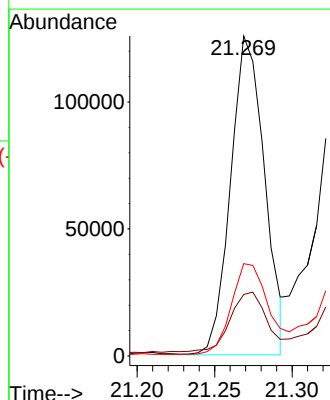
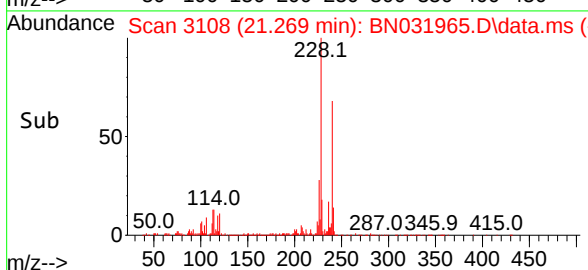
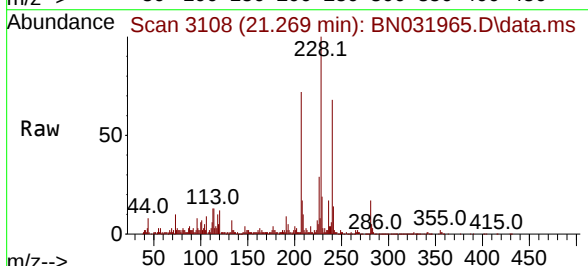
RT: 21.269 min Scan# 3108

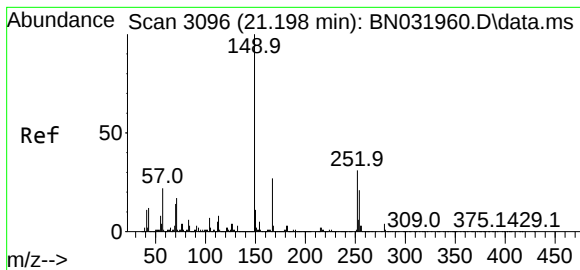
Delta R.T. -0.006 min

Lab File: BN031965.D

Acq: 13 Jun 2024 07:06

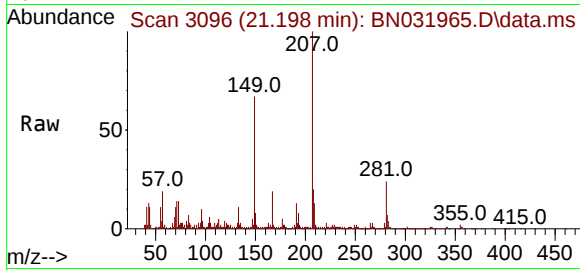
Tgt Ion:	228	Resp:	191332
Ion Ratio	Lower	Upper	
228	100		
229	19.2	16.7	25.1
226	28.9	22.8	34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.346 ng/ul
RT: 21.198 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BN031965.D
Acq: 13 Jun 2024 07:06

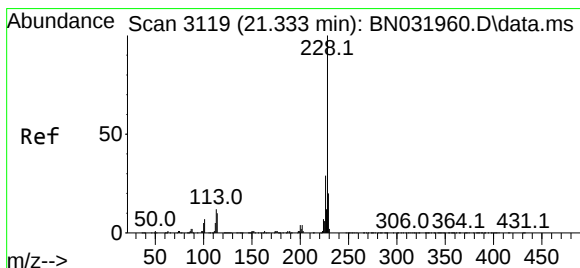
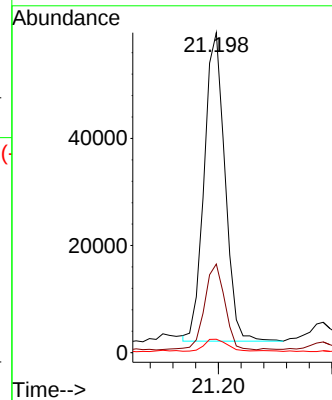
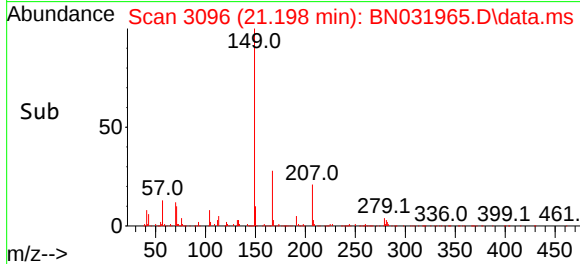
Instrument :
BNA_N
ClientSampleId :
BHBW0



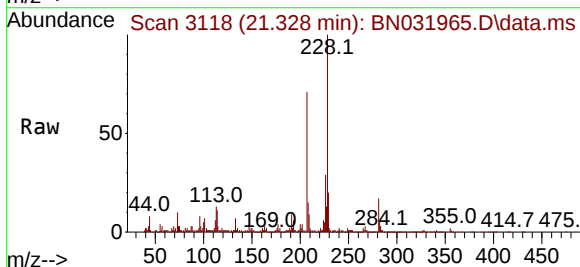
Tgt Ion:149 Resp: 73145
Ion Ratio Lower Upper
149 100
167 27.7 21.4 32.0
279 4.2 3.3 4.9

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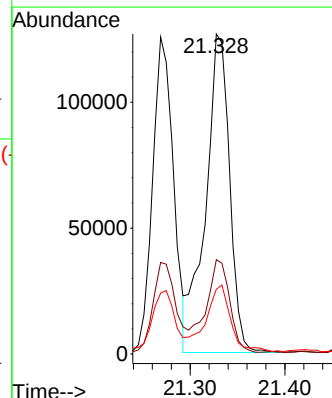
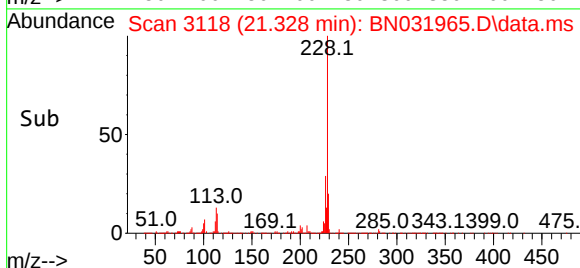
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

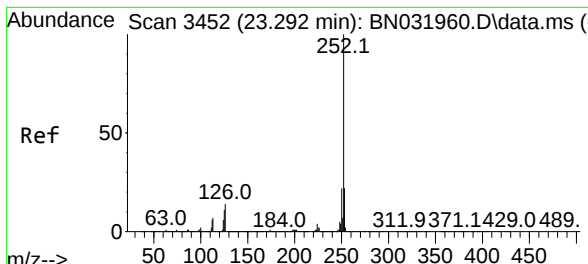


#87
Chrysene
Concen: 2.975 ng/ul
RT: 21.328 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BN031965.D
Acq: 13 Jun 2024 07:06



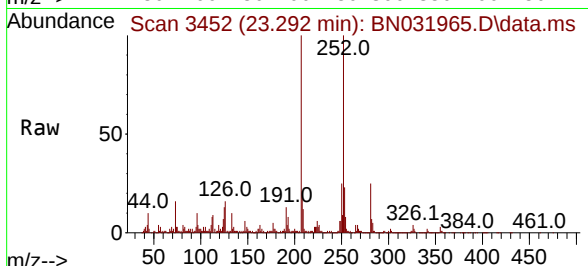
Tgt Ion:228 Resp: 223816
Ion Ratio Lower Upper
228 100
226 29.5 23.7 35.5
229 20.2 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 3.510 ng/u1
RT: 23.292 min Scan# 3452
Delta R.T. 0.000 min
Lab File: BN031965.D
Acq: 13 Jun 2024 07:06

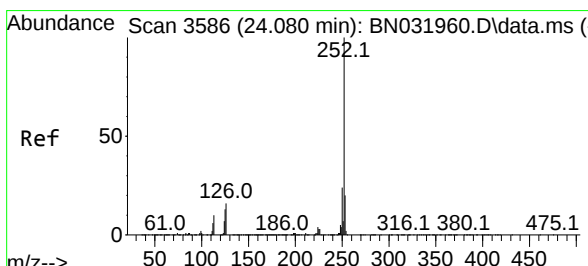
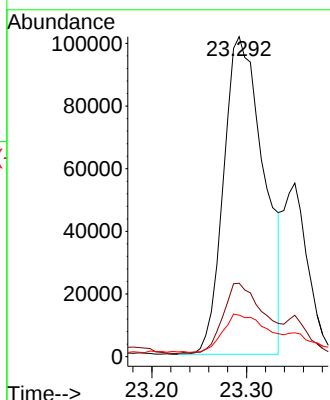
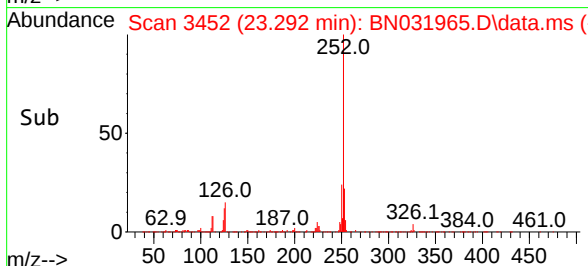
Instrument :
BNA_N
ClientSampleId :
BHBW0



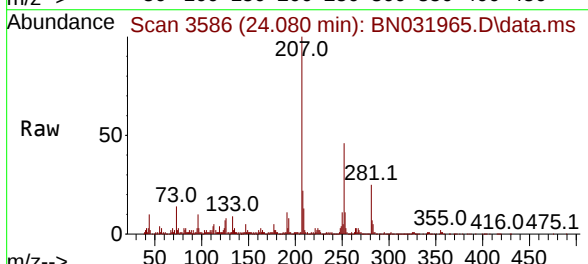
Tgt Ion:252 Resp: 30015
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 13.0 9.2 13.8

Manual Integrations
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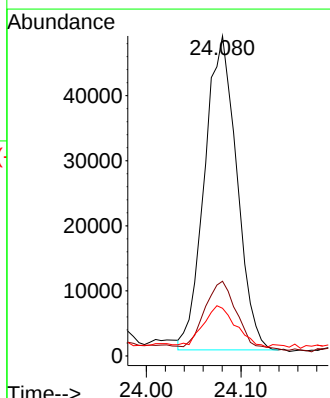
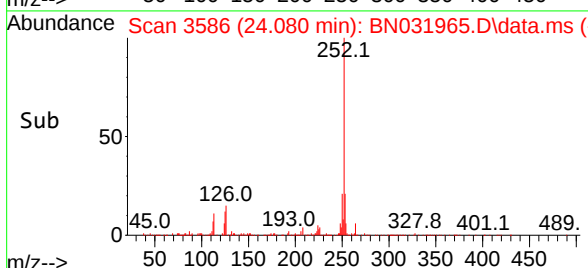
Reviewed By :Jagrut Upadhyay 06/13/2024
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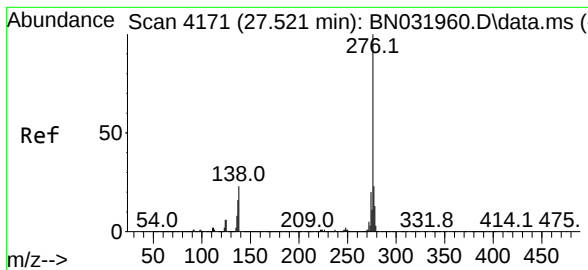


#93
Benzo(a)pyrene
Concen: 1.422 ng/u1
RT: 24.080 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BN031965.D
Acq: 13 Jun 2024 07:06



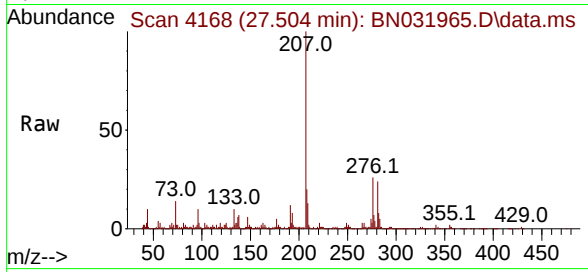
Tgt Ion:252 Resp: 113903
Ion Ratio Lower Upper
252 100
253 23.3 16.6 24.8
125 14.9 9.8 14.8#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.194 ng/ul
 RT: 27.504 min Scan# 41
 Delta R.T. -0.011 min
 Lab File: BN031965.D
 Acq: 13 Jun 2024 07:06

Instrument :
 BNA_N
 ClientSampleId :
 BHBW0



Tgt Ion:276 Resp: 110220
 Ion Ratio Lower Upper
 276 100
 138 25.8 18.1 27.1
 277 26.2 18.2 27.2

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