

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
 Data File : BN031999.D
 Acq On : 14 Jun 2024 13:52
 Operator : MA/JU
 Sample : P2695-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BK5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024

Quant Time: Jun 14 23:14:14 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	7.652	152	290677	20.000	ng/u1	0.00
20) Naphthalene-d8	10.434	136	1218998	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	745927	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1430476	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1243833	20.000	ng/u1	0.00
88) Perylene-d12	24.216	264	1497142	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	27851	3.964	ng/uL	0.00
4) Pyridine-d5	3.593	84	52847	2.672	ng/u1	0.01
7) Phenol-d5	6.834	99	585983	23.515	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	344051	23.604	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	493332	25.946	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	459915	22.641	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	246158	26.410	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	263972	27.417	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	447843	24.916	ng/u1	0.00
31) 4-Chloroaniline-d4	10.581	131	507268	19.008	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1396280	26.869	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	1580514	26.451	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	224344	21.562	ng/u1	0.00
60) Fluorene-d10	15.298	176	1155347	26.276	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	166058	23.095	ng/u1	0.00
73) Anthracene-d10	17.151	188	1682603	27.475	ng/u1	0.00
81) Pyrene-d10	19.451	212	1730994	26.006	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1347169	18.844	ng/u1	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.092	178	518924	7.121	ng/u1	99
74) Anthracene	17.181	178	143467	1.943	ng/u1	100
80) Fluoranthene	19.116	202	1165225	14.648	ng/u1	99
82) Pyrene	19.481	202	849027	10.403	ng/u1	97
85) Benzo(a)anthracene	21.269	228	597637	7.178	ng/u1	97
87) Chrysene	21.327	228	498009	6.404	ng/u1	97
90) Benzo(b)fluoranthene	23.292	252	542696	6.064	ng/u1	96
91) Benzo(k)fluoranthene	23.351	252	237863m	2.709	ng/u1	
93) Benzo(a)pyrene	24.080	252	242073	2.888	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.504	276	183473	1.900	ng/u1	94

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

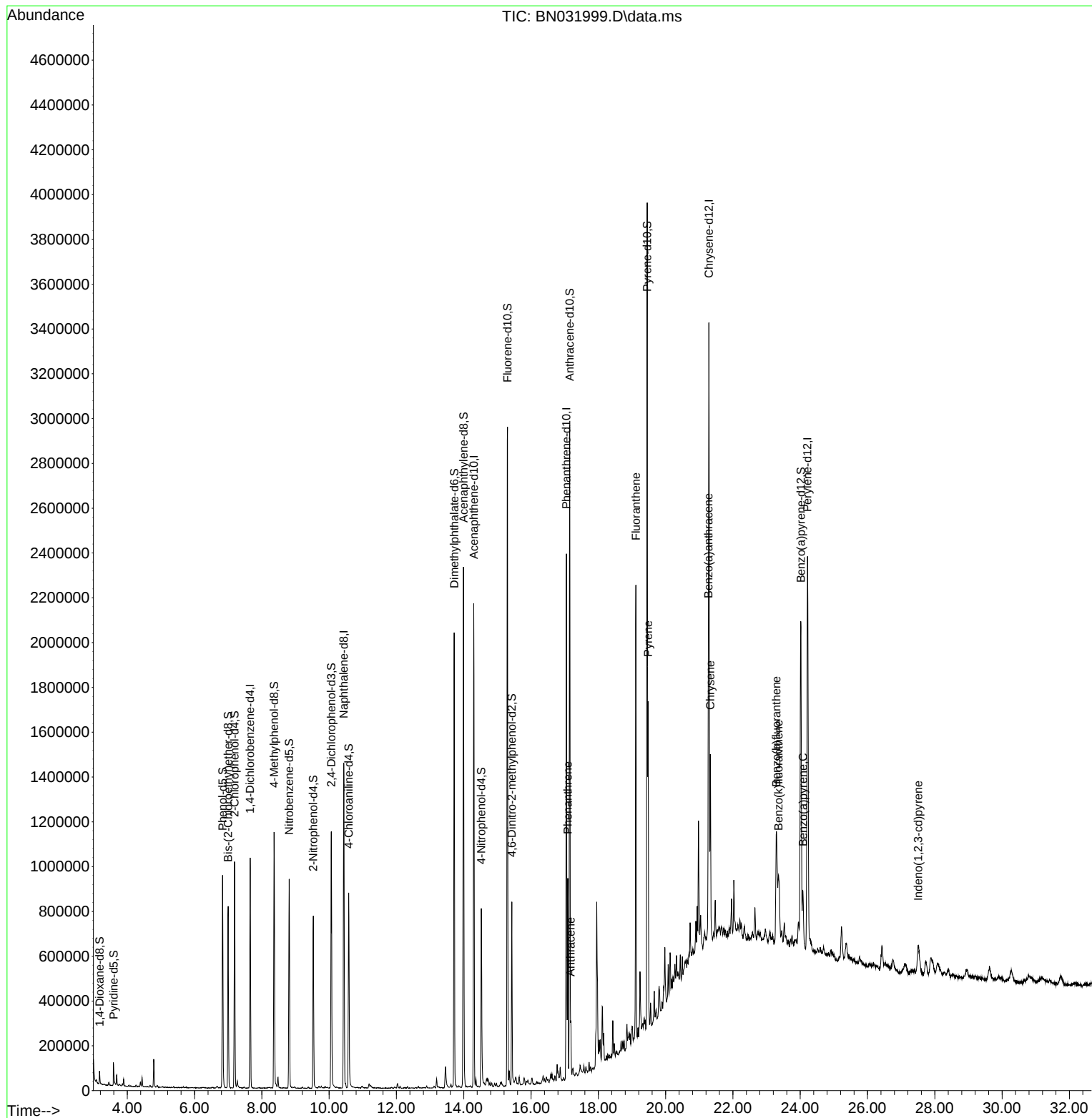
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
Data File : BN031999.D
Acq On : 14 Jun 2024 13:52
Operator : MA/JU
Sample : P2695-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

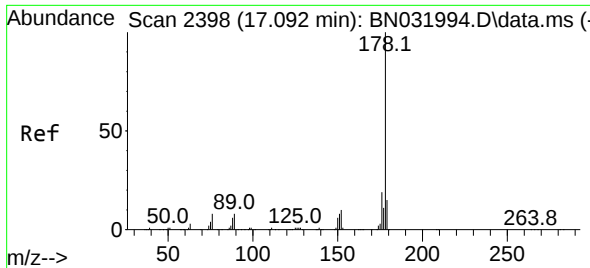
Instrument :
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Supervised By :mohammad ahmed 06/18/2024

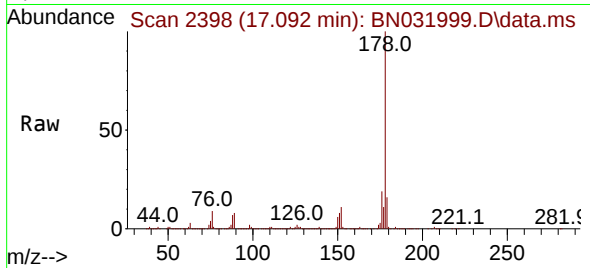
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 7.121 ng/ul
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031999.D
Acq: 14 Jun 2024 13:52

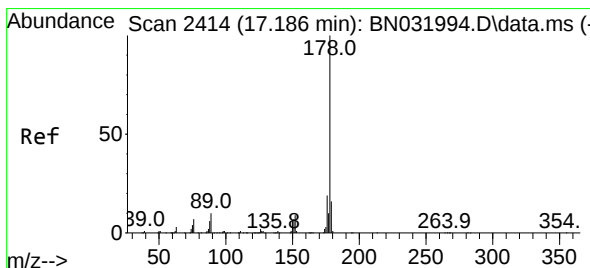
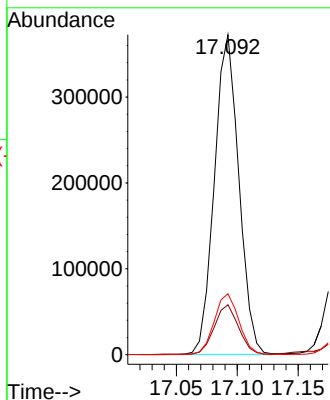
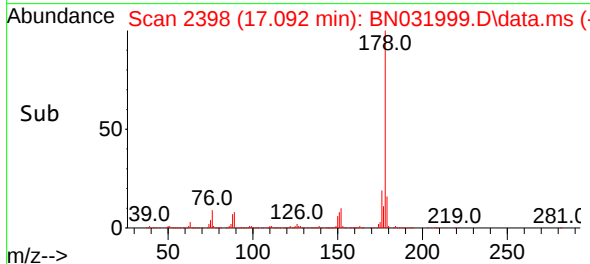
Instrument :
BNA_N
ClientSampleId :
A4BK5



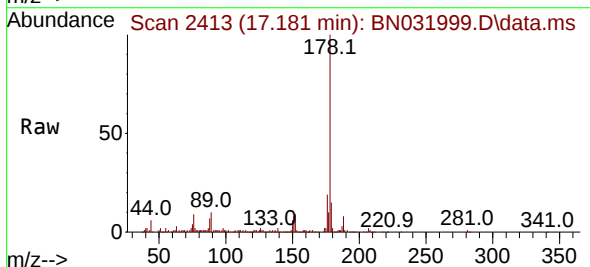
Tgt Ion:178 Resp: 518924
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.1 15.8 23.6

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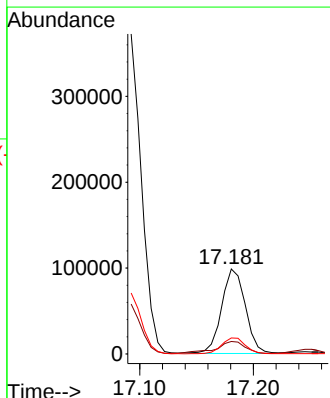
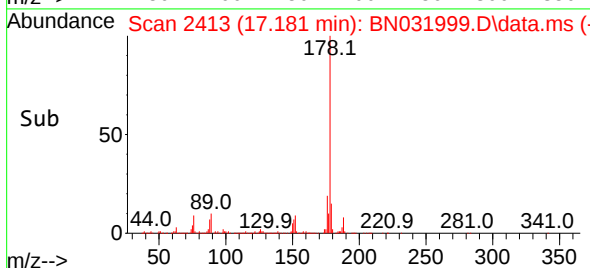
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024

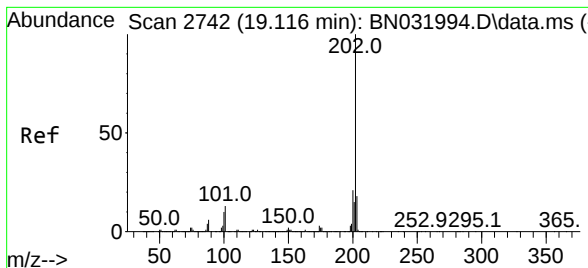


#74
Anthracene
Concen: 1.943 ng/ul
RT: 17.181 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BN031999.D
Acq: 14 Jun 2024 13:52



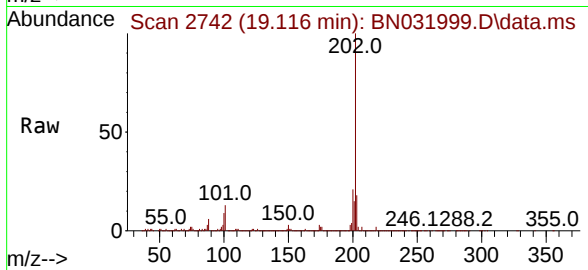
Tgt Ion:178 Resp: 143467
Ion Ratio Lower Upper
178 100
179 14.7 11.8 17.6
176 18.8 14.8 22.2





#80
Fluoranthene
Concen: 14.648 ng/u1
RT: 19.116 min Scan# 2742
Delta R.T. 0.000 min
Lab File: BN031999.D
Acq: 14 Jun 2024 13:52

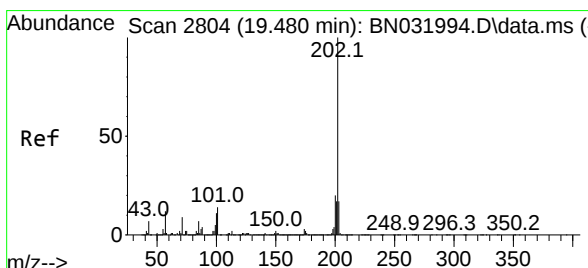
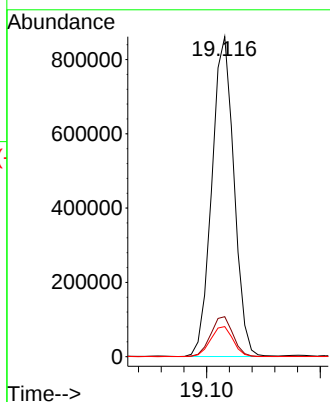
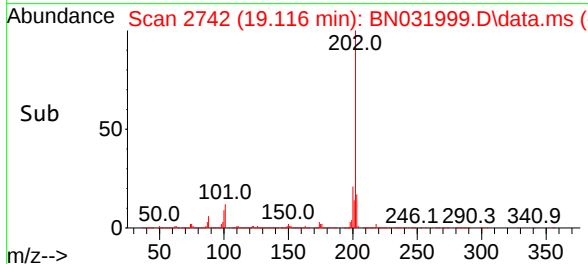
Instrument :
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ClientSampleId :
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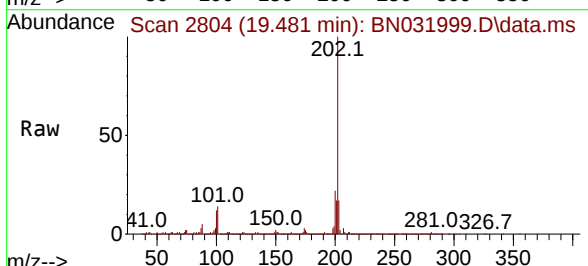
Tgt Ion:202 Resp: 1165225
Ion Ratio Lower Upper
202 100
101 12.5 10.3 15.5
100 9.4 8.0 12.0

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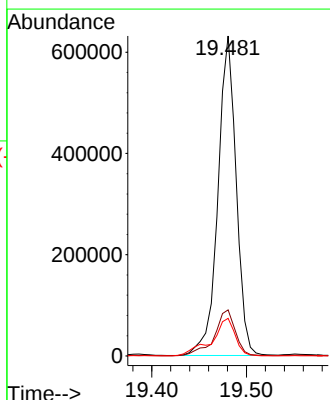
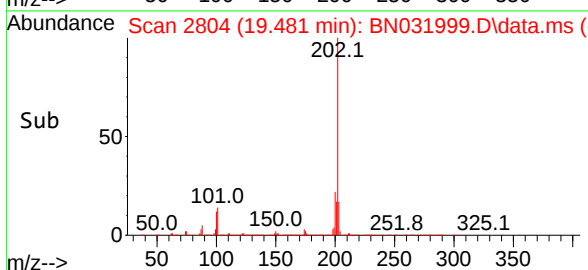
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024

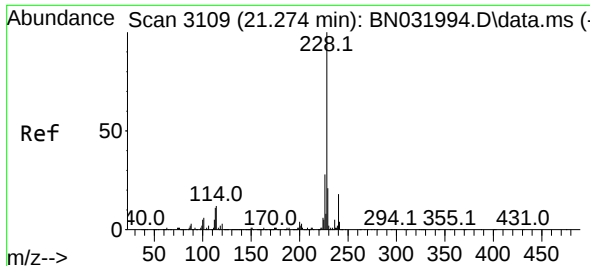


#82
Pyrene
Concen: 10.403 ng/u1
RT: 19.481 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BN031999.D
Acq: 14 Jun 2024 13:52



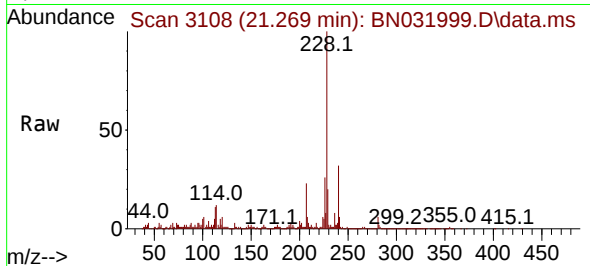
Tgt Ion:202 Resp: 849027
Ion Ratio Lower Upper
202 100
101 14.4 12.6 18.8
100 11.8 10.2 15.2





#85
Benzo(a)anthracene
Concen: 7.178 ng/ul
RT: 21.269 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BN031999.D
Acq: 14 Jun 2024 13:52

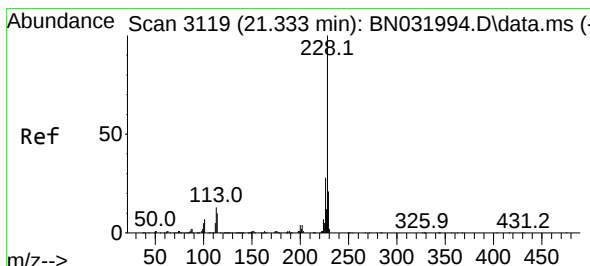
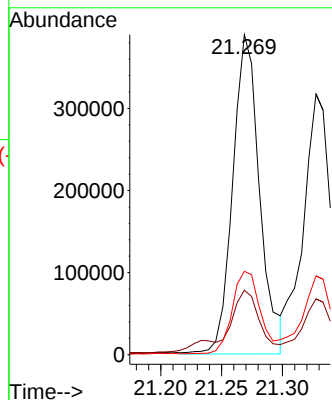
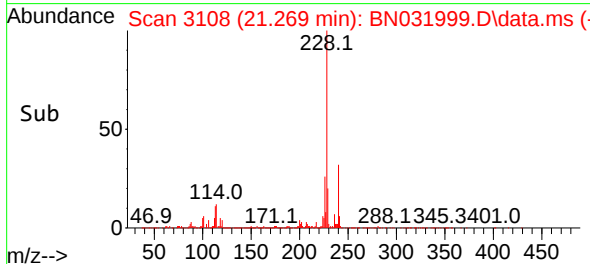
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 59763
Ion Ratio Lower Upper
228 100
229 20.2 16.7 25.1
226 26.1 22.8 34.2

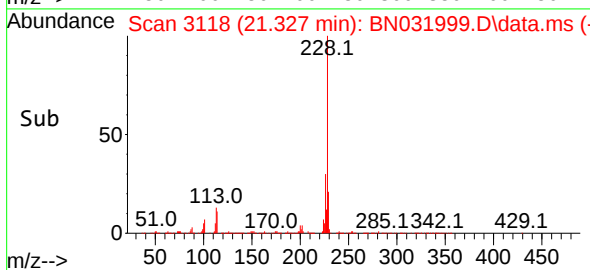
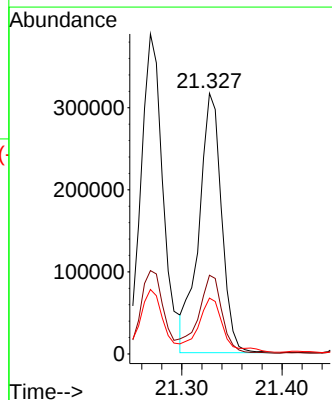
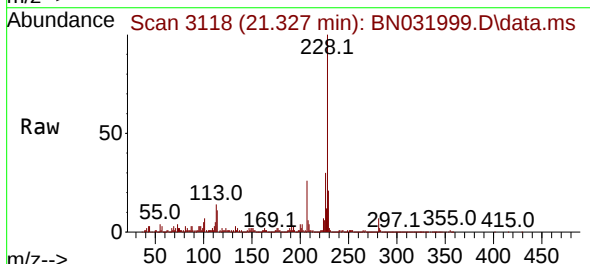
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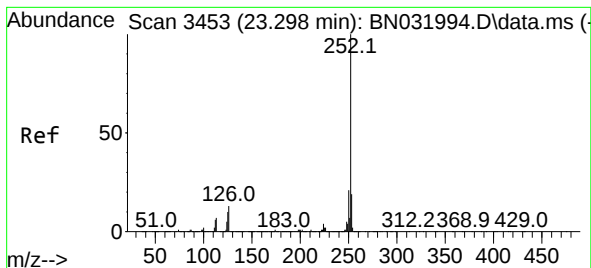
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#87
Chrysene
Concen: 6.404 ng/ul
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BN031999.D
Acq: 14 Jun 2024 13:52

Tgt Ion:228 Resp: 498009
Ion Ratio Lower Upper
228 100
226 30.2 23.7 35.5
229 21.4 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 6.064 ng/ul

RT: 23.292 min Scan# 3453

Delta R.T. 0.000 min

Lab File: BN031999.D

Acq: 14 Jun 2024 13:52

Instrument :

BNA_N

ClientSampleId :

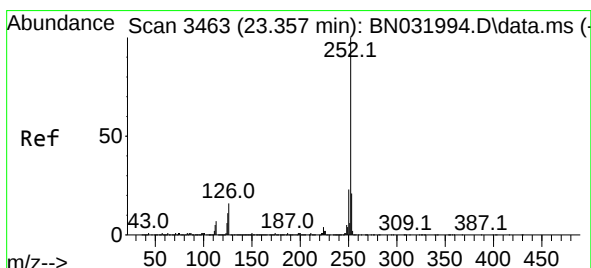
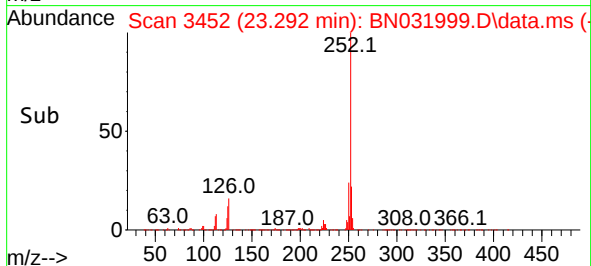
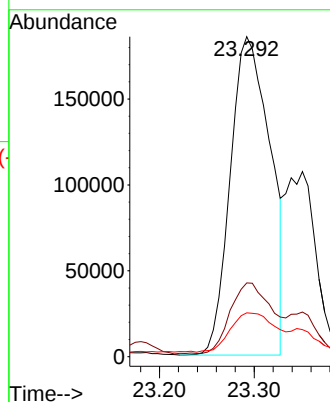
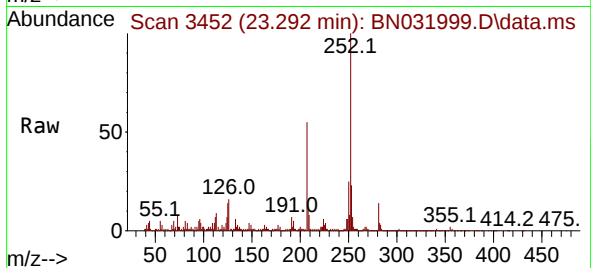
A4BK5

Tgt Ion:252 Resp: 542690
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.0 25.6
 125 13.7 9.2 13.8

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#91

Benzo(k)fluoranthene

Concen: 2.709 ng/ul m

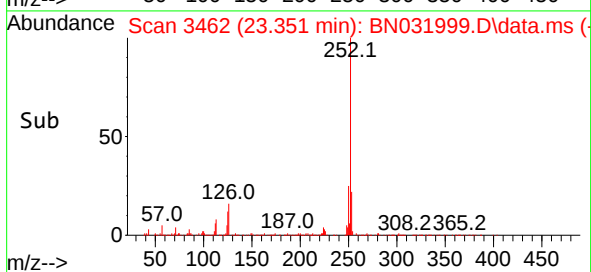
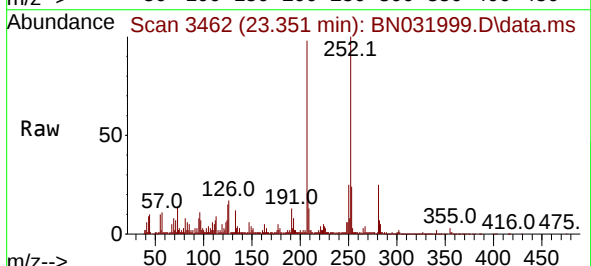
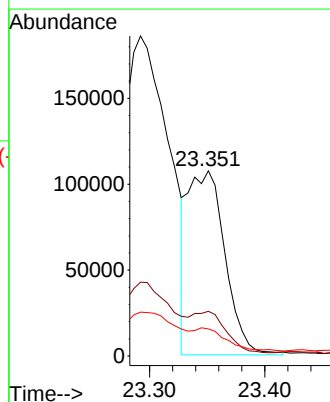
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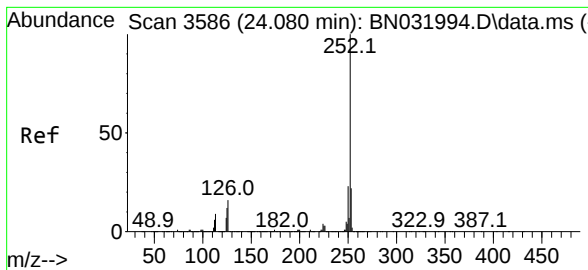
Delta R.T. 0.000 min

Lab File: BN031999.D

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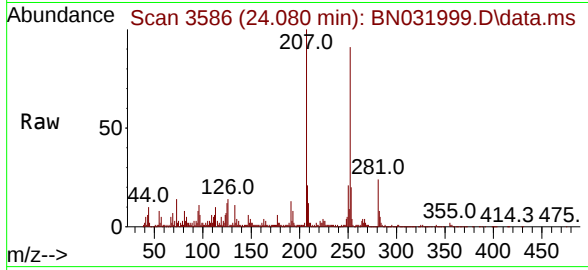
Tgt Ion:252 Resp: 237863
 Ion Ratio Lower Upper
 252 100
 253 24.1 17.6 26.4
 125 14.6 9.4 14.2#





#93
Benzo(a)pyrene
Concen: 2.888 ng/u1
RT: 24.080 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN031999.D
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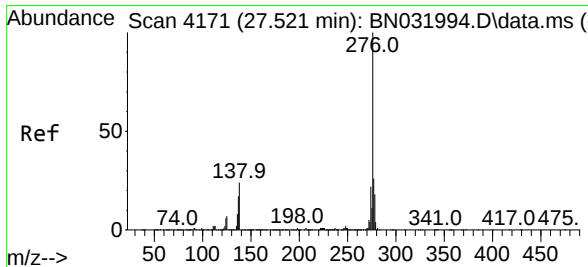
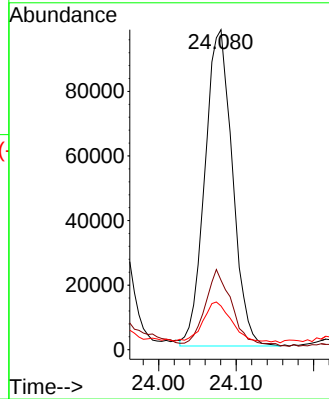
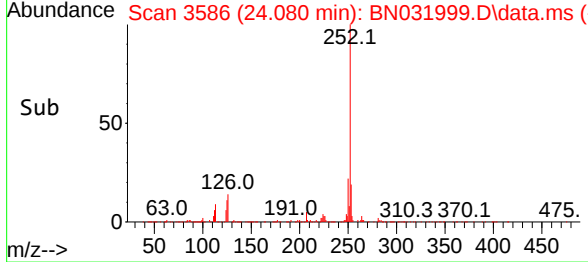
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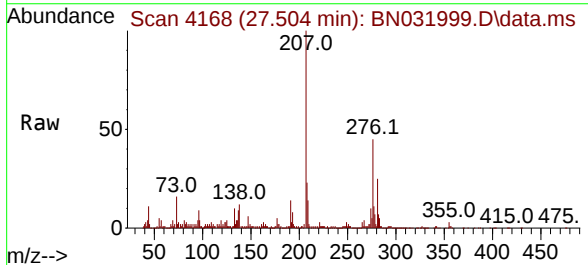
Tgt Ion:252 Resp: 24207
Ion Ratio Lower Upper
252 100
253 21.7 16.6 24.8
125 13.6 9.8 14.8

Manual Integrations
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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.900 ng/u1
RT: 27.504 min Scan# 4168
Delta R.T. -0.012 min
Lab File: BN031999.D
Acq: 14 Jun 2024 13:52



Tgt Ion:276 Resp: 183473
Ion Ratio Lower Upper
276 100
138 25.9 18.1 27.1
277 25.3 18.2 27.2

