

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035043.D
 Acq On : 12 Nov 2024 19:25
 Operator : RC/JU
 Sample : P4668-07
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 12 21:56:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 09 00:09:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.562	152	3274	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.323	136	7980	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.194	164	5477	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.941	188	12117m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.140	240	11520	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264	11803m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	13511	4.337	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.917	152	4169	0.341	ng/ul	-0.02
18) Fluoranthene-d10	18.977	212	12175	0.412	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.372	128	717	0.036	ng/ul#	79
7) 2-Methylnaphthalene	11.994	142	447	0.030	ng/ul	99
8) 1-Methylnaphthalene	12.214	142	326	0.022	ng/ul	97
11) Acenaphthene	14.259	153	640	0.038	ng/ul	97
12) Fluorene	15.249	166	929	0.043	ng/ul#	98
15) Phenanthrene	16.983	178	2698	0.083	ng/ul	97
16) Anthracene	17.076	178	691	0.023	ng/ul#	73
19) Fluoranthene	19.005	202	849	0.022	ng/ul#	71

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

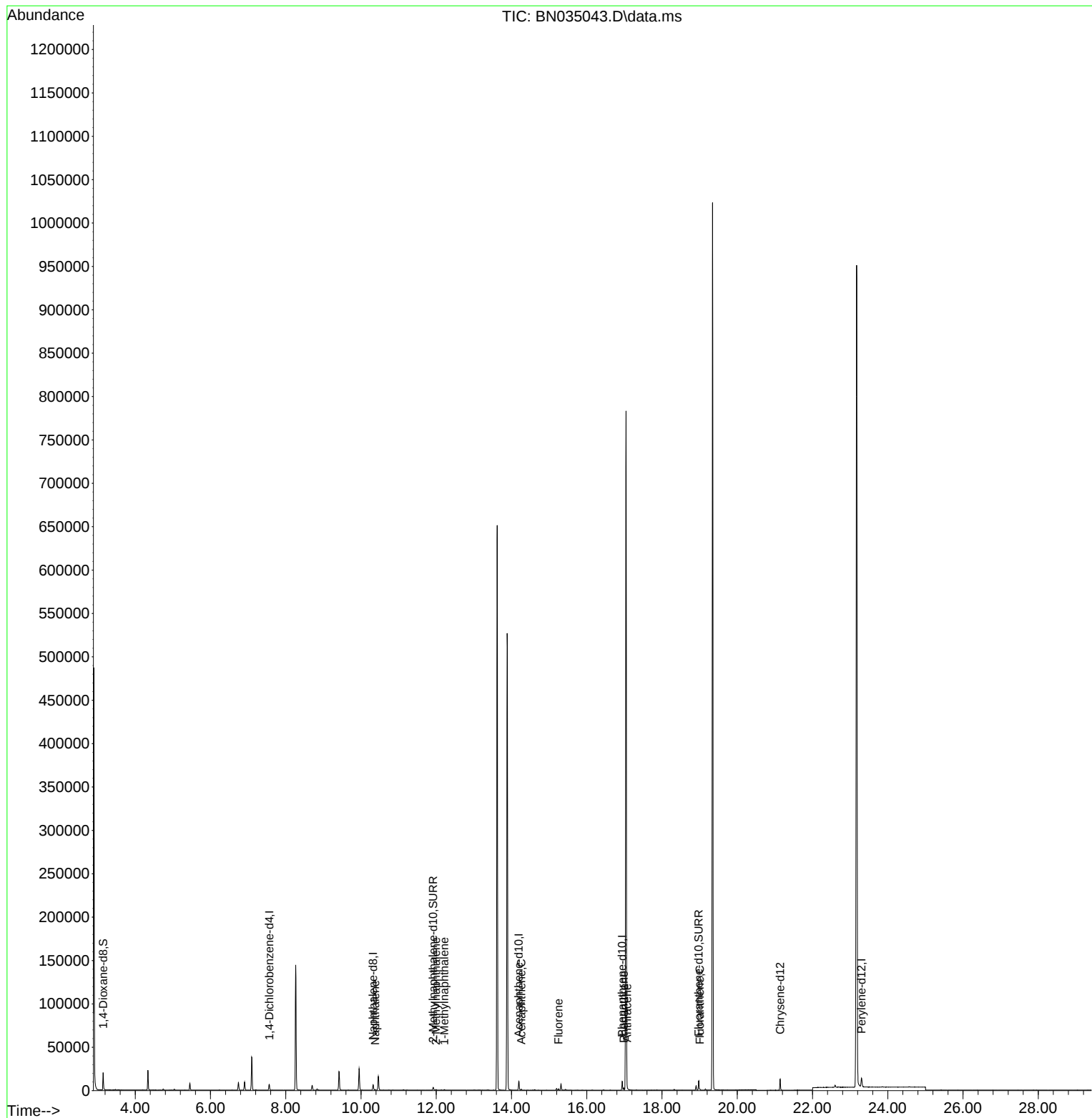
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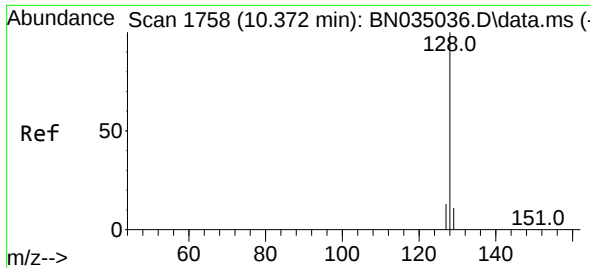
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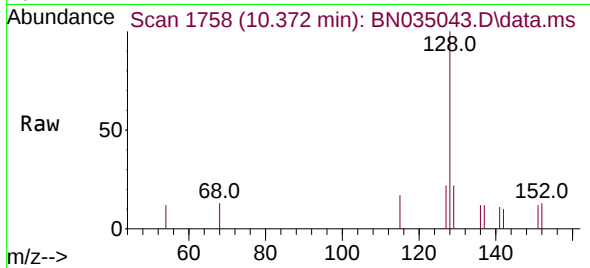
Quant Time: Nov 12 21:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
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QLast Update : Sat Nov 09 00:09:12 2024
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#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.372 min Scan# 1758
Delta R.T. -0.016 min
Lab File: BN035043.D
Acq: 12 Nov 2024 19:25

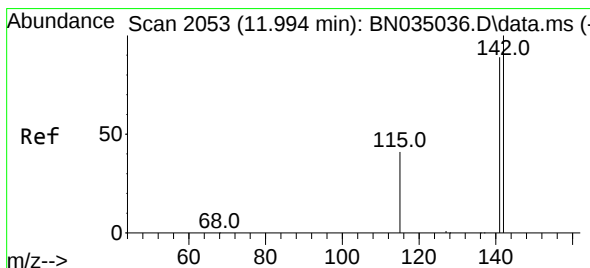
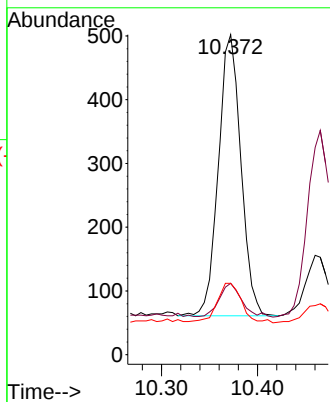
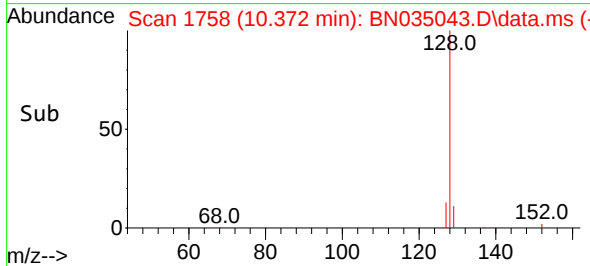
Instrument :
BNA_N
ClientSampleId :
C0AE4



Tgt Ion:128 Resp: 711
Ion Ratio Lower Upper
128 100
129 22.3 10.1 15.1
127 22.3 12.1 18.1

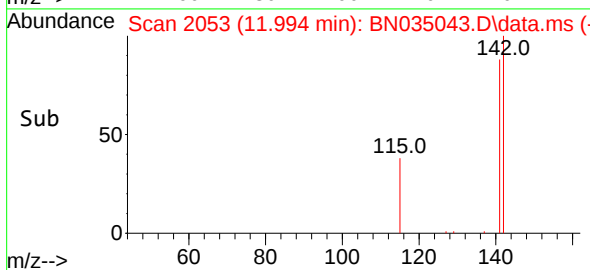
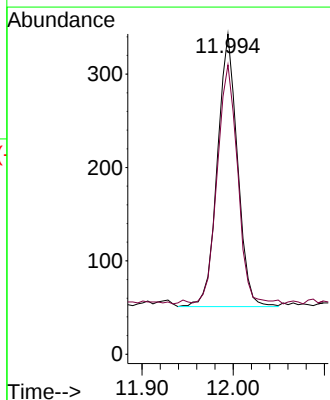
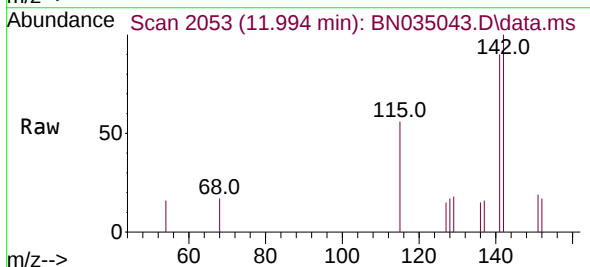
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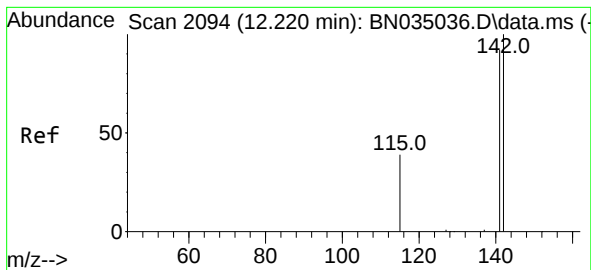
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 11.994 min Scan# 2053
Delta R.T. -0.016 min
Lab File: BN035043.D
Acq: 12 Nov 2024 19:25

Tgt Ion:142 Resp: 447
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2





#8

1-Methylnaphthalene

Concen: 0.022 ng/u1

RT: 12.214 min Scan# 2093

Delta R.T. -0.016 min

Lab File: BN035043.D

Acq: 12 Nov 2024 19:25

Instrument :

BNA_N

ClientSampleId :

C0AE4

Tgt Ion:142 Resp: 320

Ion Ratio Lower Upper

142 100

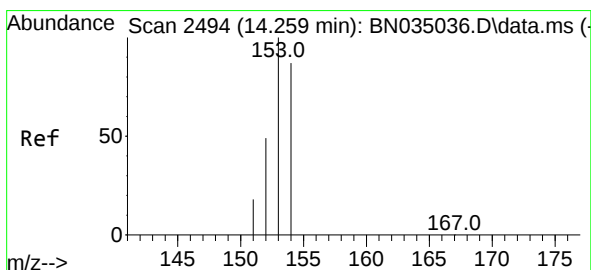
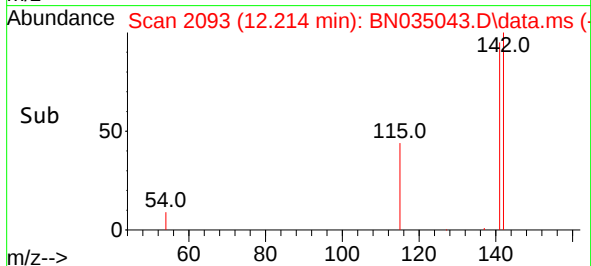
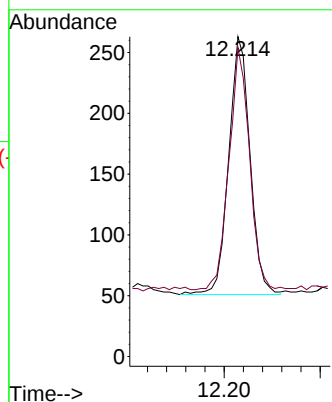
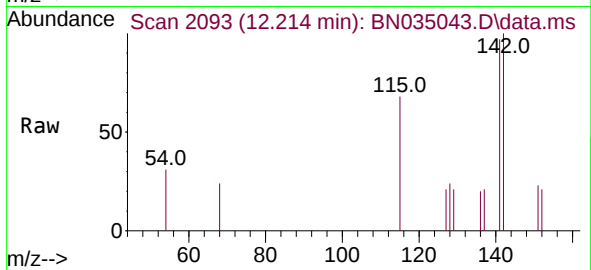
141 90.5 74.6 111.8

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#11

Acenaphthene

Concen: 0.038 ng/u1

RT: 14.259 min Scan# 2494

Delta R.T. -0.014 min

Lab File: BN035043.D

Acq: 12 Nov 2024 19:25

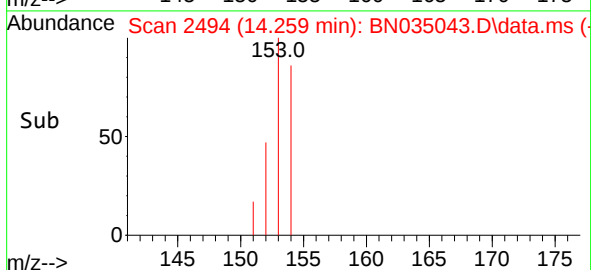
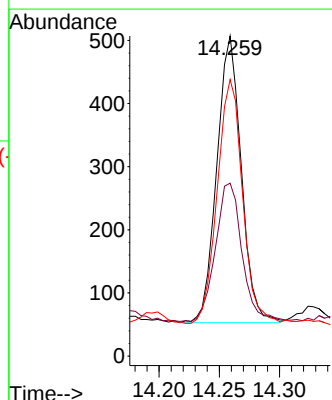
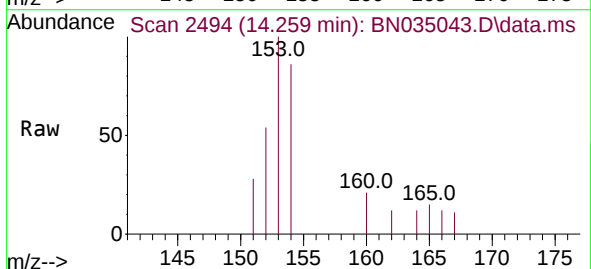
Tgt Ion:153 Resp: 640

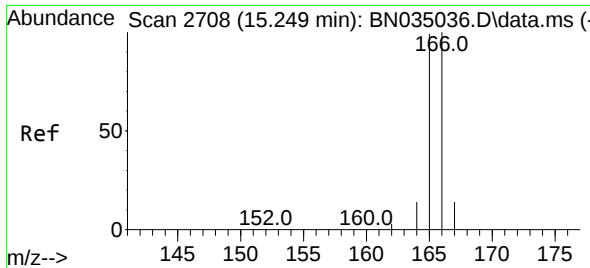
Ion Ratio Lower Upper

153 100

152 54.0 41.5 62.3

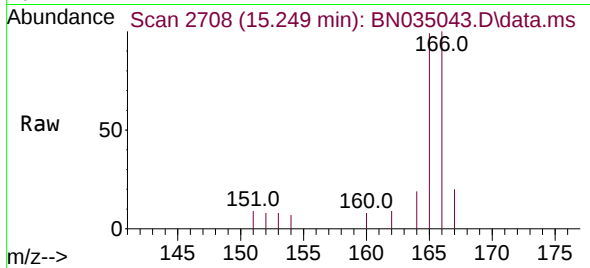
154 86.4 70.9 106.3





#12
Fluorene
Concen: 0.043 ng/u1
RT: 15.249 min Scan# 2708
Delta R.T. -0.014 min
Lab File: BN035043.D
Acq: 12 Nov 2024 19:25

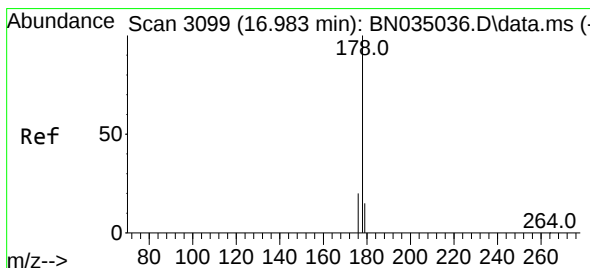
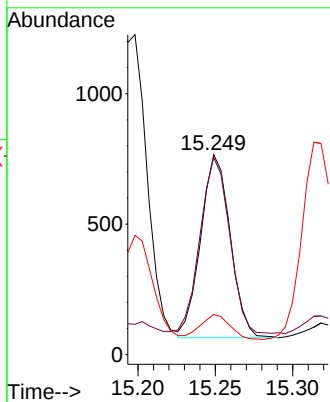
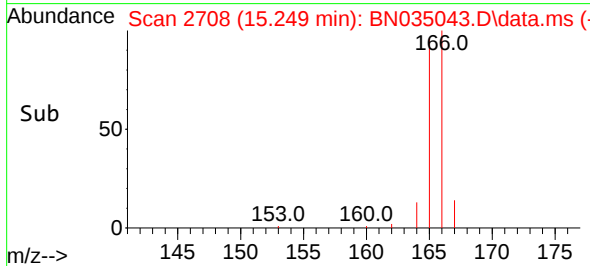
Instrument :
BNA_N
ClientSampleId :
C0AE4



Tgt Ion:166 Resp: 929
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.4
167 20.1 11.8 17.6

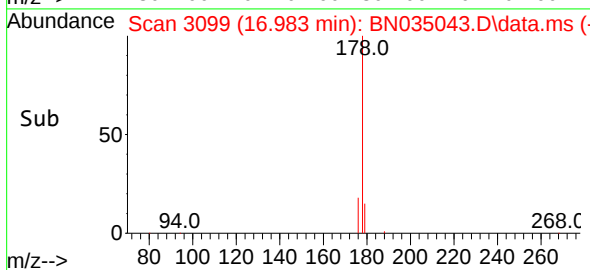
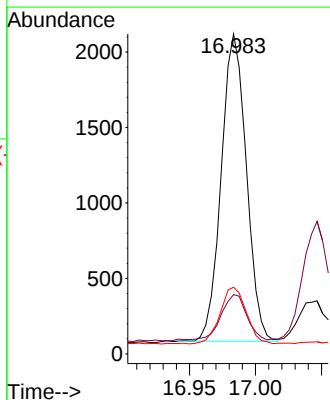
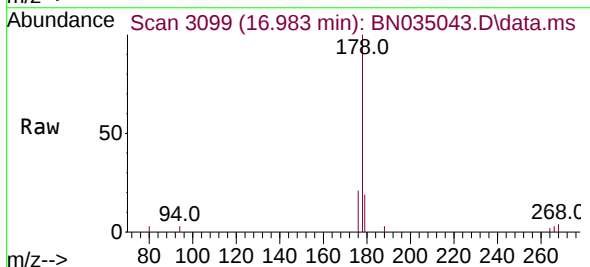
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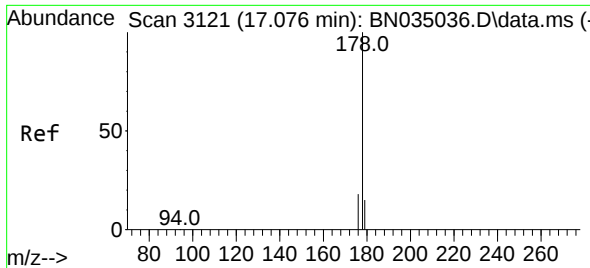
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#15
Phenanthrene
Concen: 0.083 ng/u1
RT: 16.983 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BN035043.D
Acq: 12 Nov 2024 19:25

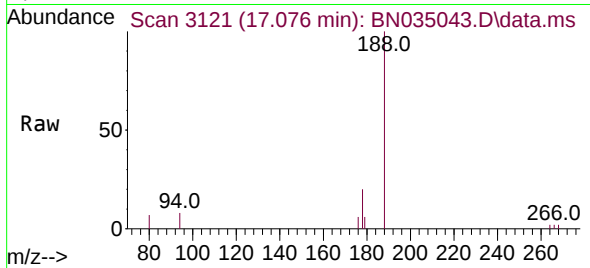
Tgt Ion:178 Resp: 2698
Ion Ratio Lower Upper
178 100
179 18.5 13.4 20.2
176 20.8 15.8 23.6





#16
 Anthracene
 Concen: 0.023 ng/ul
 RT: 17.076 min Scan# 3121
 Delta R.T. -0.008 min
 Lab File: BN035043.D
 Acq: 12 Nov 2024 19:25

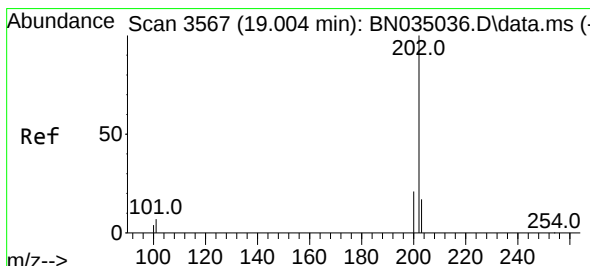
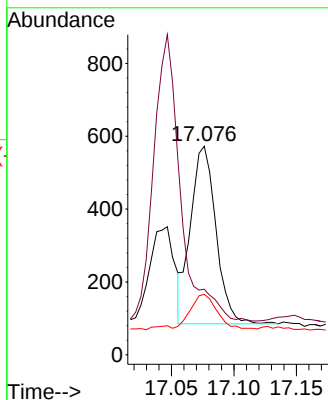
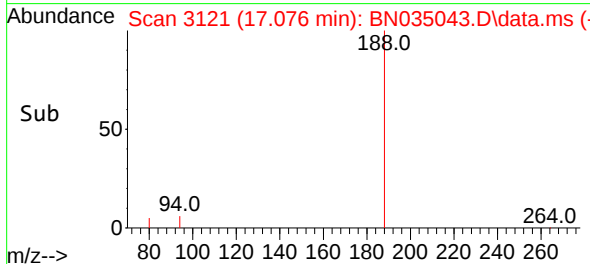
Instrument :
 BNA_N
 ClientSampleId :
 C0AE4



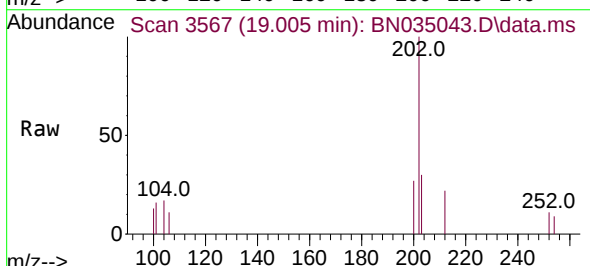
Tgt Ion:178 Resp: 691
 Ion Ratio Lower Upper
 178 100
 179 31.4 13.3 19.9#
 176 29.0 15.8 23.8#

Manual Integrations
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 Supervised By :mohammad ahmed 11/14/2024



#19
 Fluoranthene
 Concen: 0.022 ng/ul
 RT: 19.005 min Scan# 3567
 Delta R.T. -0.014 min
 Lab File: BN035043.D
 Acq: 12 Nov 2024 19:25



Tgt Ion:202 Resp: 849
 Ion Ratio Lower Upper
 202 100
 101 15.8 4.2 6.2#
 100 12.5 3.2 4.8#

