

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111924\
 Data File : BN035191.D
 Acq On : 20 Nov 2024 10:17
 Operator : RC/JU
 Sample : P4847-04DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A0AT5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/21/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 20 10:52:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 18 00:44:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.541	152	3805	0.400	ng/ul	0.00
4) Naphthalene-d8	10.300	136	9618	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.185	164	6805	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	13835	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	9896	0.400	ng/ul	0.00
23) Perylene-d12	23.320	264	9986m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.136	96	3534	1.016	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.901	152	1133	0.080	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212	2545	0.093	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.350	128	2239	0.092	ng/ul#	86
7) 2-Methylnaphthalene	11.978	142	4841	0.288	ng/ul	99
8) 1-Methylnaphthalene	12.198	142	7891	0.465	ng/ul	100
11) Acenaphthene	14.245	153	3440	0.167	ng/ul	98
12) Fluorene	15.239	166	3267	0.135	ng/ul	99
15) Phenanthrene	16.979	178	5972	0.163	ng/ul	97
16) Anthracene	17.068	178	1285	0.038	ng/ul#	80
19) Fluoranthene	19.004	202	2003	0.058	ng/ul#	90
20) Pyrene	19.372	202	1403m	0.039	ng/ul	

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

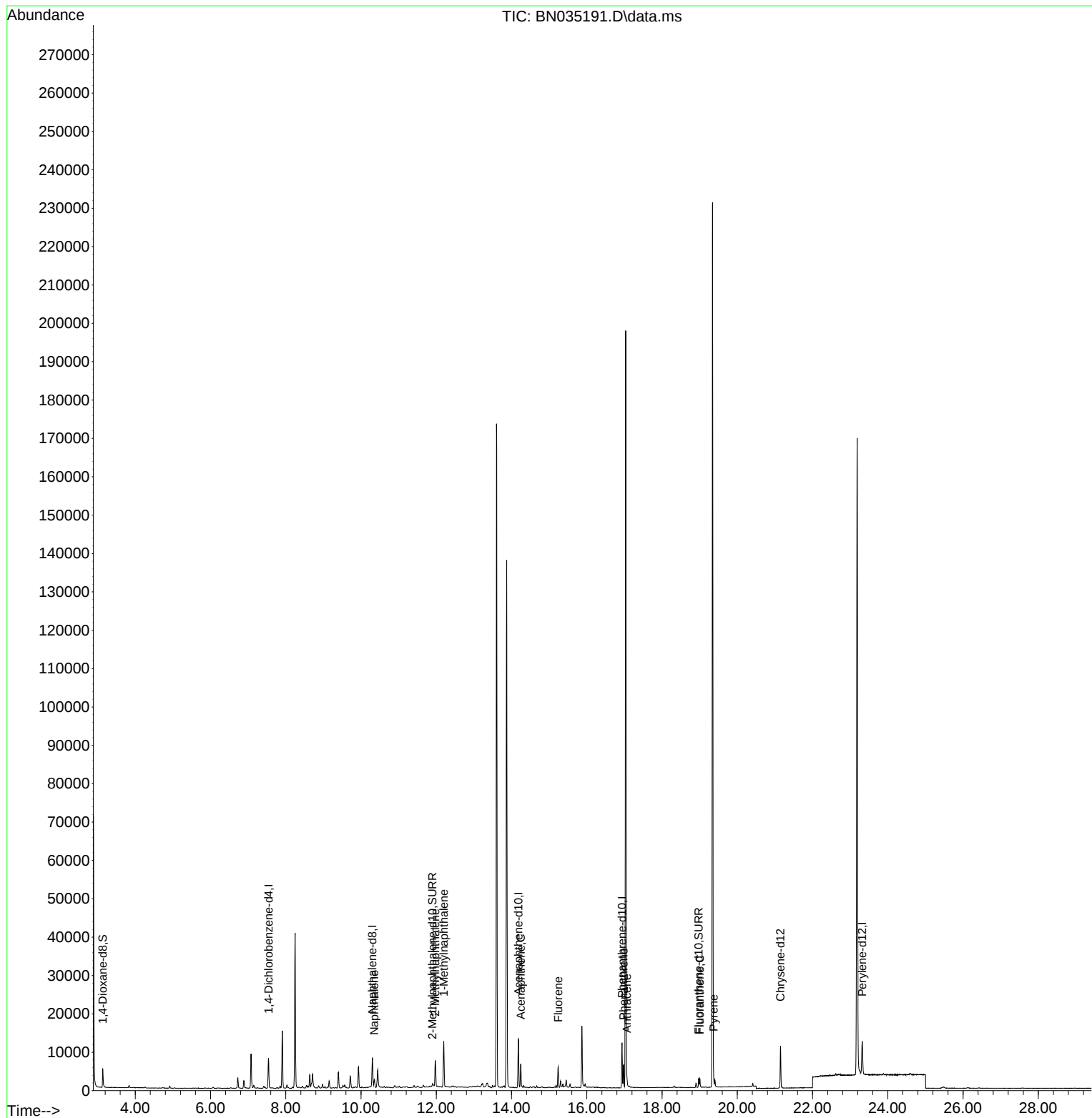
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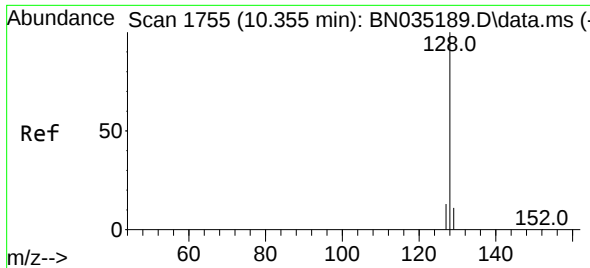
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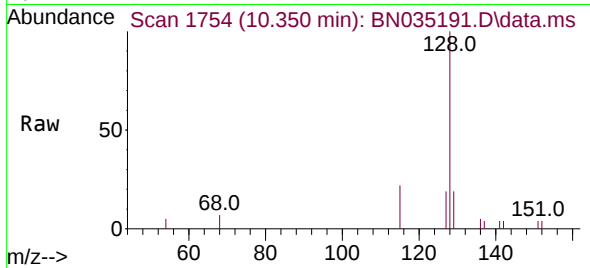
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Supervised By :mohammad ahmed 11/22/2024





#5
Naphthalene
Concen: 0.092 ng/ul
RT: 10.350 min Scan# 1754
Delta R.T. -0.011 min
Lab File: BN035191.D
Acq: 20 Nov 2024 10:17

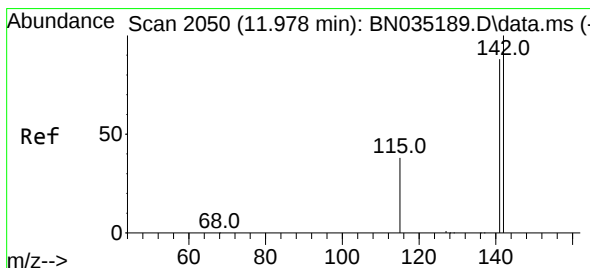
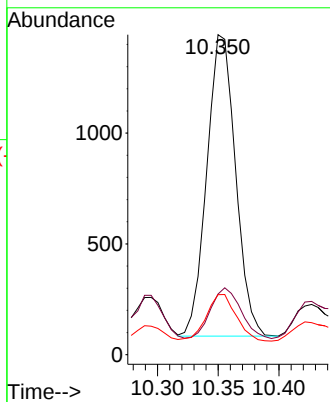
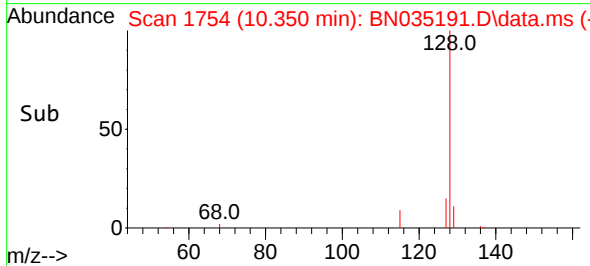
Instrument :
BNA_N
ClientSampleId :
A0AT5DL



Tgt Ion:128 Resp: 2239
Ion Ratio Lower Upper
128 100
129 19.0 9.9 14.9
127 18.8 11.4 17.2

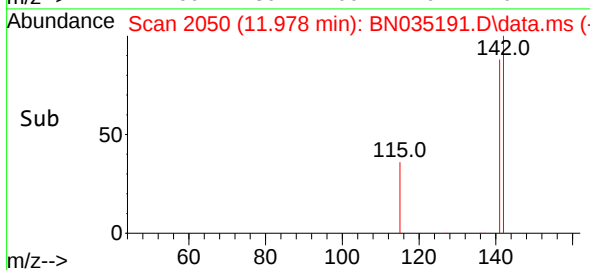
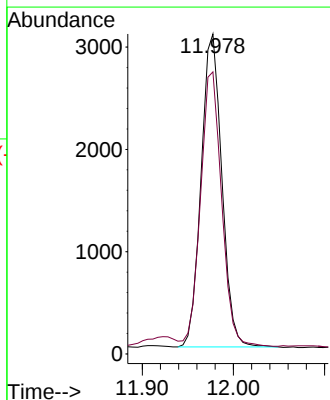
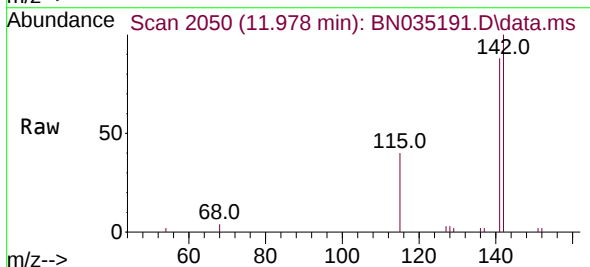
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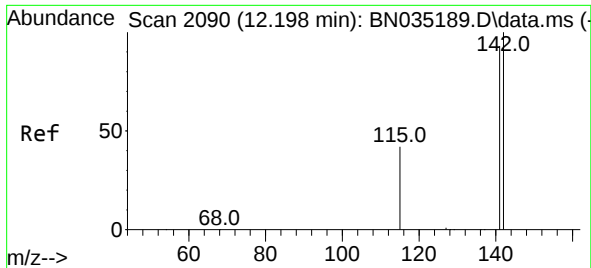
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#7
2-Methylnaphthalene
Concen: 0.288 ng/ul
RT: 11.978 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BN035191.D
Acq: 20 Nov 2024 10:17

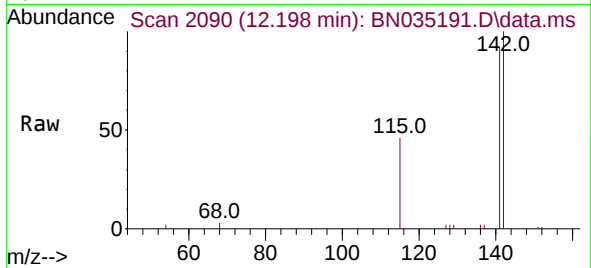
Tgt Ion:142 Resp: 4841
Ion Ratio Lower Upper
142 100
141 89.2 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.465 ng/ul
RT: 12.198 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BN035191.D
Acq: 20 Nov 2024 10:17

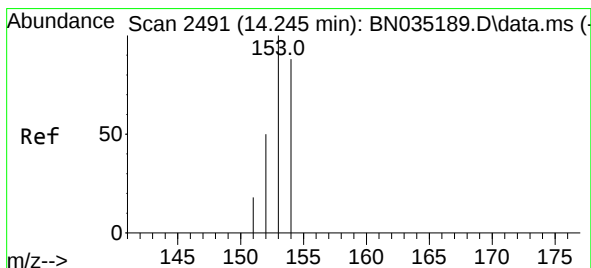
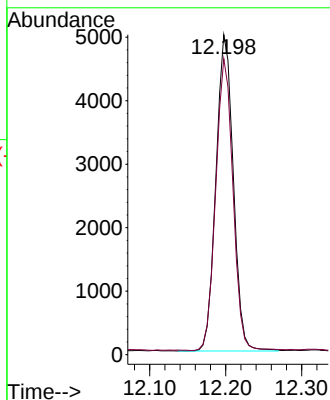
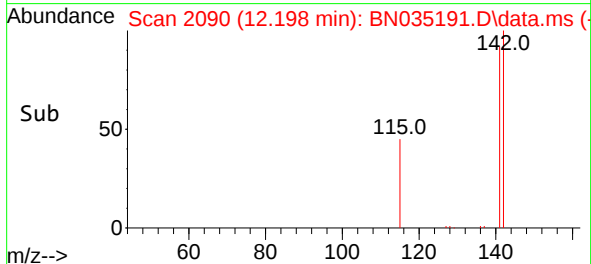
Instrument :
BNA_N
ClientSampleId :
A0AT5DL



Tgt Ion:142 Resp: 789
Ion Ratio Lower Upper
142 100
141 91.7 73.1 109.7

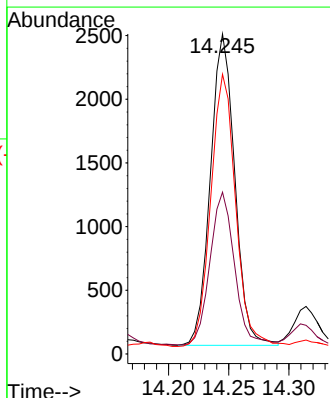
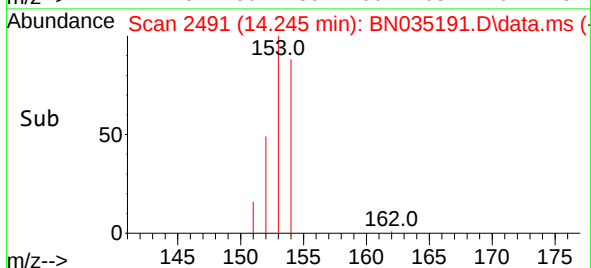
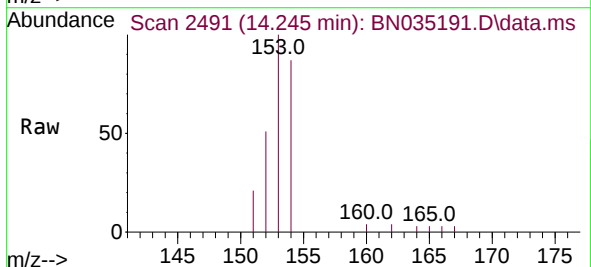
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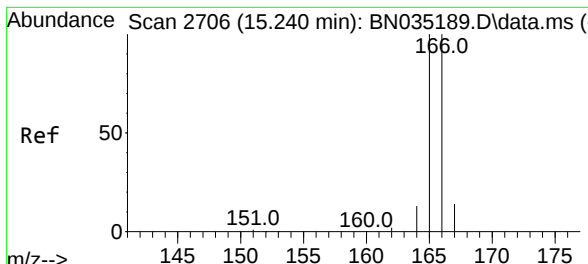
Reviewed By :Yogesh Patel 11/21/2024
Supervised By :mohammad ahmed 11/22/2024



#11
Acenaphthene
Concen: 0.167 ng/ul
RT: 14.245 min Scan# 2491
Delta R.T. -0.005 min
Lab File: BN035191.D
Acq: 20 Nov 2024 10:17

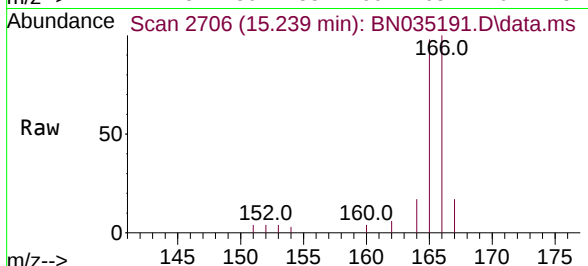
Tgt Ion:153 Resp: 3440
Ion Ratio Lower Upper
153 100
152 50.6 41.4 62.0
154 87.4 71.2 106.8





#12
 Fluorene
 Concen: 0.135 ng/ul
 RT: 15.239 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN035191.D
 Acq: 20 Nov 2024 10:17

Instrument :
 BNA_N
 ClientSampleId :
 A0AT5DL

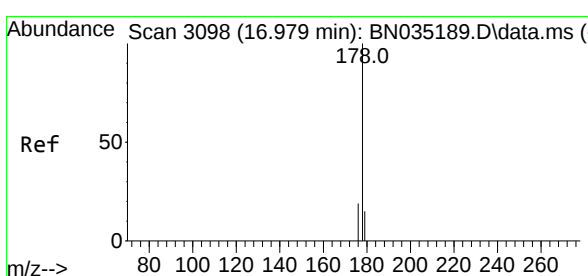
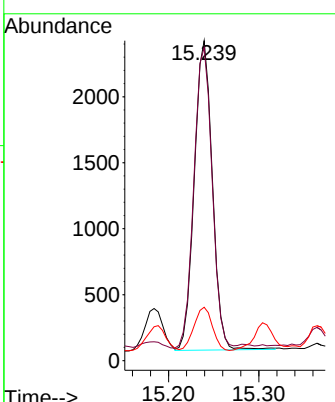
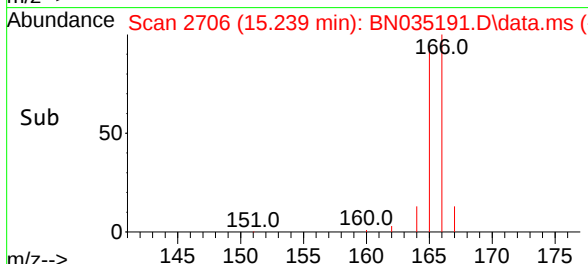


Tgt Ion:166 Resp: 326

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	118.0
167	16.7	11.8	17.6

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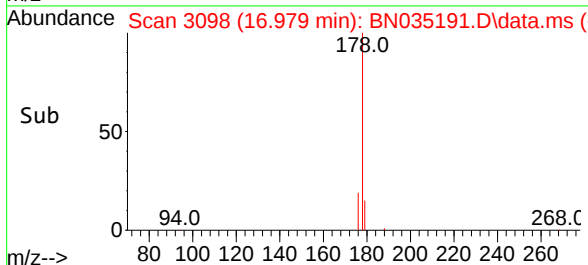
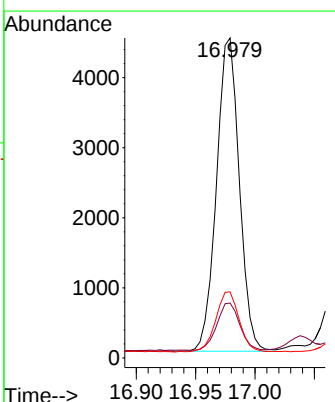
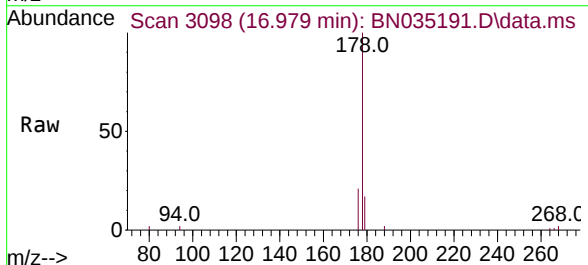
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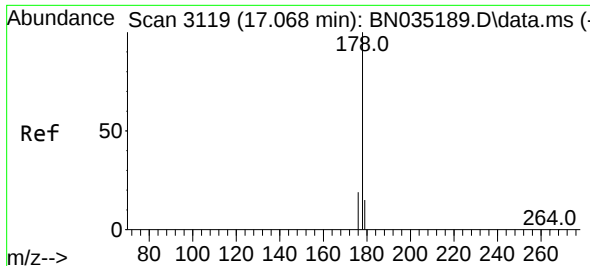


#15
 Phenanthrene
 Concen: 0.163 ng/ul
 RT: 16.979 min Scan# 3098
 Delta R.T. -0.004 min
 Lab File: BN035191.D
 Acq: 20 Nov 2024 10:17

Tgt Ion:178 Resp: 5972

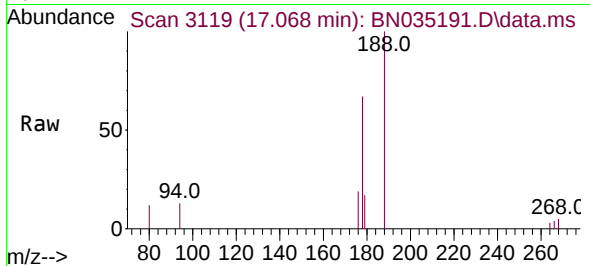
Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.9	19.3
176	20.7	15.6	23.4





#16
 Anthracene
 Concen: 0.038 ng/ul
 RT: 17.068 min Scan# 3119
 Delta R.T. -0.009 min
 Lab File: BN035191.D
 Acq: 20 Nov 2024 10:17

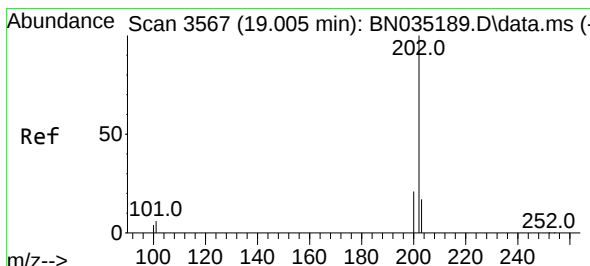
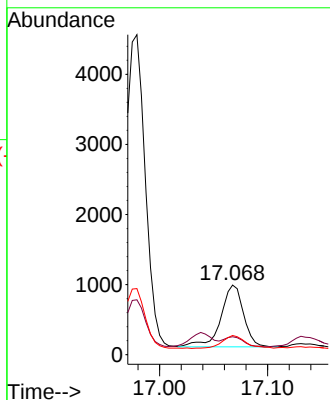
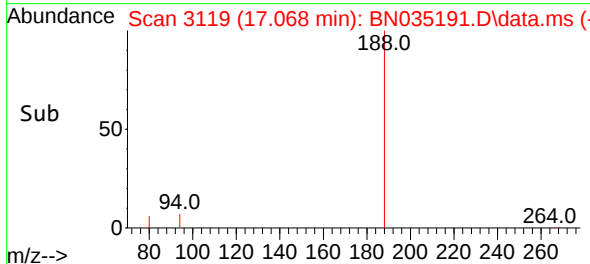
Instrument :
 BNA_N
 ClientSampleId :
 A0AT5DL



Tgt Ion:178 Resp: 1285
 Ion Ratio Lower Upper
 178 100
 179 25.8 12.9 19.3#
 176 27.5 15.4 23.2#

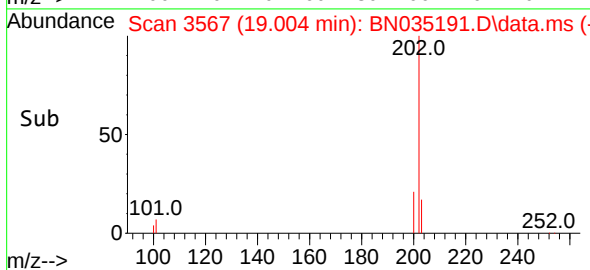
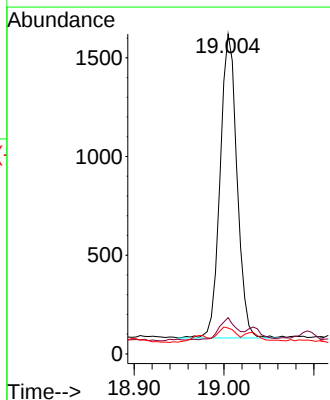
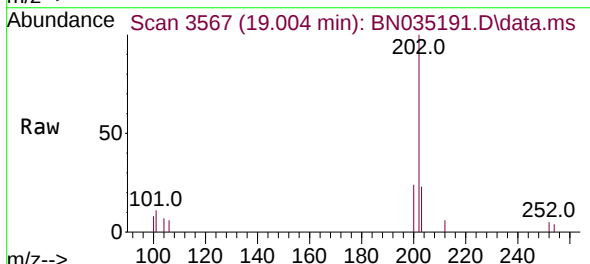
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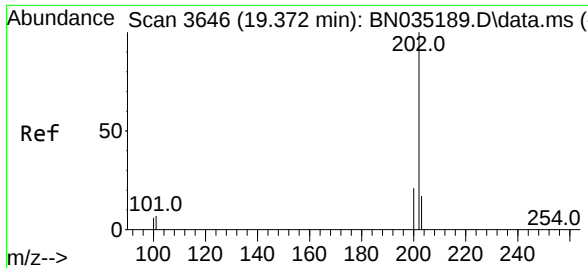
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#19
 Fluoranthene
 Concen: 0.058 ng/ul
 RT: 19.004 min Scan# 3567
 Delta R.T. -0.005 min
 Lab File: BN035191.D
 Acq: 20 Nov 2024 10:17

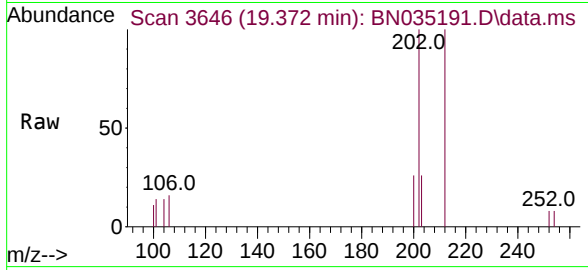
Tgt Ion:202 Resp: 2003
 Ion Ratio Lower Upper
 202 100
 101 11.4 5.8 8.6#
 100 8.1 4.5 6.7#





#20
 Pyrene
 Concen: 0.039 ng/ul m
 RT: 19.372 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BN035191.D
 Acq: 20 Nov 2024 10:17

Instrument :
 BNA_N
 ClientSampleId :
 A0AT5DL



Tgt Ion:	202	Resp:	140
Ion Ratio	Lower	Upper	
202	100		
101	13.5	6.2	9.4
100	11.3	5.1	7.7

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