

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111924\
 Data File : BN035174.D
 Acq On : 19 Nov 2024 22:28
 Operator : RC/JU
 Sample : P4847-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A0AT5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 19 22:56:36 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	3685	0.400	ng/ul	0.00
4) Naphthalene-d8	10.306	136	9322	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.185	164	7048	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	13429m	0.400	ng/ul	0.00
17) Chrysene-d12	21.145	240	10407	0.400	ng/ul	# 0.00
23) Perylene-d12	23.317	264	10666m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.136	96	15453	4.588	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.901	152	4710	0.345	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212	11577	0.403	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.355	128	9739	0.415	ng/ul#	91
7) 2-Methylnaphthalene	11.978	142	21597	1.326	ng/ul	98
8) 1-Methylnaphthalene	12.203	142	34530	2.100	ng/ul	100
10) Acenaphthylene	13.902	152	1489	0.053	ng/ul#	38
11) Acenaphthene	14.245	153	14425	0.674	ng/ul	97
12) Fluorene	15.244	166	14358	0.572	ng/ul	97
15) Phenanthrene	16.979	178	24844	0.700	ng/ul	100
16) Anthracene	17.072	178	5076	0.154	ng/ul#	88
19) Fluoranthene	19.004	202	8516	0.235	ng/ul#	95
20) Pyrene	19.372	202	5538m	0.147	ng/ul	

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

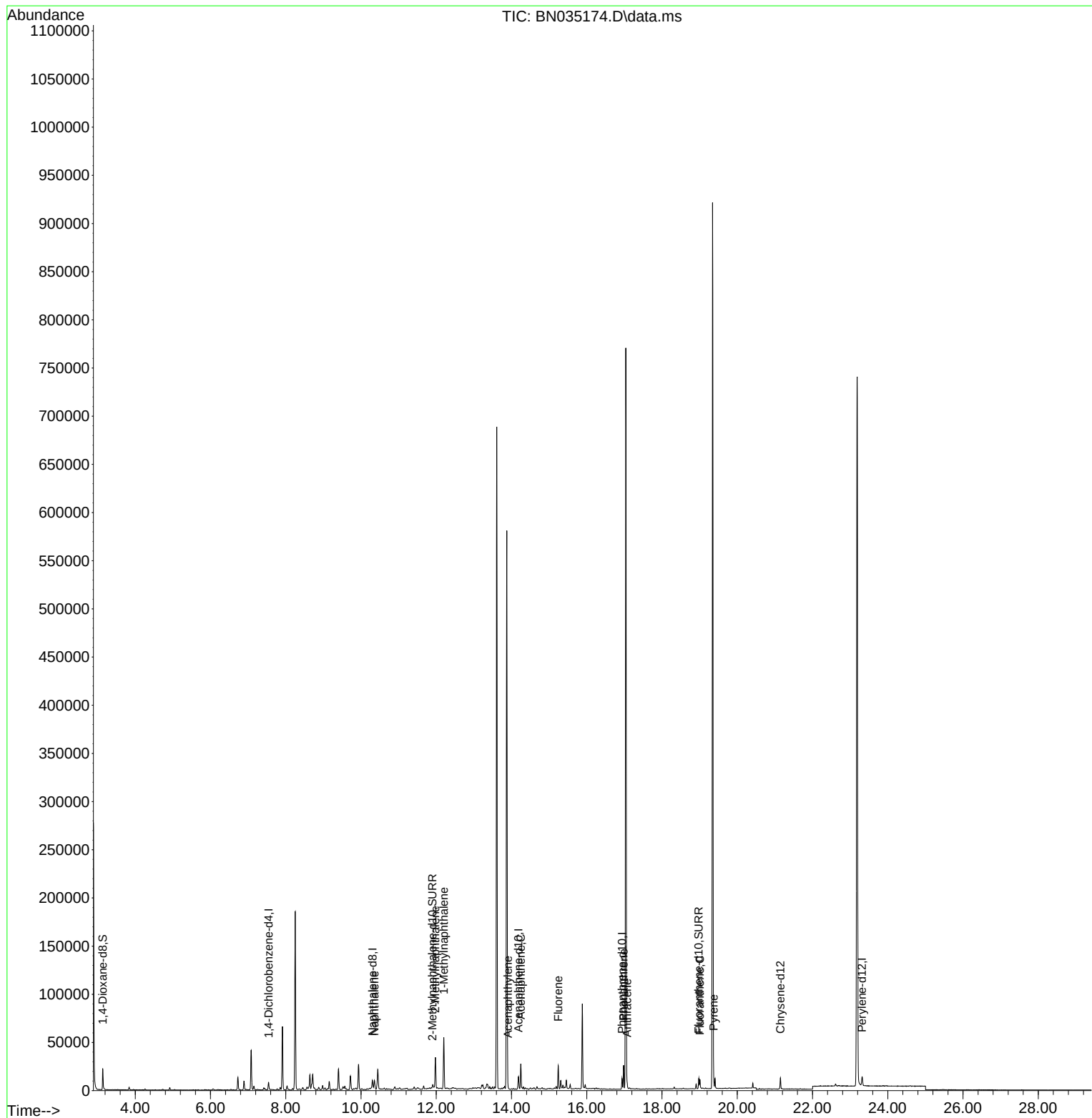
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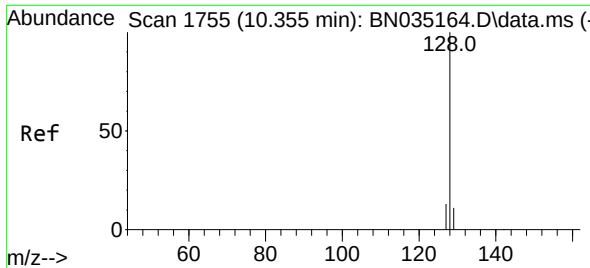
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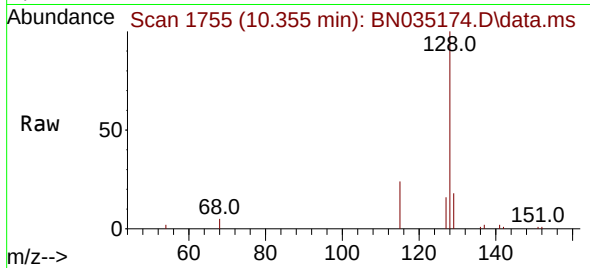
Quant Time: Nov 19 22:56:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 18 00:44:37 2024
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#5
Naphthalene
Concen: 0.415 ng/ul
RT: 10.355 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BN035174.D
Acq: 19 Nov 2024 22:28

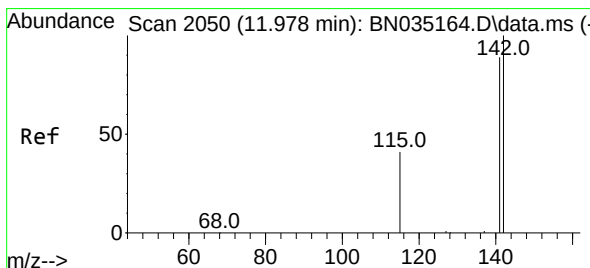
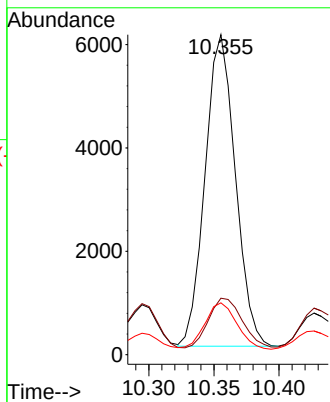
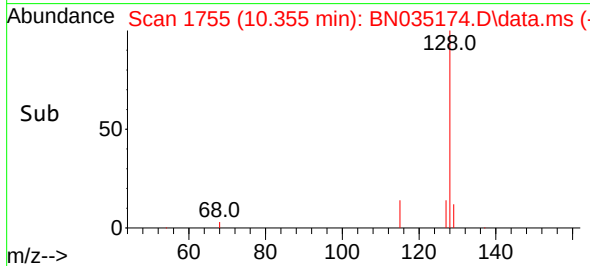
Instrument :
BNA_N
ClientSampleId :
A0AT5



Tgt Ion:128 Resp: 9739
Ion Ratio Lower Upper
128 100
129 17.7 9.9 14.9
127 16.2 11.4 17.2

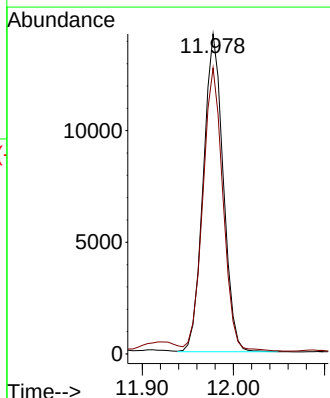
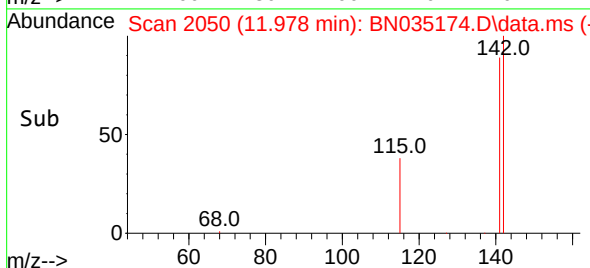
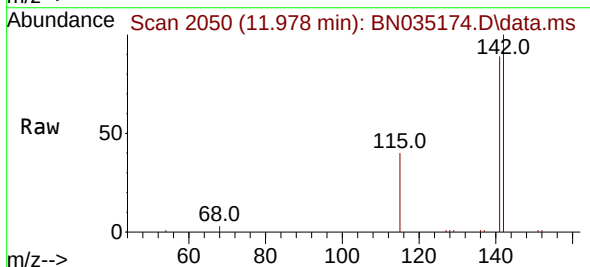
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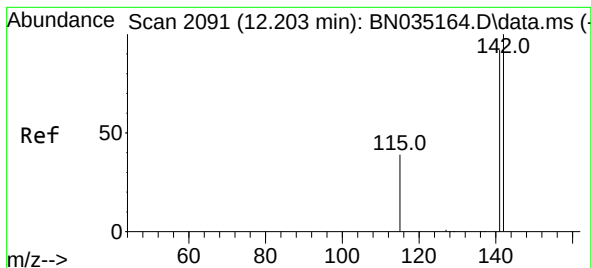
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#7
2-Methylnaphthalene
Concen: 1.326 ng/ul
RT: 11.978 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BN035174.D
Acq: 19 Nov 2024 22:28

Tgt Ion:142 Resp: 21597
Ion Ratio Lower Upper
142 100
141 89.7 70.4 105.6





#8

1-Methylnaphthalene

Concen: 2.100 ng/ul

RT: 12.203 min Scan# 2091

Delta R.T. -0.000 min

Lab File: BN035174.D

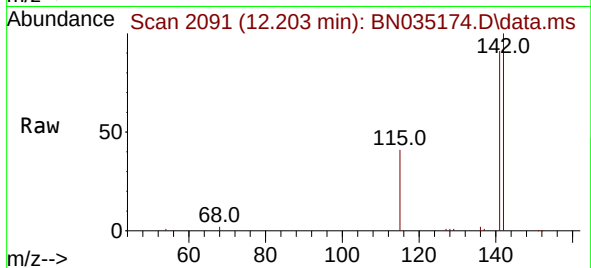
Acq: 19 Nov 2024 22:28

Instrument :

BNA_N

ClientSampleId :

A0AT5



Tgt Ion:142 Resp: 34530

Ion Ratio Lower Upper

142 100

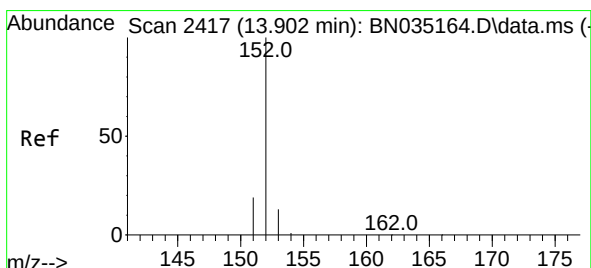
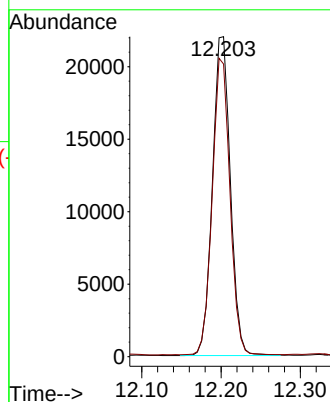
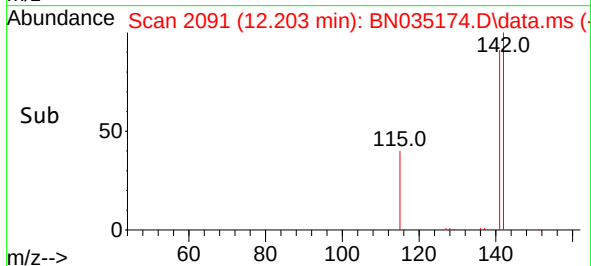
141 91.8 73.1 109.7

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#10

Acenaphthylene

Concen: 0.053 ng/ul

RT: 13.902 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BN035174.D

Acq: 19 Nov 2024 22:28

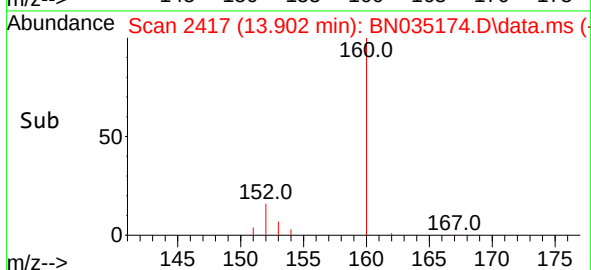
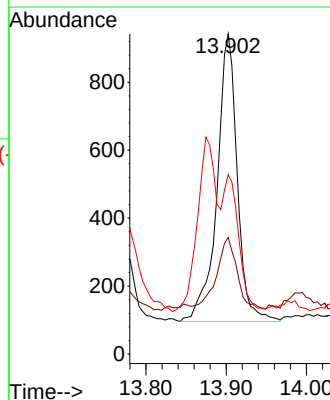
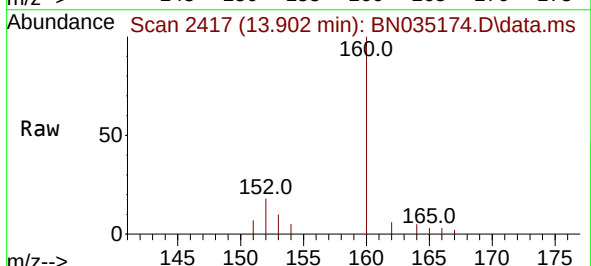
Tgt Ion:152 Resp: 1489

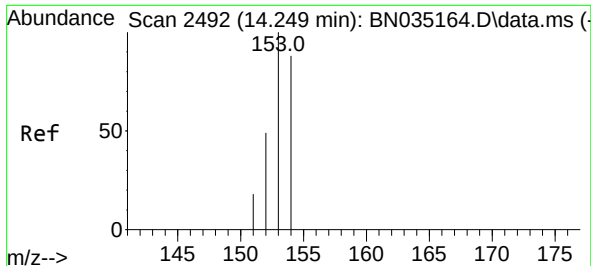
Ion Ratio Lower Upper

152 100

151 36.4 16.4 24.6#

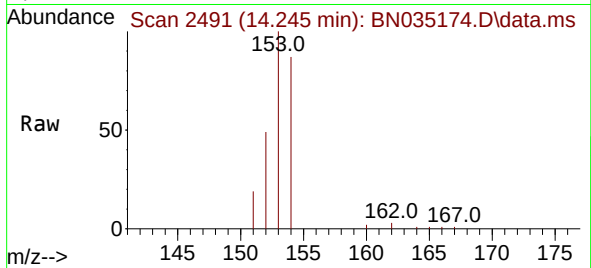
153 56.1 11.1 16.7#





#11
Acenaphthene
Concen: 0.674 ng/ul
RT: 14.245 min Scan# 2491
Delta R.T. -0.005 min
Lab File: BN035174.D
Acq: 19 Nov 2024 22:28

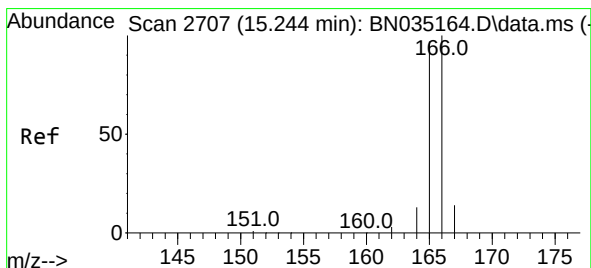
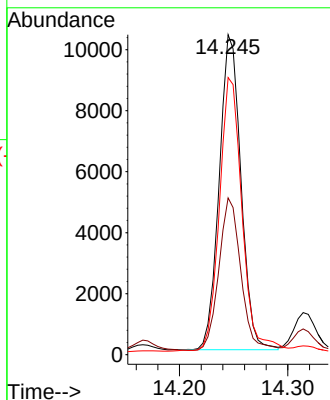
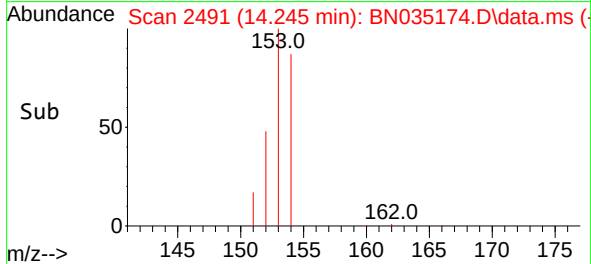
Instrument :
BNA_N
ClientSampleId :
A0AT5



Tgt Ion:153 Resp: 14425
Ion Ratio Lower Upper
153 100
152 49.0 41.4 62.0
154 86.6 71.2 106.8

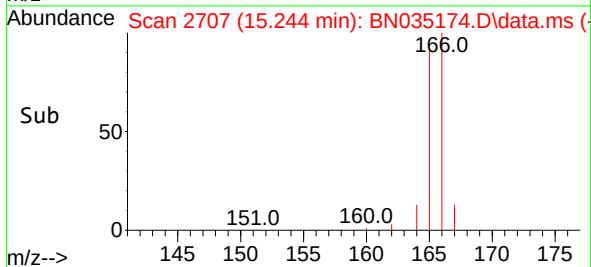
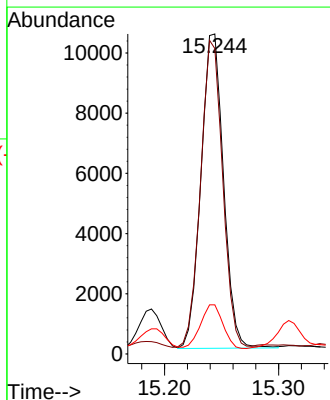
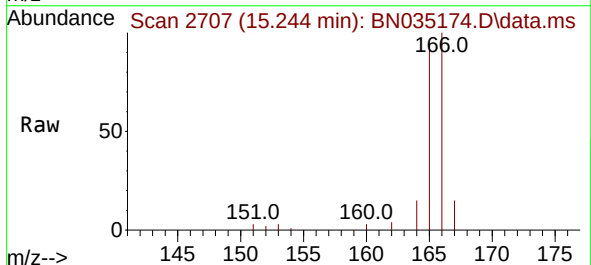
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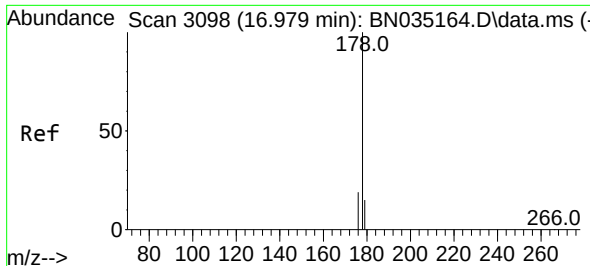
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#12
Fluorene
Concen: 0.572 ng/ul
RT: 15.244 min Scan# 2707
Delta R.T. -0.000 min
Lab File: BN035174.D
Acq: 19 Nov 2024 22:28

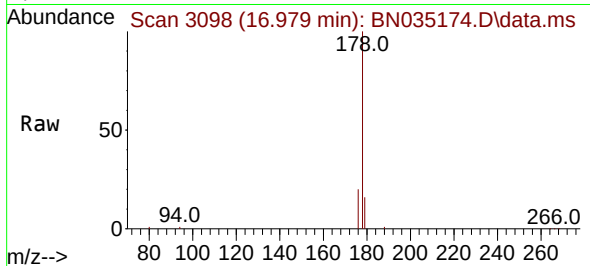
Tgt Ion:166 Resp: 14358
Ion Ratio Lower Upper
166 100
165 95.5 78.6 118.0
167 15.4 11.8 17.6





#15
Phenanthrene
Concen: 0.700 ng/ul
RT: 16.979 min Scan# 3098
Delta R.T. -0.004 min
Lab File: BN035174.D
Acq: 19 Nov 2024 22:28

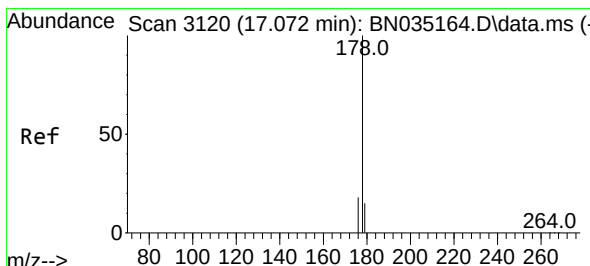
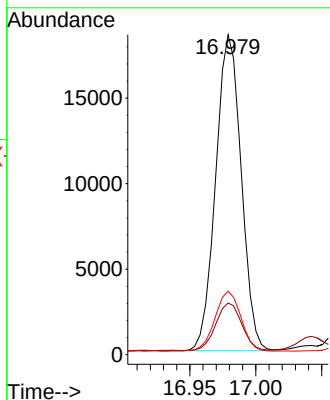
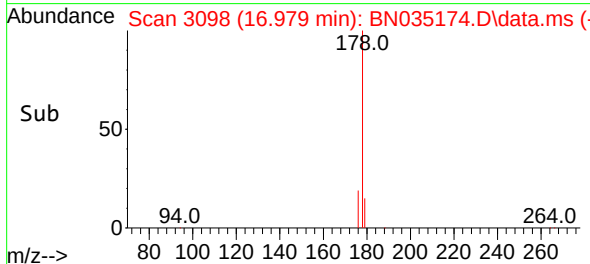
Instrument :
BNA_N
ClientSampleId :
A0AT5



Tgt Ion:178 Resp: 2484
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.8 15.6 23.4

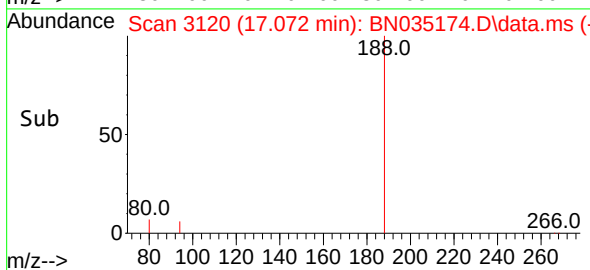
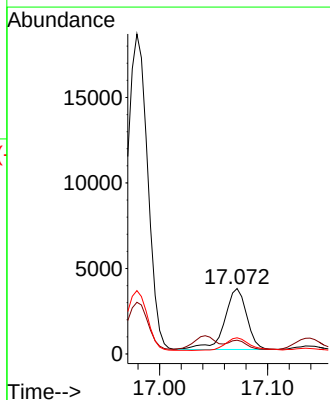
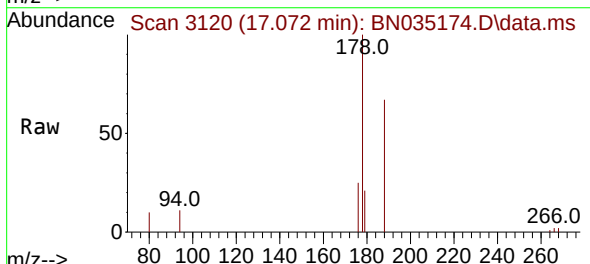
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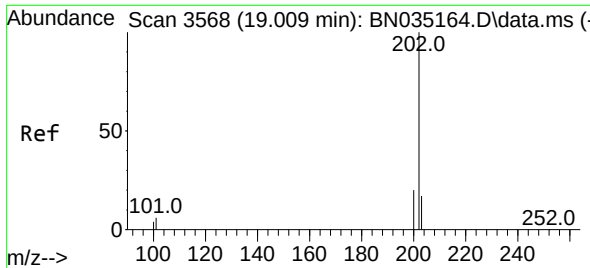
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#16
Anthracene
Concen: 0.154 ng/ul
RT: 17.072 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN035174.D
Acq: 19 Nov 2024 22:28

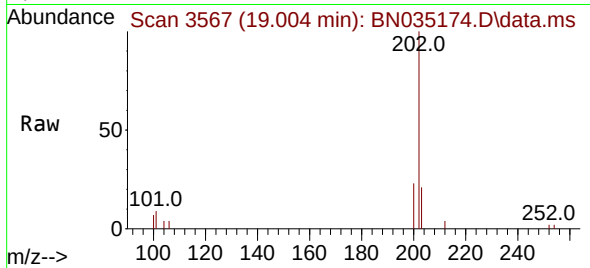
Tgt Ion:178 Resp: 5076
Ion Ratio Lower Upper
178 100
179 21.1 12.9 19.3#
176 24.7 15.4 23.2#





#19
Fluoranthene
Concen: 0.235 ng/ul
RT: 19.004 min Scan# 3567
Delta R.T. -0.005 min
Lab File: BN035174.D
Acq: 19 Nov 2024 22:28

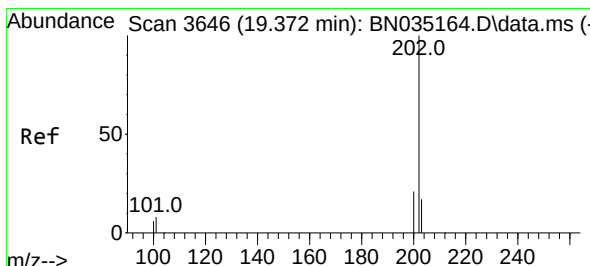
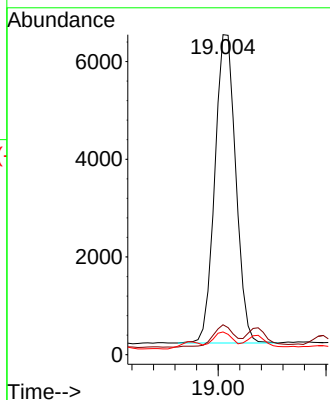
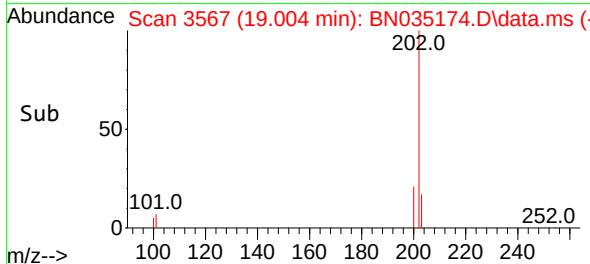
Instrument :
BNA_N
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Tgt Ion:202 Resp: 8510
Ion Ratio Lower Upper
202 100
101 9.3 5.8 8.6#
100 7.1 4.5 6.7#

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#20
Pyrene
Concen: 0.147 ng/ul m
RT: 19.372 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BN035174.D
Acq: 19 Nov 2024 22:28

Tgt Ion:202 Resp: 5538
Ion Ratio Lower Upper
202 100
101 10.8 6.2 9.4#
100 9.7 5.1 7.7#

