

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024413.D
 Acq On : 20 Mar 2023 15:59
 Operator : CG/JU
 Sample : 01884-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB911

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/21/2023
 Supervised By : Jagrut Upadhyay 03/21/2023

Quant Time: Mar 21 02:15:29 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 02:12:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	12573	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	39822	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.671	164	25213	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	48699	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.603	240	37446	0.400	ng/ul	# 0.00
23) Perylene-d12	24.094	264	32075	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	49203	3.556	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	12012	0.254	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	24999	0.251	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.900	128	56538	0.569	ng/ul#	94
7) 2-Methylnaphthalene	12.506	142	16849	0.279	ng/ul	97
8) 1-Methylnaphthalene	12.726	142	22452	0.354	ng/ul	99
10) Acenaphthylene	14.398	152	5589	0.053	ng/ul#	35
11) Acenaphthene	14.735	153	136567	1.685	ng/ul	96
12) Fluorene	15.716	166	95024	1.050	ng/ul	98
15) Phenanthrene	17.455	178	53474	0.383	ng/ul	94
16) Anthracene	17.548	178	19613	0.160	ng/ul#	74
19) Fluoranthene	19.468	202	29892	0.201	ng/ul#	78
20) Pyrene	19.831	202	22591m	0.149	ng/ul	
21) Benzo(a)anthracene	21.586	228	4588	0.038	ng/ul#	62
22) Chrysene	21.641	228	4526	0.035	ng/ul#	59
24) Benzo(b)fluoranthene	23.333	252	4382m	0.036	ng/ul	
26) Benzo(a)pyrene	23.982	252	2633	0.025	ng/ul#	1

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

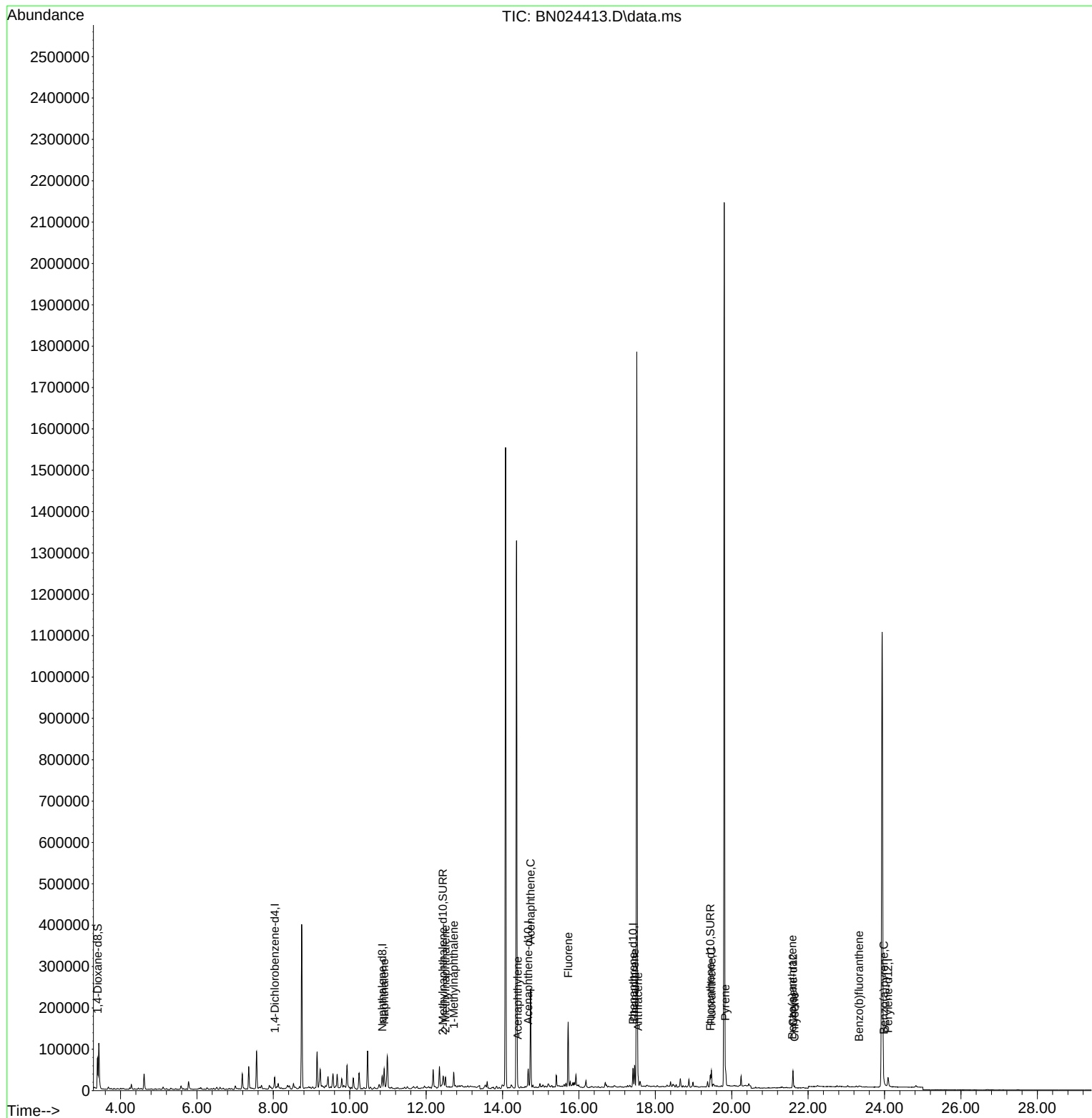
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
Data File : BN024413.D
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Sample : 01884-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

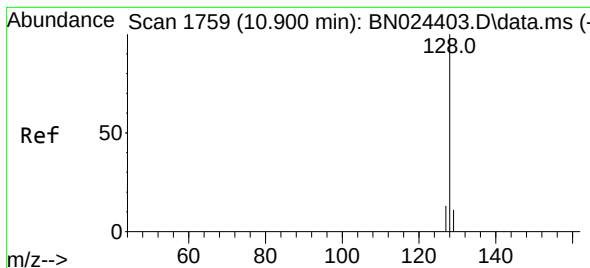
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#5

Naphthalene

Concen: 0.569 ng/ul

RT: 10.900 min Scan# 1759

Delta R.T. 0.000 min

Lab File: BN024413.D

Acq: 20 Mar 2023 15:59

Instrument :

BNA_N

ClientSampleId :

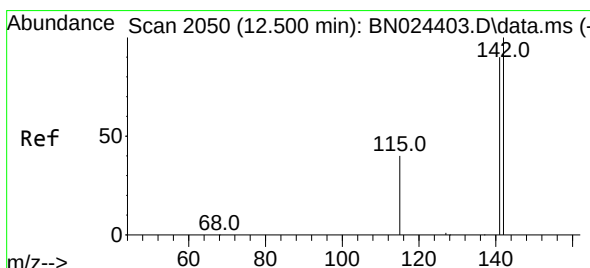
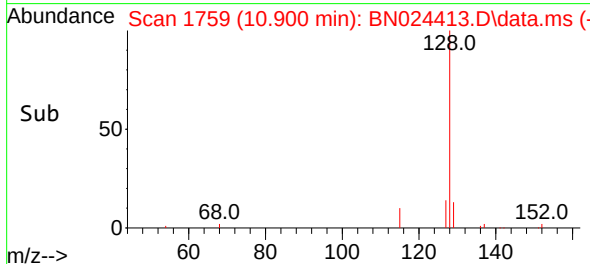
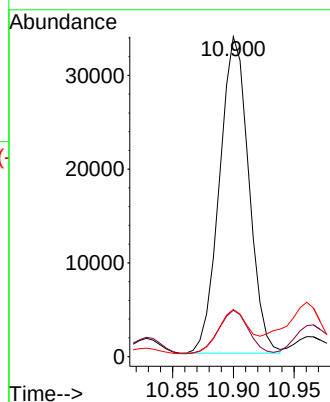
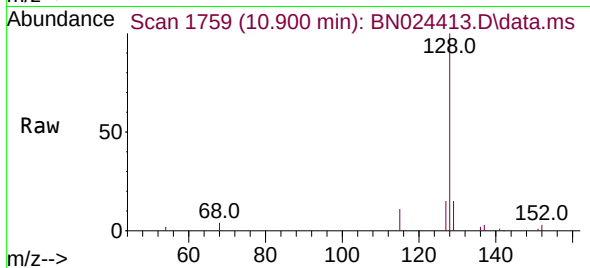
CB911

Tgt Ion:128 Resp: 56538
 Ion Ratio Lower Upper
 128 100
 129 14.5 9.0 13.6
 127 14.7 10.5 15.7

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#7

2-Methylnaphthalene

Concen: 0.279 ng/ul

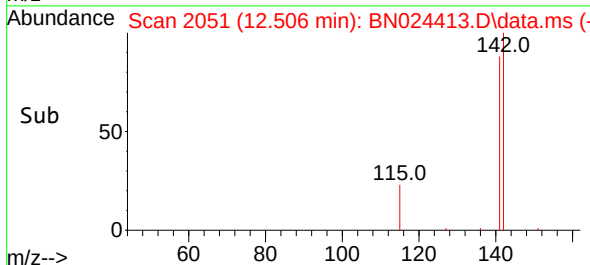
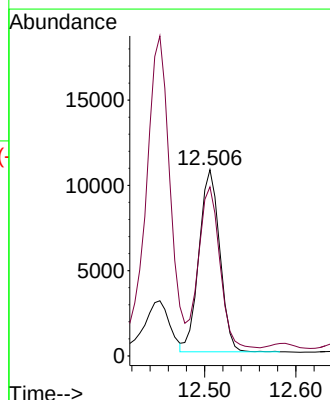
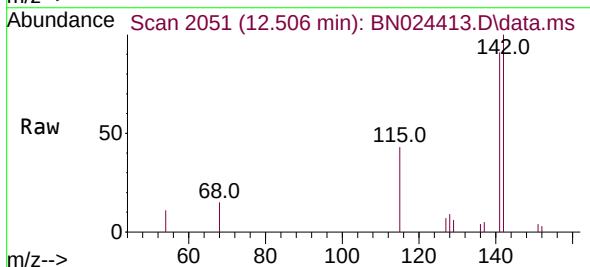
RT: 12.506 min Scan# 2051

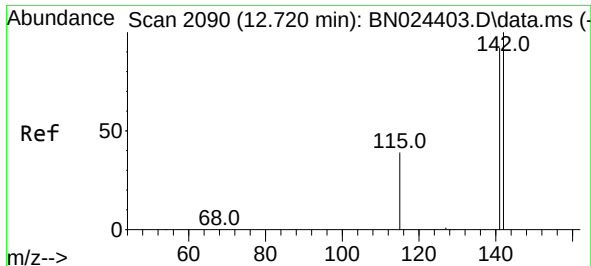
Delta R.T. 0.006 min

Lab File: BN024413.D

Acq: 20 Mar 2023 15:59

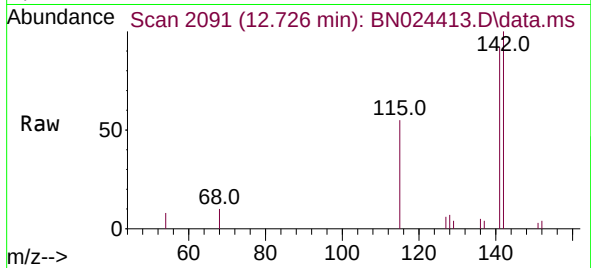
Tgt Ion:142 Resp: 16849
 Ion Ratio Lower Upper
 142 100
 141 90.6 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.726 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BN024413.D
Acq: 20 Mar 2023 15:59

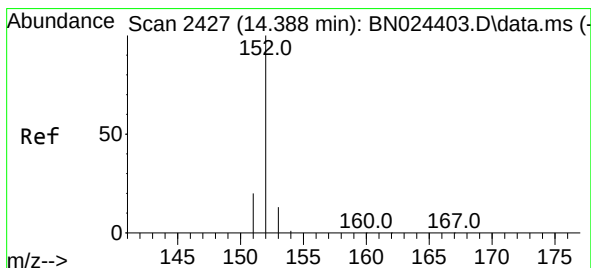
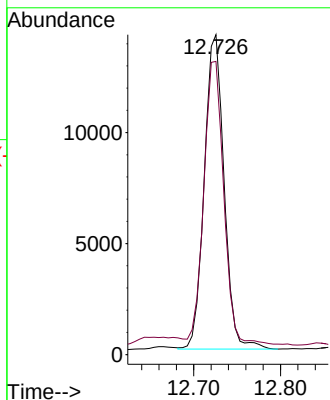
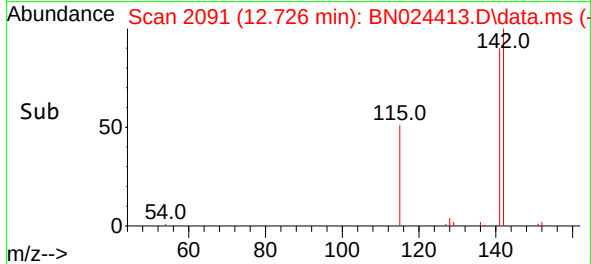
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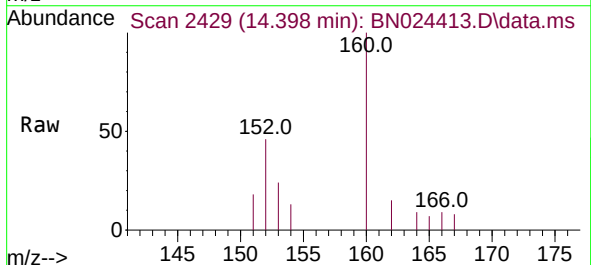
Tgt Ion:142 Resp: 22452
Ion Ratio Lower Upper
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141 90.2 73.0 109.6

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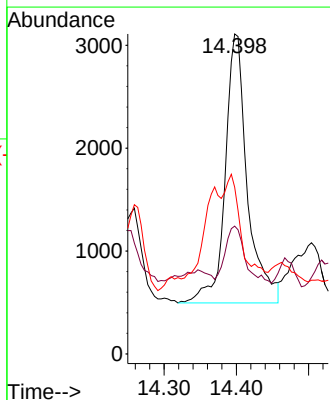
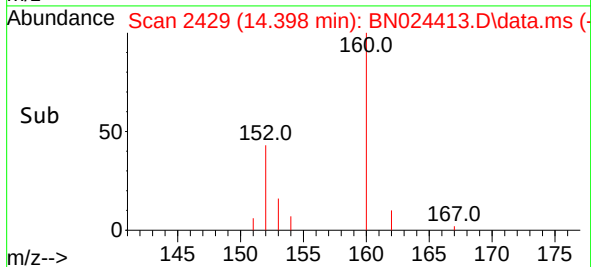
Reviewed By :Christian Giraldo 03/21/2023
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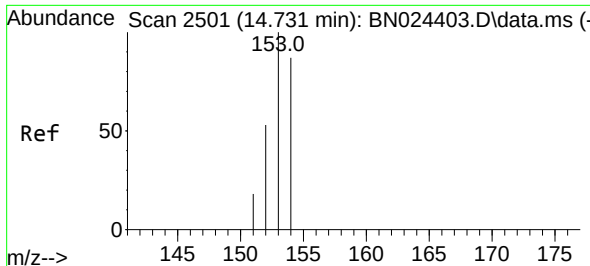


#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.398 min Scan# 2429
Delta R.T. 0.009 min
Lab File: BN024413.D
Acq: 20 Mar 2023 15:59



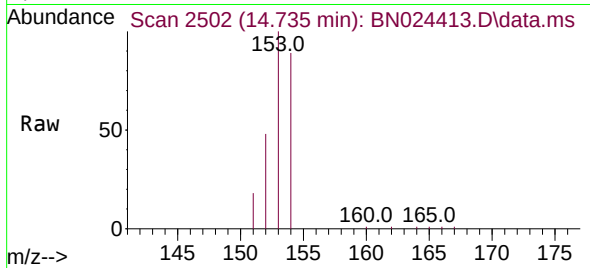
Tgt Ion:152 Resp: 5589
Ion Ratio Lower Upper
152 100
151 39.9 15.9 23.9#
153 52.1 10.6 16.0#





#11
Acenaphthene
Concen: 1.685 ng/ul
RT: 14.735 min Scan# 2501
Delta R.T. 0.005 min
Lab File: BN024413.D
Acq: 20 Mar 2023 15:59

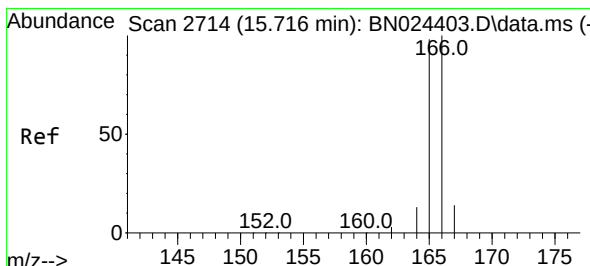
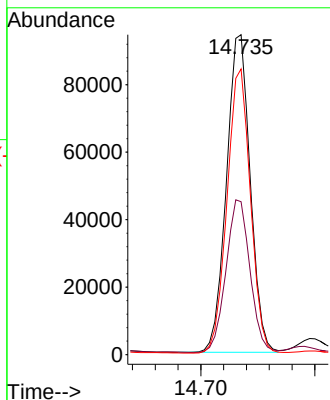
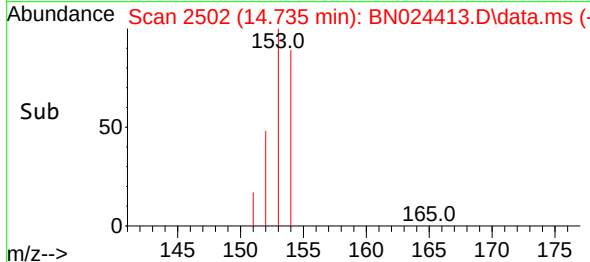
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 136562
Ion Ratio Lower Upper
153 100
152 47.8 42.6 64.0
154 89.3 70.6 105.8

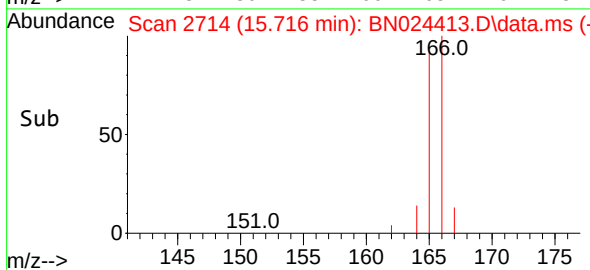
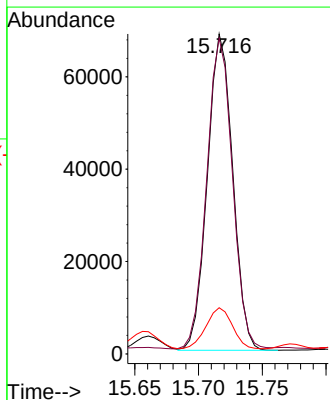
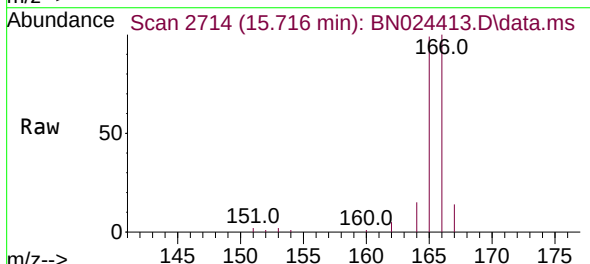
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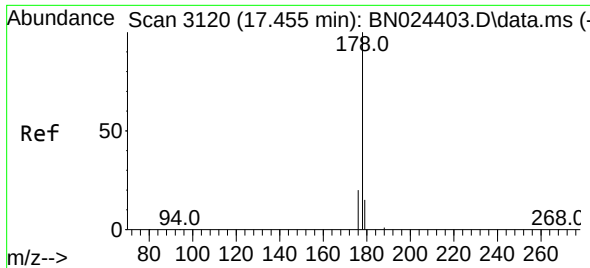
Reviewed By :Christian Giraldo 03/21/2023
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#12
Fluorene
Concen: 1.050 ng/ul
RT: 15.716 min Scan# 2714
Delta R.T. 0.000 min
Lab File: BN024413.D
Acq: 20 Mar 2023 15:59

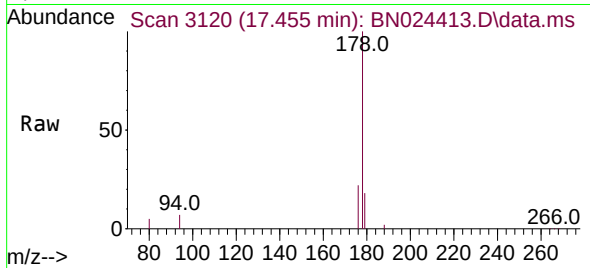
Tgt Ion:166 Resp: 95024
Ion Ratio Lower Upper
166 100
165 98.6 77.4 116.0
167 14.4 10.9 16.3





#15
Phenanthrene
Concen: 0.383 ng/ul
RT: 17.455 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BN024413.D
Acq: 20 Mar 2023 15:59

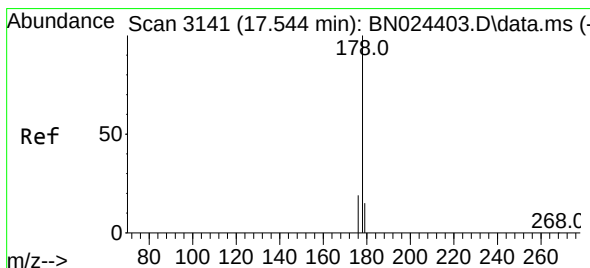
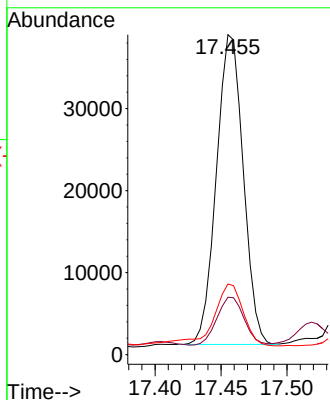
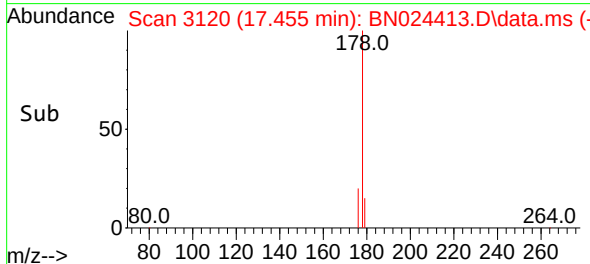
Instrument :
BNA_N
ClientSampleId :
CB911



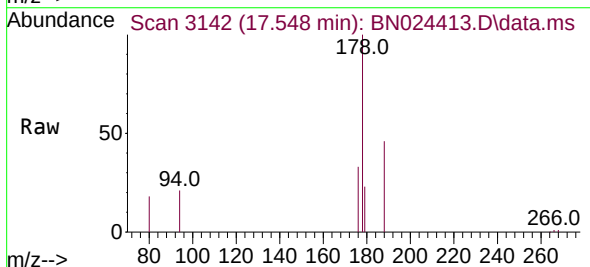
Tgt Ion:178 Resp: 53474
Ion Ratio Lower Upper
178 100
179 17.9 12.2 18.2
176 22.1 15.7 23.5

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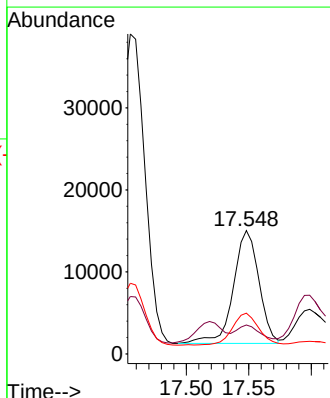
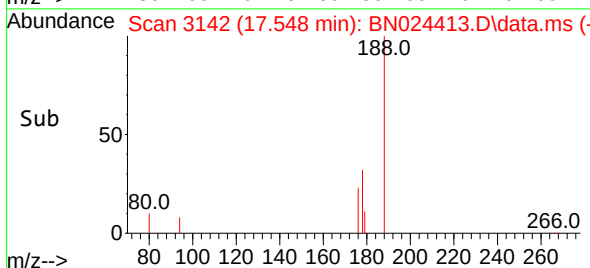
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

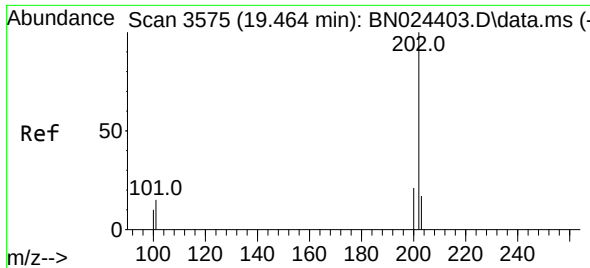


#16
Anthracene
Concen: 0.160 ng/ul
RT: 17.548 min Scan# 3142
Delta R.T. 0.004 min
Lab File: BN024413.D
Acq: 20 Mar 2023 15:59



Tgt Ion:178 Resp: 19613
Ion Ratio Lower Upper
178 100
179 23.5 12.3 18.5#
176 33.1 15.3 22.9#





#19

Fluoranthene

Concen: 0.201 ng/ul

RT: 19.468 min Scan# 3575

Delta R.T. 0.004 min

Lab File: BN024413.D

Acq: 20 Mar 2023 15:59

Instrument :

BNA_N

ClientSampleId :

CB911

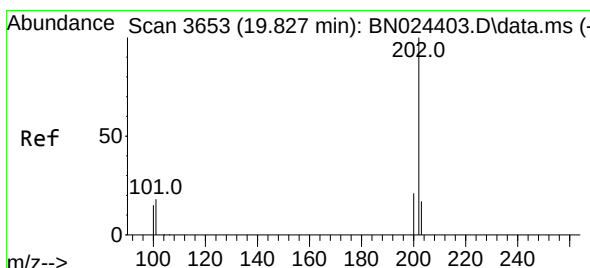
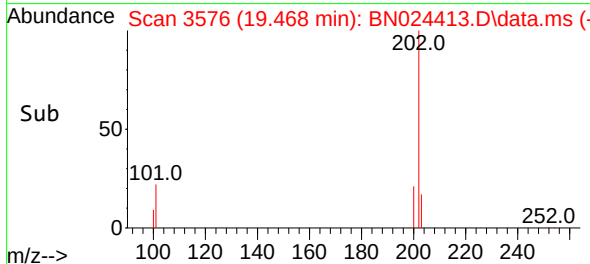
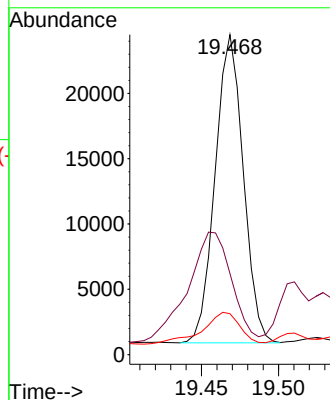
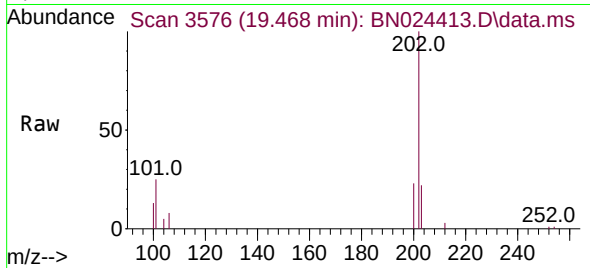
Tgt Ion:	202	Resp:	29892
Ion Ratio	Lower	Upper	
202	100		
101	25.3	10.4	15.6
100	12.8	7.7	11.5

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#20

Pyrene

Concen: 0.149 ng/ul m

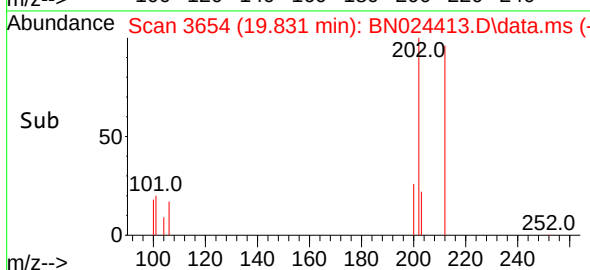
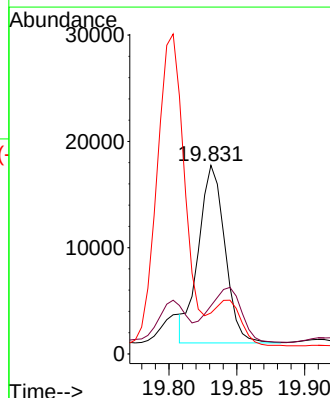
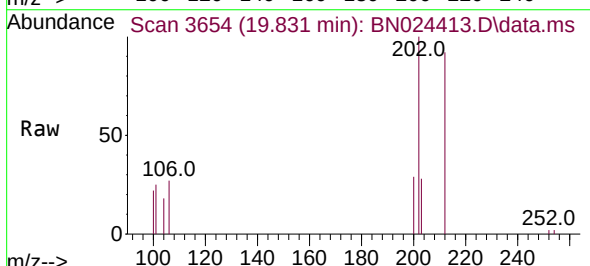
RT: 19.831 min Scan# 3654

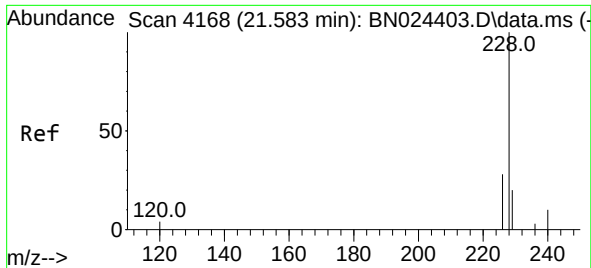
Delta R.T. 0.004 min

Lab File: BN024413.D

Acq: 20 Mar 2023 15:59

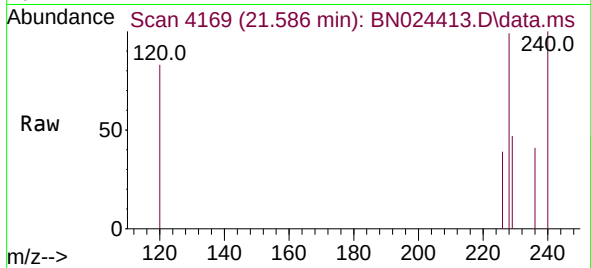
Tgt Ion:	202	Resp:	22591
Ion Ratio	Lower	Upper	
202	100		
101	25.5	12.1	18.1#
100	21.7	9.4	14.0#





#21
Benzo(a)anthracene
Concen: 0.038 ng/u1
RT: 21.586 min Scan# 4168
Delta R.T. 0.003 min
Lab File: BN024413.D
Acq: 20 Mar 2023 15:59

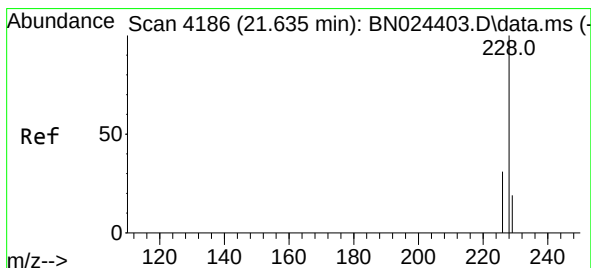
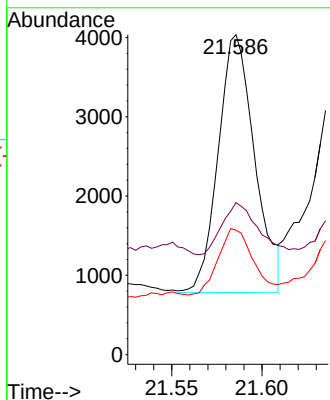
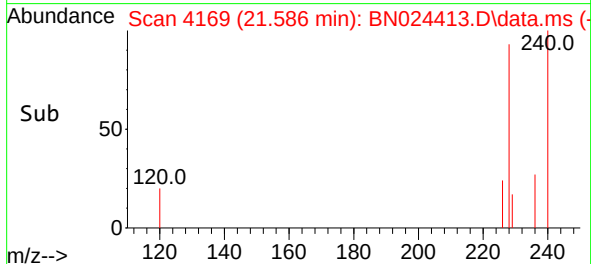
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CB911



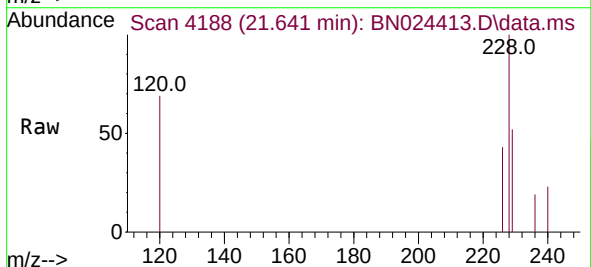
Tgt Ion:228 Resp: 4588
Ion Ratio Lower Upper
228 100
229 47.5 15.8 23.6#
226 38.9 22.2 33.4#

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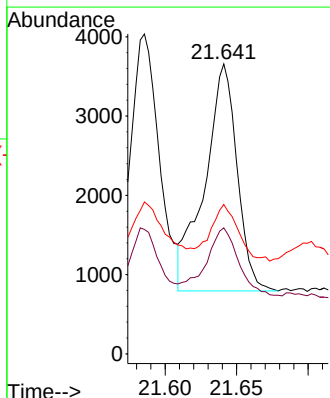
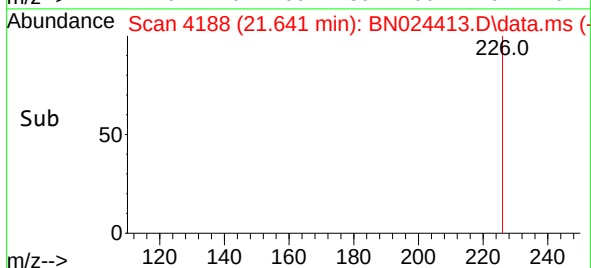
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

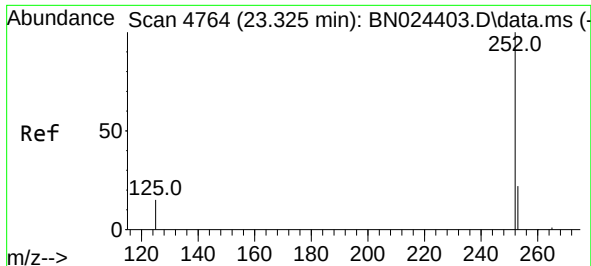


#22
Chrysene
Concen: 0.035 ng/u1
RT: 21.641 min Scan# 4188
Delta R.T. 0.006 min
Lab File: BN024413.D
Acq: 20 Mar 2023 15:59



Tgt Ion:228 Resp: 4526
Ion Ratio Lower Upper
228 100
226 43.5 24.8 37.2#
229 51.5 15.8 23.6#





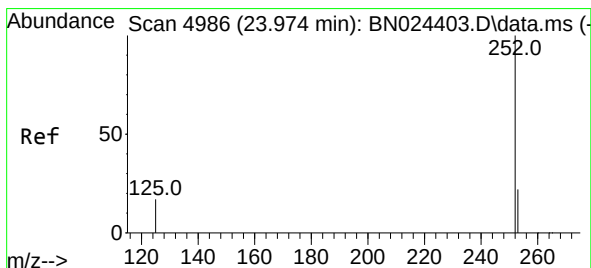
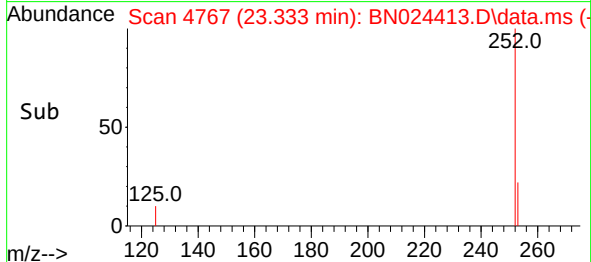
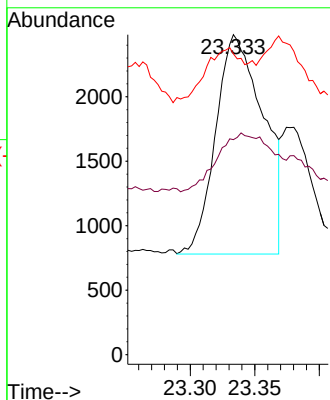
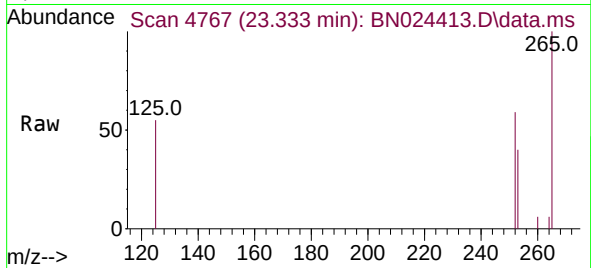
#24
Benzo(b)fluoranthene
Concen: 0.036 ng/ul m
RT: 23.333 min Scan# 4767
Delta R.T. 0.009 min
Lab File: BN024413.D
Acq: 20 Mar 2023 15:59

Instrument :
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Tgt Ion:252 Resp: 4382
Ion Ratio Lower Upper
252 100
253 67.2 0.0 46.2#
125 94.0 0.0 34.0#

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#26
Benzo(a)pyrene
Concen: 0.025 ng/ul
RT: 23.982 min Scan# 4989
Delta R.T. 0.009 min
Lab File: BN024413.D
Acq: 20 Mar 2023 15:59

Tgt Ion:252 Resp: 2633
Ion Ratio Lower Upper
252 100
253 71.1 19.2 28.8#
125 94.3 15.8 23.6#

