

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024208.D
 Acq On : 09 Mar 2023 20:18
 Operator : CG/JU
 Sample : 01746-01DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAC1DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/10/2023
 Supervised By : Jagrut Upadhyay 03/10/2023

Quant Time: Mar 10 03:22:25 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 : Thu Mar 09 08:02:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	9865	0.400	ng/u1	0.00
4) Naphthalene-d8	10.878	136	30494	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.689	164	19052m	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.434	188	36055m	0.400	ng/u1	0.00
17) Chrysene-d12	21.621	240	24513m	0.400	ng/u1	0.00
23) Perylene-d12	24.138	264	20382m	0.400	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	5060	0.466	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.456	152	3074	0.085	ng/u1	0.00
18) Fluoranthene-d10	19.455	212	6396m	0.098	ng/u1	0.00
Target Compounds						
5) Naphthalene	10.938	128	15951263	209.568	ng/u1	97
7) 2-Methylnaphthalene	12.528	142	1462478	31.671	ng/u1	100
8) 1-Methylnaphthalene	12.748	142	1063000	21.904	ng/u1	100
10) Acenaphthylene	14.411	152	167801	2.111	ng/u1	98
11) Acenaphthene	14.754	153	1546149	25.247	ng/u1	97
12) Fluorene	15.734	166	810780m	11.855	ng/u1	
14) Pentachlorophenol	17.076	266	106583m	10.643	ng/u1	
15) Phenanthrene	17.472	178	995902m	9.644	ng/u1	
16) Anthracene	17.565	178	88923m	0.981	ng/u1	
19) Fluoranthene	19.483	202	58602m	0.601	ng/u1	
20) Pyrene	19.845	202	28971	0.293	ng/u1	95

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

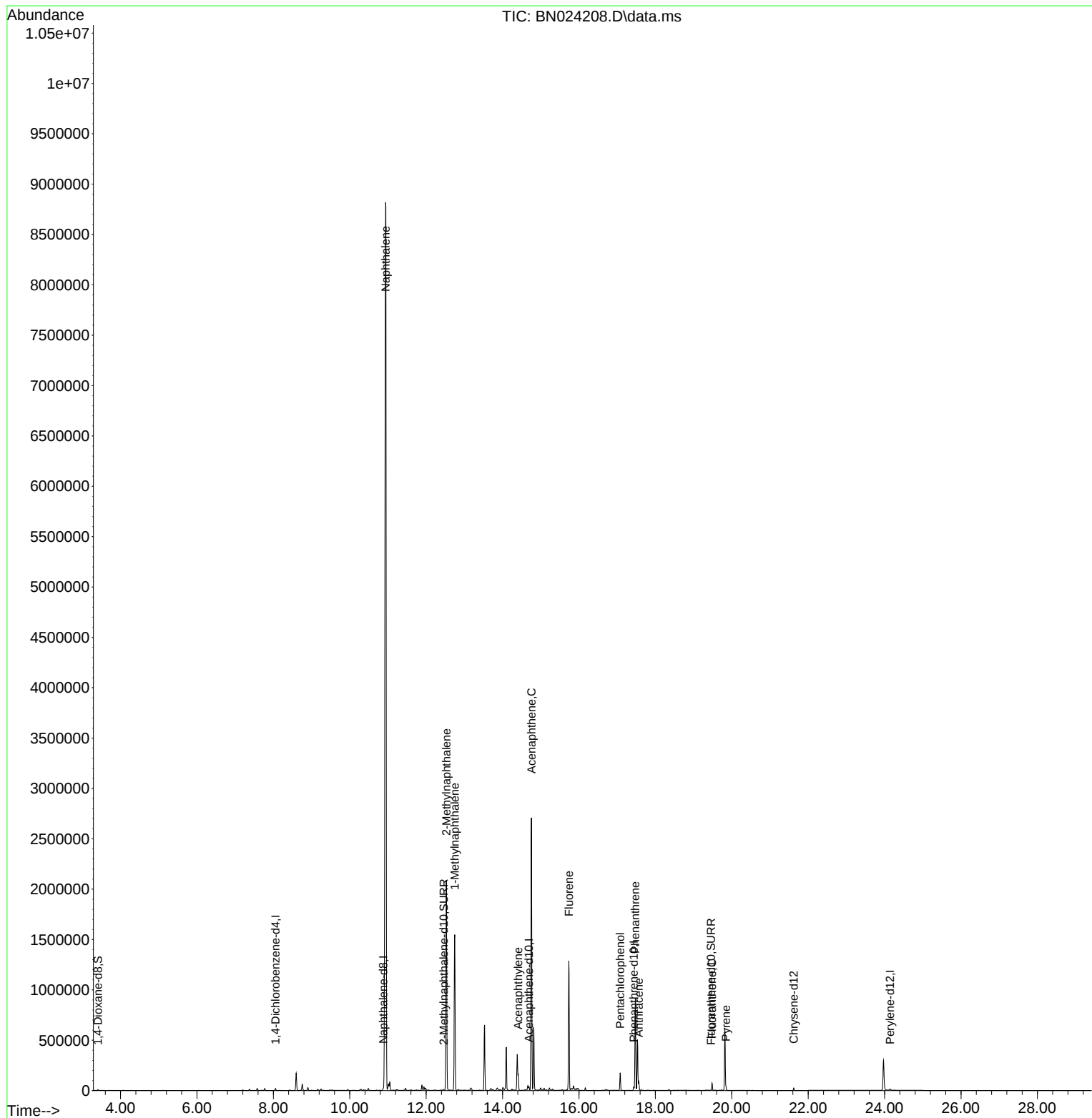
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
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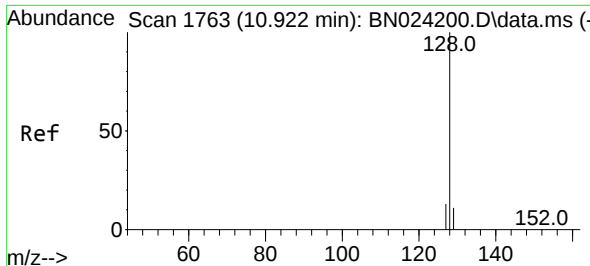
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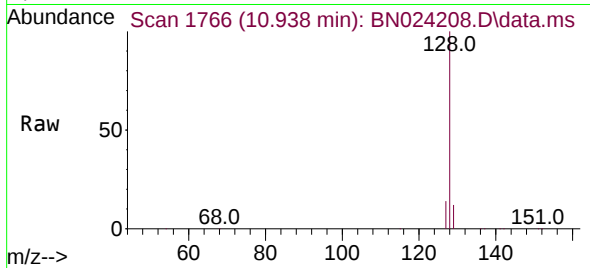
Quant Time: Mar 10 03:22:25 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 08:02:24 2023
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#5
Naphthalene
Concen: 209.568 ng/ul
RT: 10.938 min Scan# 1766
Delta R.T. 0.017 min
Lab File: BN024208.D
Acq: 09 Mar 2023 20:18

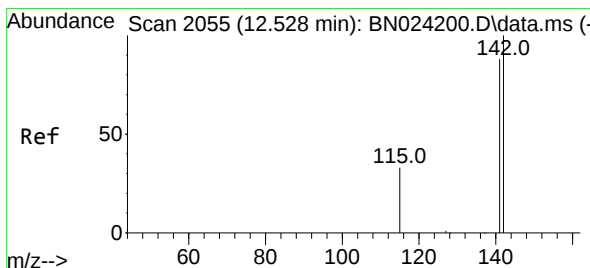
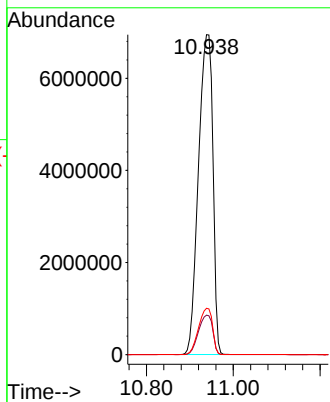
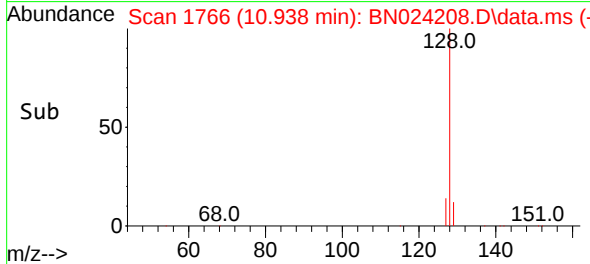
Instrument :
BNA_N
ClientSampleId :
DCAC1DL



Tgt Ion:128 Resp:15951263
Ion Ratio Lower Upper
128 100
129 12.3 9.0 13.6
127 14.5 10.5 15.7

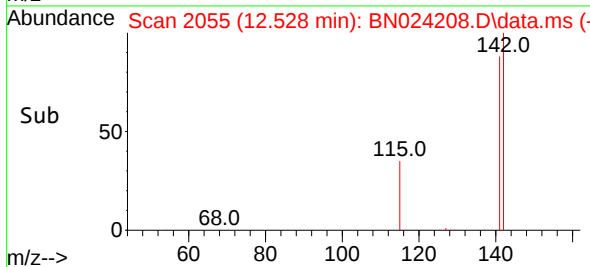
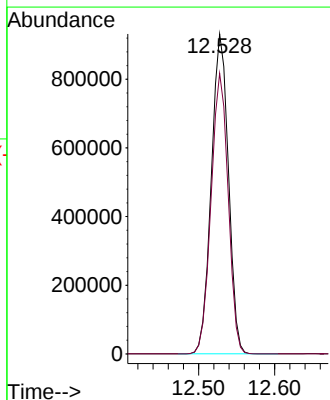
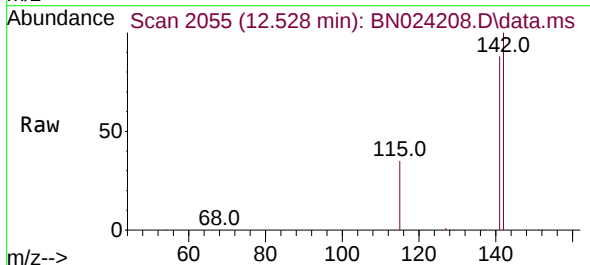
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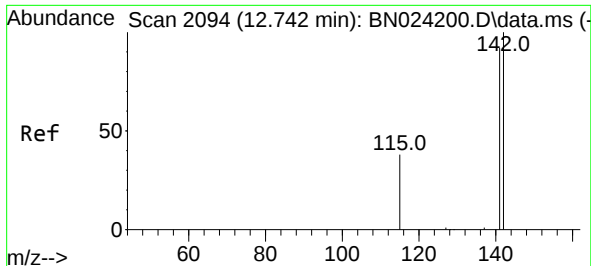
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#7
2-Methylnaphthalene
Concen: 31.671 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BN024208.D
Acq: 09 Mar 2023 20:18

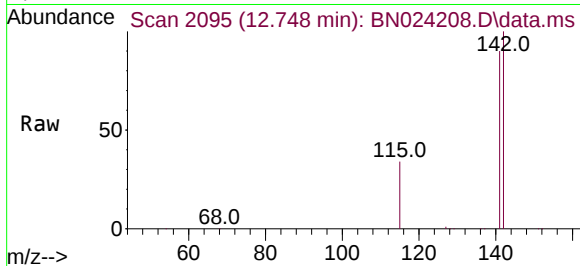
Tgt Ion:142 Resp: 1462478
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5





#8
1-Methylnaphthalene
Concen: 21.904 ng/ul
RT: 12.748 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BN024208.D
Acq: 09 Mar 2023 20:18

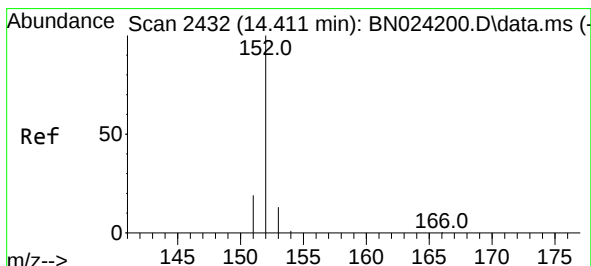
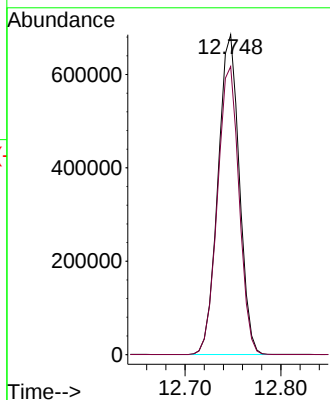
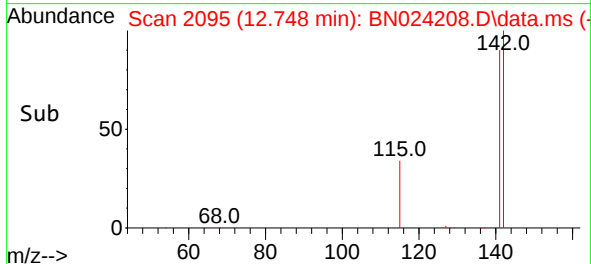
Instrument :
BNA_N
ClientSampleId :
DCAC1DL



Tgt Ion:142 Resp: 1063000
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.6

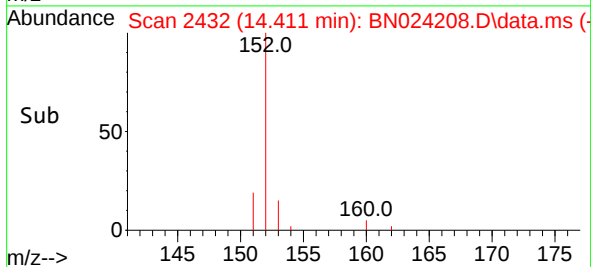
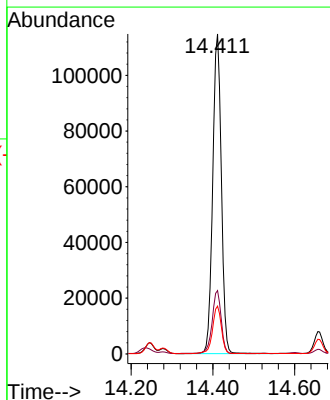
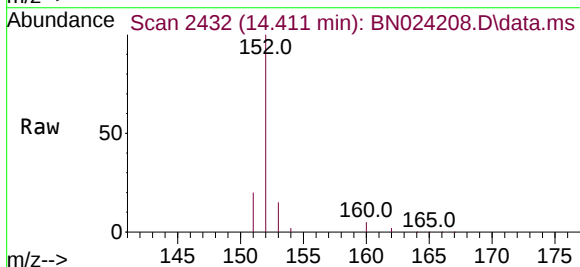
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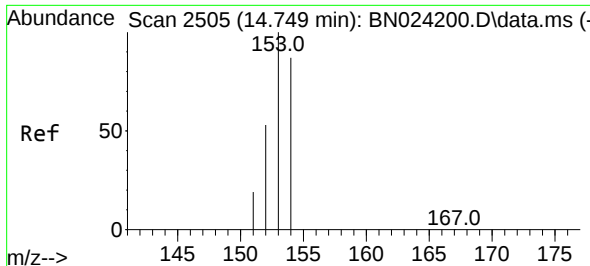
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#10
Acenaphthylene
Concen: 2.111 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN024208.D
Acq: 09 Mar 2023 20:18

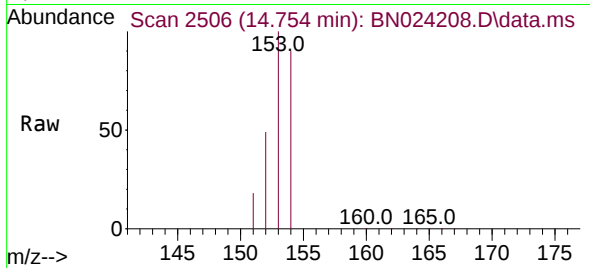
Tgt Ion:152 Resp: 167801
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 14.9 10.6 16.0





#11
Acenaphthene
Concen: 25.247 ng/ul
RT: 14.754 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN024208.D
Acq: 09 Mar 2023 20:18

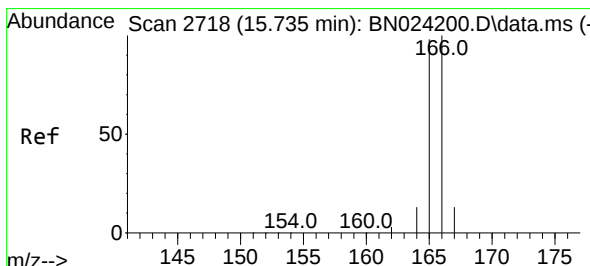
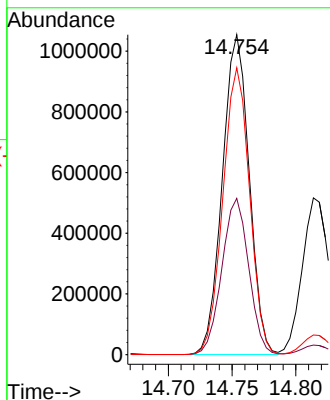
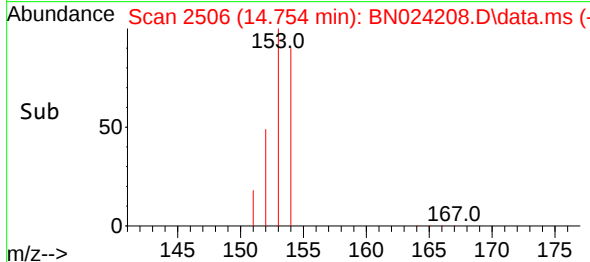
Instrument :
BNA_N
ClientSampleId :
DCAC1DL



Tgt Ion:153 Resp: 1546149
Ion Ratio Lower Upper
153 100
152 48.8 42.6 64.0
154 89.6 70.6 105.8

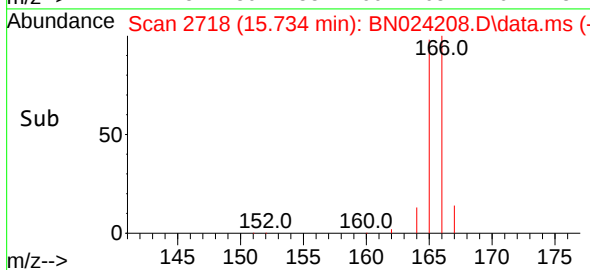
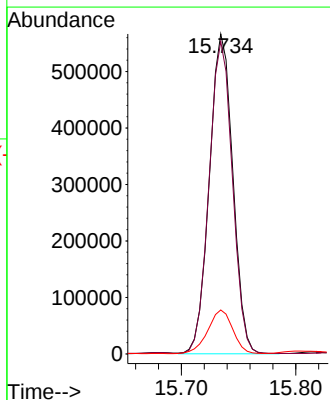
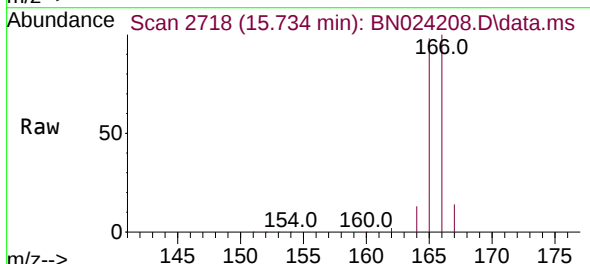
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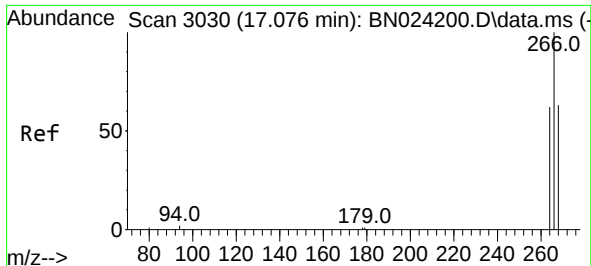
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#12
Fluorene
Concen: 11.855 ng/ul m
RT: 15.734 min Scan# 2718
Delta R.T. 0.000 min
Lab File: BN024208.D
Acq: 09 Mar 2023 20:18

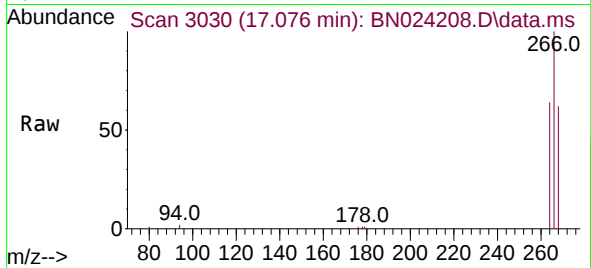
Tgt Ion:166 Resp: 810780
Ion Ratio Lower Upper
166 100
165 97.6 77.4 116.0
167 13.7 10.9 16.3





#14
Pentachlorophenol
Concen: 10.643 ng/ul m
RT: 17.076 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BN024208.D
Acq: 09 Mar 2023 20:18

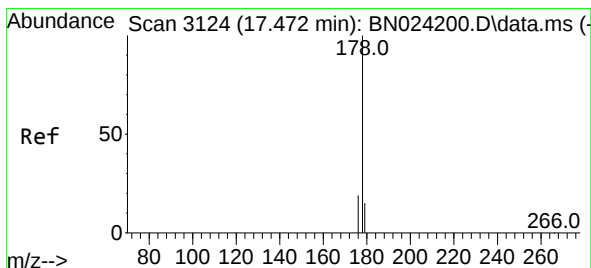
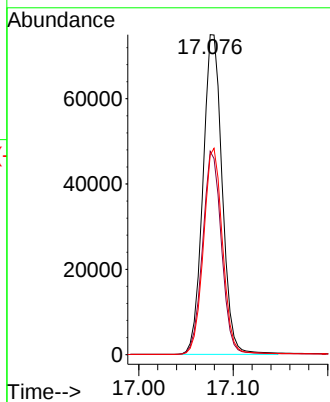
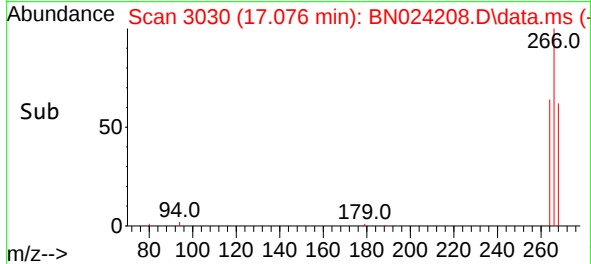
Instrument :
BNA_N
ClientSampleId :
DCAC1DL



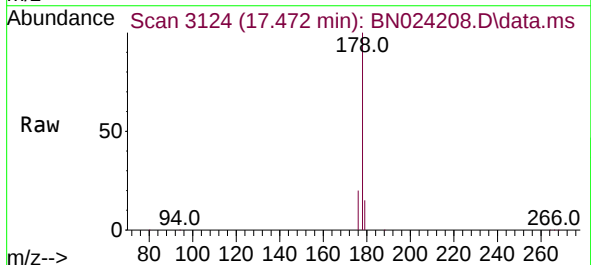
Tgt Ion:266 Resp: 106583
Ion Ratio Lower Upper
266 100
264 0.0 0.0 0.0
268 0.0 0.1 0.1

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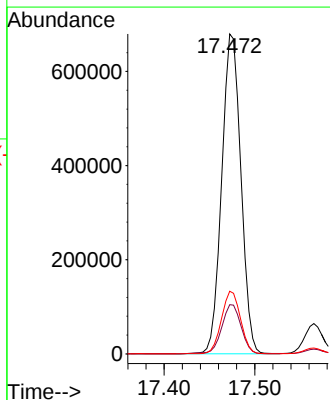
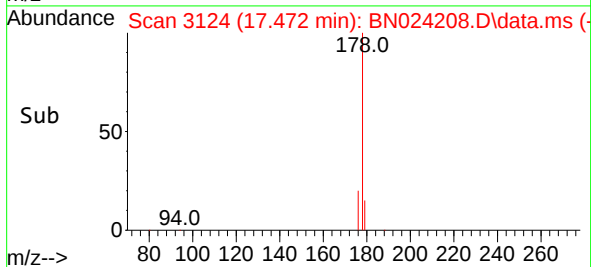
Reviewed By :Christian Giraldo 03/10/2023
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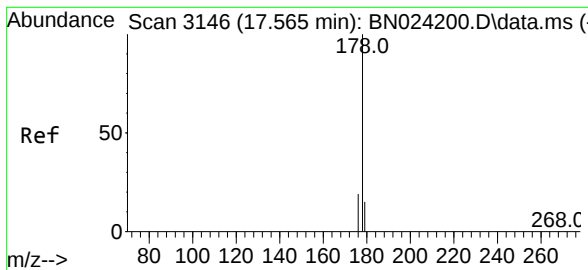


#15
Phenanthrene
Concen: 9.644 ng/ul m
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024208.D
Acq: 09 Mar 2023 20:18



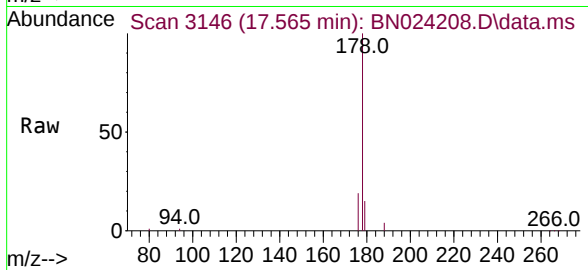
Tgt Ion:178 Resp: 995902
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.6 15.7 23.5





#16
 Anthracene
 Concen: 0.981 ng/ul m
 RT: 17.565 min Scan# 3146
 Delta R.T. 0.000 min
 Lab File: BN024208.D
 Acq: 09 Mar 2023 20:18

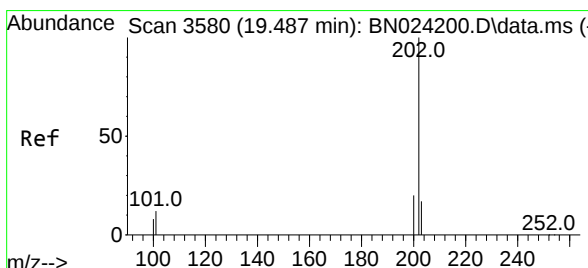
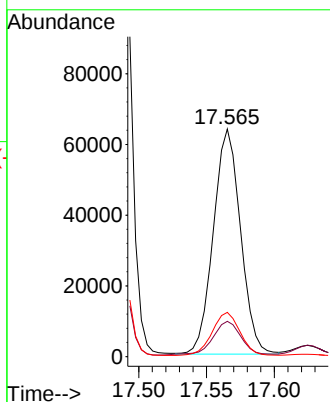
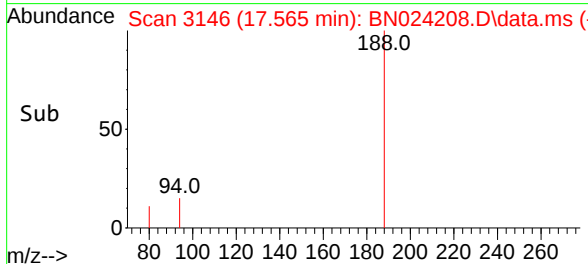
Instrument :
 BNA_N
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Tgt Ion:178 Resp: 88923
 Ion Ratio Lower Upper
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 179 15.5 12.3 18.5
 176 19.5 15.3 22.9

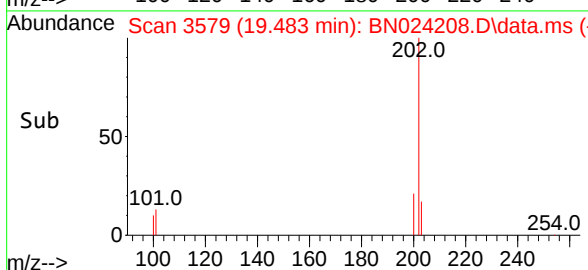
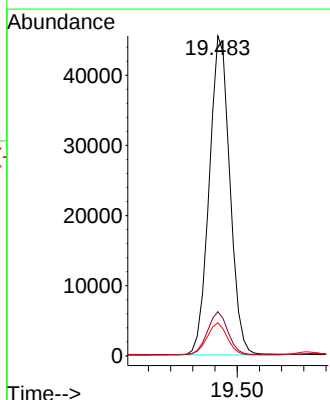
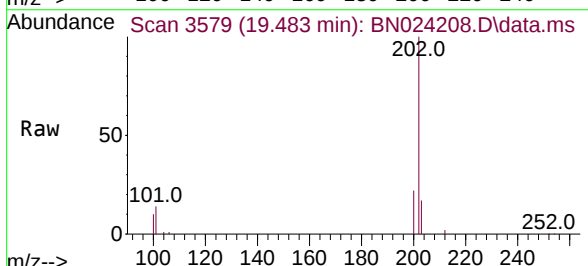
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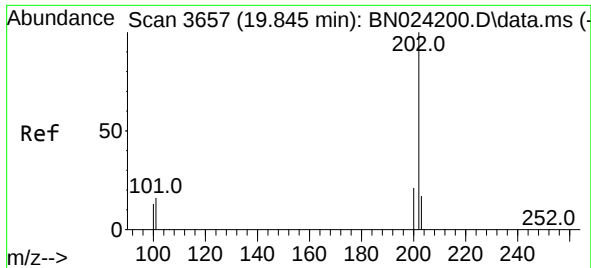
Reviewed By :Christian Giraldo 03/10/2023
 Supervised By :Jagrut Upadhyay 03/10/2023



#19
 Fluoranthene
 Concen: 0.601 ng/ul m
 RT: 19.483 min Scan# 3579
 Delta R.T. 0.000 min
 Lab File: BN024208.D
 Acq: 09 Mar 2023 20:18

Tgt Ion:202 Resp: 58602
 Ion Ratio Lower Upper
 202 100
 101 13.8 10.4 15.6
 100 10.3 7.7 11.5





#20

Pyrene

Concen: 0.293 ng/ul

RT: 19.845 min Scan# 30

Delta R.T. 0.000 min

Lab File: BN024208.D

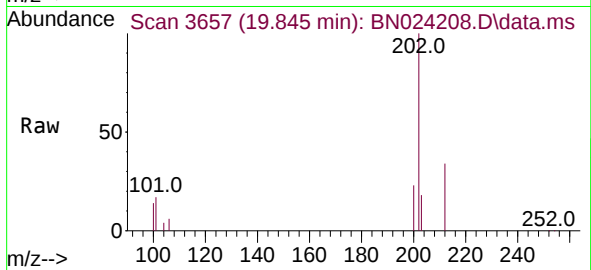
Acq: 09 Mar 2023 20:18

Instrument :

BNA_N

ClientSampleId :

DCAC1DL



Tgt Ion:202 Resp: 2897

Ion Ratio Lower Upper

202 100

101 17.1 12.1 18.1

100 13.8 9.4 14.0

Manual Integrations

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