

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024209.D
 Acq On : 09 Mar 2023 20:55
 Operator : CG/JU
 Sample : 01746-05DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAD5DL

Manual Integrations
 APPROVED

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

Quant Time: Mar 10 02:25:33 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	9566	0.400	ng/u1	0.00
4) Naphthalene-d8	10.872	136	28753	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.689	164	16027	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.430	188	32895	0.400	ng/u1	0.00
17) Chrysene-d12	21.615	240	22225	0.400	ng/u1	0.00
23) Perylene-d12	24.120	264	16791	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	4039	0.384	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.451	152	2141	0.063	ng/u1	0.00
18) Fluoranthene-d10	19.455	212	4493	0.076	ng/u1	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.922	128	2565528	35.747	ng/u1	100
7) 2-Methylnaphthalene	12.528	142	150704	3.461	ng/u1	100
8) 1-Methylnaphthalene	12.742	142	92588	2.023	ng/u1	100
10) Acenaphthylene	14.407	152	33161	0.496	ng/u1	99
11) Acenaphthene	14.749	153	128094	2.486	ng/u1	98
12) Fluorene	15.735	166	173408	3.014	ng/u1	100
14) Pentachlorophenol	17.076	266	6172	0.676	ng/u1#	73
15) Phenanthrene	17.472	178	86017	0.913	ng/u1	100
16) Anthracene	17.565	178	6588	0.080	ng/u1	97
19) Fluoranthene	19.483	202	11009	0.124	ng/u1	97
20) Pyrene	19.845	202	6326m	0.070	ng/u1	

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

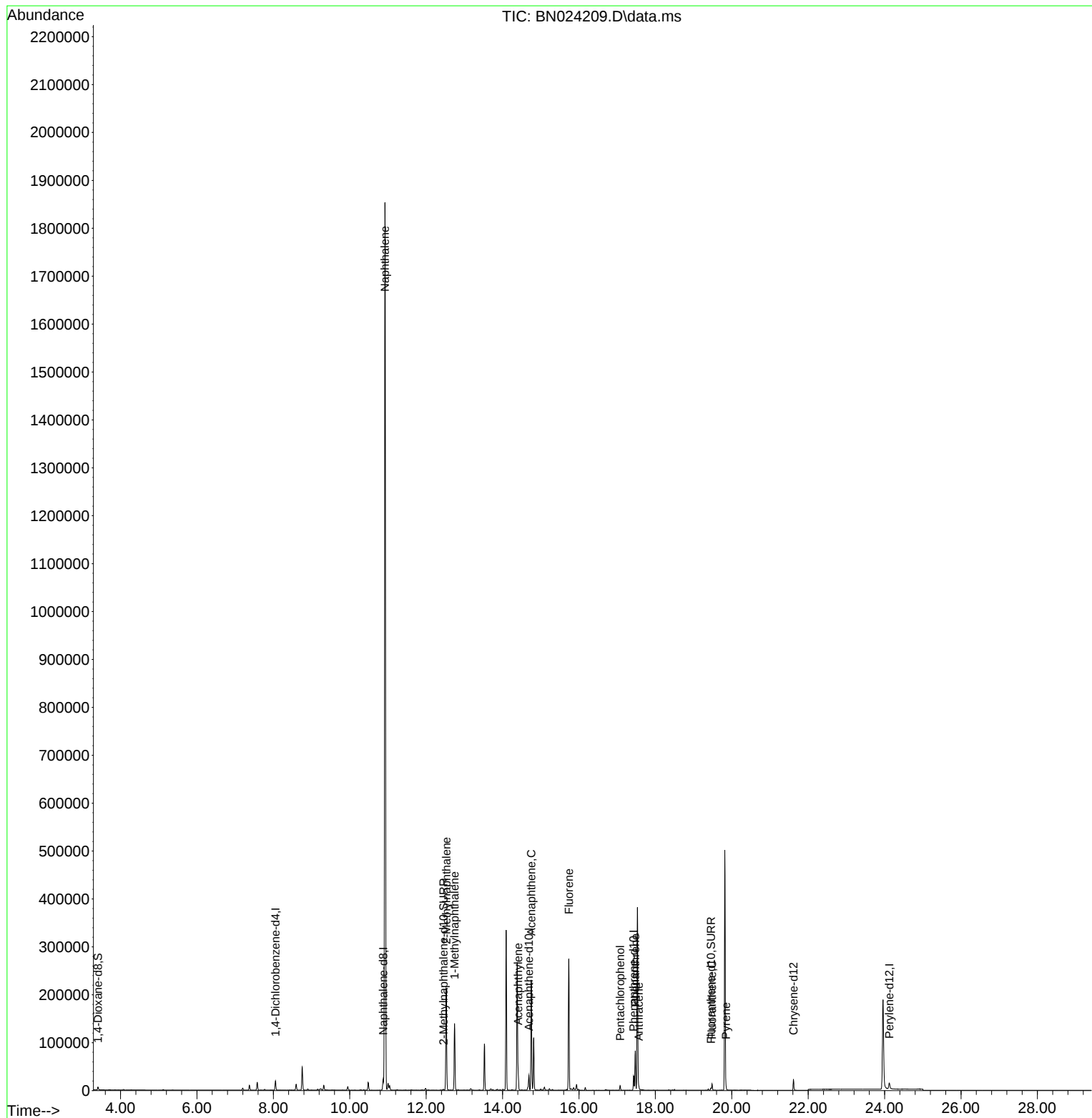
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024209.D
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ALS Vial : 48 Sample Multiplier: 1

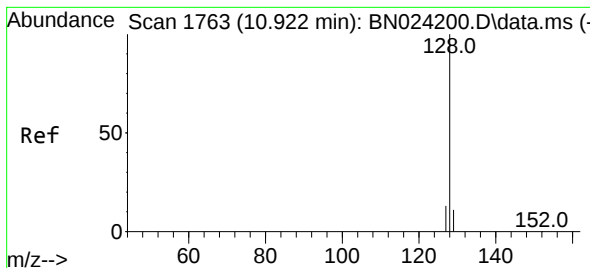
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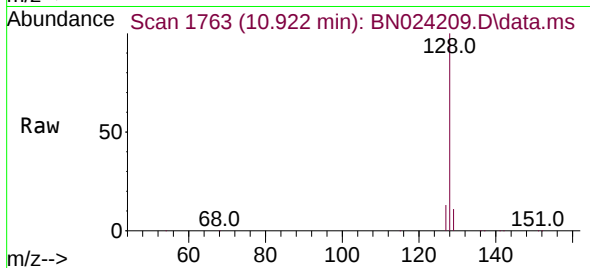
Quant Time: Mar 10 02:25:33 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 08:02:24 2023
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#5
Naphthalene
Concen: 35.747 ng/ul
RT: 10.922 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55

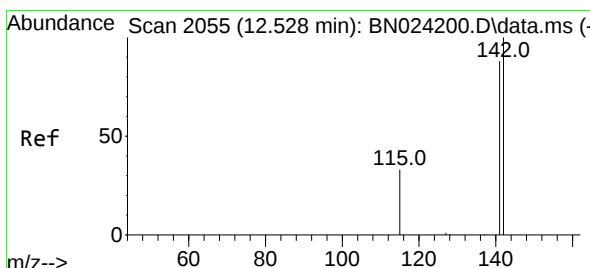
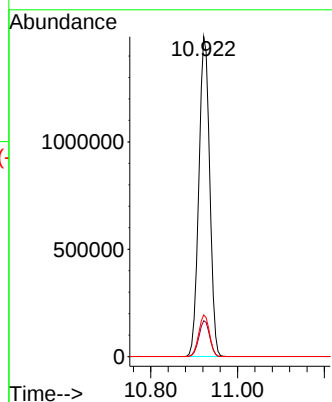
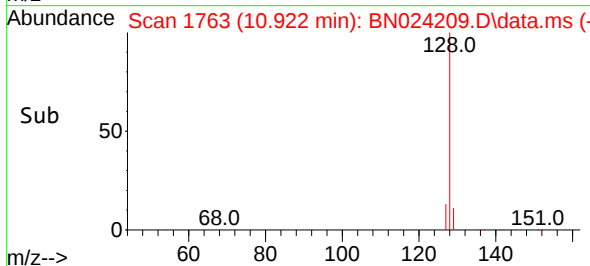
Instrument :
BNA_N
ClientSampleId :
DCAD5DL



Tgt Ion:128 Resp: 2565528
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.0 10.5 15.7

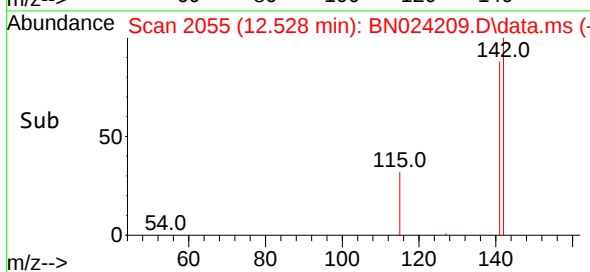
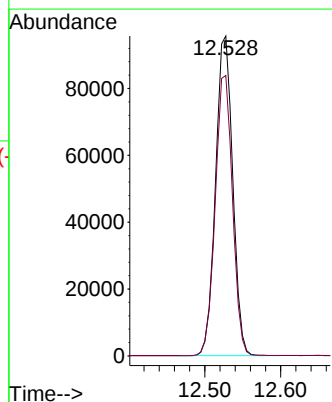
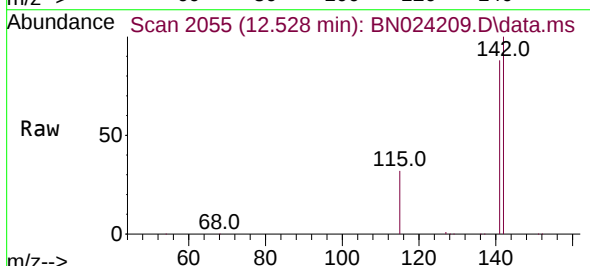
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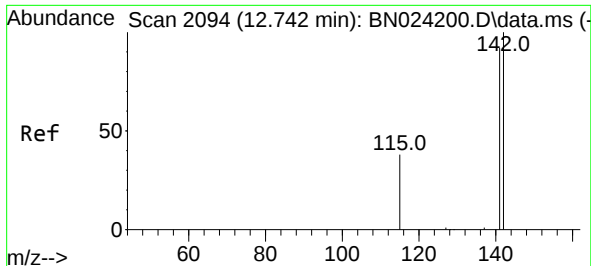
Reviewed By :Christian Giraldo 03/10/2023
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#7
2-Methylnaphthalene
Concen: 3.461 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55

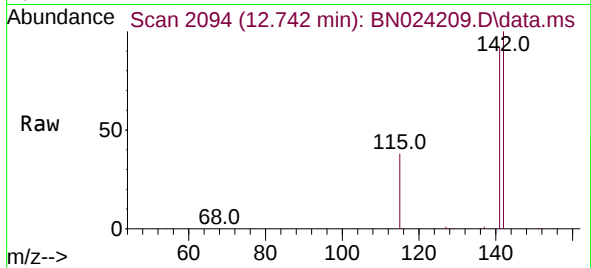
Tgt Ion:142 Resp: 150704
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5





#8
1-Methylnaphthalene
Concen: 2.023 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55

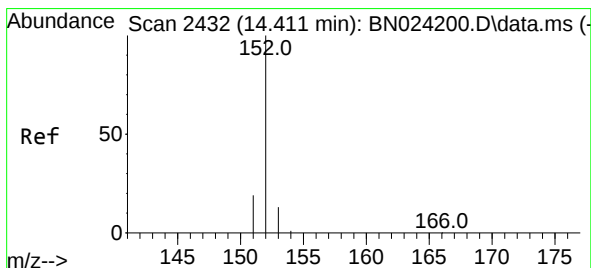
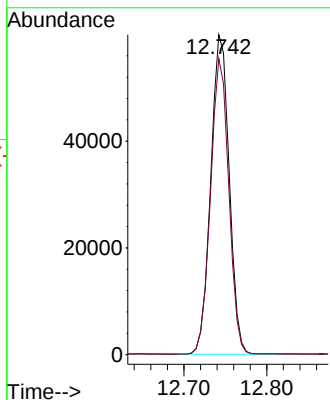
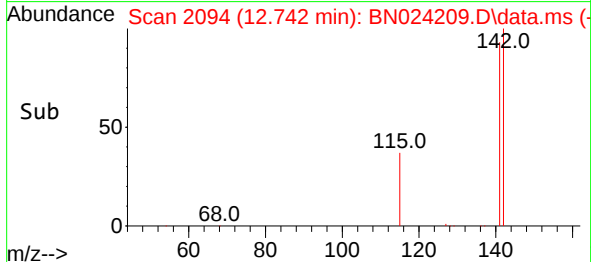
Instrument :
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ClientSampleId :
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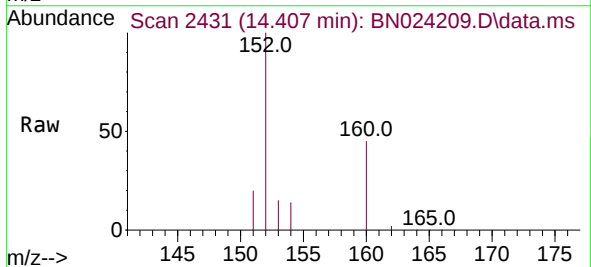
Tgt Ion:142 Resp: 92588
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.6

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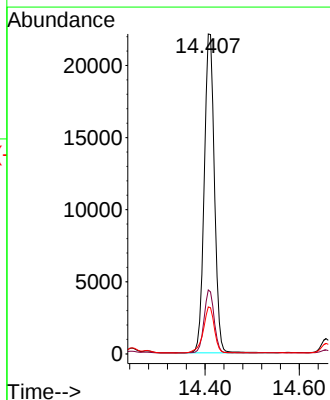
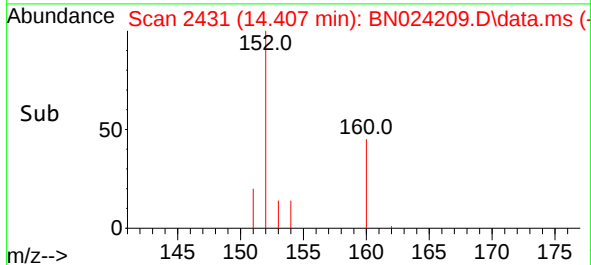
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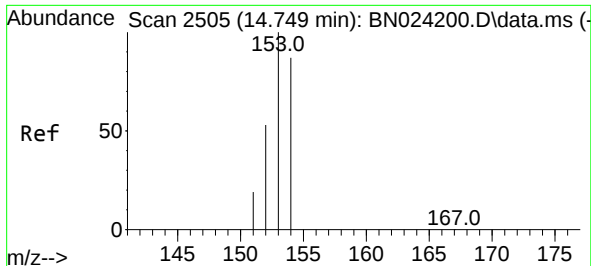


#10
Acenaphthylene
Concen: 0.496 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55



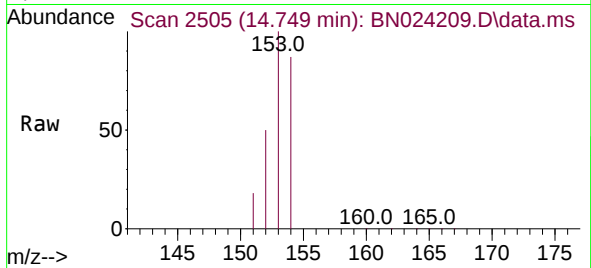
Tgt Ion:152 Resp: 33161
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 14.7 10.6 16.0





#11
Acenaphthene
Concen: 2.486 ng/ul
RT: 14.749 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55

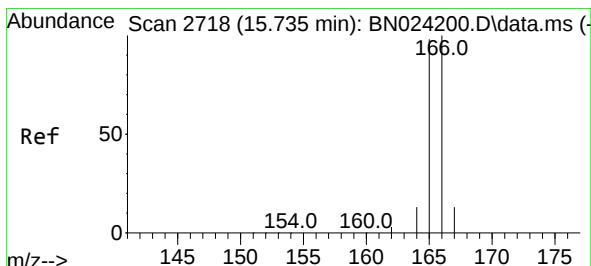
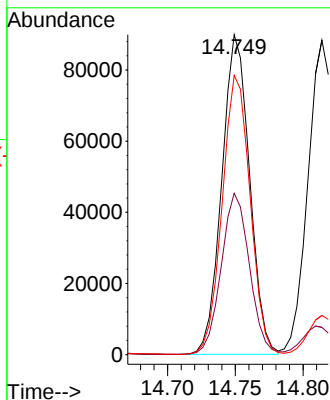
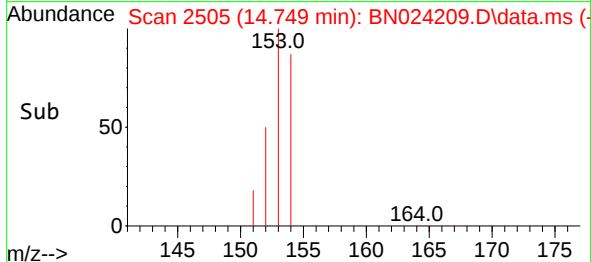
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 128094
Ion Ratio Lower Upper
153 100
152 50.4 42.6 64.0
154 87.3 70.6 105.8

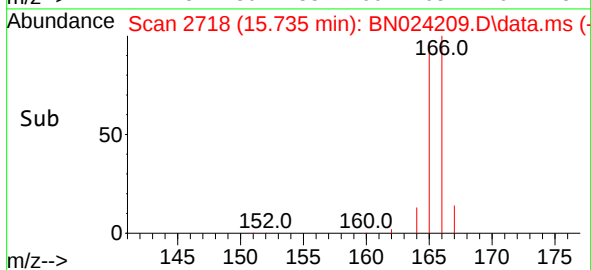
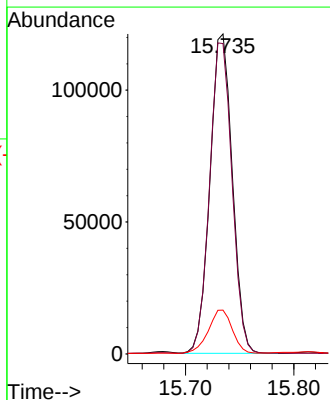
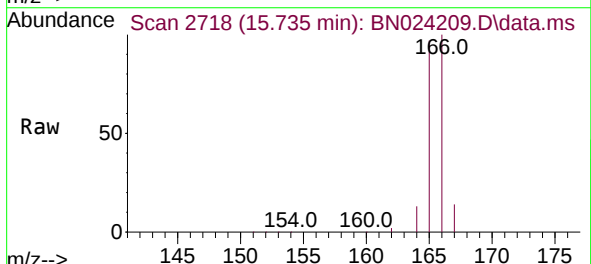
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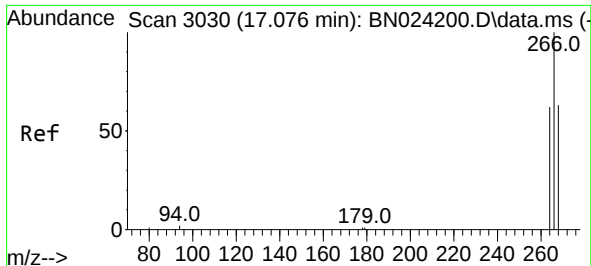
Reviewed By :Christian Giraldo 03/10/2023
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#12
Fluorene
Concen: 3.014 ng/ul
RT: 15.735 min Scan# 2718
Delta R.T. 0.000 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55

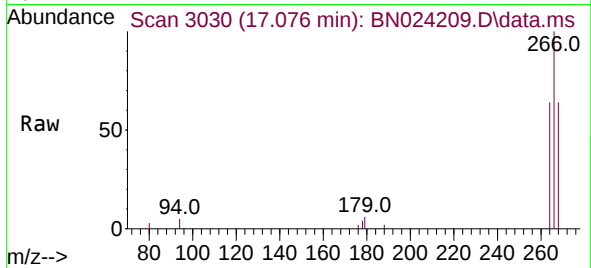
Tgt Ion:166 Resp: 173408
Ion Ratio Lower Upper
166 100
165 97.0 77.4 116.0
167 13.7 10.9 16.3





#14
Pentachlorophenol
Concen: 0.676 ng/ul
RT: 17.076 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55

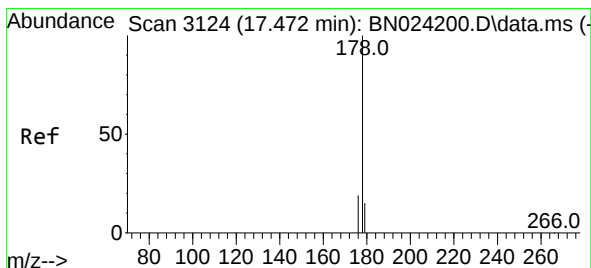
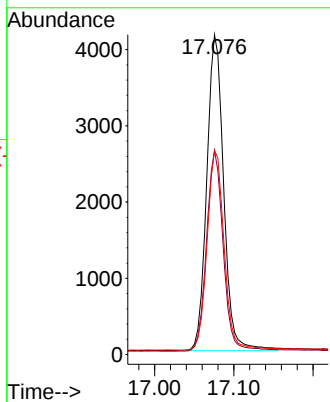
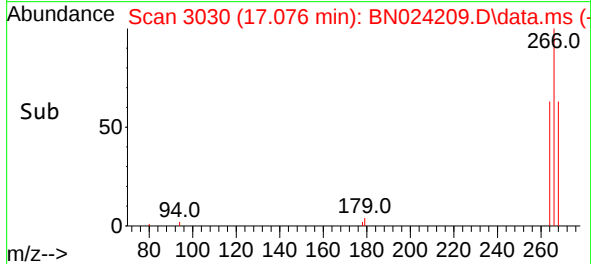
Instrument :
BNA_N
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DCAD5DL



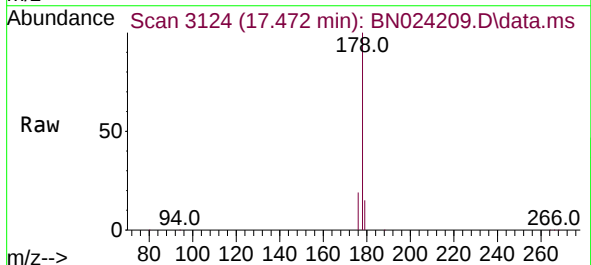
Tgt Ion:266 Resp: 6172
Ion Ratio Lower Upper
266 100
264 62.6 0.0 0.0
268 63.5 0.1 0.1

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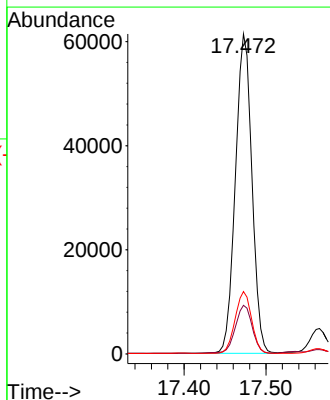
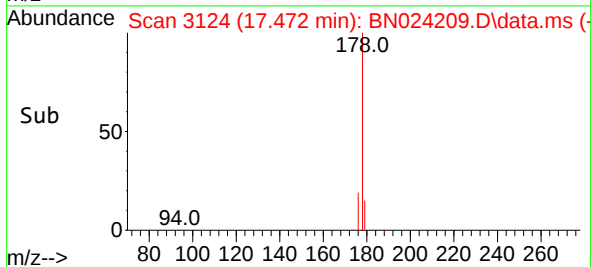
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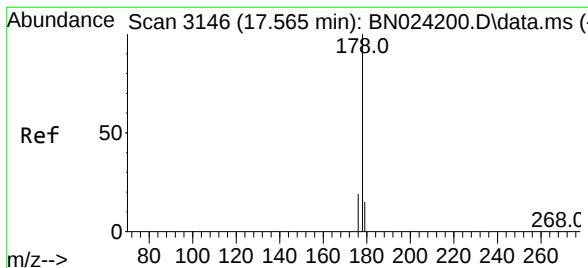


#15
Phenanthrene
Concen: 0.913 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55



Tgt Ion:178 Resp: 86017
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 19.5 15.7 23.5





#16

Anthracene

Concen: 0.080 ng/ul

RT: 17.565 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BN024209.D

Acq: 09 Mar 2023 20:55

Instrument :

BNA_N

ClientSampleId :

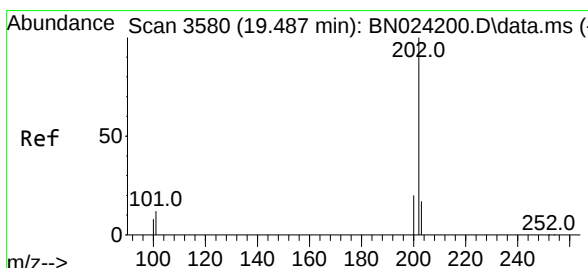
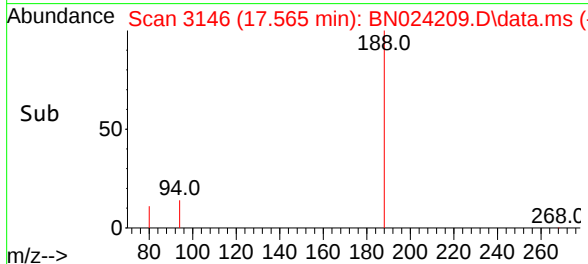
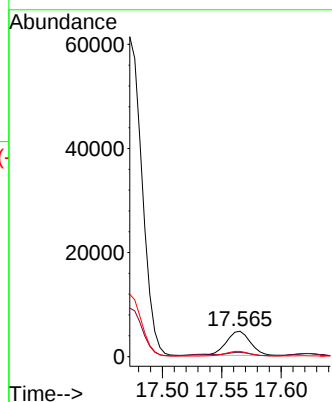
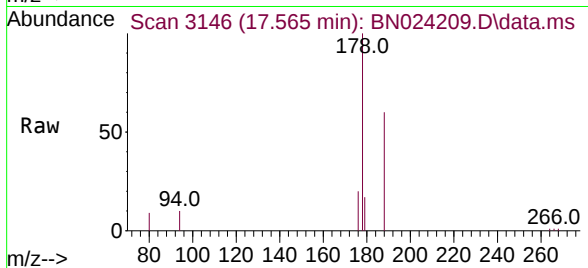
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Tgt Ion:178	Resp:	6588
Ion Ratio	Lower	Upper
178	100	
179	17.0	12.3 18.5
176	20.5	15.3 22.9

Manual Integrations

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#19

Fluoranthene

Concen: 0.124 ng/ul

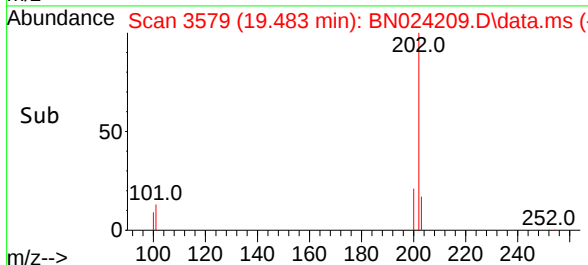
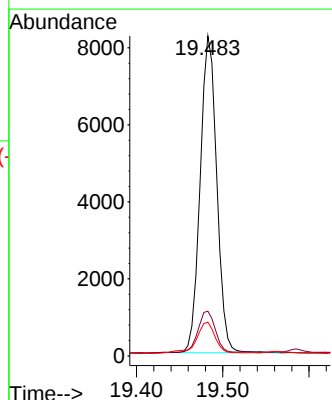
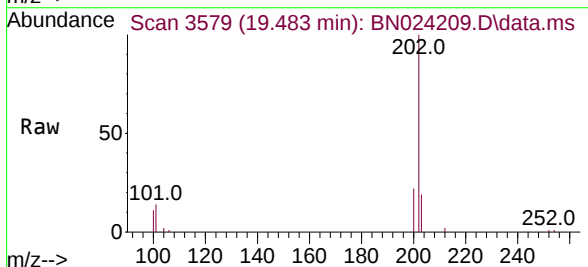
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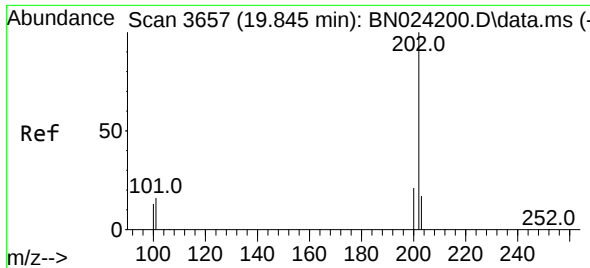
Delta R.T. 0.000 min

Lab File: BN024209.D

Acq: 09 Mar 2023 20:55

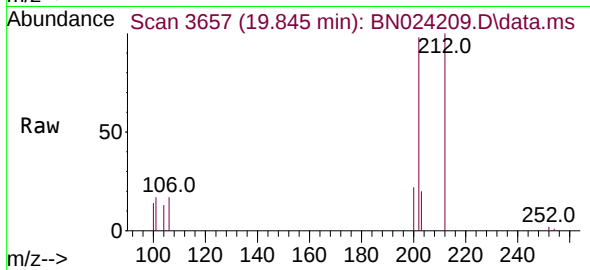
Tgt Ion:202	Resp:	11009
Ion Ratio	Lower	Upper
202	100	
101	14.0	10.4 15.6
100	10.6	7.7 11.5





#20
Pyrene
Concen: 0.070 ng/ul m
RT: 19.845 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN024209.D
Acq: 09 Mar 2023 20:55

Instrument :
BNA_N
ClientSampleId :
DCAD5DL



Tgt Ion:	202	Resp:	6326
Ion Ratio	Lower	Upper	
202	100		
101	17.1	12.1	18.1
100	14.6	9.4	14.0

Manual Integrations
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