

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024179.D
 Acq On : 08 Mar 2023 22:22
 Operator : CG/JU
 Sample : 01746-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAC1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/09/2023
 Supervised By : Jagrut Upadhyay 03/09/2023

Quant Time: Mar 09 03:52:01 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 03:48:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	8673	0.400	ng/u1	0.00
4) Naphthalene-d8	10.894	136	26543	0.400	ng/u1	# 0.02
9) Acenaphthene-d10	14.694	164	22619m	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.434	188	32798m	0.400	ng/u1	0.00
17) Chrysene-d12	21.624	240	23736m	0.400	ng/u1	0.00
23) Perylene-d12	24.132	264	20504m	0.400	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	43411	4.548	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.456	152	13500	0.428	ng/u1	0.00
18) Fluoranthene-d10	19.459	212	28988m	0.459	ng/u1	0.00
Target Compounds						
5) Naphthalene	10.955	128	35555184	536.657	ng/u1	Qvalue 95
7) 2-Methylnaphthalene	12.539	142	5197514	129.311	ng/u1	99
8) 1-Methylnaphthalene	12.753	142	4008952	94.906	ng/u1	99
10) Acenaphthylene	14.416	152	722864	7.659	ng/u1	98
11) Acenaphthene	14.763	153	5180778	71.255	ng/u1	97
12) Fluorene	15.744	166	3070366m	37.815	ng/u1	
14) Pentachlorophenol	17.084	266	466942m	51.257	ng/u1	
15) Phenanthrene	17.481	178	3699169m	39.379	ng/u1	
16) Anthracene	17.569	178	388160m	4.709	ng/u1	
19) Fluoranthene	19.487	202	264294m	2.798	ng/u1	
20) Pyrene	19.850	202	123568	1.289	ng/u1	94

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

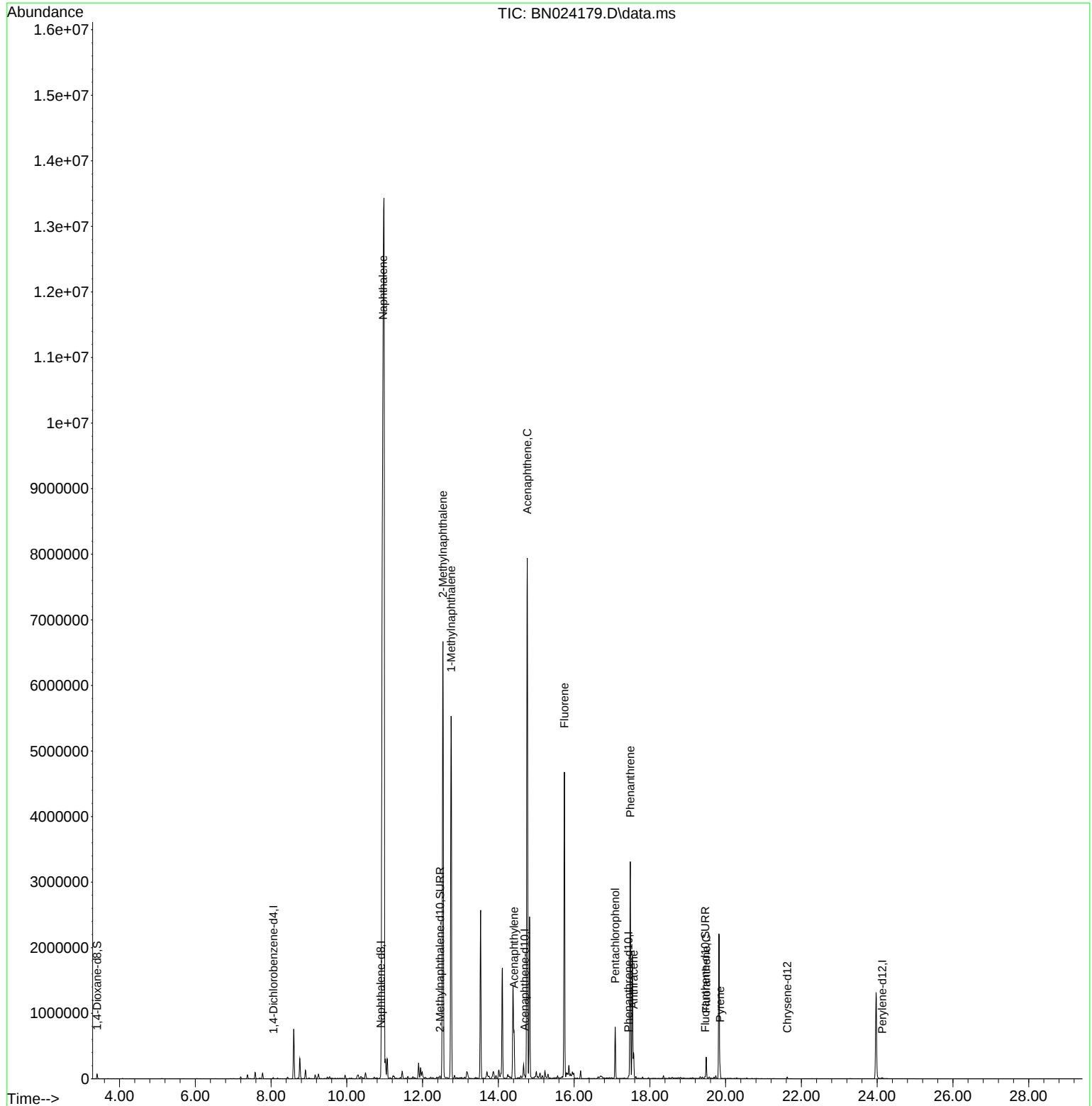
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024179.D
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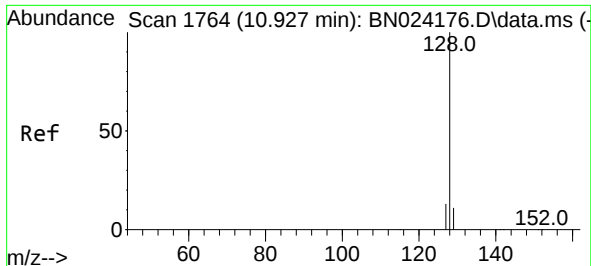
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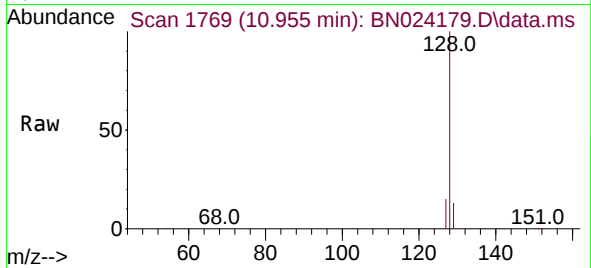
Quant Time: Mar 09 03:52:01 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 536.657 ng/ul
RT: 10.955 min Scan# 1769
Delta R.T. 0.027 min
Lab File: BN024179.D
Acq: 08 Mar 2023 22:22

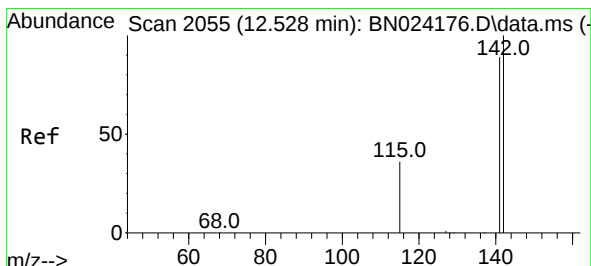
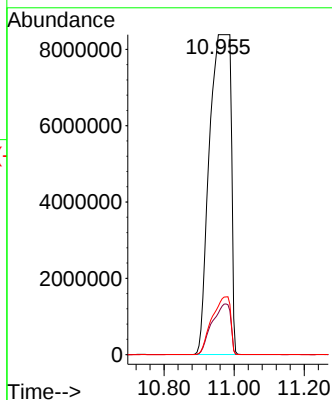
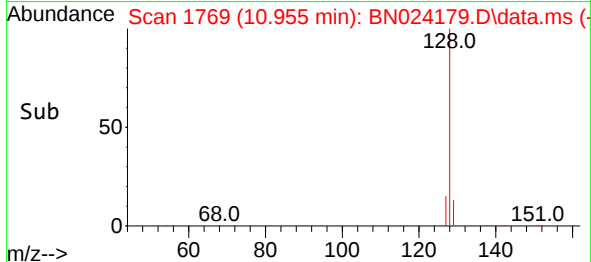
Instrument :
BNA_N
ClientSampleId :
DCAC1



Tgt Ion:128 Resp:35555184
Ion Ratio Lower Upper
128 100
129 13.0 9.0 13.6
127 15.1 10.5 15.7

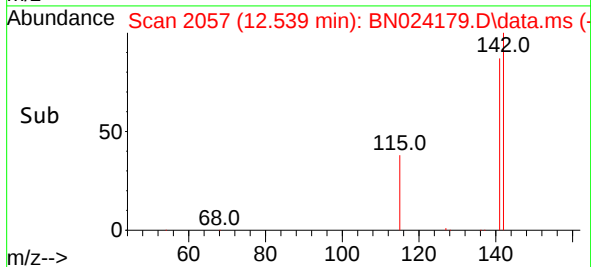
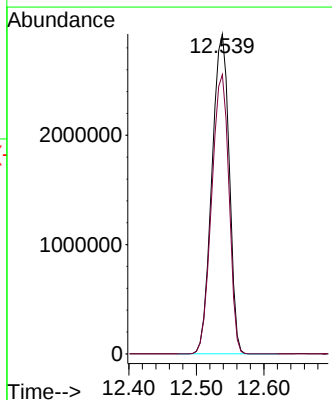
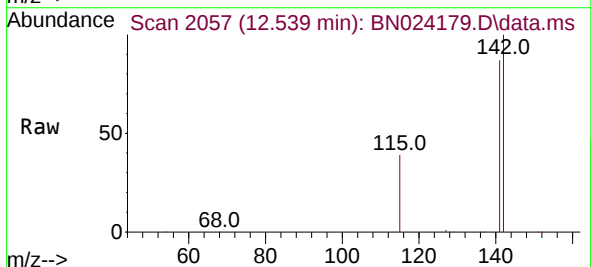
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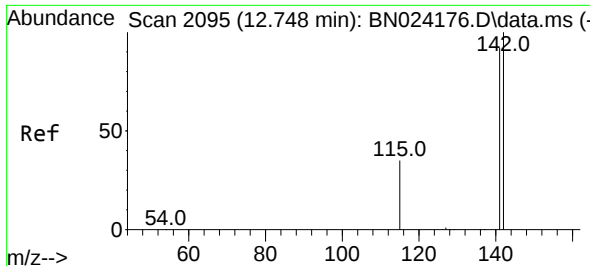
Reviewed By :Christian Giraldo 03/09/2023
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#7
2-Methylnaphthalene
Concen: 129.311 ng/ul
RT: 12.539 min Scan# 2057
Delta R.T. 0.011 min
Lab File: BN024179.D
Acq: 08 Mar 2023 22:22

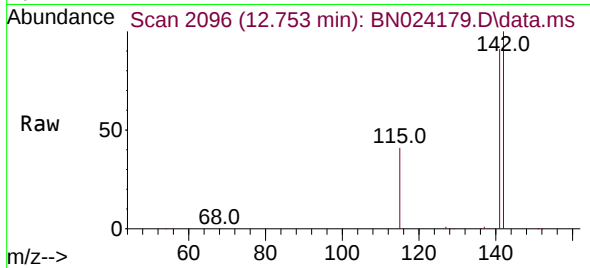
Tgt Ion:142 Resp: 5197514
Ion Ratio Lower Upper
142 100
141 87.1 70.3 105.5





#8
1-Methylnaphthalene
Concen: 94.906 ng/ul
RT: 12.753 min Scan# 2096
Delta R.T. 0.005 min
Lab File: BN024179.D
Acq: 08 Mar 2023 22:22

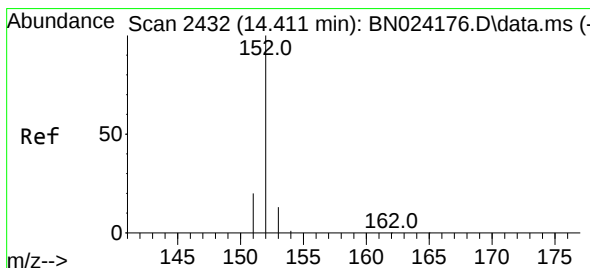
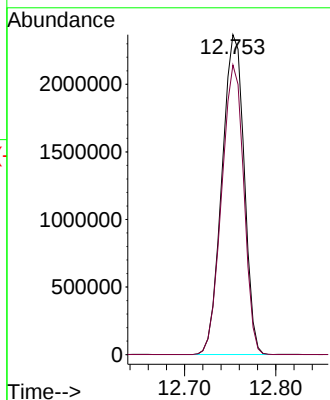
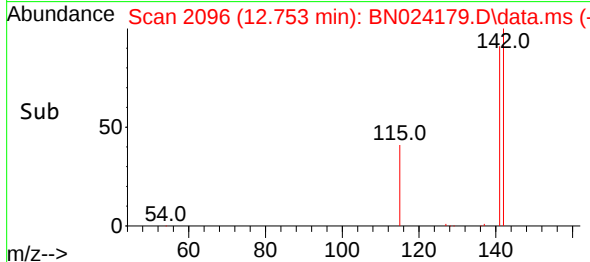
Instrument :
BNA_N
ClientSampleId :
DCAC1



Tgt Ion:142 Resp: 4008952
Ion Ratio Lower Upper
142 100
141 90.0 73.0 109.6

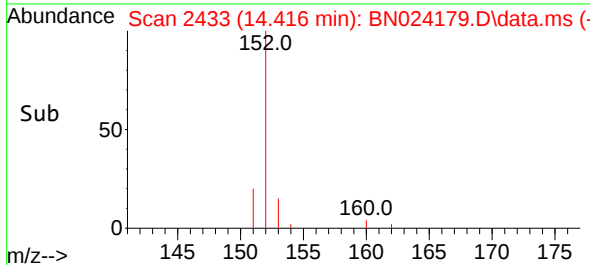
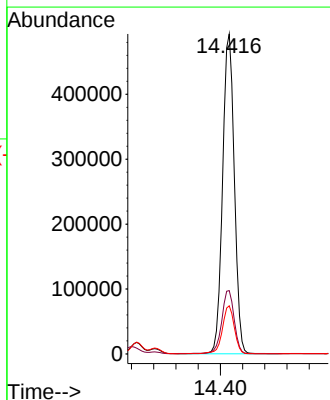
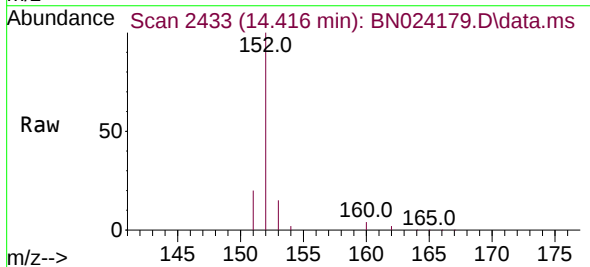
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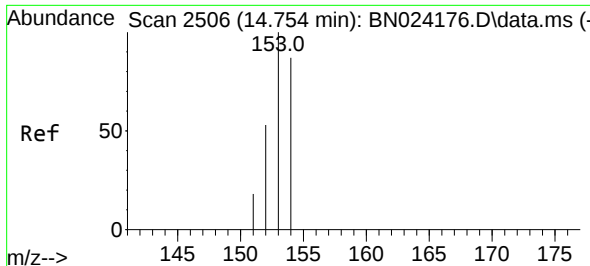
Reviewed By :Christian Giraldo 03/09/2023
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#10
Acenaphthylene
Concen: 7.659 ng/ul
RT: 14.416 min Scan# 2433
Delta R.T. 0.005 min
Lab File: BN024179.D
Acq: 08 Mar 2023 22:22

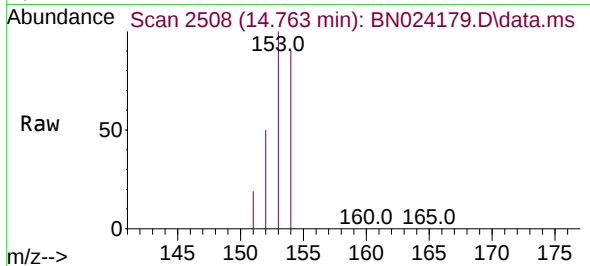
Tgt Ion:152 Resp: 722864
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 15.0 10.6 16.0





#11
Acenaphthene
Concen: 71.255 ng/ul
RT: 14.763 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN024179.D
Acq: 08 Mar 2023 22:22

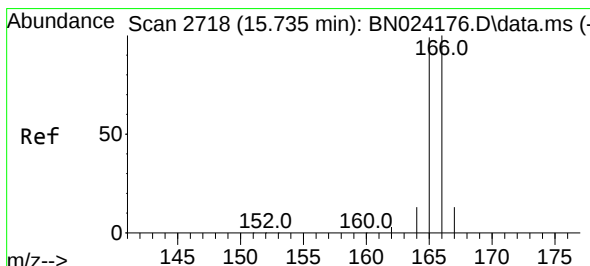
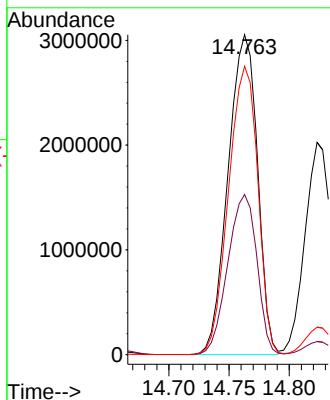
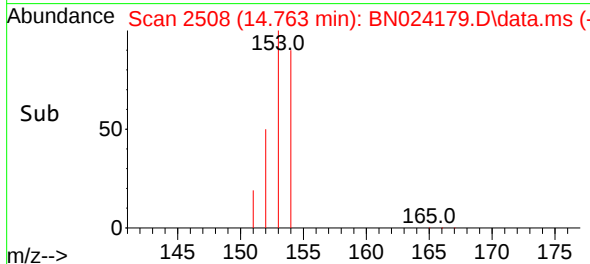
Instrument :
BNA_N
ClientSampleId :
DCAC1



Tgt Ion:153 Resp: 5180778
Ion Ratio Lower Upper
153 100
152 50.0 42.6 64.0
154 90.1 70.6 105.8

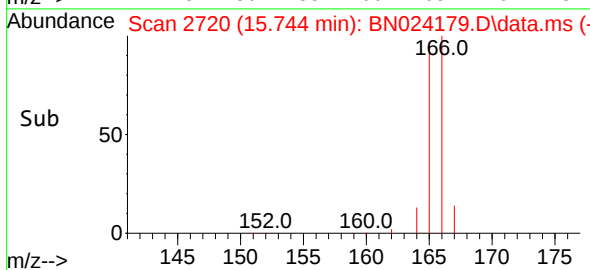
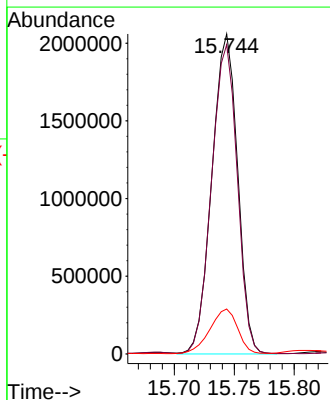
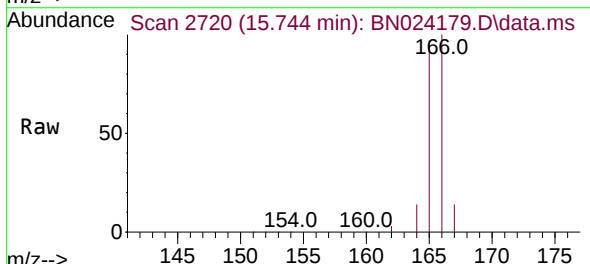
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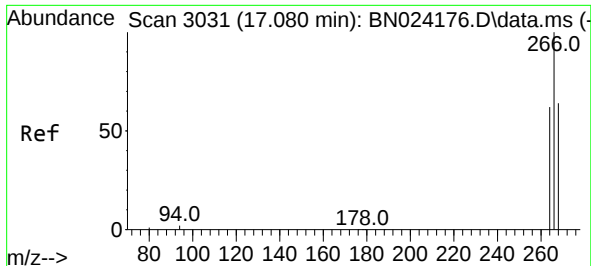
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#12
Fluorene
Concen: 37.815 ng/ul m
RT: 15.744 min Scan# 2720
Delta R.T. 0.009 min
Lab File: BN024179.D
Acq: 08 Mar 2023 22:22

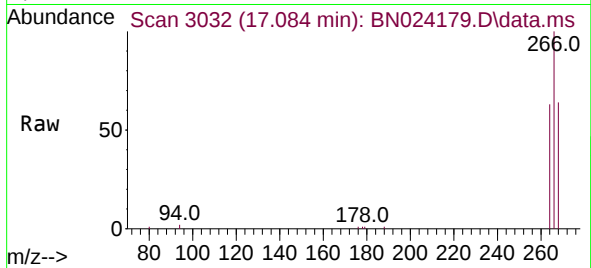
Tgt Ion:166 Resp: 3070366
Ion Ratio Lower Upper
166 100
165 96.6 77.4 116.0
167 14.0 10.9 16.3





#14
Pentachlorophenol
Concen: 51.257 ng/ul m
RT: 17.084 min Scan# 3031
Delta R.T. 0.004 min
Lab File: BN024179.D
Acq: 08 Mar 2023 22:22

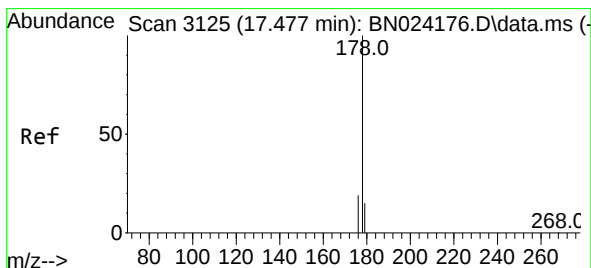
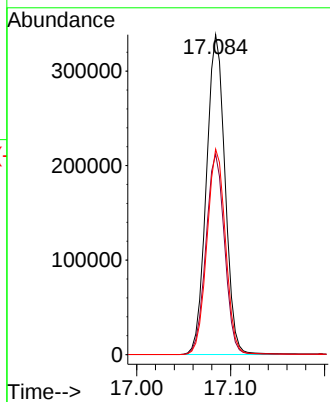
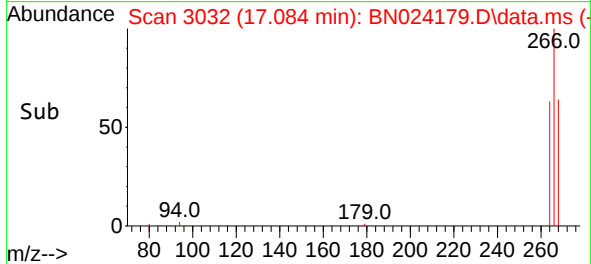
Instrument :
BNA_N
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DCAC1



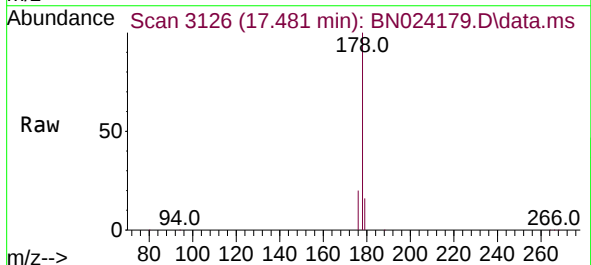
Tgt Ion:266 Resp: 466942
Ion Ratio Lower Upper
266 100
264 0.0 0.0 0.0
268 0.0 0.1 0.1

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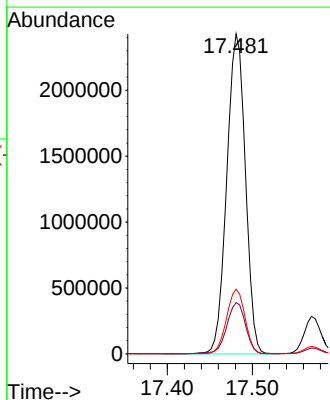
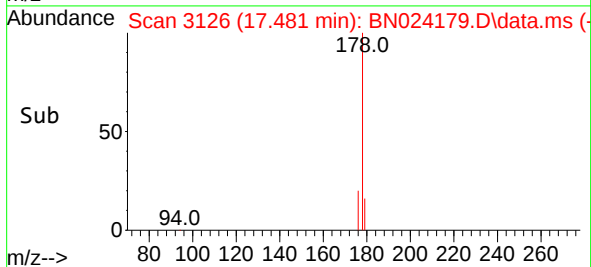
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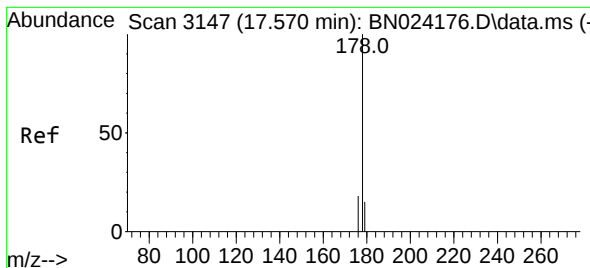


#15
Phenanthrene
Concen: 39.379 ng/ul m
RT: 17.481 min Scan# 3126
Delta R.T. 0.004 min
Lab File: BN024179.D
Acq: 08 Mar 2023 22:22



Tgt Ion:178 Resp: 3699169
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.2
176 20.2 15.7 23.5





#16

Anthracene

Concen: 4.709 ng/ul m

RT: 17.569 min Scan# 3147

Delta R.T. -0.000 min

Lab File: BN024179.D

Acq: 08 Mar 2023 22:22

Instrument :

BNA_N

ClientSampleId :

DCAC1

Tgt Ion:178 Resp: 388160

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

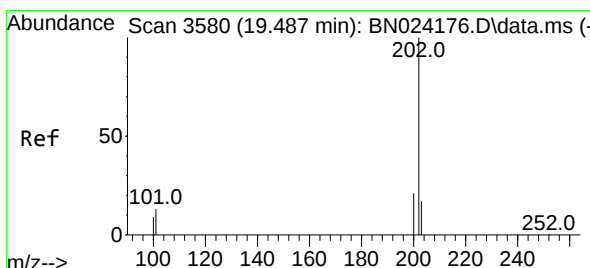
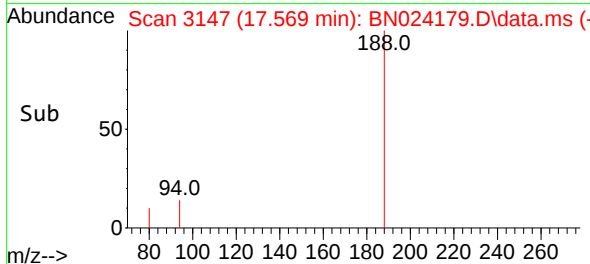
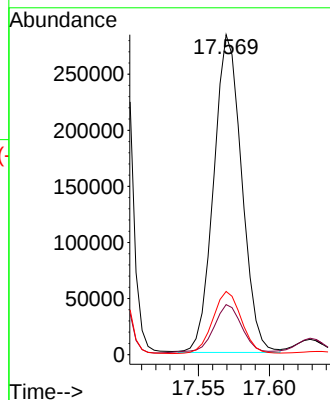
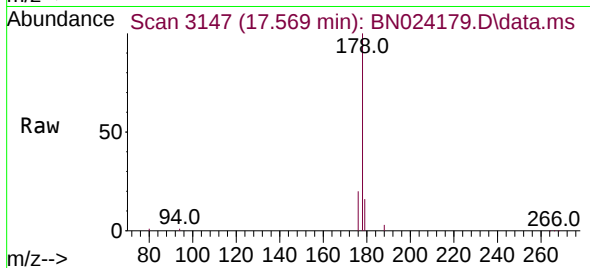
176 19.7 15.3 22.9

Manual Integrations

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#19

Fluoranthene

Concen: 2.798 ng/ul m

RT: 19.487 min Scan# 3580

Delta R.T. -0.000 min

Lab File: BN024179.D

Acq: 08 Mar 2023 22:22

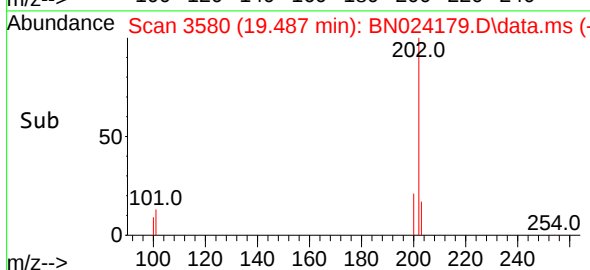
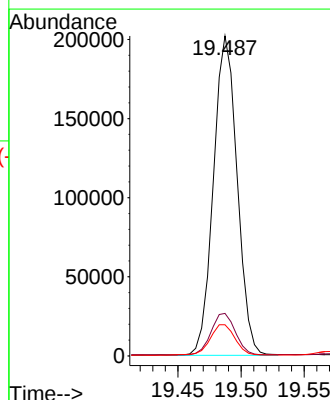
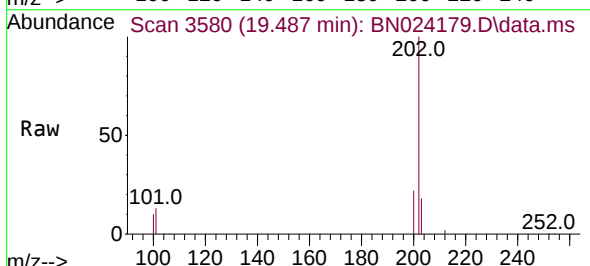
Tgt Ion:202 Resp: 264294

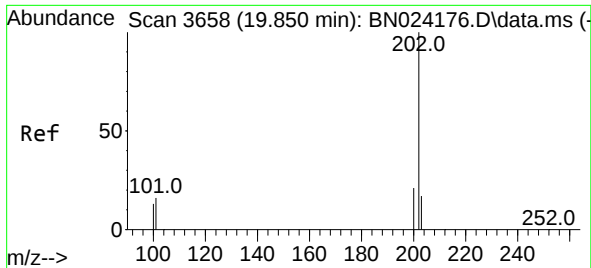
Ion Ratio Lower Upper

202 100

101 13.3 10.4 15.6

100 9.7 7.7 11.5





#20

Pyrene

Concen: 1.289 ng/ul

RT: 19.850 min Scan# 30

Delta R.T. -0.000 min

Lab File: BN024179.D

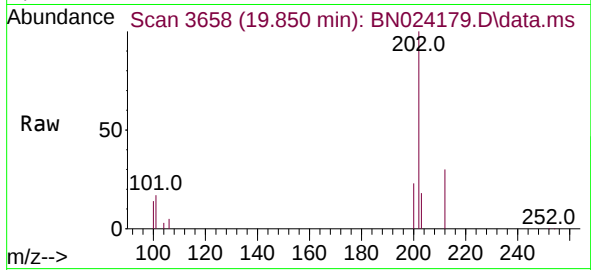
Acq: 08 Mar 2023 22:22

Instrument :

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Tgt Ion:202 Resp: 123568

Ion Ratio Lower Upper

202 100

101 17.3 12.1 18.1

100 14.0 9.4 14.0

Manual Integrations

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