

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033075.D
 Acq On : 29 Jul 2024 19:38
 Operator : MA/JU
 Sample : P3347-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 29 23:07:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.503	152	2269	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.256	136	8216	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.143	164	5495	0.400	ng/ul	#-0.03
13) Phenanthrene-d10	16.907	188	11803m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.137	240	12423m	0.400	ng/ul	-0.02
23) Perylene-d12	23.314	264	10754m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	13197	4.598	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.884	152	4592	0.343	ng/ul	-0.03
18) Fluoranthene-d10	18.953	212	14795	0.421	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.306	128	10666	0.506	ng/ul	96
7) 2-Methylnaphthalene	11.961	142	291	0.020	ng/ul	98
8) 1-Methylnaphthalene	12.170	142	2895	0.187	ng/ul	100
10) Acenaphthylene	13.861	152	1037	0.046	ng/ul#	62
11) Acenaphthene	14.203	153	12502	0.739	ng/ul	99
12) Fluorene	15.203	166	3363	0.171	ng/ul#	96
14) Pentachlorophenol	16.561	266	520184m	216.463	ng/ul	
15) Phenanthrene	16.945	178	754m	0.024	ng/ul	
16) Anthracene	17.038	178	30935m	1.087	ng/ul	
19) Fluoranthene	18.986	202	1203	0.029	ng/ul#	48
20) Pyrene	19.344	202	6207	0.142	ng/ul#	79

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

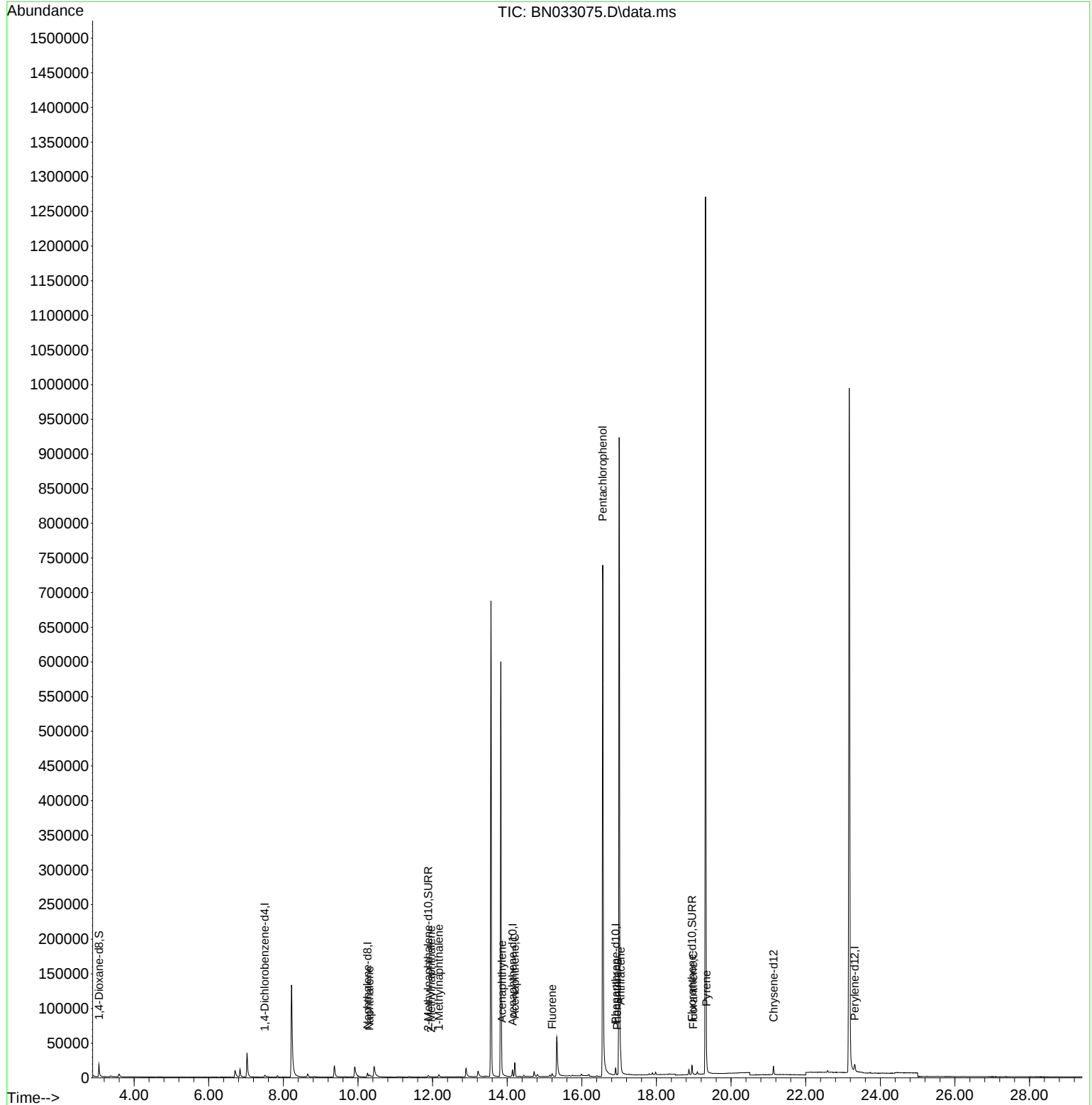
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033075.D
Acq On : 29 Jul 2024 19:38
Operator : MA/JU
Sample : P3347-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

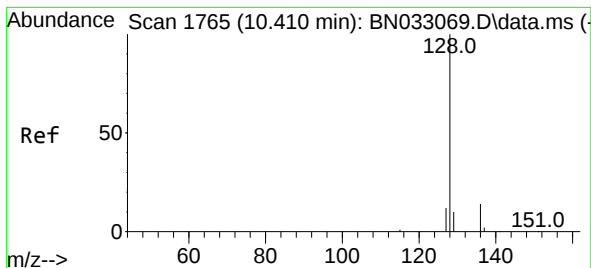
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Response via : Initial Calibration





#5

Naphthalene

Concen: 0.506 ng/ul

RT: 10.306 min Scan# 1765

Delta R.T. -0.044 min

Lab File: BN033075.D

Acq: 29 Jul 2024 19:38

Instrument :

BNA_N

ClientSampleId :

C0AX4

Tgt Ion:128 Resp: 1066

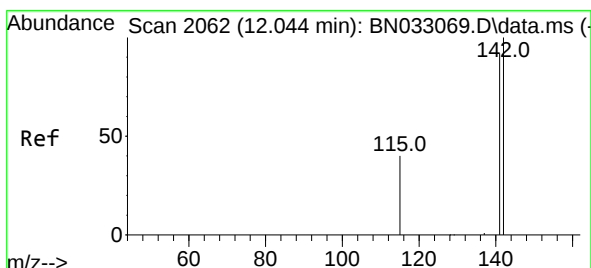
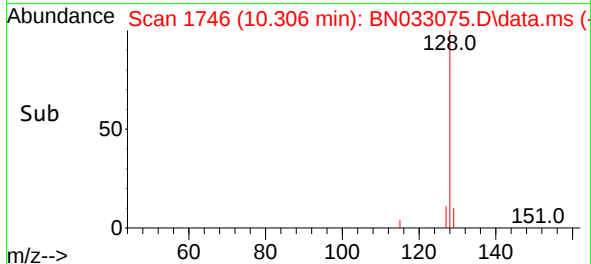
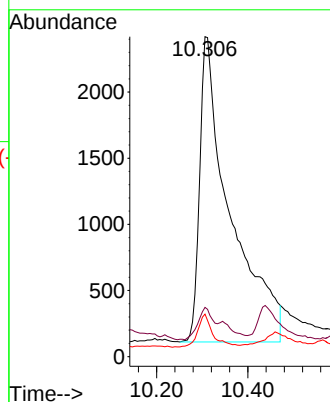
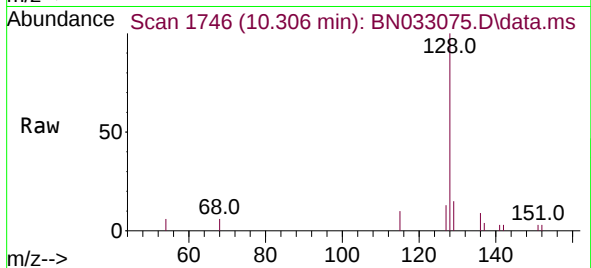
Ion	Ratio	Lower	Upper
128	100		
129	15.4	12.0	18.0
127	13.3	12.7	19.1

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#7

2-Methylnaphthalene

Concen: 0.020 ng/ul

RT: 11.961 min Scan# 2047

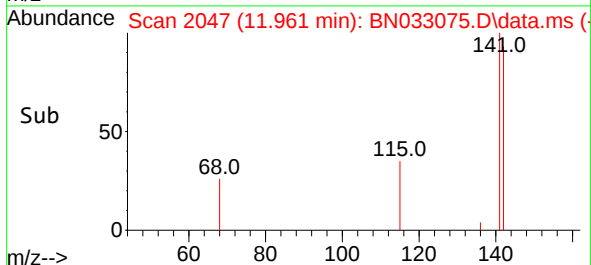
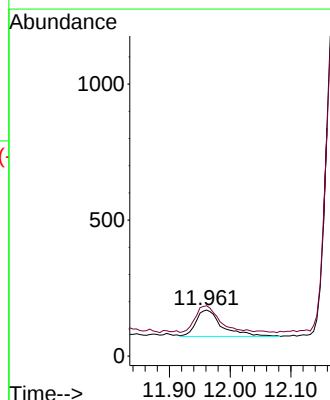
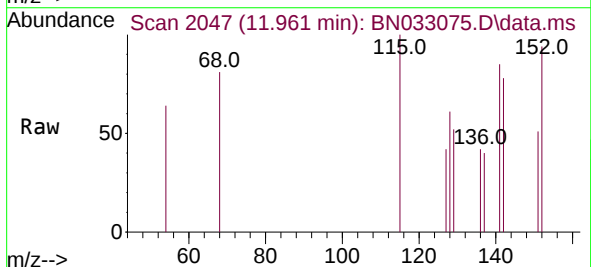
Delta R.T. -0.022 min

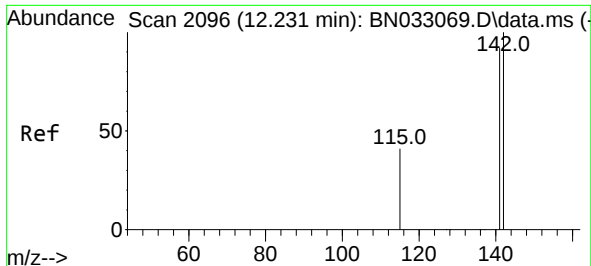
Lab File: BN033075.D

Acq: 29 Jul 2024 19:38

Tgt Ion:142 Resp: 291

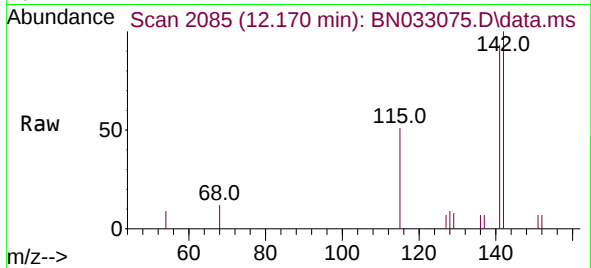
Ion	Ratio	Lower	Upper
142	100		
141	92.1	75.2	112.8





#8
1-Methylnaphthalene
Concen: 0.187 ng/ul
RT: 12.170 min Scan# 2096
Delta R.T. -0.027 min
Lab File: BN033075.D
Acq: 29 Jul 2024 19:38

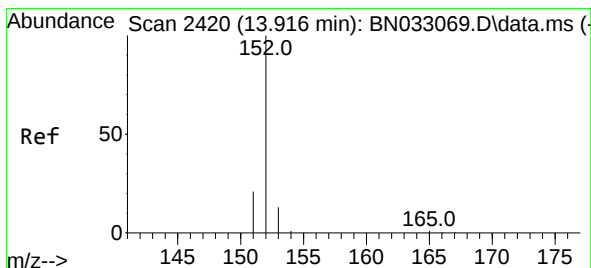
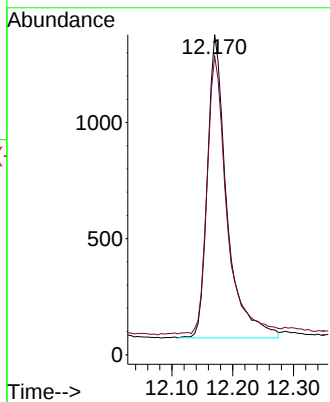
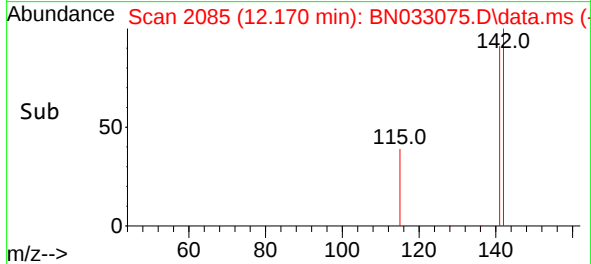
Instrument :
BNA_N
ClientSampleId :
C0AX4



Tgt Ion:142 Resp: 289
Ion Ratio Lower Upper
142 100
141 92.6 74.3 111.5

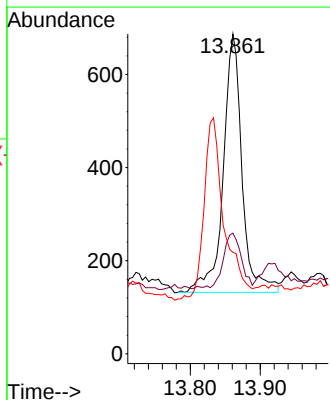
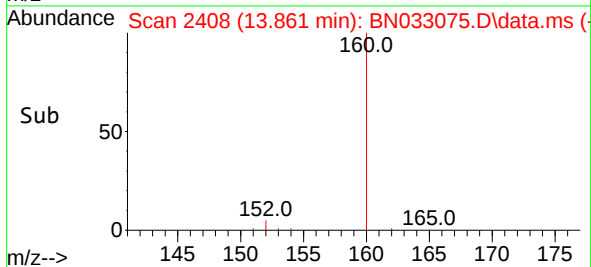
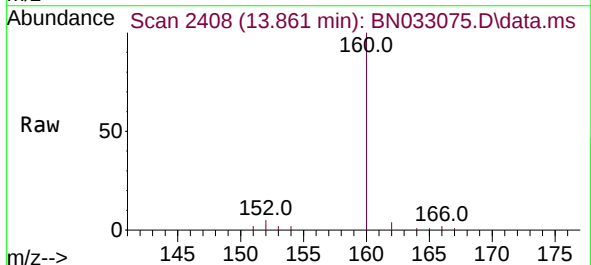
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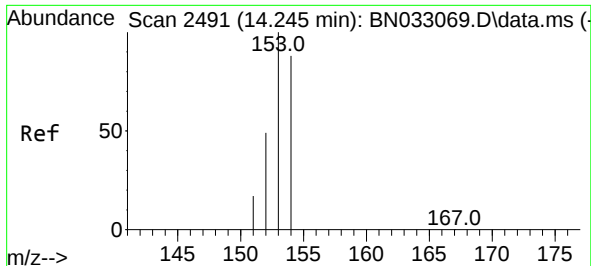
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Acenaphthylene
Concen: 0.046 ng/ul
RT: 13.861 min Scan# 2408
Delta R.T. -0.037 min
Lab File: BN033075.D
Acq: 29 Jul 2024 19:38

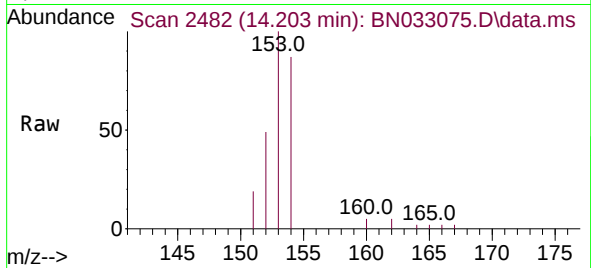
Tgt Ion:152 Resp: 1037
Ion Ratio Lower Upper
152 100
151 37.7 16.8 25.2#
153 31.7 11.9 17.9#





#11
Acenaphthene
Concen: 0.739 ng/ul
RT: 14.203 min Scan# 2491
Delta R.T. -0.032 min
Lab File: BN033075.D
Acq: 29 Jul 2024 19:38

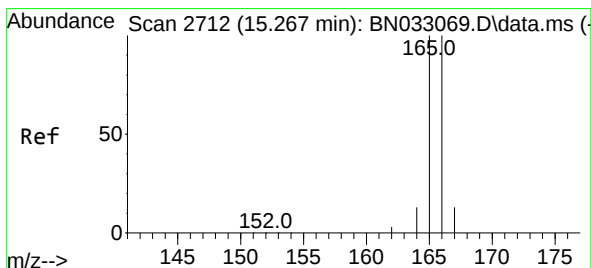
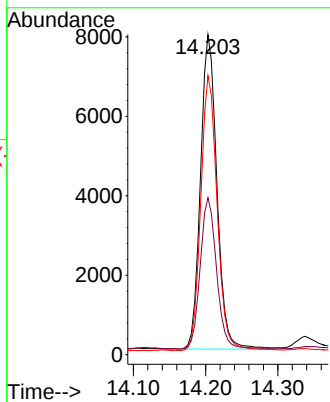
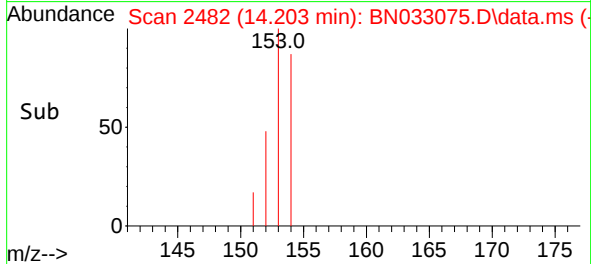
Instrument :
BNA_N
ClientSampleId :
C0AX4



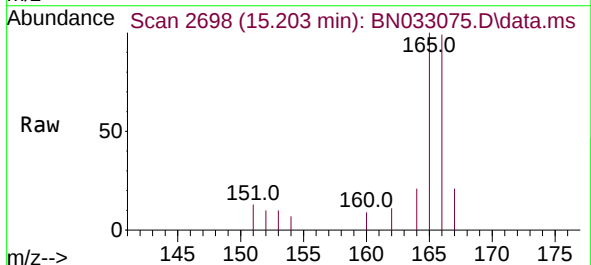
Tgt Ion:153 Resp: 12502
Ion Ratio Lower Upper
153 100
152 49.0 40.0 60.0
154 87.2 70.1 105.1

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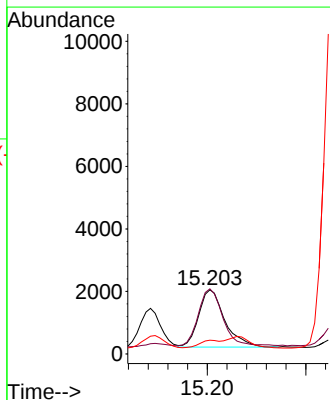
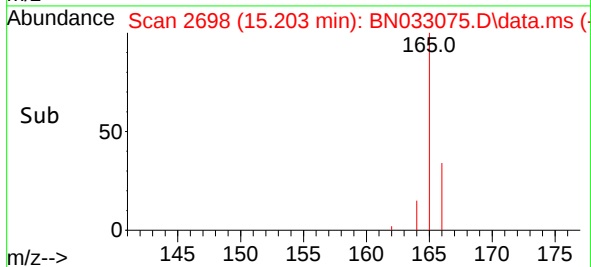
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

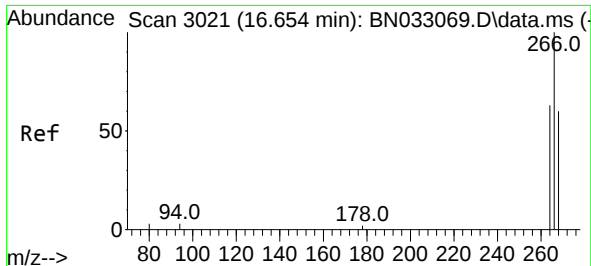


#12
Fluorene
Concen: 0.171 ng/ul
RT: 15.203 min Scan# 2698
Delta R.T. -0.042 min
Lab File: BN033075.D
Acq: 29 Jul 2024 19:38



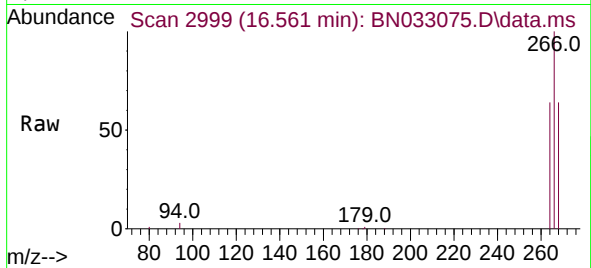
Tgt Ion:166 Resp: 3363
Ion Ratio Lower Upper
166 100
165 101.3 79.6 119.4
167 21.6 12.2 18.4#





#14
Pentachlorophenol
Concen: 216.463 ng/ul m
RT: 16.561 min Scan# 2999
Delta R.T. -0.076 min
Lab File: BN033075.D
Acq: 29 Jul 2024 19:38

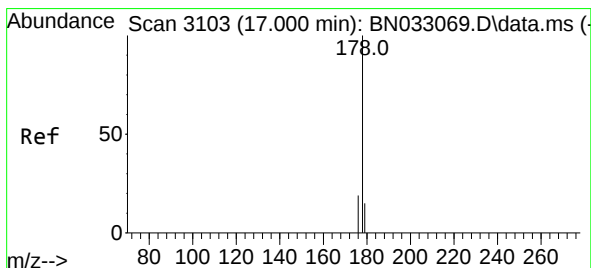
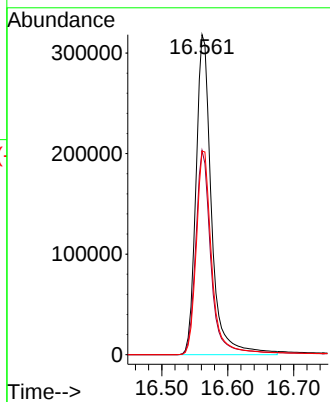
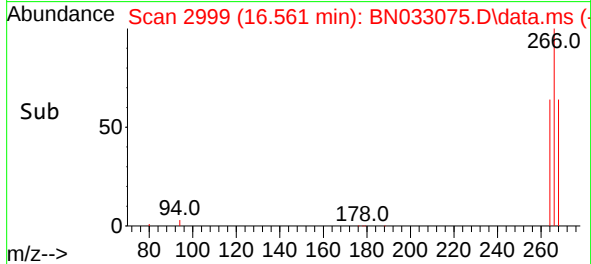
Instrument :
BNA_N
ClientSampleId :
C0AX4



Tgt Ion:266 Resp: 520184
Ion Ratio Lower Upper
266 100
264 0.0 49.3 73.9#
268 0.0 51.8 77.8#

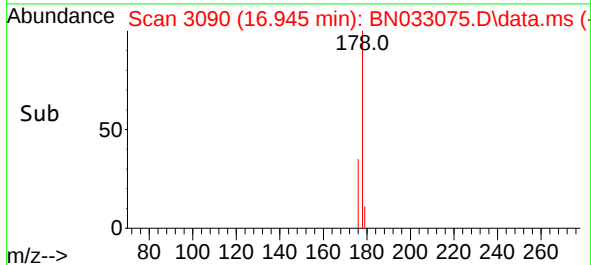
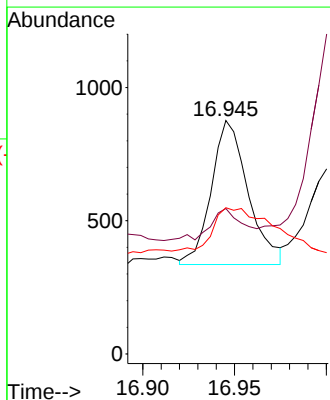
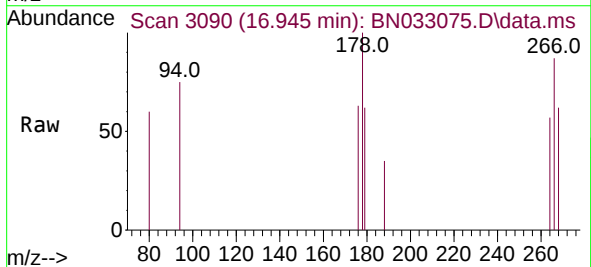
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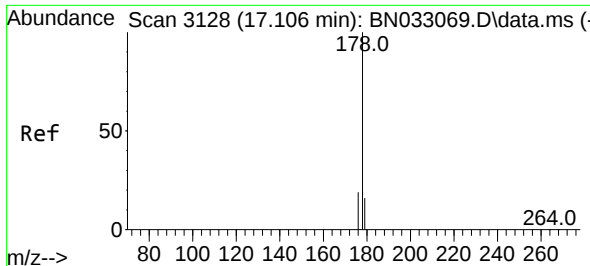
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#15
Phenanthrene
Concen: 0.024 ng/ul m
RT: 16.945 min Scan# 3090
Delta R.T. -0.042 min
Lab File: BN033075.D
Acq: 29 Jul 2024 19:38

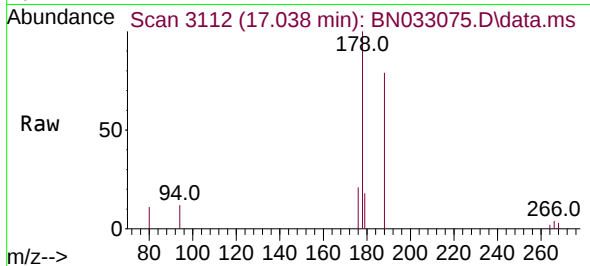
Tgt Ion:178 Resp: 754
Ion Ratio Lower Upper
178 100
179 62.3 13.7 20.5#
176 62.7 15.9 23.9#





#16
Anthracene
Concen: 1.087 ng/ul m
RT: 17.038 min Scan# 3112
Delta R.T. -0.046 min
Lab File: BN033075.D
Acq: 29 Jul 2024 19:38

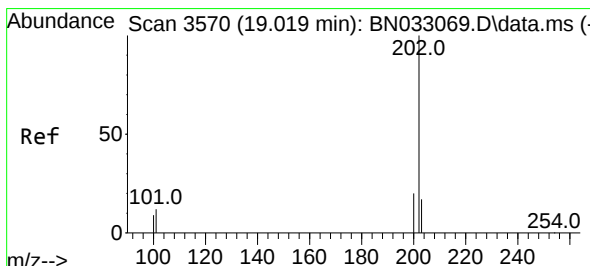
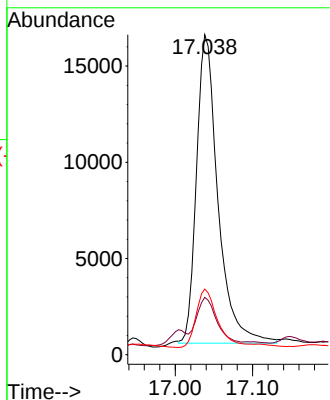
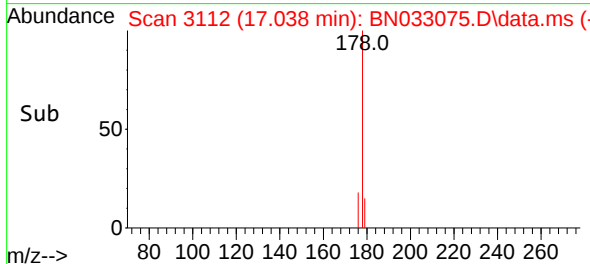
Instrument :
BNA_N
ClientSampleId :
C0AX4



Tgt Ion:178 Resp: 3093
Ion Ratio Lower Upper
178 100
179 17.9 14.3 21.5
176 20.5 15.8 23.8

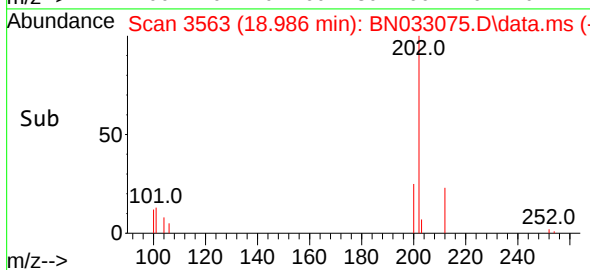
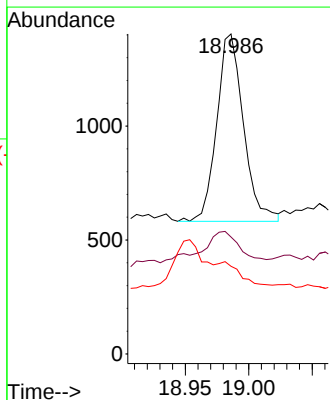
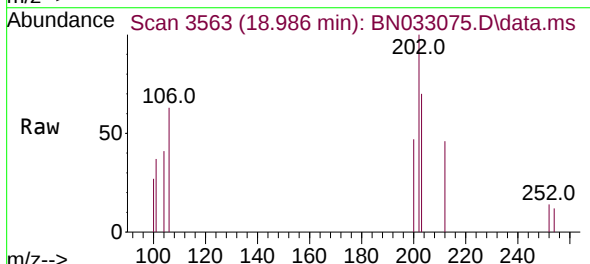
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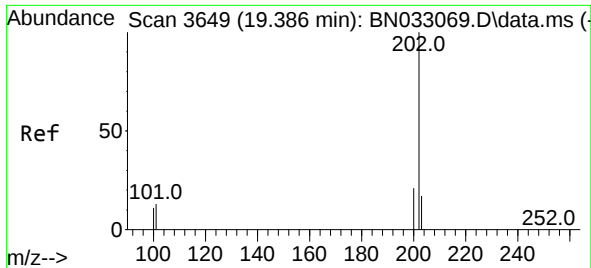
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#19
Fluoranthene
Concen: 0.029 ng/ul
RT: 18.986 min Scan# 3563
Delta R.T. -0.028 min
Lab File: BN033075.D
Acq: 29 Jul 2024 19:38

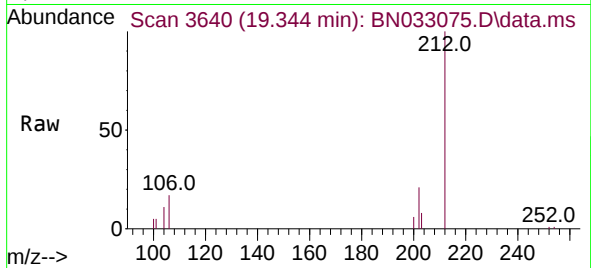
Tgt Ion:202 Resp: 1203
Ion Ratio Lower Upper
202 100
101 36.5 10.7 16.1#
100 27.4 8.3 12.5#





#20
 Pyrene
 Concen: 0.142 ng/ul
 RT: 19.344 min Scan# 30
 Delta R.T. -0.037 min
 Lab File: BN033075.D
 Acq: 29 Jul 2024 19:38

Instrument :
 BNA_N
 ClientSampleId :
 C0AX4



Tgt Ion:202 Resp: 620
 Ion Ratio Lower Upper
 202 100
 101 22.6 12.6 18.8
 100 22.5 9.9 14.9

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