

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033081.D
 Acq On : 29 Jul 2024 23:15
 Operator : MA/JU
 Sample : P3347-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ6

Manual Integrations
 APPROVED

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

Quant Time: Jul 29 23:48:20 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	7.499	152	2641	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.257	136	9630	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.139	164	6379	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.907	188	15025m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.131	240	14214m	0.400	ng/ul	-0.03
23) Perylene-d12	23.311	264	14516m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	6336	1.897	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.884	152	3973	0.253	ng/ul	-0.03
18) Fluoranthene-d10	18.949	212	12343	0.307	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.306	128	9571	0.387	ng/ul	95
7) 2-Methylnaphthalene	11.961	142	1675	0.100	ng/ul	95
8) 1-Methylnaphthalene	12.170	142	1275	0.070	ng/ul	96
10) Acenaphthylene	13.856	152	1587	0.061	ng/ul#	70
11) Acenaphthene	14.199	153	297522	15.151	ng/ul	99
12) Fluorene	15.203	166	6326	0.276	ng/ul#	99
15) Phenanthrene	16.945	178	3032m	0.075	ng/ul	
16) Anthracene	17.038	178	29348m	0.810	ng/ul	
19) Fluoranthene	18.981	202	442576	9.457	ng/ul	96
20) Pyrene	19.344	202	273626	5.452	ng/ul	98
21) Benzo(a)anthracene	21.116	228	12894	0.266	ng/ul	94
22) Chrysene	21.172	228	6634m	0.117	ng/ul	
24) Benzo(b)fluoranthene	22.662	252	5382m	0.127	ng/ul	
25) Benzo(k)fluoranthene	22.700	252	1252m	0.025	ng/ul	

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

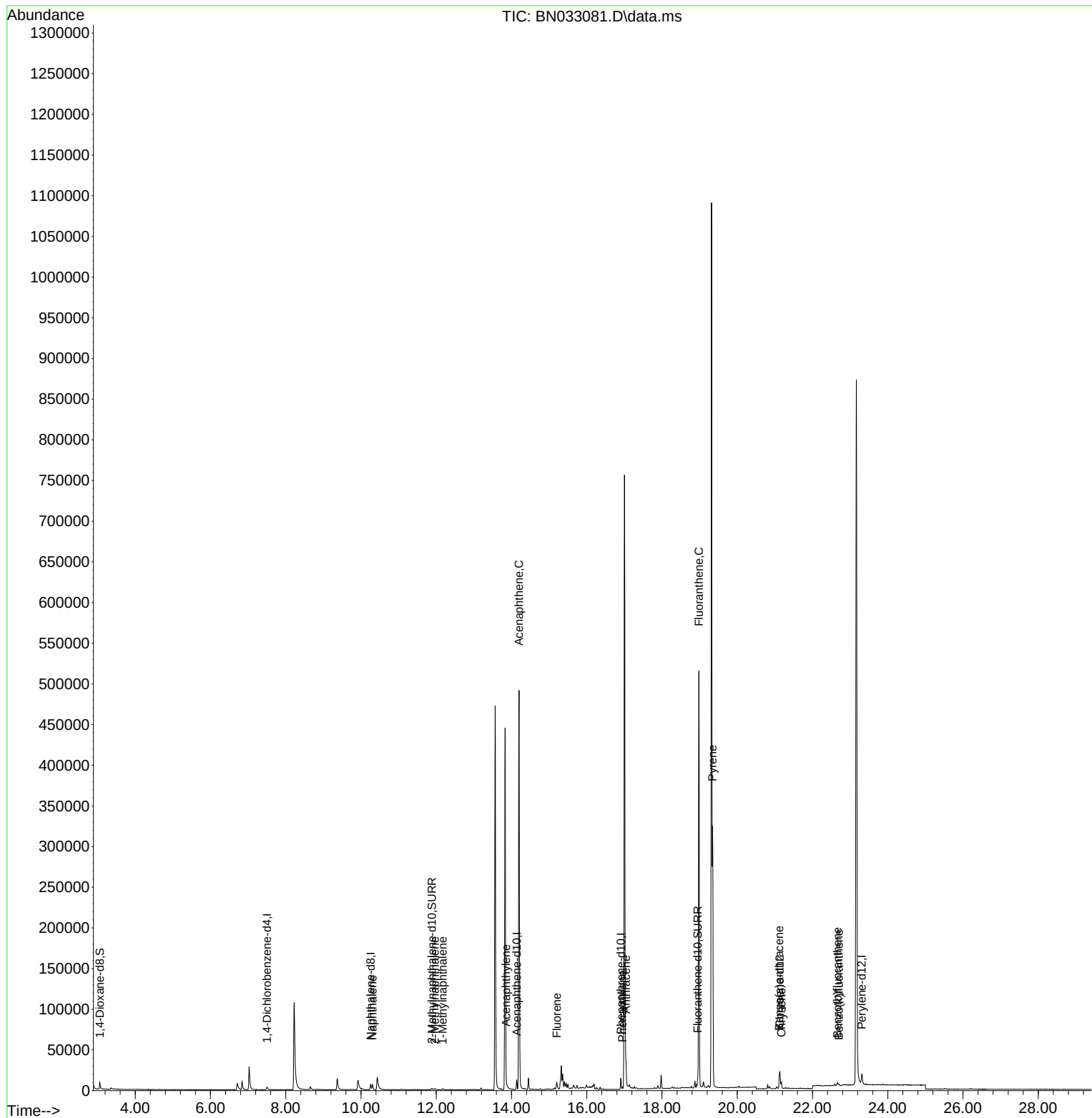
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033081.D
Acq On : 29 Jul 2024 23:15
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ALS Vial : 14 Sample Multiplier: 1

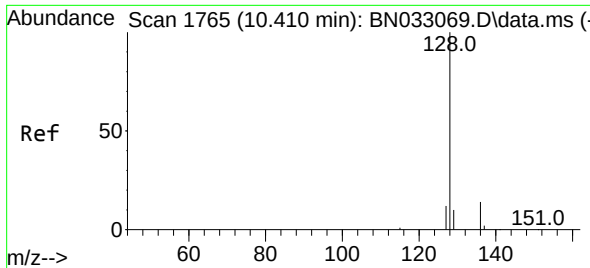
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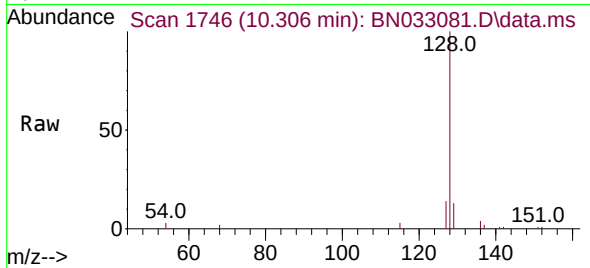
Quant Time: Jul 29 23:48:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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#5
Naphthalene
Concen: 0.387 ng/ul
RT: 10.306 min Scan# 11
Delta R.T. -0.044 min
Lab File: BN033081.D
Acq: 29 Jul 2024 23:15

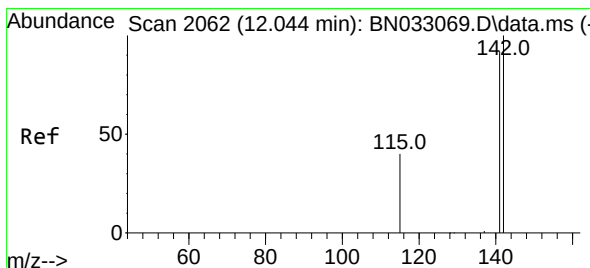
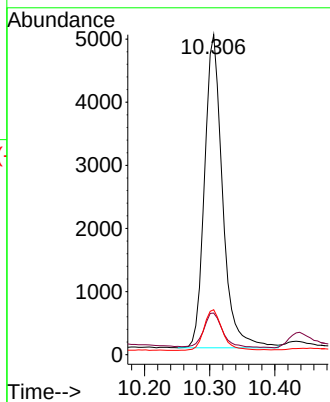
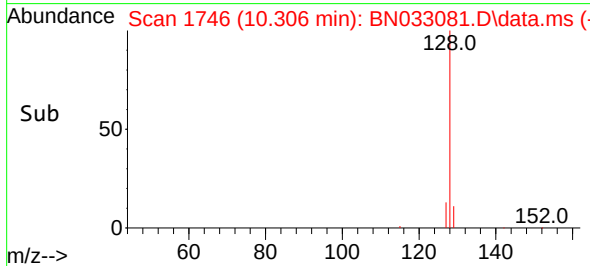
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:128 Resp: 957
Ion Ratio Lower Upper
128 100
129 13.0 12.0 18.0
127 14.1 12.7 19.1

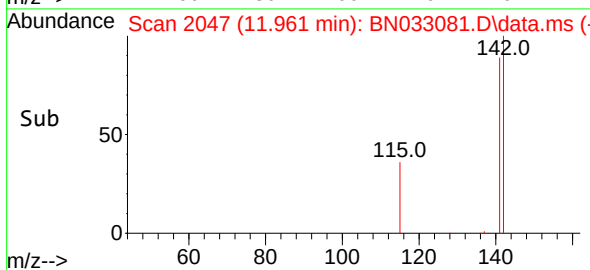
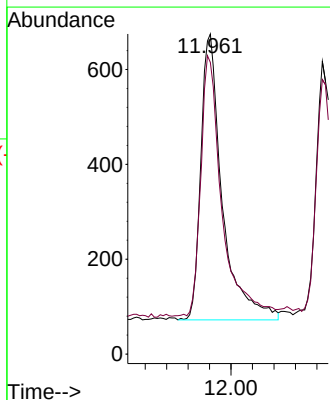
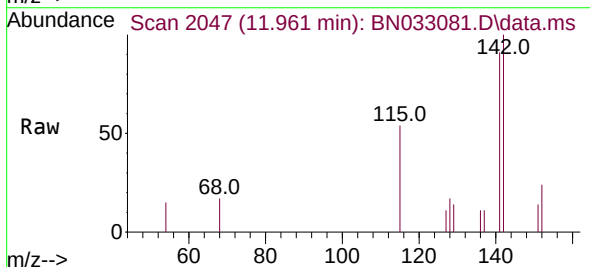
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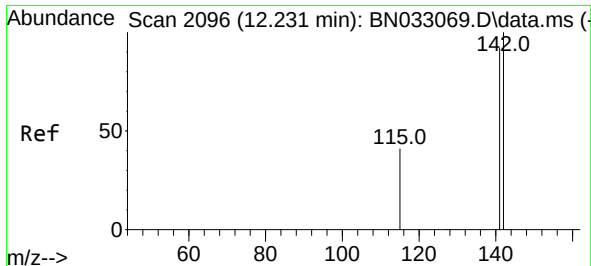
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#7
2-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 11.961 min Scan# 2047
Delta R.T. -0.022 min
Lab File: BN033081.D
Acq: 29 Jul 2024 23:15

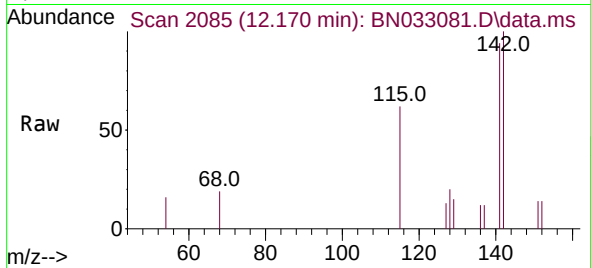
Tgt Ion:142 Resp: 1675
Ion Ratio Lower Upper
142 100
141 89.4 75.2 112.8





#8
1-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.170 min Scan# 2096
Delta R.T. -0.027 min
Lab File: BN033081.D
Acq: 29 Jul 2024 23:15

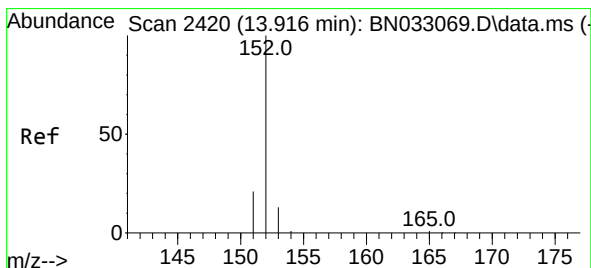
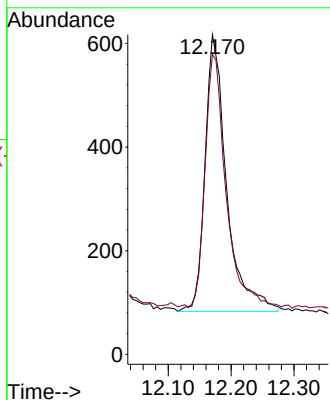
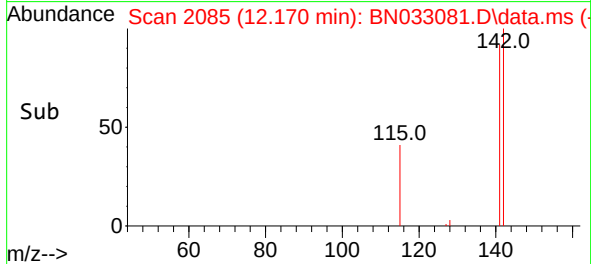
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 1275
Ion Ratio Lower Upper
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141 88.8 74.3 111.5

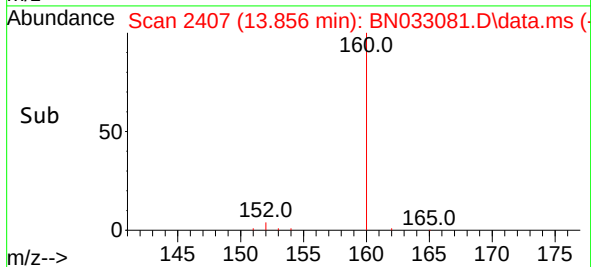
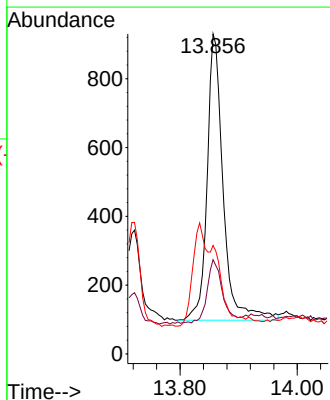
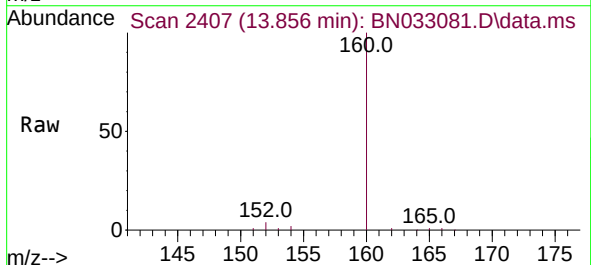
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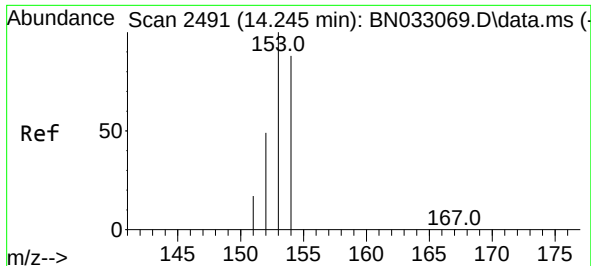
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 13.856 min Scan# 2407
Delta R.T. -0.041 min
Lab File: BN033081.D
Acq: 29 Jul 2024 23:15

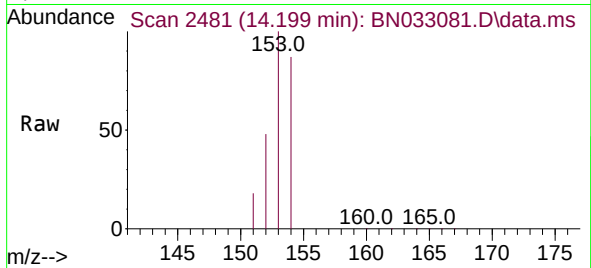
Tgt Ion:152 Resp: 1587
Ion Ratio Lower Upper
152 100
151 29.5 16.8 25.2#
153 33.9 11.9 17.9#





#11
Acenaphthene
Concen: 15.151 ng/uI
RT: 14.199 min Scan# 2491
Delta R.T. -0.037 min
Lab File: BN033081.D
Acq: 29 Jul 2024 23:15

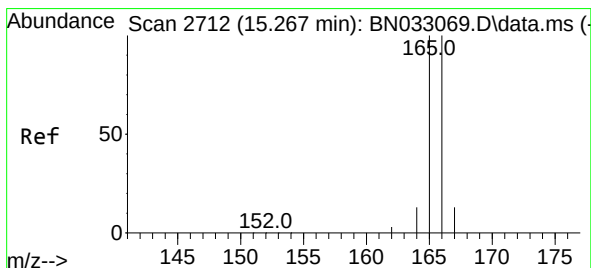
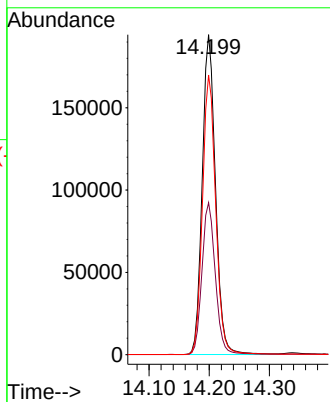
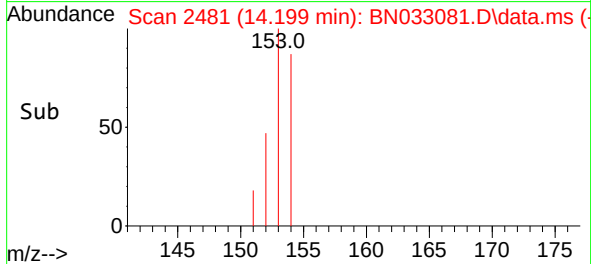
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 29752
Ion Ratio Lower Upper
153 100
152 47.5 40.0 60.0
154 87.4 70.1 105.1

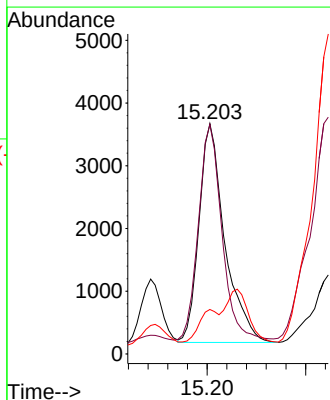
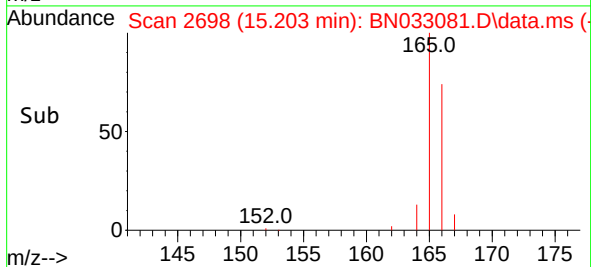
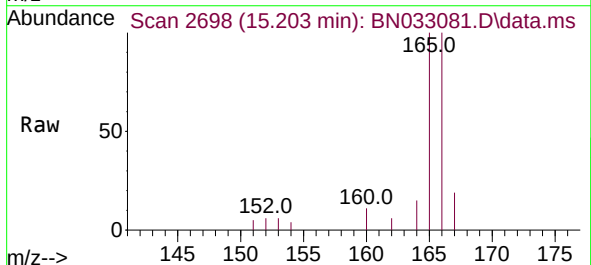
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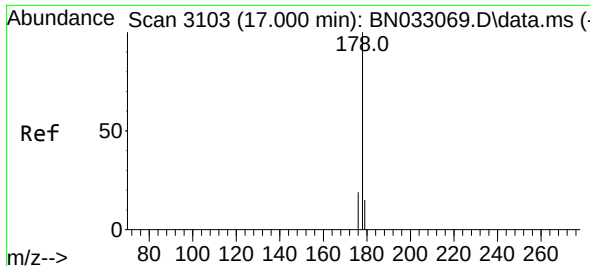
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#12
Fluorene
Concen: 0.276 ng/uI
RT: 15.203 min Scan# 2698
Delta R.T. -0.041 min
Lab File: BN033081.D
Acq: 29 Jul 2024 23:15

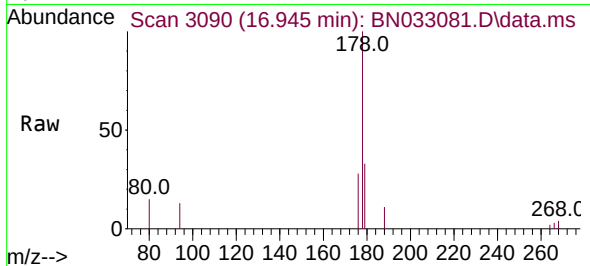
Tgt Ion:166 Resp: 6326
Ion Ratio Lower Upper
166 100
165 99.7 79.6 119.4
167 19.3 12.2 18.4#





#15
Phenanthrene
Concen: 0.075 ng/ul m
RT: 16.945 min Scan# 3090
Delta R.T. -0.042 min
Lab File: BN033081.D
Acq: 29 Jul 2024 23:15

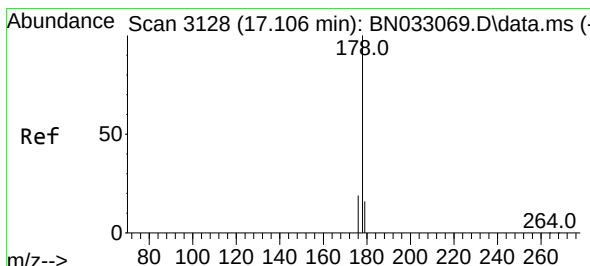
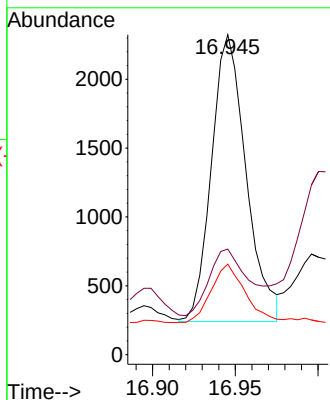
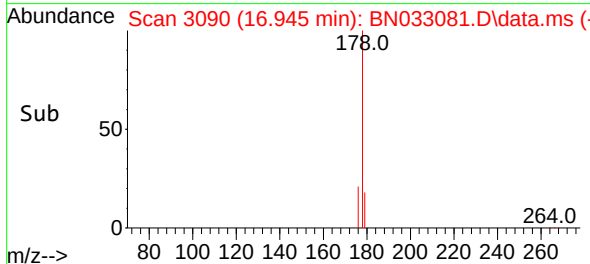
Instrument :
BNA_N
ClientSampleId :
C0AZ6



Tgt Ion:178 Resp: 3032
Ion Ratio Lower Upper
178 100
179 33.0 13.7 20.5
176 28.3 15.9 23.9

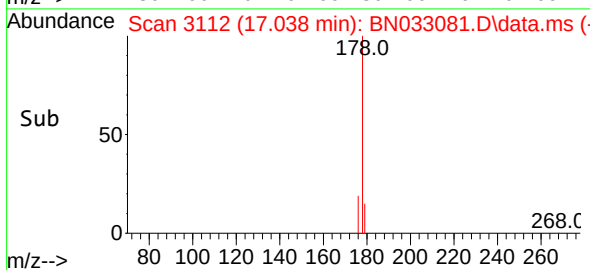
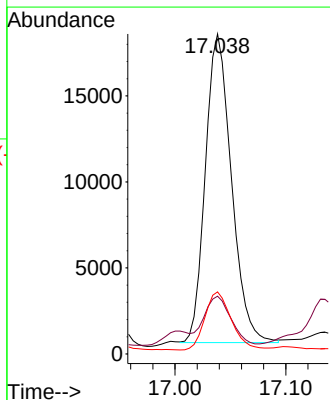
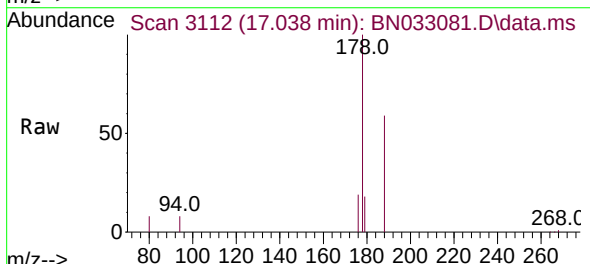
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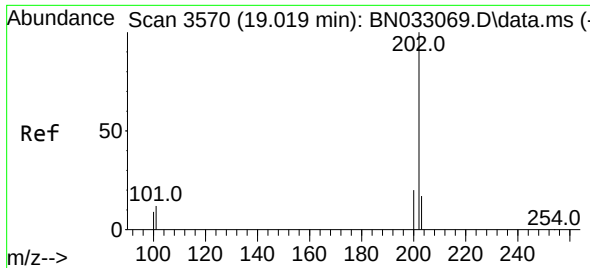
Reviewed By :Yogesh Patel 07/30/2024
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#16
Anthracene
Concen: 0.810 ng/ul m
RT: 17.038 min Scan# 3112
Delta R.T. -0.046 min
Lab File: BN033081.D
Acq: 29 Jul 2024 23:15

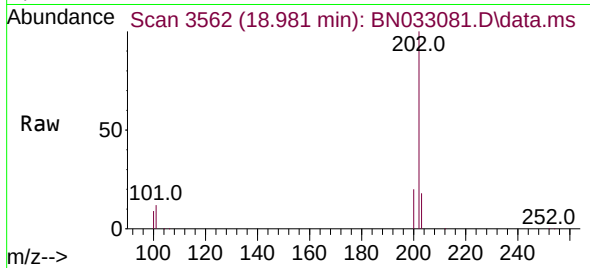
Tgt Ion:178 Resp: 29348
Ion Ratio Lower Upper
178 100
179 18.0 14.3 21.5
176 19.4 15.8 23.8





#19
Fluoranthene
Concen: 9.457 ng/u1
RT: 18.981 min Scan# 3562
Delta R.T. -0.032 min
Lab File: BN033081.D
Acq: 29 Jul 2024 23:15

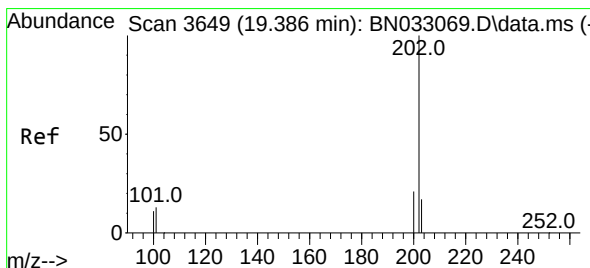
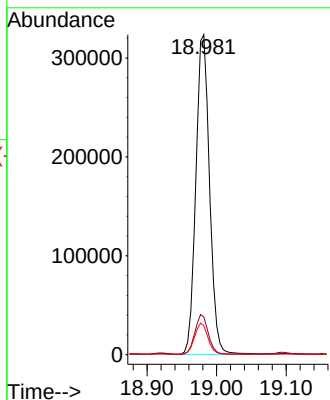
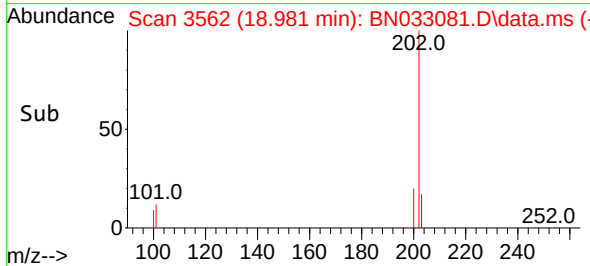
Instrument :
BNA_N
ClientSampleId :
C0AZ6



Tgt Ion:202 Resp: 442570
Ion Ratio Lower Upper
202 100
101 11.8 10.7 16.1
100 9.1 8.3 12.5

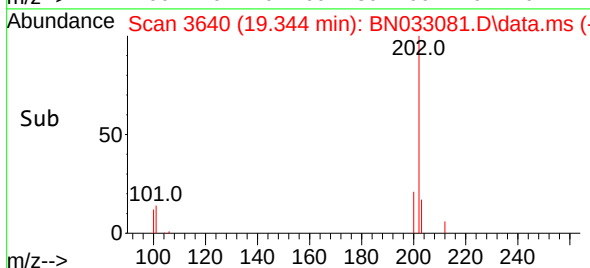
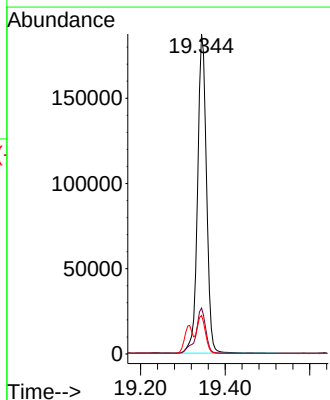
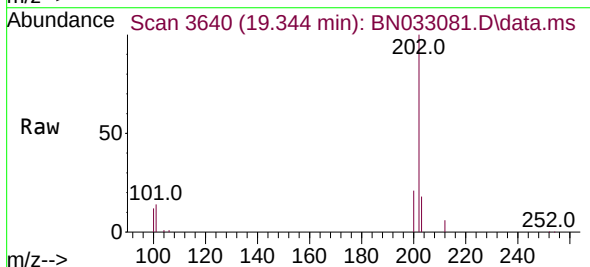
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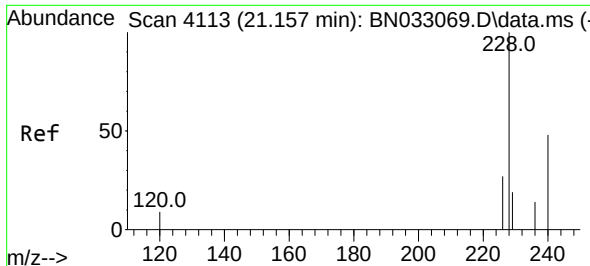
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#20
Pyrene
Concen: 5.452 ng/u1
RT: 19.344 min Scan# 3640
Delta R.T. -0.037 min
Lab File: BN033081.D
Acq: 29 Jul 2024 23:15

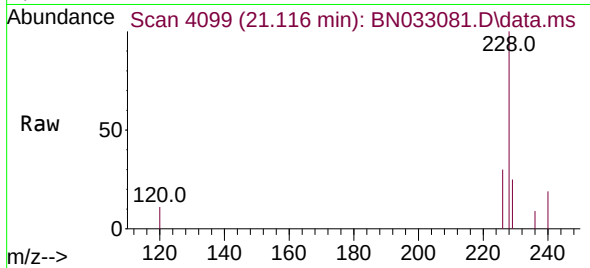
Tgt Ion:202 Resp: 273626
Ion Ratio Lower Upper
202 100
101 14.3 12.6 18.8
100 12.0 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.266 ng/ul
RT: 21.116 min Scan# 4113
Delta R.T. -0.029 min
Lab File: BN033081.D
Acq: 29 Jul 2024 23:15

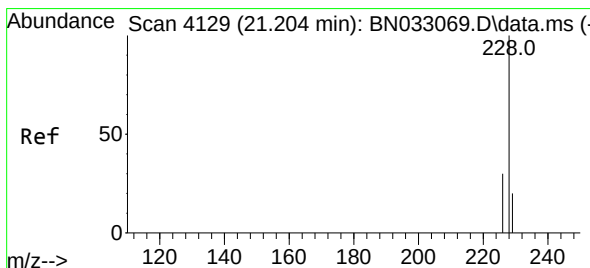
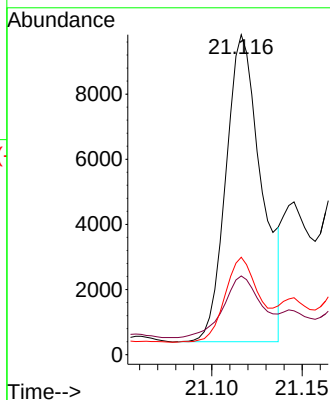
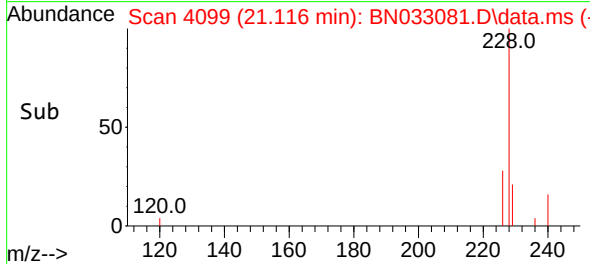
Instrument :
BNA_N
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Tgt Ion:228 Resp: 12894
Ion Ratio Lower Upper
228 100
229 24.6 17.1 25.7
226 30.5 22.4 33.6

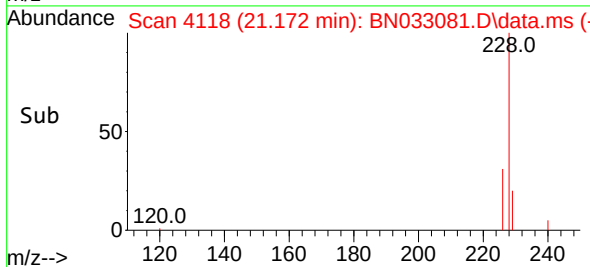
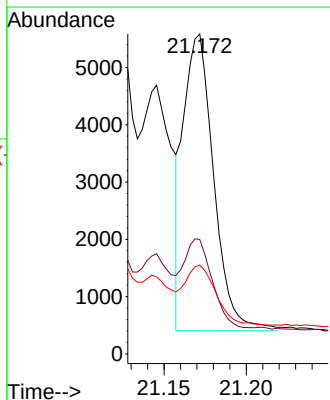
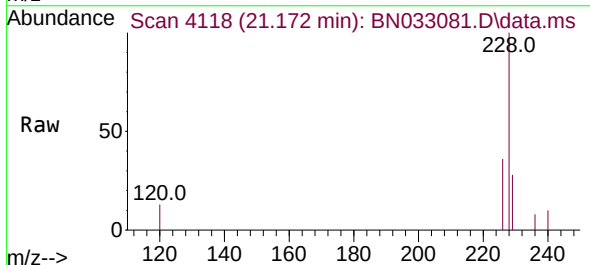
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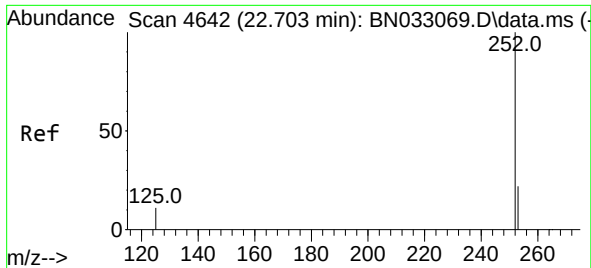
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Chrysene
Concen: 0.117 ng/ul m
RT: 21.172 min Scan# 4118
Delta R.T. -0.023 min
Lab File: BN033081.D
Acq: 29 Jul 2024 23:15

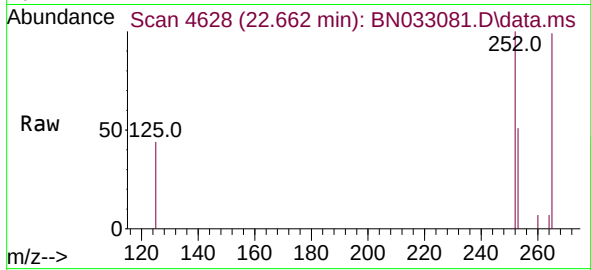
Tgt Ion:228 Resp: 6634
Ion Ratio Lower Upper
228 100
226 35.7 24.7 37.1
229 27.8 17.0 25.6#





#24
Benzo(b)fluoranthene
Concen: 0.127 ng/ul m
RT: 22.662 min Scan# 4628
Delta R.T. -0.032 min
Lab File: BN033081.D
Acq: 29 Jul 2024 23:15

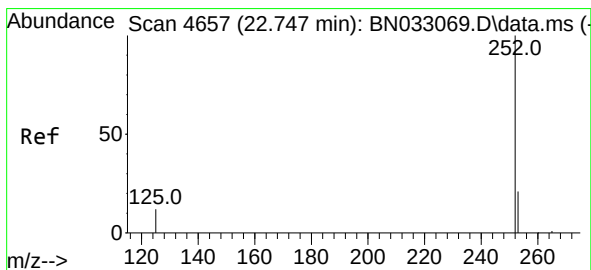
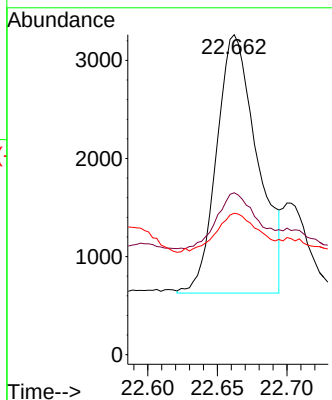
Instrument :
BNA_N
ClientSampleId :
C0AZ6



Tgt Ion:252 Resp: 538
Ion Ratio Lower Upper
252 100
253 50.6 0.0 60.6
125 44.2 0.0 51.0

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#25
Benzo(k)fluoranthene
Concen: 0.025 ng/ul m
RT: 22.700 min Scan# 4641
Delta R.T. -0.035 min
Lab File: BN033081.D
Acq: 29 Jul 2024 23:15

Tgt Ion:252 Resp: 1252
Ion Ratio Lower Upper
252 100
253 83.4 24.9 37.3#
125 77.2 20.9 31.3#

