

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
 Data File : BN032981.D
 Acq On : 25 Jul 2024 20:45
 Operator : MA/JU
 Sample : P3347-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AW2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 26 01:18:54 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 : Thu Jul 25 15:43:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.508	152	4813	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.268	136	16615	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.152	164	13051	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.920	188	24065m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.140	240	20139m	0.400	ng/ul	-0.02
23) Perylene-d12	23.326	264	20418m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.065	96	20985	3.447	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.868	152	8126	0.300	ng/ul	-0.04
18) Fluoranthene-d10	18.963	212	22075	0.387	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.317	128	4957279	116.183	ng/ul#	93
7) 2-Methylnaphthalene	11.939	142	1304365	45.128	ng/ul	95
8) 1-Methylnaphthalene	12.165	142	975205	31.200	ng/ul	99
10) Acenaphthylene	13.875	152	100478	1.881	ng/ul#	95
11) Acenaphthene	14.222	153	3115013	77.534	ng/ul	97
12) Fluorene	15.216	166	2100639	44.860	ng/ul	97
14) Pentachlorophenol	16.595	266	293m	0.060	ng/ul	
15) Phenanthrene	16.962	178	3774869m	58.481	ng/ul	
16) Anthracene	17.055	178	1435915m	24.743	ng/ul	
19) Fluoranthene	18.991	202	760452	11.468	ng/ul	98
20) Pyrene	19.358	202	465095	6.540	ng/ul	99
21) Benzo(a)anthracene	21.122	228	15547	0.226	ng/ul#	87
22) Chrysene	21.175	228	16593	0.207	ng/ul#	85
24) Benzo(b)fluoranthene	22.677	252	3694m	0.062	ng/ul	

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

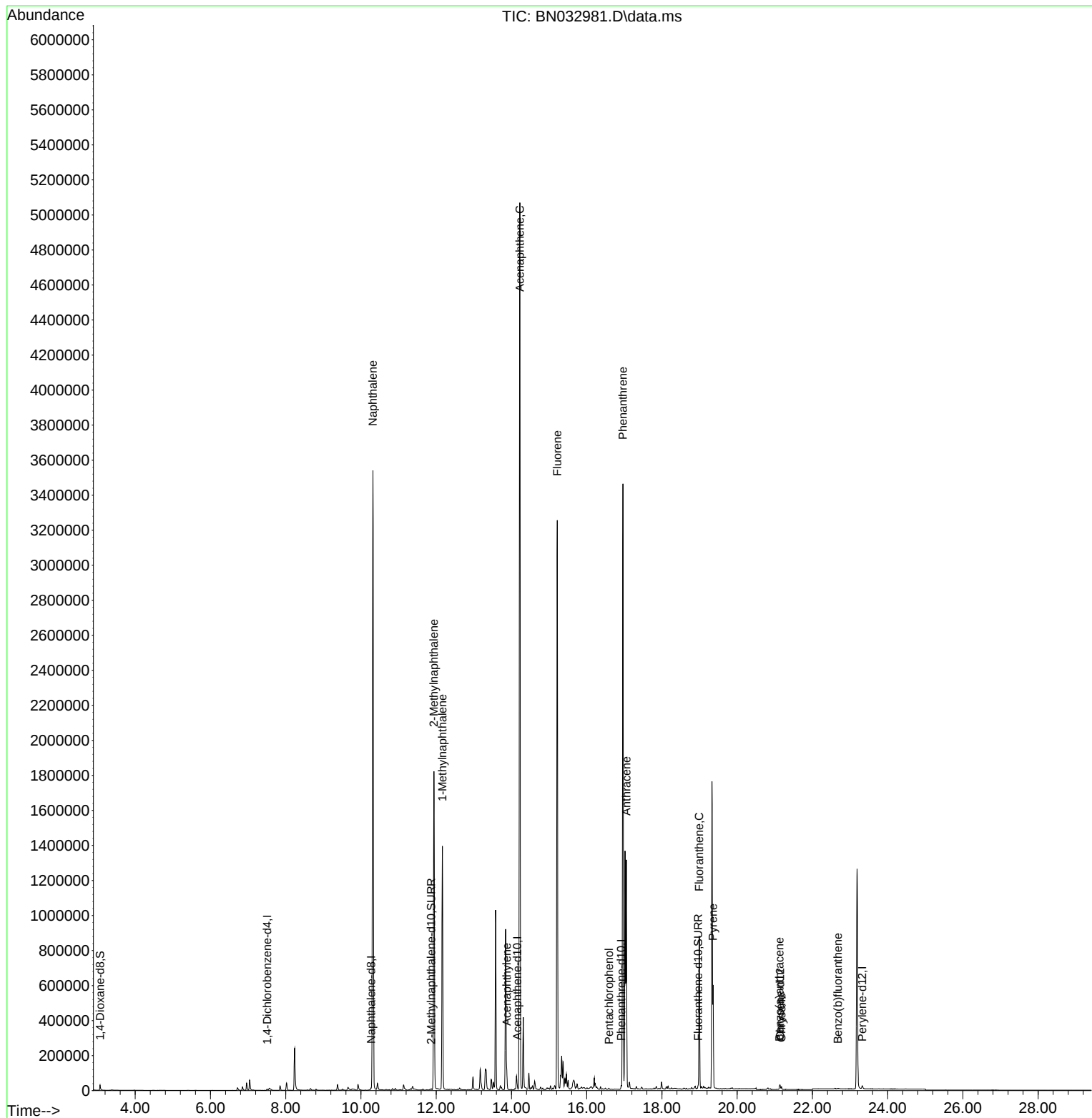
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032981.D
Acq On : 25 Jul 2024 20:45
Operator : MA/JU
Sample : P3347-02
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ALS Vial : 16 Sample Multiplier: 1

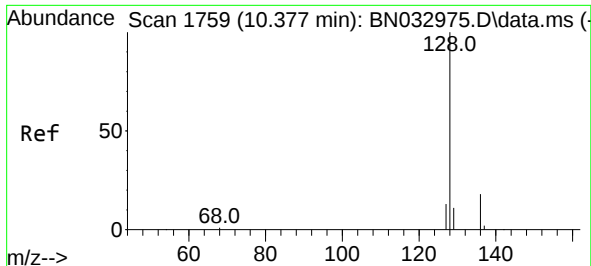
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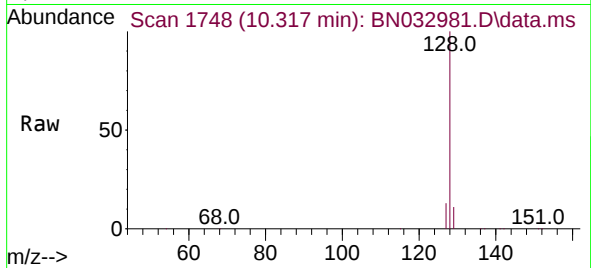
Quant Time: Jul 26 01:18:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
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#5
Naphthalene
Concen: 116.183 ng/ul
RT: 10.317 min Scan# 1748
Delta R.T. -0.033 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

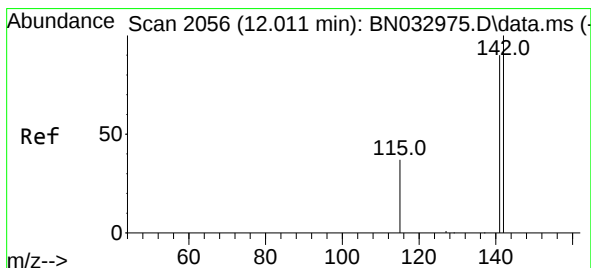
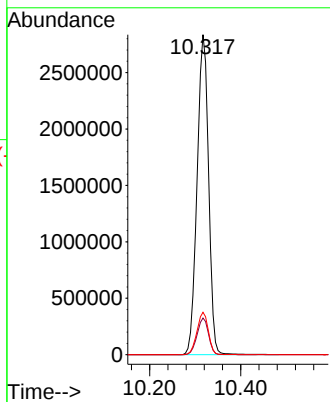
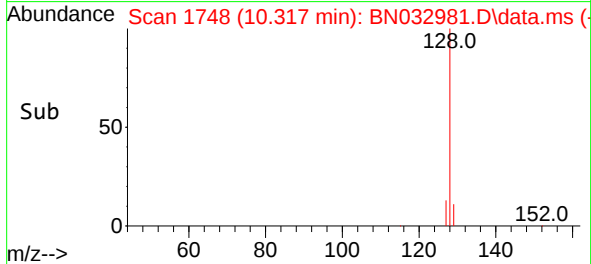
Instrument :
BNA_N
ClientSampleId :
C0AW2



Tgt Ion:128 Resp: 4957279
Ion Ratio Lower Upper
128 100
129 11.5 12.0 18.0
127 13.3 12.7 19.1

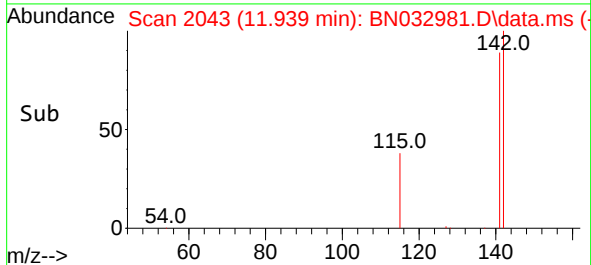
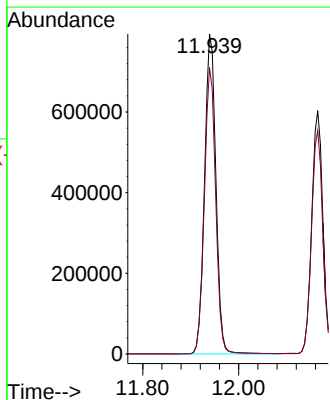
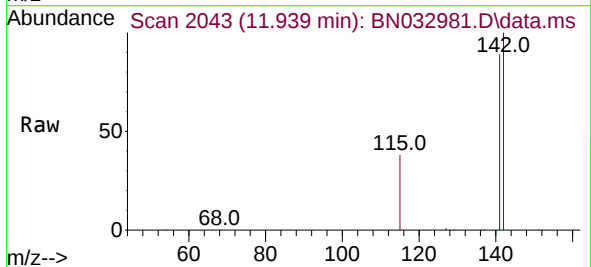
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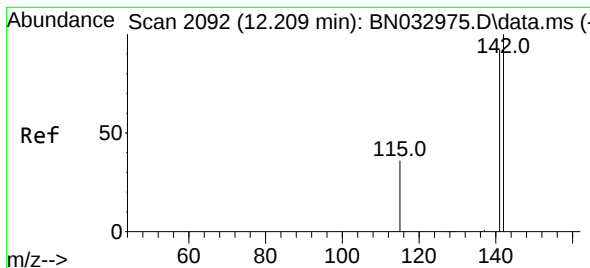
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/30/2024



#7
2-Methylnaphthalene
Concen: 45.128 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.044 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

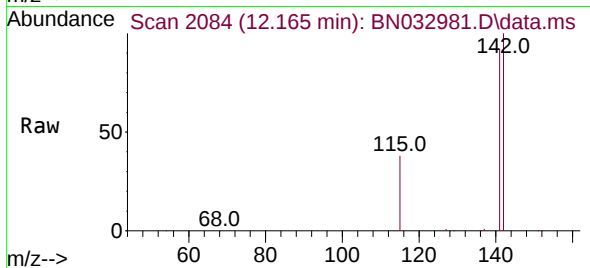
Tgt Ion:142 Resp: 1304365
Ion Ratio Lower Upper
142 100
141 89.2 75.2 112.8





#8
1-Methylnaphthalene
Concen: 31.200 ng/ul
RT: 12.165 min Scan# 2092
Delta R.T. -0.033 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

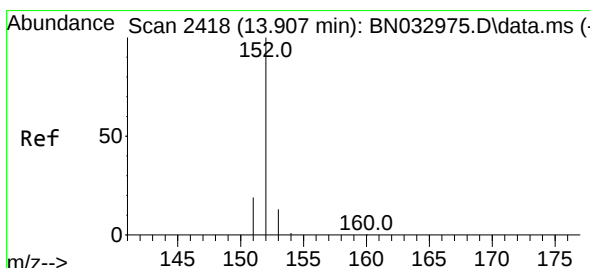
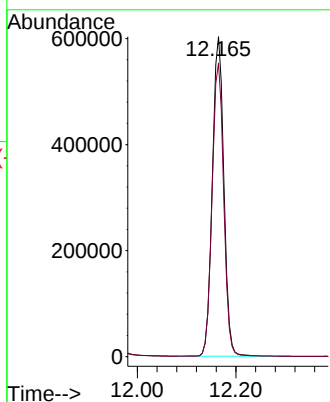
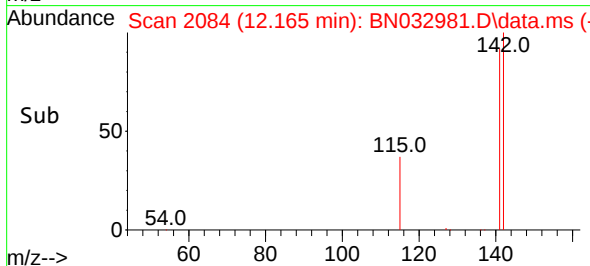
Instrument :
BNA_N
ClientSampleId :
C0AW2



Tgt Ion:142 Resp: 97520
Ion Ratio Lower Upper
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141 92.3 74.3 111.5

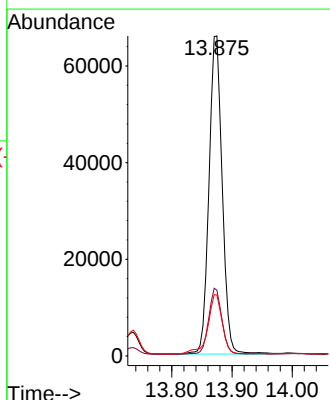
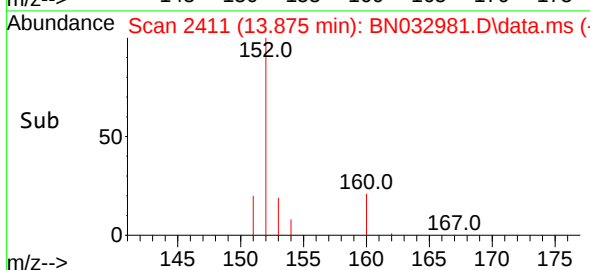
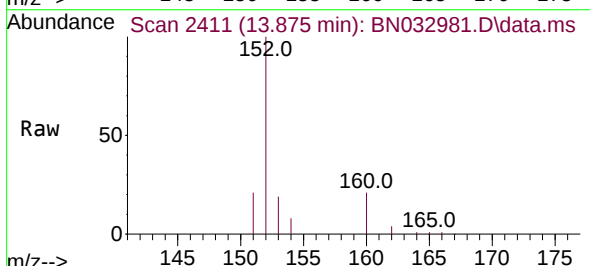
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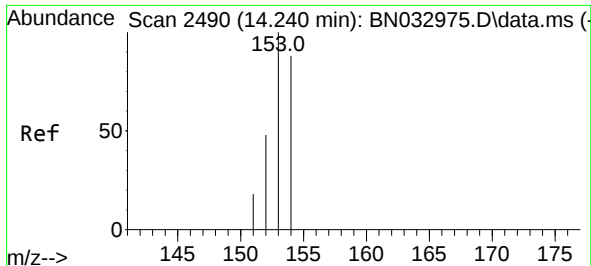
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/30/2024



#10
Acenaphthylene
Concen: 1.881 ng/ul
RT: 13.875 min Scan# 2411
Delta R.T. -0.023 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

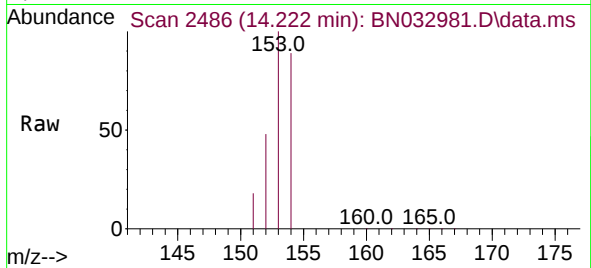
Tgt Ion:152 Resp: 100478
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 19.1 11.9 17.9#





#11
Acenaphthene
Concen: 77.534 ng/ul
RT: 14.222 min Scan# 2490
Delta R.T. -0.014 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

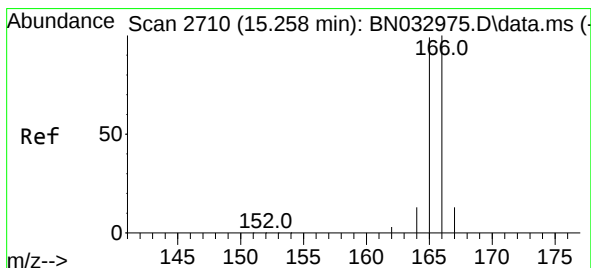
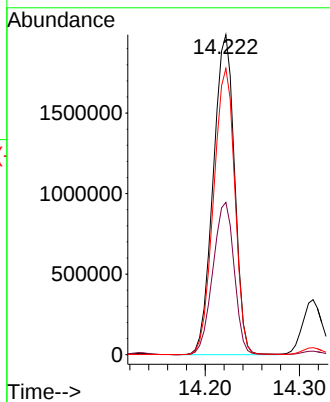
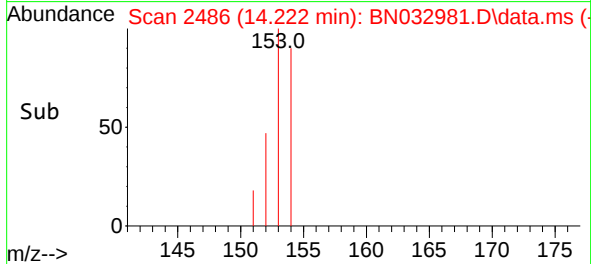
Instrument :
BNA_N
ClientSampleId :
C0AW2



Tgt Ion:153 Resp: 311501
Ion Ratio Lower Upper
153 100
152 47.6 40.0 60.0
154 89.5 70.1 105.1

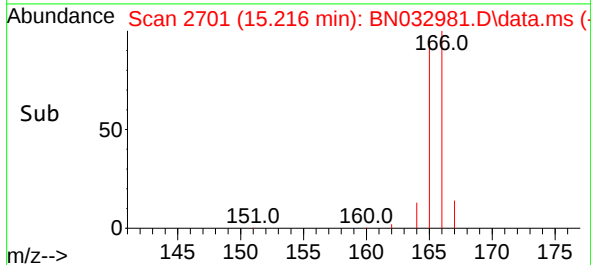
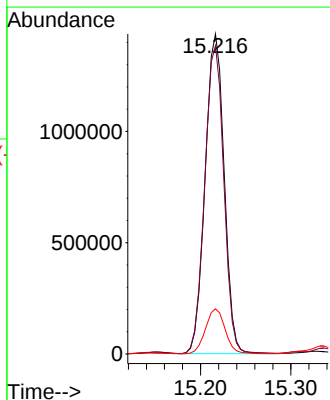
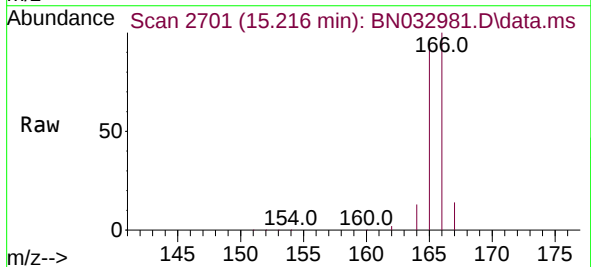
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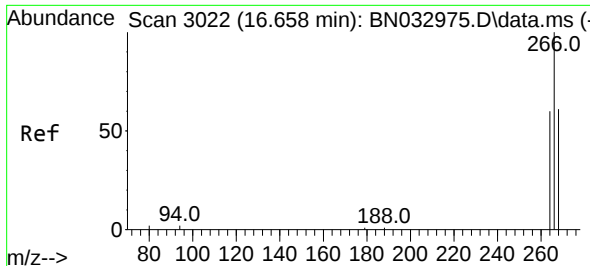
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/30/2024



#12
Fluorene
Concen: 44.860 ng/ul
RT: 15.216 min Scan# 2701
Delta R.T. -0.028 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

Tgt Ion:166 Resp: 2100639
Ion Ratio Lower Upper
166 100
165 96.3 79.6 119.4
167 14.1 12.2 18.4





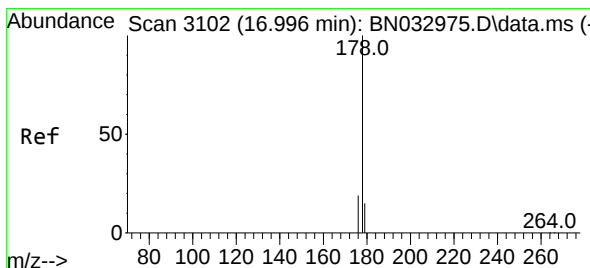
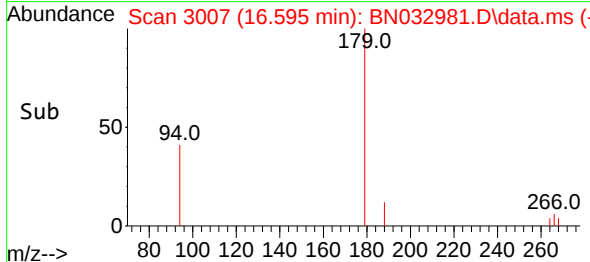
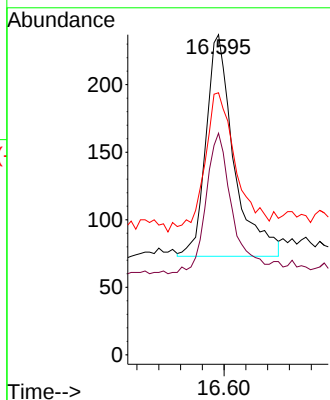
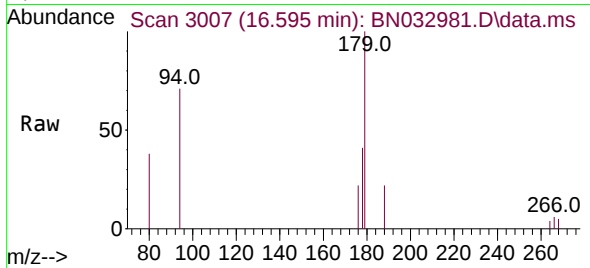
#14
Pentachlorophenol
Concen: 0.060 ng/ul m
RT: 16.595 min Scan# 3093
Delta R.T. -0.042 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

Instrument :
BNA_N
ClientSampleId :
C0AW2

Tgt Ion:266 Resp: 293
Ion Ratio Lower Upper
266 100
264 2.7 49.3 73.9
268 4.1 51.8 77.8

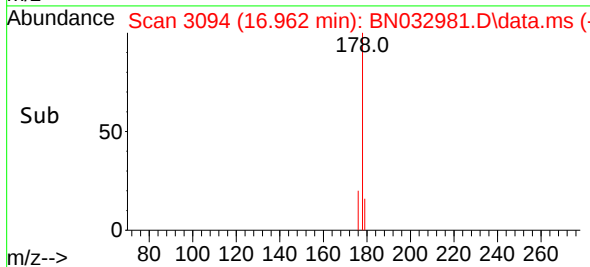
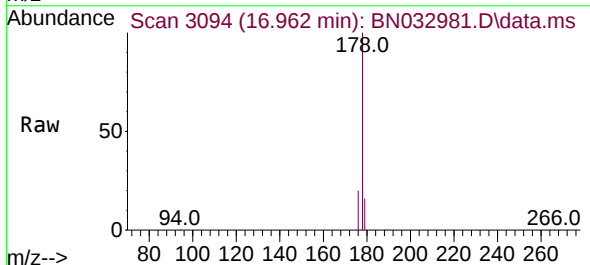
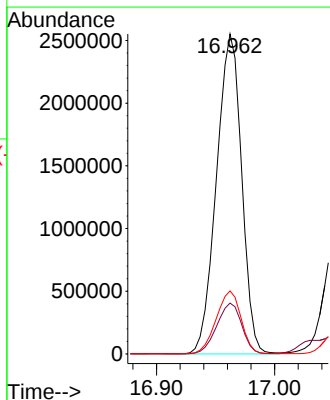
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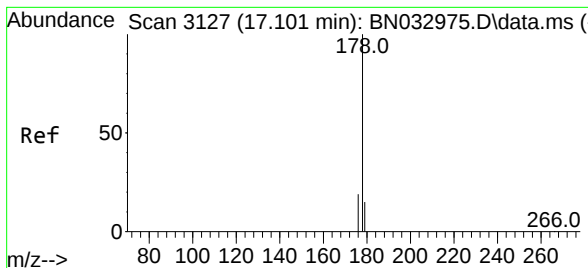
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/30/2024



#15
Phenanthrene
Concen: 58.481 ng/ul m
RT: 16.962 min Scan# 3094
Delta R.T. -0.025 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

Tgt Ion:178 Resp: 3774869
Ion Ratio Lower Upper
178 100
179 15.9 13.7 20.5
176 19.7 15.9 23.9





#16

Anthracene

Concen: 24.743 ng/ul m

RT: 17.055 min Scan# 3116

Delta R.T. -0.029 min

Lab File: BN032981.D

Acq: 25 Jul 2024 20:45

Instrument :

BNA_N

ClientSampleId :

C0AW2

Tgt Ion:178 Resp: 143591

Ion Ratio Lower Upper

178 100

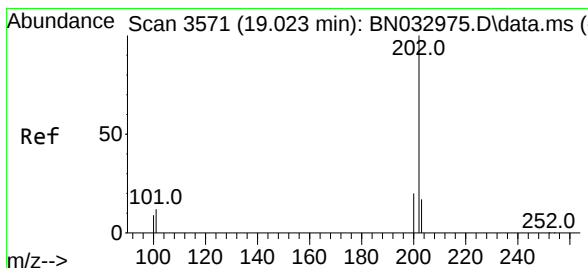
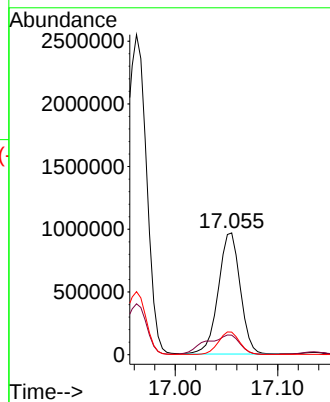
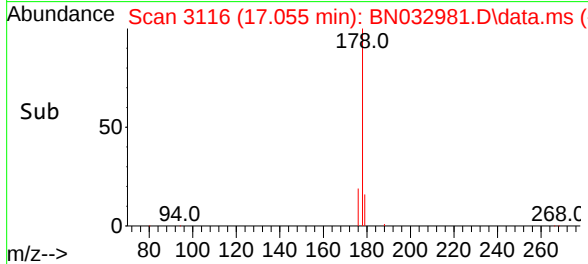
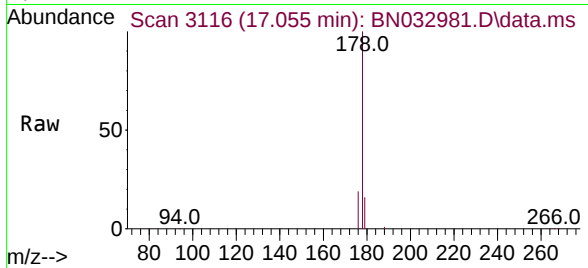
179 16.0 14.3 21.5

176 18.6 15.8 23.8

Manual Integrations

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Supervised By :mohammad ahmed 07/30/2024



#19

Fluoranthene

Concen: 11.468 ng/ul

RT: 18.991 min Scan# 3564

Delta R.T. -0.023 min

Lab File: BN032981.D

Acq: 25 Jul 2024 20:45

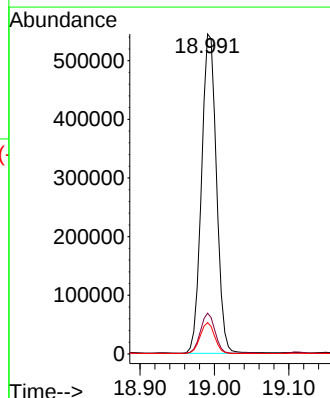
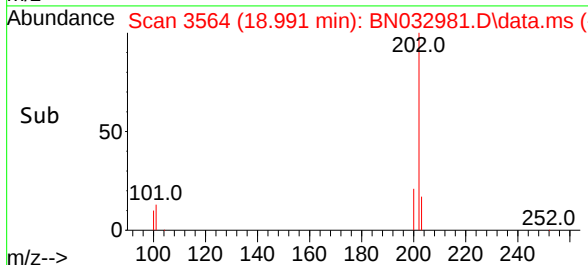
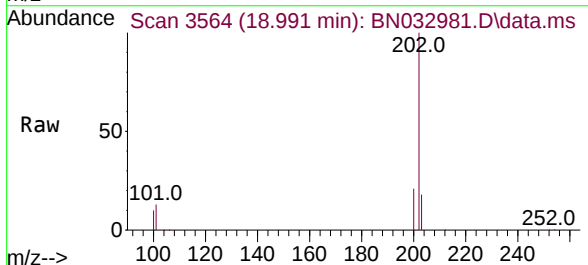
Tgt Ion:202 Resp: 760452

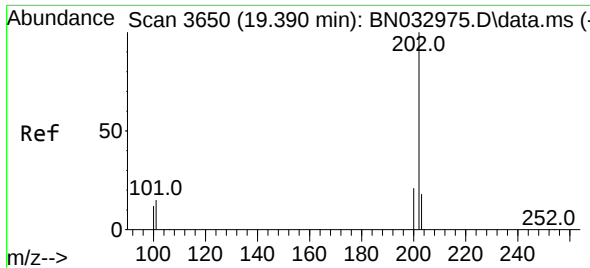
Ion Ratio Lower Upper

202 100

101 12.8 10.7 16.1

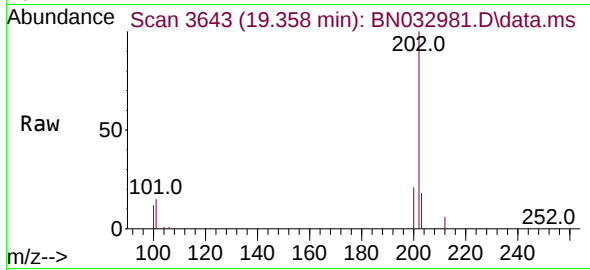
100 9.8 8.3 12.5





#20
Pyrene
Concen: 6.540 ng/u1
RT: 19.358 min Scan# 30
Delta R.T. -0.023 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

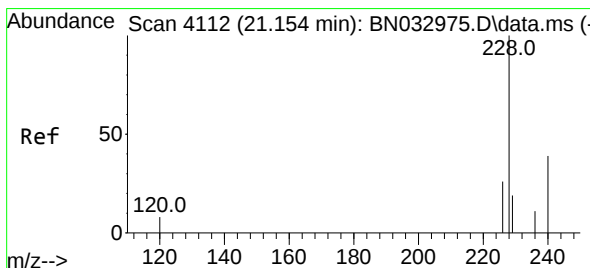
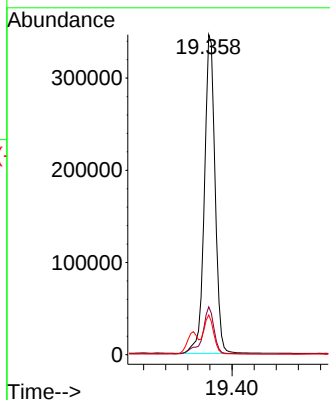
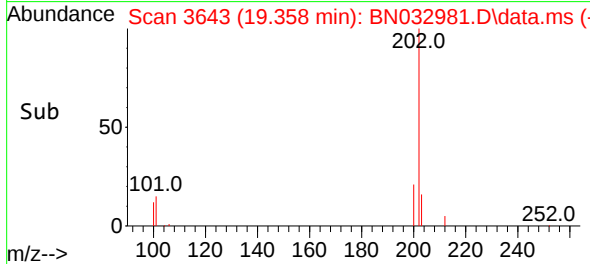
Instrument :
BNA_N
ClientSampleId :
C0AW2



Tgt Ion:202 Resp: 46509
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.4 9.9 14.9

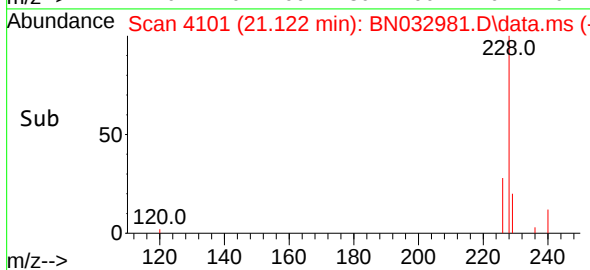
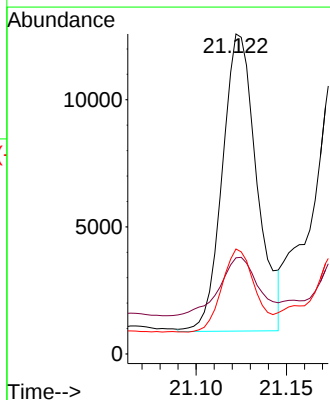
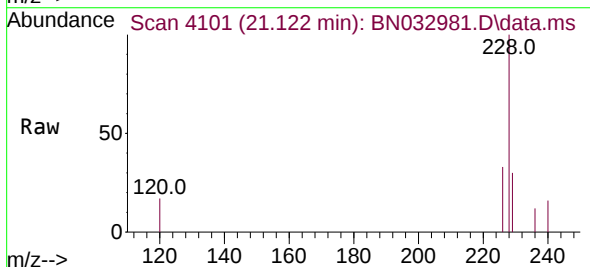
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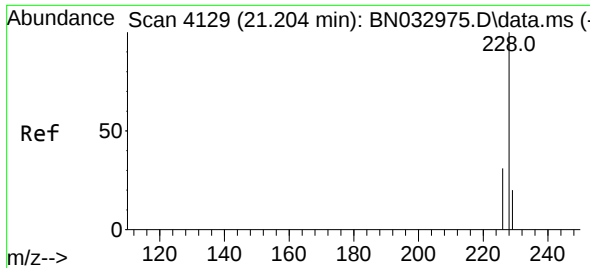
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/30/2024



#21
Benzo(a)anthracene
Concen: 0.226 ng/u1
RT: 21.122 min Scan# 4101
Delta R.T. -0.023 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

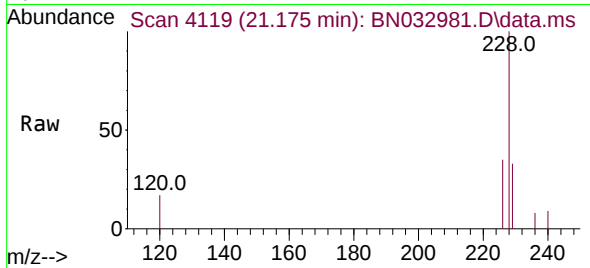
Tgt Ion:228 Resp: 15547
Ion Ratio Lower Upper
228 100
229 30.1 17.1 25.7#
226 32.8 22.4 33.6





#22
Chrysene
Concen: 0.207 ng/ul
RT: 21.175 min Scan# 4119
Delta R.T. -0.020 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45

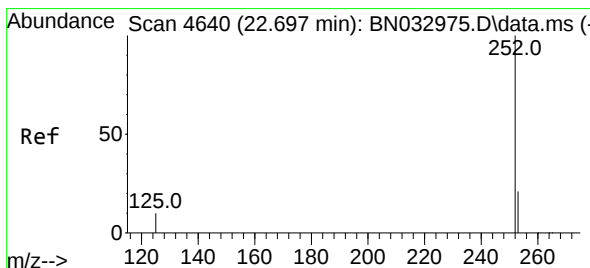
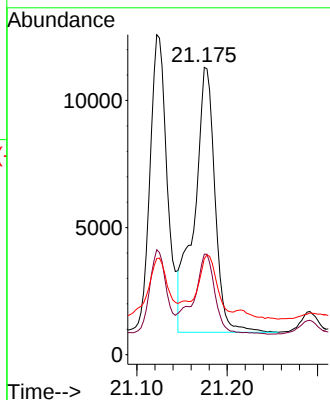
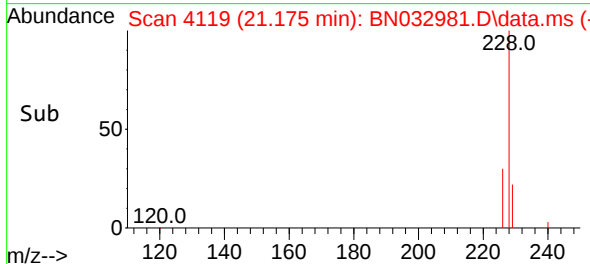
Instrument :
BNA_N
ClientSampleId :
C0AW2



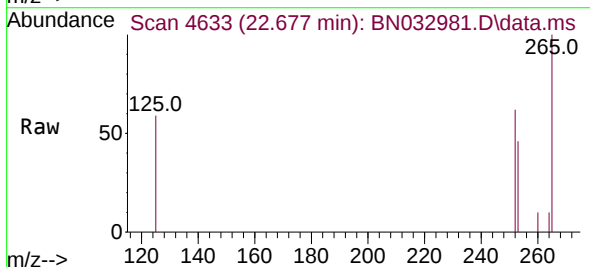
Tgt Ion:228 Resp: 1659
Ion Ratio Lower Upper
228 100
226 34.9 24.7 37.1
229 33.4 17.0 25.6

Manual Integrations
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#24
Benzo(b)fluoranthene
Concen: 0.062 ng/ul m
RT: 22.677 min Scan# 4633
Delta R.T. -0.017 min
Lab File: BN032981.D
Acq: 25 Jul 2024 20:45



Tgt Ion:252 Resp: 3694
Ion Ratio Lower Upper
252 100
253 73.9 0.0 60.6#
125 96.1 0.0 51.0#

