

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032396.D
 Acq On : 02 Jul 2024 12:22
 Operator : MA/JU
 Sample : P2871-02MS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C66MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 14:29:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	7533	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.382	136	24243	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	14286	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.007	188	27501	0.400	ng/ul	-0.02
17) Chrysene-d12	21.214	240	16046	0.400	ng/ul	#-0.01
23) Perylene-d12	23.430	264	21189	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	3872	0.462	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	10934	0.301	ng/ul	-0.02
18) Fluoranthene-d10	19.041	212	19833	0.411	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	9046	0.949	ng/ul	92
5) Naphthalene	10.431	128	32174	0.501	ng/ul	100
7) 2-Methylnaphthalene	12.054	142	19911	0.468	ng/ul	99
8) 1-Methylnaphthalene	12.274	142	20875	0.473	ng/ul	99
10) Acenaphthylene	13.971	152	59473	1.001	ng/ul	99
11) Acenaphthene	14.313	153	41551	0.901	ng/ul	98
12) Fluorene	15.308	166	62555	1.138	ng/ul	99
14) Pentachlorophenol	16.670	266	3671	0.590	ng/ul	100
15) Phenanthrene	17.050	178	1025184	13.597	ng/ul	99
16) Anthracene	17.138	178	209084	3.109	ng/ul	100
19) Fluoranthene	19.073	202	1678859	27.476	ng/ul	98
20) Pyrene	19.440	202	1176505	18.425	ng/ul	99
21) Benzo(a)anthracene	21.197	228	634740	10.960	ng/ul	98
22) Chrysene	21.249	228	668069	10.510	ng/ul	97
24) Benzo(b)fluoranthene	22.766	252	899193m	9.768	ng/ul	
25) Benzo(k)fluoranthene	22.807	252	345137m	3.859	ng/ul	
26) Benzo(a)pyrene	23.333	252	363942	5.682	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.666	276	348535	3.475	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.666	278	125552	1.685	ng/ul#	92
29) Benzo(g,h,i)perylene	26.354	276	51083	0.639	ng/ul#	84

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

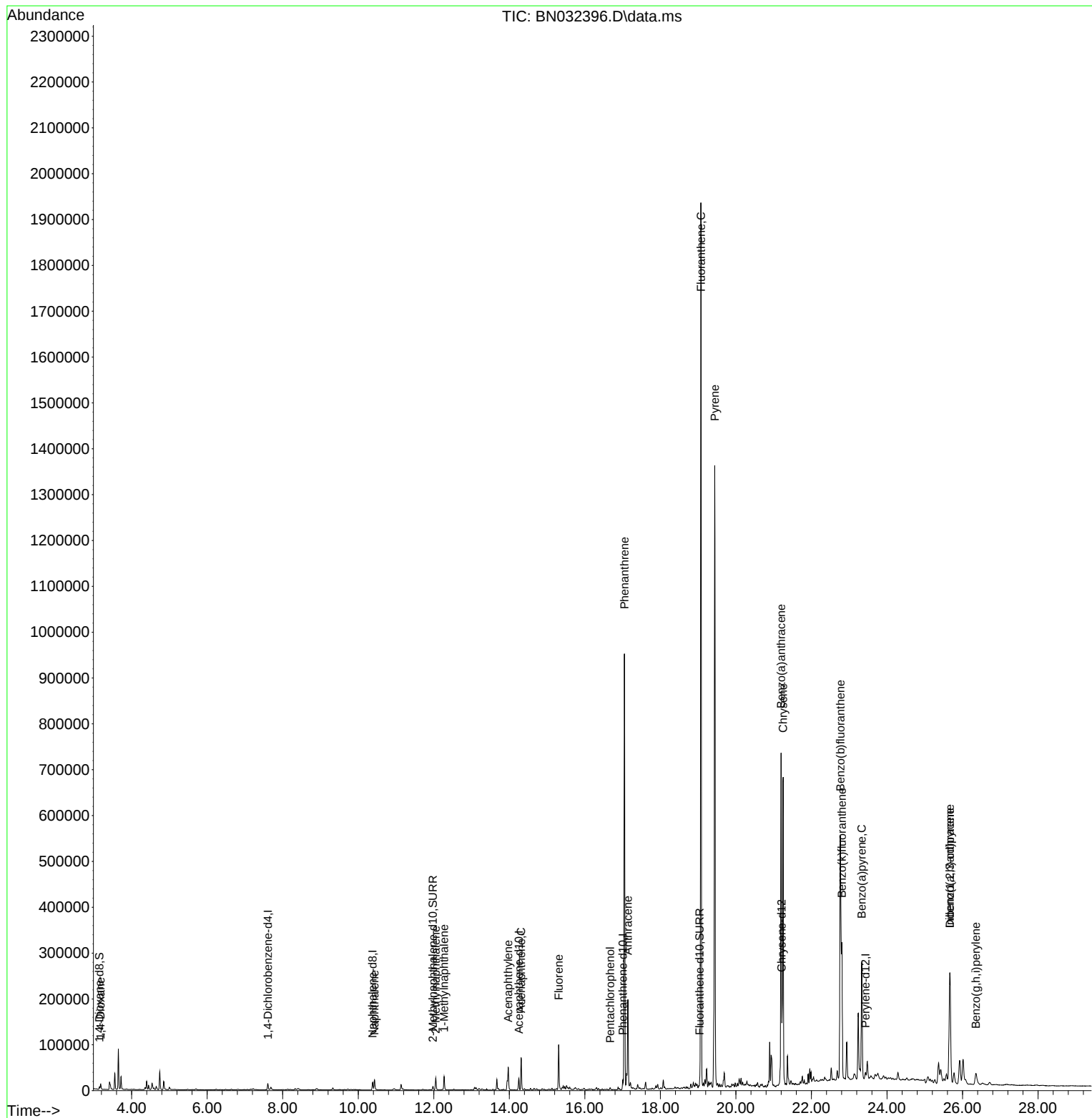
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032396.D
Acq On : 02 Jul 2024 12:22
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ALS Vial : 42 Sample Multiplier: 1

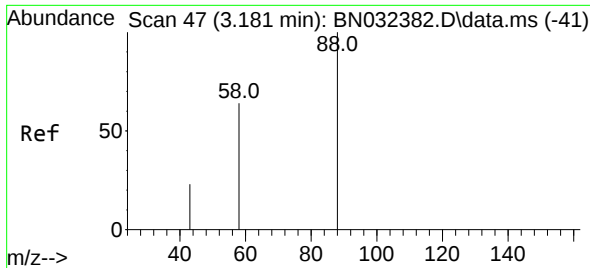
Instrument :
BNA_N
ClientSampleId :
A4C66MS

Quant Time: Jul 02 14:29:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

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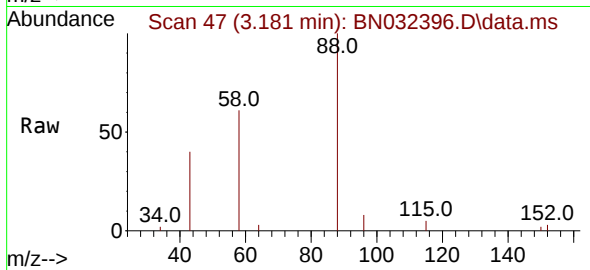
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024





#2
1,4-Dioxane
Concen: 0.949 ng/ul
RT: 3.181 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22

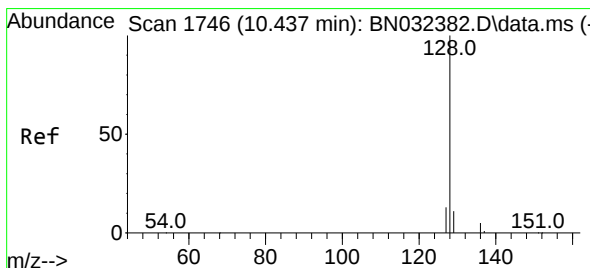
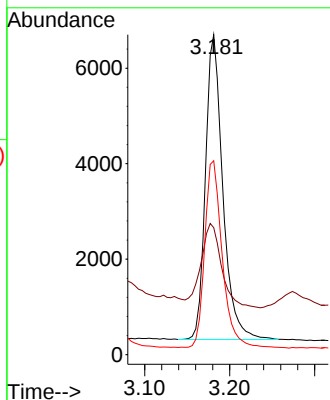
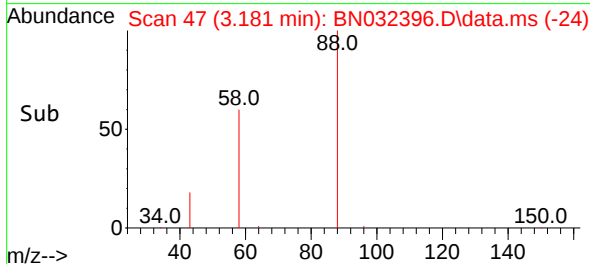
Instrument :
BNA_N
ClientSampleId :
A4C66MS



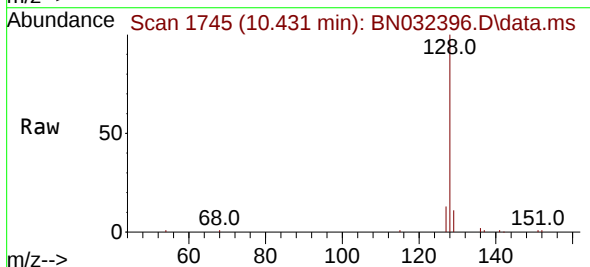
Tgt Ion: 88 Resp: 9040
Ion Ratio Lower Upper
88 100
43 39.7 28.4 42.6
58 60.6 43.3 64.9

Manual Integrations
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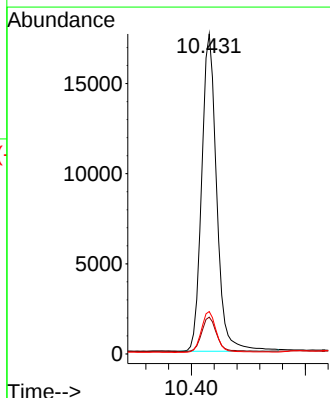
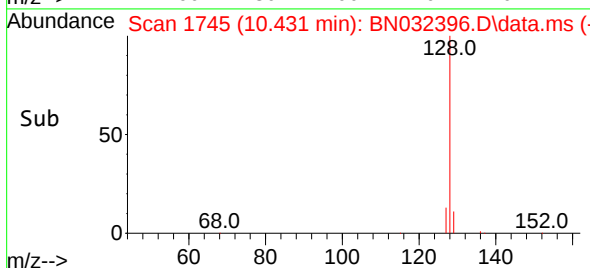
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

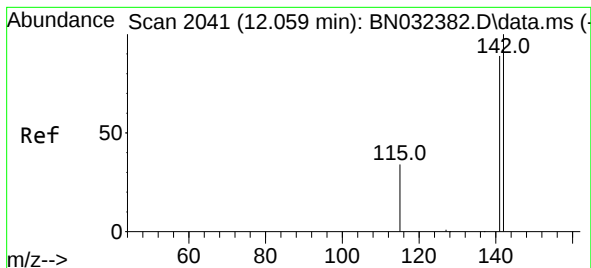


#5
Naphthalene
Concen: 0.501 ng/ul
RT: 10.431 min Scan# 1745
Delta R.T. -0.017 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22



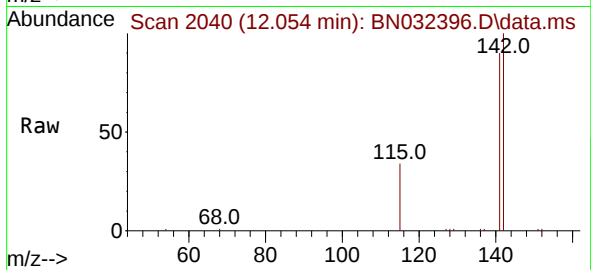
Tgt Ion:128 Resp: 32174
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.3 10.8 16.2





#7
2-Methylnaphthalene
Concen: 0.468 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. -0.022 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22

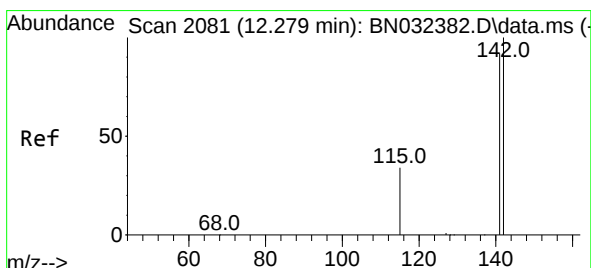
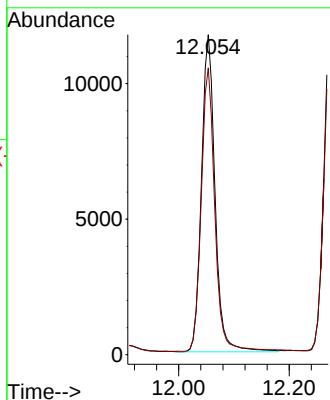
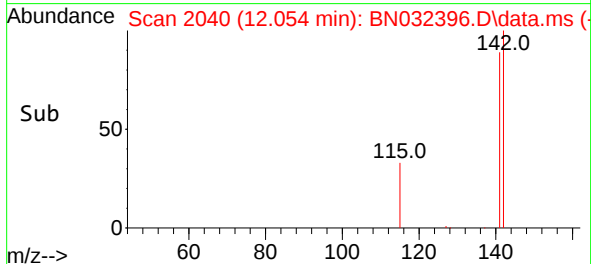
Instrument :
BNA_N
ClientSampleId :
A4C66MS



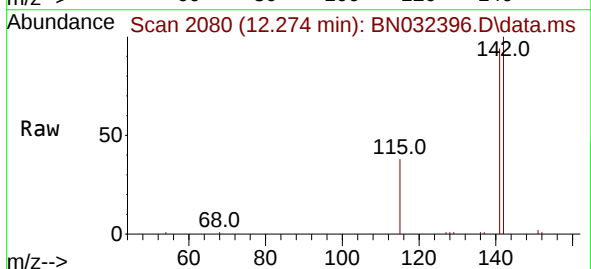
Tgt Ion:142 Resp: 1991
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.2

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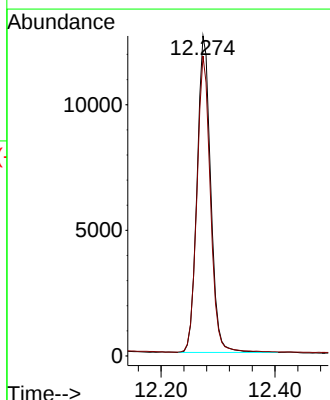
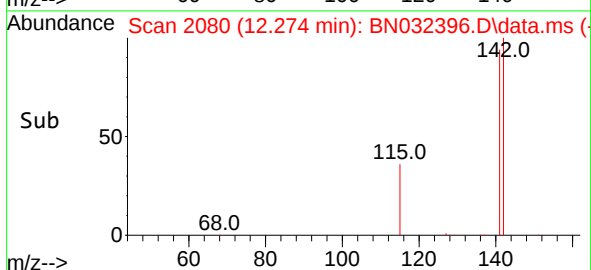
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

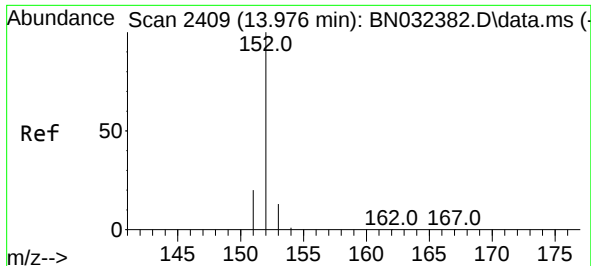


#8
1-Methylnaphthalene
Concen: 0.473 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. -0.022 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22



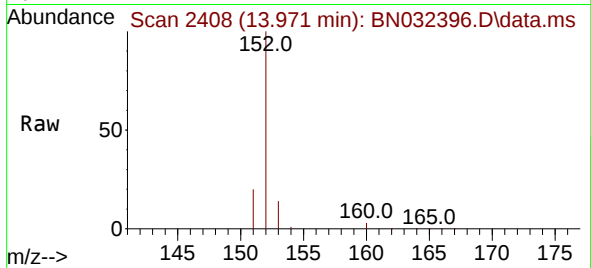
Tgt Ion:142 Resp: 20875
Ion Ratio Lower Upper
142 100
141 92.9 73.4 110.0





#10
Acenaphthylene
Concen: 1.001 ng/u1
RT: 13.971 min Scan# 2408
Delta R.T. -0.019 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22

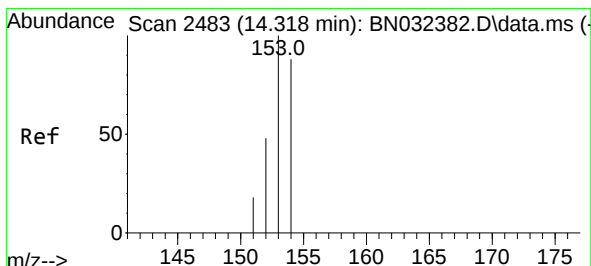
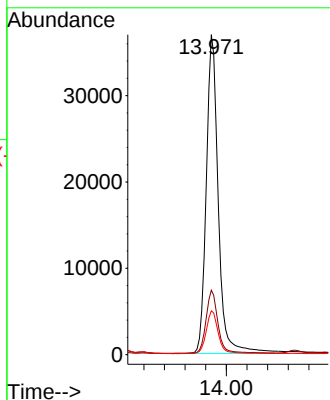
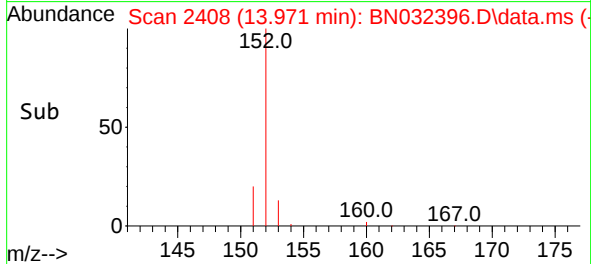
Instrument :
BNA_N
ClientSampleId :
A4C66MS



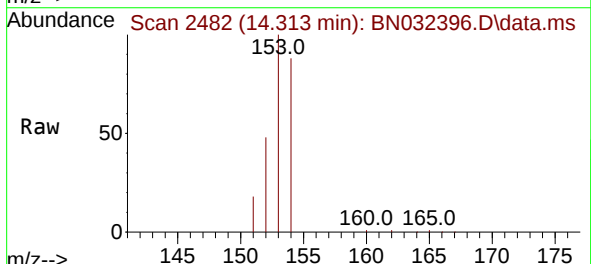
Tgt Ion:152 Resp: 5947
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.7 10.9 16.3

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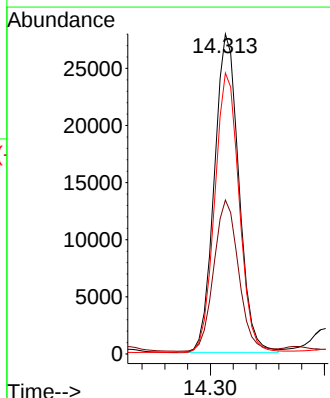
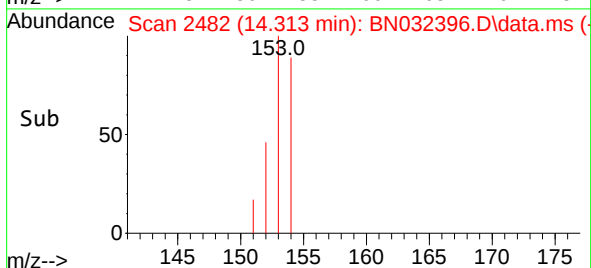
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

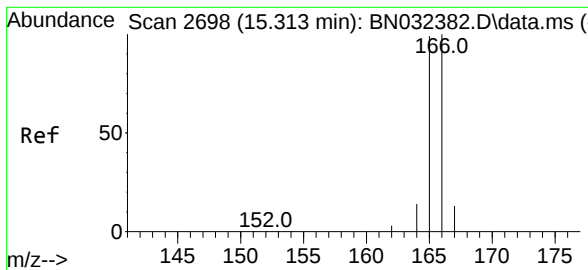


#11
Acenaphthene
Concen: 0.901 ng/u1
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22



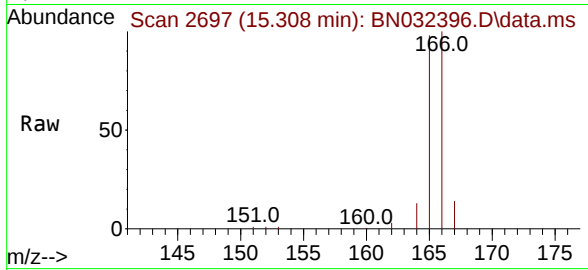
Tgt Ion:153 Resp: 41551
Ion Ratio Lower Upper
153 100
152 48.1 39.5 59.3
154 87.8 71.7 107.5





#12
Fluorene
Concen: 1.138 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.019 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22

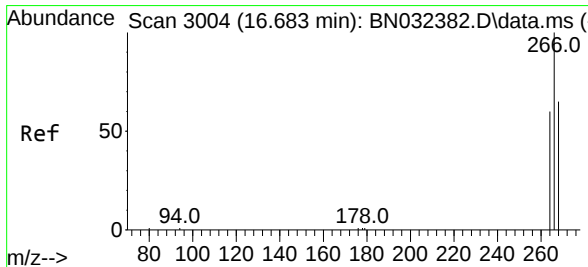
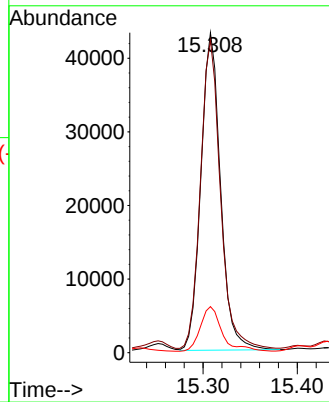
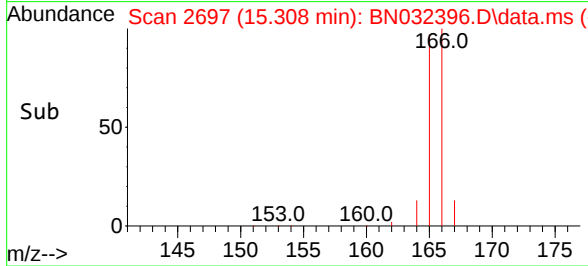
Instrument :
BNA_N
ClientSampleId :
A4C66MS



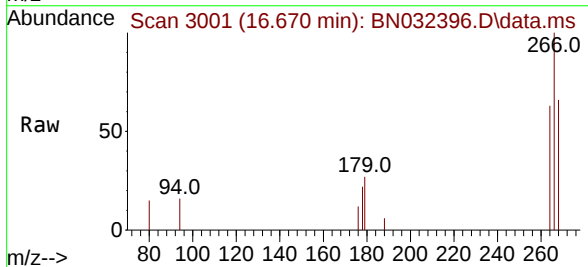
Tgt Ion:166 Resp: 6255
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.6
167 14.4 11.0 16.6

Manual Integrations
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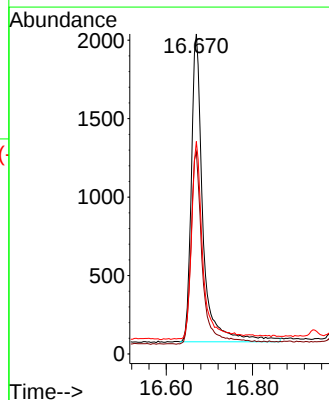
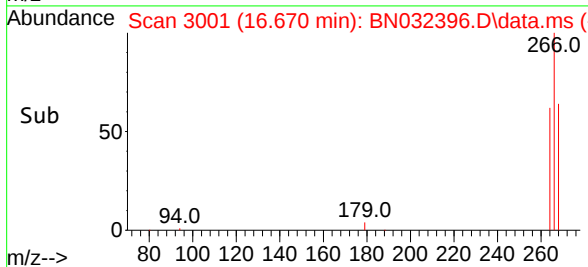
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

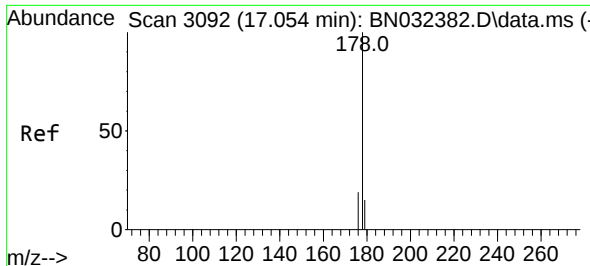


#14
Pentachlorophenol
Concen: 0.590 ng/ul
RT: 16.670 min Scan# 3001
Delta R.T. -0.030 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22



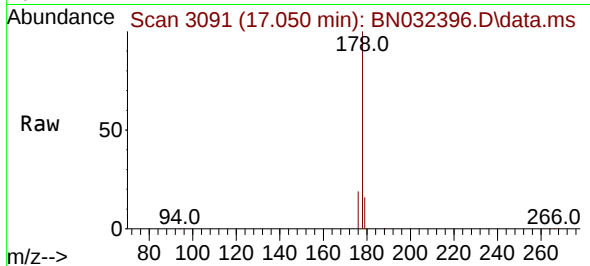
Tgt Ion:266 Resp: 3671
Ion Ratio Lower Upper
266 100
264 62.7 49.9 74.9
268 65.4 52.4 78.6





#15
Phenanthrene
Concen: 13.597 ng/ul
RT: 17.050 min Scan# 3092
Delta R.T. -0.017 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22

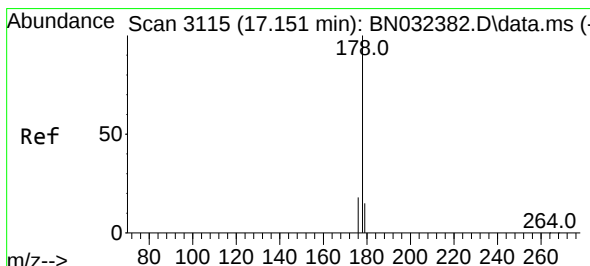
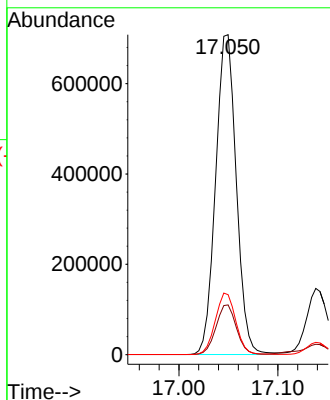
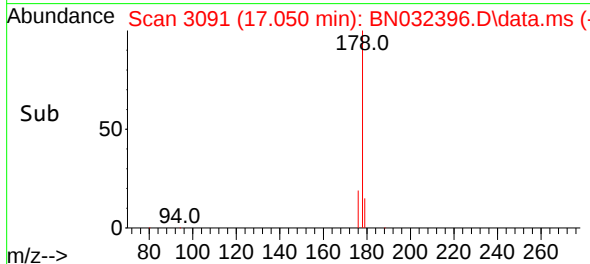
Instrument :
BNA_N
ClientSampleId :
A4C66MS



Tgt Ion:178 Resp: 1025184
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 18.8 15.6 23.4

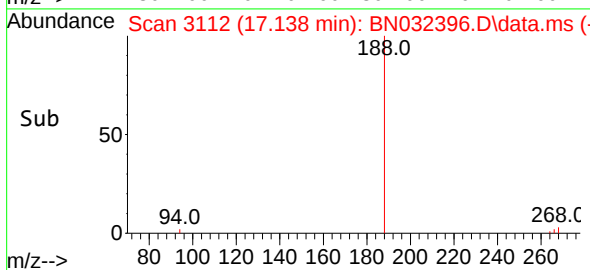
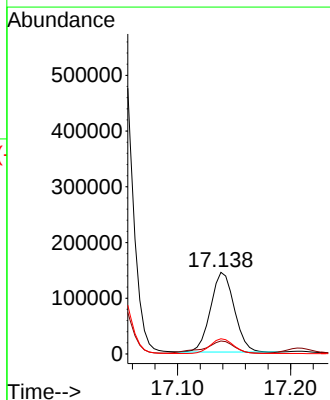
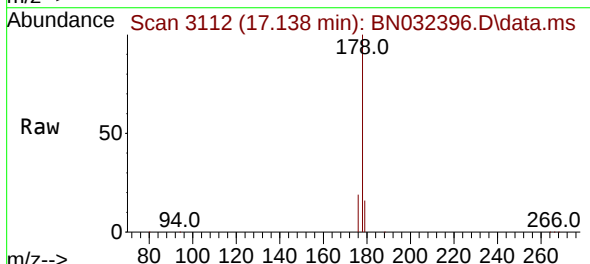
Manual Integrations
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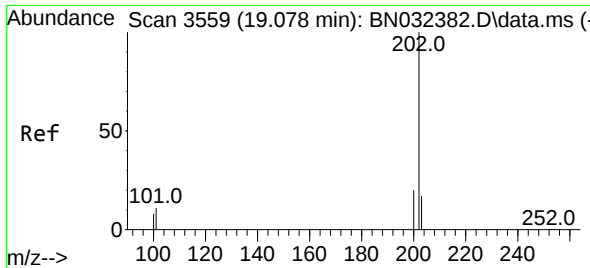
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 3.109 ng/ul
RT: 17.138 min Scan# 3112
Delta R.T. -0.021 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22

Tgt Ion:178 Resp: 209084
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 18.7 15.0 22.6





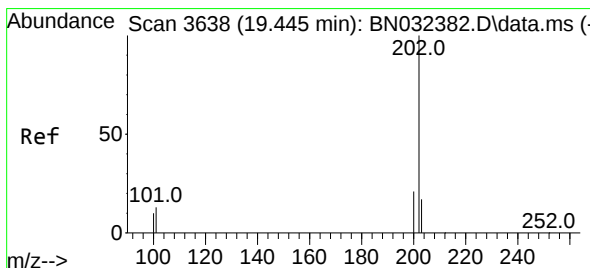
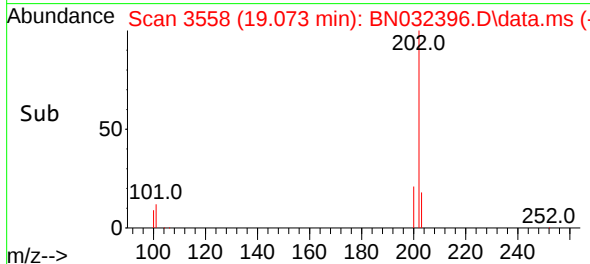
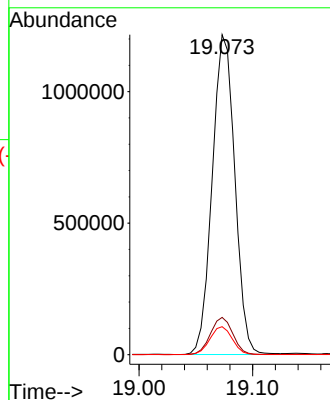
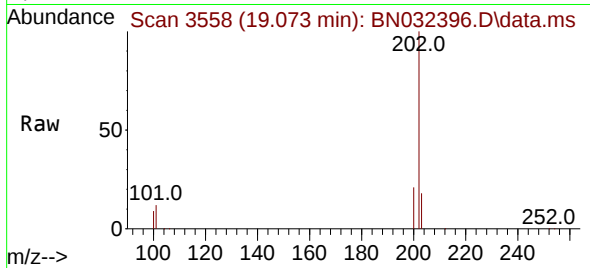
#19
Fluoranthene
Concen: 27.476 ng/u1
RT: 19.073 min Scan# 3559
Delta R.T. -0.019 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22

Instrument :
BNA_N
ClientSampleId :
A4C66MS

Tgt Ion:202 Resp: 167885
Ion Ratio Lower Upper
202 100
101 11.7 8.8 13.2
100 8.8 6.4 9.6

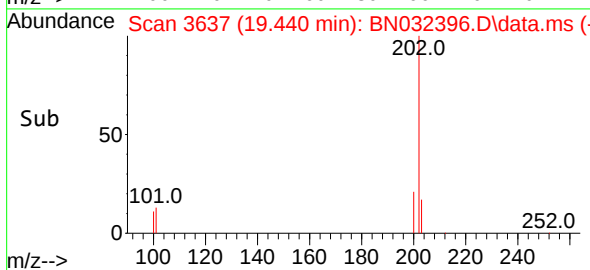
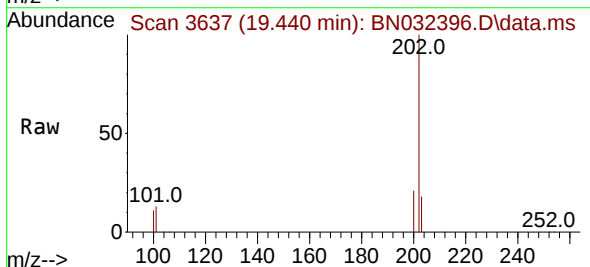
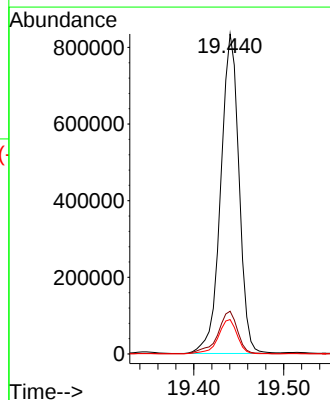
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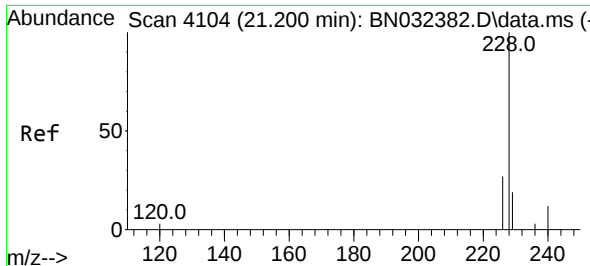
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 18.425 ng/u1
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22

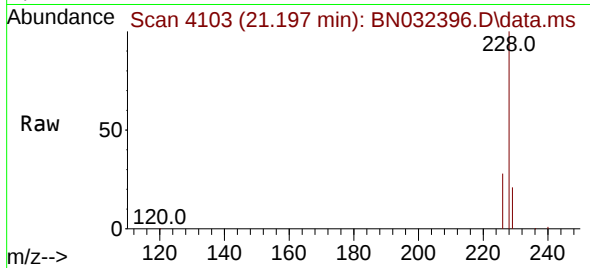
Tgt Ion:202 Resp: 1176505
Ion Ratio Lower Upper
202 100
101 13.4 11.0 16.4
100 10.8 8.7 13.1





#21
Benzo(a)anthracene
Concen: 10.960 ng/ul
RT: 21.197 min Scan# 4104
Delta R.T. -0.018 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22

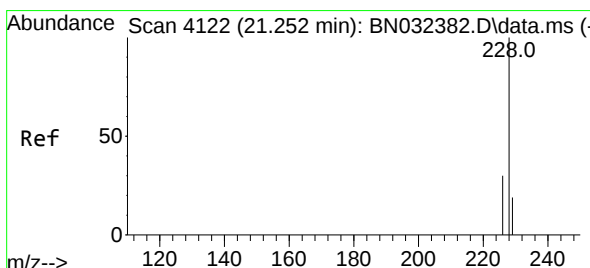
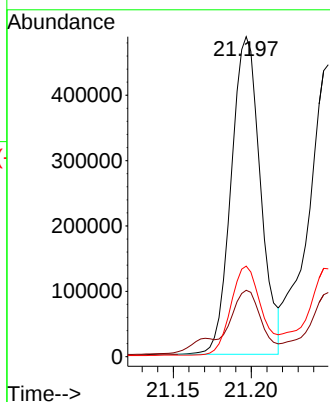
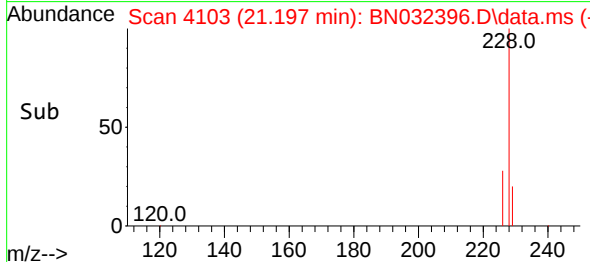
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 634740
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 28.3 21.8 32.8

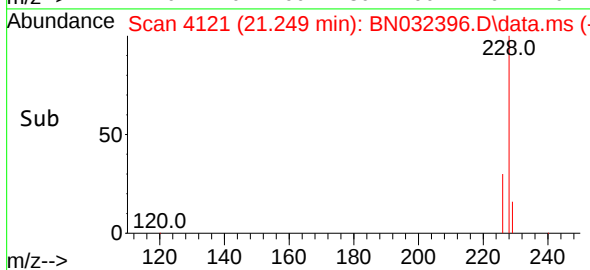
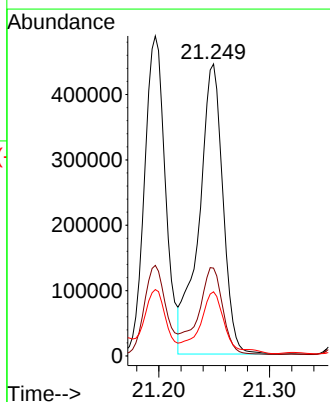
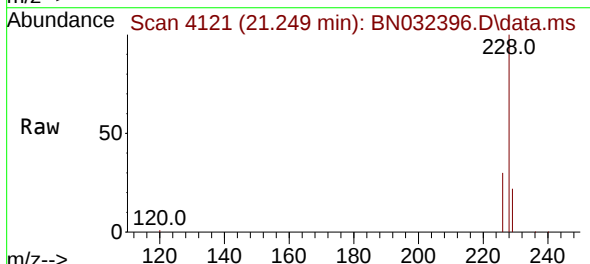
Manual Integrations
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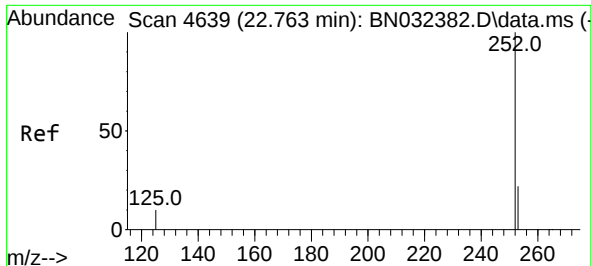
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 10.510 ng/ul
RT: 21.249 min Scan# 4121
Delta R.T. -0.018 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22

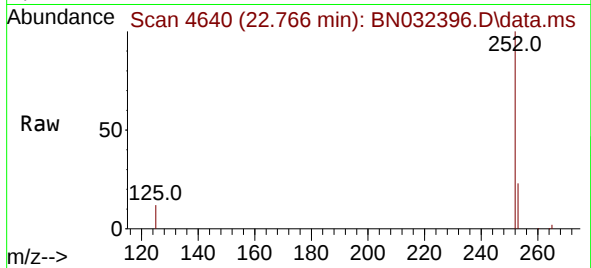
Tgt Ion:228 Resp: 668069
Ion Ratio Lower Upper
228 100
226 30.1 23.6 35.4
229 22.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 9.768 ng/ul m
RT: 22.766 min Scan# 4639
Delta R.T. -0.018 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22

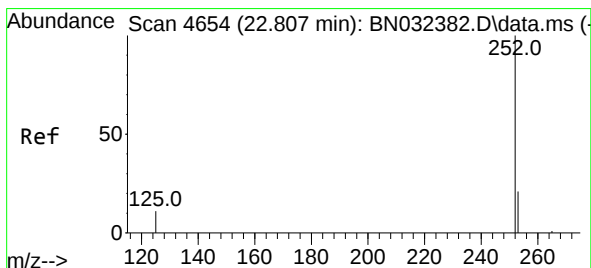
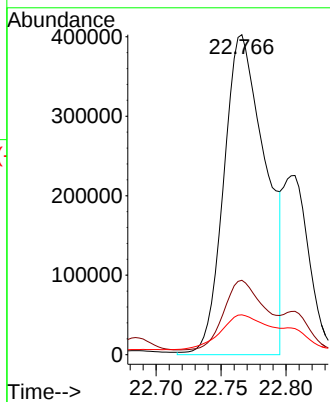
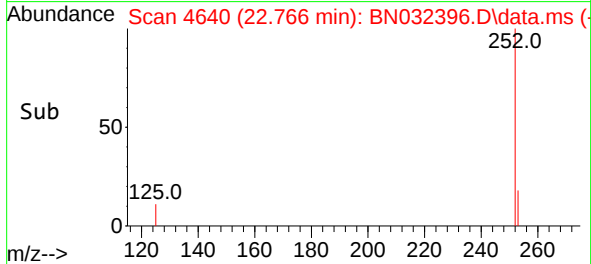
Instrument :
BNA_N
ClientSampleId :
A4C66MS



Tgt Ion:252 Resp: 89919
Ion Ratio Lower Upper
252 100
253 23.3 0.0 50.2
125 12.5 0.0 32.0

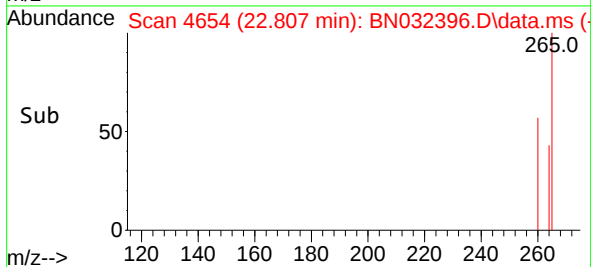
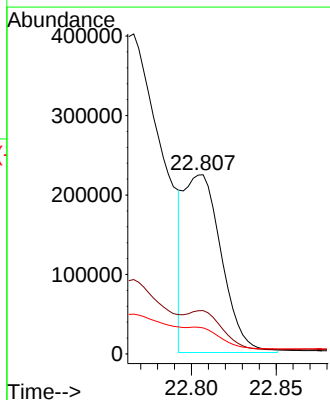
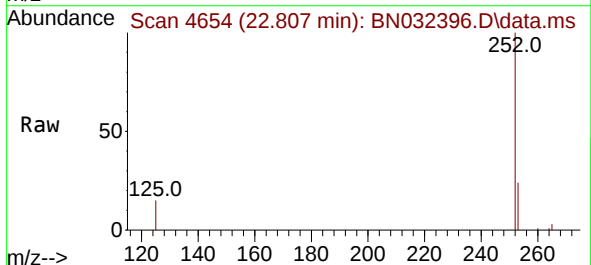
Manual Integrations
APPROVED

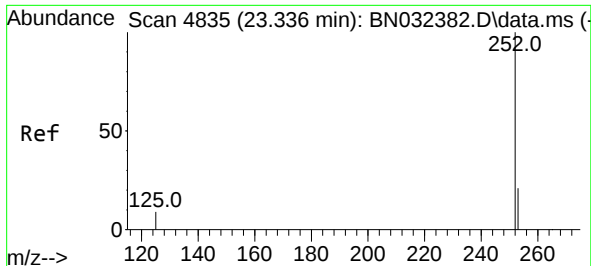
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 3.859 ng/ul m
RT: 22.807 min Scan# 4654
Delta R.T. -0.021 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22

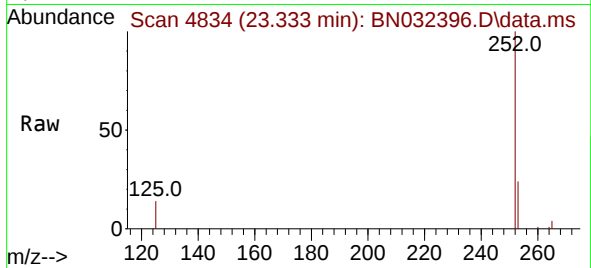
Tgt Ion:252 Resp: 345137
Ion Ratio Lower Upper
252 100
253 24.2 20.3 30.5
125 14.5 12.8 19.2





#26
Benzo(a)pyrene
Concen: 5.682 ng/ul
RT: 23.333 min Scan# 4834
Delta R.T. -0.027 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22

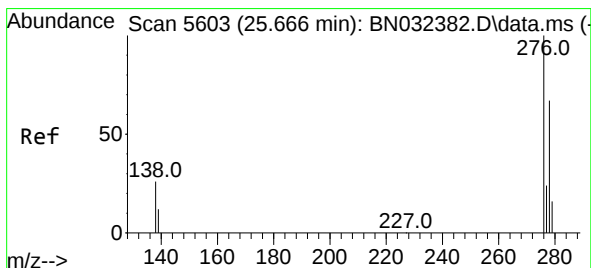
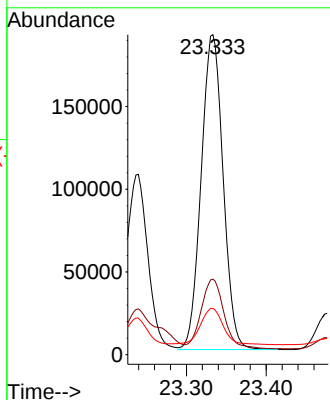
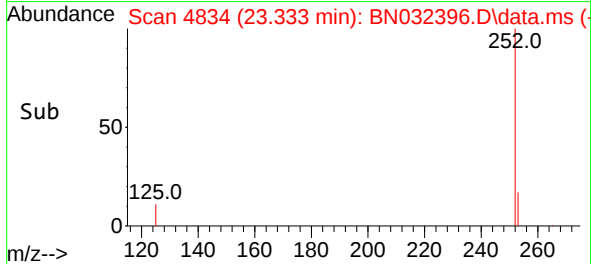
Instrument :
BNA_N
ClientSampleId :
A4C66MS



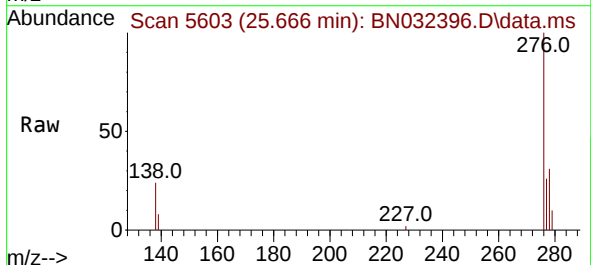
Tgt Ion:252 Resp: 36394
Ion Ratio Lower Upper
252 100
253 23.6 22.2 33.2
125 14.5 16.4 24.6

Manual Integrations
APPROVED

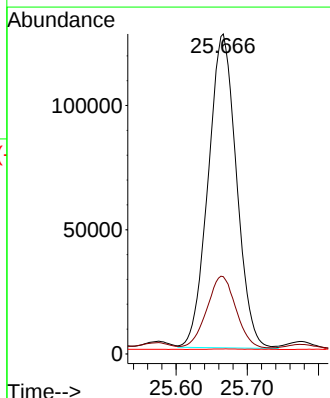
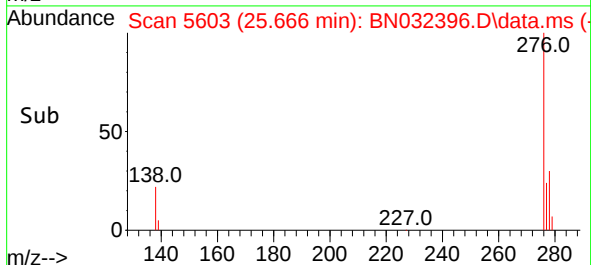
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

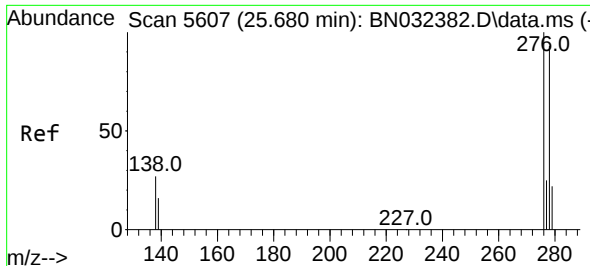


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.475 ng/ul
RT: 25.666 min Scan# 5603
Delta R.T. -0.034 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22



Tgt Ion:276 Resp: 348535
Ion Ratio Lower Upper
276 100
138 23.5 21.3 31.9
227 0.2 0.1 0.1





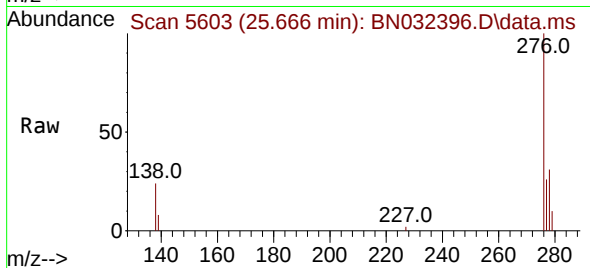
#28
Dibenzo(a,h)anthracene
Concen: 1.685 ng/ul
RT: 25.666 min Scan# 5603
Delta R.T. -0.044 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22

Instrument :

BNA_N

ClientSampleId :

A4C66MS

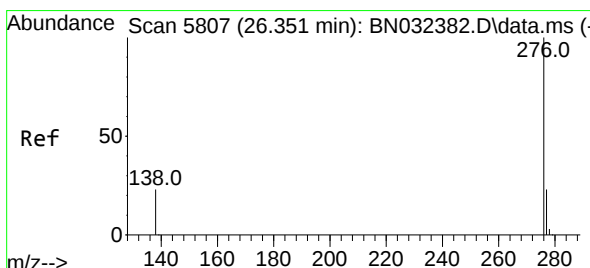
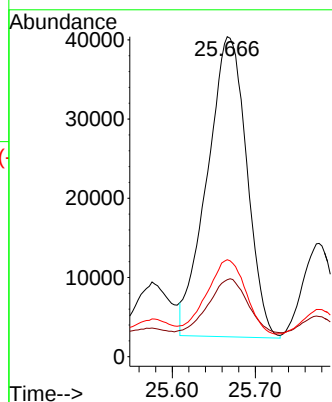
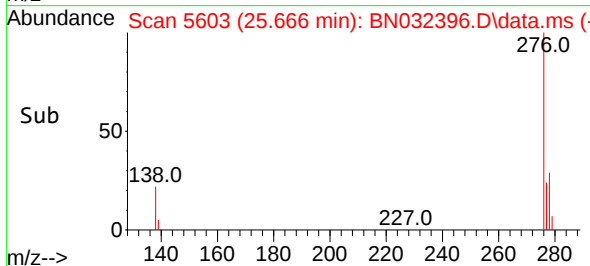


Tgt Ion:278 Resp: 125552
Ion Ratio Lower Upper
278 100
139 24.1 15.9 23.9#
279 30.3 21.1 31.7

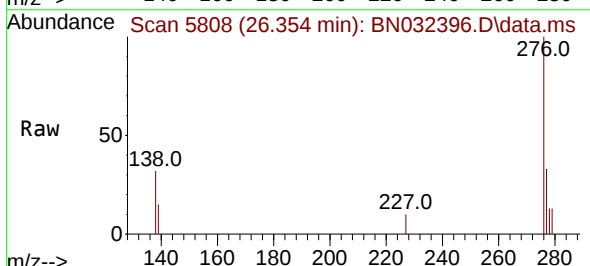
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 0.639 ng/ul
RT: 26.354 min Scan# 5808
Delta R.T. -0.027 min
Lab File: BN032396.D
Acq: 02 Jul 2024 12:22



Tgt Ion:276 Resp: 51083
Ion Ratio Lower Upper
276 100
138 32.1 19.8 29.6#
277 33.4 19.8 29.6#

