

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033097.D
 Acq On : 30 Jul 2024 09:32
 Operator : MA/JU
 Sample : P3329-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E08

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 11:02:18 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	7.487	152	2306	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.240	136	8274	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.129	164	7009	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.895	188	12868m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.123	240	11176m	0.400	ng/ul	-0.04
23) Perylene-d12	23.309	264	10572m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	7275	2.494	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.840	152	2539	0.188	ng/ul	-0.07
18) Fluoranthene-d10	18.940	212	7060	0.223	ng/ul	-0.04
Target Compounds						Qvalue
5) Naphthalene	10.295	128	4309630	202.827	ng/ul#	92
7) 2-Methylnaphthalene	11.917	142	755381	52.480	ng/ul	95
8) 1-Methylnaphthalene	12.137	142	336861	21.641	ng/ul	100
10) Acenaphthylene	13.852	152	28439	0.991	ng/ul#	91
11) Acenaphthene	14.194	153	520812	24.138	ng/ul	98
12) Fluorene	15.193	166	644154	25.615	ng/ul	98
15) Phenanthrene	16.941	178	2585777m	74.917	ng/ul	
16) Anthracene	17.034	178	1852252m	59.689	ng/ul	
19) Fluoranthene	18.973	202	1619273	44.004	ng/ul	98
20) Pyrene	19.340	202	1114596	28.245	ng/ul	99
21) Benzo(a)anthracene	21.105	228	370675m	9.724	ng/ul	
22) Chrysene	21.158	228	396027	8.902	ng/ul	99
24) Benzo(b)fluoranthene	22.654	252	187803m	6.081	ng/ul	
25) Benzo(k)fluoranthene	22.692	252	78747m	2.128	ng/ul	
26) Benzo(a)pyrene	23.206	252	117288	4.035	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.497	276	37094	0.839	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.494	278	9612	0.274	ng/ul	93
29) Benzo(g,h,i)perylene	26.175	276	28086	0.800	ng/ul	94

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

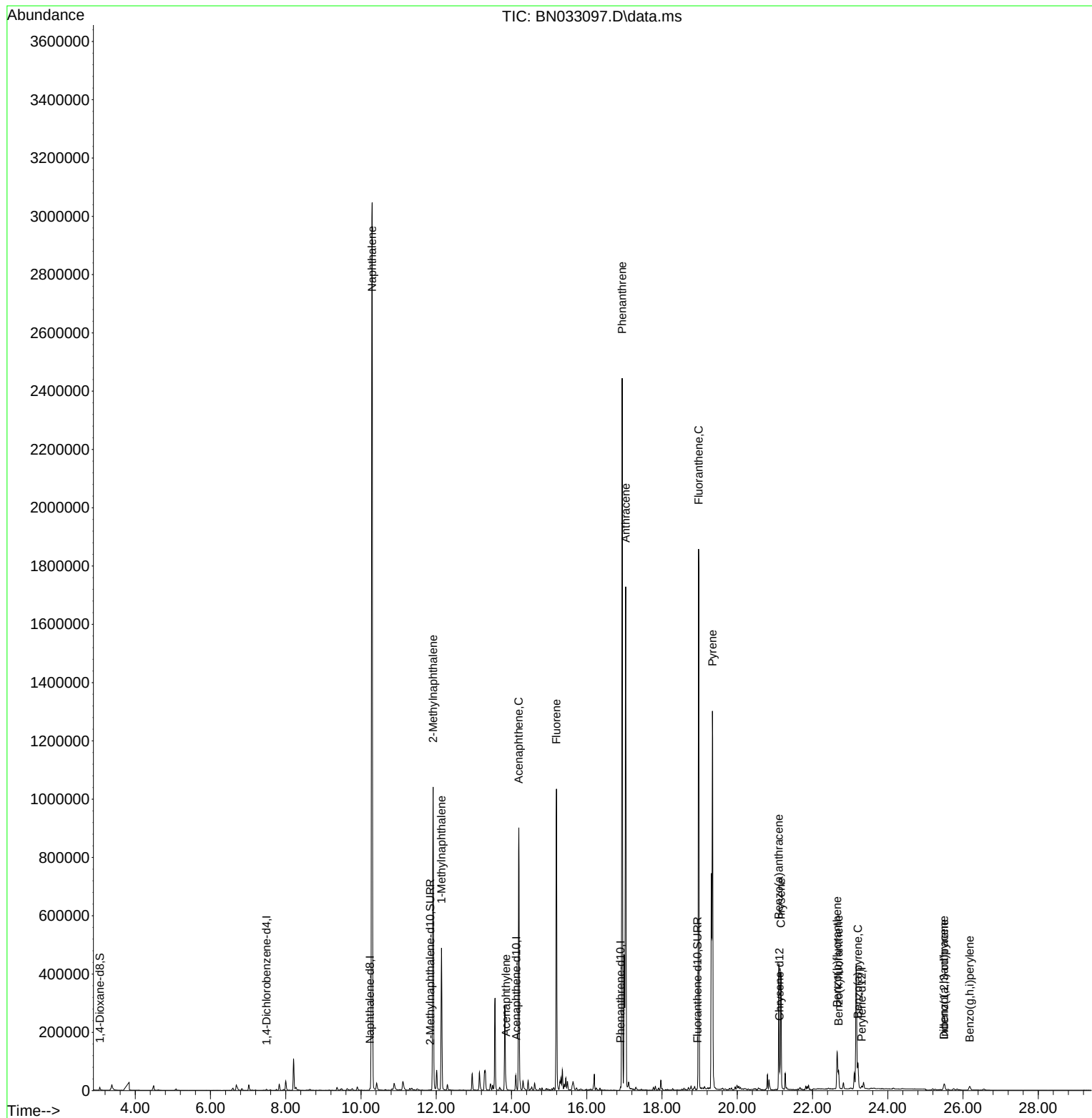
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033097.D
Acq On : 30 Jul 2024 09:32
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Sample : P3329-06
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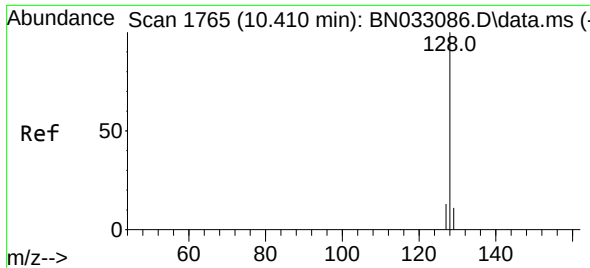
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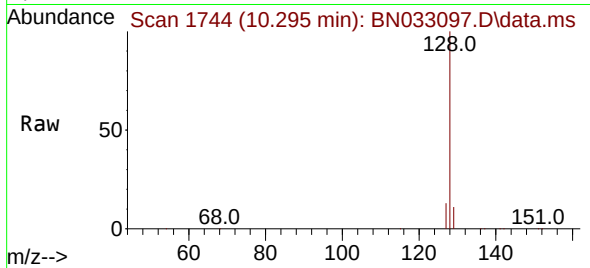
Quant Time: Jul 30 11:02:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
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#5
Naphthalene
Concen: 202.827 ng/ul
RT: 10.295 min Scan# 1765
Delta R.T. -0.055 min
Lab File: BN033097.D
Acq: 30 Jul 2024 09:32

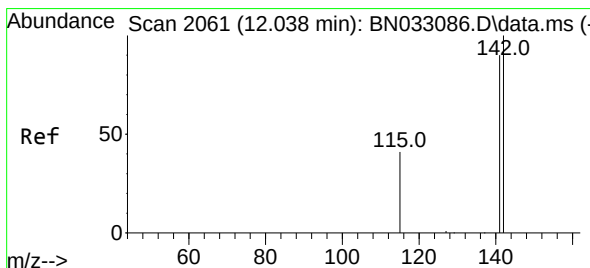
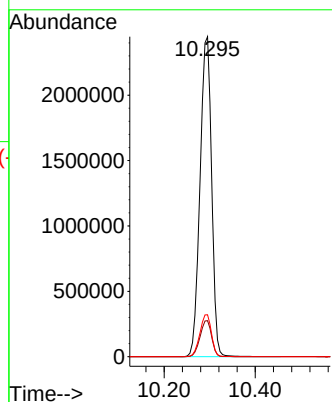
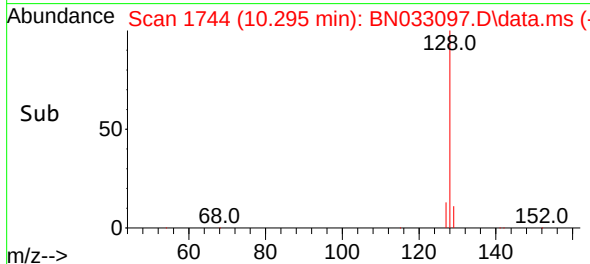
Instrument :
BNA_N
ClientSampleId :
F7E08



Tgt Ion:128 Resp: 4309630
Ion Ratio Lower Upper
128 100
129 11.3 12.0 18.0
127 13.1 12.7 19.1

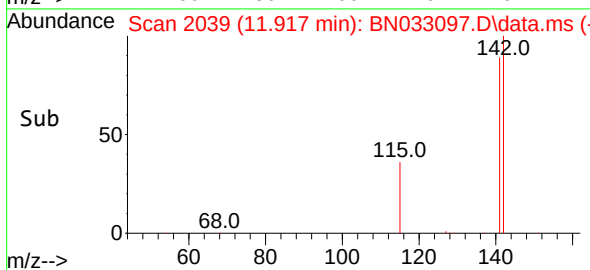
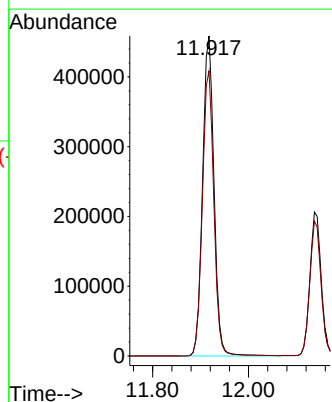
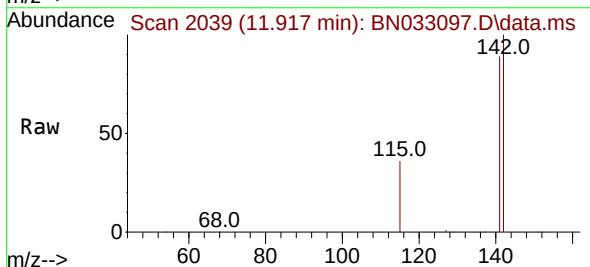
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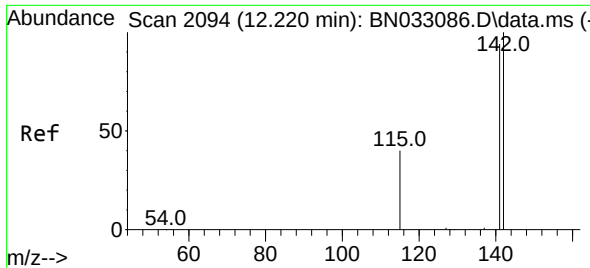
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#7
2-Methylnaphthalene
Concen: 52.480 ng/ul
RT: 11.917 min Scan# 2039
Delta R.T. -0.066 min
Lab File: BN033097.D
Acq: 30 Jul 2024 09:32

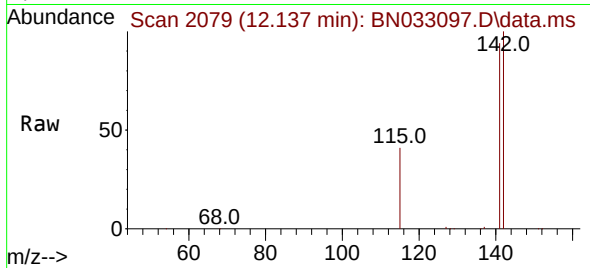
Tgt Ion:142 Resp: 755381
Ion Ratio Lower Upper
142 100
141 89.6 75.2 112.8





#8
1-Methylnaphthalene
Concen: 21.641 ng/ul
RT: 12.137 min Scan# 2094
Delta R.T. -0.060 min
Lab File: BN033097.D
Acq: 30 Jul 2024 09:32

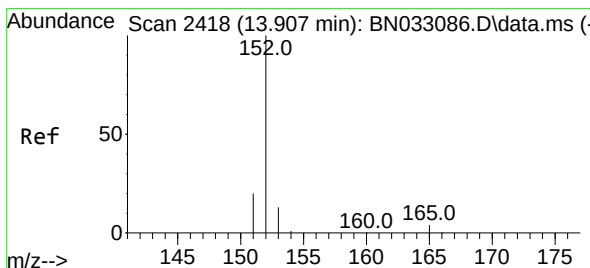
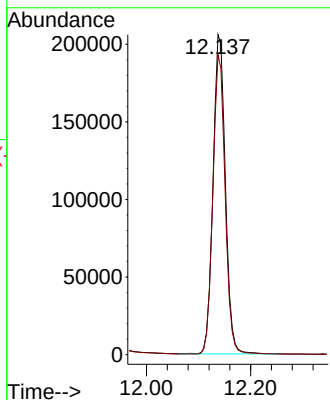
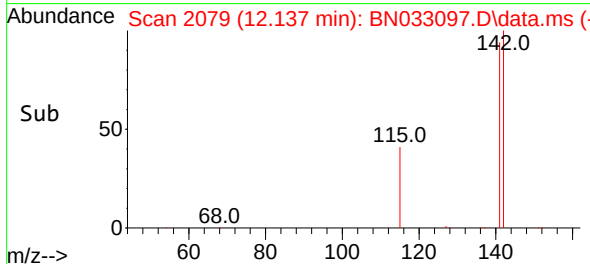
Instrument :
BNA_N
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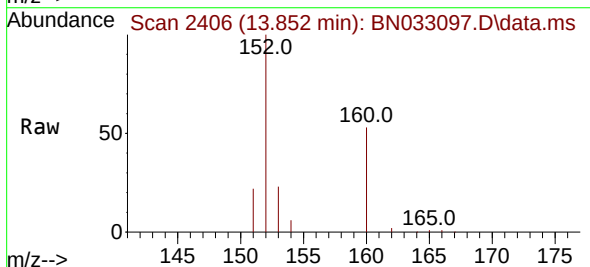
Tgt Ion:142 Resp: 33686
Ion Ratio Lower Upper
142 100
141 93.0 74.3 111.5

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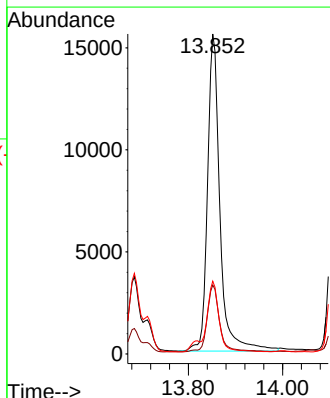
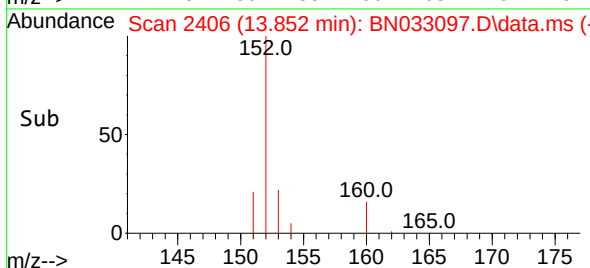
Reviewed By :Jagrut Upadhyay 07/30/2024
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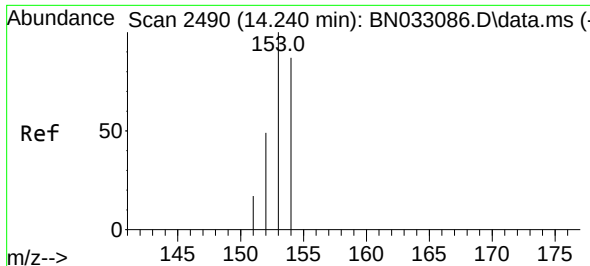


#10
Acenaphthylene
Concen: 0.991 ng/ul
RT: 13.852 min Scan# 2406
Delta R.T. -0.046 min
Lab File: BN033097.D
Acq: 30 Jul 2024 09:32



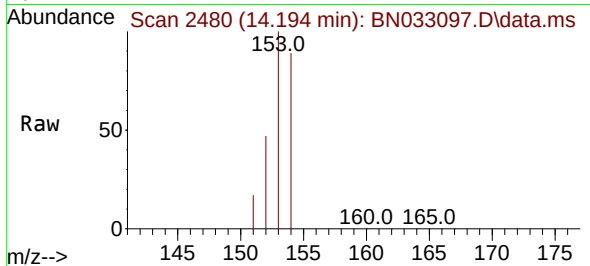
Tgt Ion:152 Resp: 28439
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2
153 22.8 11.9 17.9#





#11
Acenaphthene
Concen: 24.138 ng/ul
RT: 14.194 min Scan# 2490
Delta R.T. -0.041 min
Lab File: BN033097.D
Acq: 30 Jul 2024 09:32

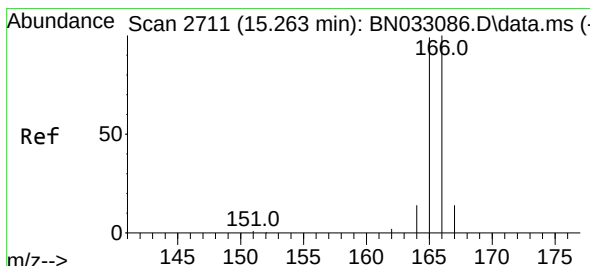
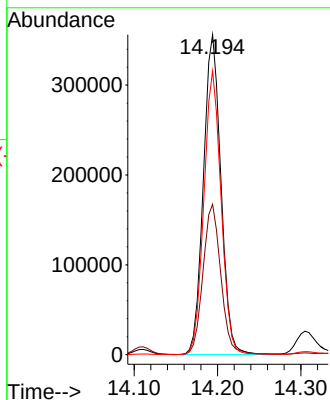
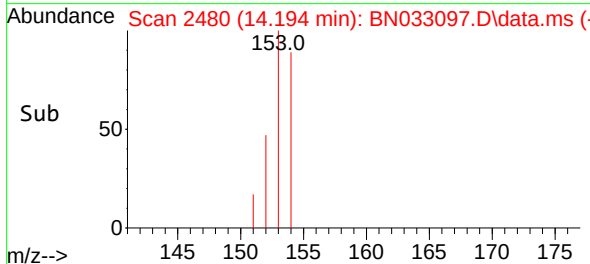
Instrument :
BNA_N
ClientSampleId :
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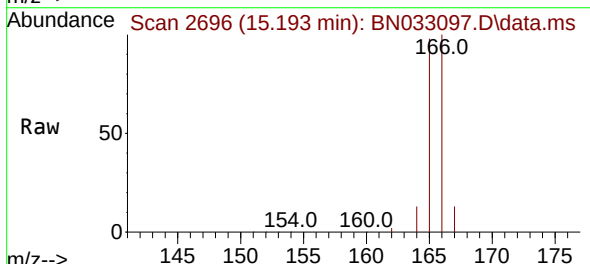
Tgt Ion:153 Resp: 520812
Ion Ratio Lower Upper
153 100
152 47.0 40.0 60.0
154 88.7 70.1 105.1

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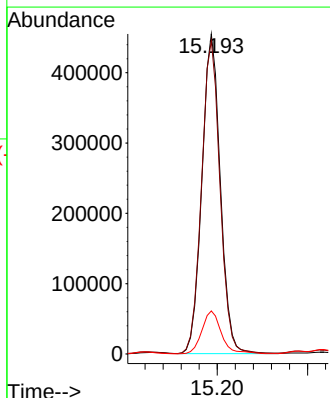
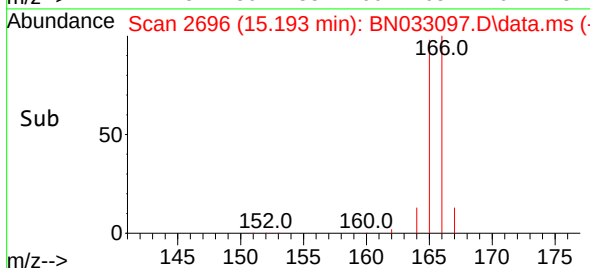
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

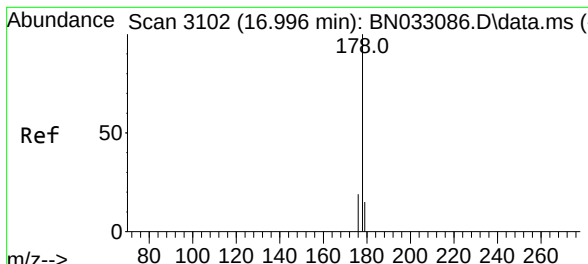


#12
Fluorene
Concen: 25.615 ng/ul
RT: 15.193 min Scan# 2696
Delta R.T. -0.051 min
Lab File: BN033097.D
Acq: 30 Jul 2024 09:32



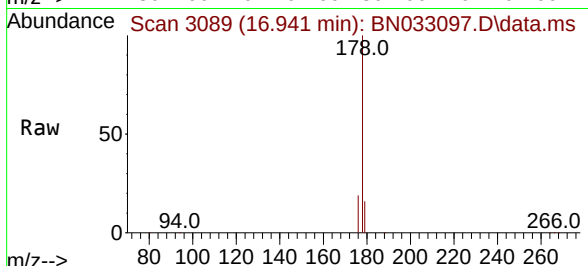
Tgt Ion:166 Resp: 644154
Ion Ratio Lower Upper
166 100
165 97.9 79.6 119.4
167 13.5 12.2 18.4





#15
Phenanthrene
Concen: 74.917 ng/ul m
RT: 16.941 min Scan# 3089
Delta R.T. -0.046 min
Lab File: BN033097.D
Acq: 30 Jul 2024 09:32

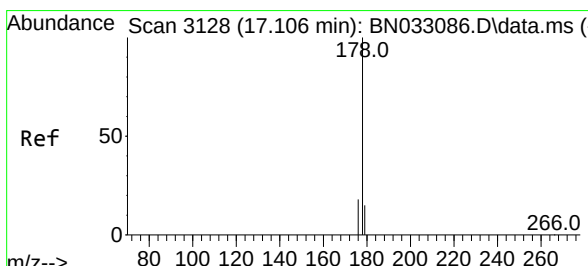
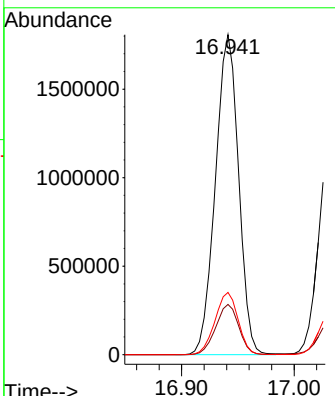
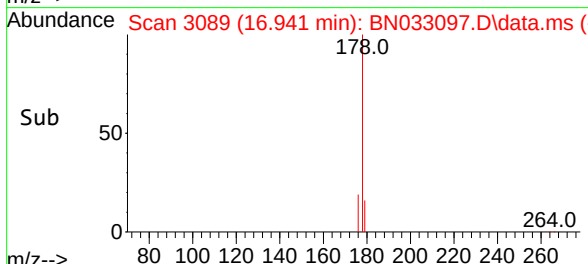
Instrument :
BNA_N
ClientSampleId :
F7E08



Tgt Ion:178 Resp: 258577
Ion Ratio Lower Upper
178 100
179 15.7 13.7 20.5
176 19.4 15.9 23.9

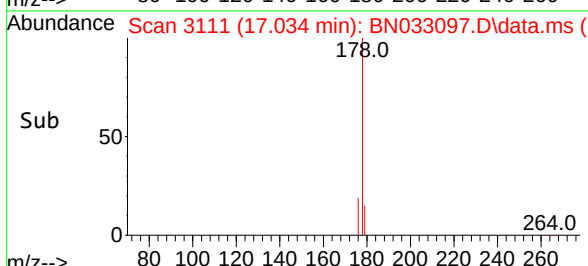
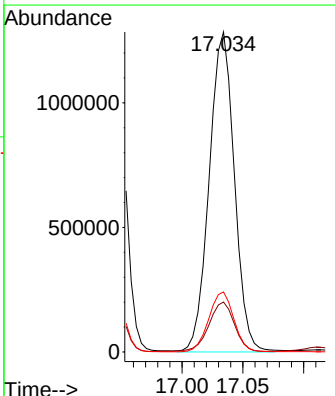
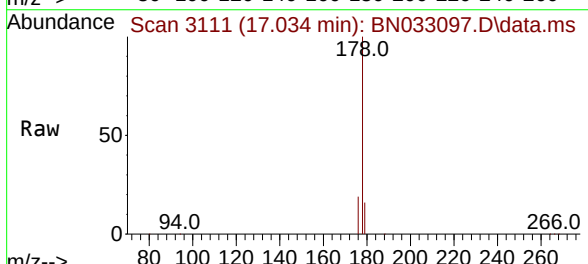
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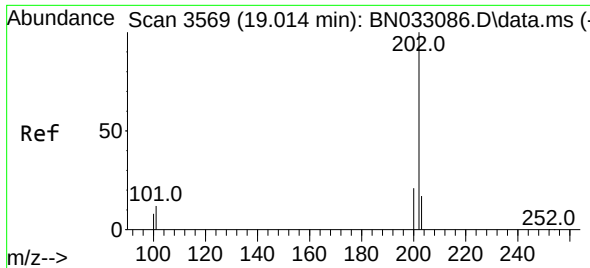
Reviewed By :Jagrut Upadhyay 07/30/2024
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#16
Anthracene
Concen: 59.689 ng/ul m
RT: 17.034 min Scan# 3111
Delta R.T. -0.050 min
Lab File: BN033097.D
Acq: 30 Jul 2024 09:32

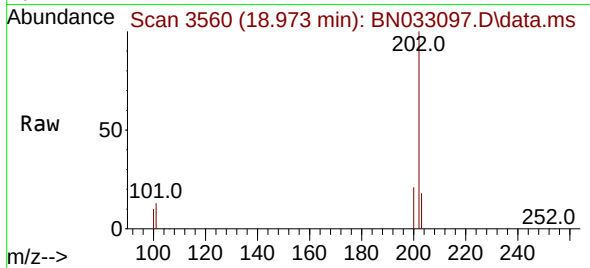
Tgt Ion:178 Resp: 1852252
Ion Ratio Lower Upper
178 100
179 15.6 14.3 21.5
176 18.7 15.8 23.8





#19
Fluoranthene
Concen: 44.004 ng/u1
RT: 18.973 min Scan# 3560
Delta R.T. -0.041 min
Lab File: BN033097.D
Acq: 30 Jul 2024 09:32

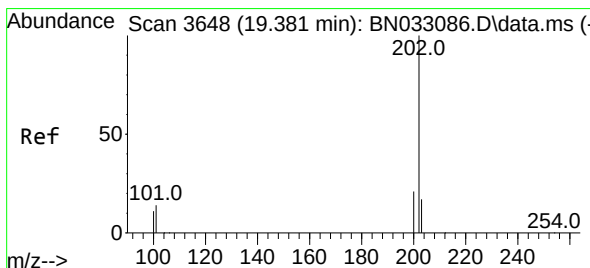
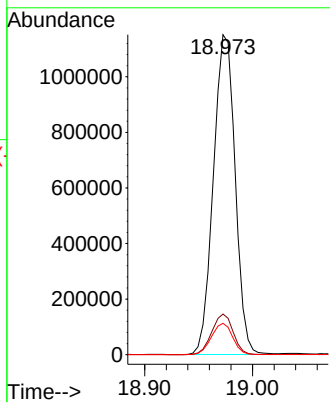
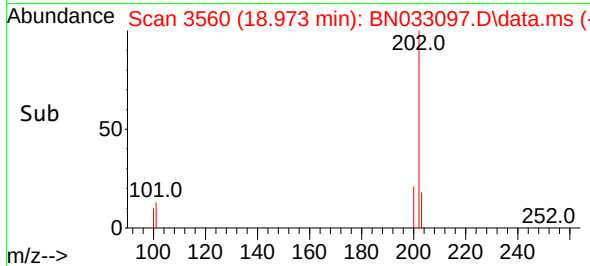
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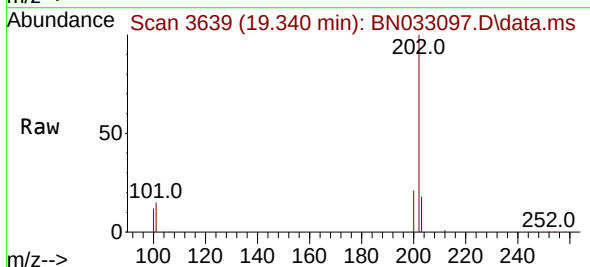
Tgt Ion:202 Resp: 161927
Ion Ratio Lower Upper
202 100
101 12.7 10.7 16.1
100 9.8 8.3 12.5

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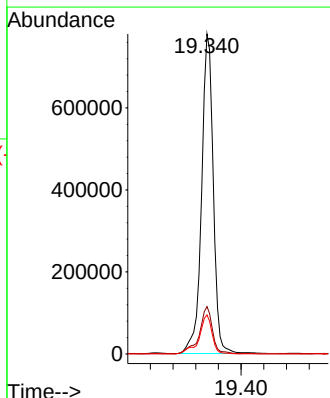
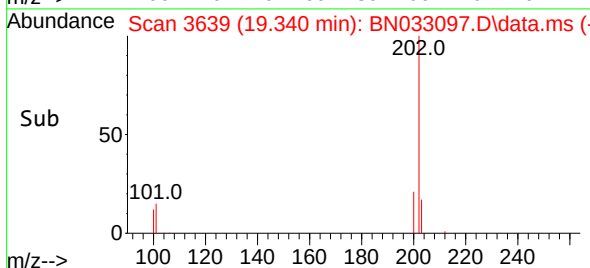
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

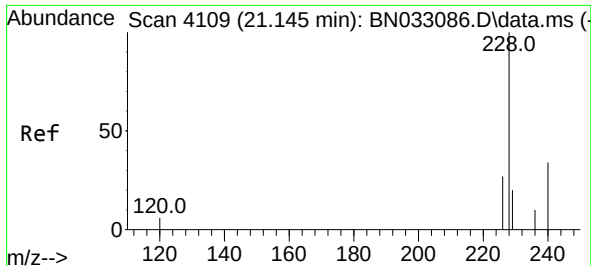


#20
Pyrene
Concen: 28.245 ng/u1
RT: 19.340 min Scan# 3639
Delta R.T. -0.041 min
Lab File: BN033097.D
Acq: 30 Jul 2024 09:32



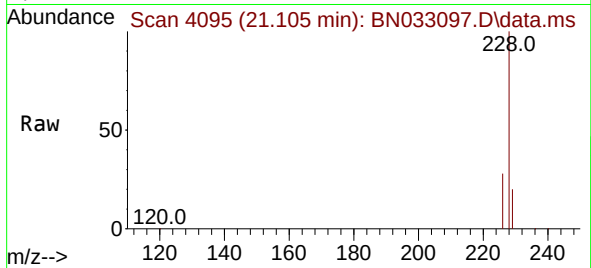
Tgt Ion:202 Resp: 1114596
Ion Ratio Lower Upper
202 100
101 14.8 12.6 18.8
100 12.2 9.9 14.9





#21
Benzo(a)anthracene
Concen: 9.724 ng/ul m
RT: 21.105 min Scan# 4110
Delta R.T. -0.040 min
Lab File: BN033097.D
Acq: 30 Jul 2024 09:32

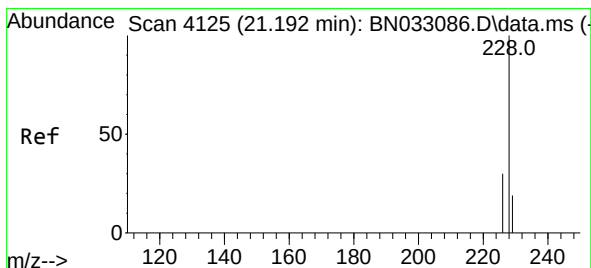
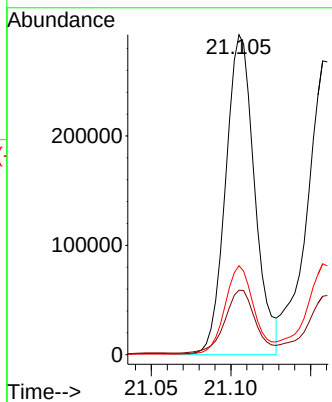
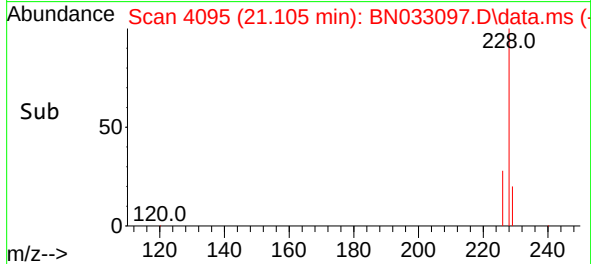
Instrument :
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Tgt Ion:228 Resp: 370679
Ion Ratio Lower Upper
228 100
229 20.2 17.1 25.7
226 27.8 22.4 33.6

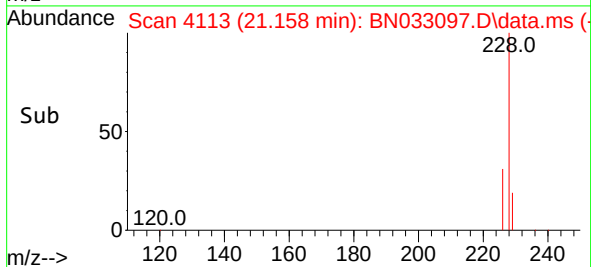
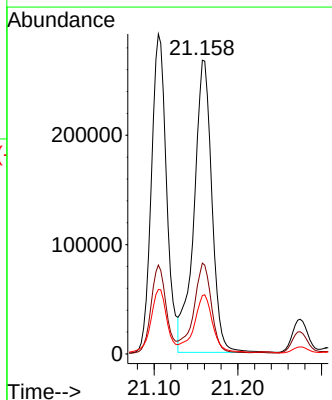
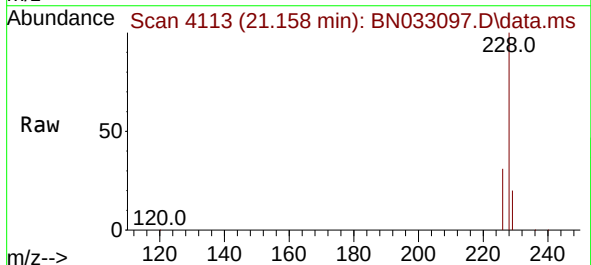
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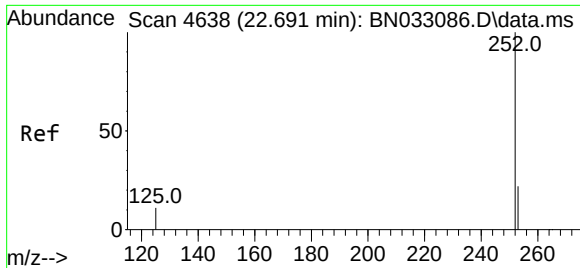
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Chrysene
Concen: 8.902 ng/ul
RT: 21.158 min Scan# 4113
Delta R.T. -0.037 min
Lab File: BN033097.D
Acq: 30 Jul 2024 09:32

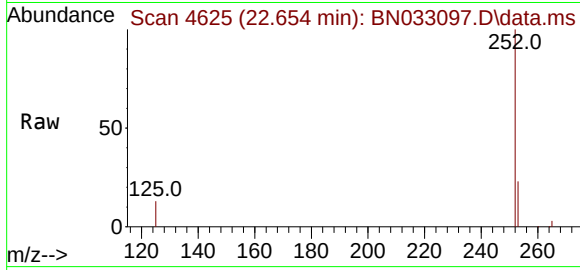
Tgt Ion:228 Resp: 396027
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 19.9 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 6.081 ng/ul m
RT: 22.654 min Scan# 4625
Delta R.T. -0.040 min
Lab File: BN033097.D
Acq: 30 Jul 2024 09:32

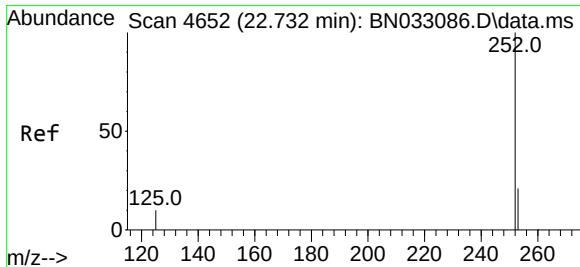
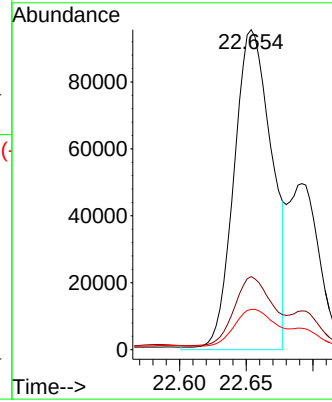
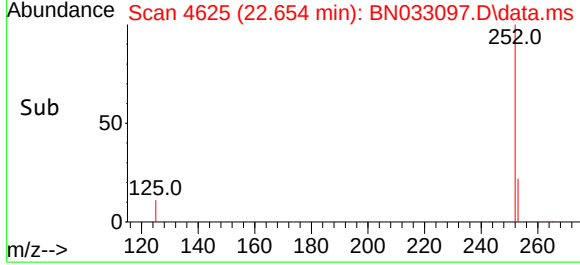
Instrument :
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Tgt Ion:252 Resp: 18780
Ion Ratio Lower Upper
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253 22.8 0.0 60.6
125 12.6 0.0 51.0

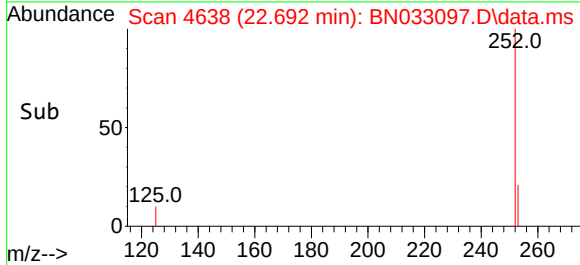
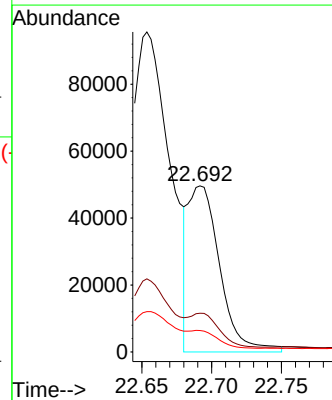
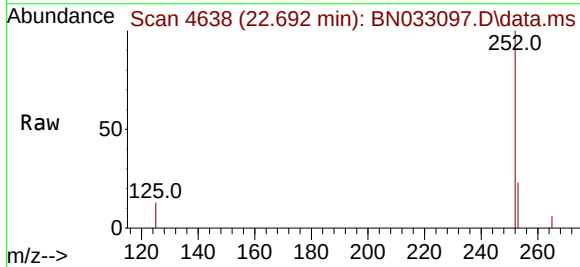
Manual Integrations
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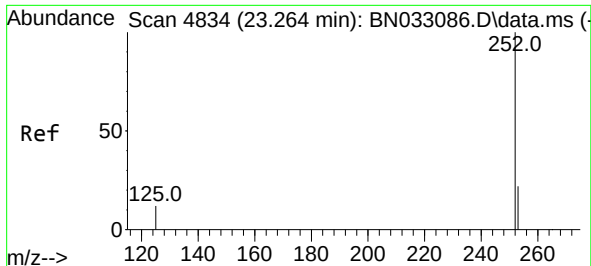
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#25
Benzo(k)fluoranthene
Concen: 2.128 ng/ul m
RT: 22.692 min Scan# 4638
Delta R.T. -0.043 min
Lab File: BN033097.D
Acq: 30 Jul 2024 09:32

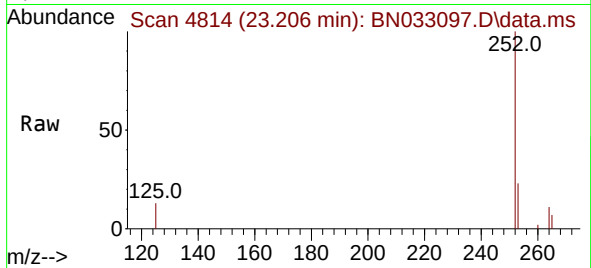
Tgt Ion:252 Resp: 78747
Ion Ratio Lower Upper
252 100
253 23.3 24.9 37.3#
125 12.9 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 4.035 ng/ul
RT: 23.206 min Scan# 4814
Delta R.T. -0.055 min
Lab File: BN033097.D
Acq: 30 Jul 2024 09:32

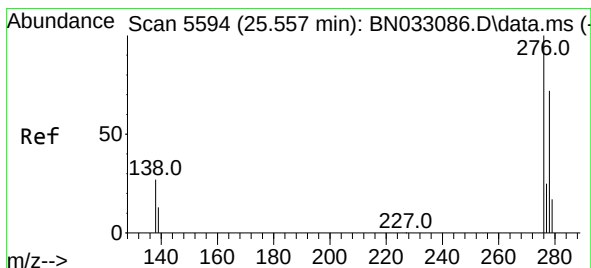
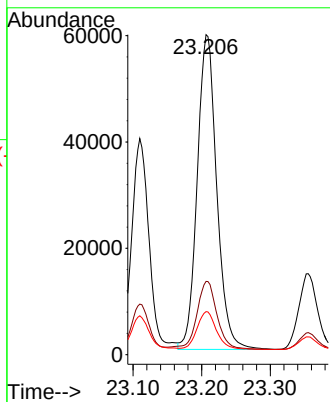
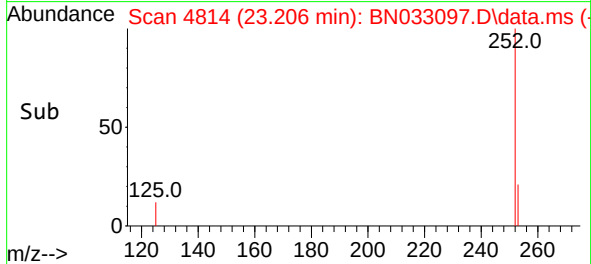
Instrument :
BNA_N
ClientSampleId :
F7E08



Tgt Ion:252 Resp: 11728
Ion Ratio Lower Upper
252 100
253 22.9 27.5 41.3
125 13.5 27.0 40.6

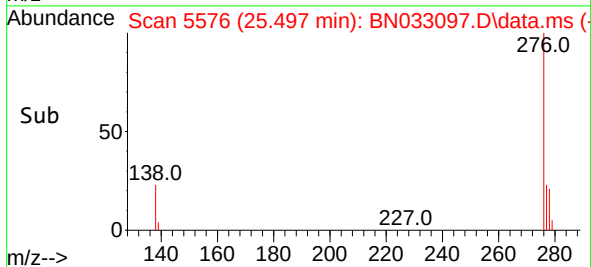
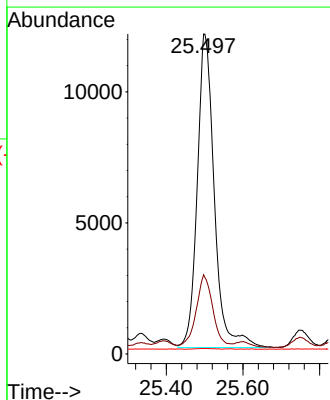
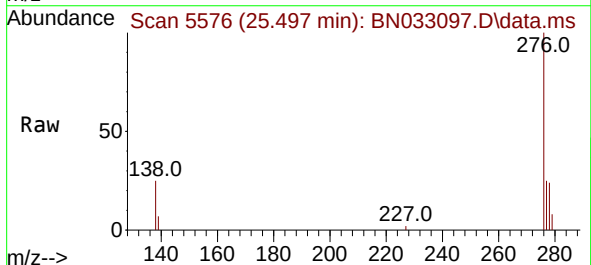
Manual Integrations
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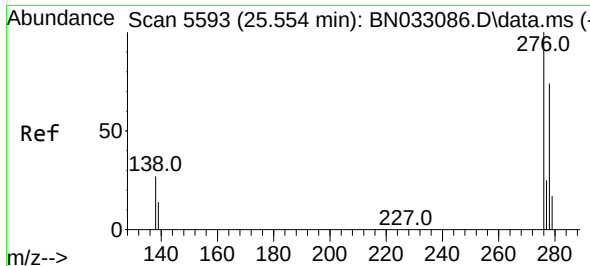
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.839 ng/ul
RT: 25.497 min Scan# 5576
Delta R.T. -0.063 min
Lab File: BN033097.D
Acq: 30 Jul 2024 09:32

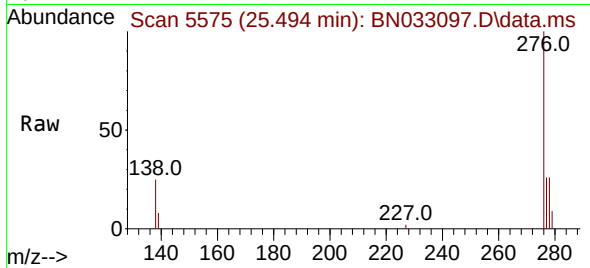
Tgt Ion:276 Resp: 37094
Ion Ratio Lower Upper
276 100
138 21.8 21.8 32.8
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.274 ng/ul
RT: 25.494 min Scan# 51
Delta R.T. -0.066 min
Lab File: BN033097.D
Acq: 30 Jul 2024 09:32

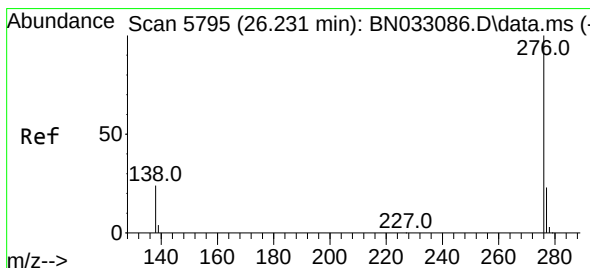
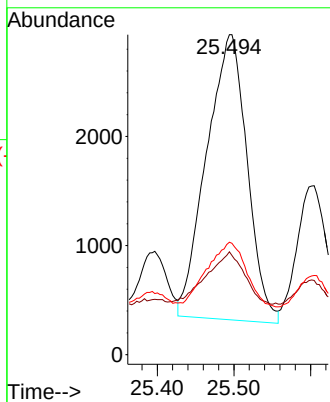
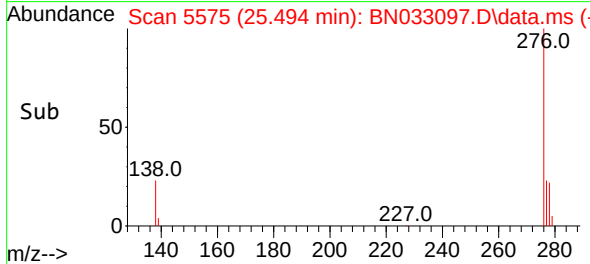
Instrument :
BNA_N
ClientSampleId :
F7E08



Tgt Ion:278 Resp: 961
Ion Ratio Lower Upper
278 100
139 32.2 22.5 33.7
279 35.2 25.5 38.3

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Supervised By :mohammad ahmed 07/31/2024



#29
Benzo(g,h,i)perylene
Concen: 0.800 ng/ul
RT: 26.175 min Scan# 5778
Delta R.T. -0.066 min
Lab File: BN033097.D
Acq: 30 Jul 2024 09:32

Tgt Ion:276 Resp: 28086
Ion Ratio Lower Upper
276 100
138 26.1 24.6 37.0
277 27.1 22.6 34.0

