

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033099.D
 Acq On : 30 Jul 2024 10:45
 Operator : MA/JU
 Sample : P3329-01DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E00DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 11:19:52 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	2365	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.256	136	8142	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.139	164	6620	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.903	188	13321	0.400	ng/ul	-0.04
17) Chrysene-d12	21.128	240	13835	0.400	ng/ul	-0.03
23) Perylene-d12	23.305	264	14395	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.060	96	867	0.290	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.857	152	256	0.019	ng/ul	-0.05
18) Fluoranthene-d10	18.949	212	656	0.017	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.306	128	26400	1.263	ng/ul	94
7) 2-Methylnaphthalene	11.934	142	18179	1.283	ng/ul	96
8) 1-Methylnaphthalene	12.154	142	5879	0.384	ng/ul	100
10) Acenaphthylene	13.856	152	262463	9.688	ng/ul	97
11) Acenaphthene	14.199	153	9456	0.464	ng/ul	95
12) Fluorene	15.198	166	63914	2.691	ng/ul	99
15) Phenanthrene	16.945	178	34611	0.969	ng/ul#	91
16) Anthracene	17.034	178	226483	7.050	ng/ul	97
19) Fluoranthene	18.977	202	34058m	0.748	ng/ul	
20) Pyrene	19.344	202	15293	0.313	ng/ul#	94
21) Benzo(a)anthracene	21.113	228	35067	0.743	ng/ul#	67
22) Chrysene	21.163	228	5243m	0.095	ng/ul	
24) Benzo(b)fluoranthene	22.656	252	5228m	0.124	ng/ul	
25) Benzo(k)fluoranthene	22.694	252	2218m	0.044	ng/ul	
26) Benzo(a)pyrene	23.214	252	5458	0.138	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	25.493	276	1421	0.024	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.477	278	1066	0.022	ng/ul#	1

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

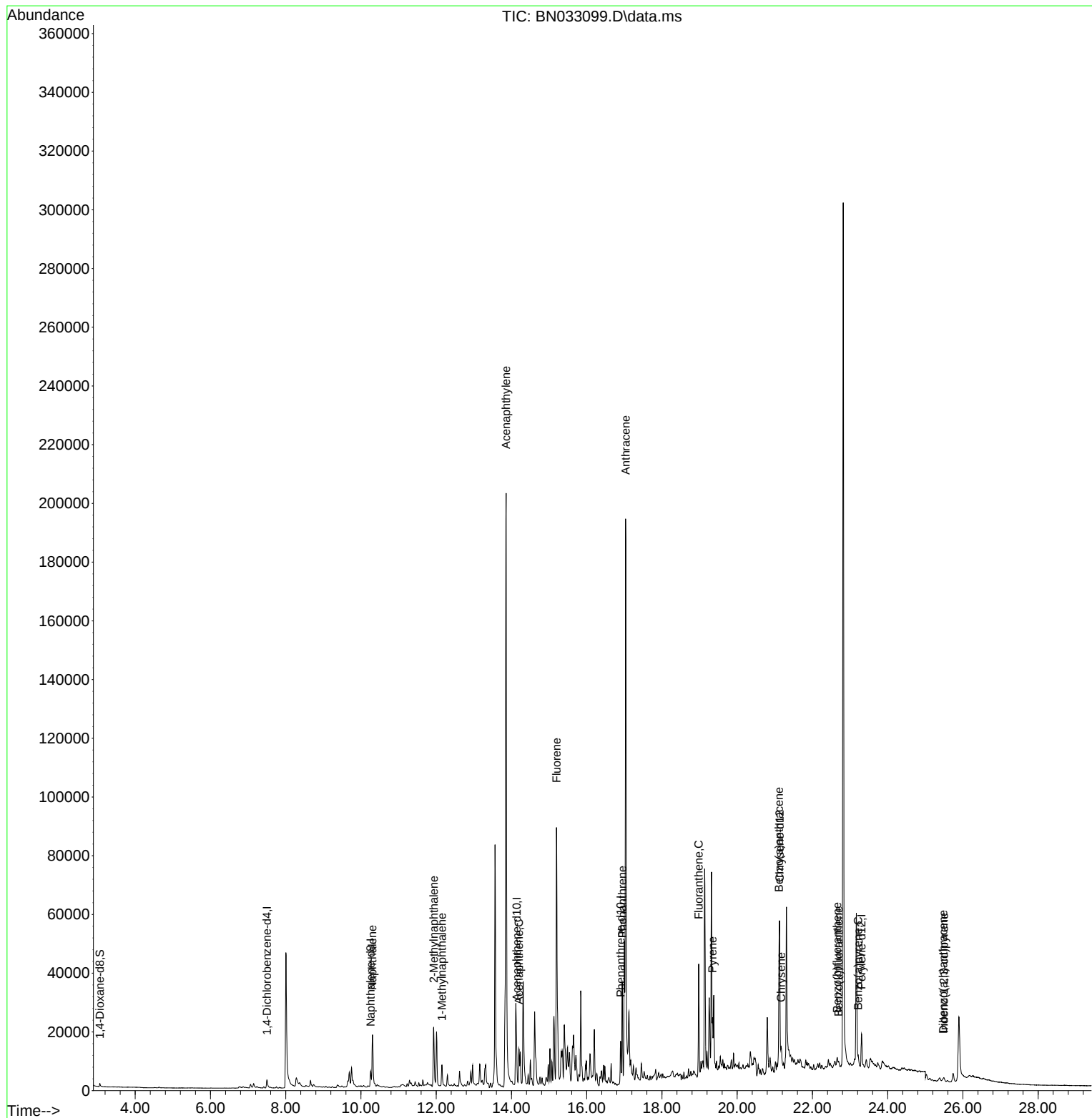
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033099.D
Acq On : 30 Jul 2024 10:45
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ALS Vial : 33 Sample Multiplier: 1

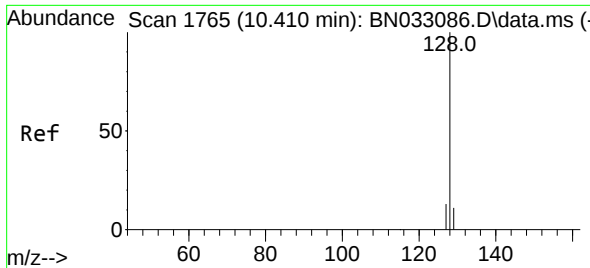
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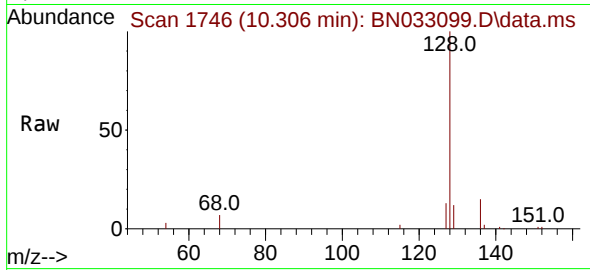
Quant Time: Jul 30 11:19:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.263 ng/ul
RT: 10.306 min Scan# 1765
Delta R.T. -0.044 min
Lab File: BN033099.D
Acq: 30 Jul 2024 10:45

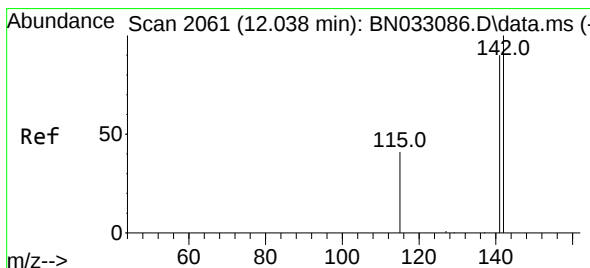
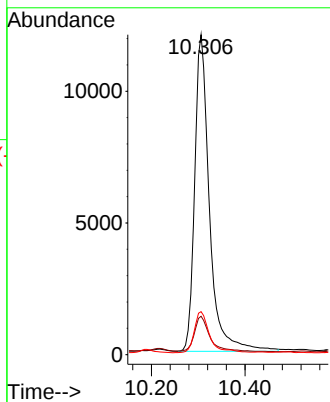
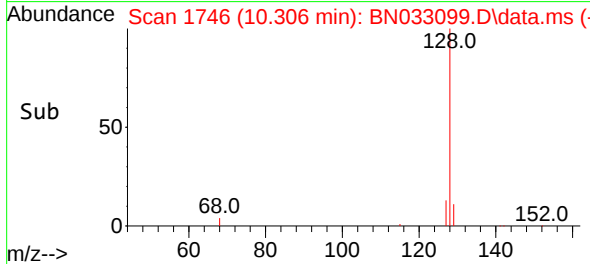
Instrument :
BNA_N
ClientSampleId :
F7E00DL



Tgt Ion:128 Resp: 26400
Ion Ratio Lower Upper
128 100
129 12.0 12.0 18.0
127 13.4 12.7 19.1

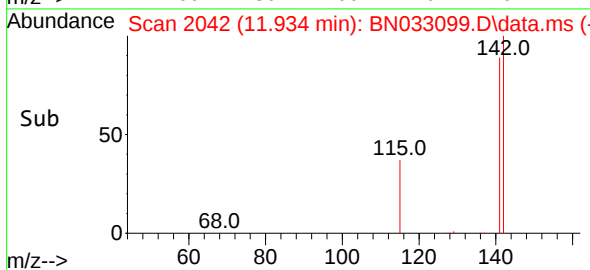
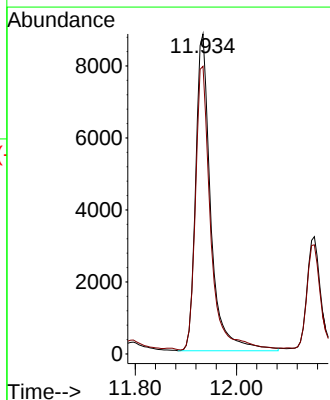
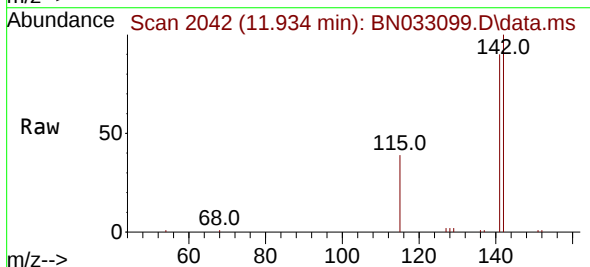
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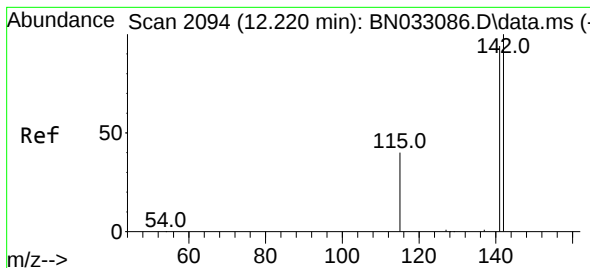
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#7
2-Methylnaphthalene
Concen: 1.283 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.049 min
Lab File: BN033099.D
Acq: 30 Jul 2024 10:45

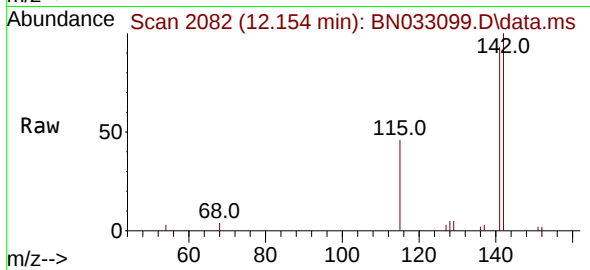
Tgt Ion:142 Resp: 18179
Ion Ratio Lower Upper
142 100
141 90.1 75.2 112.8





#8
1-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.154 min Scan# 2094
Delta R.T. -0.044 min
Lab File: BN033099.D
Acq: 30 Jul 2024 10:45

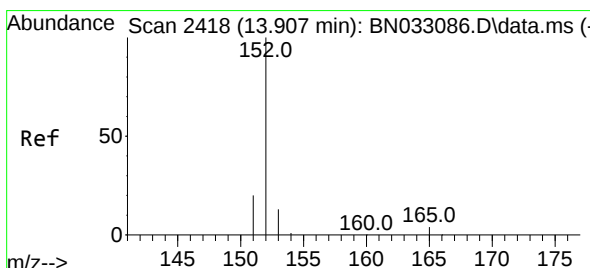
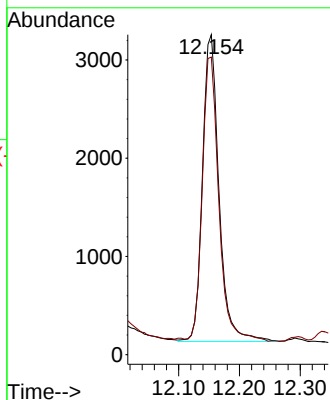
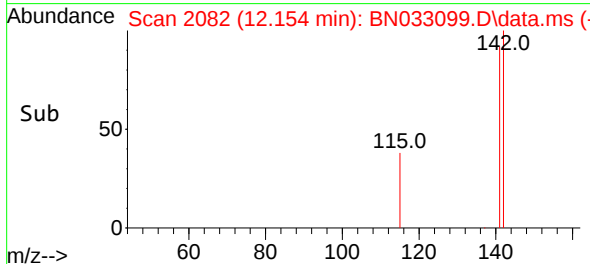
Instrument :
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Tgt Ion:142 Resp: 5879
Ion Ratio Lower Upper
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141 93.1 74.3 111.5

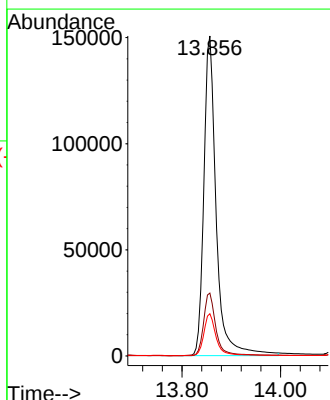
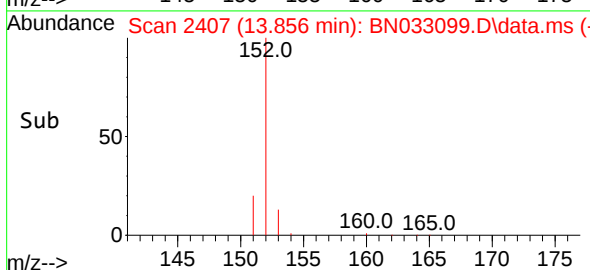
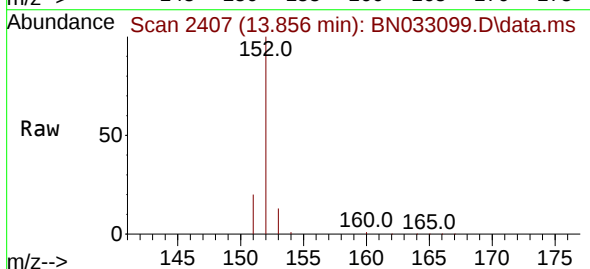
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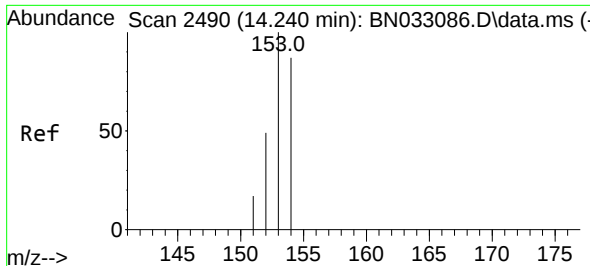
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Acenaphthylene
Concen: 9.688 ng/ul
RT: 13.856 min Scan# 2407
Delta R.T. -0.041 min
Lab File: BN033099.D
Acq: 30 Jul 2024 10:45

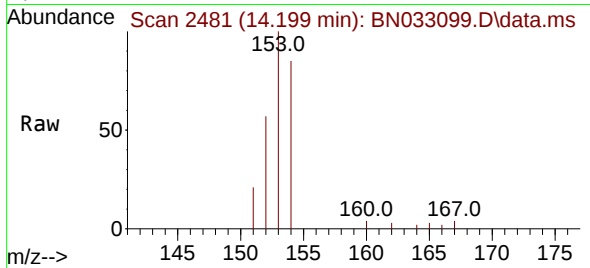
Tgt Ion:152 Resp: 262463
Ion Ratio Lower Upper
152 100
151 19.6 16.8 25.2
153 13.2 11.9 17.9





#11
Acenaphthene
Concen: 0.464 ng/ul
RT: 14.199 min Scan# 2490
Delta R.T. -0.037 min
Lab File: BN033099.D
Acq: 30 Jul 2024 10:45

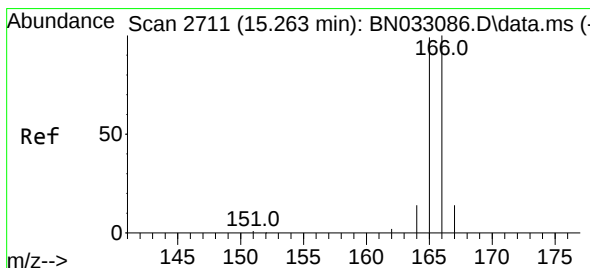
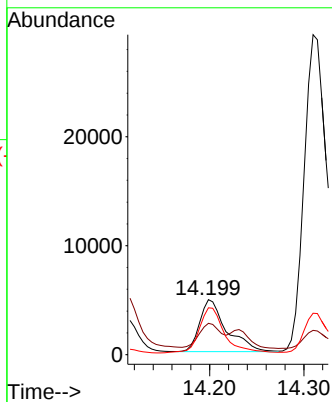
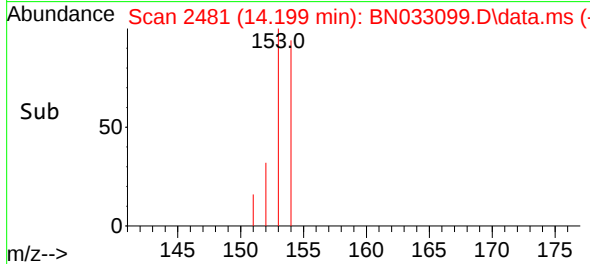
Instrument :
BNA_N
ClientSampleId :
F7E00DL



Tgt Ion:153 Resp: 9450
Ion Ratio Lower Upper
153 100
152 57.1 40.0 60.0
154 85.1 70.1 105.1

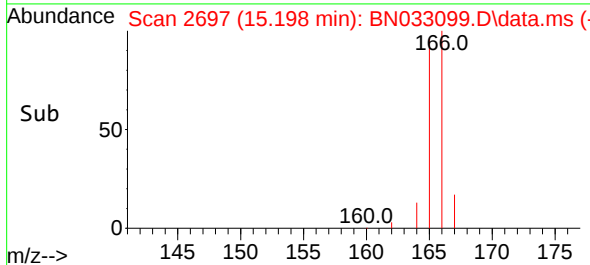
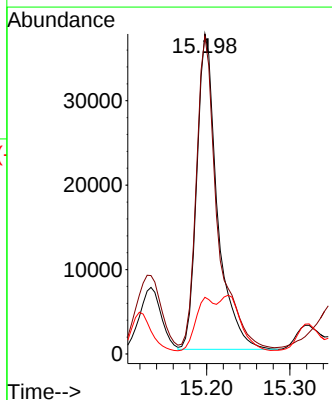
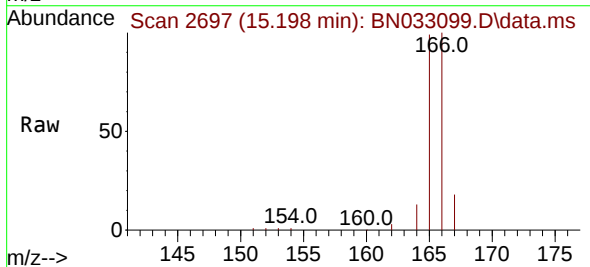
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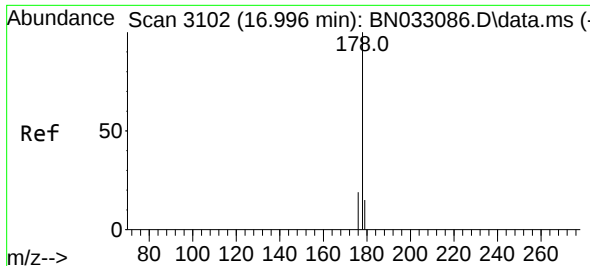
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#12
Fluorene
Concen: 2.691 ng/ul
RT: 15.198 min Scan# 2697
Delta R.T. -0.046 min
Lab File: BN033099.D
Acq: 30 Jul 2024 10:45

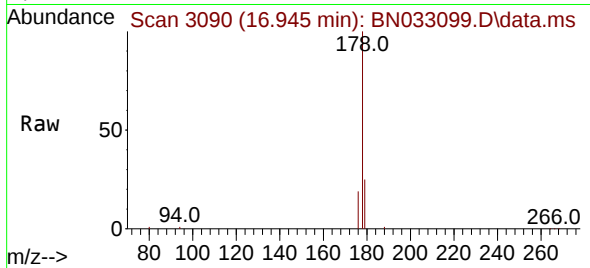
Tgt Ion:166 Resp: 63914
Ion Ratio Lower Upper
166 100
165 99.2 79.6 119.4
167 17.7 12.2 18.4





#15
Phenanthrene
Concen: 0.969 ng/ul
RT: 16.945 min Scan# 3090
Delta R.T. -0.042 min
Lab File: BN033099.D
Acq: 30 Jul 2024 10:45

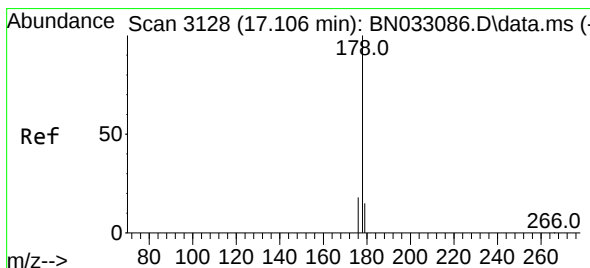
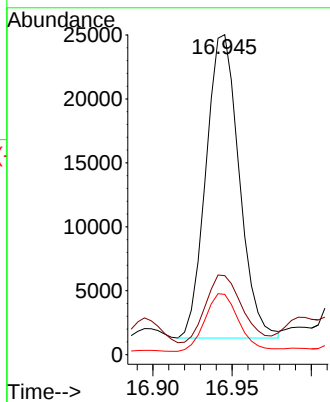
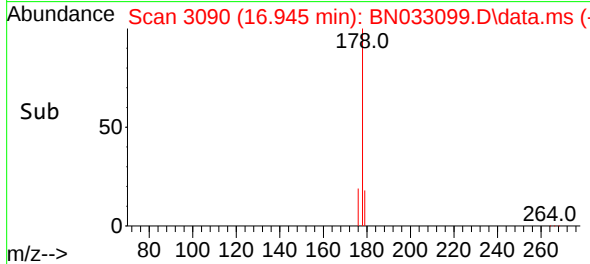
Instrument :
BNA_N
ClientSampleId :
F7E00DL



Tgt Ion:178 Resp: 3461
Ion Ratio Lower Upper
178 100
179 24.7 13.7 20.5
176 18.9 15.9 23.9

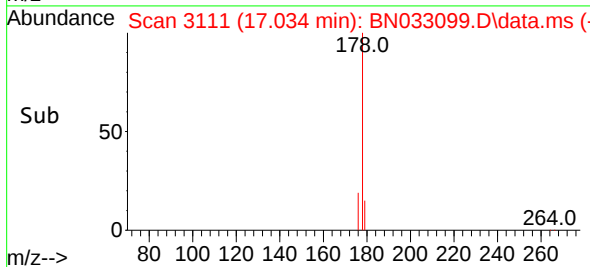
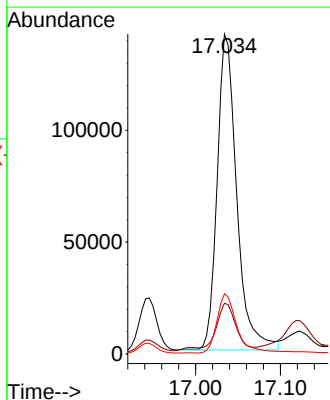
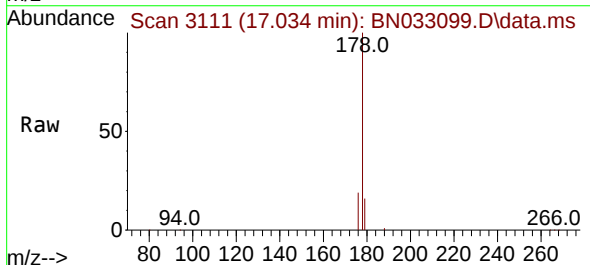
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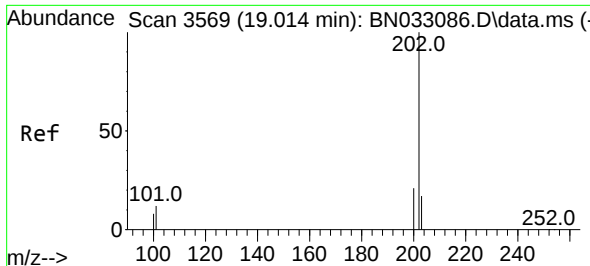
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#16
Anthracene
Concen: 7.050 ng/ul
RT: 17.034 min Scan# 3111
Delta R.T. -0.050 min
Lab File: BN033099.D
Acq: 30 Jul 2024 10:45

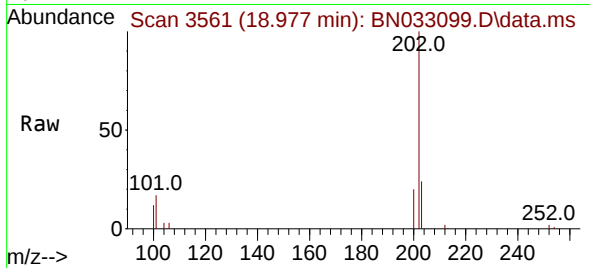
Tgt Ion:178 Resp: 226483
Ion Ratio Lower Upper
178 100
179 15.8 14.3 21.5
176 18.8 15.8 23.8





#19
Fluoranthene
Concen: 0.748 ng/ul m
RT: 18.977 min Scan# 3405
Delta R.T. -0.037 min
Lab File: BN033099.D
Acq: 30 Jul 2024 10:45

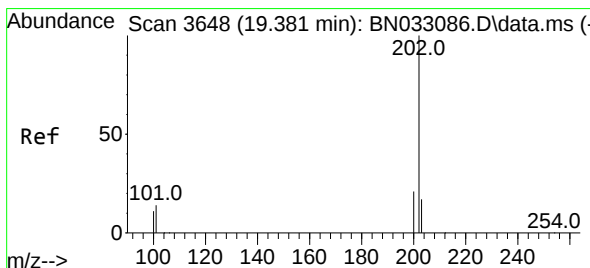
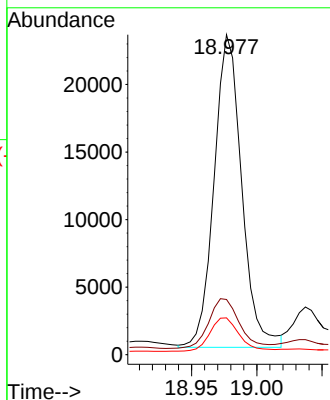
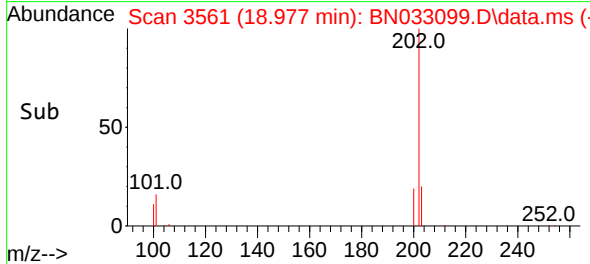
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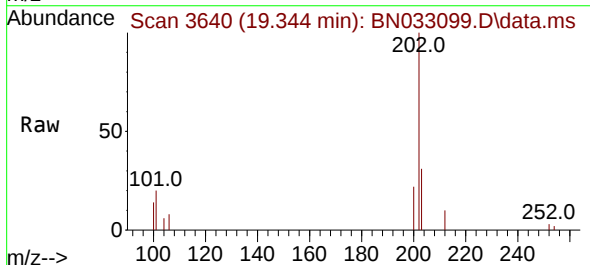
Tgt Ion:202 Resp: 3405
Ion Ratio Lower Upper
202 100
101 17.3 10.7 16.1
100 11.5 8.3 12.5

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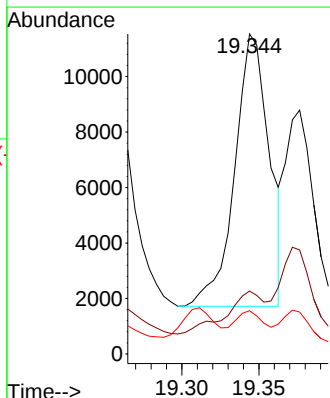
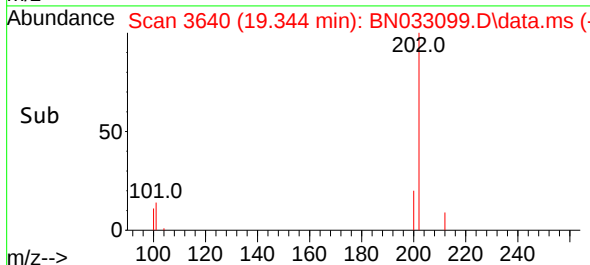
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

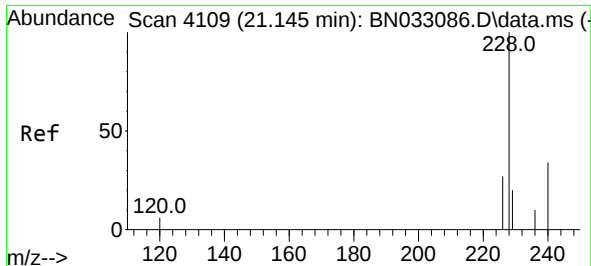


#20
Pyrene
Concen: 0.313 ng/ul
RT: 19.344 min Scan# 3640
Delta R.T. -0.037 min
Lab File: BN033099.D
Acq: 30 Jul 2024 10:45



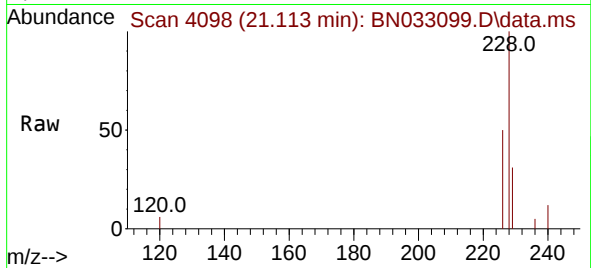
Tgt Ion:202 Resp: 15293
Ion Ratio Lower Upper
202 100
101 19.7 12.6 18.8
100 13.5 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.743 ng/ul
RT: 21.113 min Scan# 4110
Delta R.T. -0.032 min
Lab File: BN033099.D
Acq: 30 Jul 2024 10:45

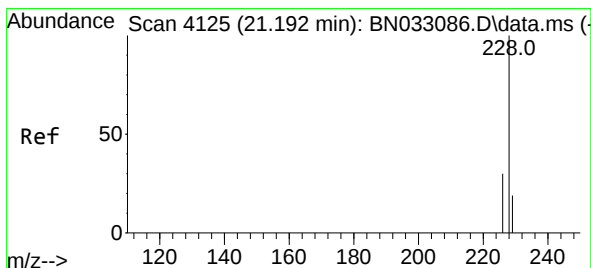
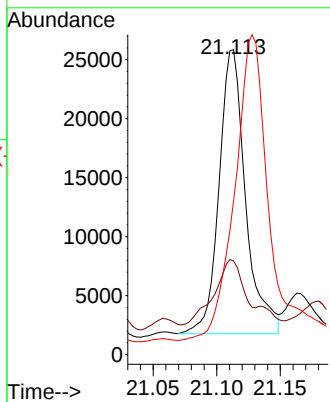
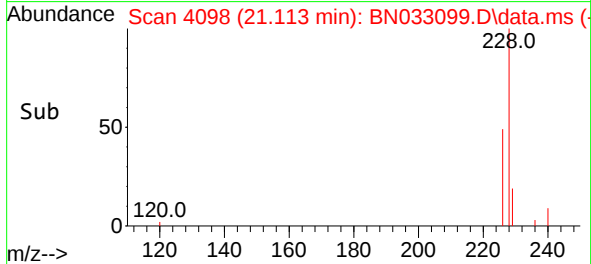
Instrument :
BNA_N
ClientSampleId :
F7E00DL



Tgt Ion:228 Resp: 3506
Ion Ratio Lower Upper
228 100
229 30.7 17.1 25.7#
226 50.4 22.4 33.6#

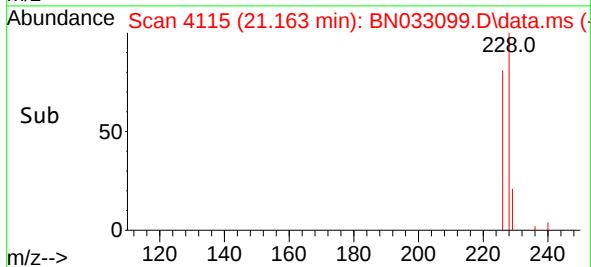
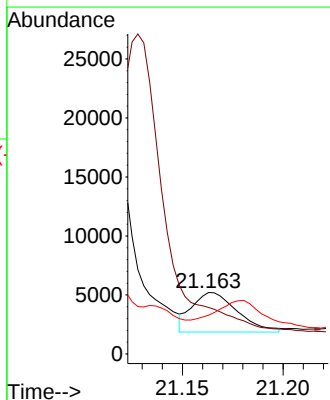
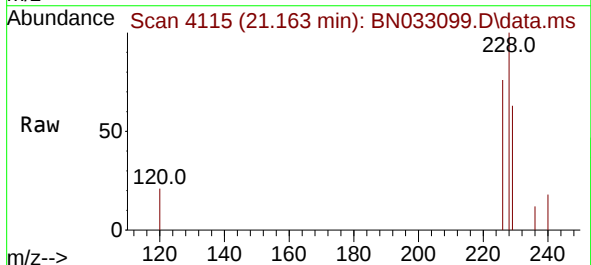
Manual Integrations
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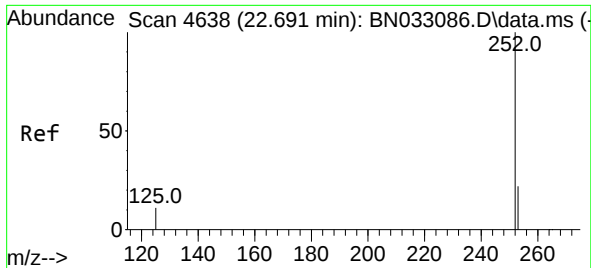
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Chrysene
Concen: 0.095 ng/ul m
RT: 21.163 min Scan# 4115
Delta R.T. -0.032 min
Lab File: BN033099.D
Acq: 30 Jul 2024 10:45

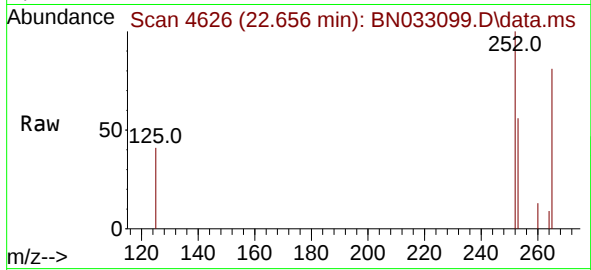
Tgt Ion:228 Resp: 5243
Ion Ratio Lower Upper
228 100
226 75.7 24.7 37.1#
229 63.1 17.0 25.6#





#24
Benzo(b)fluoranthene
Concen: 0.124 ng/ul m
RT: 22.656 min Scan# 4626
Delta R.T. -0.038 min
Lab File: BN033099.D
Acq: 30 Jul 2024 10:45

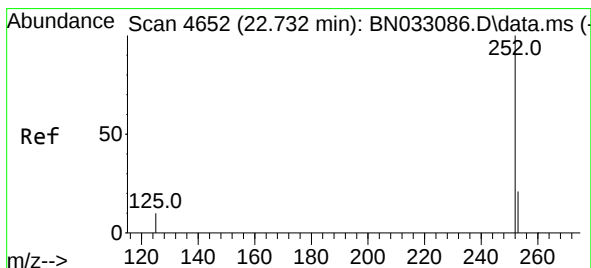
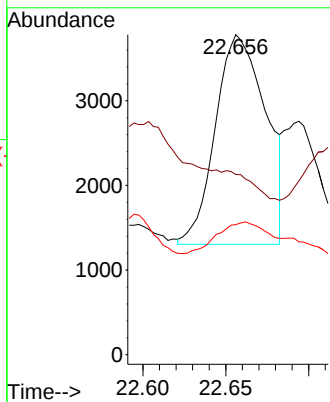
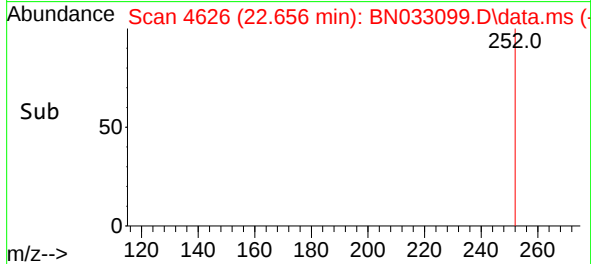
Instrument :
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Tgt Ion:252 Resp: 5228
Ion Ratio Lower Upper
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253 56.3 0.0 60.6
125 40.7 0.0 51.0

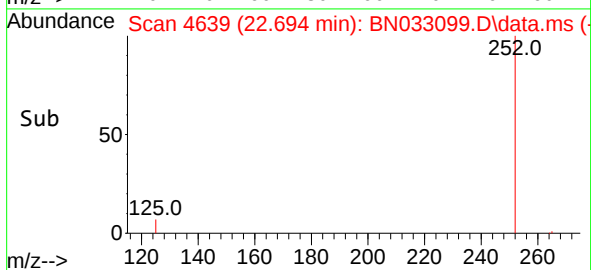
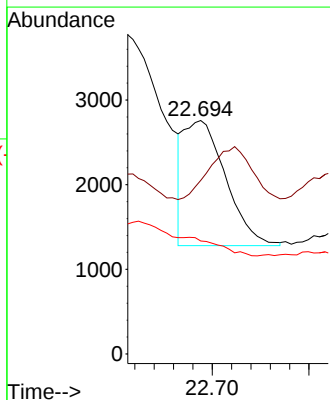
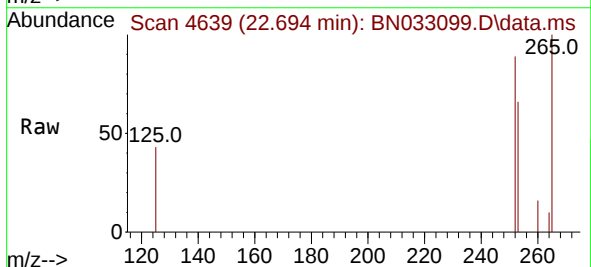
Manual Integrations
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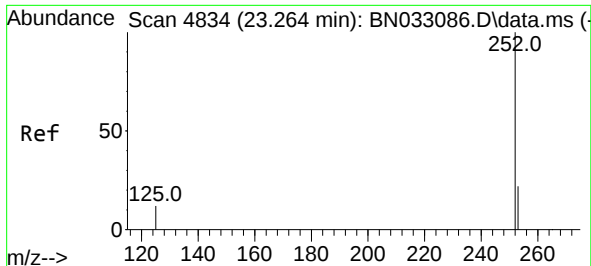
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#25
Benzo(k)fluoranthene
Concen: 0.044 ng/ul m
RT: 22.694 min Scan# 4639
Delta R.T. -0.041 min
Lab File: BN033099.D
Acq: 30 Jul 2024 10:45

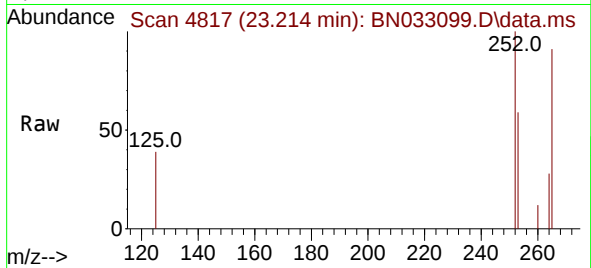
Tgt Ion:252 Resp: 2218
Ion Ratio Lower Upper
252 100
253 74.4 24.9 37.3#
125 48.4 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 0.138 ng/ul
RT: 23.214 min Scan# 4817
Delta R.T. -0.047 min
Lab File: BN033099.D
Acq: 30 Jul 2024 10:45

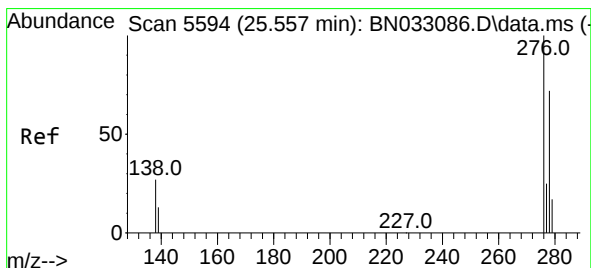
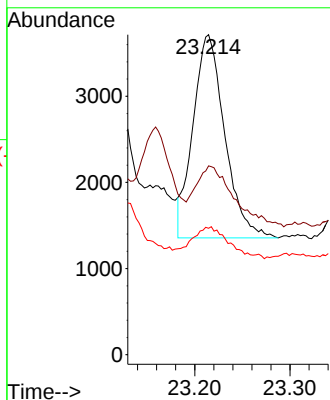
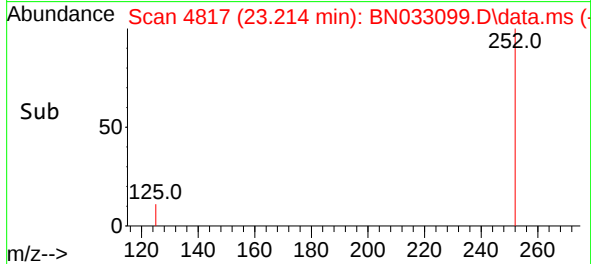
Instrument :
BNA_N
ClientSampleId :
F7E00DL



Tgt Ion:252 Resp: 5458
Ion Ratio Lower Upper
252 100
253 59.0 27.5 41.3#
125 39.5 27.0 40.6

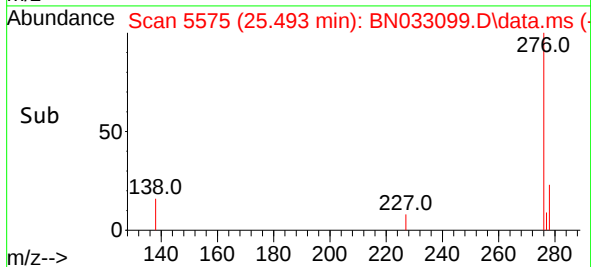
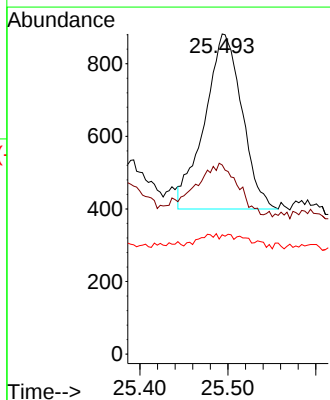
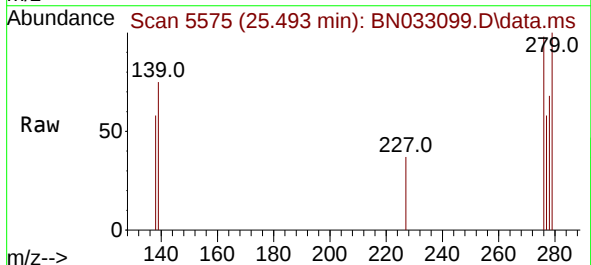
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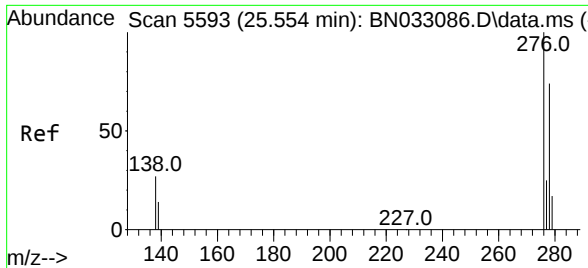
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng/ul
RT: 25.493 min Scan# 5575
Delta R.T. -0.067 min
Lab File: BN033099.D
Acq: 30 Jul 2024 10:45

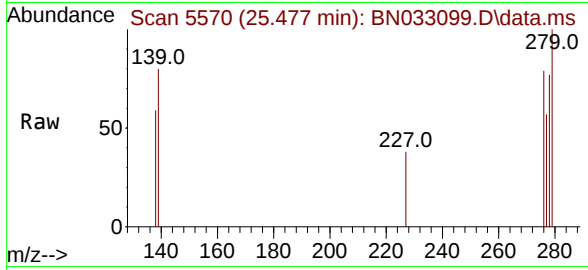
Tgt Ion:276 Resp: 1421
Ion Ratio Lower Upper
276 100
138 35.0 21.8 32.8#
227 11.1 0.2 0.2#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.022 ng/ul
 RT: 25.477 min Scan# 51
 Delta R.T. -0.084 min
 Lab File: BN033099.D
 Acq: 30 Jul 2024 10:45

Instrument :
 BNA_N
 ClientSampleId :
 F7E00DL



Tgt Ion:278 Resp: 1060
 Ion Ratio Lower Upper
 278 100
 139 104.1 22.5 33.7
 279 130.3 25.5 38.3

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 Supervised By :mohammad ahmed 07/31/2024

