

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
 Data File : BN036377.D
 Acq On : 07 Feb 2025 17:23
 Operator : RC/JU
 Sample : Q1229-11
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29B5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :Sohil Jodhani 02/18/2025

Quant Time: Feb 11 12:10:21 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 07 11:25:57 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	3000	0.400	ng/ul	0.00
4) Naphthalene-d8	10.551	136	21150m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.406	164	6050m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.147	188	10573m	0.400	ng/ul	0.00
17) Chrysene-d12	21.337	240	10657	0.400	ng/ul	# 0.00
23) Perylene-d12	23.611	264	8563m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	13532	4.120	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.146	152	2432m	0.091	ng/ul	-0.01
18) Fluoranthene-d10	19.180	212	6714	0.229	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.601	128	9539	0.164	ng/ul	99
7) 2-Methylnaphthalene	12.218	142	2761	0.076	ng/ul	93
8) 1-Methylnaphthalene	12.443	142	4804	0.131	ng/ul	100
11) Acenaphthene	14.470	153	5656	0.269	ng/ul#	82
12) Fluorene	15.456	166	3836	0.165	ng/ul#	82
14) Pentachlorophenol	16.801	266	5125	1.384	ng/ul	100
15) Phenanthrene	17.189	178	11399	0.368	ng/ul#	92
16) Anthracene	17.278	178	4114	0.143	ng/ul#	59
19) Fluoranthene	19.208	202	7863	0.194	ng/ul#	81
20) Pyrene	19.570	202	7288m	0.172	ng/ul	
21) Benzo(a)anthracene	21.319	228	2318	0.061	ng/ul#	45
22) Chrysene	21.372	228	2990	0.077	ng/ul#	46
24) Benzo(b)fluoranthene	22.927	252	2093	0.073	ng/ul#	1
25) Benzo(k)fluoranthene	22.968	252	630	0.021	ng/ul#	1
26) Benzo(a)pyrene	23.511	252	1318	0.051	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.924	276	855	0.025	ng/ul#	96
29) Benzo(g,h,i)perylene	26.625	276	1082	0.041	ng/ul#	49

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

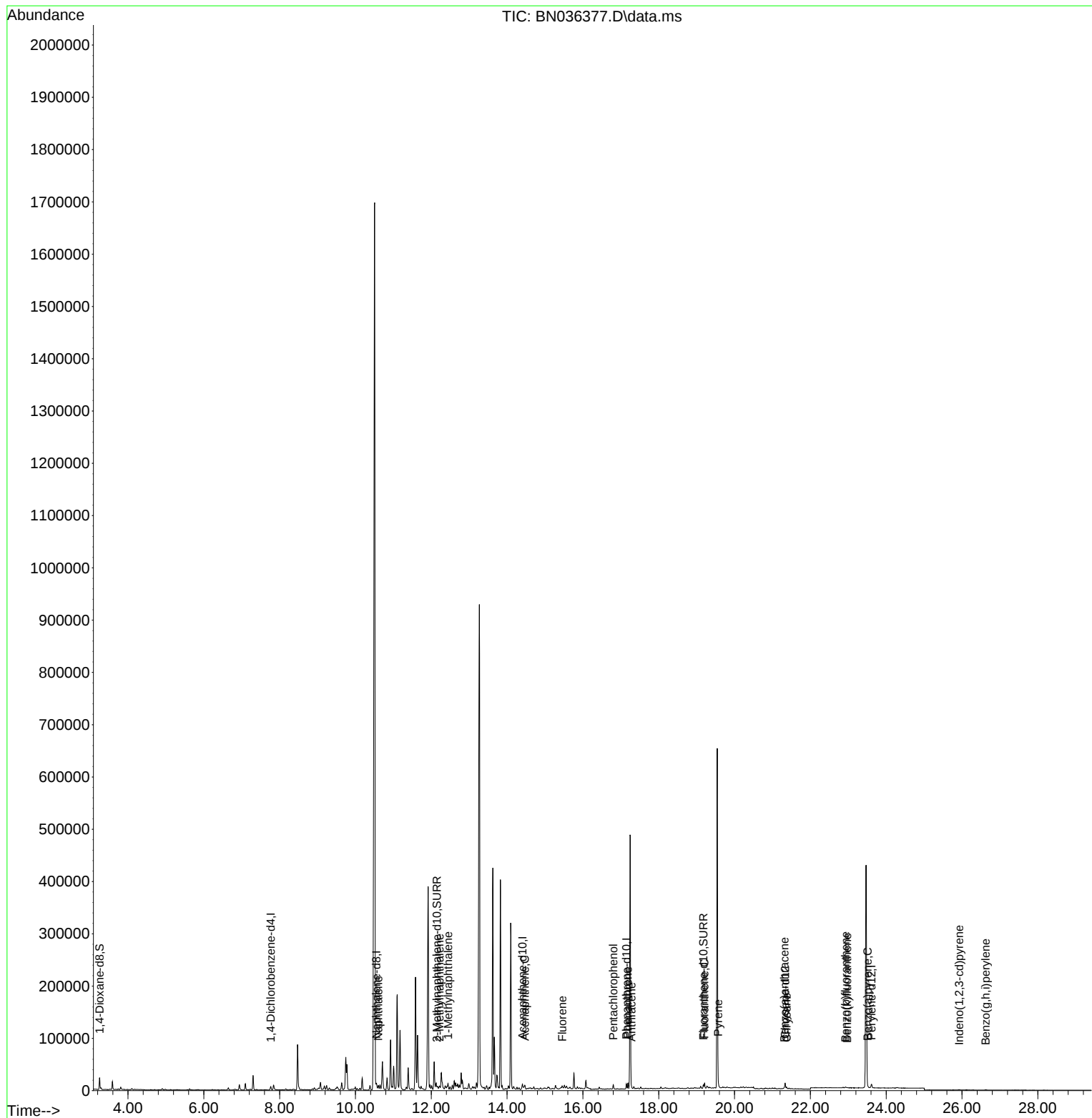
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036377.D
Acq On : 07 Feb 2025 17:23
Operator : RC/JU
Sample : Q1229-11
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ALS Vial : 47 Sample Multiplier: 1

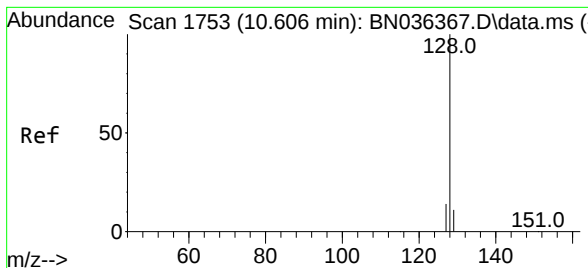
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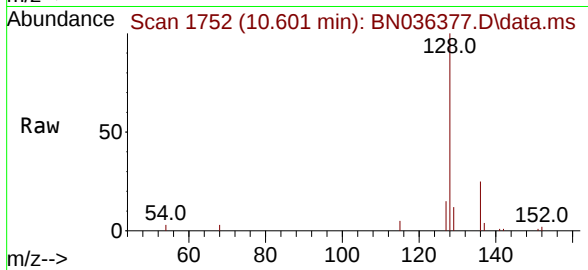
Quant Time: Feb 11 12:10:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 07 11:25:57 2025
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.164 ng/ul
RT: 10.601 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BN036377.D
Acq: 07 Feb 2025 17:23

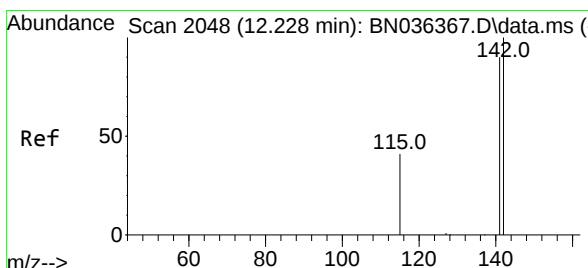
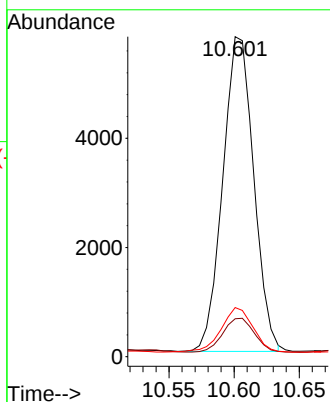
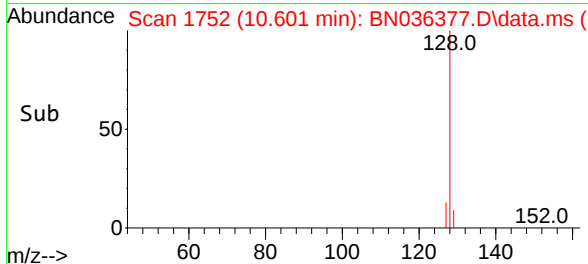
Instrument :
BNA_N
ClientSampleId :
E29B5



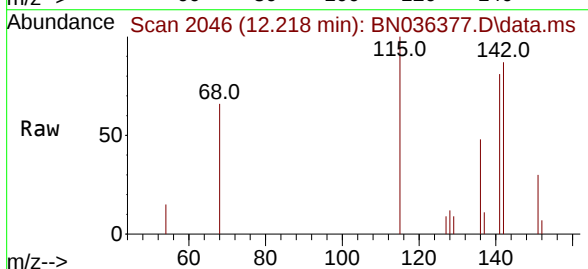
Tgt Ion:128 Resp: 9539
Ion Ratio Lower Upper
128 100
129 11.9 9.6 14.4
127 15.4 12.0 18.0

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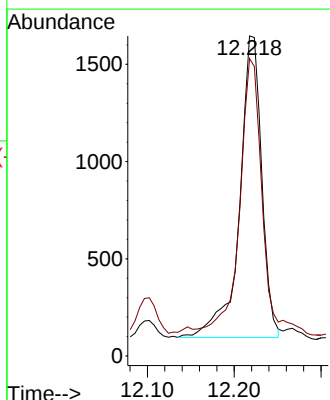
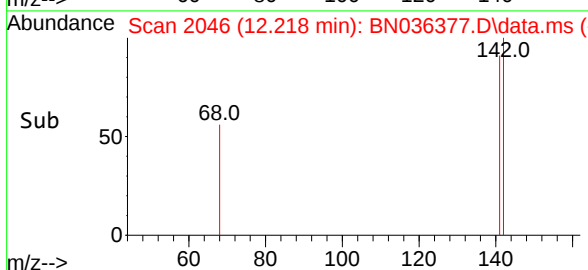
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025

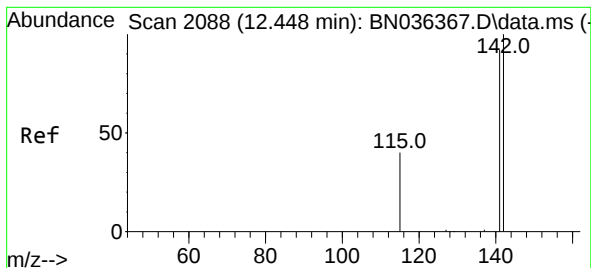


#7
2-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.218 min Scan# 2046
Delta R.T. -0.011 min
Lab File: BN036377.D
Acq: 07 Feb 2025 17:23



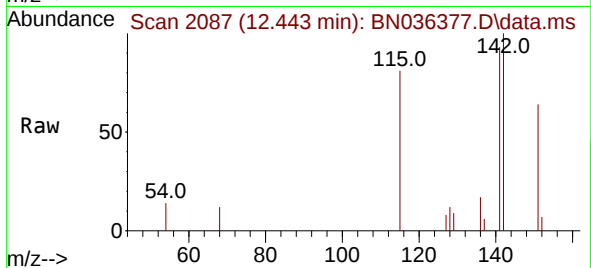
Tgt Ion:142 Resp: 2761
Ion Ratio Lower Upper
142 100
141 83.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.131 ng/ul
RT: 12.443 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BN036377.D
Acq: 07 Feb 2025 17:23

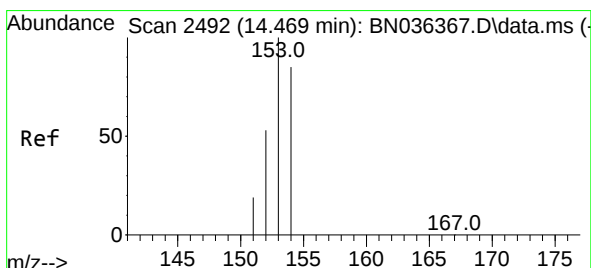
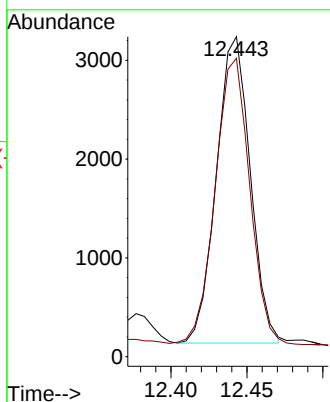
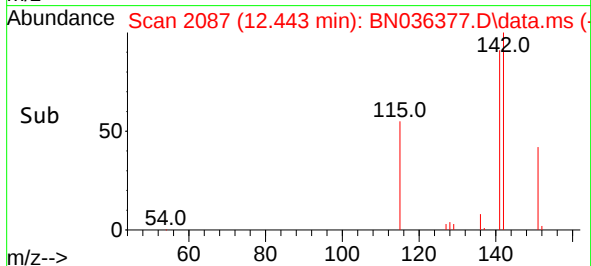
Instrument :
BNA_N
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Tgt Ion:142 Resp: 4804
Ion Ratio Lower Upper
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141 94.3 75.2 112.8

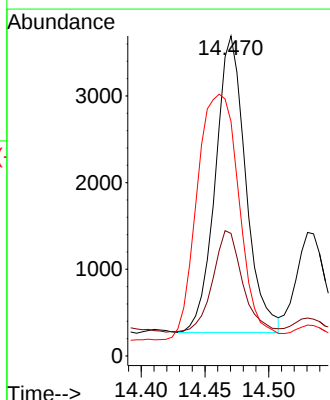
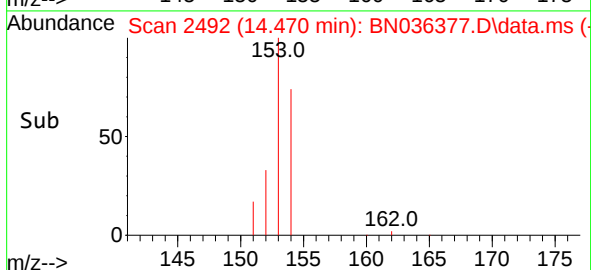
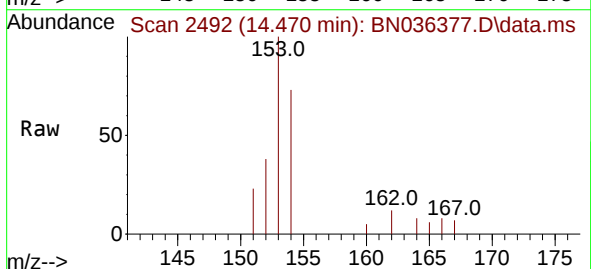
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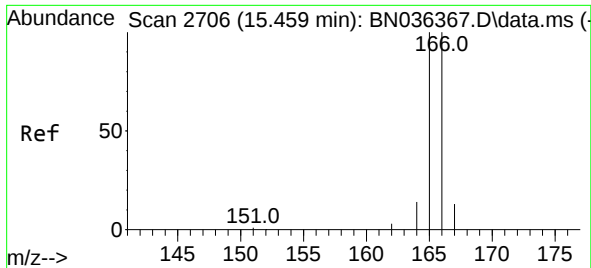
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025



#11
Acenaphthene
Concen: 0.269 ng/ul
RT: 14.470 min Scan# 2492
Delta R.T. 0.001 min
Lab File: BN036377.D
Acq: 07 Feb 2025 17:23

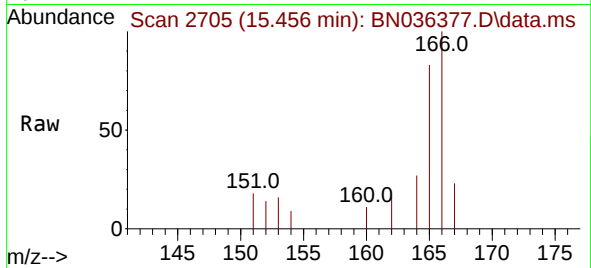
Tgt Ion:153 Resp: 5656
Ion Ratio Lower Upper
153 100
152 38.3 43.2 64.8#
154 73.3 70.5 105.7





#12
Fluorene
Concen: 0.165 ng/ul
RT: 15.456 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN036377.D
Acq: 07 Feb 2025 17:23

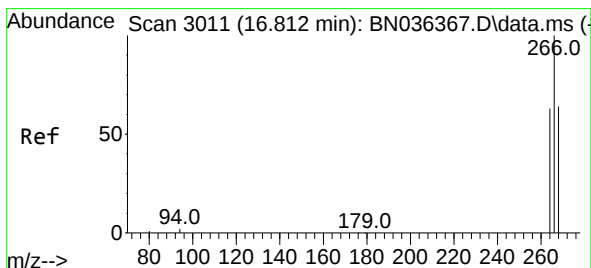
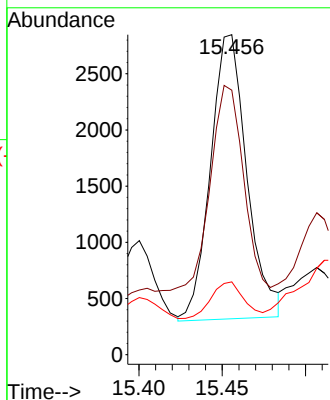
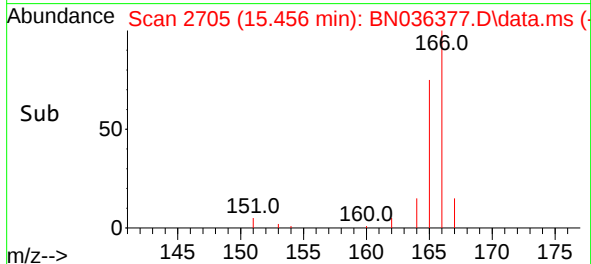
Instrument :
BNA_N
ClientSampleId :
E29B5



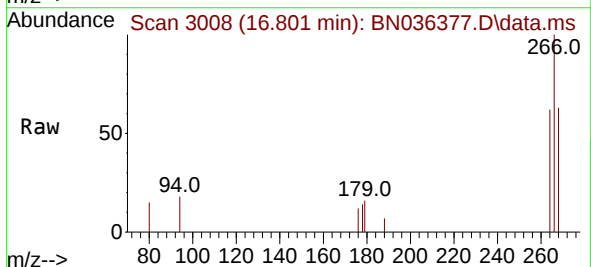
Tgt Ion:166 Resp: 3830
Ion Ratio Lower Upper
166 100
165 82.7 80.3 120.5
167 22.8 12.3 18.5

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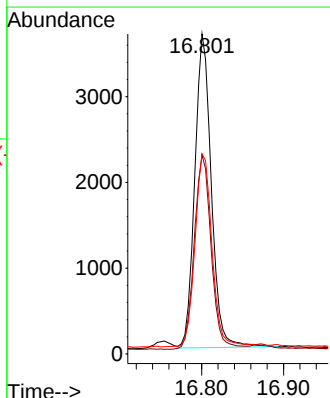
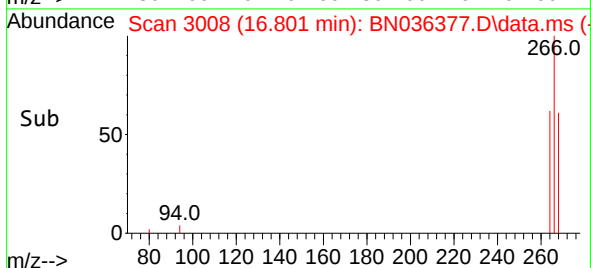
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025

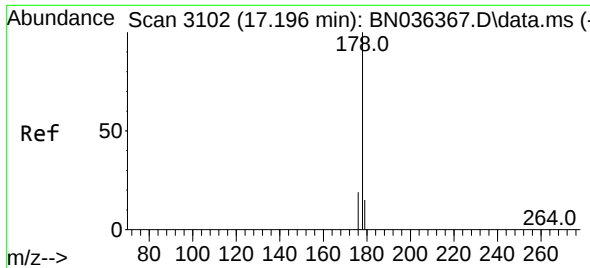


#14
Pentachlorophenol
Concen: 1.384 ng/ul
RT: 16.801 min Scan# 3008
Delta R.T. -0.012 min
Lab File: BN036377.D
Acq: 07 Feb 2025 17:23



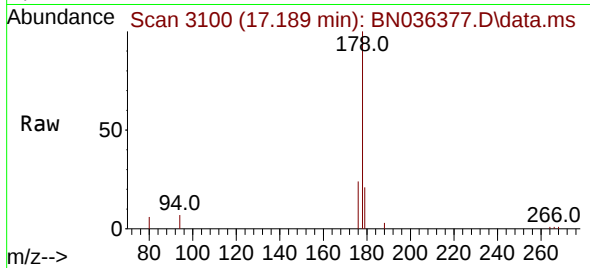
Tgt Ion:266 Resp: 5125
Ion Ratio Lower Upper
266 100
264 63.5 50.6 75.8
268 63.7 50.6 75.8





#15
Phenanthrene
Concen: 0.368 ng/ul
RT: 17.189 min Scan# 3100
Delta R.T. -0.007 min
Lab File: BN036377.D
Acq: 07 Feb 2025 17:23

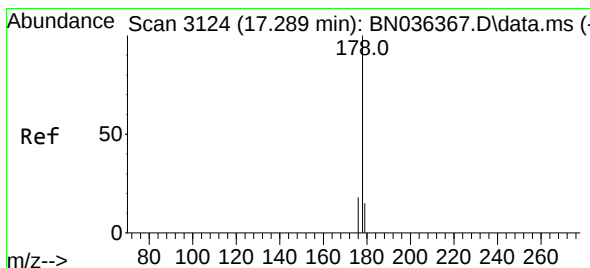
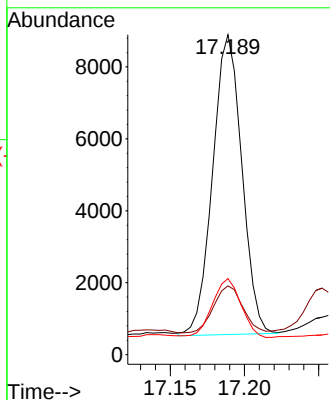
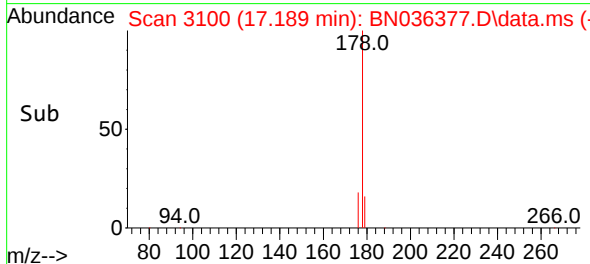
Instrument :
BNA_N
ClientSampleId :
E29B5



Tgt Ion:178 Resp: 11399
Ion Ratio Lower Upper
178 100
179 21.5 13.2 19.8#
176 23.8 16.8 25.2#

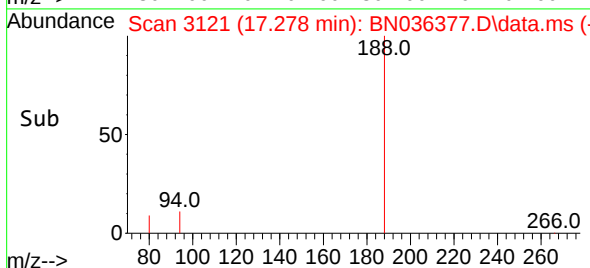
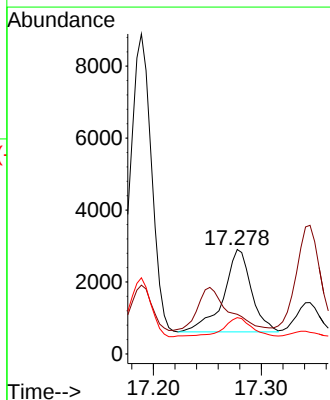
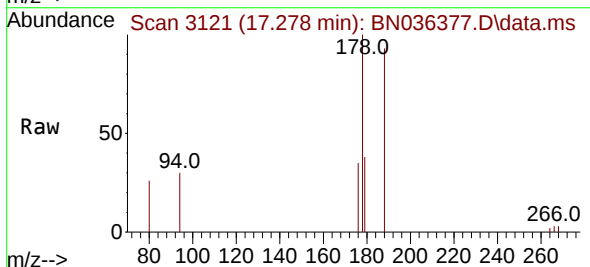
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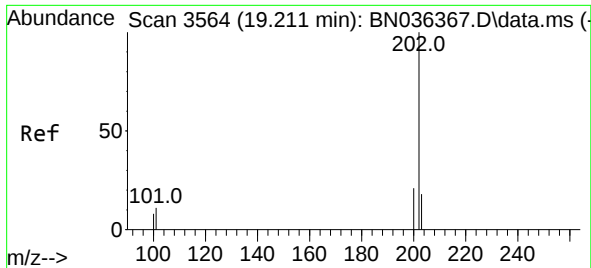
Reviewed By :Jagrut Upadhyay 02/11/2025
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#16
Anthracene
Concen: 0.143 ng/ul
RT: 17.278 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BN036377.D
Acq: 07 Feb 2025 17:23

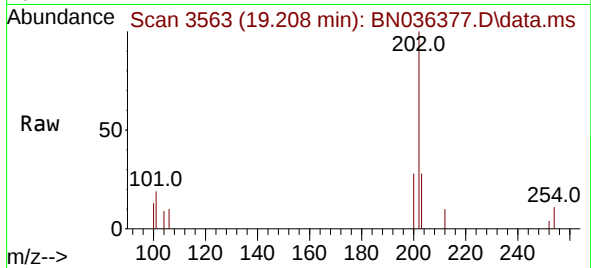
Tgt Ion:178 Resp: 4114
Ion Ratio Lower Upper
178 100
179 38.0 13.0 19.4#
176 34.7 15.9 23.9#





#19
Fluoranthene
Concen: 0.194 ng/ul
RT: 19.208 min Scan# 3563
Delta R.T. -0.004 min
Lab File: BN036377.D
Acq: 07 Feb 2025 17:23

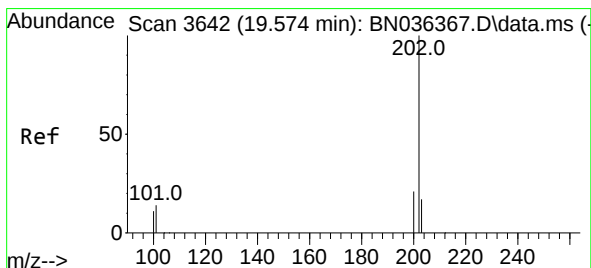
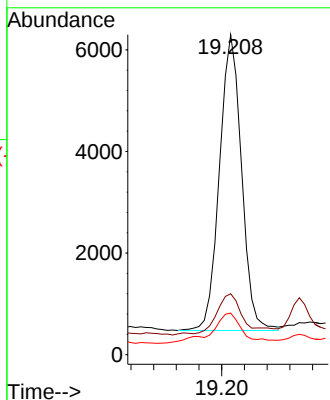
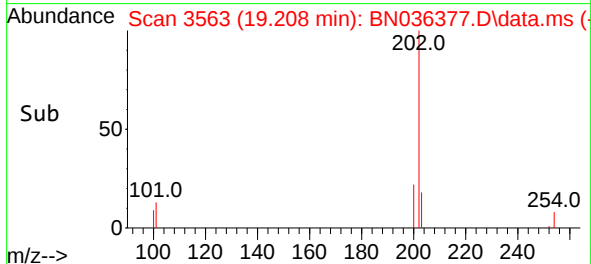
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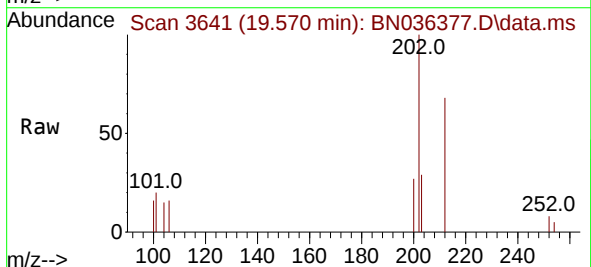
Tgt Ion:202 Resp: 786
Ion Ratio Lower Upper
202 100
101 19.0 8.4 12.6
100 13.0 6.5 9.7

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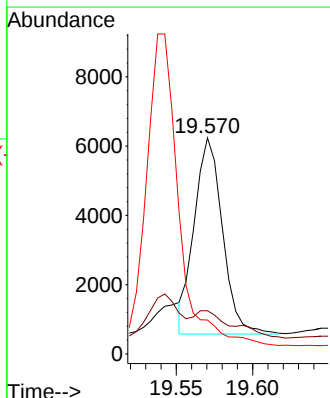
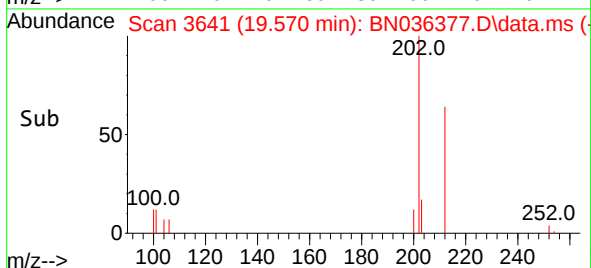
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025

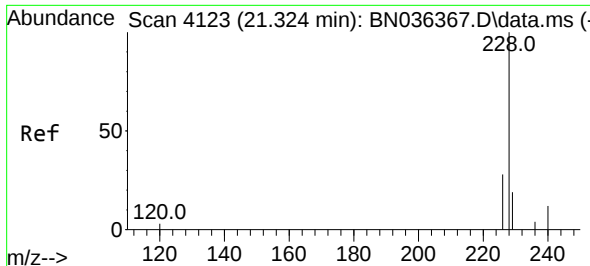


#20
Pyrene
Concen: 0.172 ng/ul m
RT: 19.570 min Scan# 3641
Delta R.T. -0.004 min
Lab File: BN036377.D
Acq: 07 Feb 2025 17:23



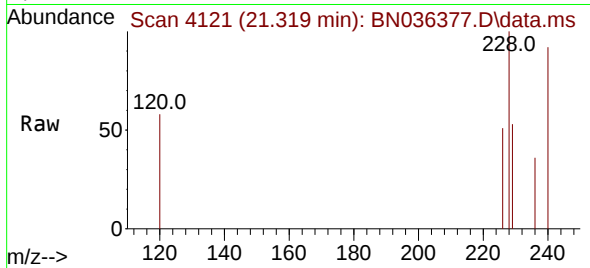
Tgt Ion:202 Resp: 7288
Ion Ratio Lower Upper
202 100
101 20.0 9.3 13.9#
100 15.7 7.5 11.3#





#21
Benzo(a)anthracene
Concen: 0.061 ng/u1
RT: 21.319 min Scan# 4123
Delta R.T. -0.005 min
Lab File: BN036377.D
Acq: 07 Feb 2025 17:23

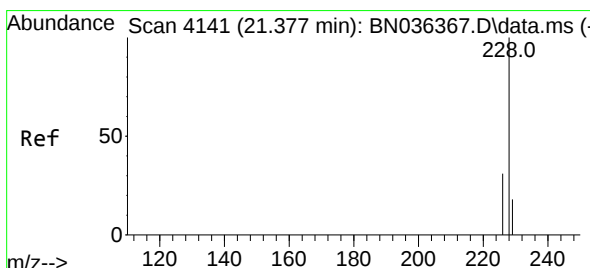
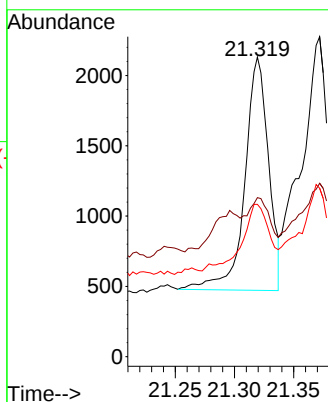
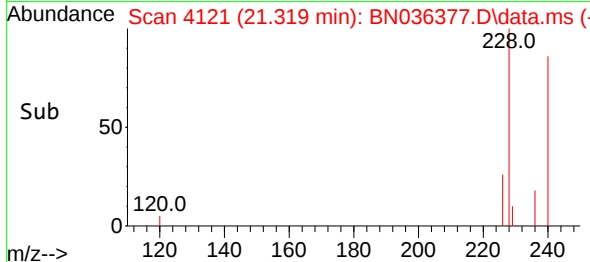
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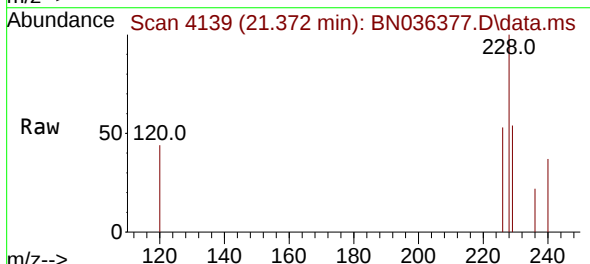
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Ion Ratio Lower Upper
228 100
229 53.1 15.9 23.9#
226 50.8 22.8 34.2#

Manual Integrations
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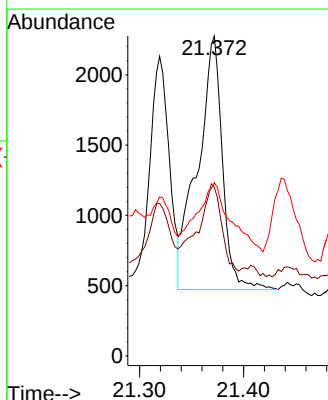
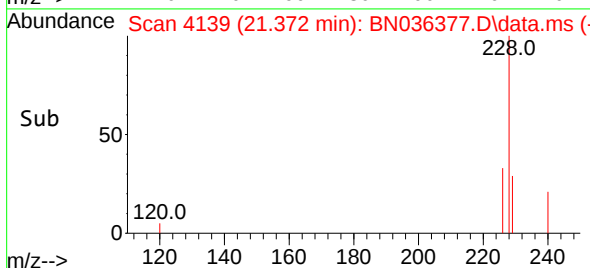
Reviewed By :Jagrut Upadhyay 02/11/2025
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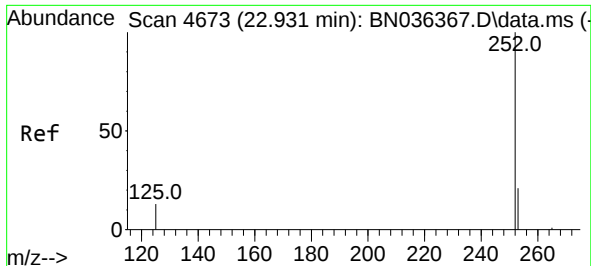


#22
Chrysene
Concen: 0.077 ng/u1
RT: 21.372 min Scan# 4139
Delta R.T. -0.005 min
Lab File: BN036377.D
Acq: 07 Feb 2025 17:23



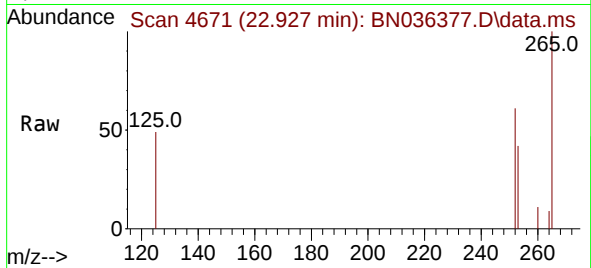
Tgt Ion:228 Resp: 2990
Ion Ratio Lower Upper
228 100
226 52.7 24.4 36.6#
229 54.2 15.9 23.9#





#24
Benzo(b)fluoranthene
Concen: 0.073 ng/ul
RT: 22.927 min Scan# 4671
Delta R.T. -0.005 min
Lab File: BN036377.D
Acq: 07 Feb 2025 17:23

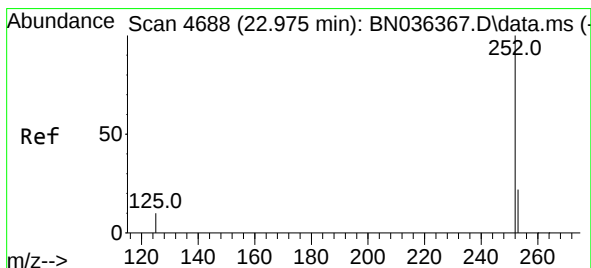
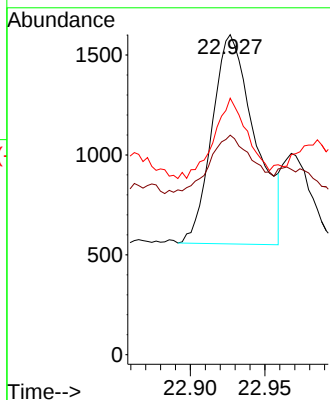
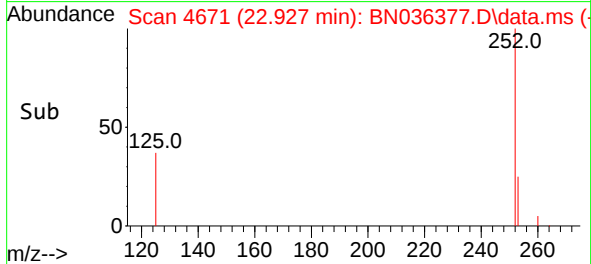
Instrument :
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Tgt Ion:252 Resp: 2093
Ion Ratio Lower Upper
252 100
253 68.6 0.0 51.2
125 80.1 0.0 27.8

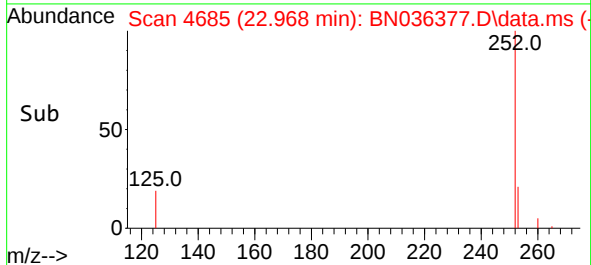
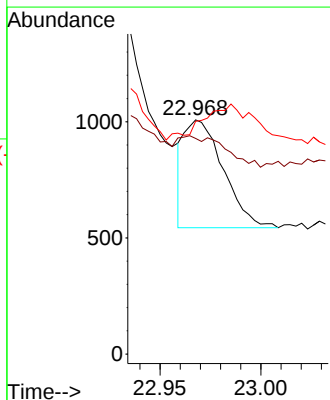
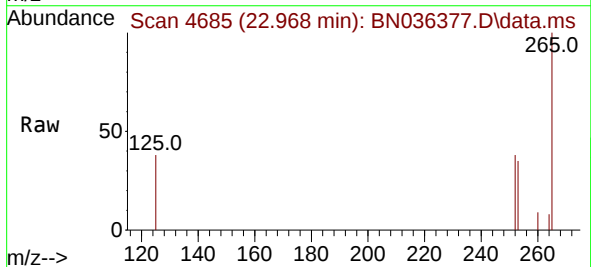
Manual Integrations
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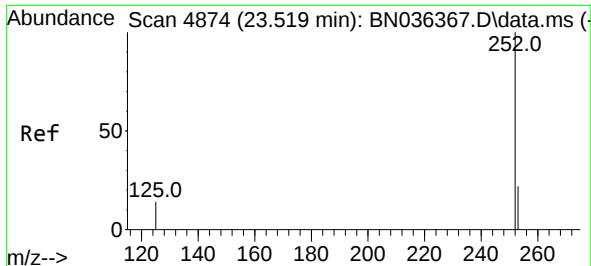
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025



#25
Benzo(k)fluoranthene
Concen: 0.021 ng/ul
RT: 22.968 min Scan# 4685
Delta R.T. -0.008 min
Lab File: BN036377.D
Acq: 07 Feb 2025 17:23

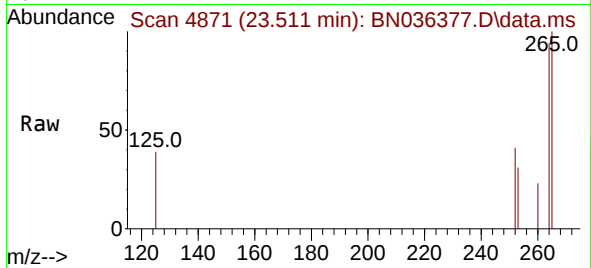
Tgt Ion:252 Resp: 630
Ion Ratio Lower Upper
252 100
253 92.1 20.2 30.4#
125 99.4 10.6 16.0#





#26
Benzo(a)pyrene
Concen: 0.051 ng/u1
RT: 23.511 min Scan# 4871
Delta R.T. -0.008 min
Lab File: BN036377.D
Acq: 07 Feb 2025 17:23

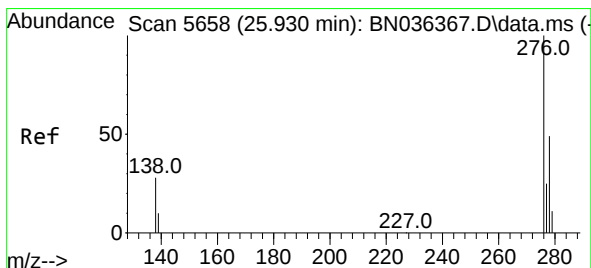
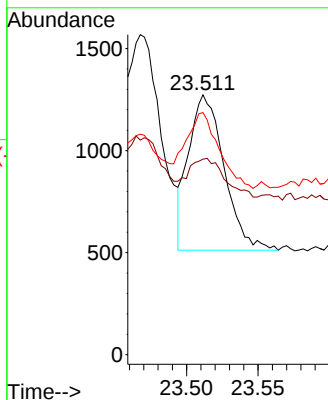
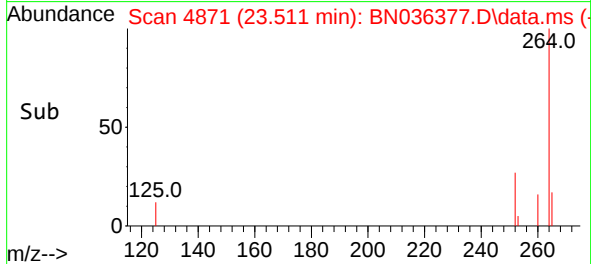
Instrument :
BNA_N
ClientSampleId :
E29B5



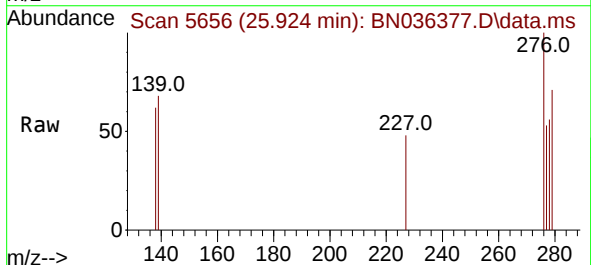
Tgt Ion:252 Resp: 1318
Ion Ratio Lower Upper
252 100
253 75.3 22.2 33.4
125 93.2 13.1 19.7

Manual Integrations
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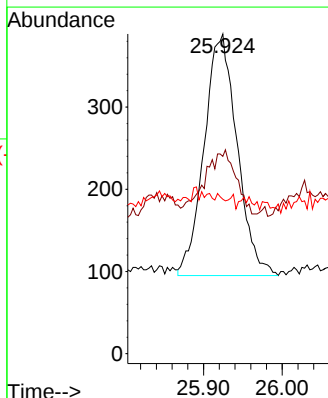
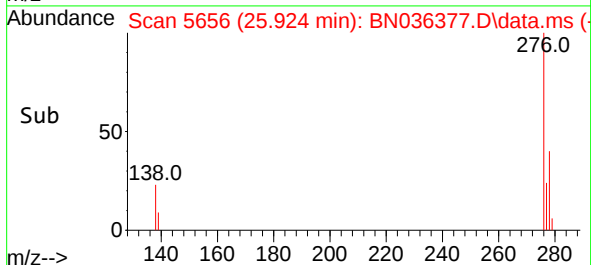
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025

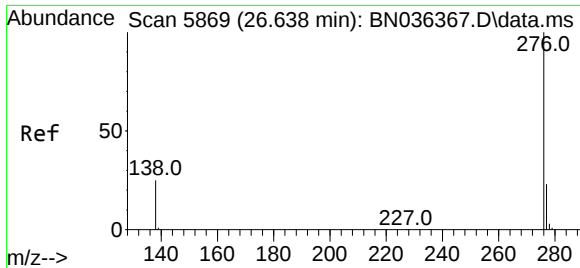


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng/u1
RT: 25.924 min Scan# 5656
Delta R.T. -0.006 min
Lab File: BN036377.D
Acq: 07 Feb 2025 17:23



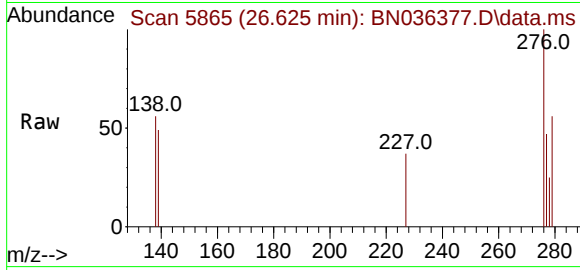
Tgt Ion:276 Resp: 855
Ion Ratio Lower Upper
276 100
138 27.1 20.2 30.4
227 0.0 0.1 0.1





#29
Benzo(g,h,i)perylene
Concen: 0.041 ng/ul
RT: 26.625 min Scan# 51
Delta R.T. -0.012 min
Lab File: BN036377.D
Acq: 07 Feb 2025 17:23

Instrument :
BNA_N
ClientSampleId :
E29B5



Tgt Ion: 276 Resp: 108

Ion	Ratio	Lower	Upper
276	100		
138	55.6	19.4	29.0
277	46.9	21.1	31.7

Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025

