

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032925.D
 Acq On : 24 Jul 2024 00:19
 Operator : MA/JU
 Sample : P3238-17DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C04DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 01:27:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	5793	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	19514	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.170	164	11521	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.927	188	19907	0.400	ng/ul	-0.03
17) Chrysene-d12	21.141	240	14808	0.400	ng/ul	#-0.02
23) Perylene-d12	23.333	264	18829	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	3797	0.546	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	1120	0.038	ng/ul	-0.02
18) Fluoranthene-d10	18.971	212	1928	0.040	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	24481	0.467	ng/ul	98
7) 2-Methylnaphthalene	11.977	142	8298	0.254	ng/ul	97
8) 1-Methylnaphthalene	12.191	142	6420	0.190	ng/ul	98
10) Acenaphthylene	13.892	152	7564	0.163	ng/ul#	95
11) Acenaphthene	14.230	153	39312	1.021	ng/ul	99
12) Fluorene	15.229	166	47082	1.070	ng/ul	99
15) Phenanthrene	16.970	178	709446	13.086	ng/ul	99
16) Anthracene	17.067	178	119413	2.696	ng/ul	98
19) Fluoranthene	19.004	202	903425	15.005	ng/ul	98
20) Pyrene	19.366	202	647608	10.392	ng/ul	99
21) Benzo(a)anthracene	21.127	228	364224	7.727	ng/ul	99
22) Chrysene	21.179	228	363243	5.327	ng/ul	98
24) Benzo(b)fluoranthene	22.678	252	448977m	6.758	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	165399m	2.043	ng/ul	
26) Benzo(a)pyrene	23.237	252	198547	3.453	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.532	276	161704	2.077	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.525	278	53906	0.893	ng/ul	96
29) Benzo(g,h,i)perylene	26.213	276	24435	0.376	ng/ul#	84

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

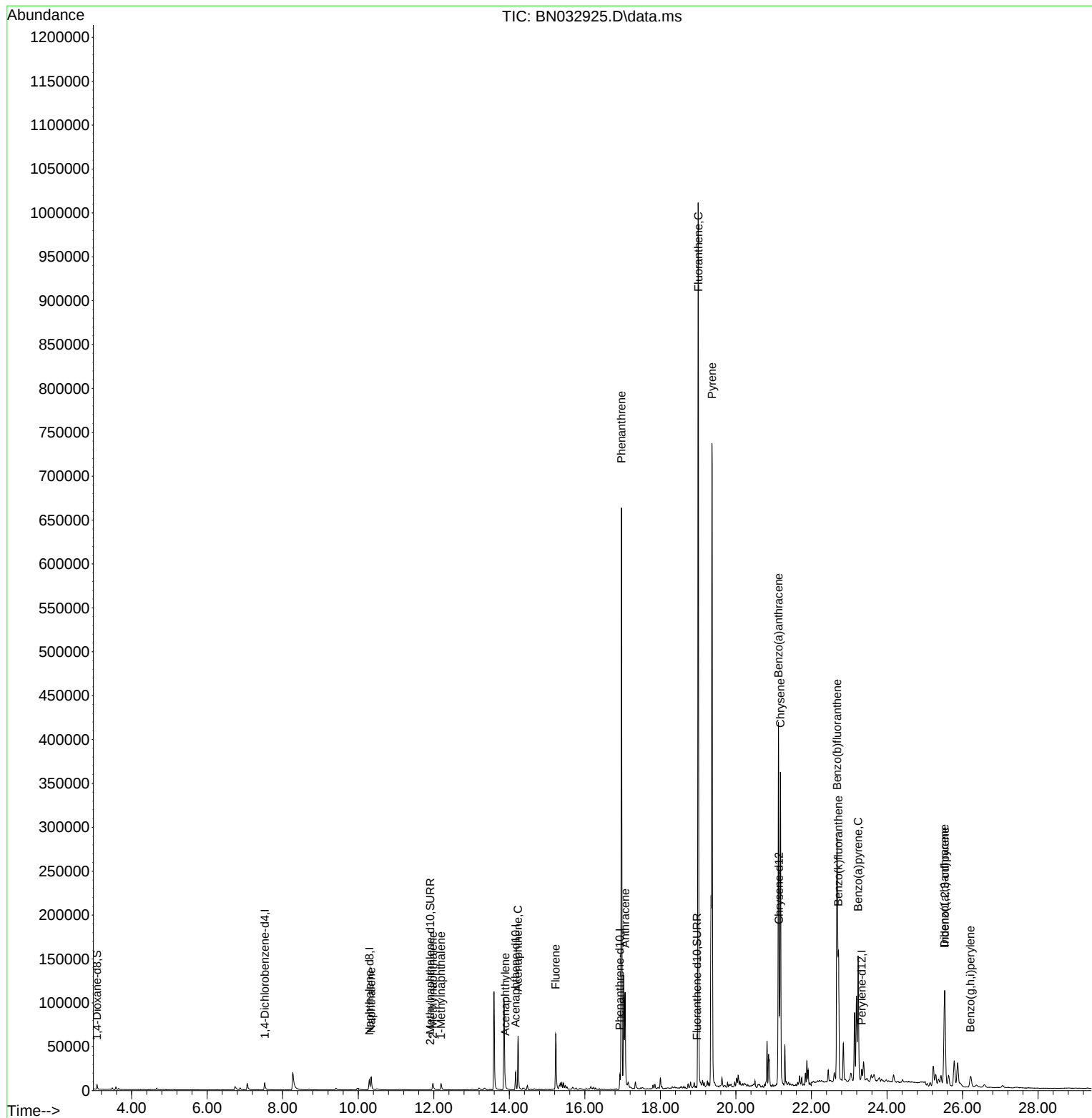
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032925.D
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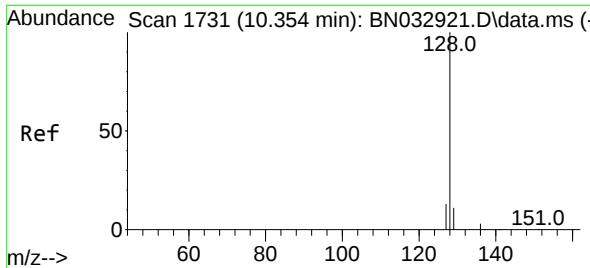
Instrument :
BNA_N
ClientSampleId :
A4C04DL

Quant Time: Jul 24 01:27:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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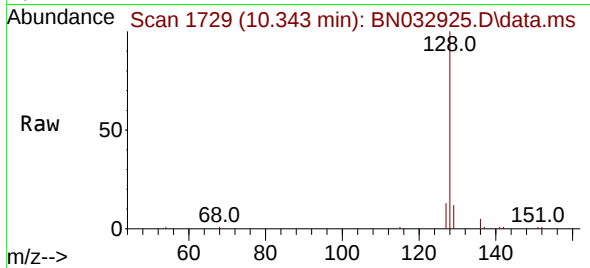
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024





#5
Naphthalene
Concen: 0.467 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.020 min
Lab File: BN032925.D
Acq: 24 Jul 2024 00:19

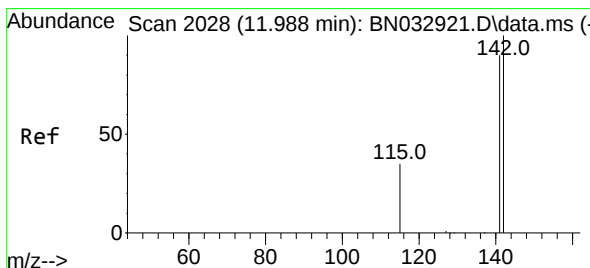
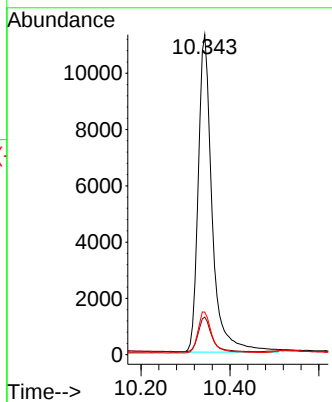
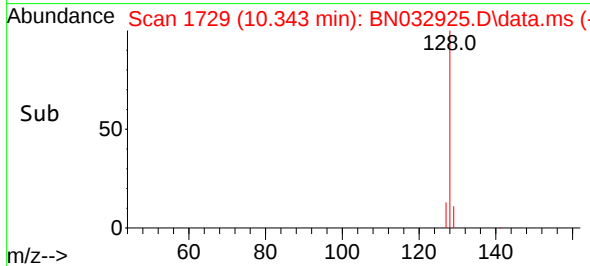
Instrument :
BNA_N
ClientSampleId :
A4C04DL



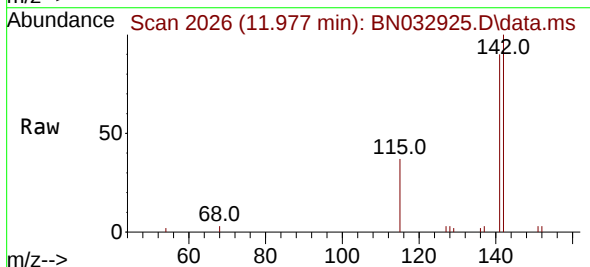
Tgt Ion:128 Resp: 2448
Ion Ratio Lower Upper
128 100
129 11.7 10.0 15.0
127 13.3 11.6 17.4

Manual Integrations
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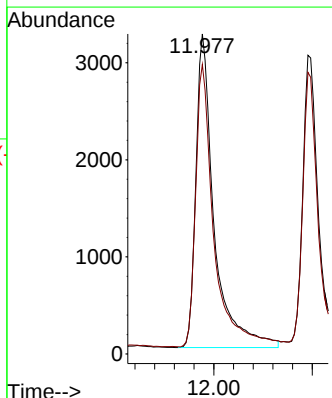
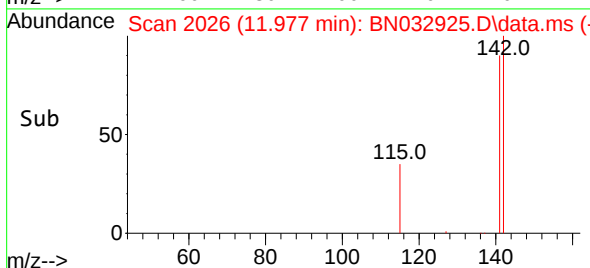
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

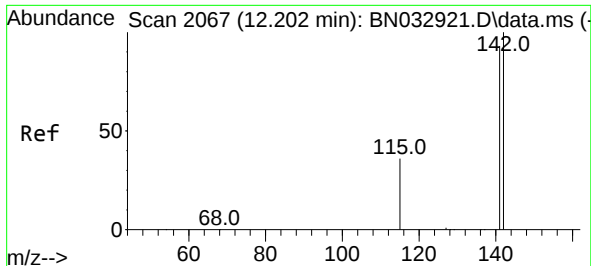


#7
2-Methylnaphthalene
Concen: 0.254 ng/ul
RT: 11.977 min Scan# 2026
Delta R.T. -0.020 min
Lab File: BN032925.D
Acq: 24 Jul 2024 00:19



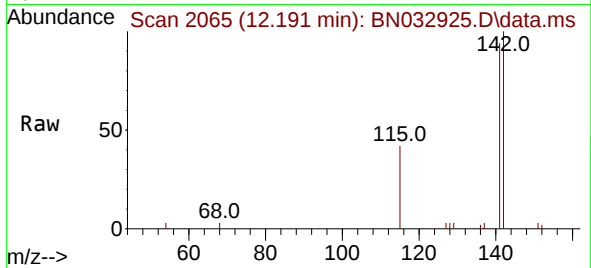
Tgt Ion:142 Resp: 8298
Ion Ratio Lower Upper
142 100
141 89.9 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.190 ng/ul
RT: 12.191 min Scan# 2065
Delta R.T. -0.020 min
Lab File: BN032925.D
Acq: 24 Jul 2024 00:19

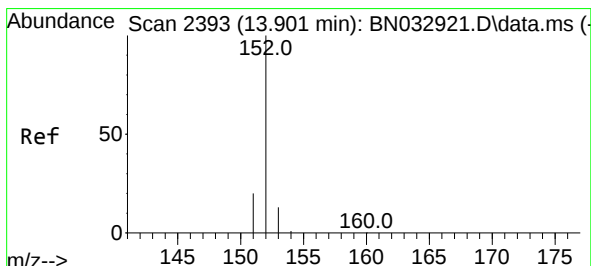
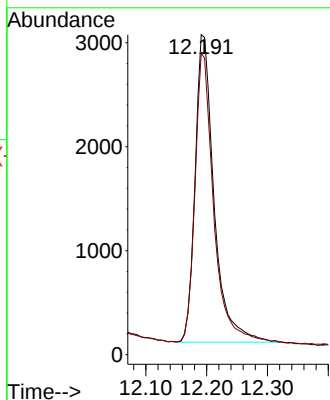
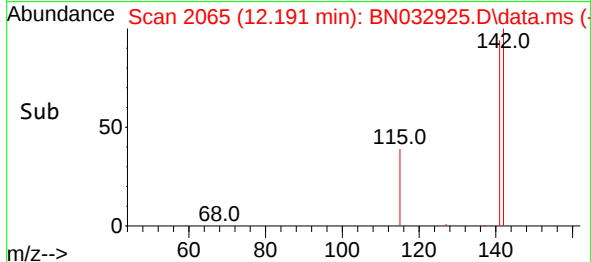
Instrument :
BNA_N
ClientSampleId :
A4C04DL



Tgt Ion:142 Resp: 6420
Ion Ratio Lower Upper
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141 92.1 75.0 112.4

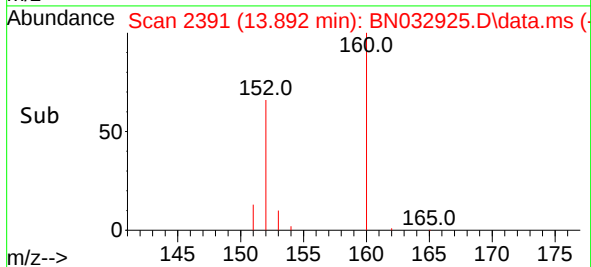
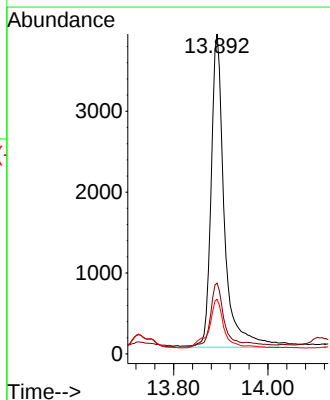
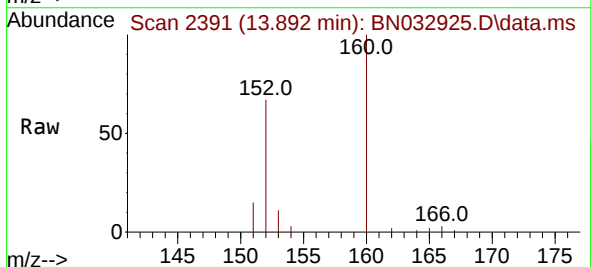
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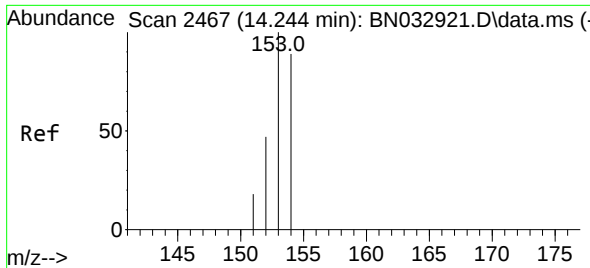
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.163 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. -0.022 min
Lab File: BN032925.D
Acq: 24 Jul 2024 00:19

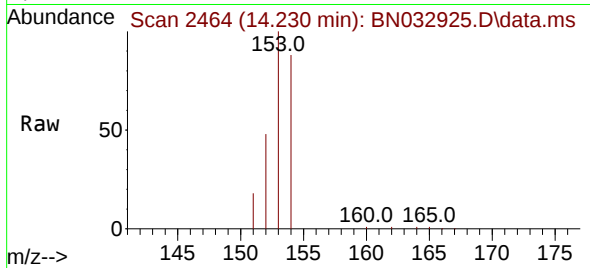
Tgt Ion:152 Resp: 7564
Ion Ratio Lower Upper
152 100
151 22.1 16.3 24.5
153 17.1 11.3 16.9#





#11
Acenaphthene
Concen: 1.021 ng/uI
RT: 14.230 min Scan# 2464
Delta R.T. -0.022 min
Lab File: BN032925.D
Acq: 24 Jul 2024 00:19

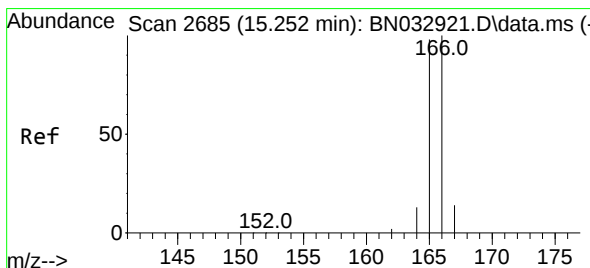
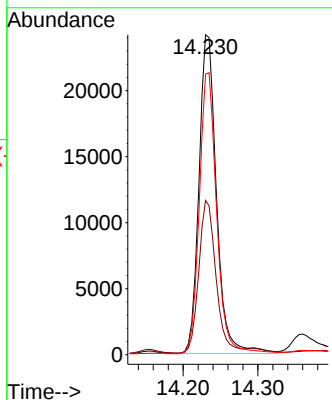
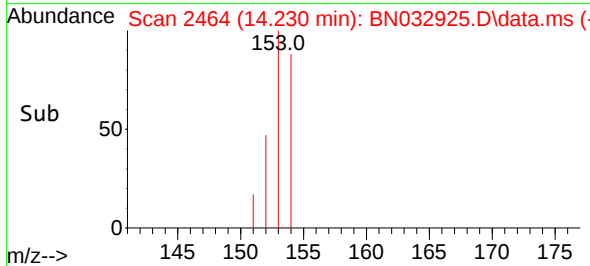
Instrument :
BNA_N
ClientSampleId :
A4C04DL



Tgt Ion:153 Resp: 39312
Ion Ratio Lower Upper
153 100
152 48.2 40.0 60.0
154 87.7 70.2 105.4

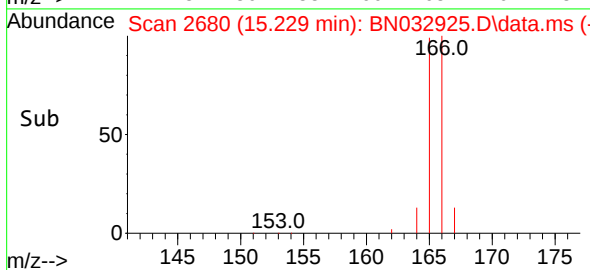
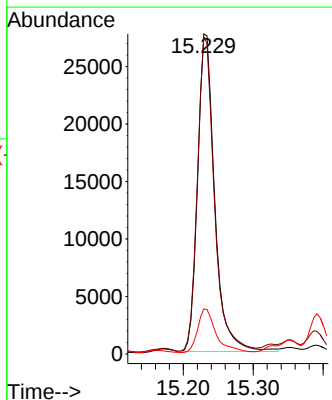
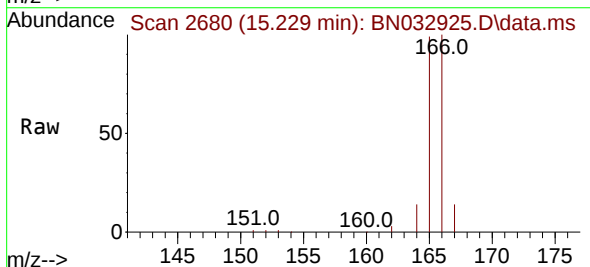
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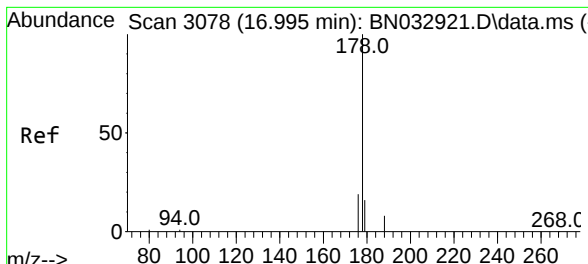
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 1.070 ng/uI
RT: 15.229 min Scan# 2680
Delta R.T. -0.031 min
Lab File: BN032925.D
Acq: 24 Jul 2024 00:19

Tgt Ion:166 Resp: 47082
Ion Ratio Lower Upper
166 100
165 99.1 79.7 119.5
167 14.0 11.4 17.2





#15
 Phenanthrene
 Concen: 13.086 ng/ul
 RT: 16.970 min Scan# 3072
 Delta R.T. -0.032 min
 Lab File: BN032925.D
 Acq: 24 Jul 2024 00:19

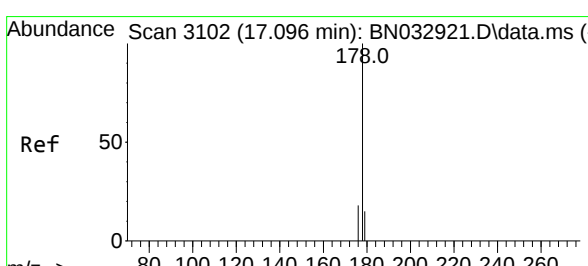
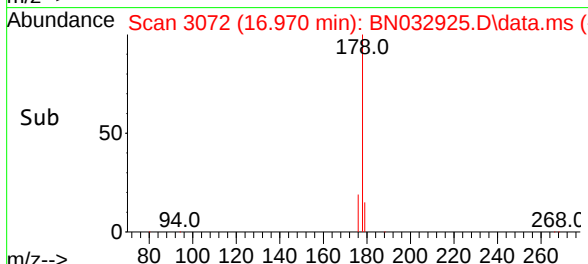
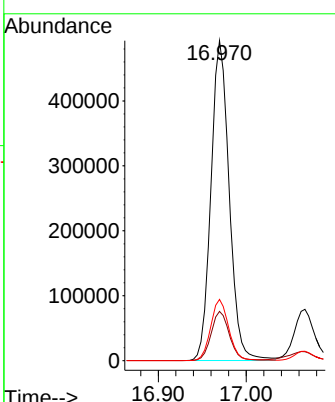
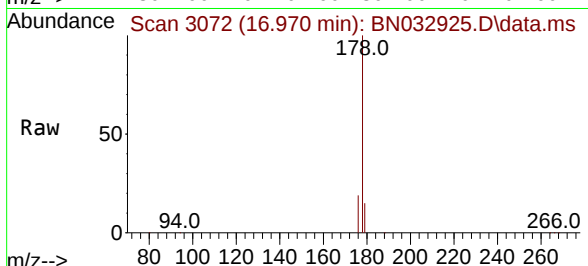
Instrument :
 BNA_N
 ClientSampleId :
 A4C04DL

Tgt Ion:178 Resp: 70944

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.4
176	19.1	15.6	23.4

Manual Integrations
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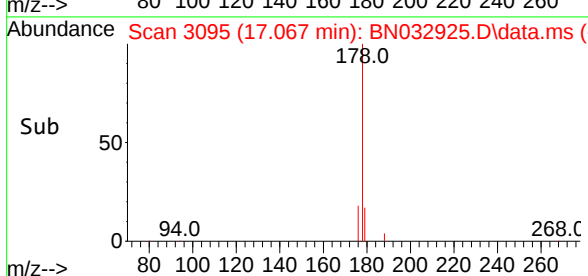
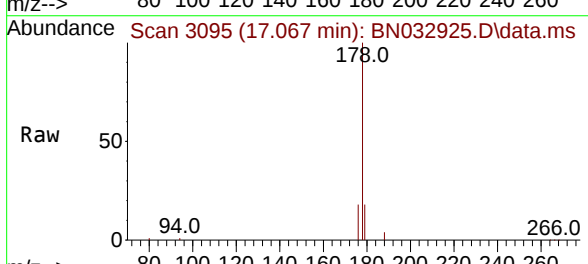
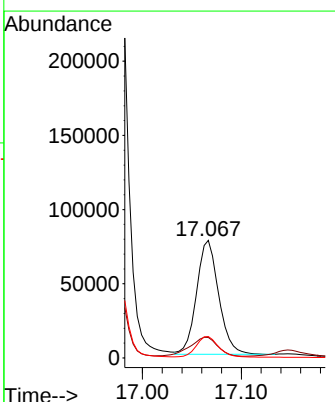
Reviewed By :Jagrut Upadhyay 07/24/2024
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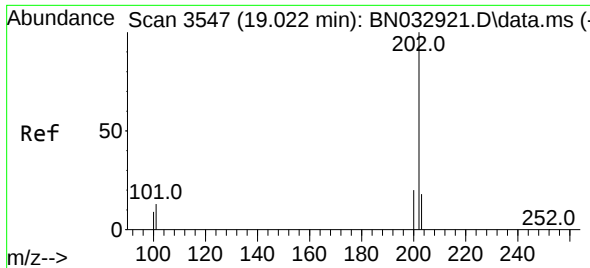


#16
 Anthracene
 Concen: 2.696 ng/ul
 RT: 17.067 min Scan# 3095
 Delta R.T. -0.032 min
 Lab File: BN032925.D
 Acq: 24 Jul 2024 00:19

Tgt Ion:178 Resp: 119413

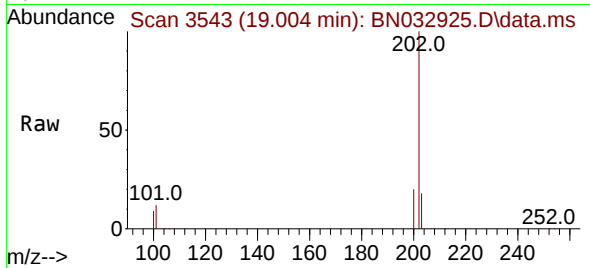
Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.4	20.2
176	18.3	15.4	23.0





#19
Fluoranthene
Concen: 15.005 ng/u1
RT: 19.004 min Scan# 3543
Delta R.T. -0.022 min
Lab File: BN032925.D
Acq: 24 Jul 2024 00:19

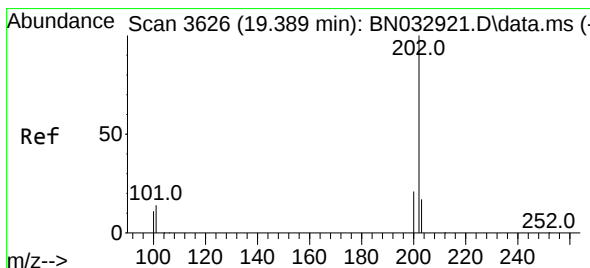
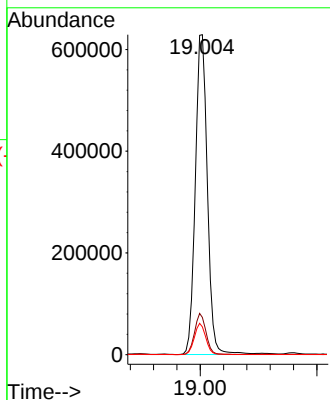
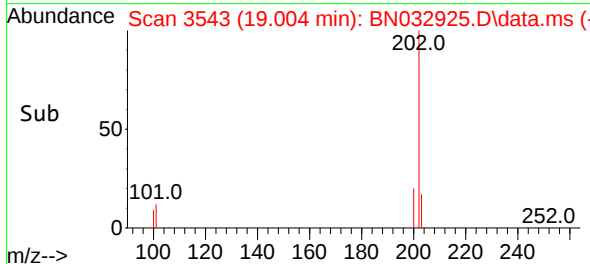
Instrument :
BNA_N
ClientSampleId :
A4C04DL



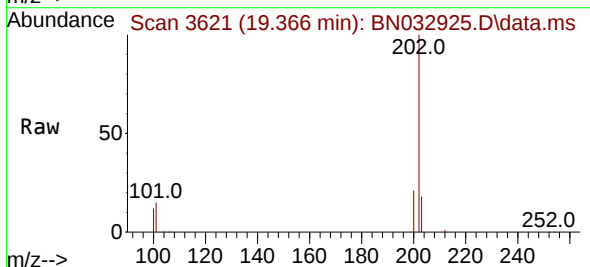
Tgt Ion:202 Resp: 903425
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 8.7 7.9 11.9

Manual Integrations
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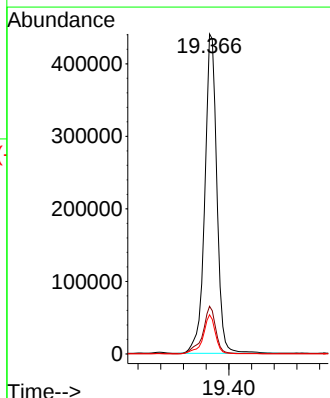
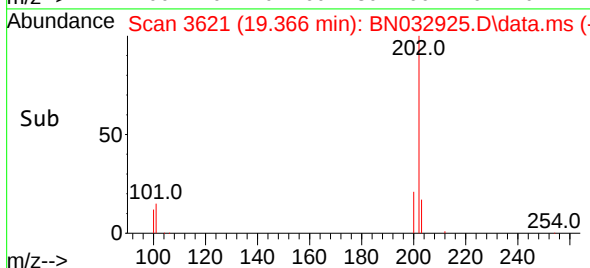
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

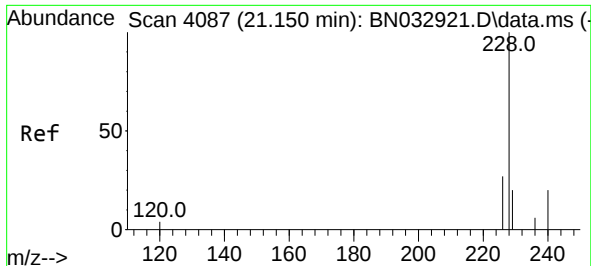


#20
Pyrene
Concen: 10.392 ng/u1
RT: 19.366 min Scan# 3621
Delta R.T. -0.026 min
Lab File: BN032925.D
Acq: 24 Jul 2024 00:19



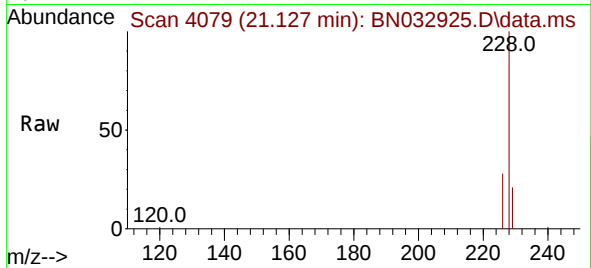
Tgt Ion:202 Resp: 647608
Ion Ratio Lower Upper
202 100
101 14.9 11.8 17.6
100 12.2 9.6 14.4





#21
Benzo(a)anthracene
Concen: 7.727 ng/ul
RT: 21.127 min Scan# 4079
Delta R.T. -0.024 min
Lab File: BN032925.D
Acq: 24 Jul 2024 00:19

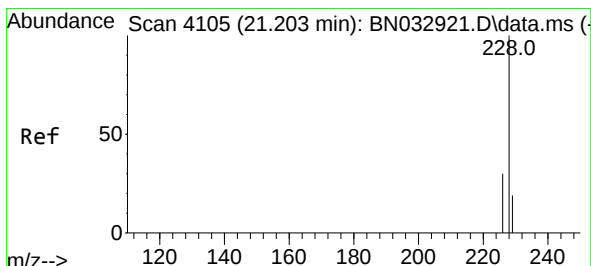
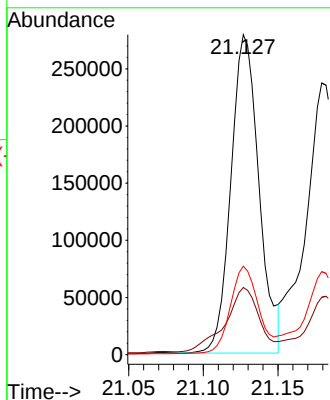
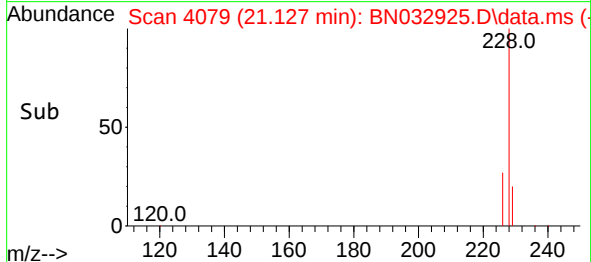
Instrument :
BNA_N
ClientSampleId :
A4C04DL



Tgt Ion:228 Resp: 364224
Ion Ratio Lower Upper
228 100
229 21.0 16.1 24.1
226 27.6 21.9 32.9

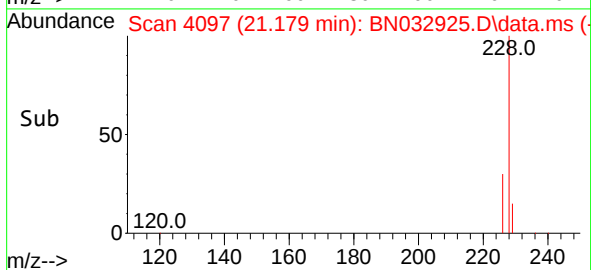
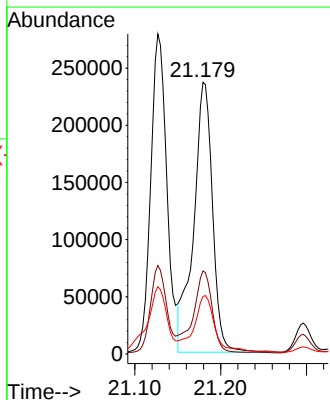
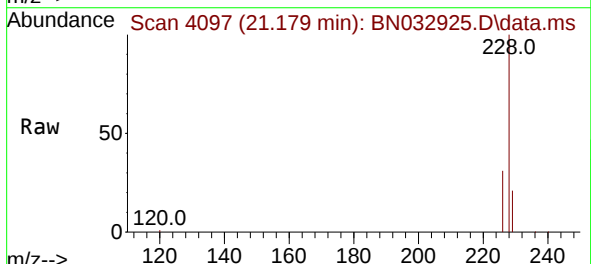
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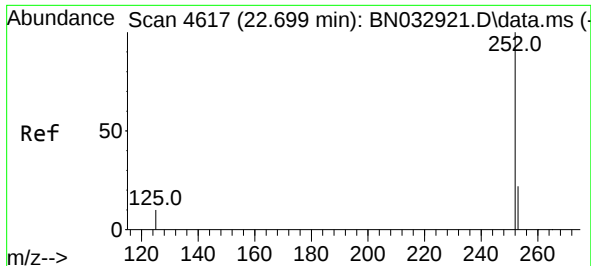
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 5.327 ng/ul
RT: 21.179 min Scan# 4097
Delta R.T. -0.024 min
Lab File: BN032925.D
Acq: 24 Jul 2024 00:19

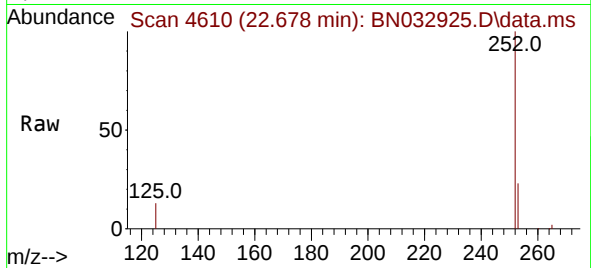
Tgt Ion:228 Resp: 363243
Ion Ratio Lower Upper
228 100
226 30.5 24.0 36.0
229 21.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 6.758 ng/ul m
RT: 22.678 min Scan# 4610
Delta R.T. -0.021 min
Lab File: BN032925.D
Acq: 24 Jul 2024 00:19

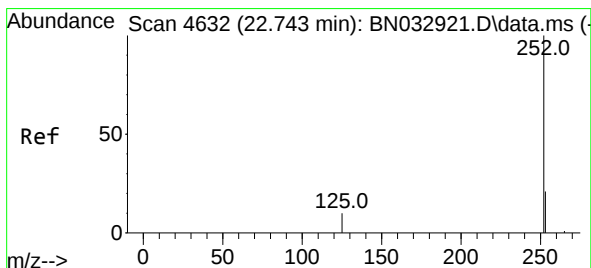
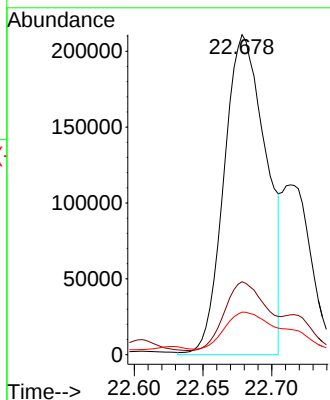
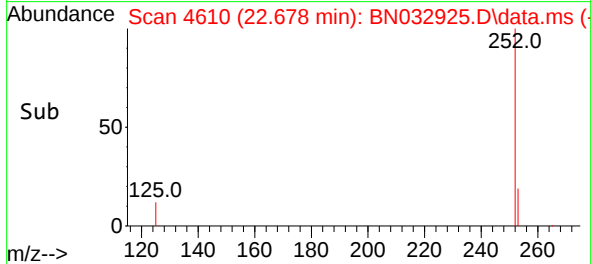
Instrument :
BNA_N
ClientSampleId :
A4C04DL



Tgt Ion:252 Resp: 44897
Ion Ratio Lower Upper
252 100
253 22.8 0.0 54.0
125 13.3 0.0 36.0

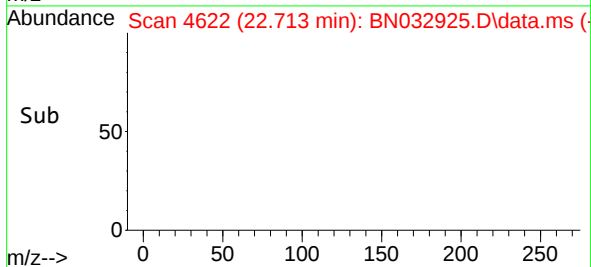
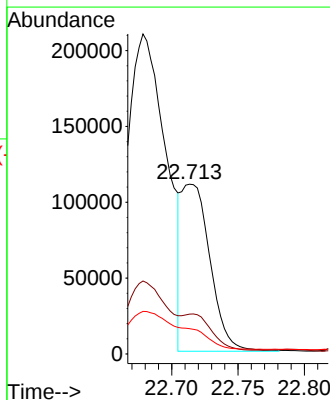
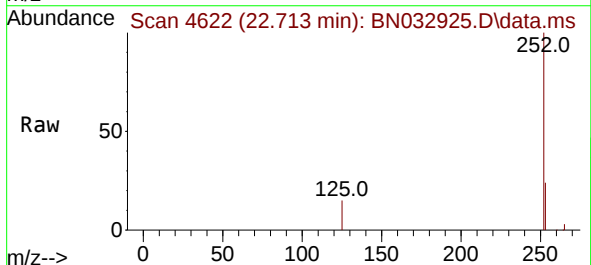
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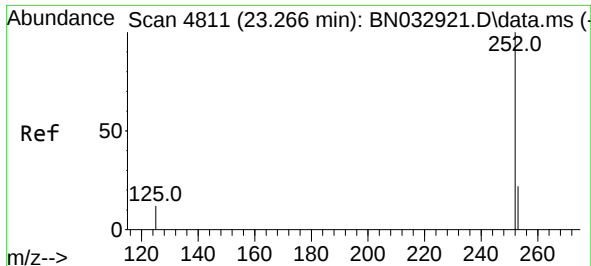
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#25
Benzo(k)fluoranthene
Concen: 2.043 ng/ul m
RT: 22.713 min Scan# 4622
Delta R.T. -0.026 min
Lab File: BN032925.D
Acq: 24 Jul 2024 00:19

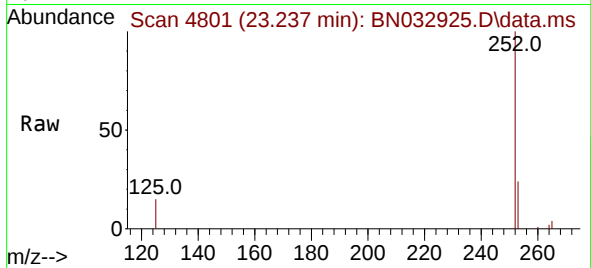
Tgt Ion:252 Resp: 165399
Ion Ratio Lower Upper
252 100
253 23.5 21.2 31.8
125 14.9 14.8 22.2





#26
Benzo(a)pyrene
Concen: 3.453 ng/ul
RT: 23.237 min Scan# 4811
Delta R.T. -0.027 min
Lab File: BN032925.D
Acq: 24 Jul 2024 00:19

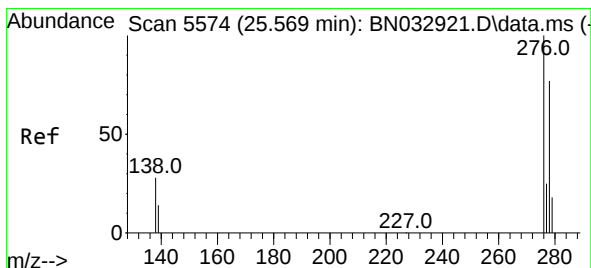
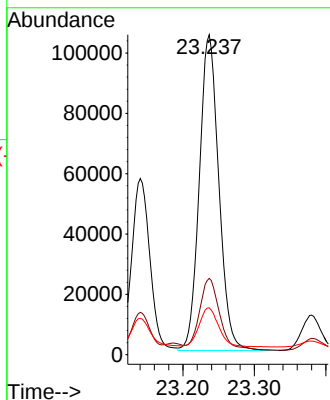
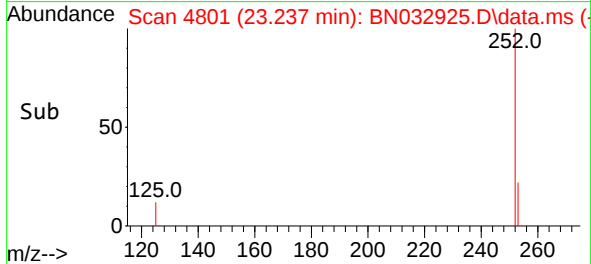
Instrument :
BNA_N
ClientSampleId :
A4C04DL



Tgt Ion:252 Resp: 19854
Ion Ratio Lower Upper
252 100
253 23.8 25.4 38.0
125 14.7 20.6 30.8

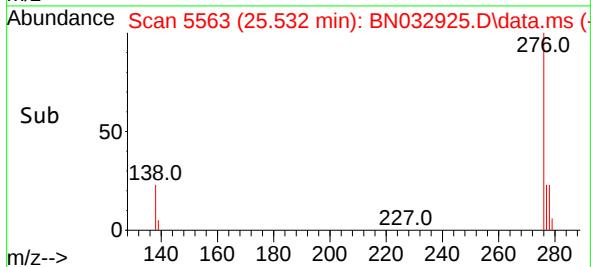
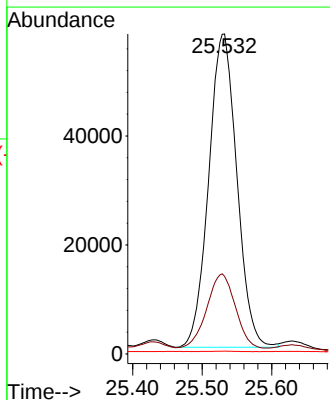
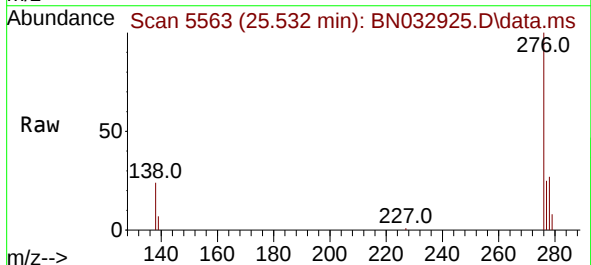
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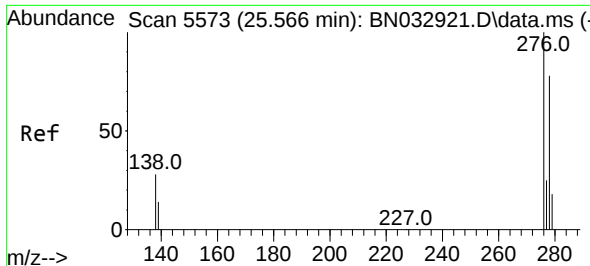
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.077 ng/ul
RT: 25.532 min Scan# 5563
Delta R.T. -0.037 min
Lab File: BN032925.D
Acq: 24 Jul 2024 00:19

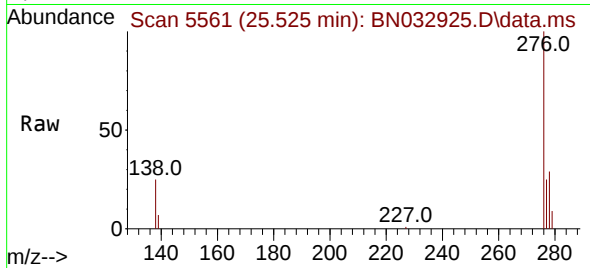
Tgt Ion:276 Resp: 161704
Ion Ratio Lower Upper
276 100
138 24.3 21.6 32.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.893 ng/ul
RT: 25.525 min Scan# 51
Delta R.T. -0.044 min
Lab File: BN032925.D
Acq: 24 Jul 2024 00:19

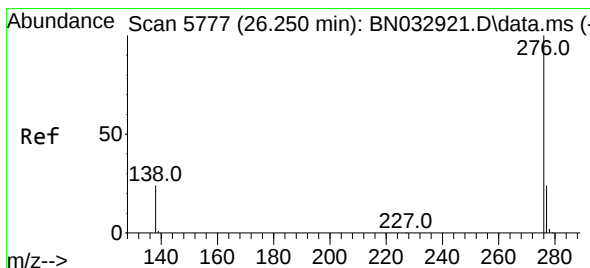
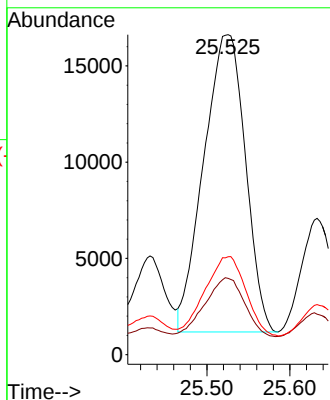
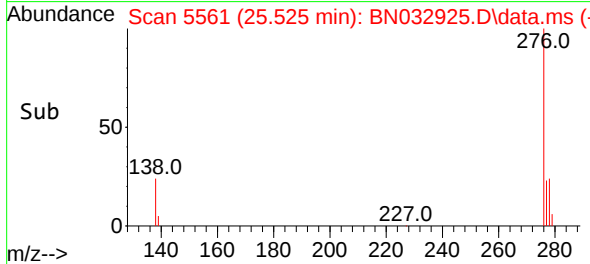
Instrument :
BNA_N
ClientSampleId :
A4C04DL



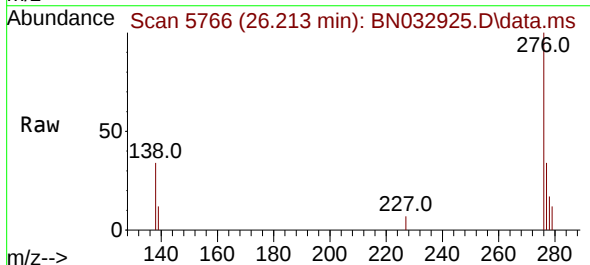
Tgt Ion:278 Resp: 53900
Ion Ratio Lower Upper
278 100
139 23.8 16.6 24.8
279 30.6 23.7 35.5

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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.376 ng/ul
RT: 26.213 min Scan# 5766
Delta R.T. -0.037 min
Lab File: BN032925.D
Acq: 24 Jul 2024 00:19



Tgt Ion:276 Resp: 24435
Ion Ratio Lower Upper
276 100
138 33.8 21.0 31.4#
277 34.4 20.6 31.0#

