

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033451.D
 Acq On : 17 Aug 2024 04:14
 Operator : MA/JU
 Sample : P3580-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 925-K1-SD-0.5-1-081224

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2024
 Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 17 04:50:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 16 04:44:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	6548	0.400	ng	-0.01
7) Naphthalene-d8	10.325	136	18082	0.400	ng	#-0.01
13) Acenaphthene-d10	14.199	164	9079	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	20468	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	17633	0.400	ng	0.00
35) Perylene-d12	23.323	264	18961	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.190	112	2304	0.127	ng	0.00
5) Phenol-d6	6.743	99	2756	0.113	ng	0.00
8) Nitrobenzene-d5	8.691	82	1809	0.133	ng	-0.01
11) 2-Methylnaphthalene-d10	11.922	152	2322	0.083	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	390	0.084	ng	-0.01
15) 2-Fluorobiphenyl	12.820	172	3030	0.081	ng	0.00
27) Fluoranthene-d10	18.984	212	3150	0.058	ng	0.00
31) Terphenyl-d14	19.602	244	2414	0.072	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	16.991	178	1939m	0.033	ng	
28) Fluoranthene	19.017	202	4432	0.061	ng	97
30) Pyrene	19.379	202	4634	0.066	ng	96
32) Benzo(a)anthracene	21.130	228	2144	0.033	ng	# 91
33) Chrysene	21.184	228	2722	0.041	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.103	149	3030	0.101	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.478	276	1682	0.021	ng	99
37) Benzo(b)fluoranthene	22.680	252	3452	0.048	ng	# 17
38) Benzo(k)fluoranthene	22.721	252	1498m	0.021	ng	
39) Benzo(a)pyrene	23.227	252	2232	0.037	ng	# 1
41) Benzo(g,h,i)perylene	26.130	276	1755	0.026	ng	# 57

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

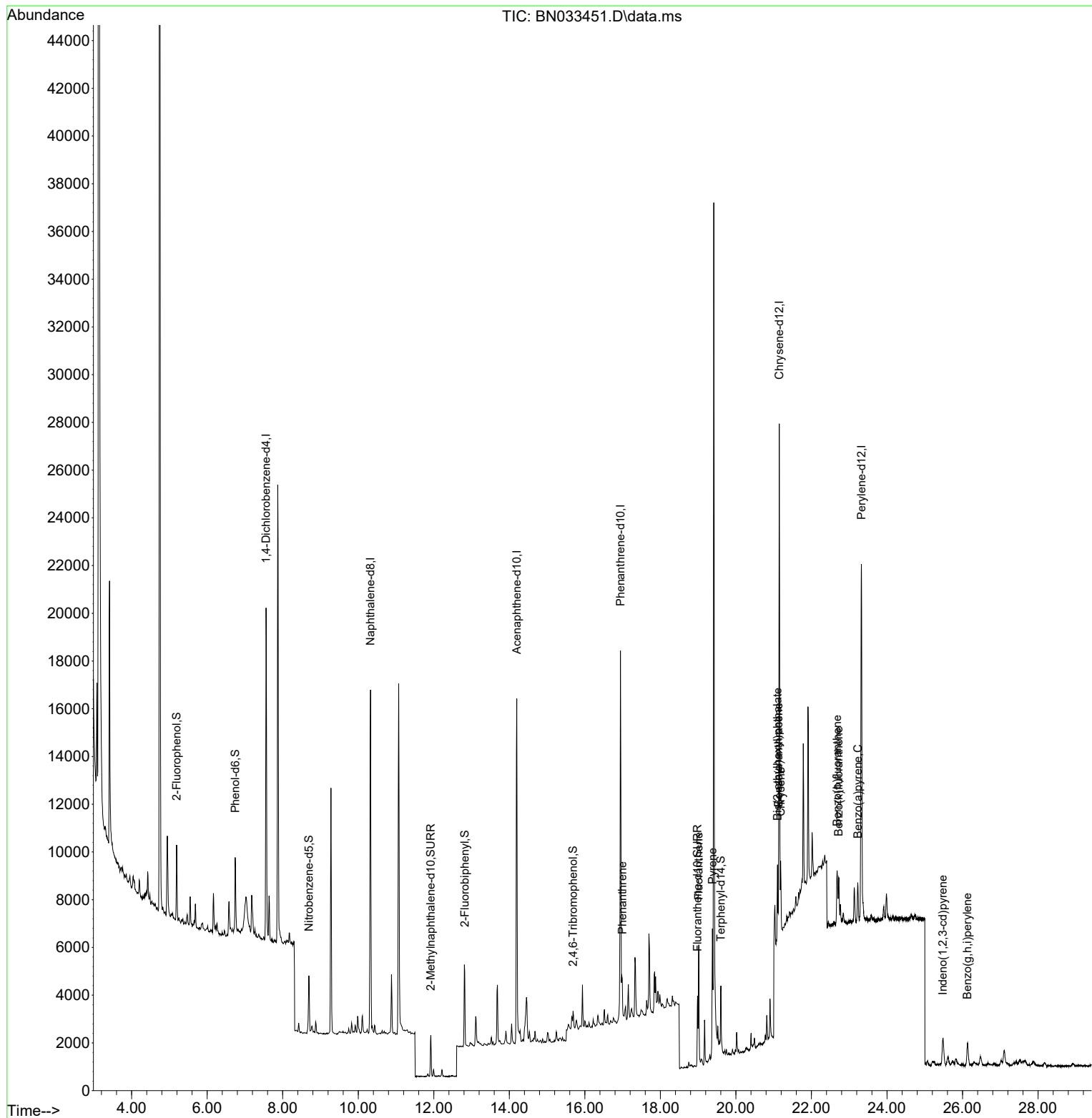
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
Data File : BN033451.D
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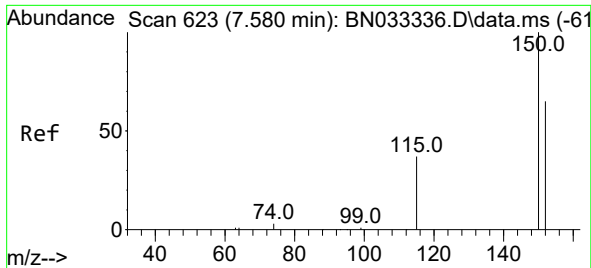
Instrument :
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ClientSampleId :
925-K1-SD-0.5-1-081224

Quant Time: Aug 17 04:50:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration

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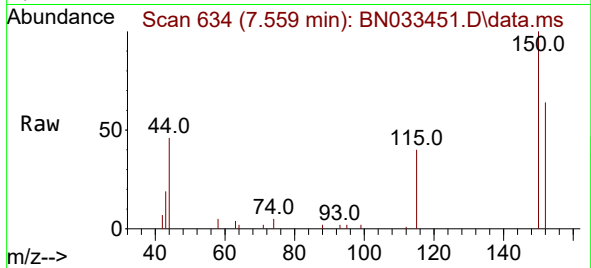
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.559 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

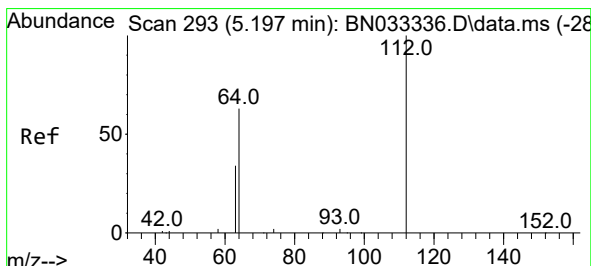
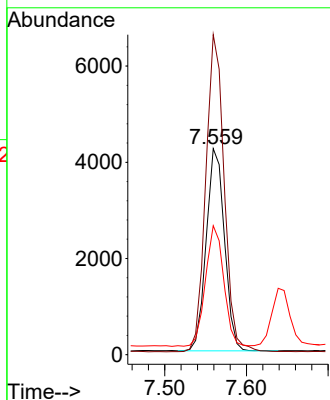
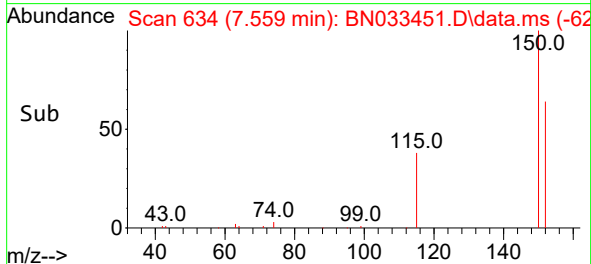
Instrument :
BNA_N
ClientSampleId :
925-K1-SD-0.5-1-081224



Tgt Ion:152 Resp: 6548
Ion Ratio Lower Upper
152 100
150 155.2 122.3 183.5
115 62.6 48.8 73.2

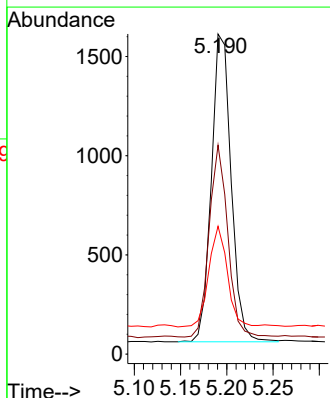
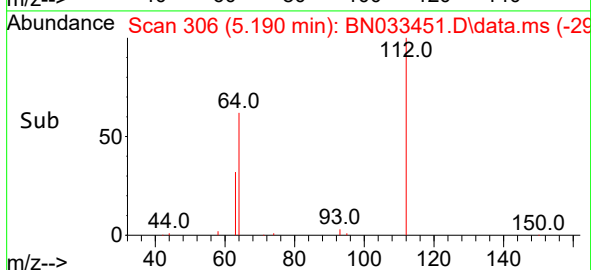
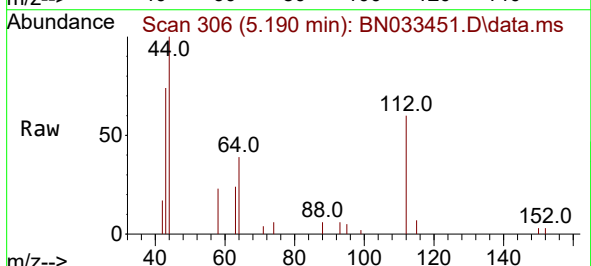
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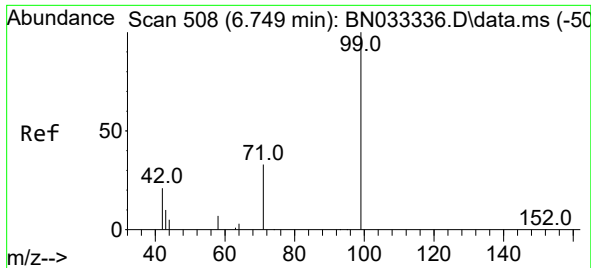
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.190 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

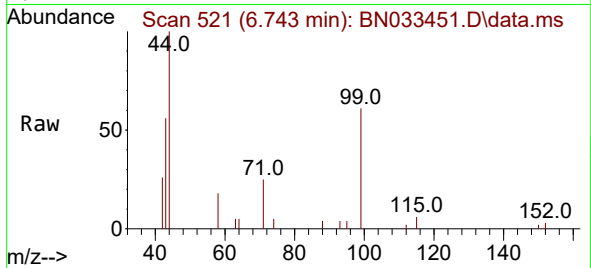
Tgt Ion:112 Resp: 2304
Ion Ratio Lower Upper
112 100
64 58.9 48.1 72.1
63 30.7 25.4 38.2





#5
Phenol-d6
Concen: 0.113 ng
RT: 6.743 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

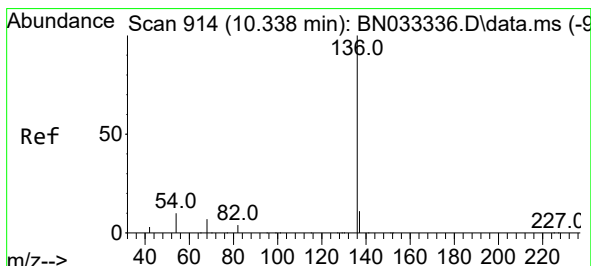
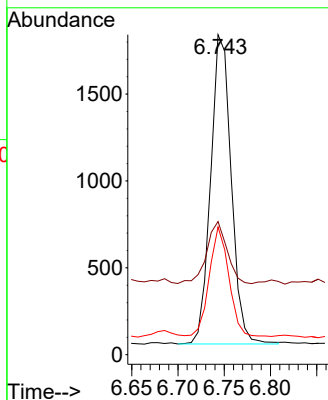
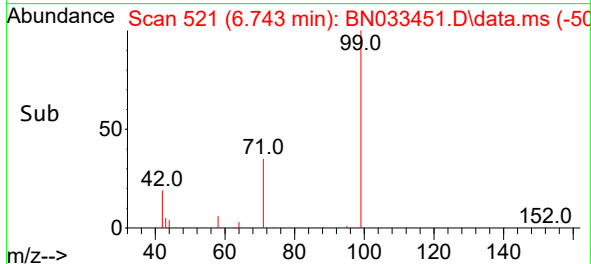
Instrument :
BNA_N
ClientSampleId :
925-K1-SD-0.5-1-081224



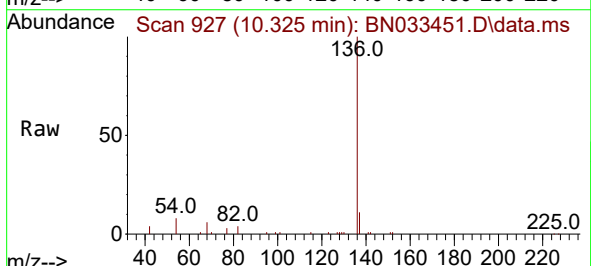
Tgt Ion: 99 Resp: 2750
Ion Ratio Lower Upper
99 100
42 19.8 18.5 27.7
71 33.8 26.2 39.2

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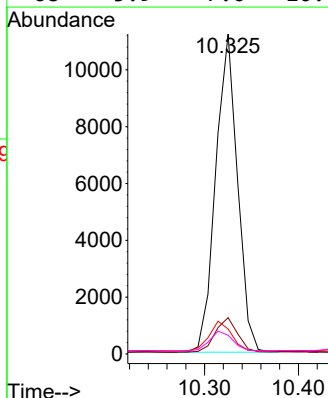
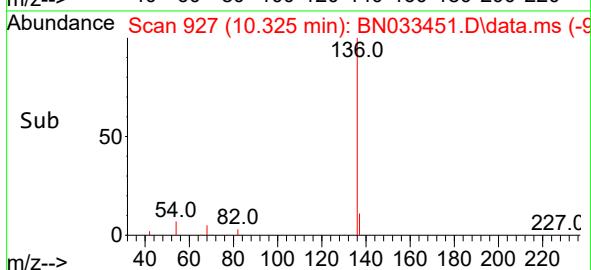
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024

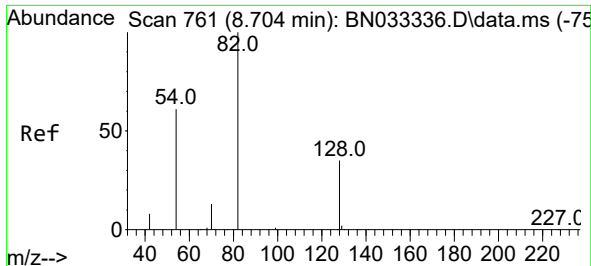


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 927
Delta R.T. -0.011 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14



Tgt Ion:136 Resp: 18082
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.8 9.4 14.0#
68 5.9 7.0 10.4#





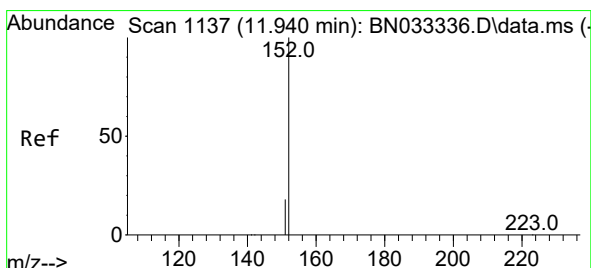
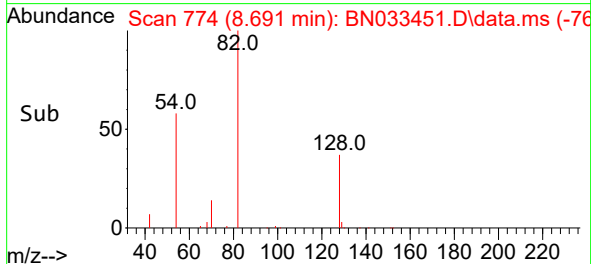
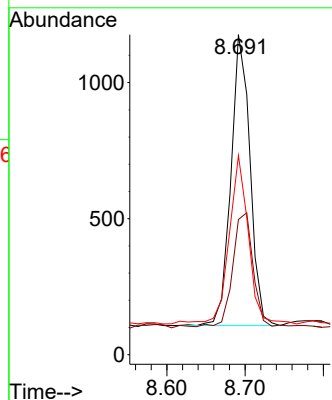
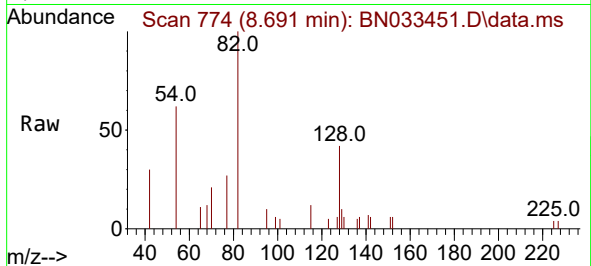
#8
Nitrobenzene-d5
Concen: 0.133 ng
RT: 8.691 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

Instrument :
BNA_N
ClientSampleId :
925-K1-SD-0.5-1-081224

Tgt Ion: 82 Resp: 1809
Ion Ratio Lower Upper
82 100
128 42.3 29.0 43.4
54 62.2 50.2 75.4

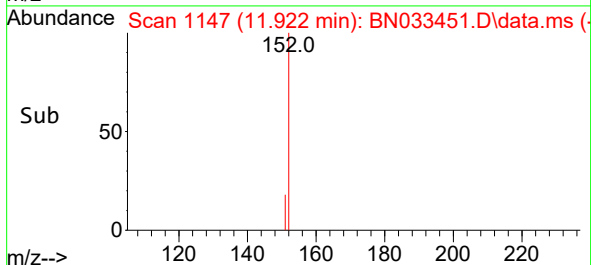
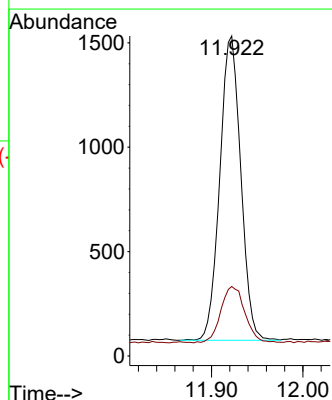
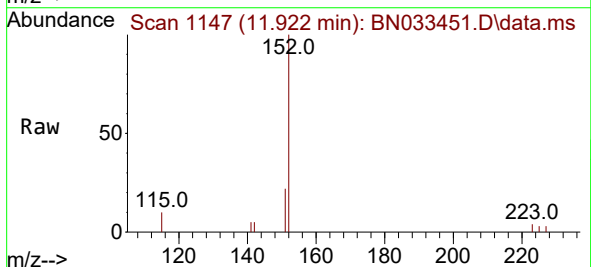
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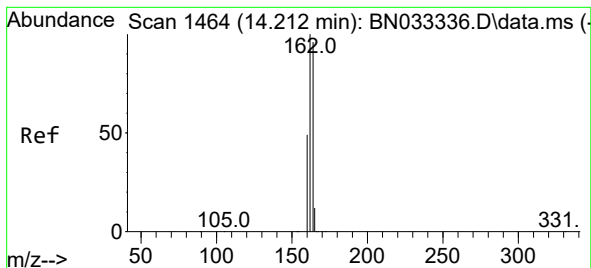
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#11
2-Methylnaphthalene-d10
Concen: 0.083 ng
RT: 11.922 min Scan# 1147
Delta R.T. -0.008 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

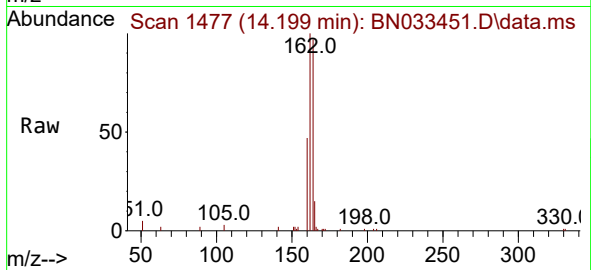
Tgt Ion:152 Resp: 2322
Ion Ratio Lower Upper
152 100
151 21.4 16.7 25.1





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.199 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

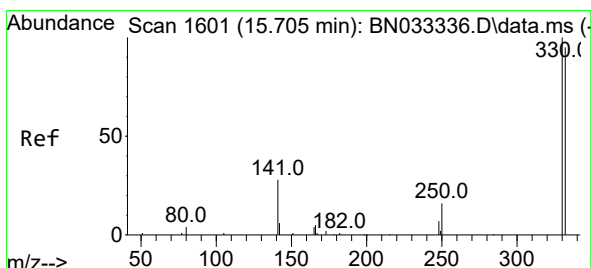
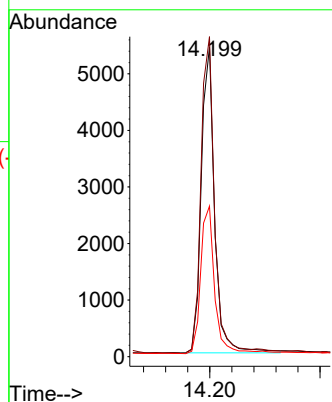
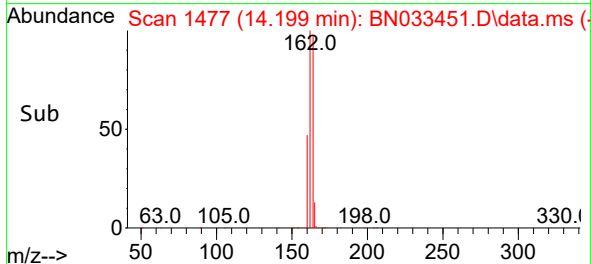
Instrument :
BNA_N
ClientSampleId :
925-K1-SD-0.5-1-081224



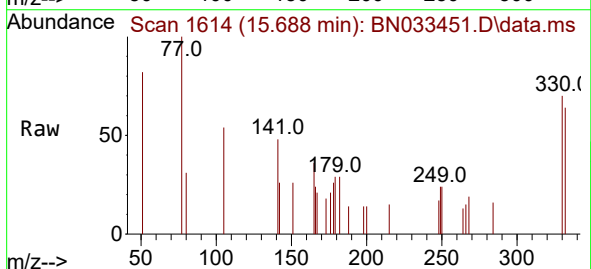
Tgt Ion:164 Resp: 9079
Ion Ratio Lower Upper
164 100
162 103.2 83.1 124.7
160 48.6 41.1 61.7

Manual Integrations
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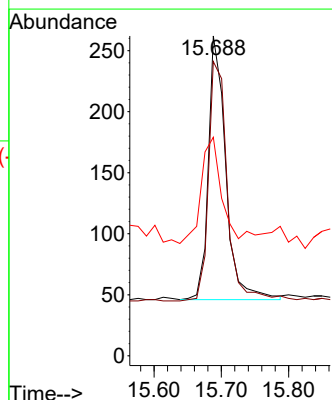
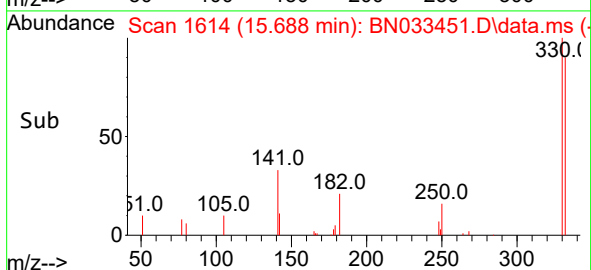
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024

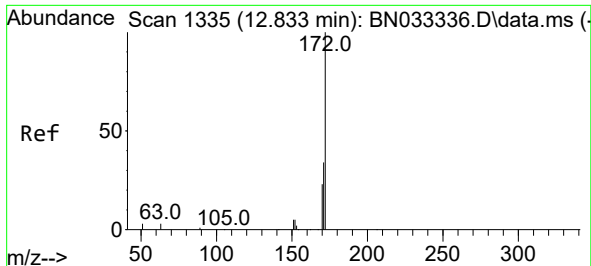


#14
2,4,6-Tribromophenol
Concen: 0.084 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.012 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14



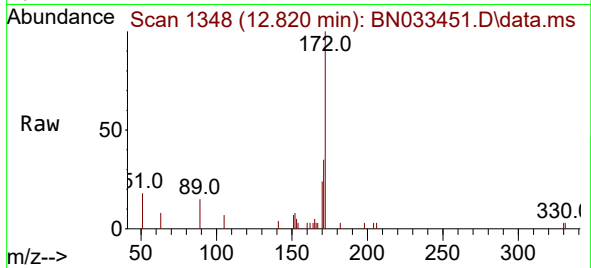
Tgt Ion:330 Resp: 390
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 49.0 33.4 50.0





#15
2-Fluorobiphenyl
Concen: 0.081 ng
RT: 12.820 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

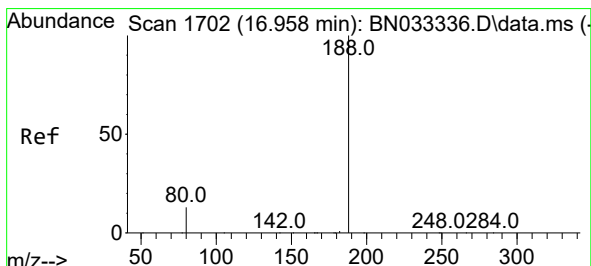
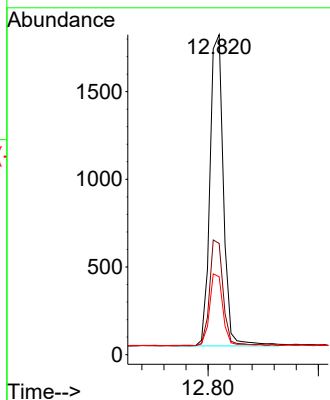
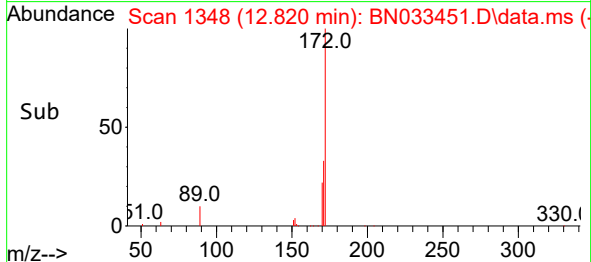
Instrument :
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Tgt Ion:172 Resp: 3030
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 24.3 18.7 28.1

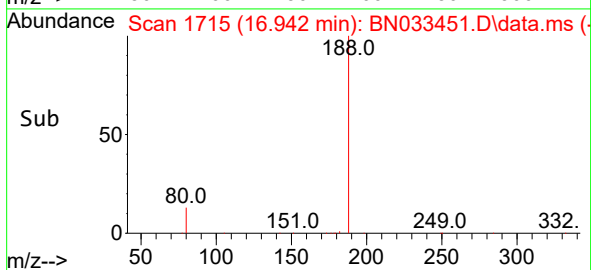
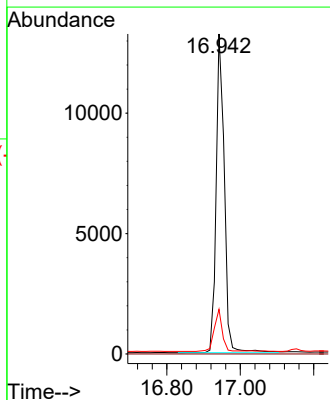
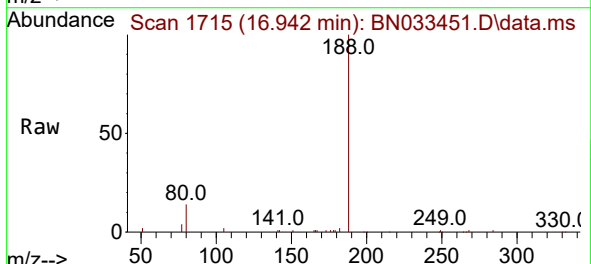
Manual Integrations
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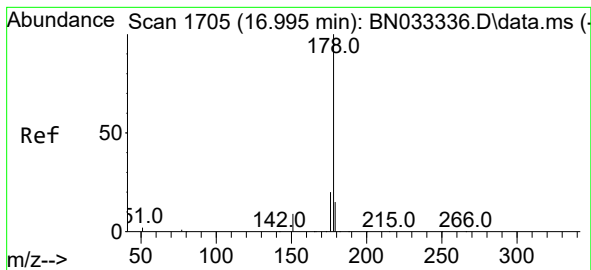
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

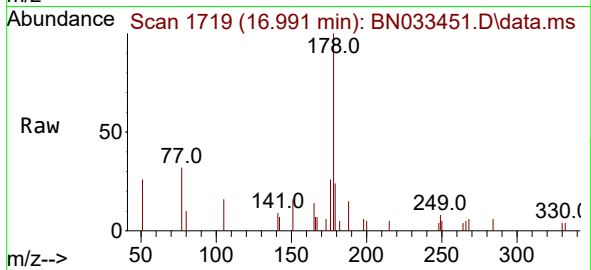
Tgt Ion:188 Resp: 20468
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 10.7 16.1





#25
Phenanthrene
Concen: 0.033 ng m
RT: 16.991 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

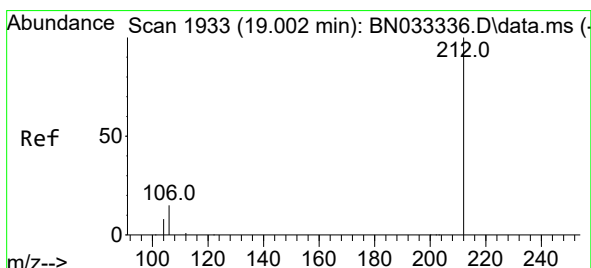
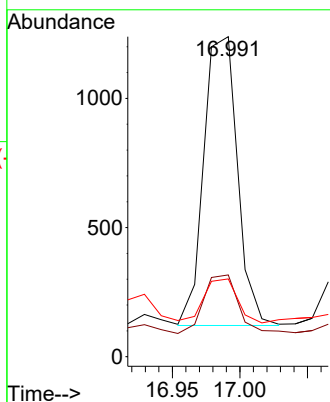
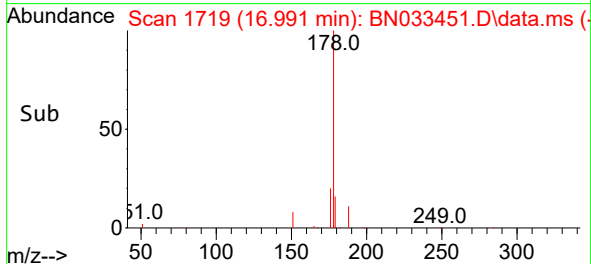
Instrument :
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925-K1-SD-0.5-1-081224



Tgt Ion:178 Resp: 1939
Ion Ratio Lower Upper
178 100
176 20.8 15.4 23.0
179 14.9 12.2 18.2

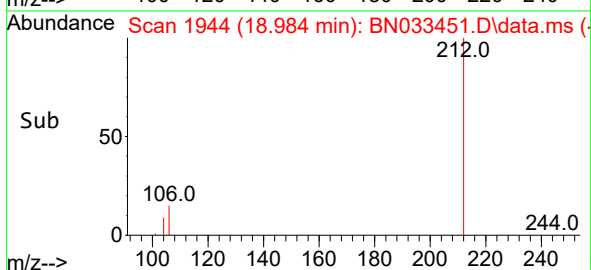
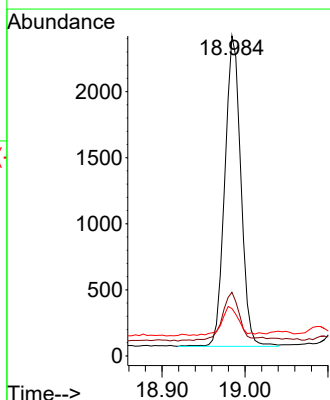
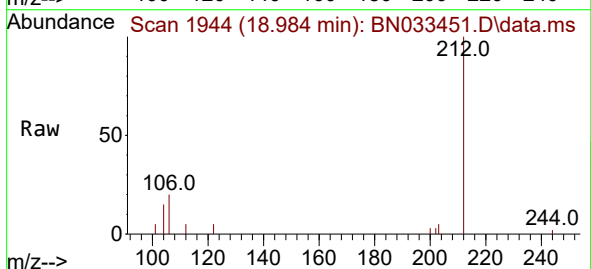
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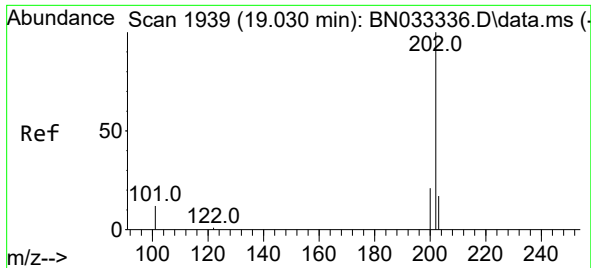
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#27
Fluoranthene-d10
Concen: 0.058 ng
RT: 18.984 min Scan# 1944
Delta R.T. -0.009 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

Tgt Ion:212 Resp: 3150
Ion Ratio Lower Upper
212 100
106 17.1 12.8 19.2
104 9.5 7.1 10.7





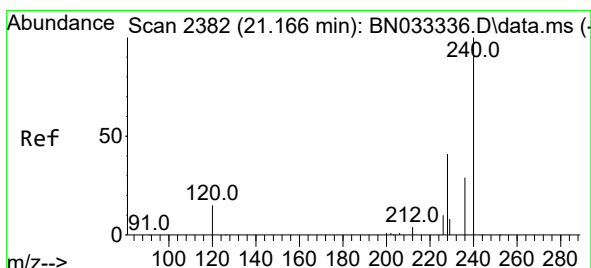
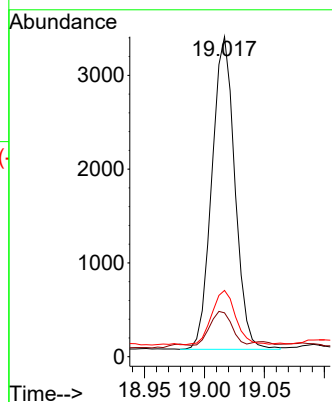
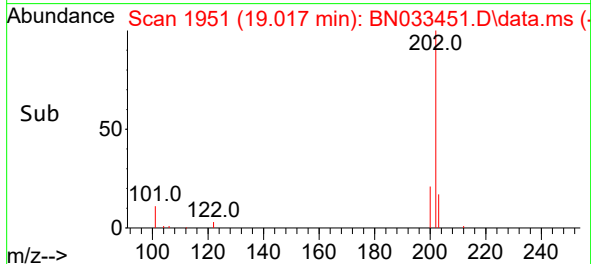
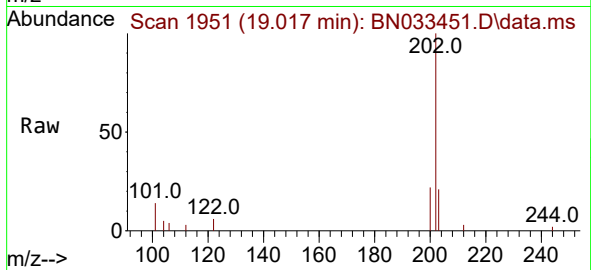
#28
Fluoranthene
Concen: 0.061 ng
RT: 19.017 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

Instrument :
BNA_N
ClientSampleId :
925-K1-SD-0.5-1-081224

Tgt Ion:202 Resp: 443
Ion Ratio Lower Upper
202 100
101 10.6 9.8 14.6
203 18.0 13.8 20.6

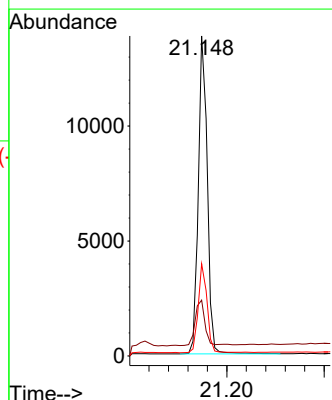
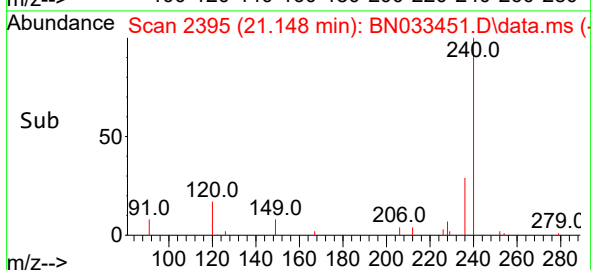
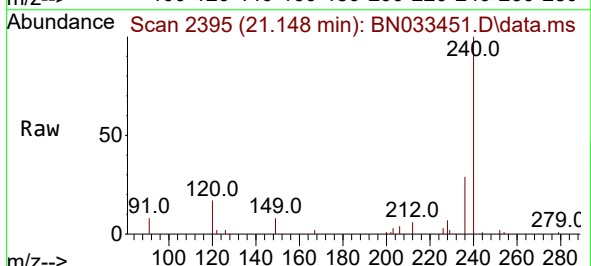
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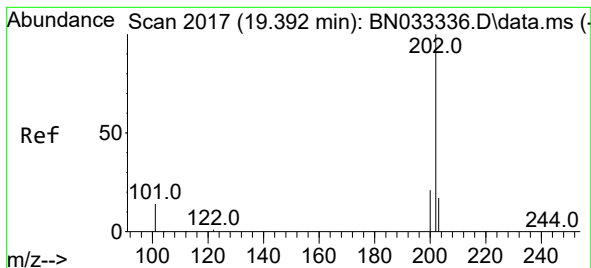
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. -0.009 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

Tgt Ion:240 Resp: 17633
Ion Ratio Lower Upper
240 100
120 17.4 13.0 19.6
236 28.8 23.2 34.8





#30

Pyrene

Concen: 0.066 ng

RT: 19.379 min Scan# 2017

Delta R.T. -0.005 min

Lab File: BN033451.D

Acq: 17 Aug 2024 04:14

Instrument :

BNA_N

ClientSampleId :

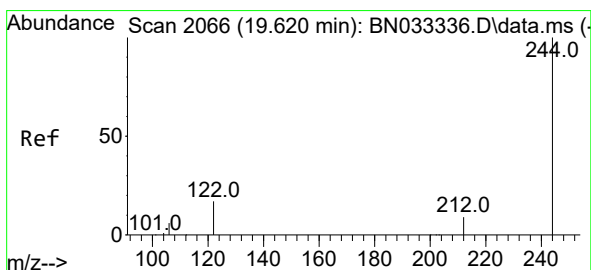
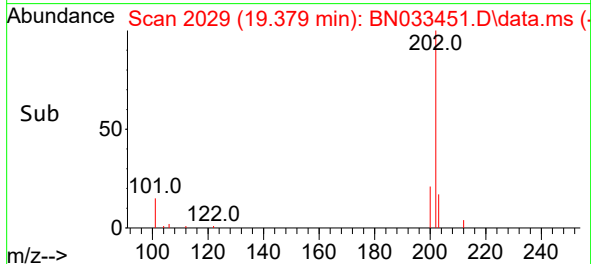
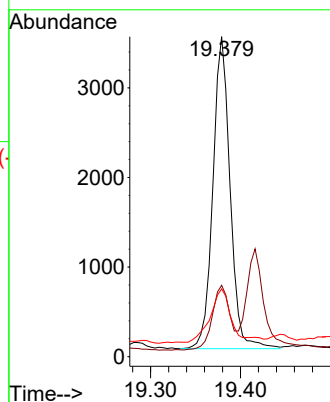
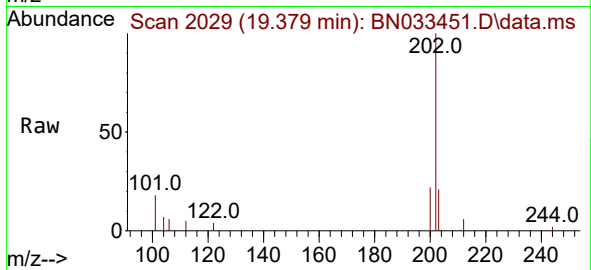
925-K1-SD-0.5-1-081224

Tgt Ion:	202	Resp:	4634
Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.7	25.1
203	20.2	14.2	21.4

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Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#31

Terphenyl-d14

Concen: 0.072 ng

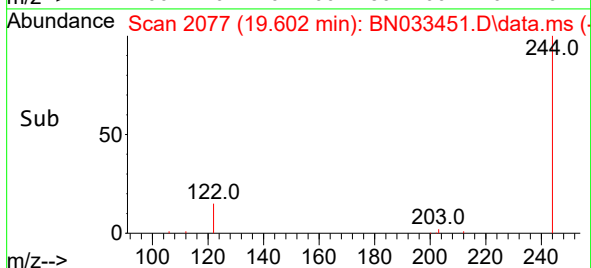
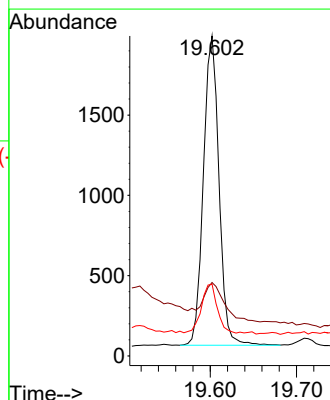
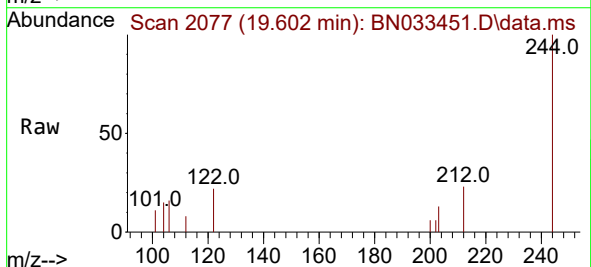
RT: 19.602 min Scan# 2077

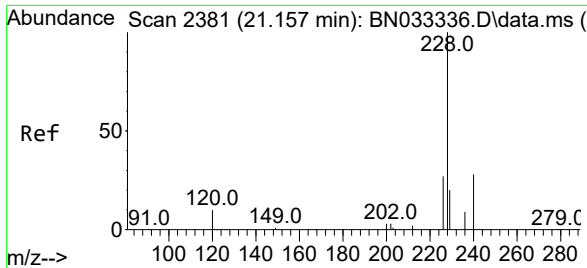
Delta R.T. -0.005 min

Lab File: BN033451.D

Acq: 17 Aug 2024 04:14

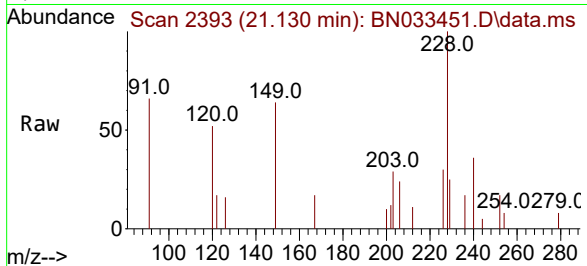
Tgt Ion:	244	Resp:	2414
Ion	Ratio	Lower	Upper
244	100		
212	22.9	7.7	11.5#
122	22.4	14.0	21.0#





#32
Benzo(a)anthracene
Concen: 0.033 ng
RT: 21.130 min Scan# 2144
Delta R.T. -0.009 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

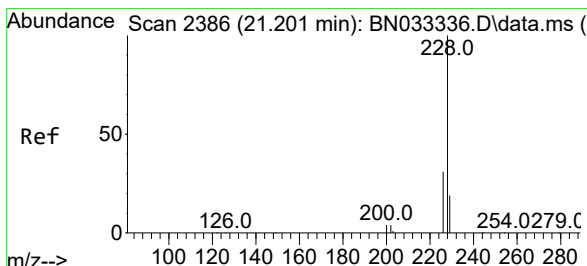
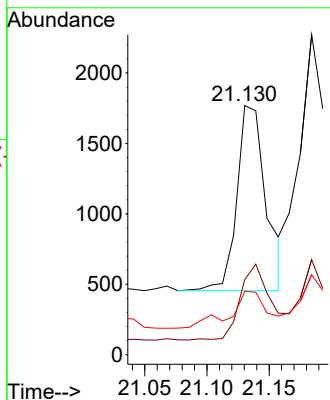
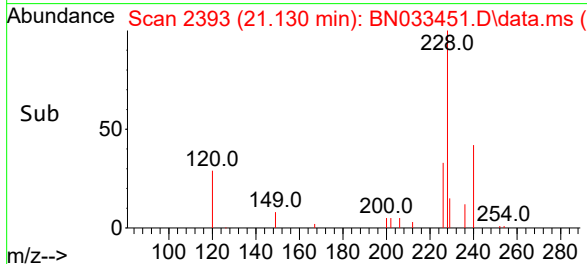
Instrument :
BNA_N
ClientSampleId :
925-K1-SD-0.5-1-081224



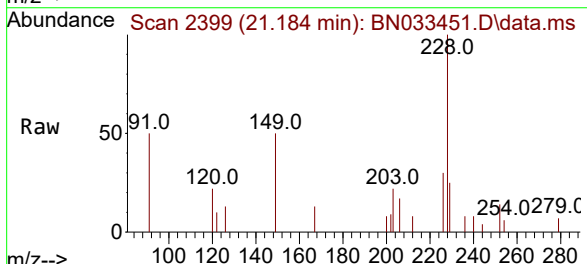
Tgt Ion:228 Resp: 2144
Ion Ratio Lower Upper
228 100
226 30.1 21.6 32.4
229 25.4 15.9 23.9

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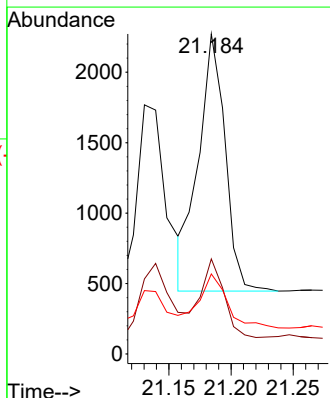
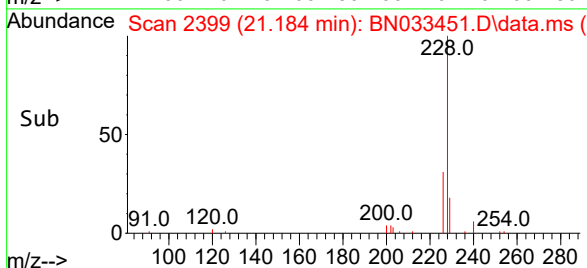
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024

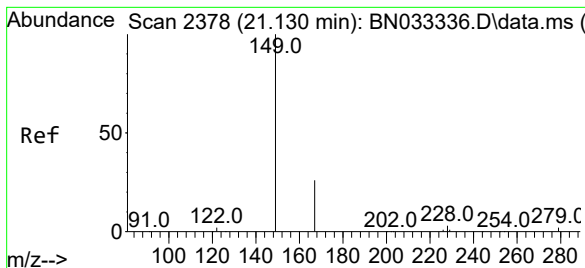


#33
Chrysene
Concen: 0.041 ng
RT: 21.184 min Scan# 2399
Delta R.T. -0.009 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14



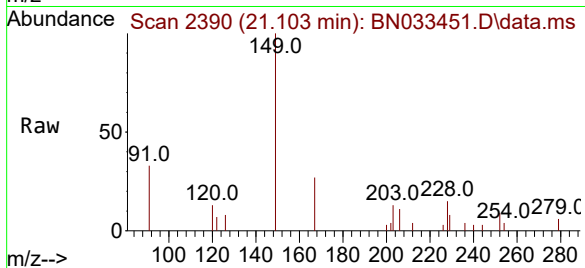
Tgt Ion:228 Resp: 2722
Ion Ratio Lower Upper
228 100
226 29.7 24.7 37.1
229 25.0 15.4 23.2





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.101 ng
RT: 21.103 min Scan# 2110
Delta R.T. -0.009 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

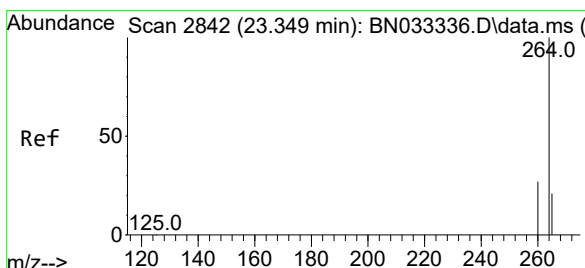
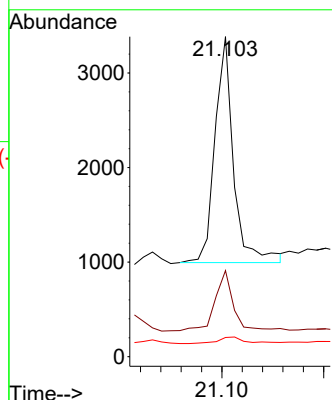
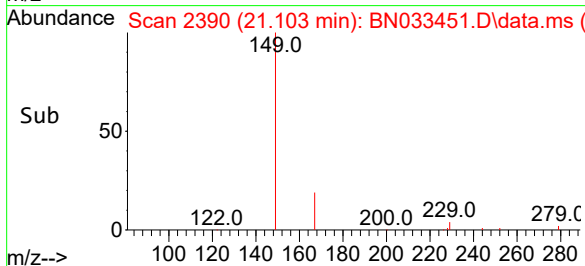
Instrument :
BNA_N
ClientSampleId :
925-K1-SD-0.5-1-081224



Tgt Ion:149 Resp: 3030
Ion Ratio Lower Upper
149 100
167 26.0 20.9 31.3
279 4.5 2.2 3.4

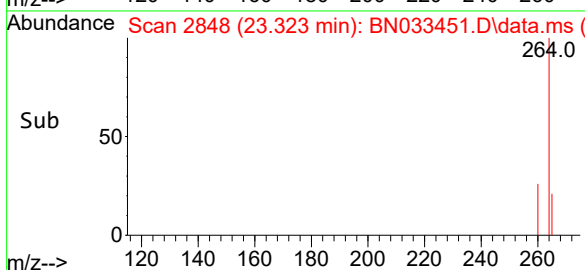
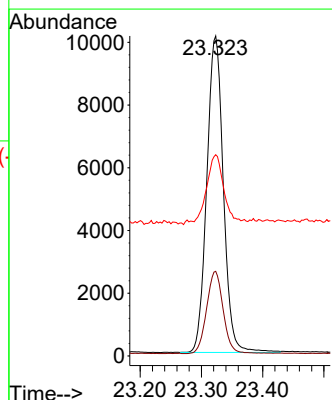
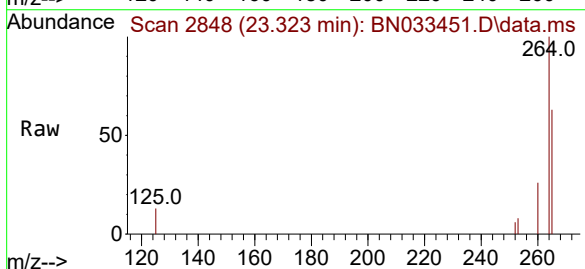
Manual Integrations
APPROVED

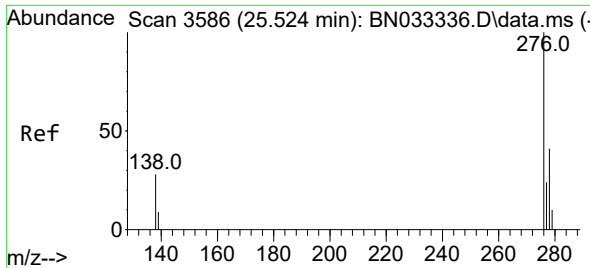
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.323 min Scan# 2848
Delta R.T. -0.009 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

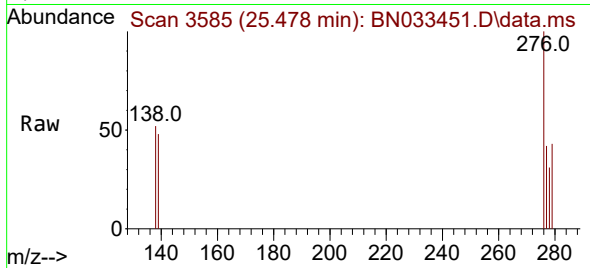
Tgt Ion:264 Resp: 18961
Ion Ratio Lower Upper
264 100
260 26.5 21.6 32.4
265 62.9 29.3 43.9





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng
RT: 25.478 min Scan# 3585
Delta R.T. -0.020 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

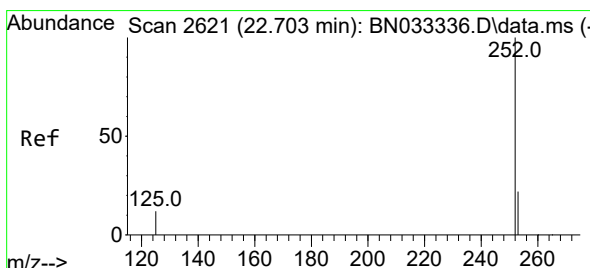
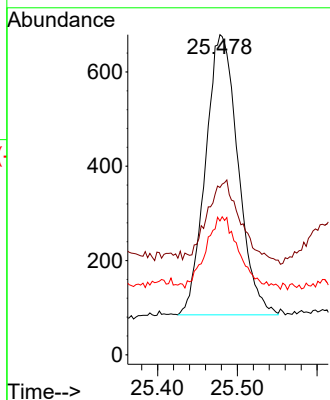
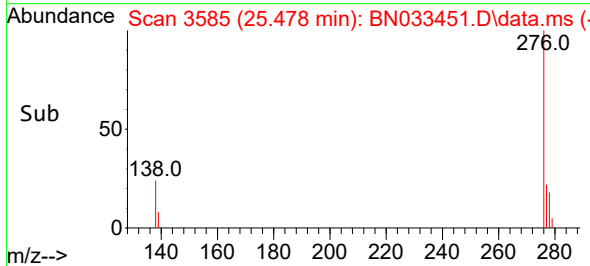
Instrument : BNA_N
ClientSampleId : 925-K1-SD-0.5-1-081224



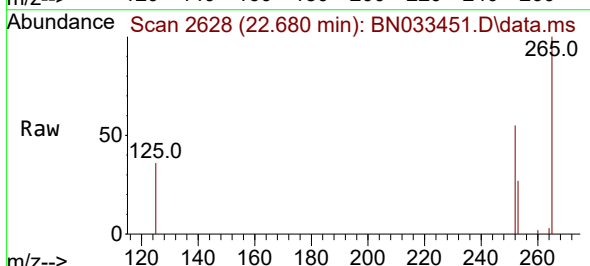
Tgt Ion: 276 Resp: 168
Ion Ratio Lower Upper
276 100
138 31.5 24.9 37.3
277 25.2 19.8 29.6

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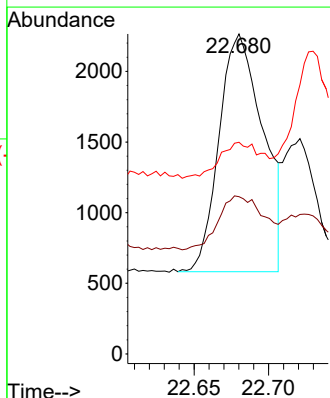
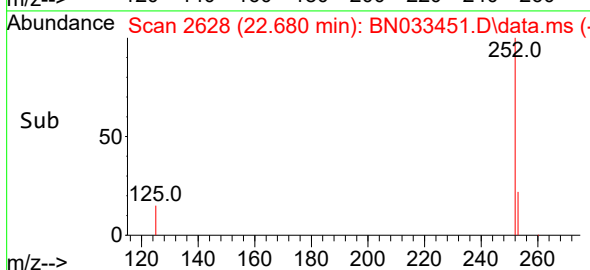
Reviewed By : Jagrut Upadhyay 08/19/2024
Supervised By : mohammad ahmed 08/21/2024

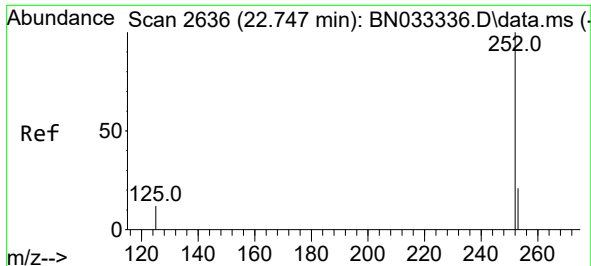


#37
Benzo(b)fluoranthene
Concen: 0.048 ng
RT: 22.680 min Scan# 2628
Delta R.T. -0.006 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14



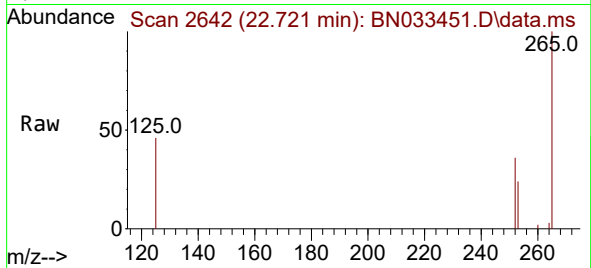
Tgt Ion: 252 Resp: 3452
Ion Ratio Lower Upper
252 100
253 49.1 18.2 27.2#
125 66.1 11.3 16.9#





#38
Benzo(k)fluoranthene
Concen: 0.021 ng m
RT: 22.721 min Scan# 2642
Delta R.T. -0.009 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14

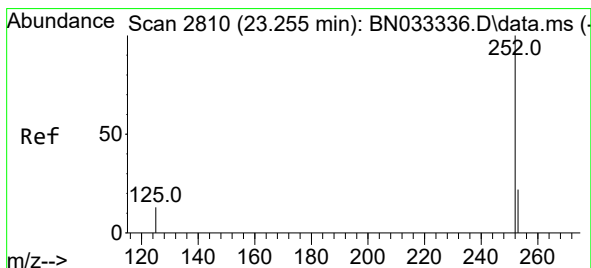
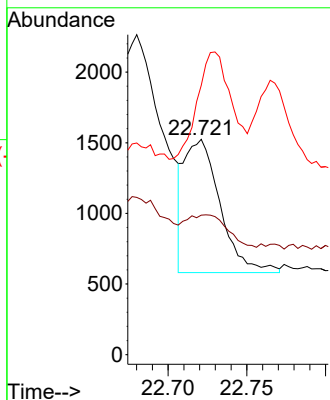
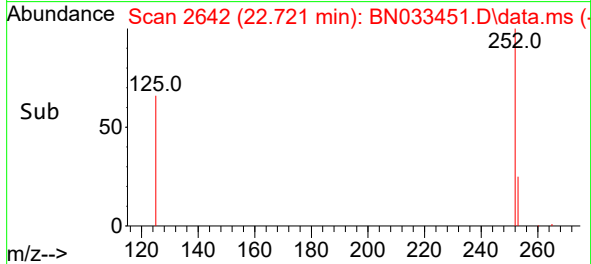
Instrument :
BNA_N
ClientSampleId :
925-K1-SD-0.5-1-081224



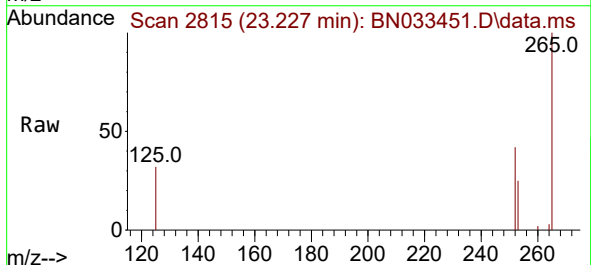
Tgt Ion:252 Resp: 1498
Ion Ratio Lower Upper
252 100
253 64.8 17.9 26.9#
125 125.1 11.3 16.9#

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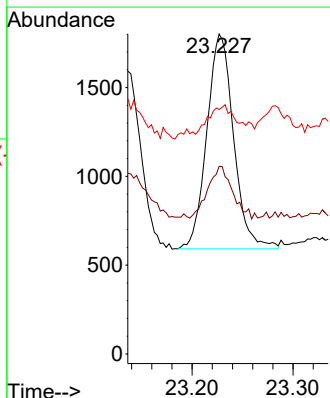
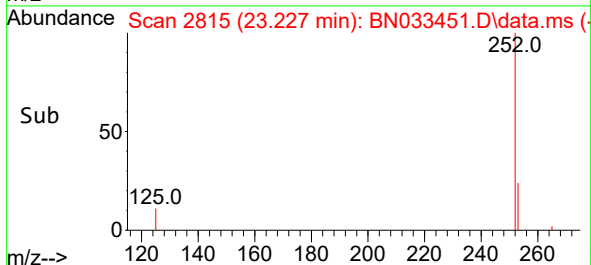
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024

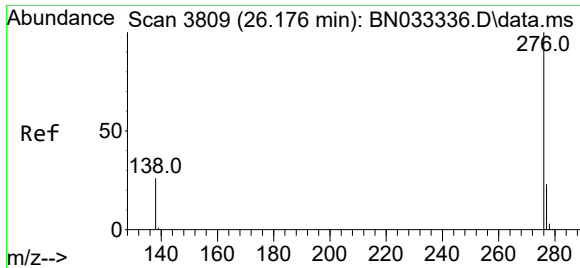


#39
Benzo(a)pyrene
Concen: 0.037 ng
RT: 23.227 min Scan# 2815
Delta R.T. -0.012 min
Lab File: BN033451.D
Acq: 17 Aug 2024 04:14



Tgt Ion:252 Resp: 2232
Ion Ratio Lower Upper
252 100
253 58.7 18.6 28.0#
125 76.4 12.6 19.0#





#41

Benzo(g,h,i)perylene

Concen: 0.026 ng

RT: 26.130 min Scan# 3808

Delta R.T. -0.020 min

Lab File: BN033451.D

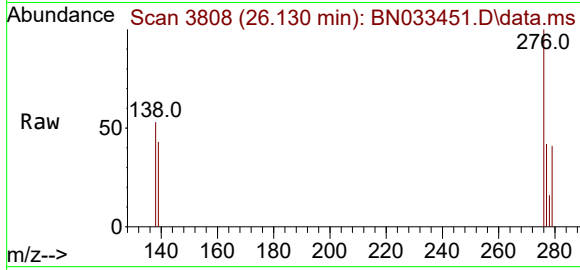
Acq: 17 Aug 2024 04:14

Instrument :

BNA_N

ClientSampleId :

925-K1-SD-0.5-1-081224



Tgt Ion: 276 Resp: 175

Ion Ratio Lower Upper

276 100

277 41.6 19.4 29.2

138 52.8 21.6 32.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2024

Supervised By :mohammad ahmed 08/21/2024

