

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
 Data File : BN033327.D
 Acq On : 09 Aug 2024 21:21
 Operator : MA/JU
 Sample : P3512-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 931-K1-SD-0-0.5-080724-FD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/12/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 10 01:10:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 08 04:39:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	4750	0.400	ng	0.00
7) Naphthalene-d8	10.349	136	13594	0.400	ng	# 0.00
13) Acenaphthene-d10	14.212	164	7620	0.400	ng	0.00
19) Phenanthrene-d10	16.958	188	18205	0.400	ng	#-0.01
29) Chrysene-d12	21.175	240	16552	0.400	ng	# 0.00
35) Perylene-d12	23.352	264	19235	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.204	112	2488	0.199	ng	0.00
5) Phenol-d6	6.757	99	3448	0.202	ng	0.00
8) Nitrobenzene-d5	8.715	82	1829	0.221	ng	0.00
11) 2-Methylnaphthalene-d10	11.947	152	3221	0.152	ng	0.00
14) 2,4,6-Tribromophenol	15.705	330	450	0.146	ng	-0.01
15) 2-Fluorobiphenyl	12.844	172	4826	0.168	ng	0.00
27) Fluoranthene-d10	19.007	212	6638	0.133	ng	0.00
31) Terphenyl-d14	19.625	244	3956	0.139	ng	0.00
Target Compounds						
						Qvalue
25) Phenanthrene	17.008	178	2958	0.056	ng	99
28) Fluoranthene	19.035	202	7026	0.106	ng	99
30) Pyrene	19.397	202	5654	0.087	ng	98
32) Benzo(a)anthracene	21.157	228	2045m	0.032	ng	
33) Chrysene	21.201	228	3816	0.061	ng	93
34) Bis(2-ethylhexyl)phtha...	21.130	149	995	0.030	ng	# 89
36) Indeno(1,2,3-cd)pyrene	25.530	276	2714	0.032	ng	94
37) Benzo(b)fluoranthene	22.709	252	5959	0.083	ng	# 78
38) Benzo(k)fluoranthene	22.747	252	2360m	0.034	ng	
39) Benzo(a)pyrene	23.258	252	2877	0.045	ng	# 66
41) Benzo(g,h,i)perylene	26.188	276	3069	0.042	ng	# 82

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

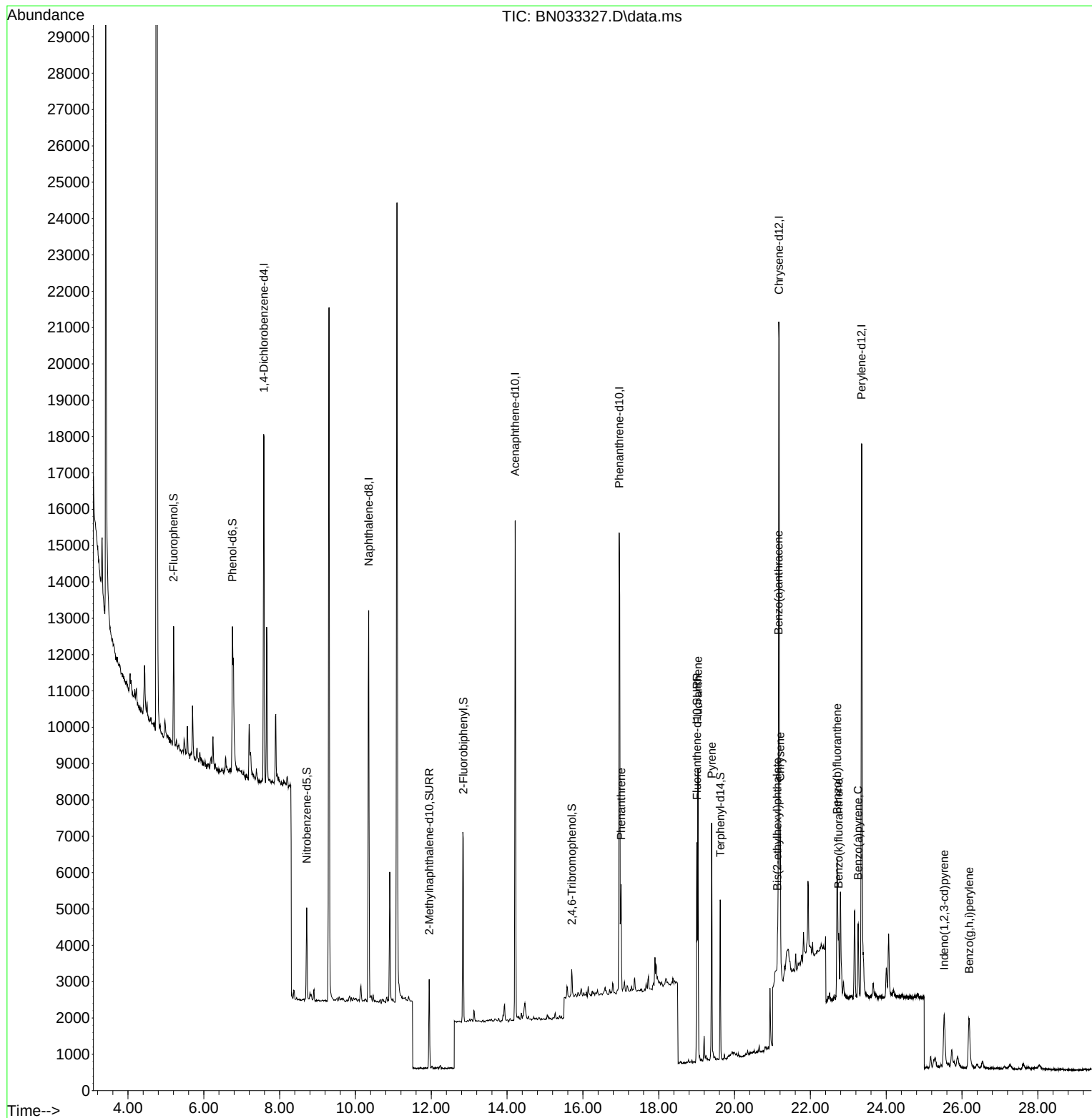
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
Data File : BN033327.D
Acq On : 09 Aug 2024 21:21
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ALS Vial : 7 Sample Multiplier: 1

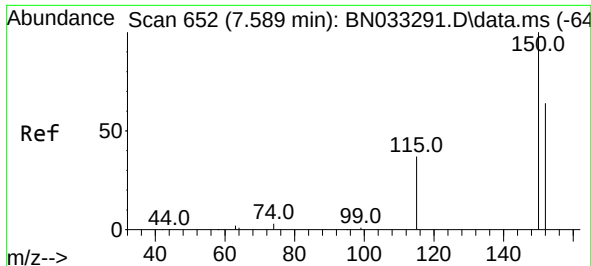
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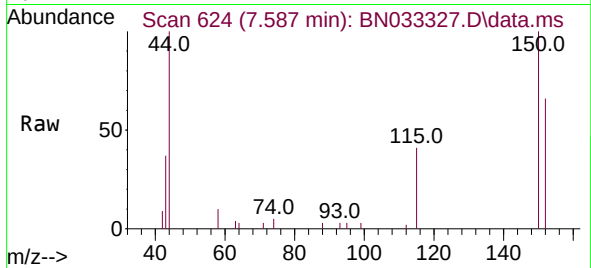
Quant Time: Aug 10 01:10:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:01 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.587 min Scan# 61
Delta R.T. -0.002 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

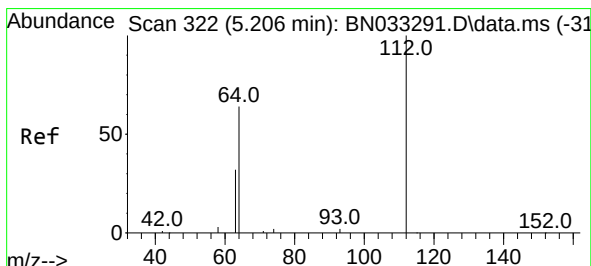
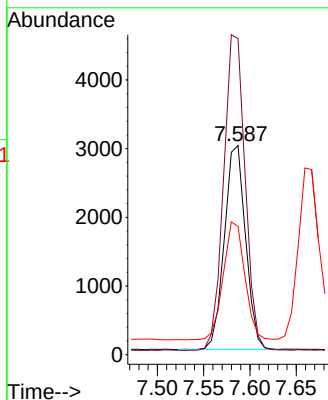
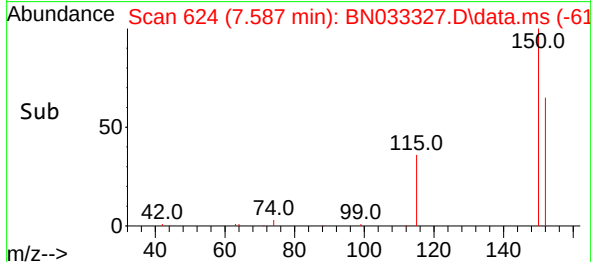
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724-FD



Tgt Ion:152 Resp: 4750
Ion Ratio Lower Upper
152 100
150 151.2 120.7 181.1
115 61.3 55.8 83.8

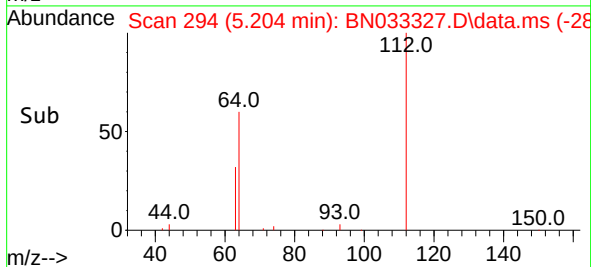
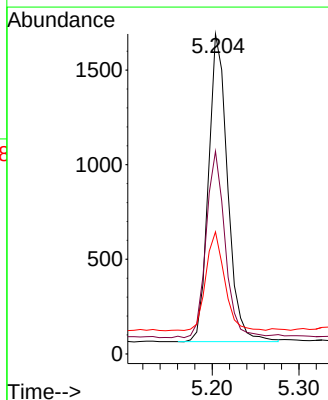
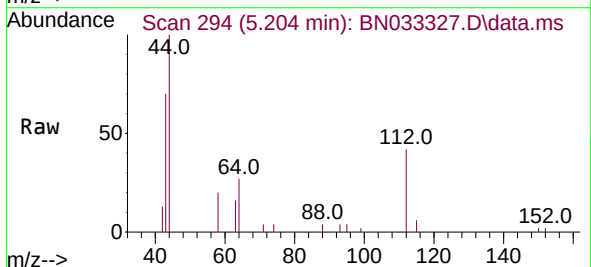
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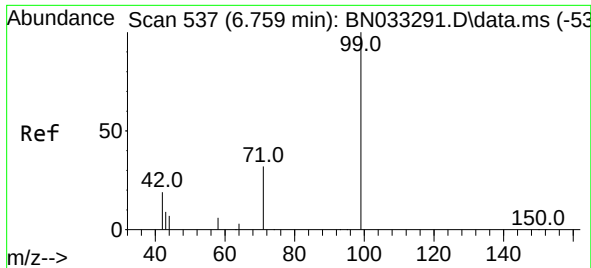
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#4
2-Fluorophenol
Concen: 0.199 ng
RT: 5.204 min Scan# 294
Delta R.T. -0.002 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

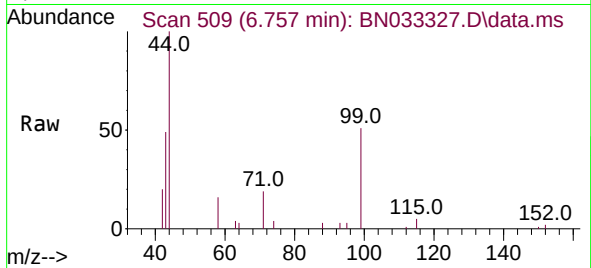
Tgt Ion:112 Resp: 2488
Ion Ratio Lower Upper
112 100
64 60.3 48.7 73.1
63 31.8 25.4 38.2





#5
Phenol-d6
Concen: 0.202 ng
RT: 6.757 min Scan# 509
Delta R.T. -0.002 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

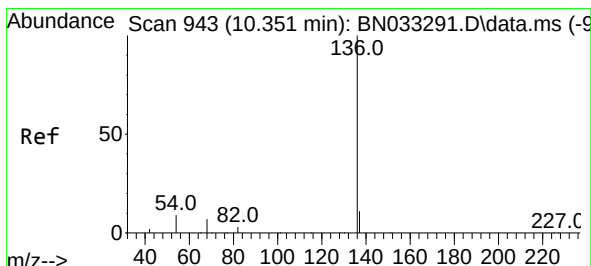
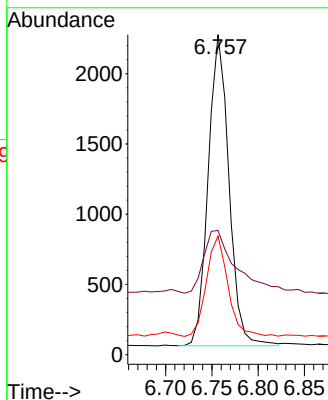
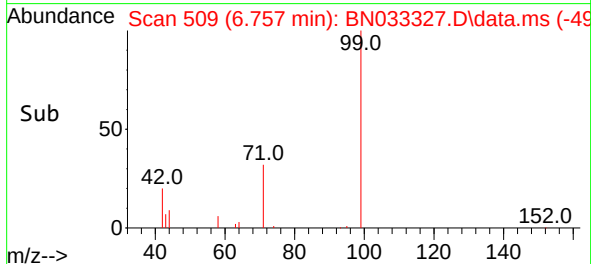
Instrument :
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931-K1-SD-0-0.5-080724-FD



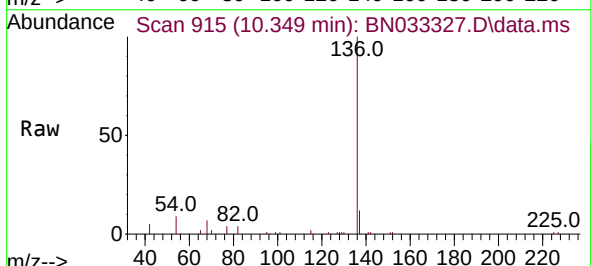
Tgt Ion: 99 Resp: 3448
Ion Ratio Lower Upper
99 100
42 31.2 19.3 28.9#
71 33.6 27.6 41.4#

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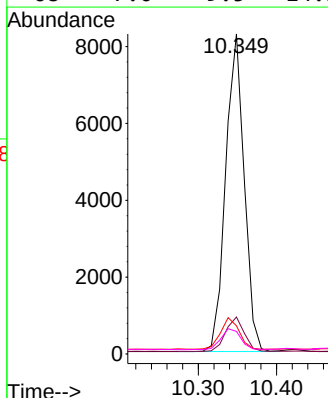
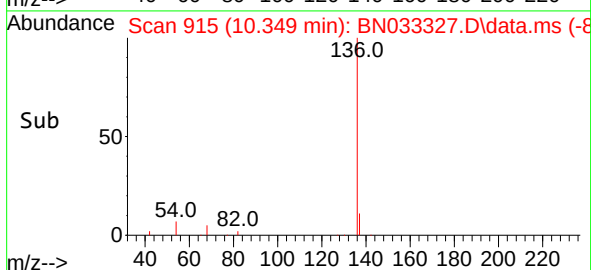
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

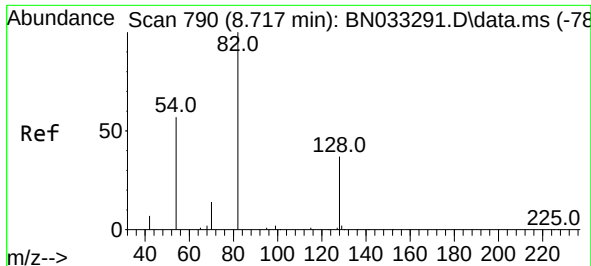


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.349 min Scan# 915
Delta R.T. -0.002 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21



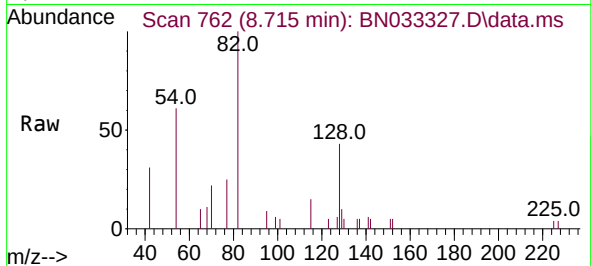
Tgt Ion:136 Resp: 13594
Ion Ratio Lower Upper
136 100
137 11.6 9.9 14.9
54 8.8 11.4 17.2#
68 7.0 9.5 14.3#





#8
Nitrobenzene-d5
Concen: 0.221 ng
RT: 8.715 min Scan# 70
Delta R.T. -0.002 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

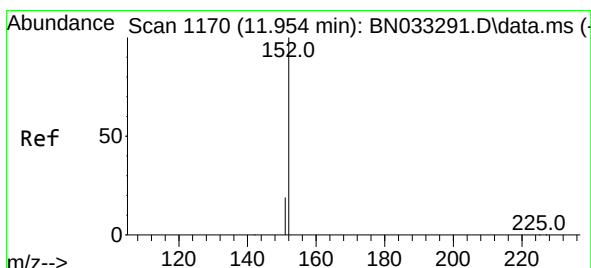
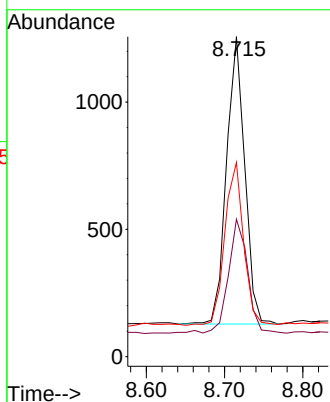
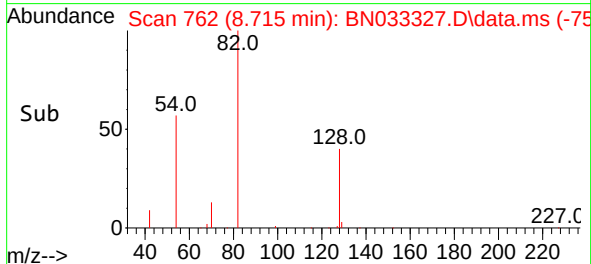
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724-FD



Tgt Ion: 82 Resp: 1829
Ion Ratio Lower Upper
82 100
128 43.0 29.4 44.2
54 60.7 50.0 75.0

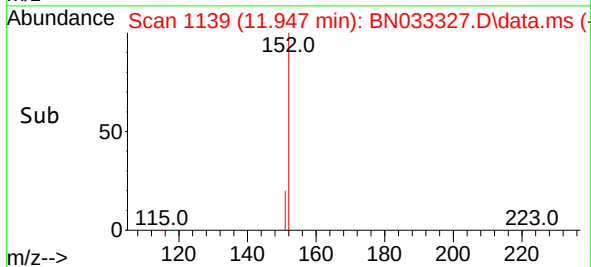
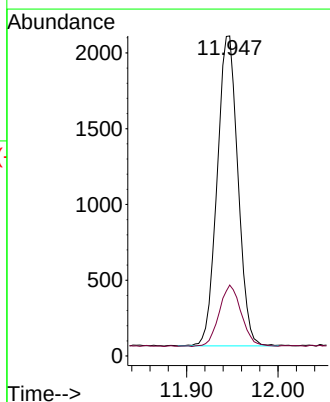
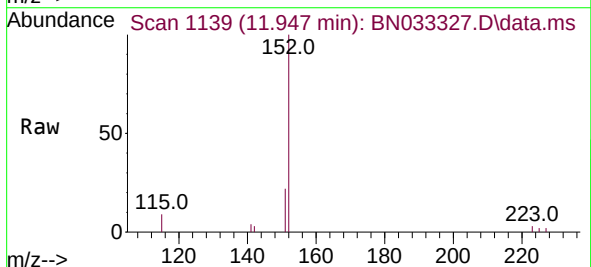
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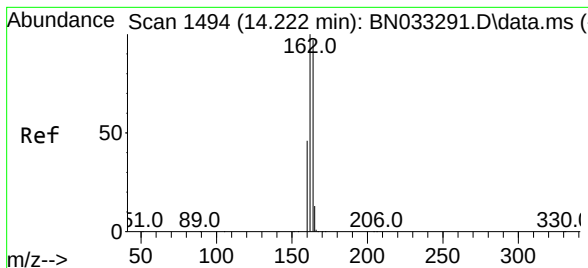
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#11
2-Methylnaphthalene-d10
Concen: 0.152 ng
RT: 11.947 min Scan# 1139
Delta R.T. -0.007 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

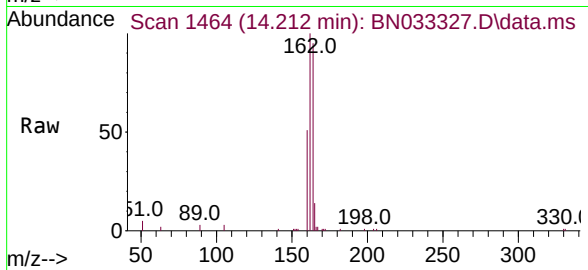
Tgt Ion:152 Resp: 3221
Ion Ratio Lower Upper
152 100
151 21.2 16.7 25.1





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.212 min Scan# 14
Delta R.T. -0.010 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

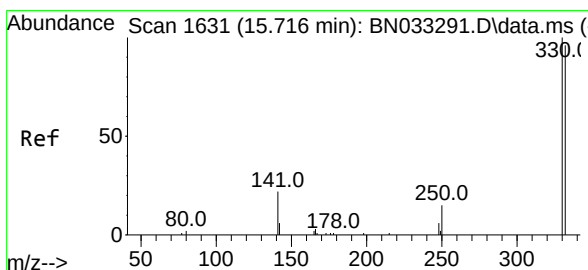
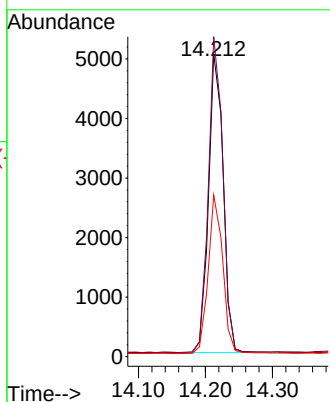
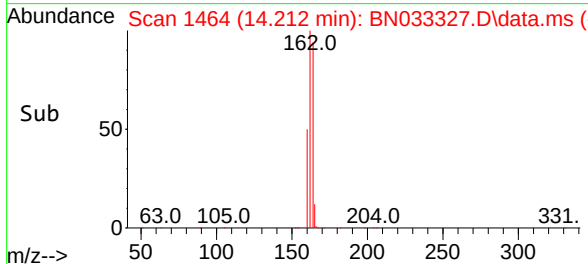
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724-FD



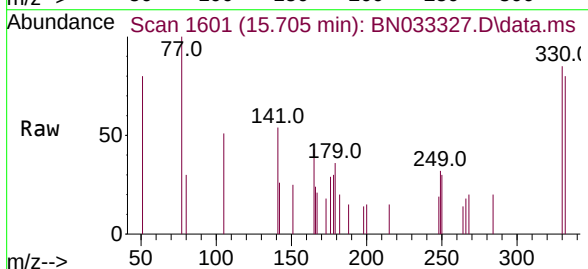
Tgt Ion:164 Resp: 7620
Ion Ratio Lower Upper
164 100
162 105.7 82.6 124.0
160 53.4 38.2 57.4

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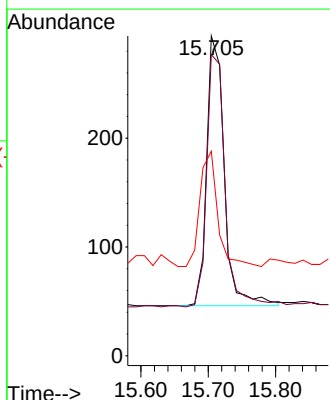
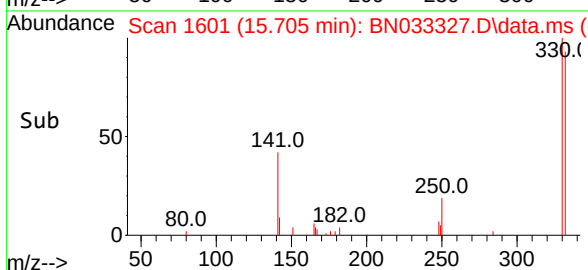
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

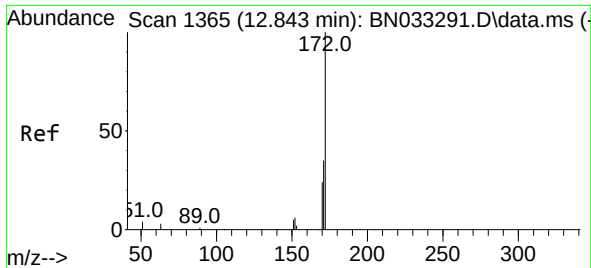


#14
2,4,6-Tribromophenol
Concen: 0.146 ng
RT: 15.705 min Scan# 1601
Delta R.T. -0.011 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21



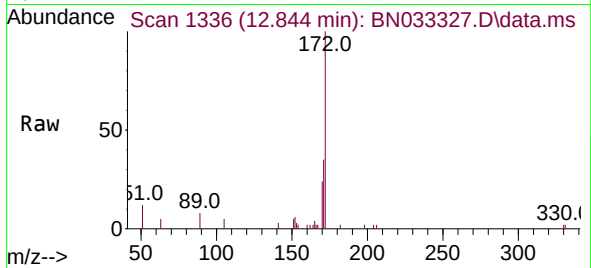
Tgt Ion:330 Resp: 450
Ion Ratio Lower Upper
330 100
332 97.6 75.6 113.4
141 43.1 31.0 46.4





#15
2-Fluorobiphenyl
Concen: 0.168 ng
RT: 12.844 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

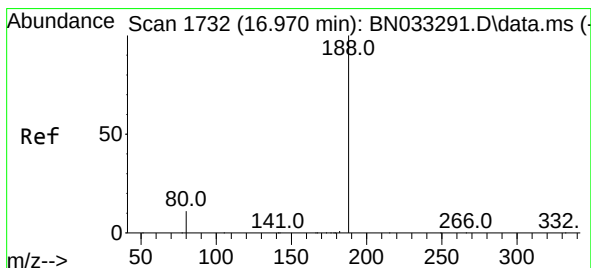
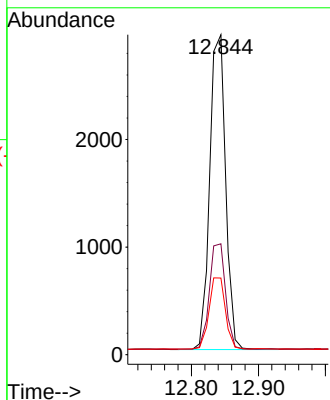
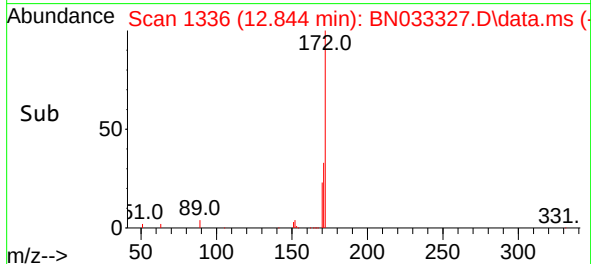
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931-K1-SD-0-0.5-080724-FD



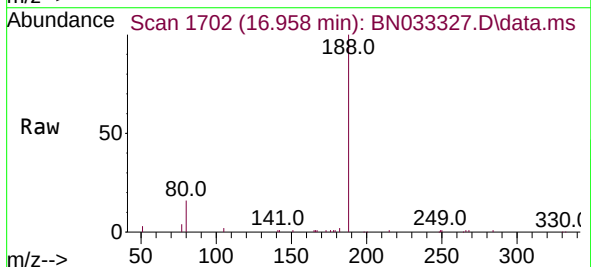
Tgt Ion:172 Resp: 4820
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.9 19.4 29.2

Manual Integrations
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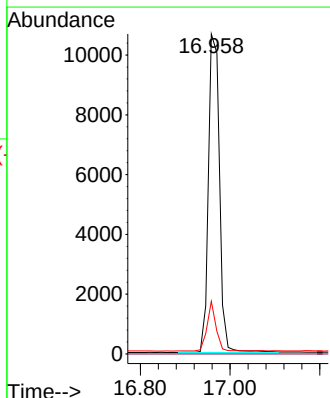
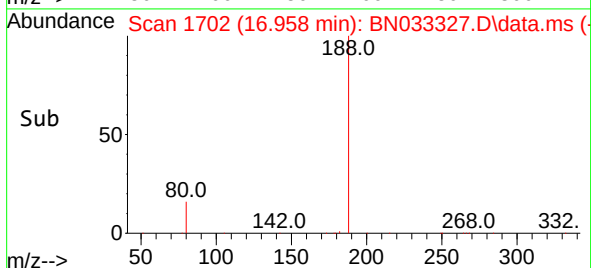
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

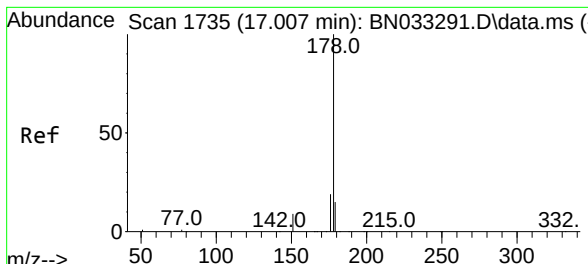


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.958 min Scan# 1702
Delta R.T. -0.011 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21



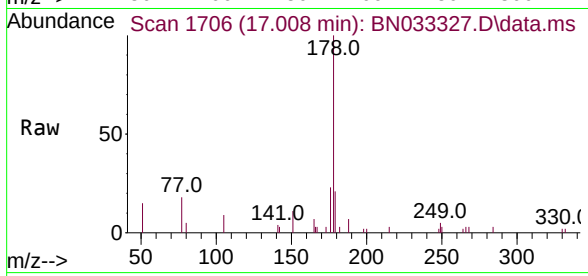
Tgt Ion:188 Resp: 18205
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.5 10.5 15.7#





#25
 Phenanthrene
 Concen: 0.056 ng
 RT: 17.008 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BN033327.D
 Acq: 09 Aug 2024 21:21

Instrument :
 BNA_N
 ClientSampleId :
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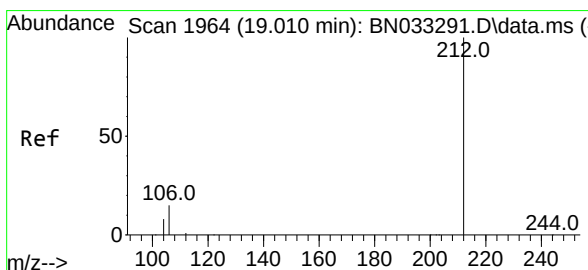
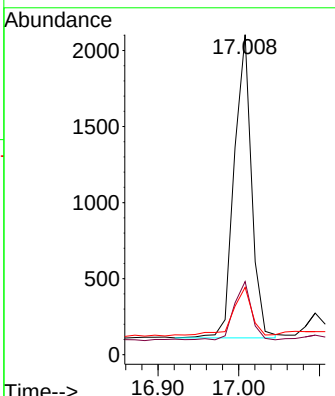
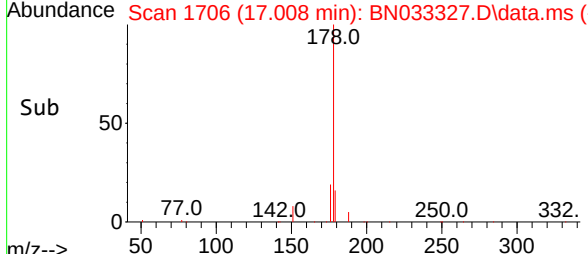


Tgt Ion: 178 Resp: 2958

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	16.1	12.0	18.0

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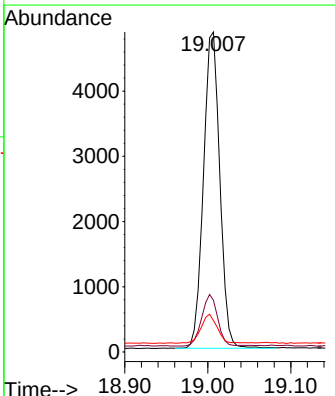
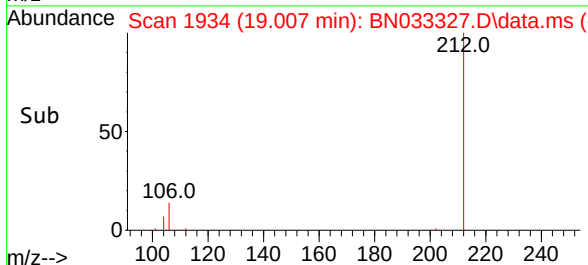
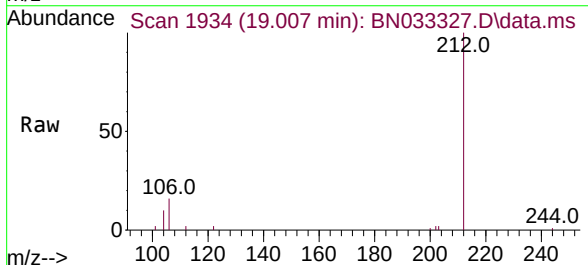
Reviewed By :Yogesh Patel 08/12/2024
 Supervised By :mohammad ahmed 08/12/2024

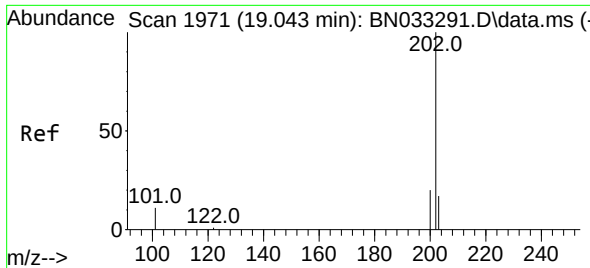


#27
 Fluoranthene-d10
 Concen: 0.133 ng
 RT: 19.007 min Scan# 1934
 Delta R.T. -0.004 min
 Lab File: BN033327.D
 Acq: 09 Aug 2024 21:21

Tgt Ion: 212 Resp: 6638

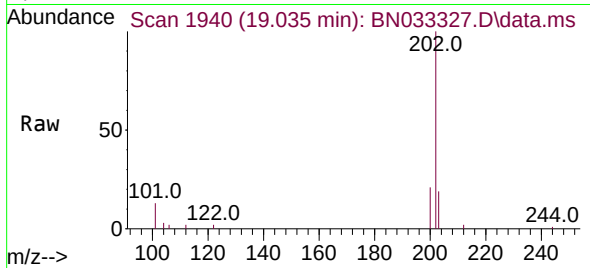
Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.2	18.4
104	8.9	6.9	10.3





#28
Fluoranthene
Concen: 0.106 ng
RT: 19.035 min Scan# 1971
Delta R.T. -0.008 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

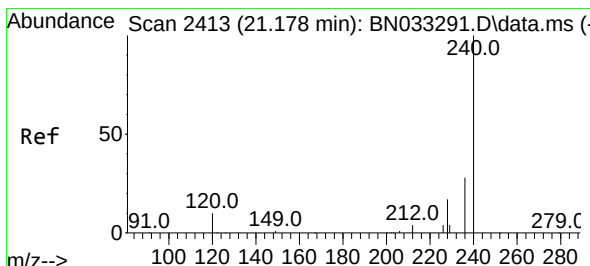
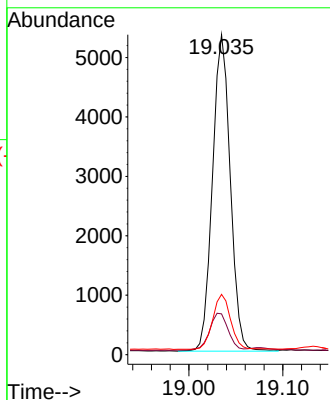
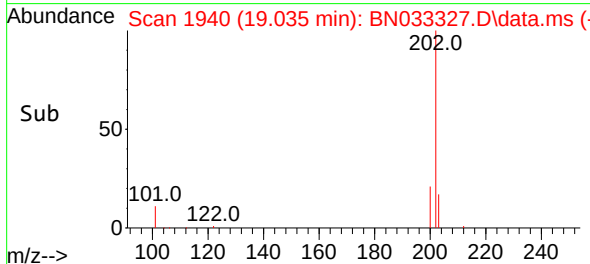
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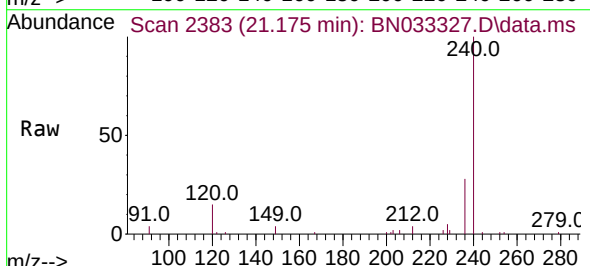
Tgt Ion:202 Resp: 7020
Ion Ratio Lower Upper
202 100
101 12.4 9.4 14.0
203 17.5 13.8 20.6

Manual Integrations
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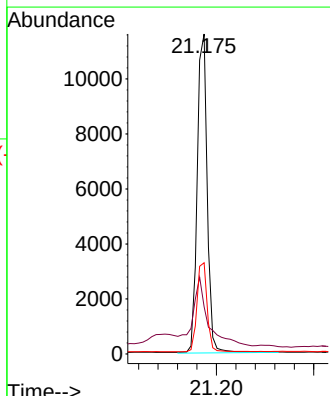
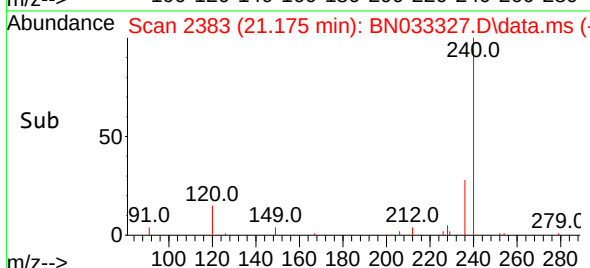
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

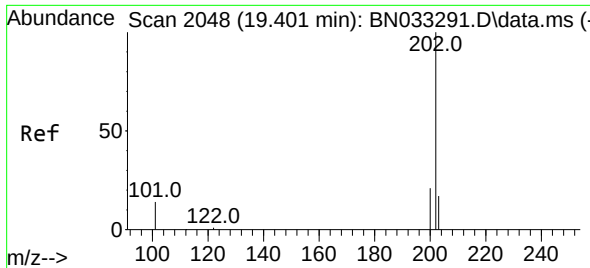


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.175 min Scan# 2383
Delta R.T. -0.004 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21



Tgt Ion:240 Resp: 16552
Ion Ratio Lower Upper
240 100
120 14.7 9.0 13.6#
236 28.5 22.4 33.6





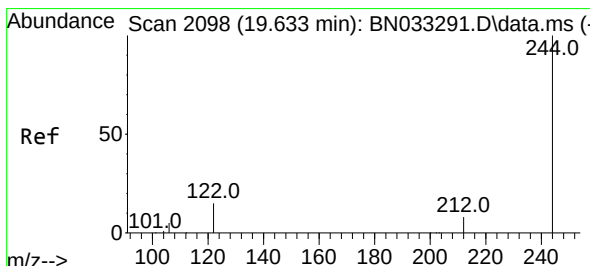
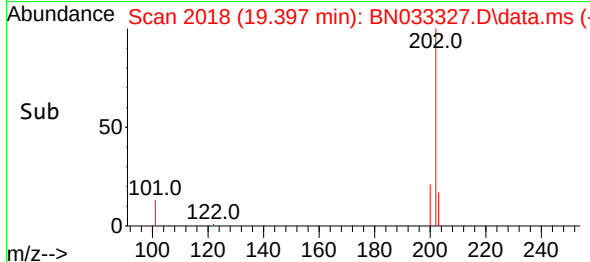
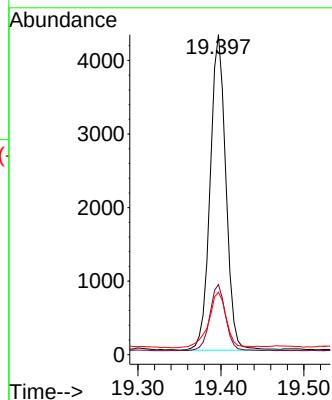
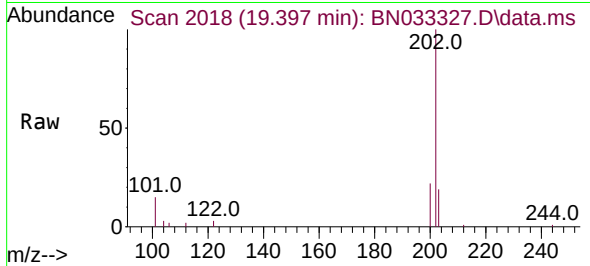
#30
Pyrene
Concen: 0.087 ng
RT: 19.397 min Scan# 2048
Delta R.T. -0.004 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724-FD

Tgt Ion:202 Resp: 5654
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 20.0 14.2 21.4

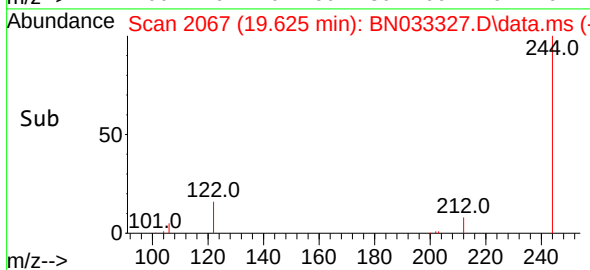
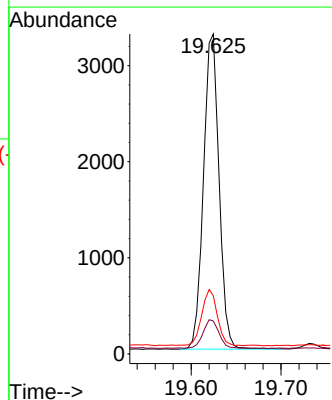
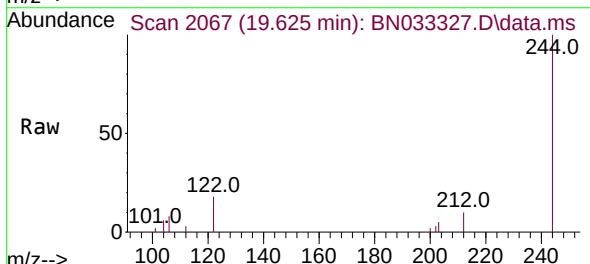
Manual Integrations
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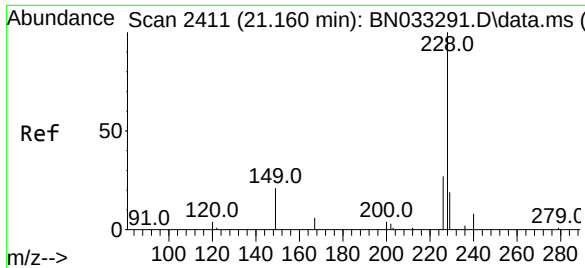
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#31
Terphenyl-d14
Concen: 0.139 ng
RT: 19.625 min Scan# 2067
Delta R.T. -0.008 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

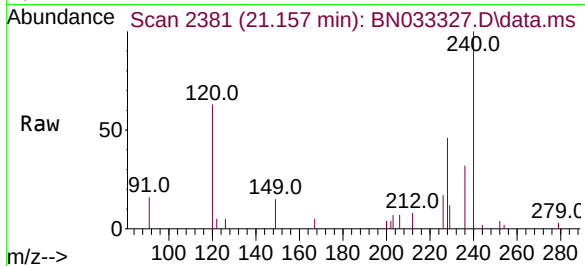
Tgt Ion:244 Resp: 3956
Ion Ratio Lower Upper
244 100
212 10.3 7.2 10.8
122 18.2 12.7 19.1





#32
Benzo(a)anthracene
Concen: 0.032 ng m
RT: 21.157 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

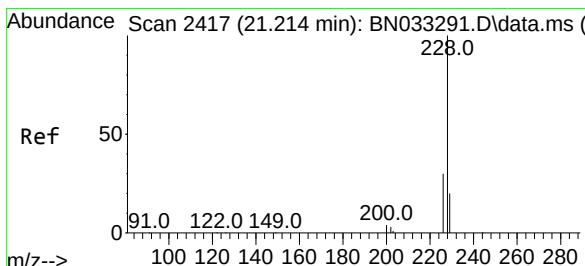
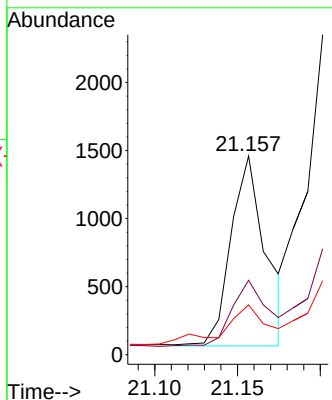
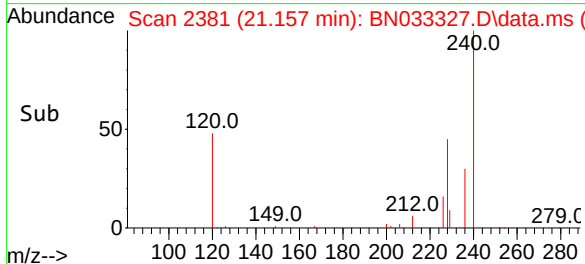
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724-FD



Tgt Ion:228 Resp: 2045
Ion Ratio Lower Upper
228 100
226 37.4 22.1 33.1
229 25.1 15.6 23.4

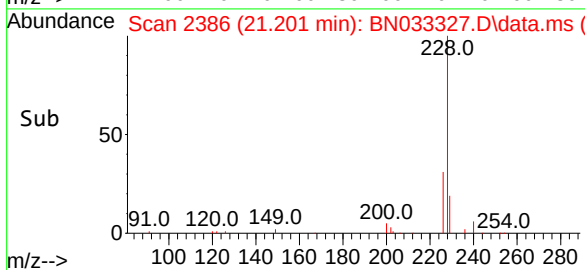
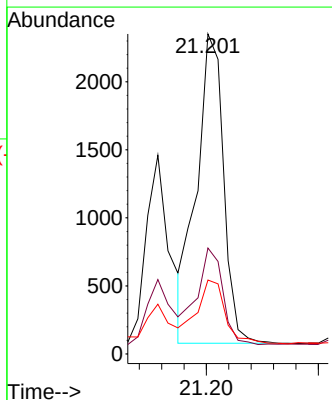
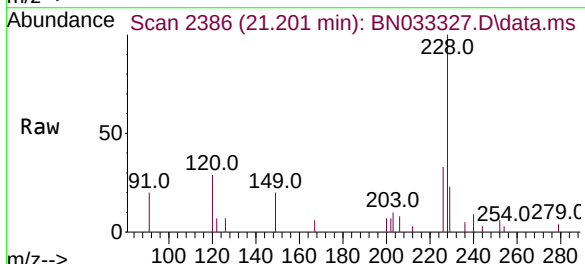
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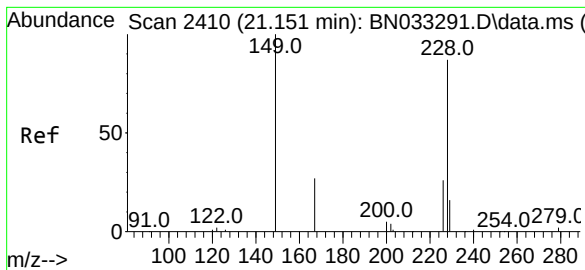
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#33
Chrysene
Concen: 0.061 ng
RT: 21.201 min Scan# 2386
Delta R.T. -0.013 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

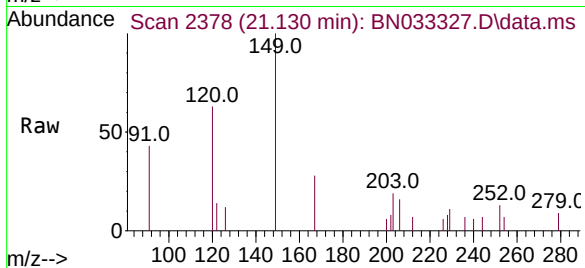
Tgt Ion:228 Resp: 3816
Ion Ratio Lower Upper
228 100
226 33.1 23.8 35.8
229 23.1 15.8 23.8





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.030 ng
RT: 21.130 min Scan# 2110
Delta R.T. -0.022 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

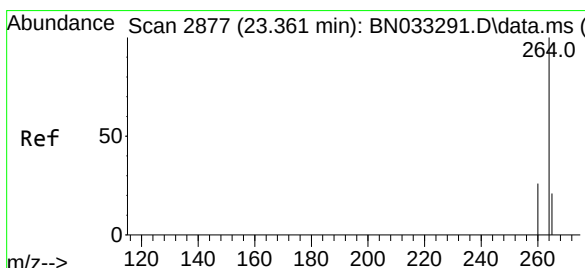
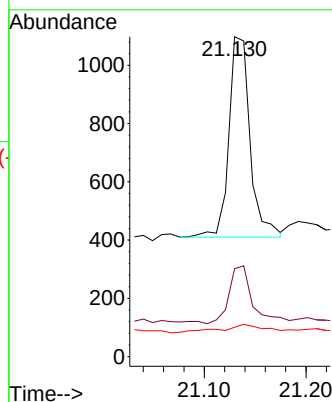
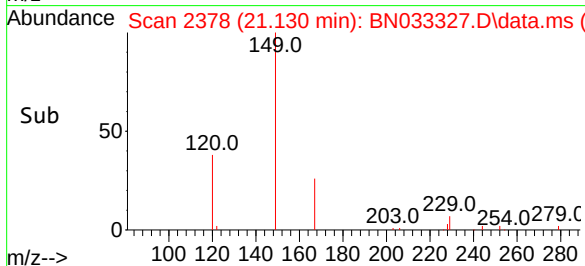
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724-FD



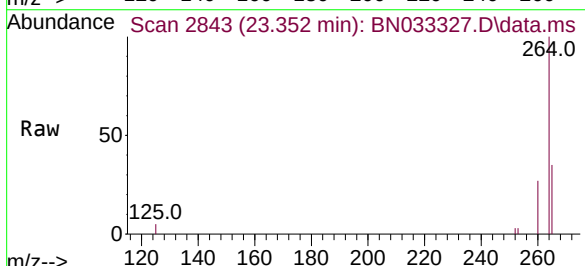
Tgt Ion:149 Resp: 99
Ion Ratio Lower Upper
149 100
167 32.2 21.6 32.4
279 9.4 2.6 4.0

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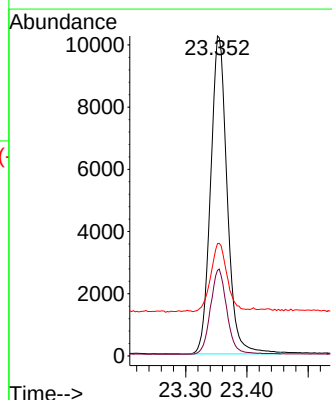
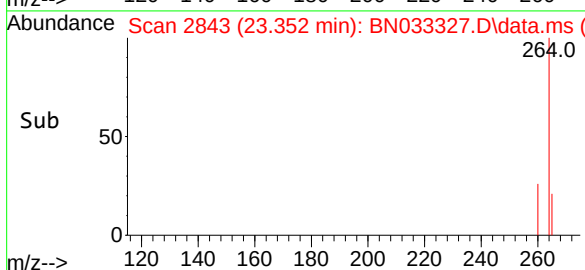
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

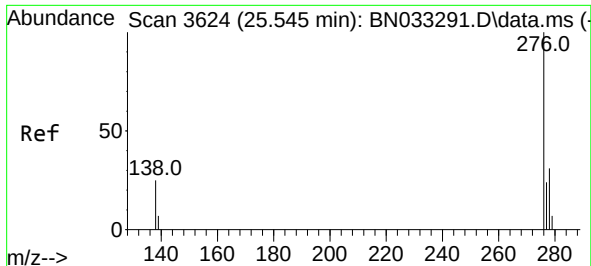


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.352 min Scan# 2843
Delta R.T. -0.009 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21



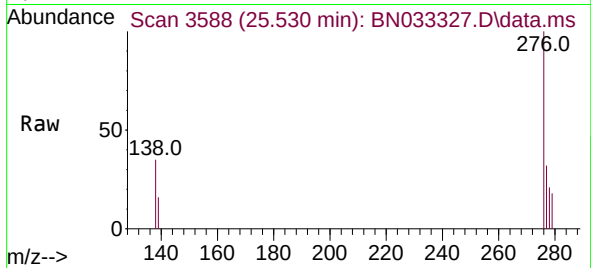
Tgt Ion:264 Resp: 19235
Ion Ratio Lower Upper
264 100
260 26.7 21.4 32.0
265 35.1 22.4 33.6





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.032 ng
RT: 25.530 min Scan# 31
Delta R.T. -0.015 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

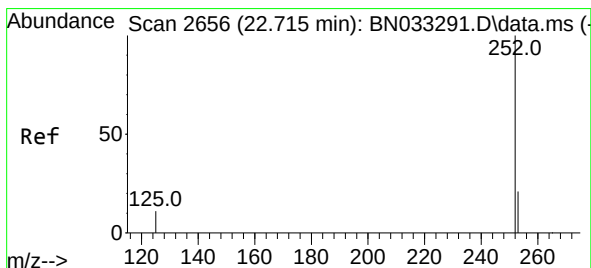
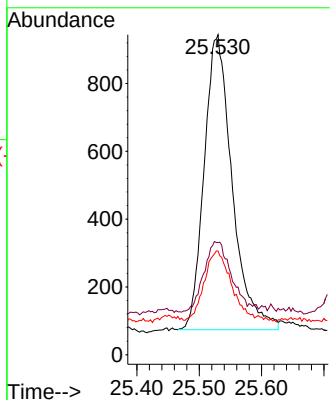
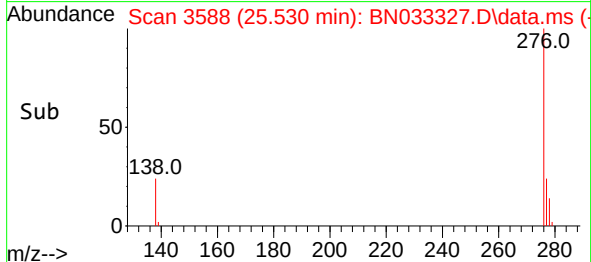
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724-FD



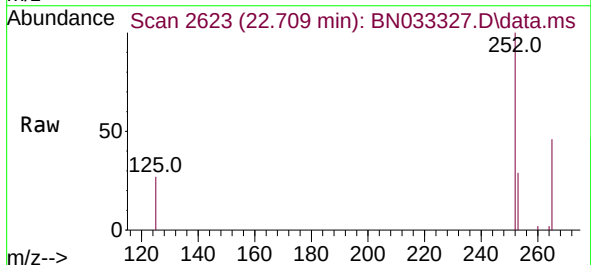
Tgt Ion: 276 Resp: 2714
Ion Ratio Lower Upper
276 100
138 24.4 22.7 34.1
277 22.6 19.8 29.8

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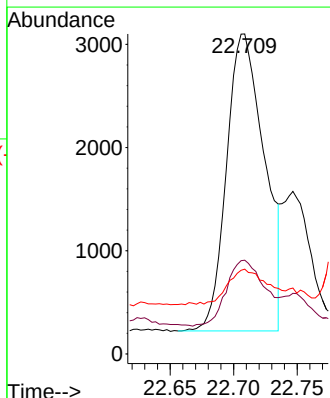
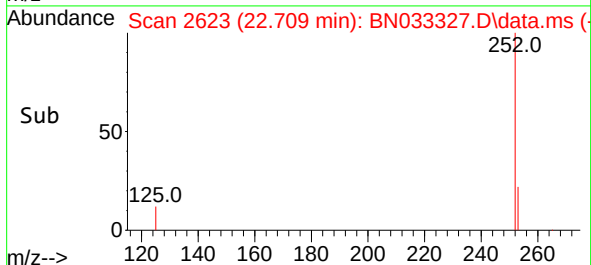
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

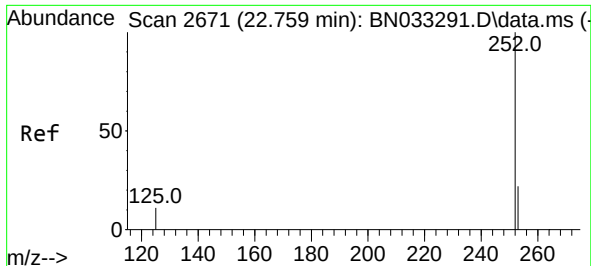


#37
Benzo(b)fluoranthene
Concen: 0.083 ng
RT: 22.709 min Scan# 2623
Delta R.T. -0.006 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21



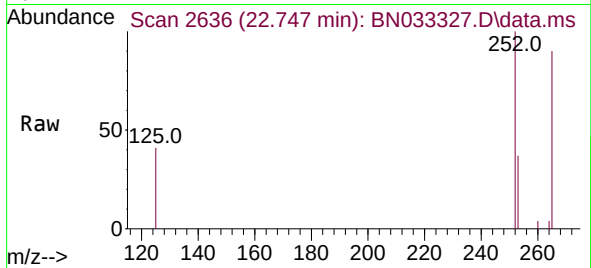
Tgt Ion: 252 Resp: 5959
Ion Ratio Lower Upper
252 100
253 29.3 17.8 26.6#
125 26.5 10.0 15.0#





#38
Benzo(k)fluoranthene
Concen: 0.034 ng m
RT: 22.747 min Scan# 20
Delta R.T. -0.012 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

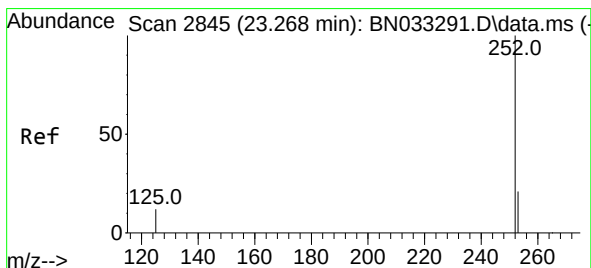
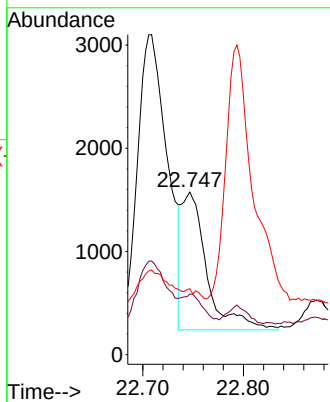
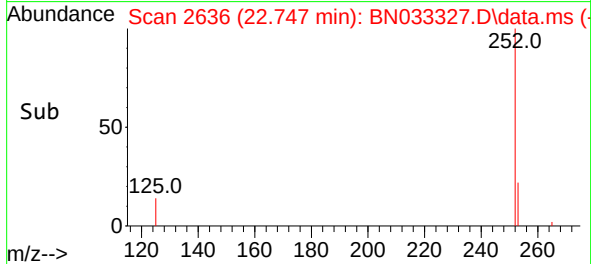
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724-FD



Tgt Ion:252 Resp: 2360
Ion Ratio Lower Upper
252 100
253 37.3 18.3 27.5#
125 40.5 10.2 15.4#

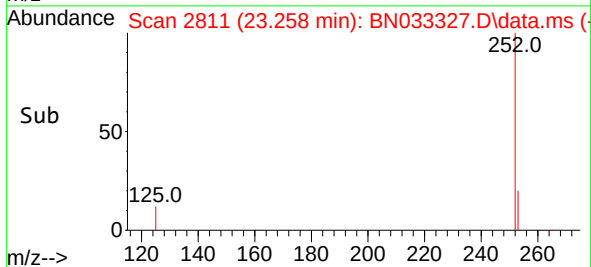
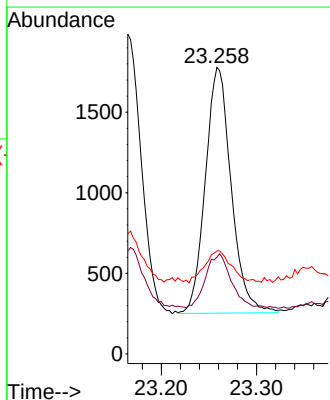
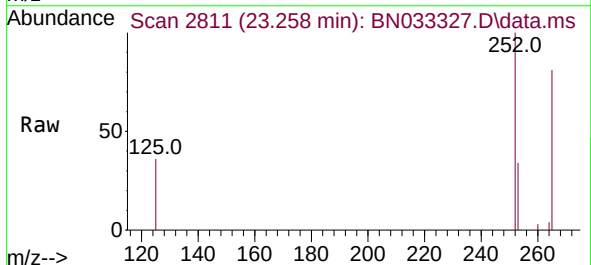
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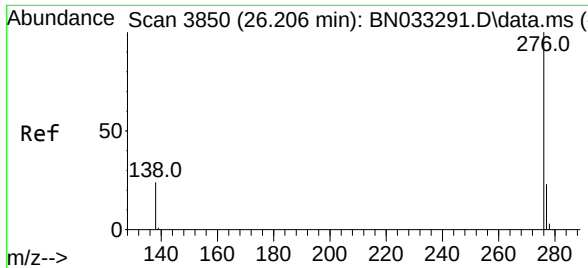
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#39
Benzo(a)pyrene
Concen: 0.045 ng
RT: 23.258 min Scan# 2811
Delta R.T. -0.009 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

Tgt Ion:252 Resp: 2877
Ion Ratio Lower Upper
252 100
253 33.8 18.2 27.4#
125 35.9 11.4 17.2#





#41

Benzo(g,h,i)perylene

Concen: 0.042 ng

RT: 26.188 min Scan# 3813

Delta R.T. -0.018 min

Lab File: BN033327.D

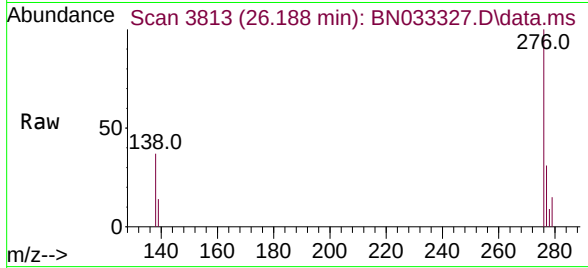
Acq: 09 Aug 2024 21:21

Instrument :

BNA_N

ClientSampleId :

931-K1-SD-0-0.5-080724-FD



Tgt Ion:276 Resp: 3069

Ion Ratio Lower Upper

276 100

277 30.6 19.0 28.4

138 36.9 20.8 31.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/12/2024

Supervised By :mohammad ahmed 08/12/2024

