

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033455.D
 Acq On : 17 Aug 2024 06:38
 Operator : MA/JU
 Sample : P3580-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 923-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 07:03:04 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	7317	0.400	ng	-0.01
7) Naphthalene-d8	10.325	136	20406	0.400	ng	#-0.01
13) Acenaphthene-d10	14.199	164	10404	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	21633	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	16949	0.400	ng	0.00
35) Perylene-d12	23.320	264	18049	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	5036	0.249	ng	0.00
5) Phenol-d6	6.743	99	6262	0.229	ng	0.00
8) Nitrobenzene-d5	8.691	82	4016	0.261	ng	-0.01
11) 2-Methylnaphthalene-d10	11.918	152	6485	0.207	ng	-0.01
14) 2,4,6-Tribromophenol	15.688	330	1001	0.188	ng	-0.01
15) 2-Fluorobiphenyl	12.820	172	9220	0.216	ng	0.00
27) Fluoranthene-d10	18.984	212	10708	0.185	ng	0.00
31) Terphenyl-d14	19.597	244	7000	0.219	ng	0.00
Target Compounds						Qvalue
12) 2-Methylnaphthalene	11.994	142	878	0.023	ng	# 81
25) Phenanthrene	16.979	178	3056	0.049	ng	# 91
28) Fluoranthene	19.012	202	5351	0.070	ng	# 80
30) Pyrene	19.379	202	6948	0.103	ng	# 1
32) Benzo(a)anthracene	21.130	228	1976	0.031	ng	# 90
33) Chrysene	21.184	228	3250m	0.051	ng	
34) Bis(2-ethylhexyl)phtha...	21.104	149	3039	0.106	ng	# 90
36) Indeno(1,2,3-cd)pyrene	25.475	276	1856	0.025	ng	96
37) Benzo(b)fluoranthene	22.674	252	3932	0.058	ng	# 18
38) Benzo(k)fluoranthene	22.715	252	1616m	0.023	ng	
39) Benzo(a)pyrene	23.224	252	2216	0.039	ng	# 1
41) Benzo(g,h,i)perylene	26.133	276	1998	0.031	ng	# 63

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

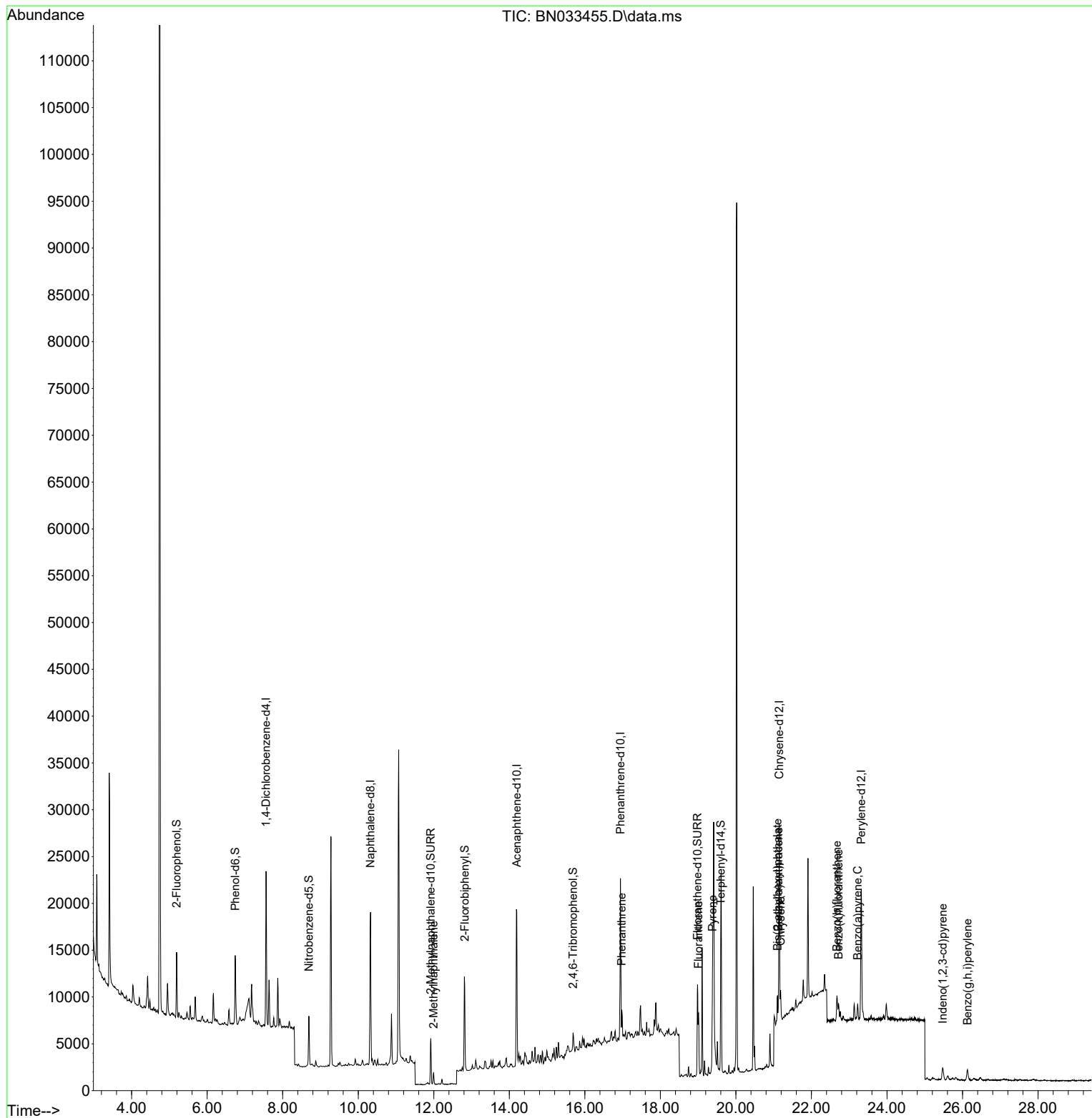
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
Data File : BN033455.D
Acq On : 17 Aug 2024 06:38
Operator : MA/JU
Sample : P3580-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

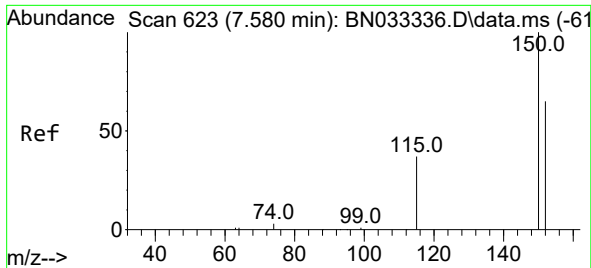
Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0.5-1-081224

Manual Integrations
APPROVED

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

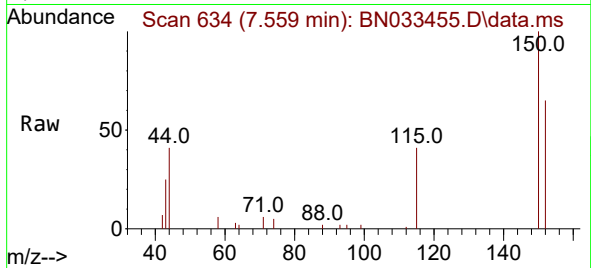
Quant Time: Aug 17 07:03:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.559 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38

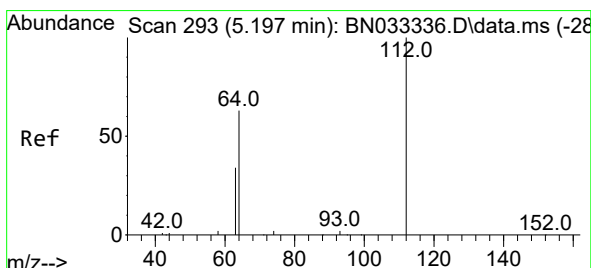
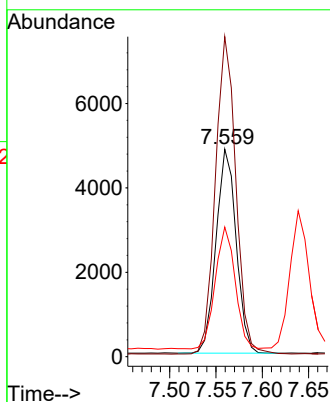
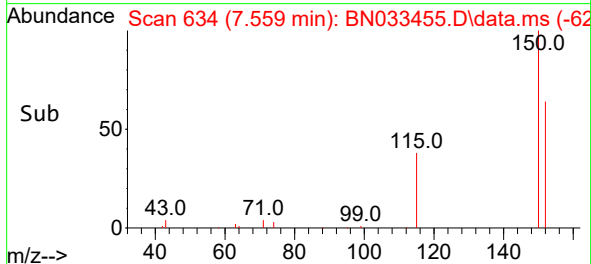
Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0.5-1-081224



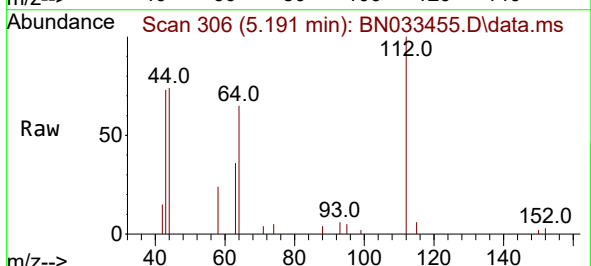
Tgt Ion:152 Resp: 731
Ion Ratio Lower Upper
152 100
150 154.2 122.3 183.5
115 62.5 48.8 73.2

Manual Integrations
APPROVED

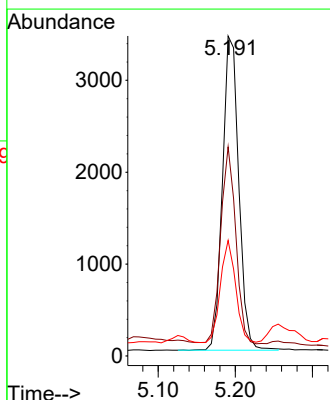
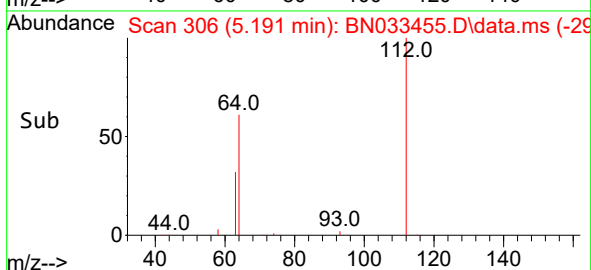
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024

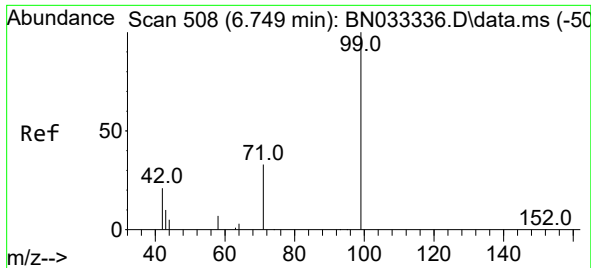


#4
2-Fluorophenol
Concen: 0.249 ng
RT: 5.191 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38



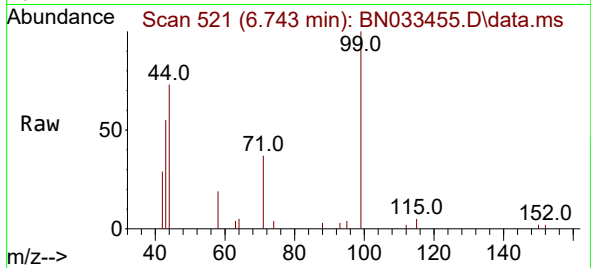
Tgt Ion:112 Resp: 5036
Ion Ratio Lower Upper
112 100
64 58.1 48.1 72.1
63 30.3 25.4 38.2





#5
Phenol-d6
Concen: 0.229 ng
RT: 6.743 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38

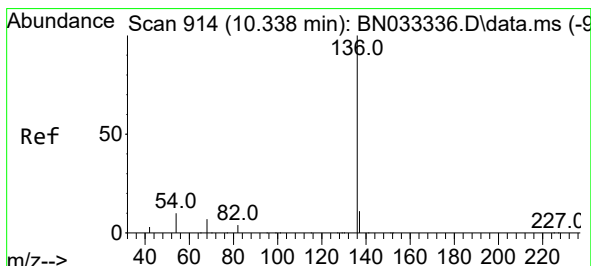
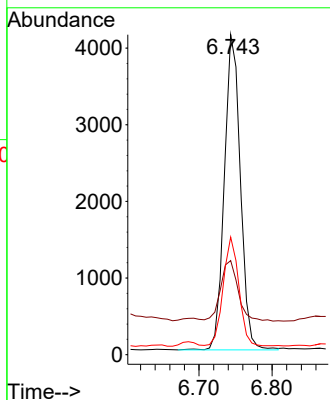
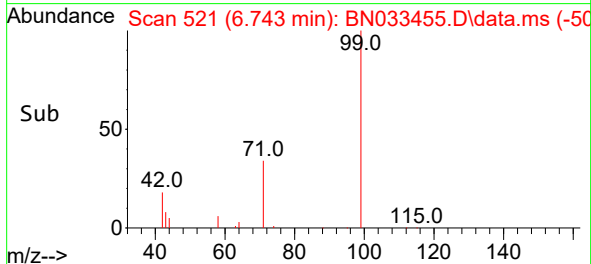
Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0.5-1-081224



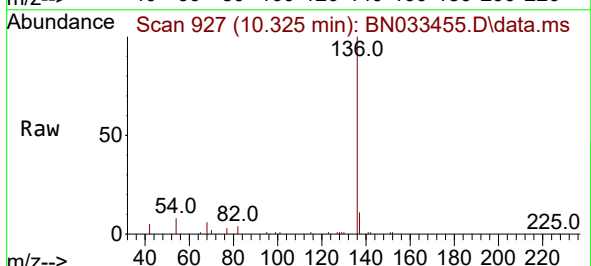
Tgt Ion: 99 Resp: 626
Ion Ratio Lower Upper
99 100
42 20.9 18.5 27.7
71 33.7 26.2 39.2

Manual Integrations
APPROVED

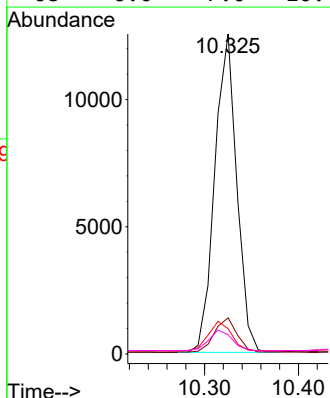
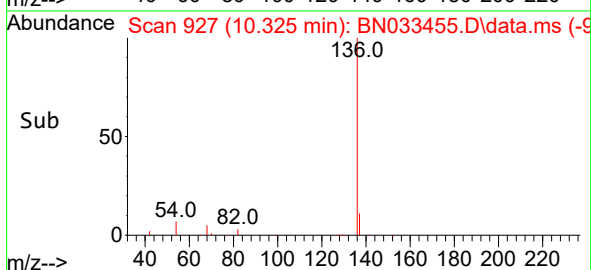
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024

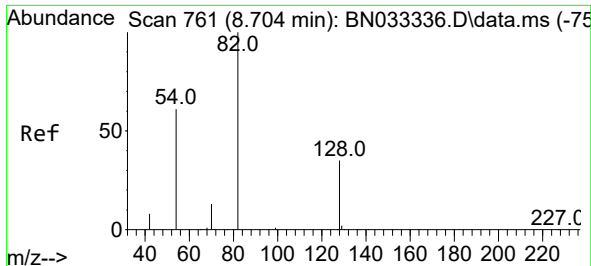


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 927
Delta R.T. -0.011 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38



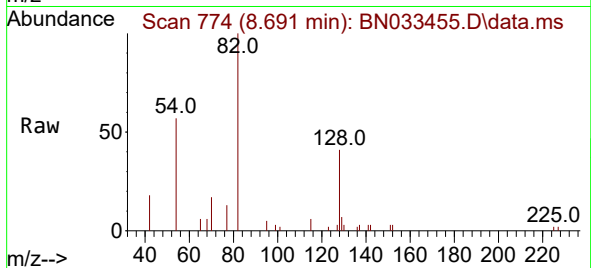
Tgt Ion:136 Resp: 20406
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.9 9.4 14.0#
68 6.0 7.0 10.4#





#8
Nitrobenzene-d5
Concen: 0.261 ng
RT: 8.691 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38

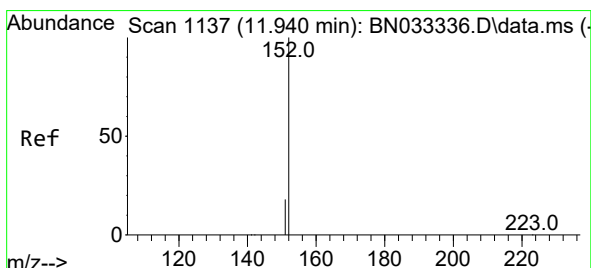
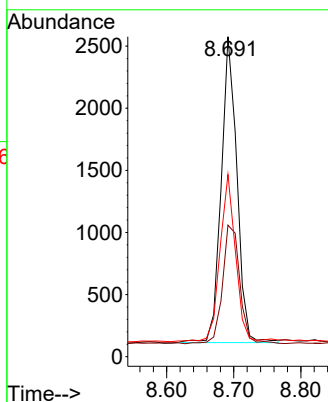
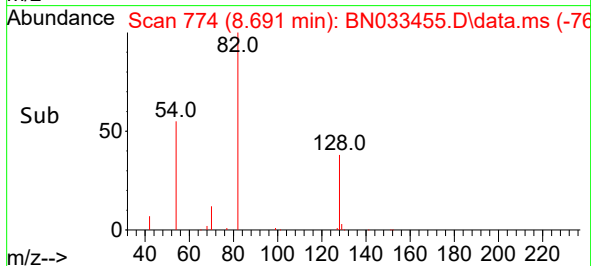
Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0.5-1-081224



Tgt Ion: 82 Resp: 4010
Ion Ratio Lower Upper
82 100
128 41.1 29.0 43.4
54 56.9 50.2 75.4

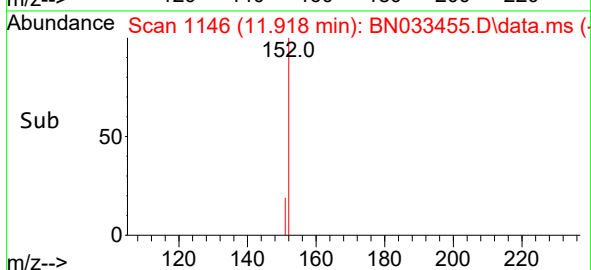
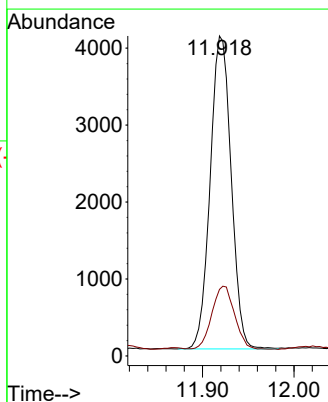
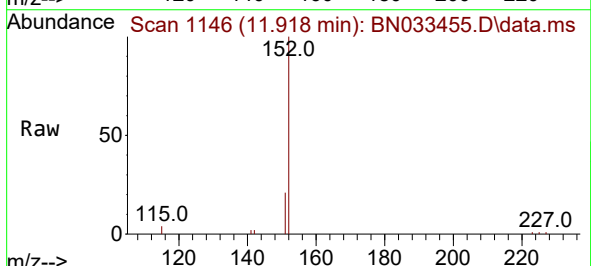
Manual Integrations
APPROVED

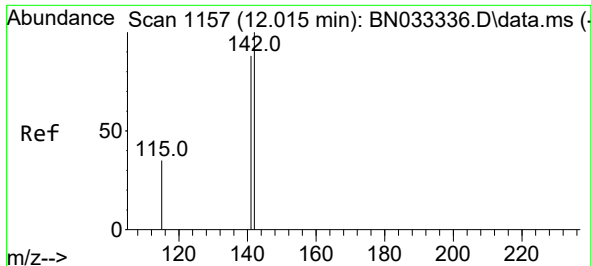
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#11
2-Methylnaphthalene-d10
Concen: 0.207 ng
RT: 11.918 min Scan# 1146
Delta R.T. -0.011 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38

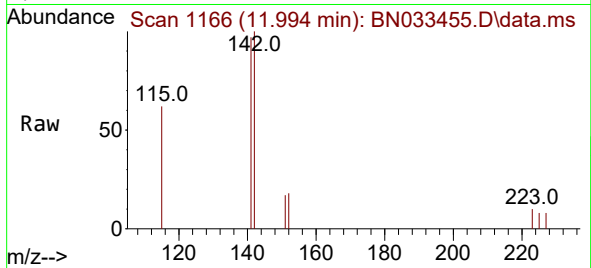
Tgt Ion:152 Resp: 6485
Ion Ratio Lower Upper
152 100
151 21.9 16.7 25.1





#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 11.994 min Scan# 1166
Delta R.T. -0.011 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38

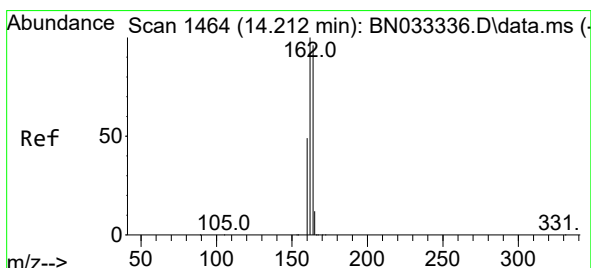
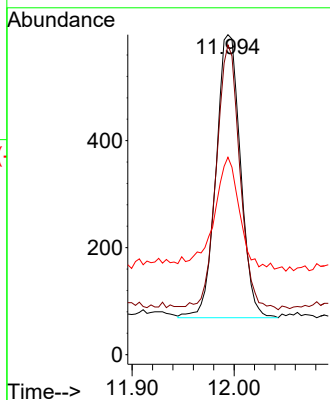
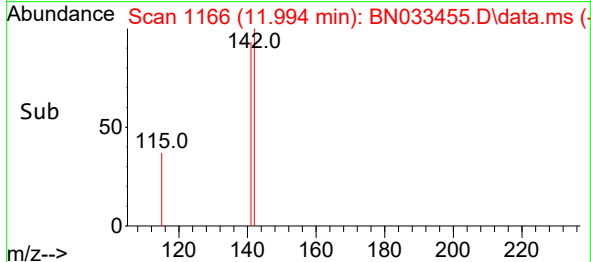
Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0.5-1-081224



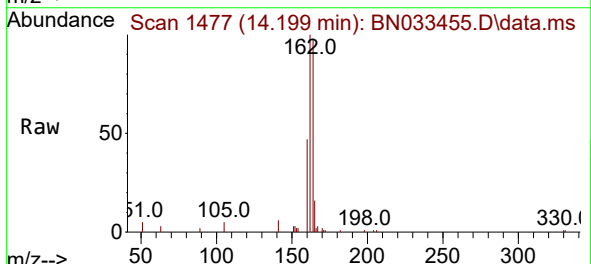
Tgt Ion:142 Resp: 878
Ion Ratio Lower Upper
142 100
141 96.8 70.2 105.4
115 61.7 29.3 43.9

Manual Integrations
APPROVED

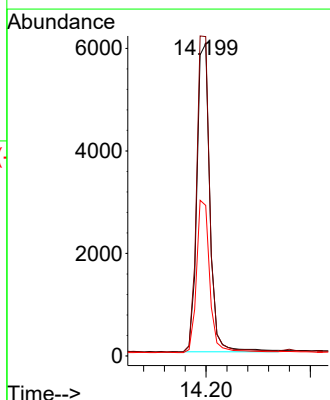
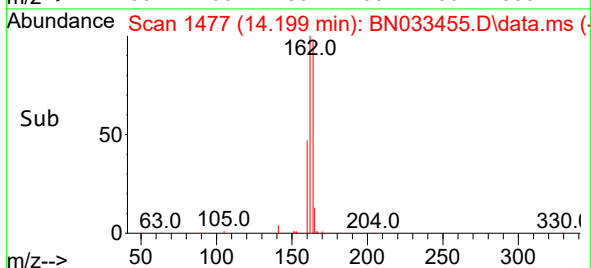
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024

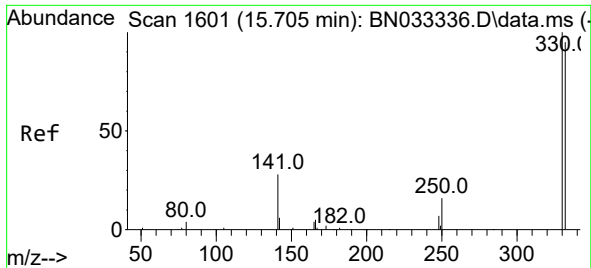


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.199 min Scan# 1477
Delta R.T. 0.000 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38



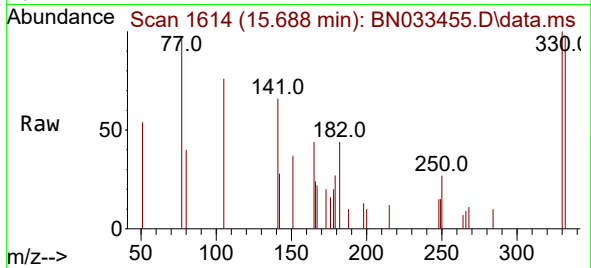
Tgt Ion:164 Resp: 10404
Ion Ratio Lower Upper
164 100
162 102.3 83.1 124.7
160 48.2 41.1 61.7





#14
2,4,6-Tribromophenol
Concen: 0.188 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.012 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38

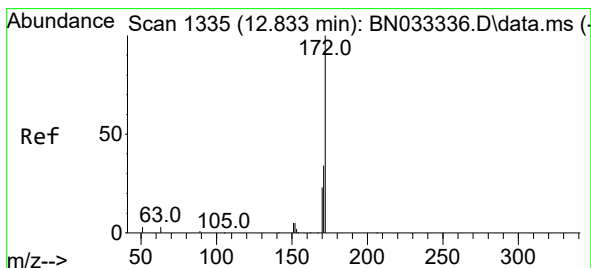
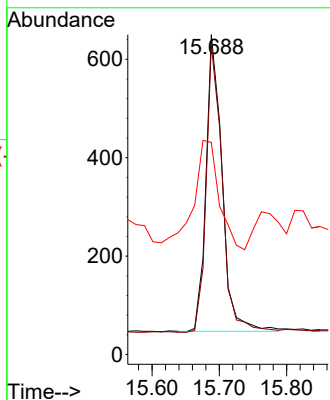
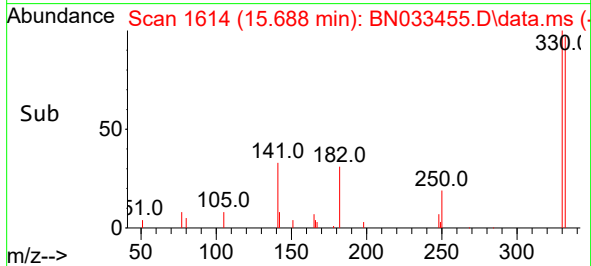
Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0.5-1-081224



Tgt Ion: 330 Resp: 100
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 56.9 33.4 50.0

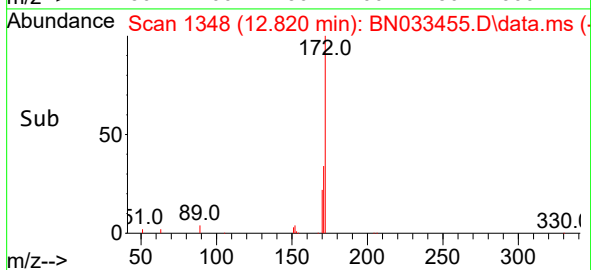
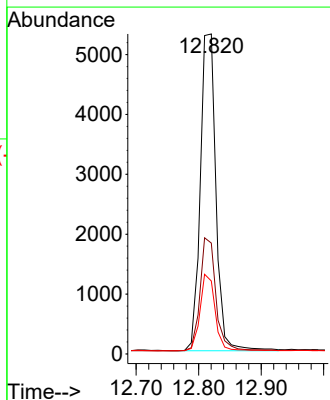
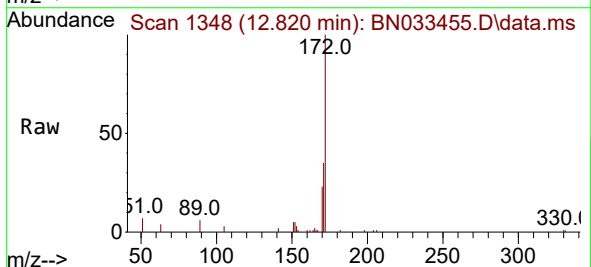
Manual Integrations
APPROVED

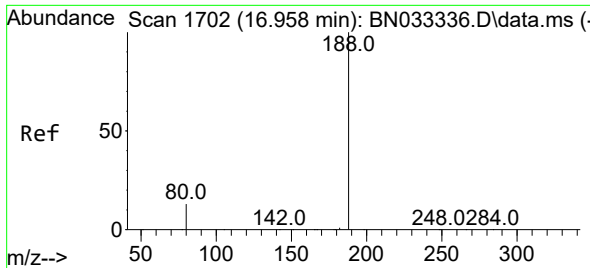
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#15
2-Fluorobiphenyl
Concen: 0.216 ng
RT: 12.820 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38

Tgt Ion: 172 Resp: 9220
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 22.8 18.7 28.1





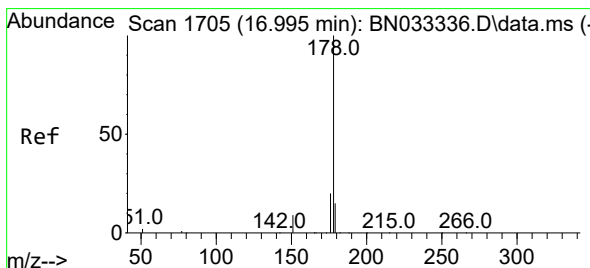
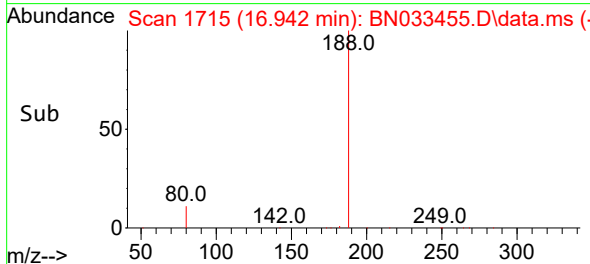
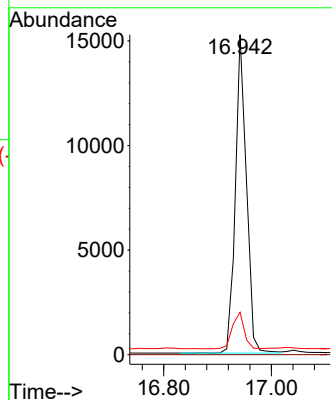
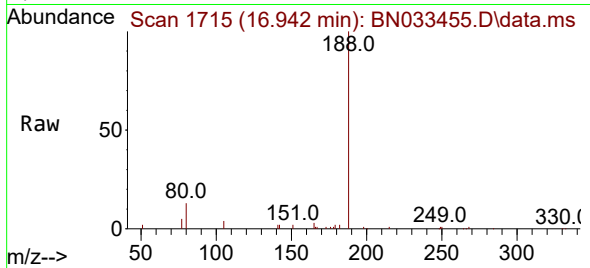
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38

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

Tgt Ion:188 Resp: 2163
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 10.7 16.1

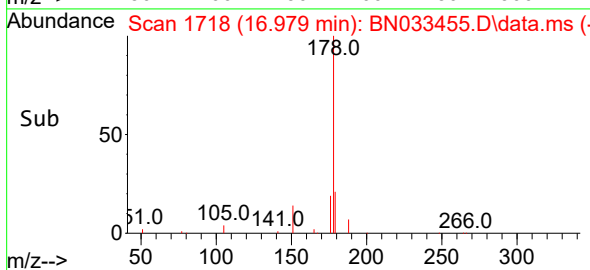
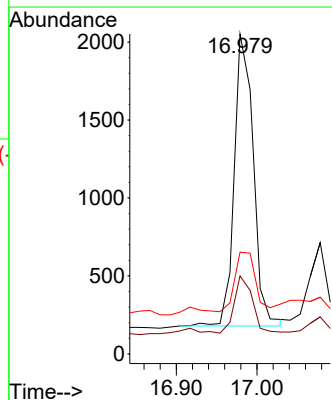
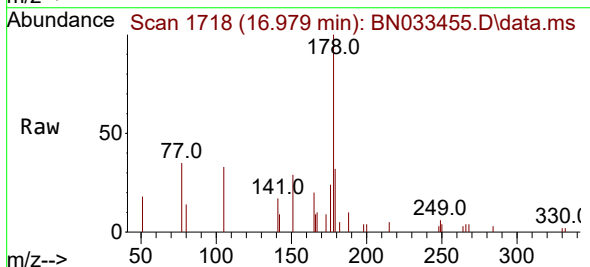
Manual Integrations
APPROVED

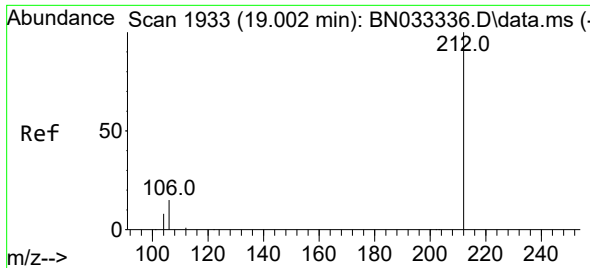
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#25
Phenanthrene
Concen: 0.049 ng
RT: 16.979 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38

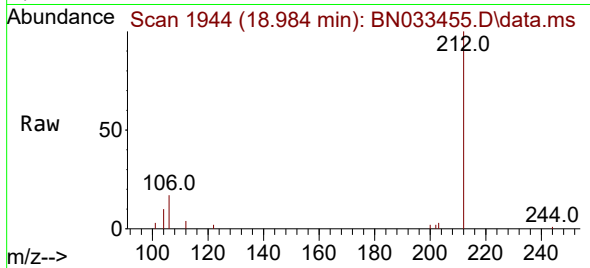
Tgt Ion:178 Resp: 3056
Ion Ratio Lower Upper
178 100
176 17.6 15.4 23.0
179 21.9 12.2 18.2#





#27
Fluoranthene-d10
Concen: 0.185 ng
RT: 18.984 min Scan# 1950
Delta R.T. -0.009 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38

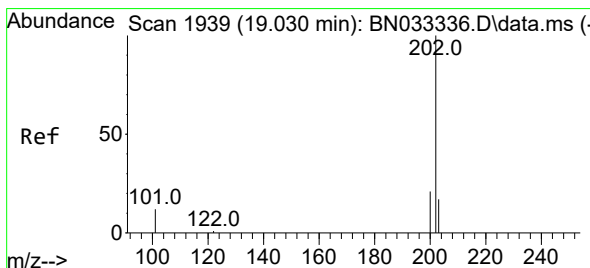
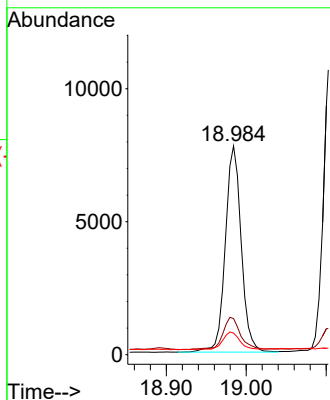
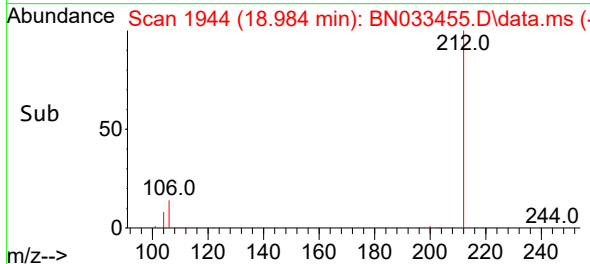
Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0.5-1-081224



Tgt Ion:212 Resp: 10708
Ion Ratio Lower Upper
212 100
106 18.0 12.8 19.2
104 9.1 7.1 10.7

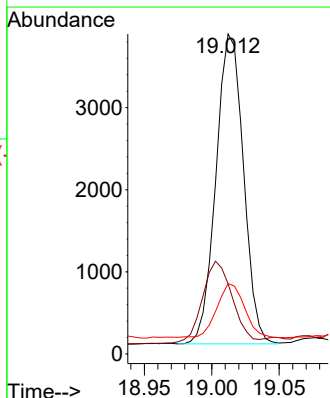
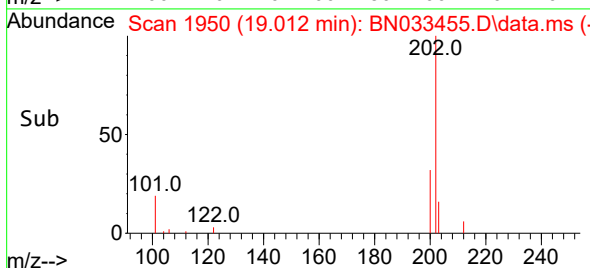
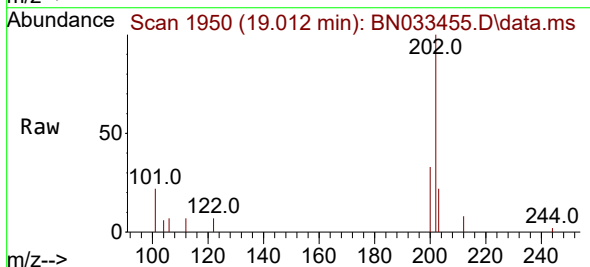
Manual Integrations
APPROVED

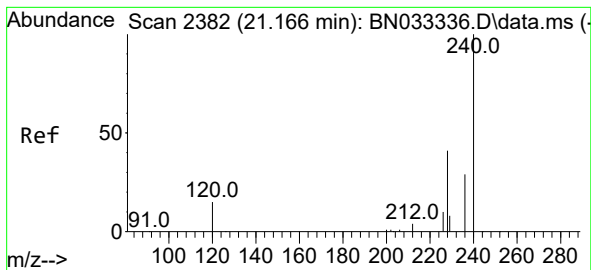
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#28
Fluoranthene
Concen: 0.070 ng
RT: 19.012 min Scan# 1950
Delta R.T. -0.009 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38

Tgt Ion:202 Resp: 5351
Ion Ratio Lower Upper
202 100
101 29.5 9.8 14.6#
203 18.3 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.148 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033455.D

Acq: 17 Aug 2024 06:38

Instrument :

BNA_N

ClientSampleId :

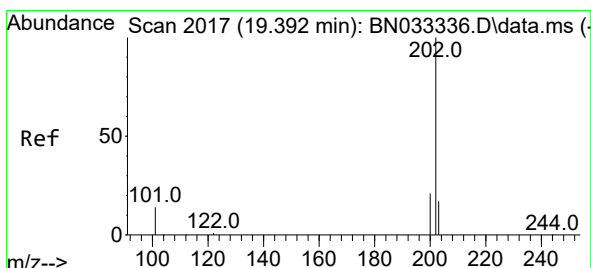
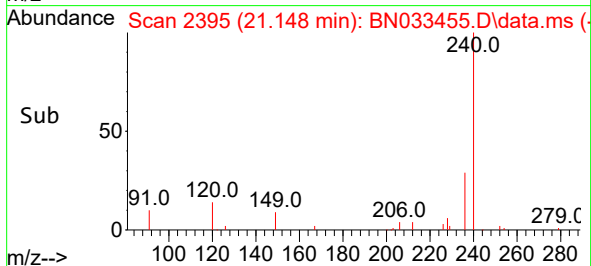
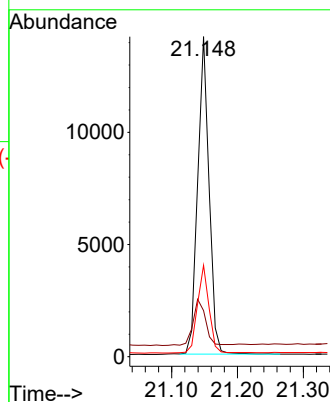
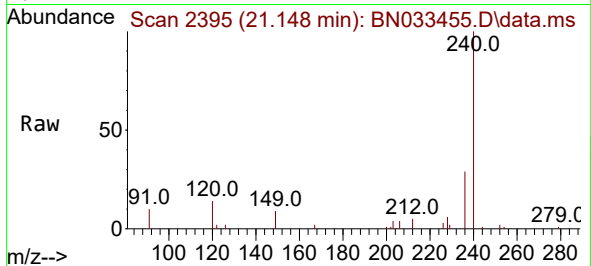
923-K1-SD-0.5-1-081224

Tgt Ion:240	Resp:	16949
Ion Ratio	Lower	Upper
240	100	
120	14.4	13.0 19.6
236	28.6	23.2 34.8

Manual Integrations

APPROVED

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



#30

Pyrene

Concen: 0.103 ng

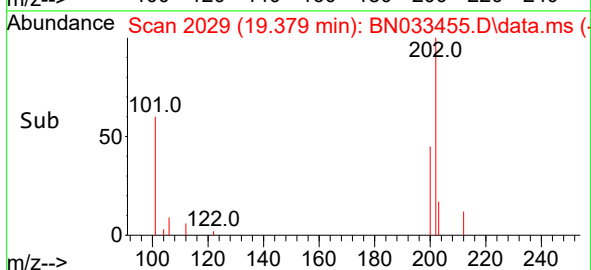
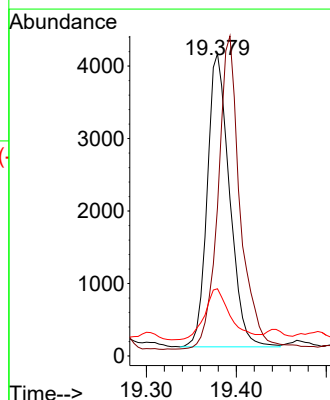
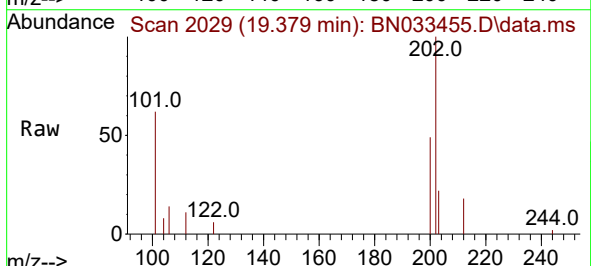
RT: 19.379 min Scan# 2029

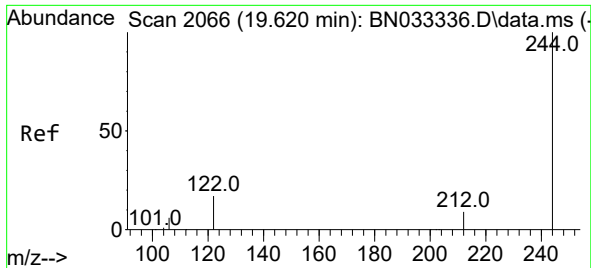
Delta R.T. -0.005 min

Lab File: BN033455.D

Acq: 17 Aug 2024 06:38

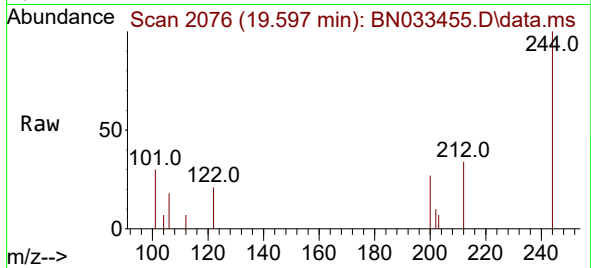
Tgt Ion:202	Resp:	6948
Ion Ratio	Lower	Upper
202	100	
200	107.0	16.7 25.1#
203	20.0	14.2 21.4





#31
 Terphenyl-d14
 Concen: 0.219 ng
 RT: 19.597 min Scan# 2066
 Delta R.T. -0.009 min
 Lab File: BN033455.D
 Acq: 17 Aug 2024 06:38

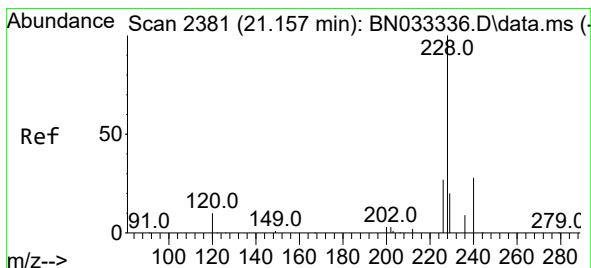
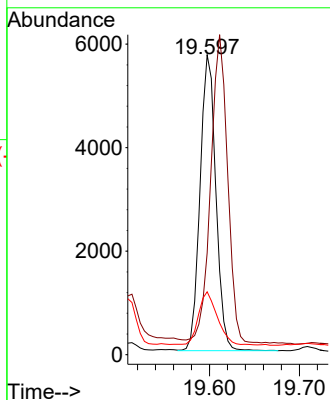
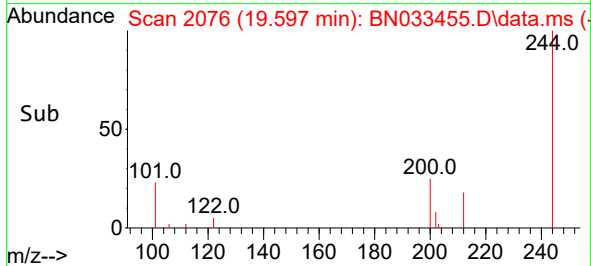
Instrument : BNA_N
 ClientSampleId : 923-K1-SD-0.5-1-081224



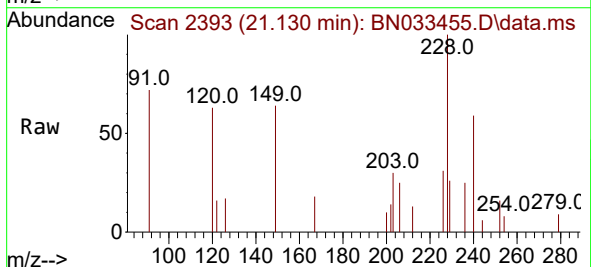
Tgt Ion:244 Resp: 7000
 Ion Ratio Lower Upper
 244 100
 212 33.9 7.7 11.5
 122 21.0 14.0 21.0

Manual Integrations
 APPROVED

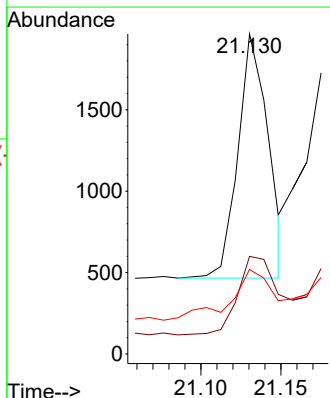
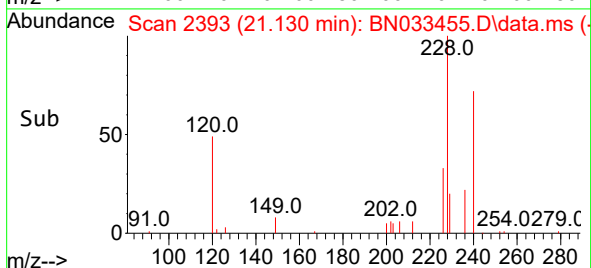
Reviewed By :Jagrut Upadhyay 08/19/2024
 Supervised By :mohammad ahmed 08/21/2024

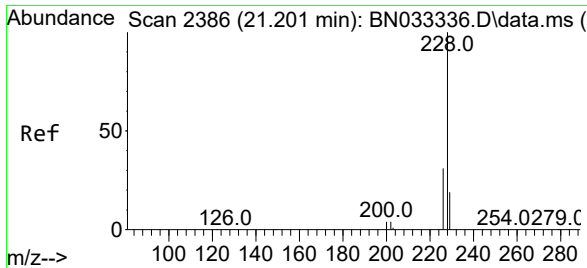


#32
 Benzo(a)anthracene
 Concen: 0.031 ng
 RT: 21.130 min Scan# 2393
 Delta R.T. -0.009 min
 Lab File: BN033455.D
 Acq: 17 Aug 2024 06:38



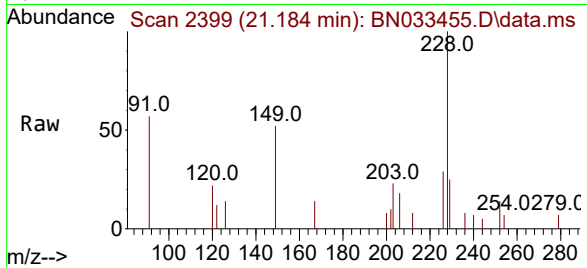
Tgt Ion:228 Resp: 1976
 Ion Ratio Lower Upper
 228 100
 226 30.5 21.6 32.4
 229 26.4 15.9 23.9





#33
Chrysene
Concen: 0.051 ng m
RT: 21.184 min Scan# 2118
Delta R.T. -0.009 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38

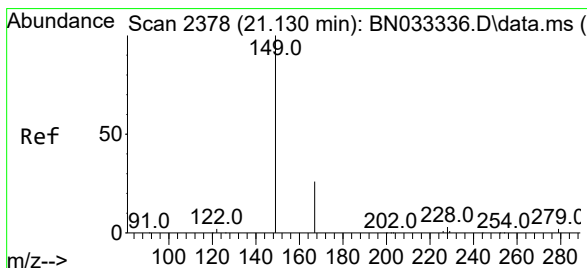
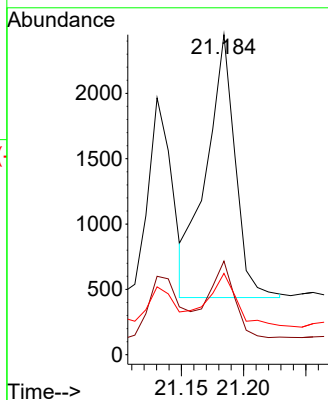
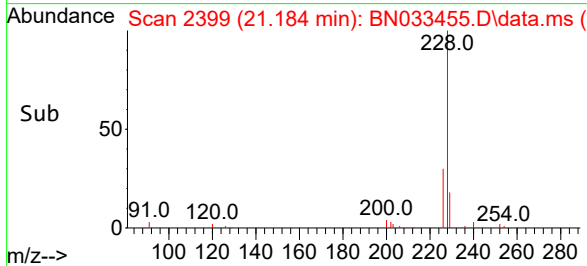
Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0.5-1-081224



Tgt Ion:228 Resp: 3250
Ion Ratio Lower Upper
228 100
226 29.3 24.7 37.1
229 25.4 15.4 23.2

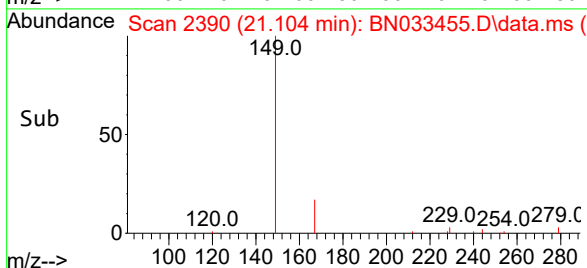
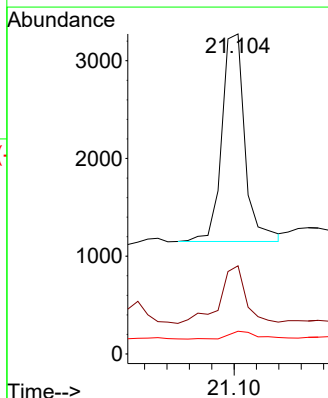
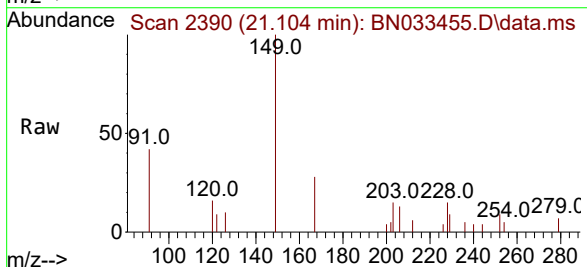
Manual Integrations
APPROVED

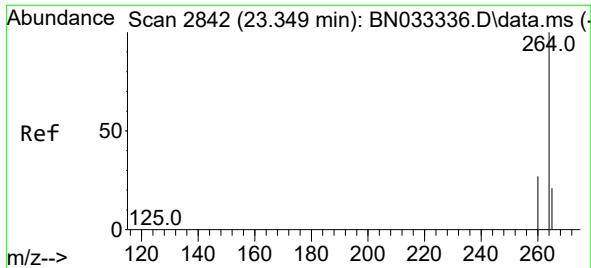
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.106 ng
RT: 21.104 min Scan# 2390
Delta R.T. -0.009 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38

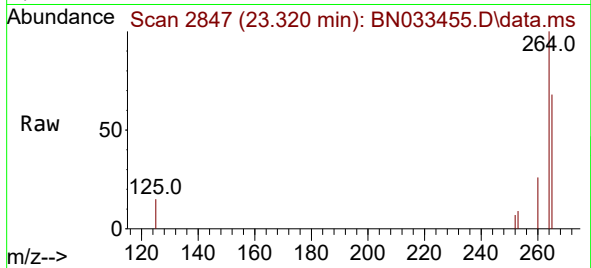
Tgt Ion:149 Resp: 3039
Ion Ratio Lower Upper
149 100
167 31.2 20.9 31.3
279 4.9 2.2 3.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.320 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38

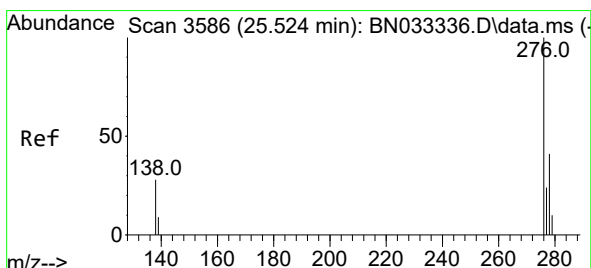
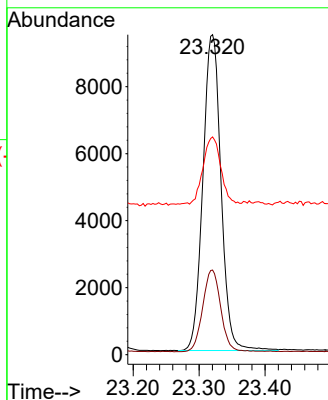
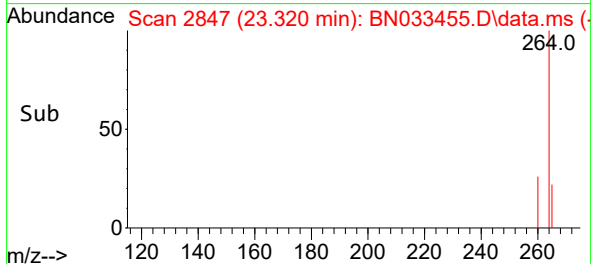
Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0.5-1-081224



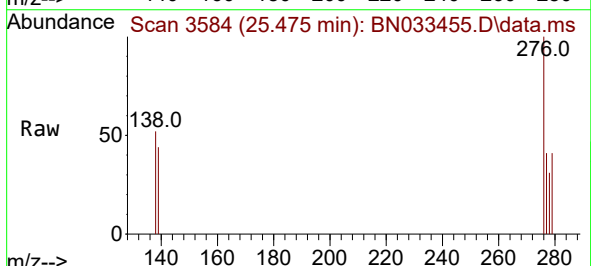
Tgt Ion:264 Resp: 18049
Ion Ratio Lower Upper
264 100
260 26.5 21.6 32.4
265 68.1 29.3 43.9

Manual Integrations
APPROVED

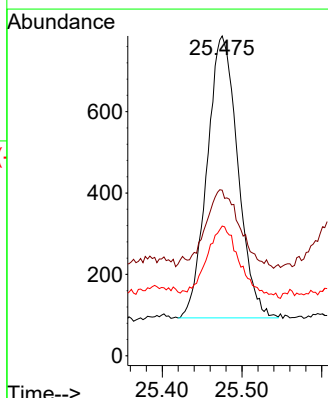
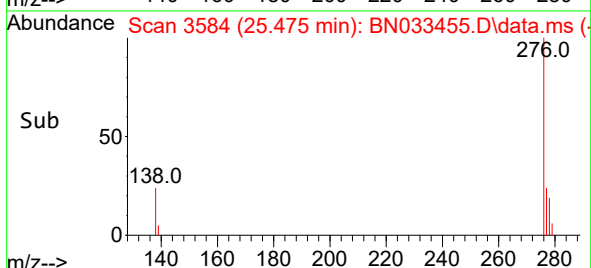
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024

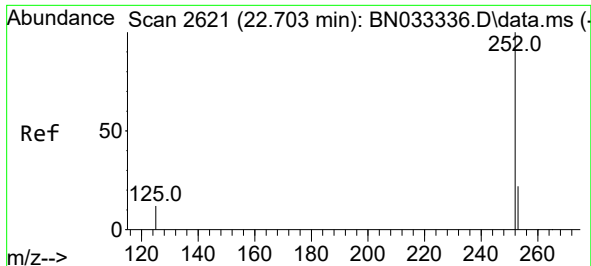


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng
RT: 25.475 min Scan# 3584
Delta R.T. -0.023 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38



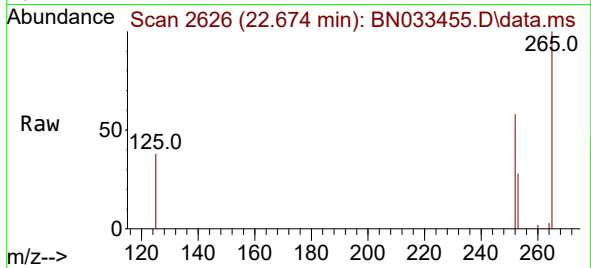
Tgt Ion:276 Resp: 1856
Ion Ratio Lower Upper
276 100
138 30.5 24.9 37.3
277 28.3 19.8 29.6





#37
Benzo(b)fluoranthene
Concen: 0.058 ng
RT: 22.674 min Scan# 2640
Delta R.T. -0.012 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38

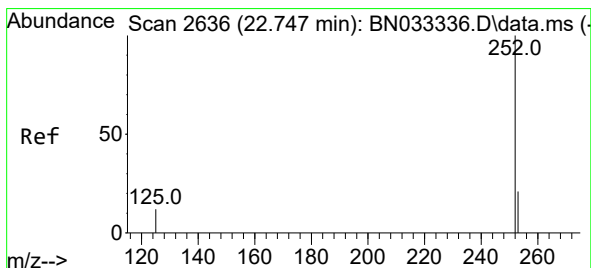
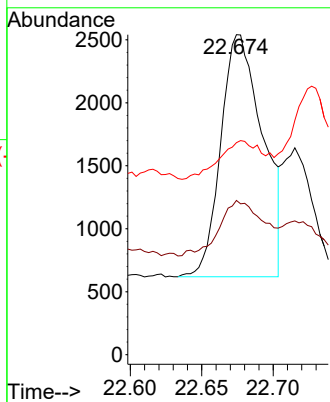
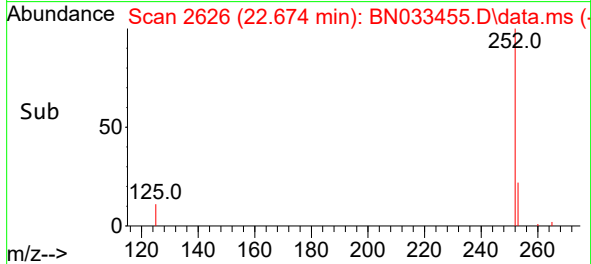
Instrument :
BNA_N
ClientSampleId :
923-K1-SD-0.5-1-081224



Tgt Ion:252 Resp: 3932
Ion Ratio Lower Upper
252 100
253 48.2 18.2 27.2#
125 66.3 11.3 16.9#

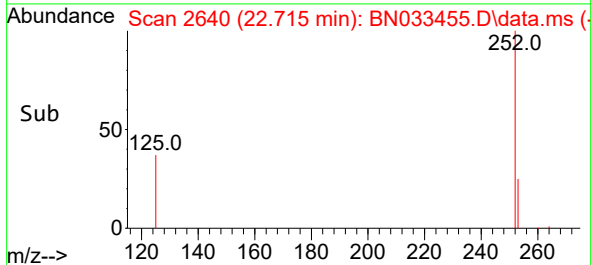
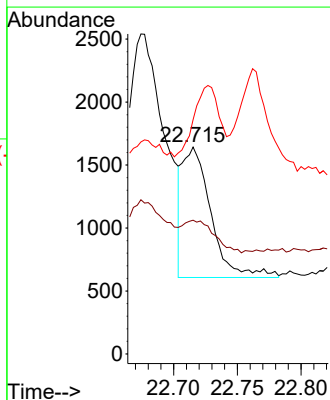
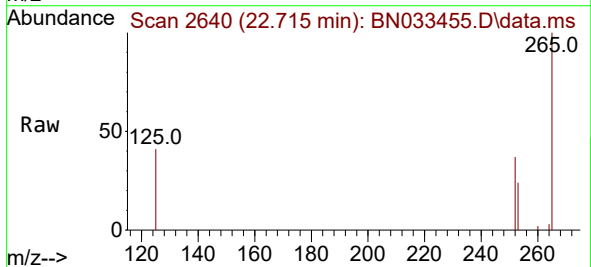
Manual Integrations
APPROVED

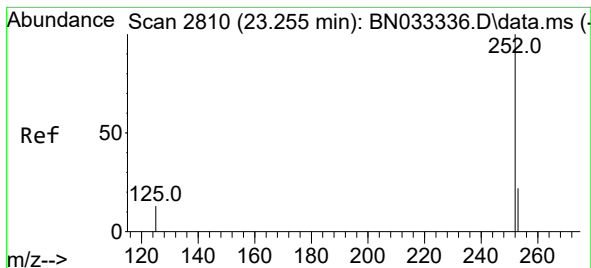
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024



#38
Benzo(k)fluoranthene
Concen: 0.023 ng m
RT: 22.715 min Scan# 2640
Delta R.T. -0.015 min
Lab File: BN033455.D
Acq: 17 Aug 2024 06:38

Tgt Ion:252 Resp: 1616
Ion Ratio Lower Upper
252 100
253 64.6 17.9 26.9#
125 113.2 11.3 16.9#





#39

Benzo(a)pyrene

Concen: 0.039 ng

RT: 23.224 min Scan# 2814

Delta R.T. -0.015 min

Lab File: BN033455.D

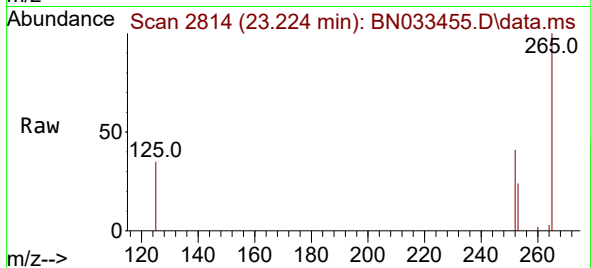
Acq: 17 Aug 2024 06:38

Instrument :

BNA_N

ClientSampleId :

923-K1-SD-0.5-1-081224



Tgt Ion:252 Resp: 2210

Ion Ratio Lower Upper

252 100

253 60.0 18.6 28.0#

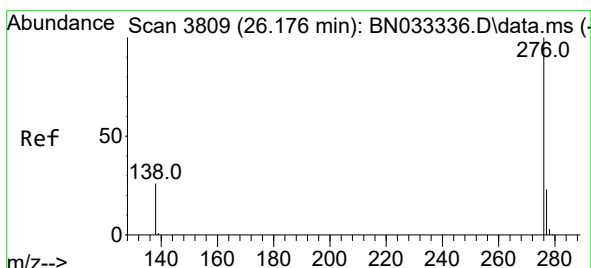
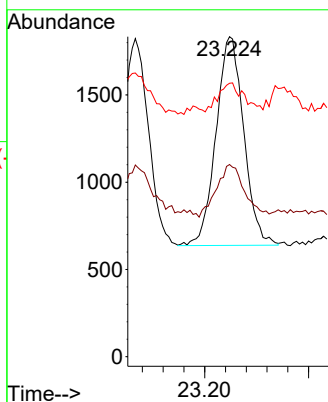
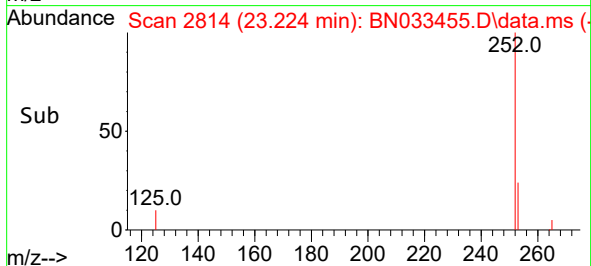
125 85.4 12.6 19.0#

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2024

Supervised By :mohammad ahmed 08/21/2024



#41

Benzo(g,h,i)perylene

Concen: 0.031 ng

RT: 26.133 min Scan# 3809

Delta R.T. -0.018 min

Lab File: BN033455.D

Acq: 17 Aug 2024 06:38

Tgt Ion:276 Resp: 1998

Ion Ratio Lower Upper

276 100

277 39.8 19.4 29.2#

138 49.1 21.6 32.4#

