

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
 Data File : BN033235.D
 Acq On : 03 Aug 2024 12:48
 Operator : MA/JU
 Sample : P3451-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 921-J-WS-080124

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/05/2024
 Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 05 03:27:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 02 22:49:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	2724m	0.400	ng	0.04
7) Naphthalene-d8	10.276	136	9391	0.400	ng	#-0.01
13) Acenaphthene-d10	14.137	164	4760	0.400	ng	0.00
19) Phenanthrene-d10	16.908	188	9238	0.400	ng	#-0.01
29) Chrysene-d12	21.125	240	7133	0.400	ng	0.00
35) Perylene-d12	23.306	264	7838	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	804	0.117	ng	0.02
5) Phenol-d6	6.918	99	577	0.067	ng	0.04
8) Nitrobenzene-d5	8.824	82	1997	0.282	ng	0.01
11) 2-Methylnaphthalene-d10	11.871	152	3606	0.251	ng	-0.03
14) 2,4,6-Tribromophenol	15.679	330	572	0.281	ng	-0.04
15) 2-Fluorobiphenyl	12.768	172	5524	0.312	ng	-0.02
27) Fluoranthene-d10	18.950	212	7556	0.316	ng	0.00
31) Terphenyl-d14	19.545	244	5739	0.393	ng	-0.02
Target Compounds						Qvalue
25) Phenanthrene	16.957	178	1135	0.045	ng	98
28) Fluoranthene	18.983	202	1805	0.059	ng	98
30) Pyrene	19.350	202	1173	0.040	ng	95
34) Bis(2-ethylhexyl)phtha...	21.008	149	2384	0.191	ng	# 75
37) Benzo(b)fluoranthene	22.663	252	933	0.034	ng	# 1

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

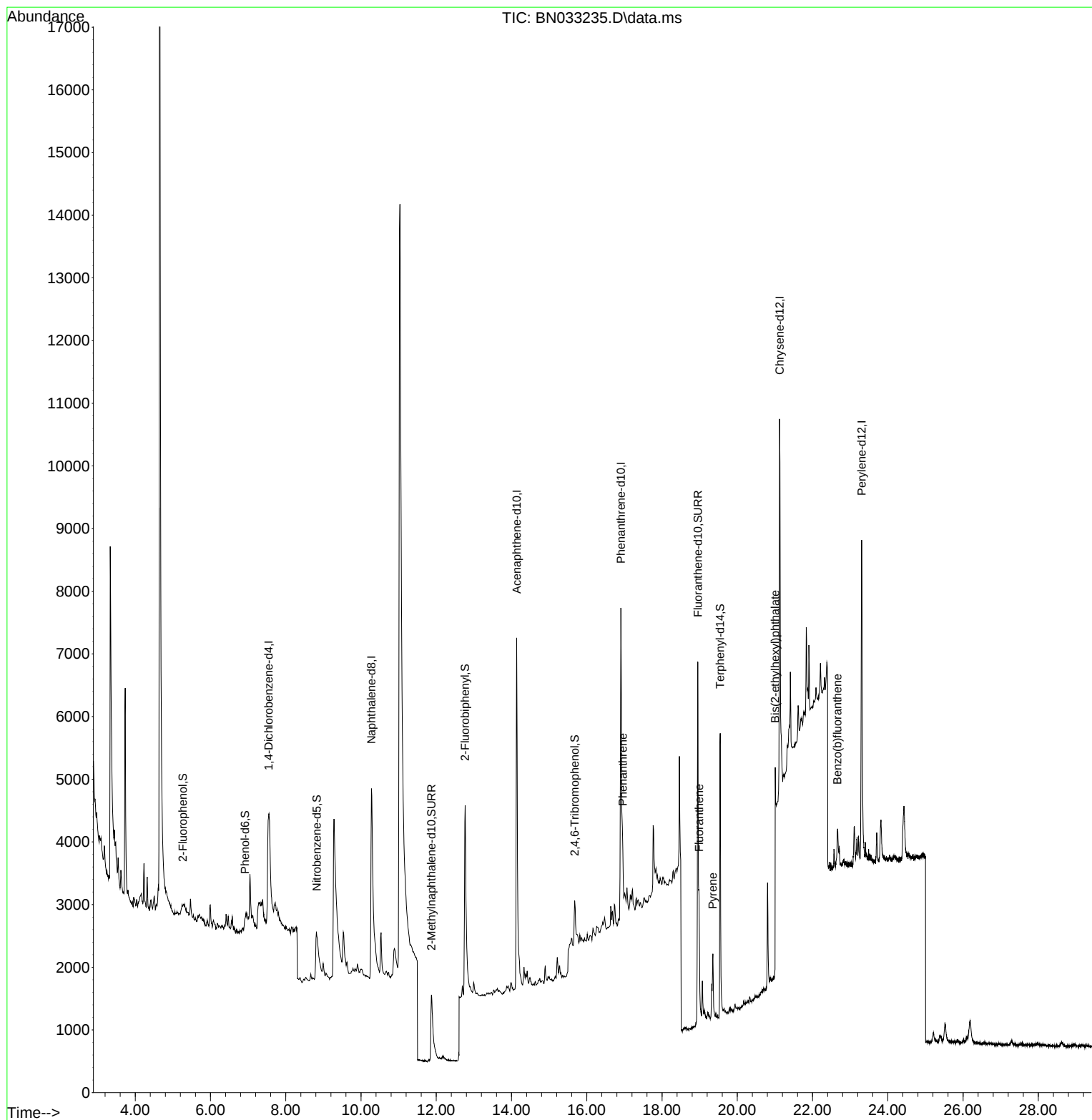
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
Data File : BN033235.D
Acq On : 03 Aug 2024 12:48
Operator : MA/JU
Sample : P3451-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

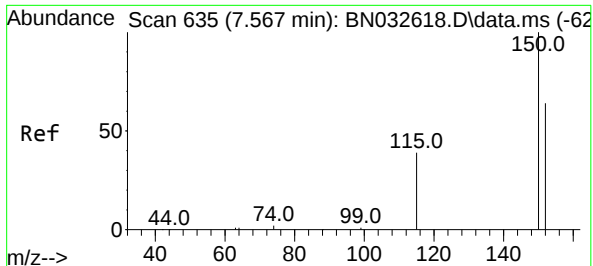
Instrument :
BNA_N
ClientSampleId :
921-J-WS-080124

Quant Time: Aug 05 03:27:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 02 22:49:47 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

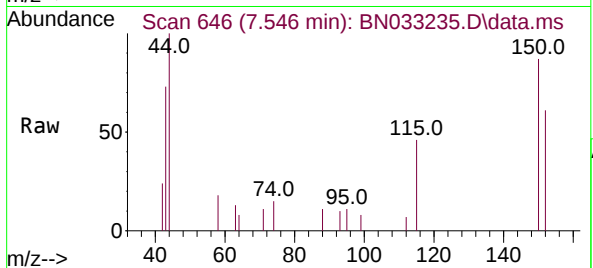
Reviewed By :Jagrut Upadhyay 08/05/2024
Supervised By :mohammad ahmed 08/07/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng m
 RT: 7.546 min Scan# 64
 Delta R.T. 0.043 min
 Lab File: BN033235.D
 Acq: 03 Aug 2024 12:48

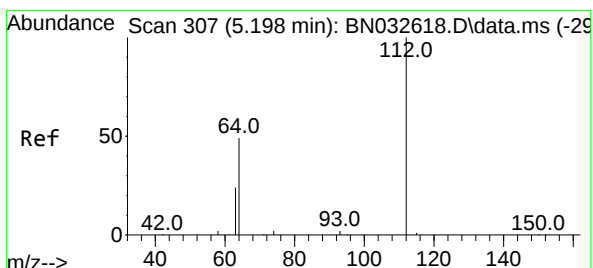
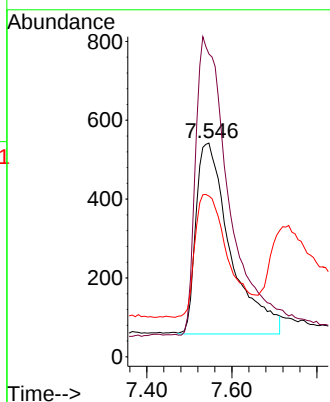
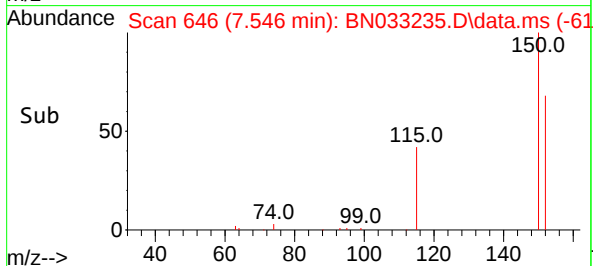
Instrument :
 BNA_N
 ClientSampleId :
 921-J-WS-080124



Tgt Ion:152 Resp: 2724
 Ion Ratio Lower Upper
 152 100
 150 141.7 123.8 185.6
 115 75.3 52.8 79.2

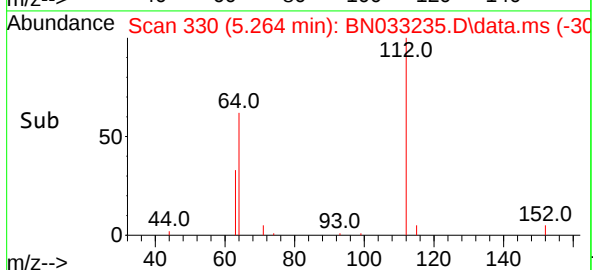
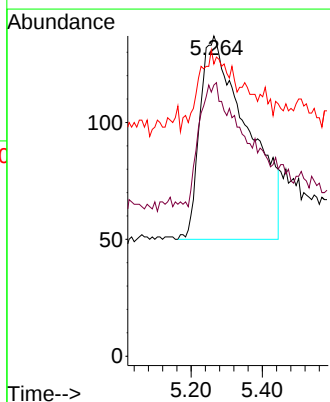
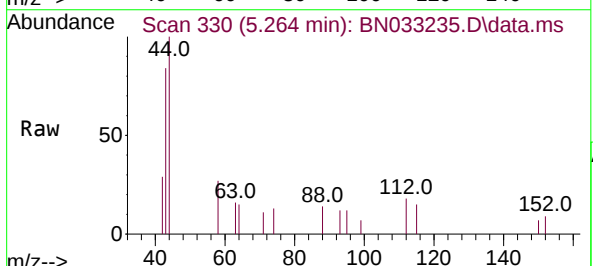
Manual Integrations
 APPROVED

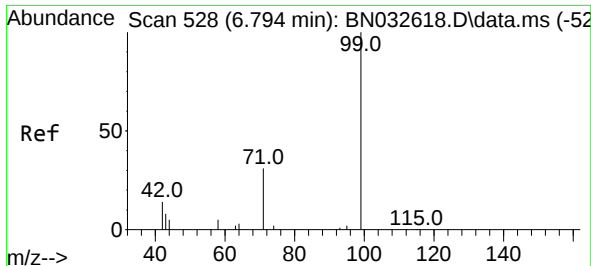
Reviewed By :Jagrut Upadhyay 08/05/2024
 Supervised By :mohammad ahmed 08/07/2024



#4
 2-Fluorophenol
 Concen: 0.117 ng
 RT: 5.264 min Scan# 330
 Delta R.T. 0.022 min
 Lab File: BN033235.D
 Acq: 03 Aug 2024 12:48

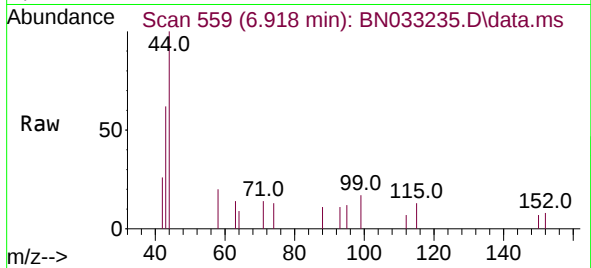
Tgt Ion:112 Resp: 804
 Ion Ratio Lower Upper
 112 100
 64 56.2 40.2 60.4
 63 26.1 22.2 33.4





#5
Phenol-d6
Concen: 0.067 ng
RT: 6.918 min Scan# 528
Delta R.T. 0.036 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

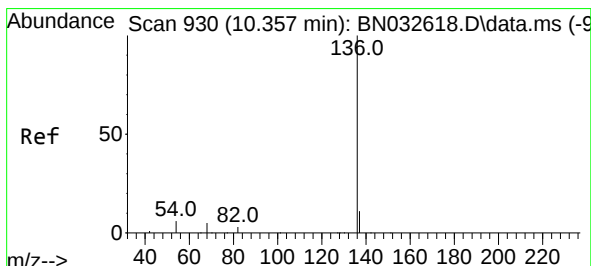
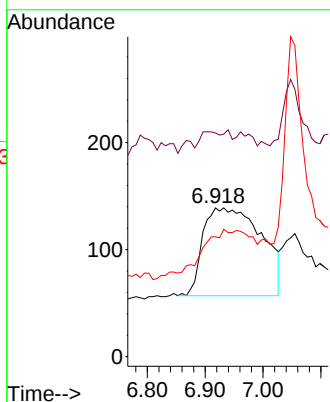
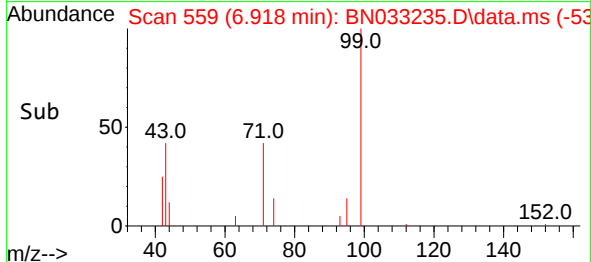
Instrument :
BNA_N
ClientSampleId :
921-J-WS-080124



Tgt Ion: 99 Resp: 57
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7
71 31.2 22.3 33.5

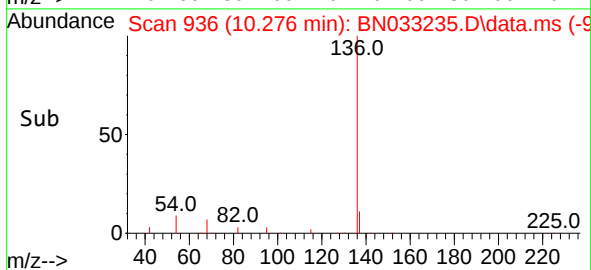
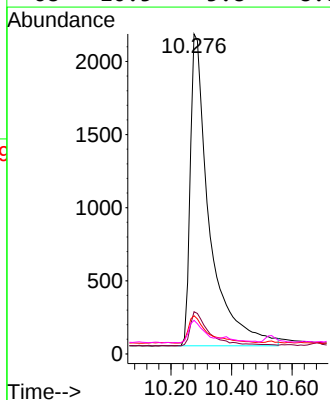
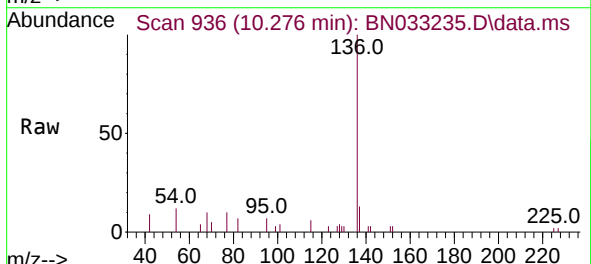
Manual Integrations
APPROVED

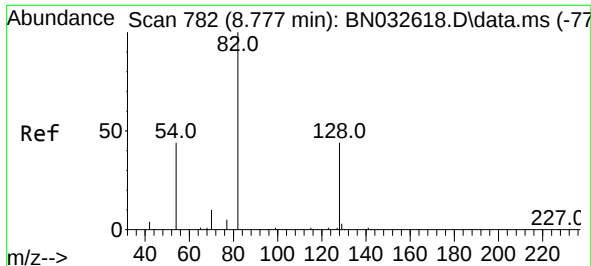
Reviewed By :Jagrut Upadhyay 08/05/2024
Supervised By :mohammad ahmed 08/07/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.276 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

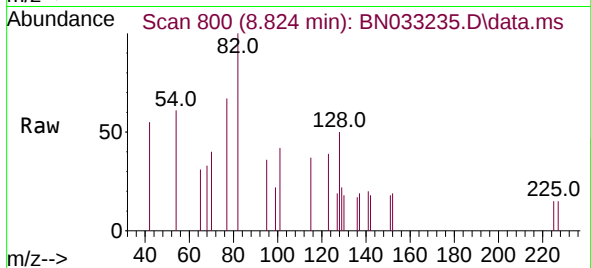
Tgt Ion:136 Resp: 9391
Ion Ratio Lower Upper
136 100
137 13.2 9.9 14.9
54 11.9 6.5 9.7#
68 10.5 5.8 8.8#





#8
Nitrobenzene-d5
Concen: 0.282 ng
RT: 8.824 min Scan# 80
Delta R.T. 0.011 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

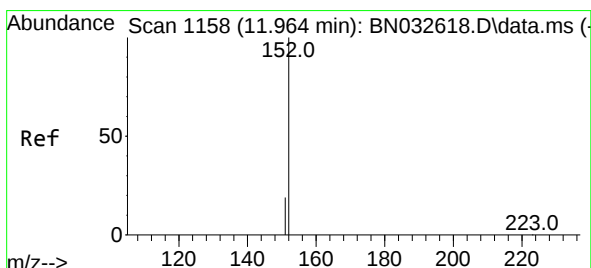
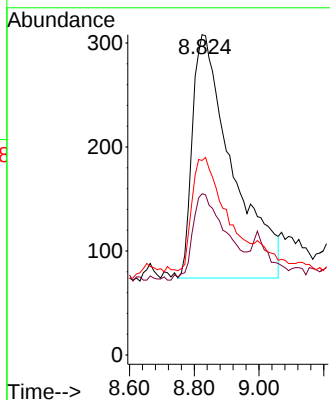
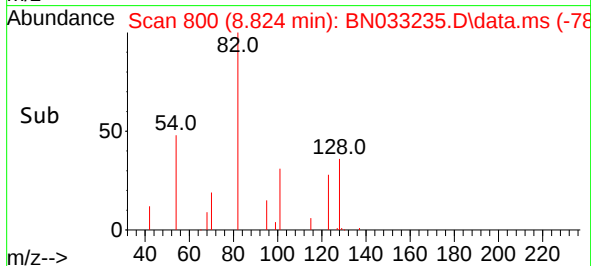
Instrument :
BNA_N
ClientSampleId :
921-J-WS-080124



Tgt Ion: 82 Resp: 199
Ion Ratio Lower Upper
82 100
128 50.3 41.7 62.5
54 60.7 39.5 59.3

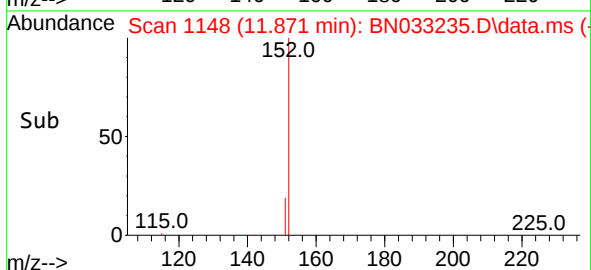
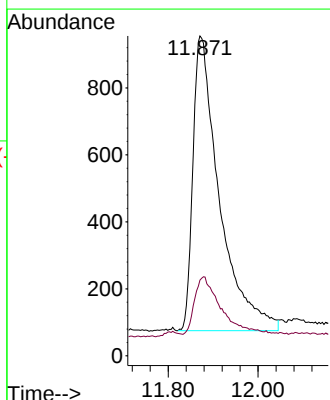
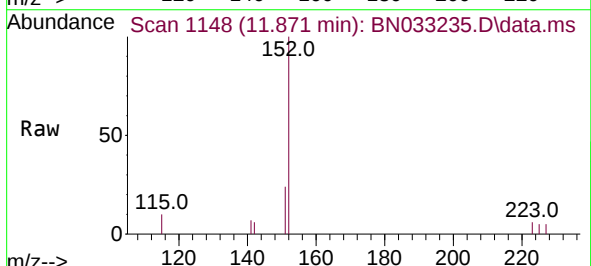
Manual Integrations
APPROVED

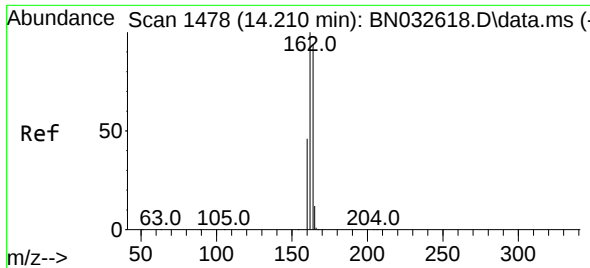
Reviewed By :Jagrut Upadhyay 08/05/2024
Supervised By :mohammad ahmed 08/07/2024



#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 11.871 min Scan# 1148
Delta R.T. -0.030 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

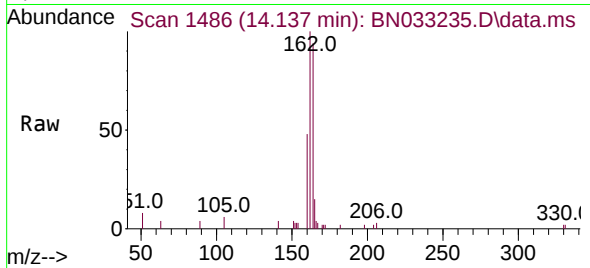
Tgt Ion:152 Resp: 3606
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.137 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

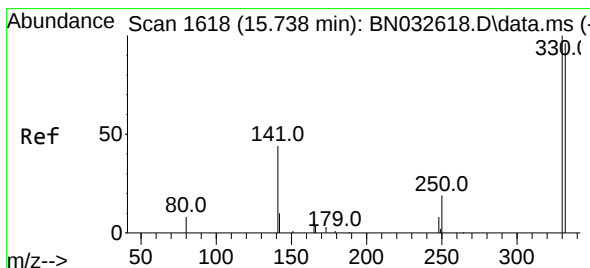
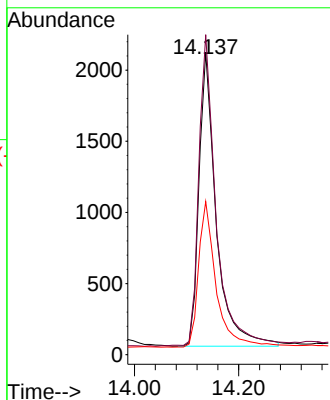
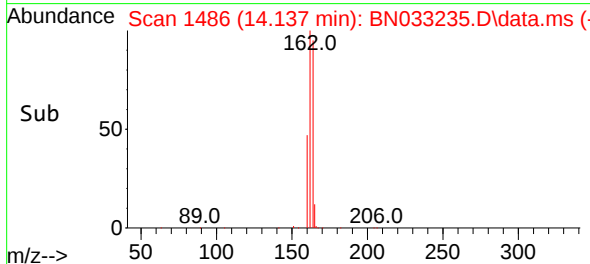
Instrument :
BNA_N
ClientSampleId :
921-J-WS-080124



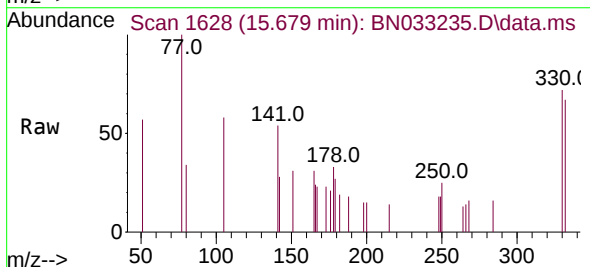
Tgt Ion:164 Resp: 4760
Ion Ratio Lower Upper
164 100
162 105.8 85.0 127.4
160 50.6 39.4 59.2

Manual Integrations
APPROVED

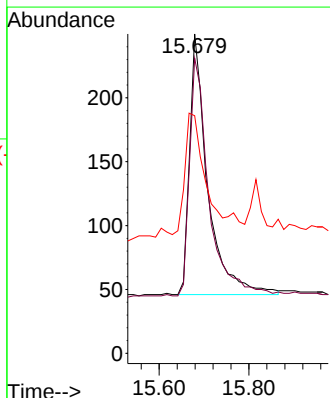
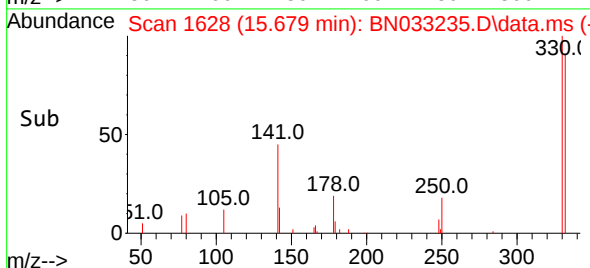
Reviewed By :Jagrut Upadhyay 08/05/2024
Supervised By :mohammad ahmed 08/07/2024

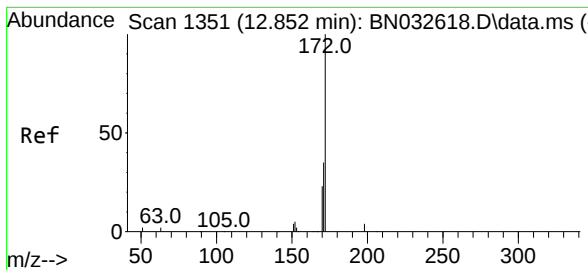


#14
2,4,6-Tribromophenol
Concen: 0.281 ng
RT: 15.679 min Scan# 1628
Delta R.T. -0.037 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48



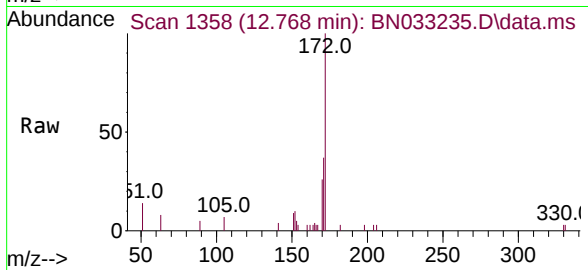
Tgt Ion:330 Resp: 572
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 51.2 34.2 51.2





#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.768 min Scan# 11
Delta R.T. -0.021 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

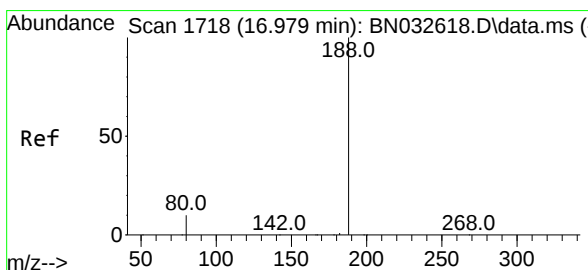
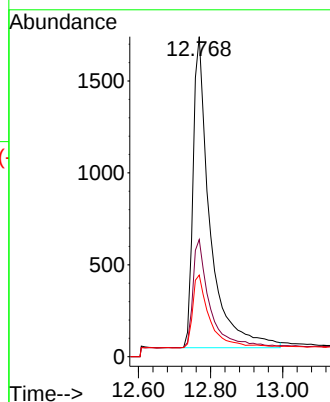
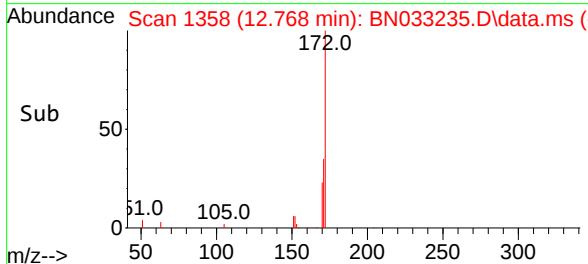
Instrument :
BNA_N
ClientSampleId :
921-J-WS-080124



Tgt Ion:172 Resp: 5524
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 25.5 19.0 28.6

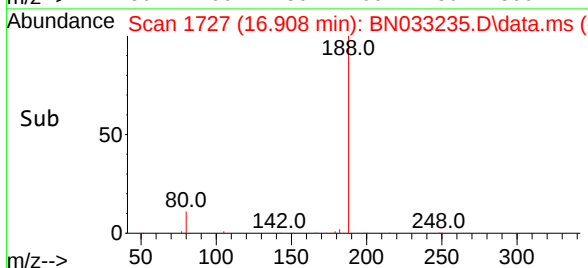
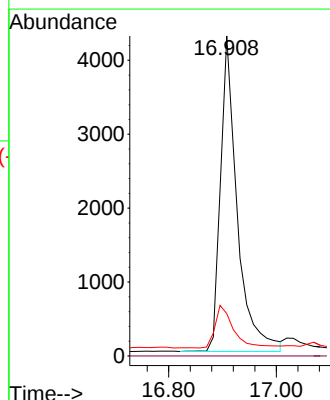
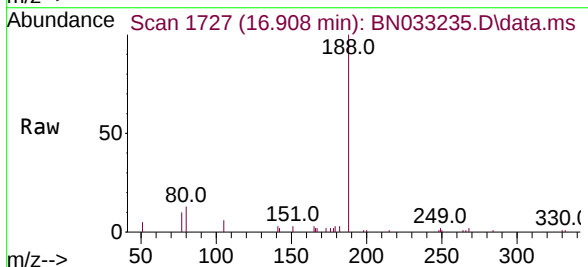
Manual Integrations
APPROVED

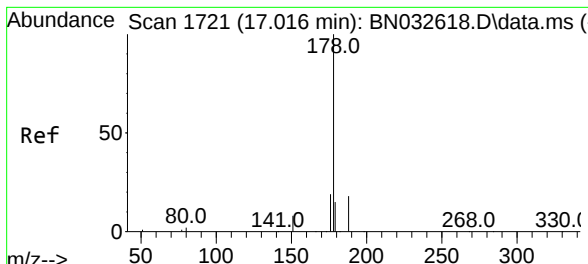
Reviewed By :Jagrut Upadhyay 08/05/2024
Supervised By :mohammad ahmed 08/07/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.908 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

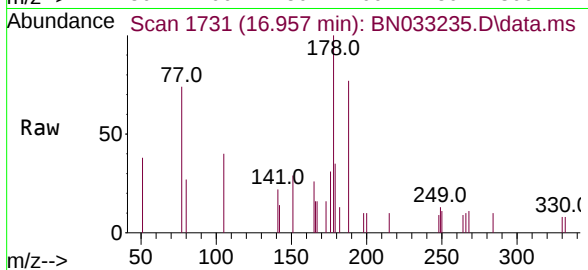
Tgt Ion:188 Resp: 9238
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 8.8 13.2#





#25
Phenanthrene
Concen: 0.045 ng
RT: 16.957 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

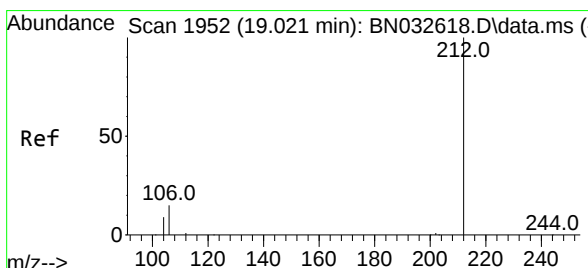
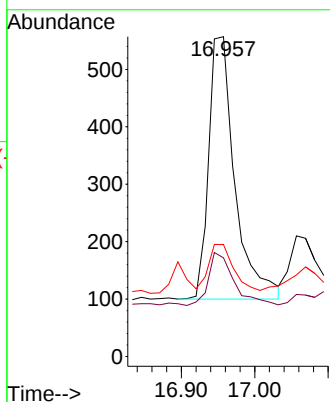
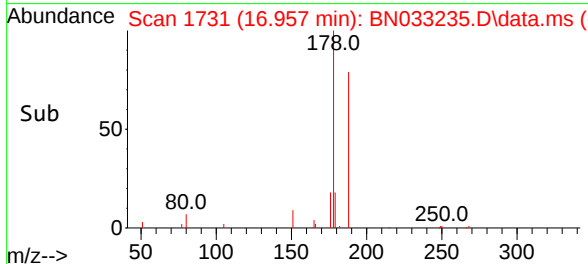
Instrument :
BNA_N
ClientSampleId :
921-J-WS-080124



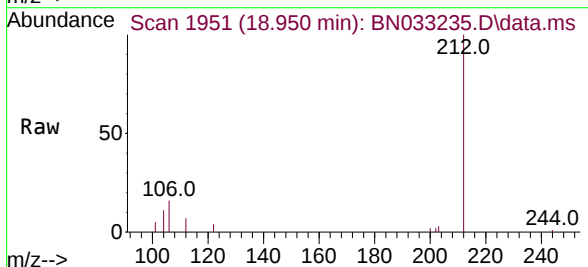
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	16.1	12.2	18.4

Manual Integrations
APPROVED

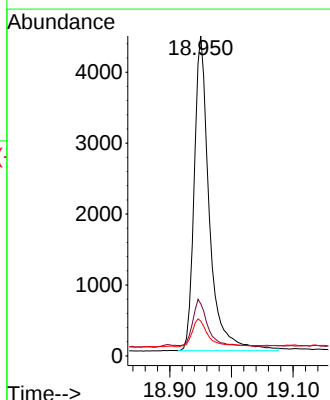
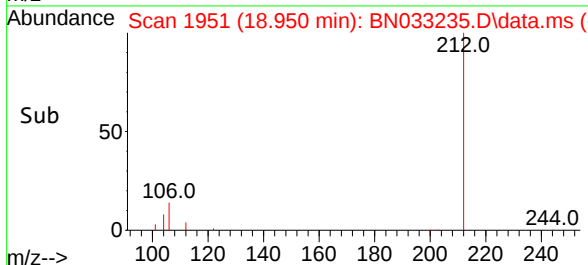
Reviewed By :Jagrut Upadhyay 08/05/2024
Supervised By :mohammad ahmed 08/07/2024

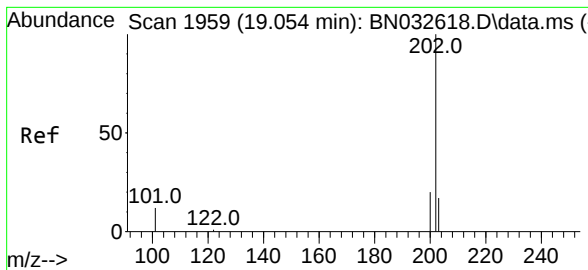


#27
Fluoranthene-d10
Concen: 0.316 ng
RT: 18.950 min Scan# 1951
Delta R.T. -0.009 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48



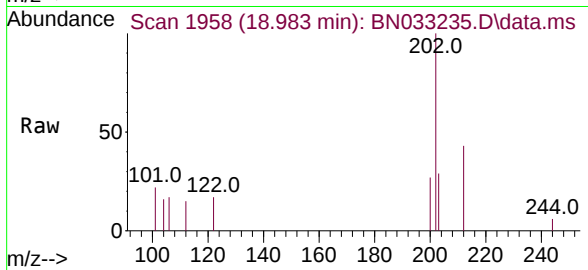
Tgt Ion	Ratio	Lower	Upper
212	100		
106	14.7	11.9	17.9
104	9.7	6.9	10.3





#28
Fluoranthene
Concen: 0.059 ng
RT: 18.983 min Scan# 1959
Delta R.T. -0.009 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

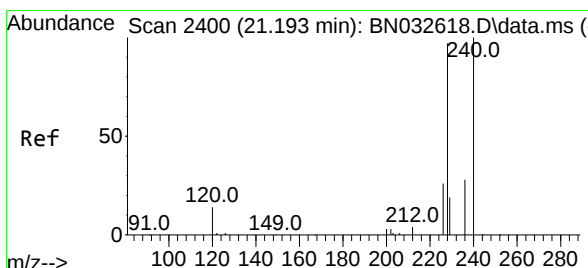
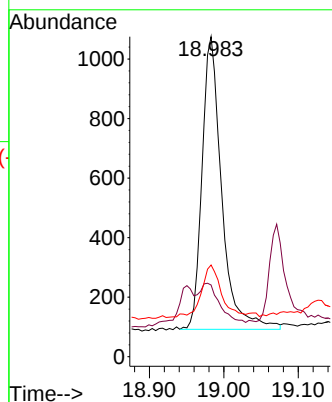
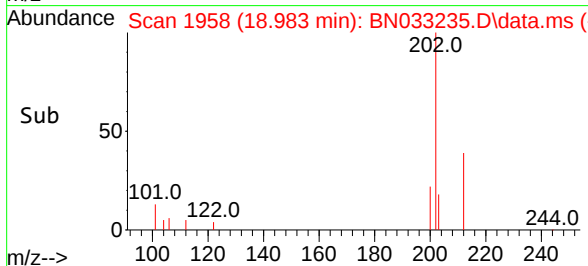
Instrument :
BNA_N
ClientSampleId :
921-J-WS-080124



Tgt Ion:202 Resp: 180
Ion Ratio Lower Upper
202 100
101 12.6 9.6 14.4
203 18.2 13.8 20.6

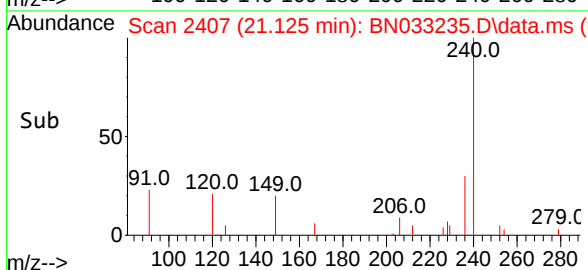
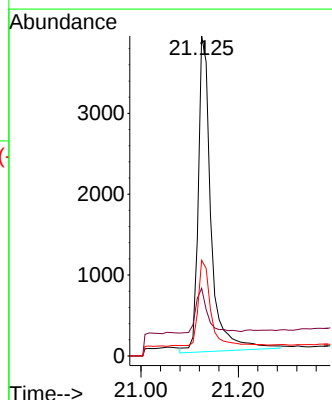
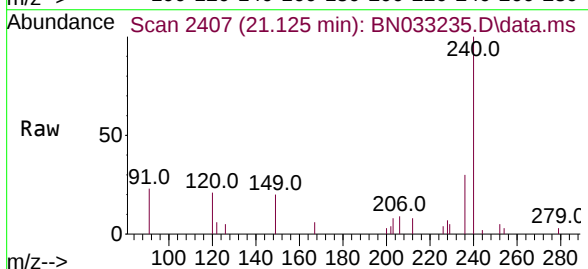
Manual Integrations
APPROVED

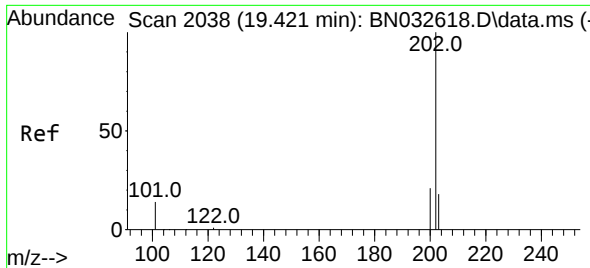
Reviewed By :Jagrut Upadhyay 08/05/2024
Supervised By :mohammad ahmed 08/07/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.125 min Scan# 2407
Delta R.T. -0.009 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

Tgt Ion:240 Resp: 7133
Ion Ratio Lower Upper
240 100
120 21.2 14.8 22.2
236 29.9 23.3 34.9





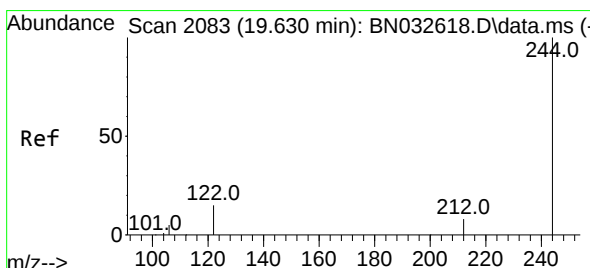
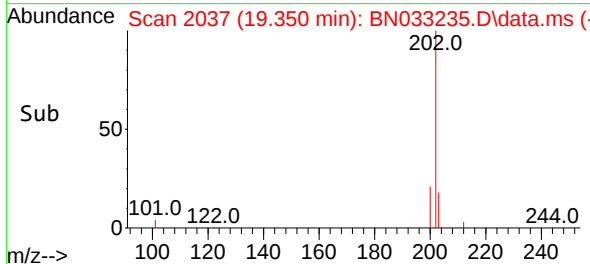
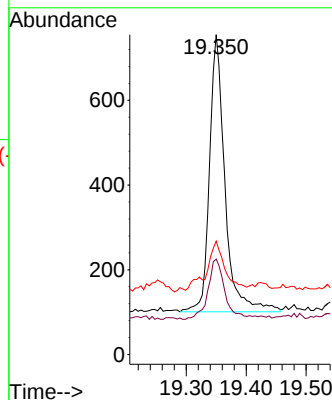
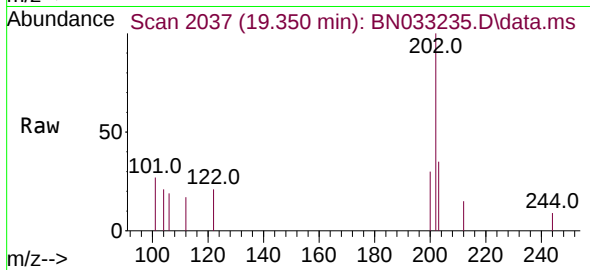
#30
Pyrene
Concen: 0.040 ng
RT: 19.350 min Scan# 2079
Delta R.T. -0.009 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

Instrument :
BNA_N
ClientSampleId :
921-J-WS-080124

Tgt Ion:202 Resp: 117
Ion Ratio Lower Upper
202 100
200 23.5 16.6 25.0
203 20.5 14.8 22.2

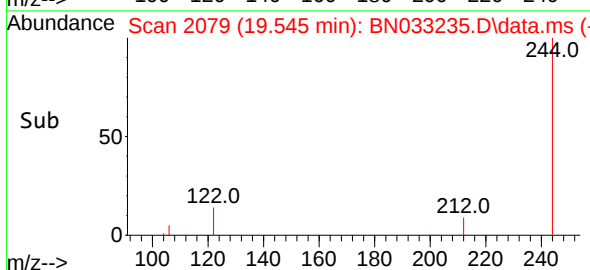
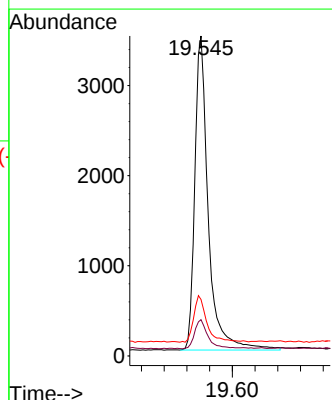
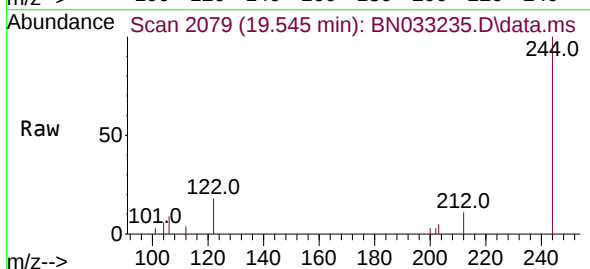
Manual Integrations
APPROVED

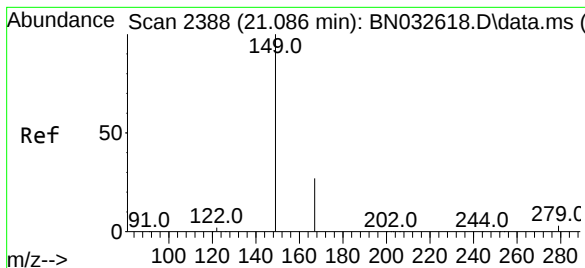
Reviewed By :Jagrut Upadhyay 08/05/2024
Supervised By :mohammad ahmed 08/07/2024



#31
Terphenyl-d14
Concen: 0.393 ng
RT: 19.545 min Scan# 2079
Delta R.T. -0.018 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

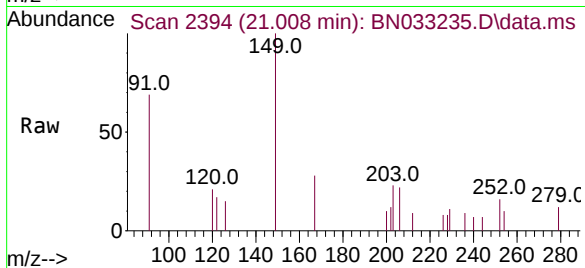
Tgt Ion:244 Resp: 5739
Ion Ratio Lower Upper
244 100
212 11.3 7.5 11.3#
122 17.7 12.6 19.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.191 ng
RT: 21.008 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

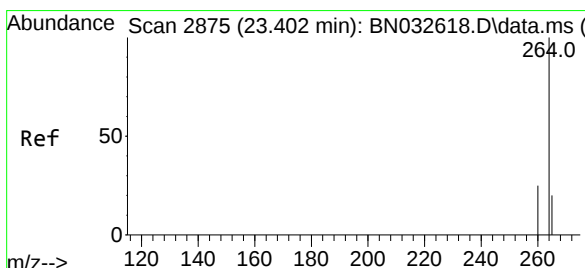
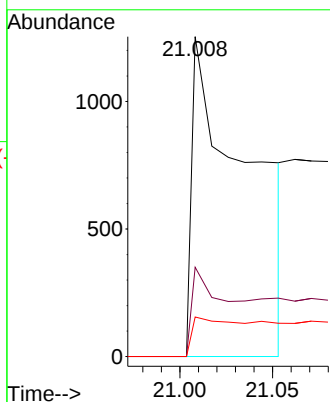
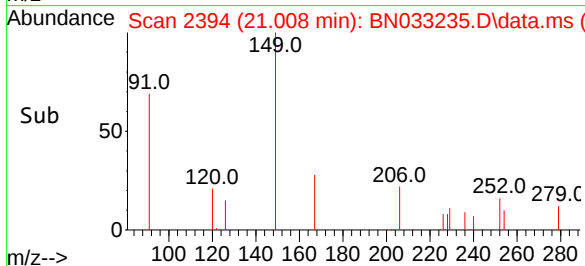
Instrument :
BNA_N
ClientSampleId :
921-J-WS-080124



Tgt Ion:149 Resp: 2384
Ion Ratio Lower Upper
149 100
167 13.7 21.4 32.2
279 10.2 2.8 4.2

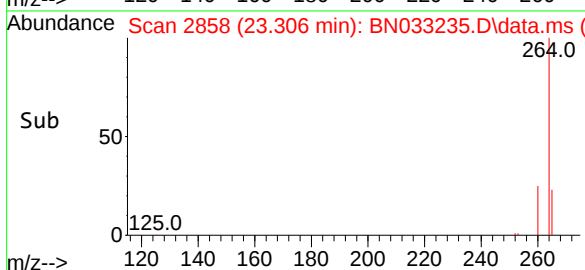
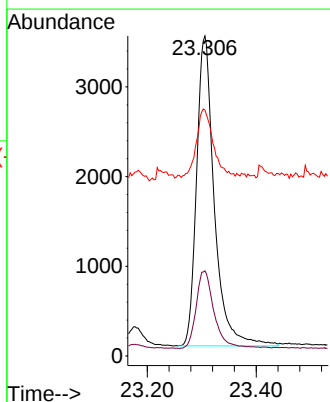
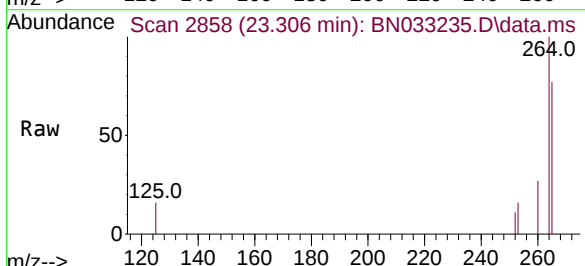
Manual Integrations
APPROVED

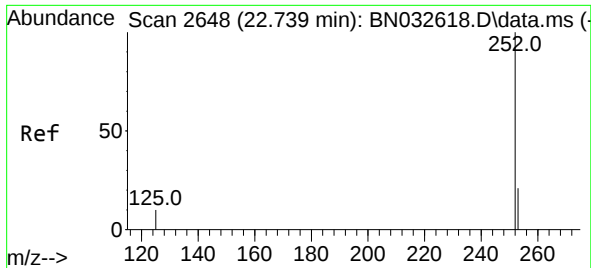
Reviewed By :Jagrut Upadhyay 08/05/2024
Supervised By :mohammad ahmed 08/07/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.306 min Scan# 2858
Delta R.T. -0.009 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

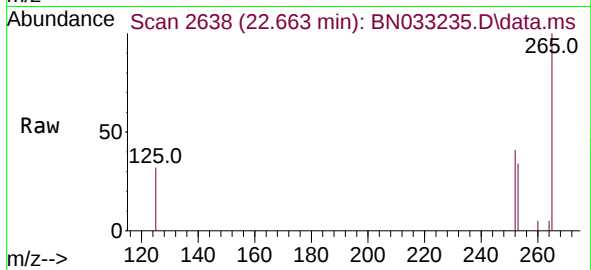
Tgt Ion:264 Resp: 7838
Ion Ratio Lower Upper
264 100
260 26.6 20.9 31.3
265 76.9 85.4 128.2





#37
Benzo(b)fluoranthene
Concen: 0.034 ng
RT: 22.663 min Scan# 20
Delta R.T. 0.003 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

Instrument :
BNA_N
ClientSampleId :
921-J-WS-080124



Tgt Ion:252 Resp: 93
Ion Ratio Lower Upper
252 100
253 83.4 22.3 33.5
125 79.6 15.4 23.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/05/2024
Supervised By :mohammad ahmed 08/07/2024

