

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092622\
 Data File : BN021913.D
 Acq On : 26 Sep 2022 11:44
 Operator : CG/JU
 Sample : N4688-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-438-440

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/27/2022
 Supervised By : Jagrut Upadhyay 09/27/2022

Quant Time: Sep 26 17:36:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 01:55:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	4310	0.400	ng	-0.01
7) Naphthalene-d8	10.877	136	13861	0.400	ng	-0.01
13) Acenaphthene-d10	14.696	164	7533	0.400	ng	-0.01
19) Phenanthrene-d10	17.456	188	13075	0.400	ng	# 0.00
29) Chrysene-d12	21.647	240	7893	0.400	ng	# 0.00
35) Perylene-d12	24.154	264	6368	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	1388	0.123	ng	0.00
5) Phenol-d6	7.209	99	1027	0.072	ng	0.00
8) Nitrobenzene-d5	9.222	82	3126m	0.273	ng	-0.01
11) 2-Methylnaphthalene-d10	12.463	152	9414	0.269	ng	-0.01
14) 2,4,6-Tribromophenol	16.197	330	731	0.212	ng	-0.01
15) 2-Fluorobiphenyl	13.328	172	9765	0.317	ng	-0.01
27) Fluoranthene-d10	19.485	212	11549	0.328	ng	0.00
31) Terphenyl-d14	20.071	244	8577	0.475	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.540	149	2508	0.124	ng	99
36) Indeno(1,2,3-cd)pyrene	26.814	276	677	0.022	ng	# 91
40) Dibenzo(a,h)anthracene	26.826	278	577	0.024	ng	# 1
41) Benzo(g,h,i)perylene	27.618	276	567	0.023	ng	# 25

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

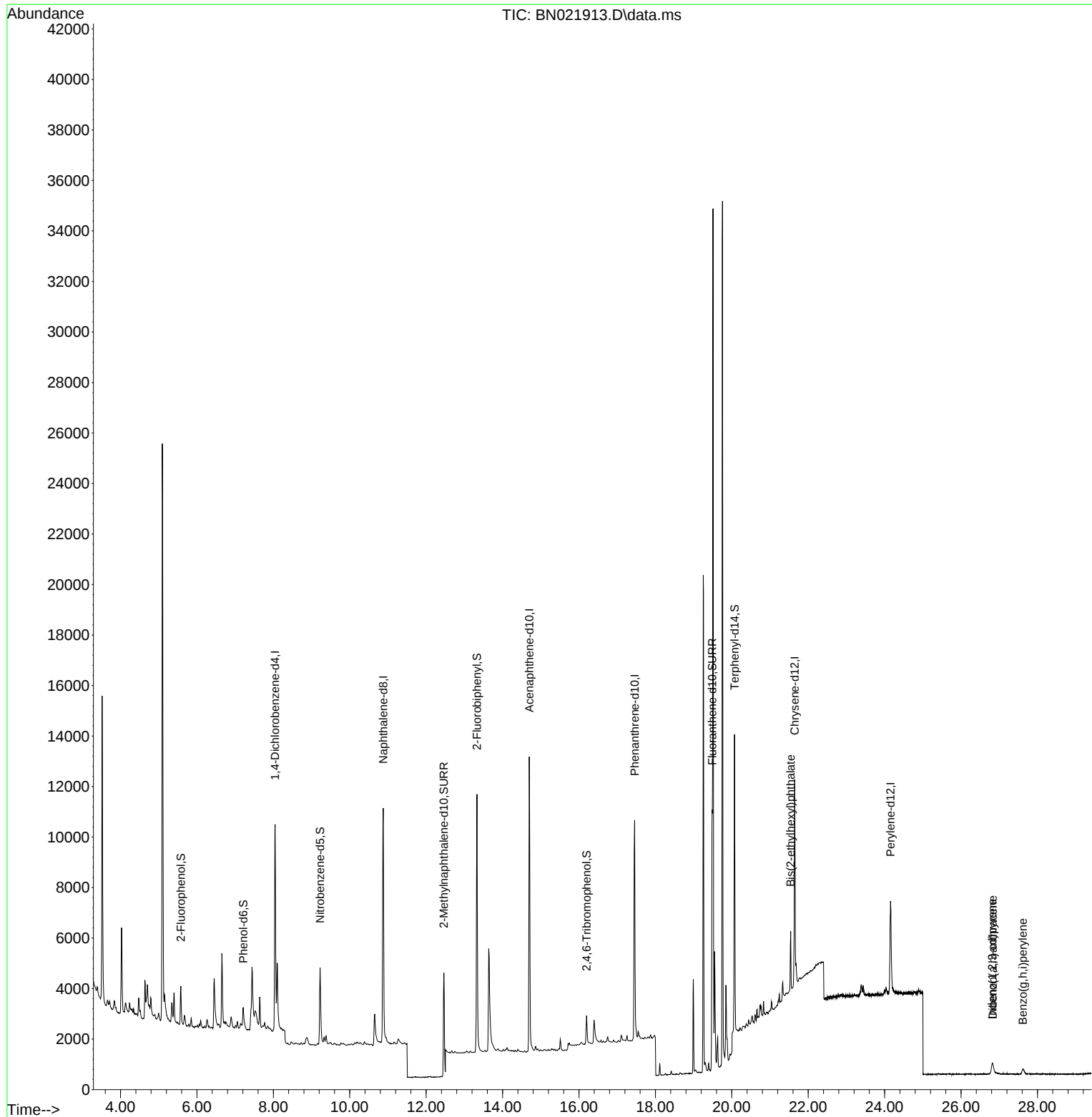
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092622\
Data File : BN021913.D
Acq On : 26 Sep 2022 11:44
Operator : CG/JU
Sample : N4688-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

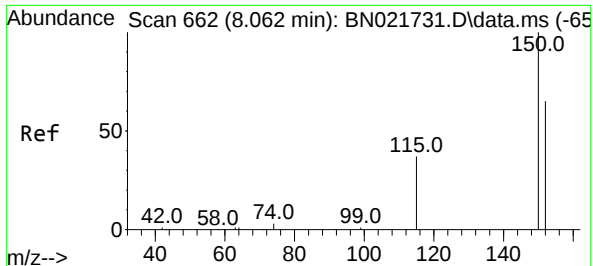
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440

Quant Time: Sep 26 17:36:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

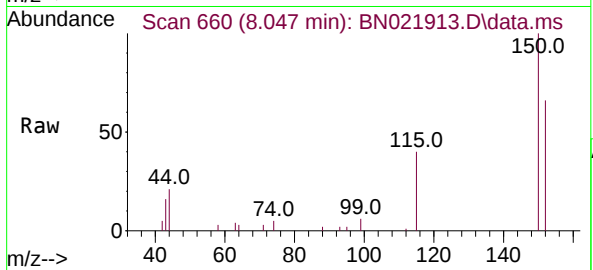
Reviewed By : Christian Giraldo 09/27/2022
Supervised By : Jagrut Upadhyay 09/27/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.047 min Scan# 662
Delta R.T. -0.015 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

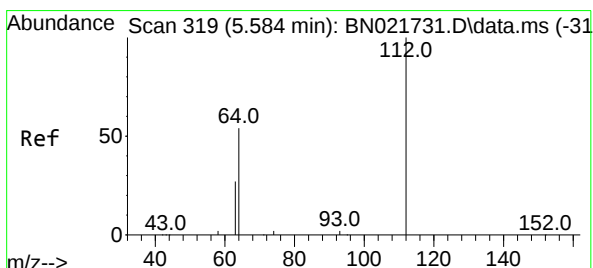
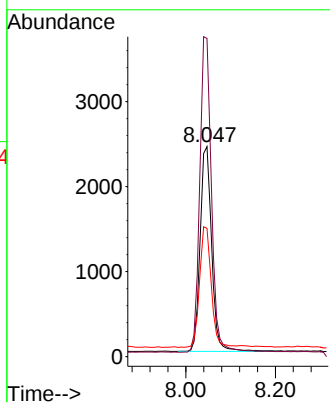
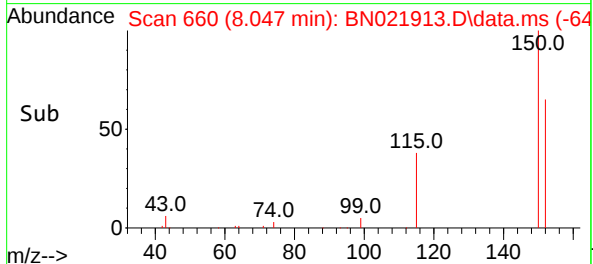
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440



Tgt Ion:152 Resp: 4310
Ion Ratio Lower Upper
152 100
150 151.5 121.8 182.8
115 61.1 48.3 72.5

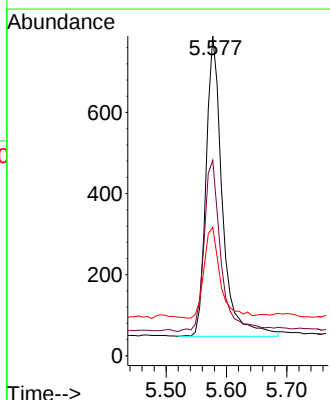
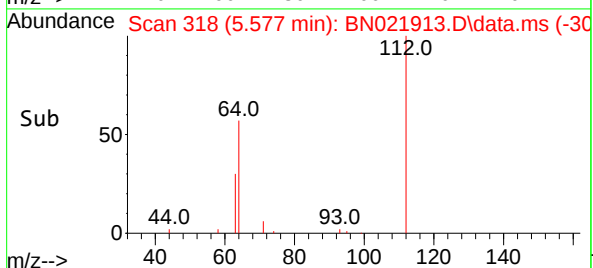
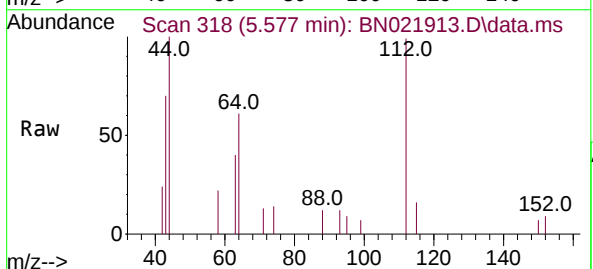
Manual Integrations
APPROVED

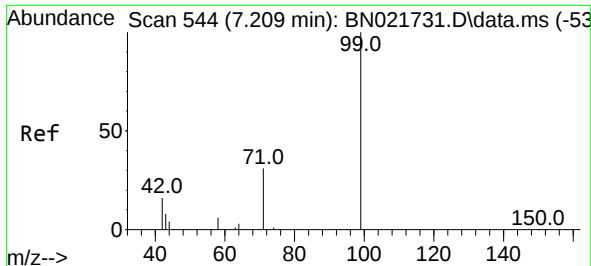
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.577 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

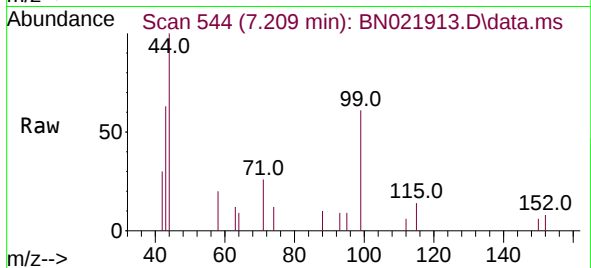
Tgt Ion:112 Resp: 1388
Ion Ratio Lower Upper
112 100
64 59.2 45.4 68.2
63 30.3 23.3 34.9





#5
Phenol-d6
Concen: 0.072 ng
RT: 7.209 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

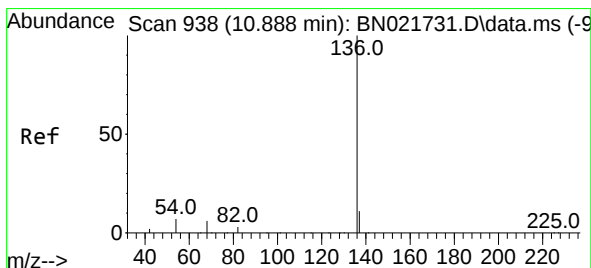
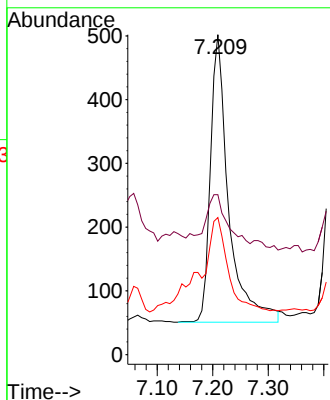
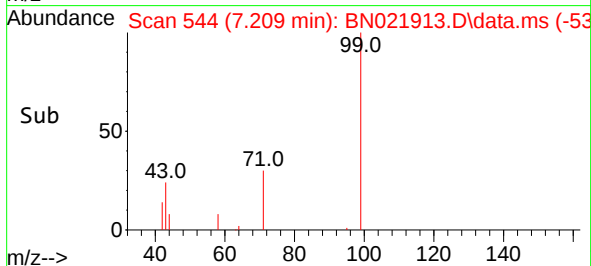
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440



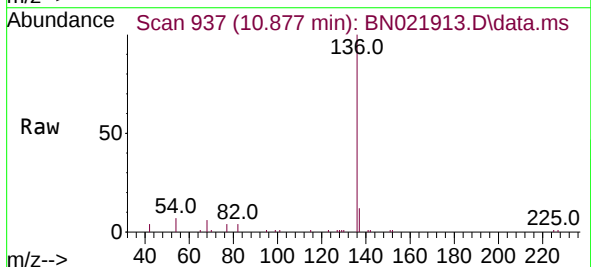
Tgt Ion: 99 Resp: 1027
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 48.7 25.3 37.9

Manual Integrations
APPROVED

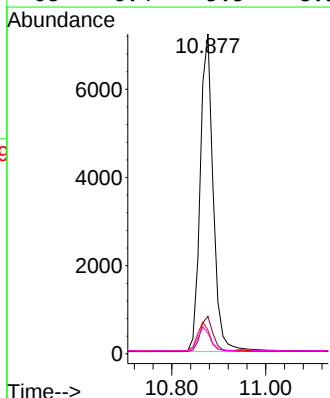
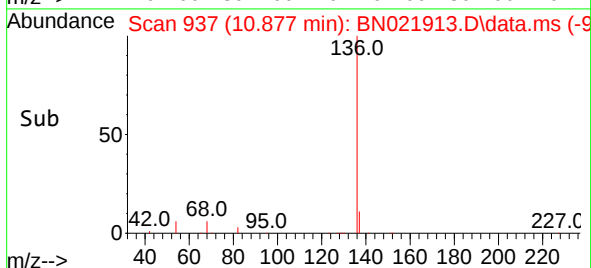
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

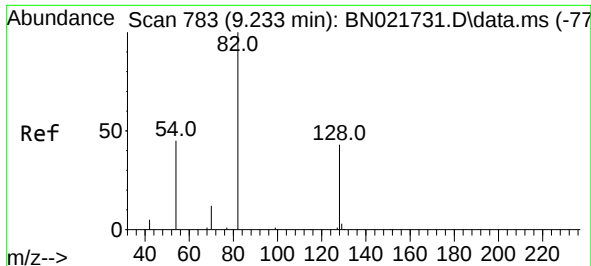


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.877 min Scan# 937
Delta R.T. -0.011 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44



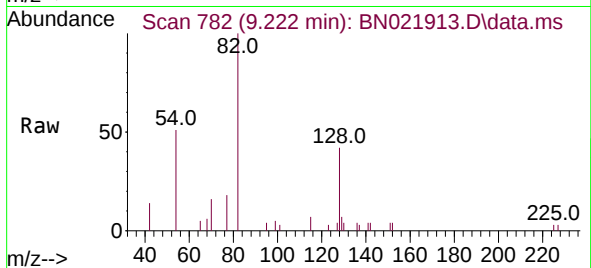
Tgt Ion:136 Resp: 13861
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 7.4 6.4 9.6
68 6.4 5.5 8.3





#8
Nitrobenzene-d5
Concen: 0.273 ng m
RT: 9.222 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

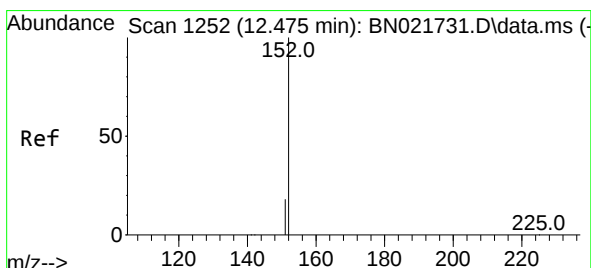
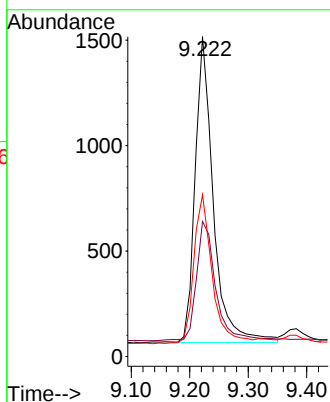
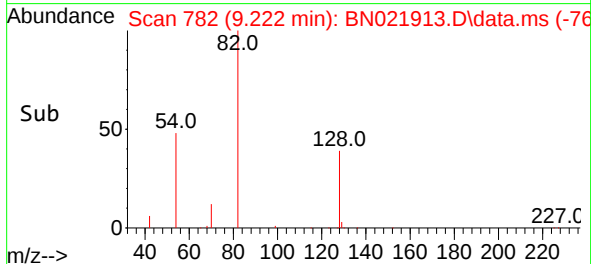
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440



Tgt Ion: 82 Resp: 3126
Ion Ratio Lower Upper
82 100
128 42.2 35.6 53.4
54 50.6 37.8 56.8

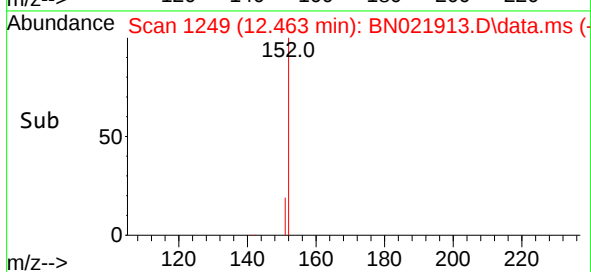
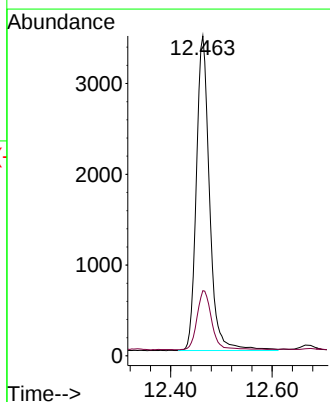
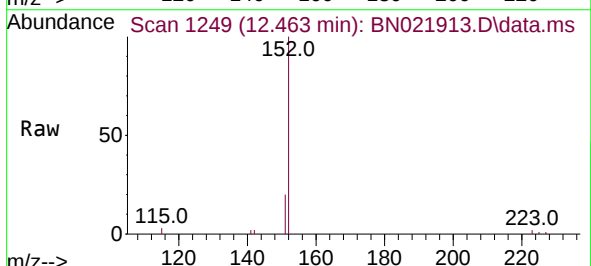
Manual Integrations
APPROVED

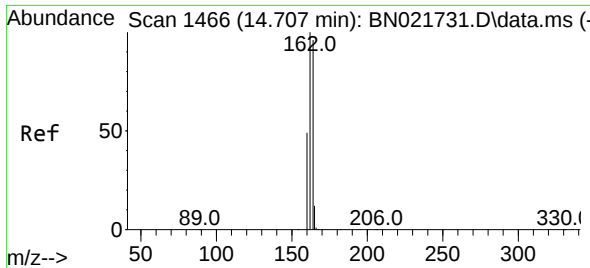
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 12.463 min Scan# 1249
Delta R.T. -0.011 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

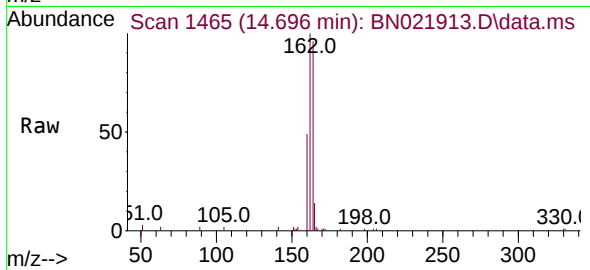
Tgt Ion:152 Resp: 9414
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.696 min Scan# 1465
Delta R.T. -0.011 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

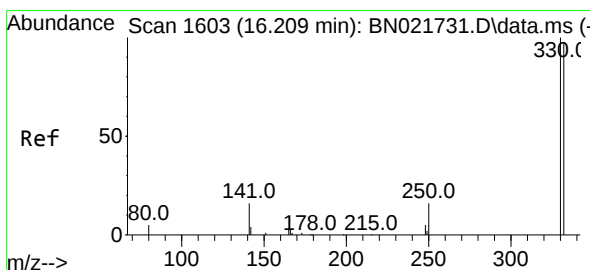
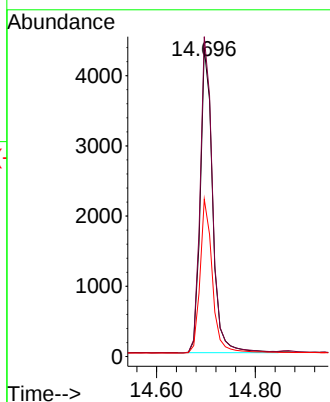
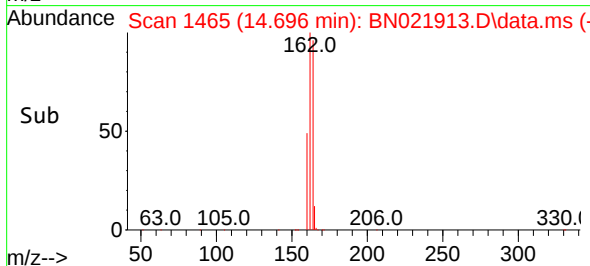
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440



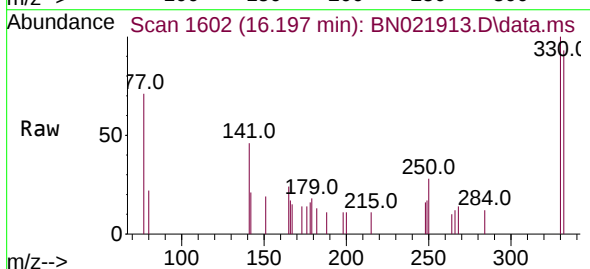
Tgt Ion:164 Resp: 753
Ion Ratio Lower Upper
164 100
162 103.8 83.2 124.8
160 51.0 40.9 61.3

Manual Integrations
APPROVED

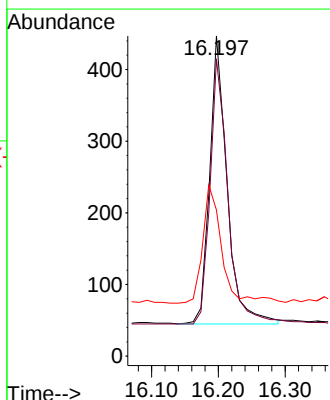
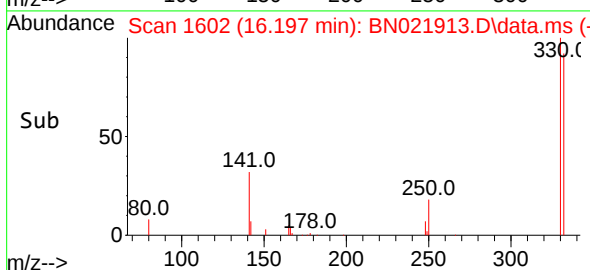
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

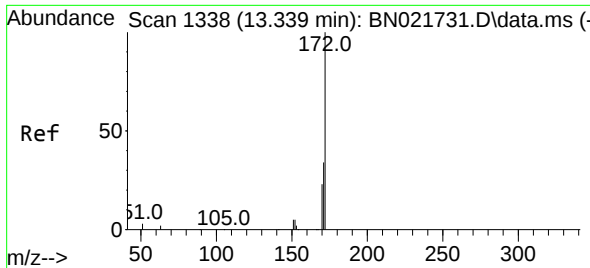


#14
2,4,6-Tribromophenol
Concen: 0.212 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44



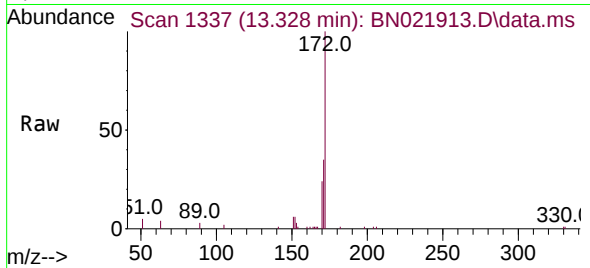
Tgt Ion:330 Resp: 731
Ion Ratio Lower Upper
330 100
332 94.1 76.8 115.2
141 44.5 37.2 55.8





#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 13.328 min Scan# 1337
Delta R.T. -0.011 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

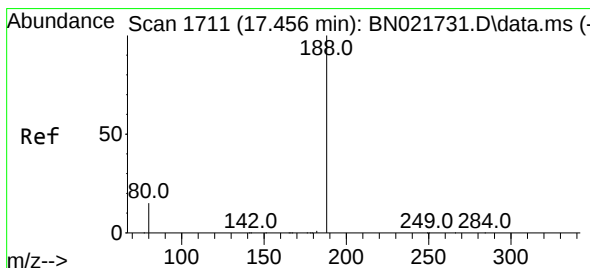
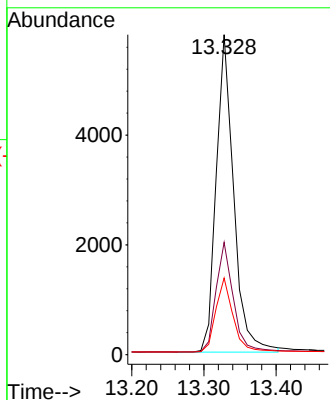
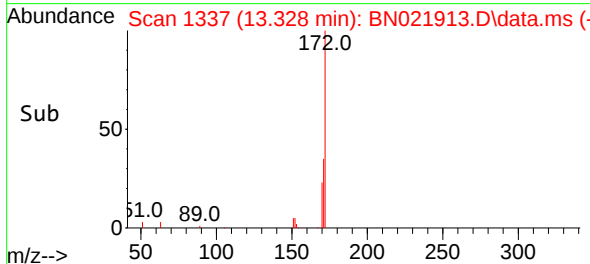
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440



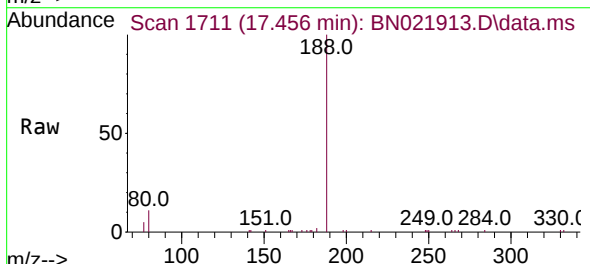
Tgt Ion:172 Resp: 9765
Ion Ratio Lower Upper
172 100
171 35.1 27.7 41.5
170 23.9 18.8 28.2

Manual Integrations
APPROVED

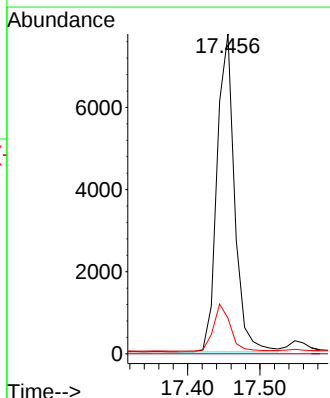
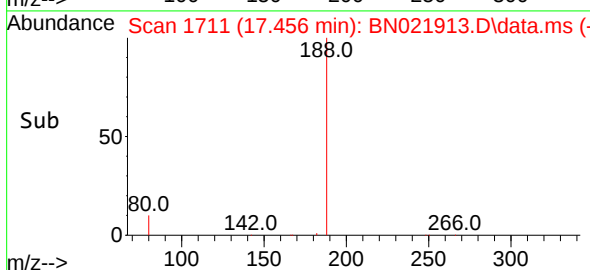
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

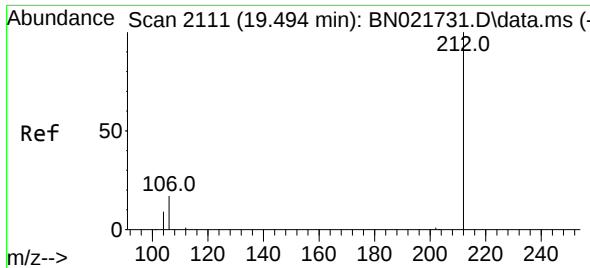


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44



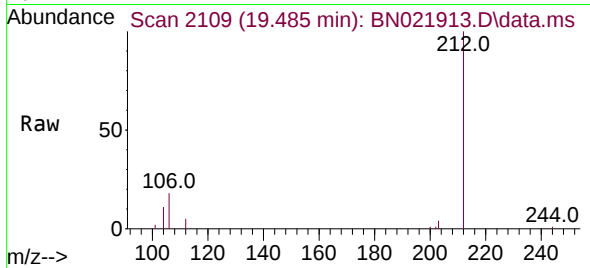
Tgt Ion:188 Resp: 13075
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 12.6 19.0#





#27
Fluoranthene-d10
Concen: 0.328 ng
RT: 19.485 min Scan# 2111
Delta R.T. -0.009 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

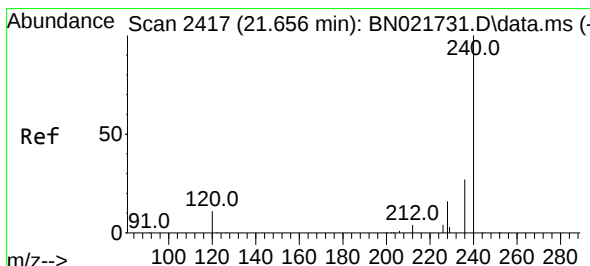
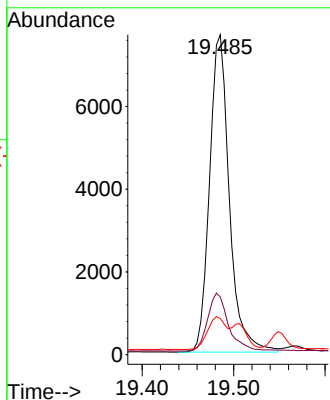
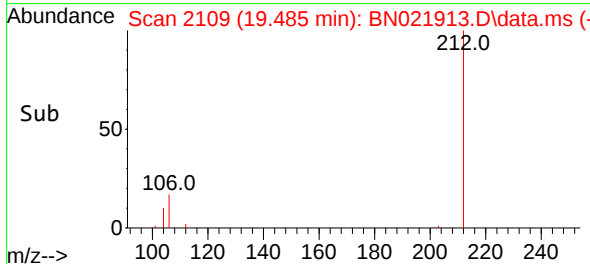
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440



Tgt Ion:212 Resp: 11549
Ion Ratio Lower Upper
212 100
106 19.6 14.3 21.5
104 9.6 8.0 12.0

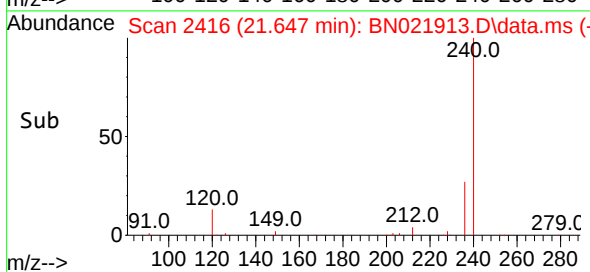
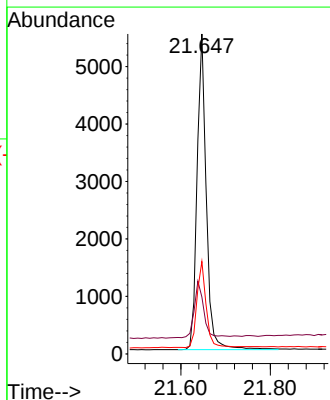
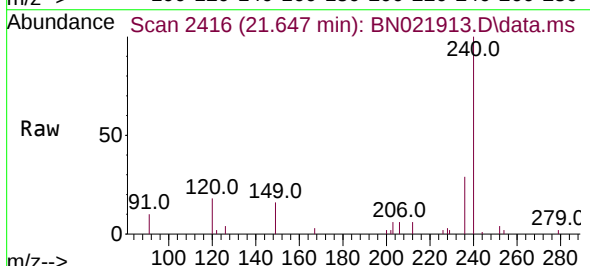
Manual Integrations
APPROVED

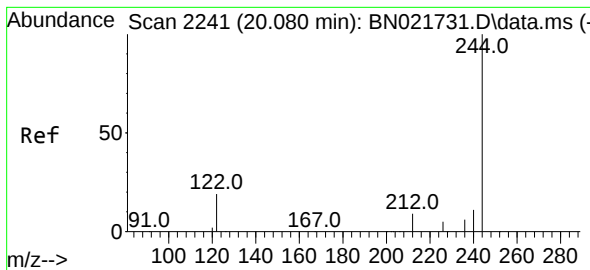
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

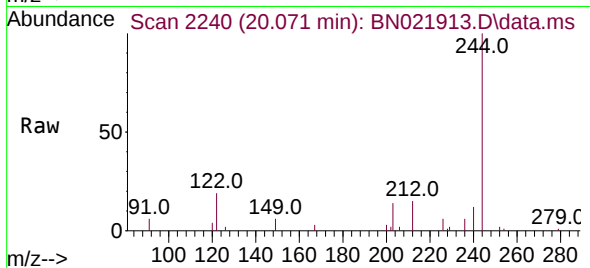
Tgt Ion:240 Resp: 7893
Ion Ratio Lower Upper
240 100
120 17.8 9.8 14.8#
236 28.9 22.2 33.4





#31
 Terphenyl-d14
 Concen: 0.475 ng
 RT: 20.071 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021913.D
 Acq: 26 Sep 2022 11:44

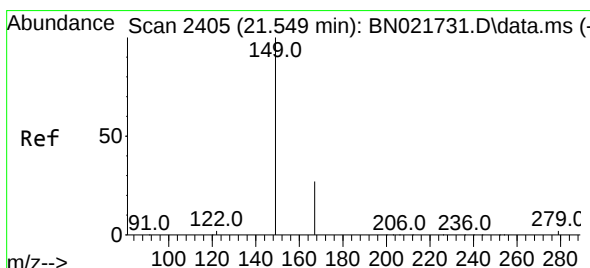
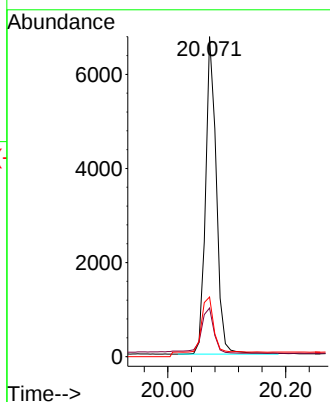
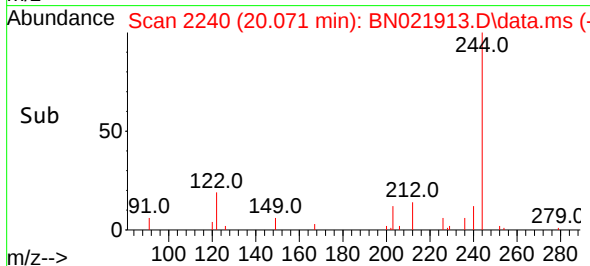
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-438-440



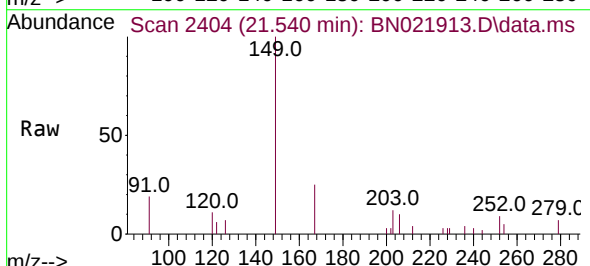
Tgt Ion:244 Resp: 857
 Ion Ratio Lower Upper
 244 100
 212 15.2 7.9 11.9
 122 18.6 15.8 23.8

Manual Integrations
 APPROVED

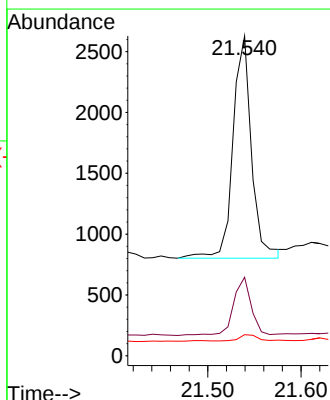
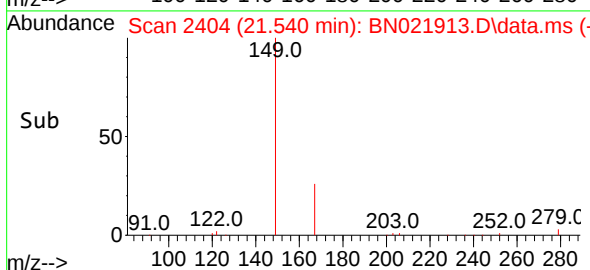
Reviewed By :Christian Giraldo 09/27/2022
 Supervised By :Jagrut Upadhyay 09/27/2022

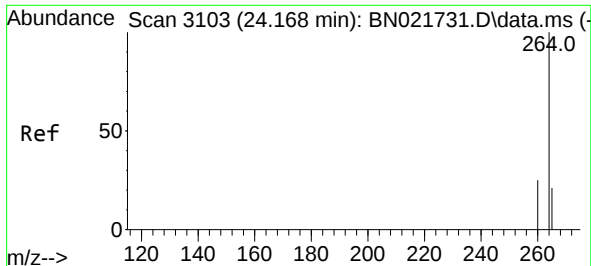


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.124 ng
 RT: 21.540 min Scan# 2404
 Delta R.T. -0.009 min
 Lab File: BN021913.D
 Acq: 26 Sep 2022 11:44



Tgt Ion:149 Resp: 2508
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.8 31.2
 279 3.0 2.1 3.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.154 min Scan# 3098

Delta R.T. -0.015 min

Lab File: BN021913.D

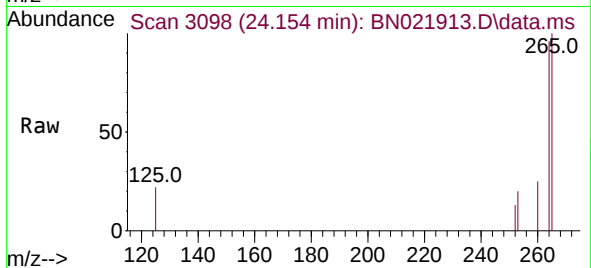
Acq: 26 Sep 2022 11:44

Instrument :

BNA_N

ClientSampleId :

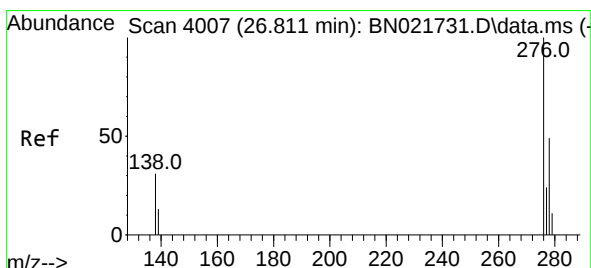
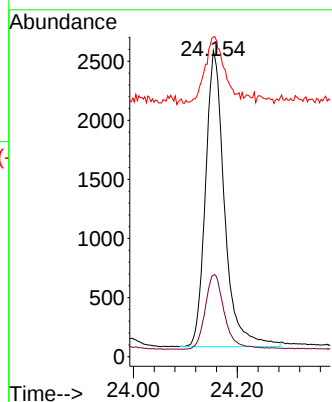
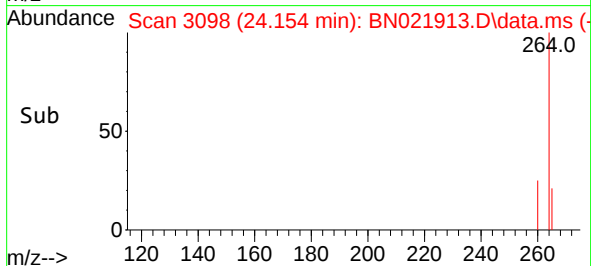
BP-VPB-RW5-GW-438-440



Tgt Ion:	264	Resp:	636
Ion Ratio	Lower	Upper	
264	100		
260	26.6	20.6	31.0
265	104.4	34.4	51.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.022 ng

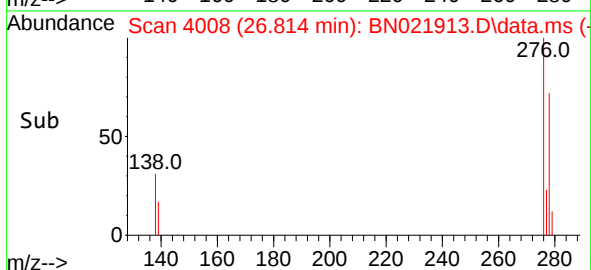
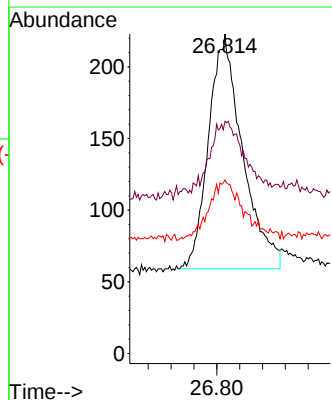
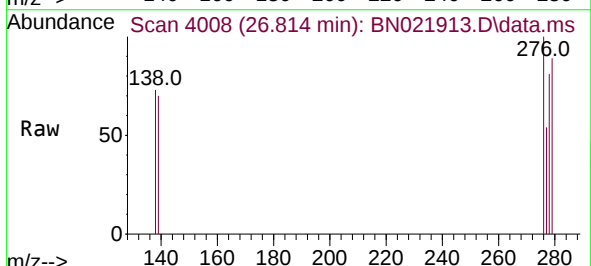
RT: 26.814 min Scan# 4008

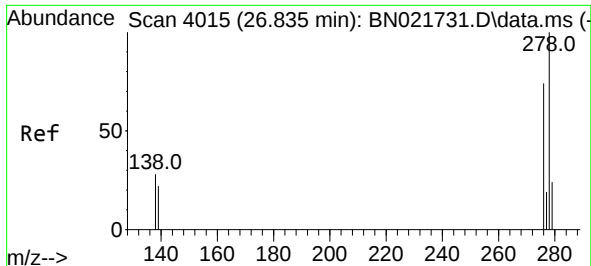
Delta R.T. 0.003 min

Lab File: BN021913.D

Acq: 26 Sep 2022 11:44

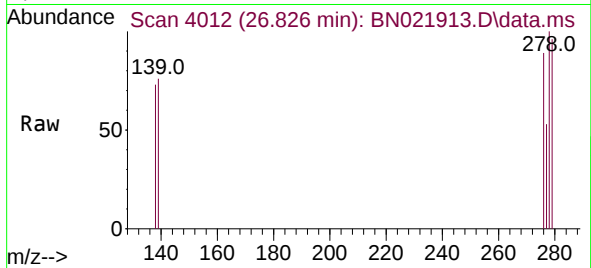
Tgt Ion:	276	Resp:	677
Ion Ratio	Lower	Upper	
276	100		
138	30.3	27.4	41.0
277	18.2	19.8	29.6





#40
Dibenzo(a,h)anthracene
Concen: 0.024 ng
RT: 26.826 min Scan# 4015
Delta R.T. -0.009 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

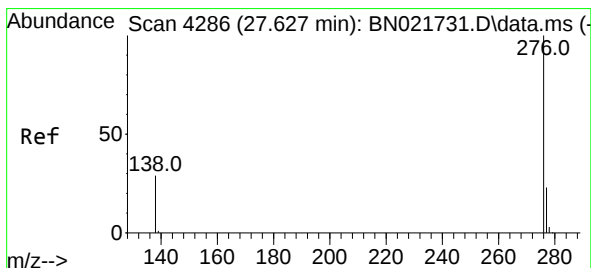
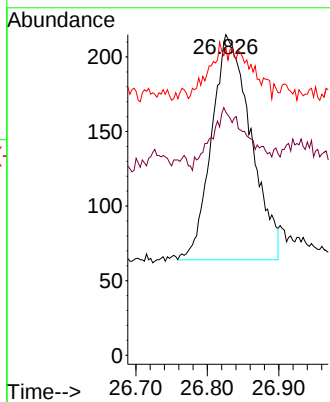
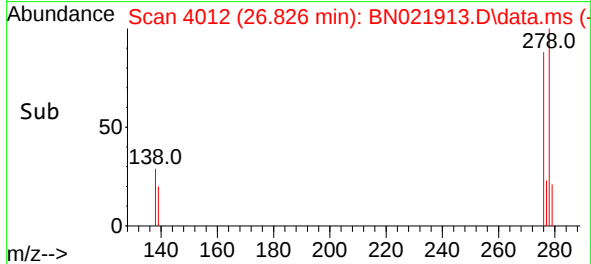
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440



Tgt Ion:278 Resp: 577
Ion Ratio Lower Upper
278 100
139 75.8 19.2 28.8#
279 95.8 20.5 30.7#

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#41
Benzo(g,h,i)perylene
Concen: 0.023 ng
RT: 27.618 min Scan# 4283
Delta R.T. -0.009 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

Tgt Ion:276 Resp: 567
Ion Ratio Lower Upper
276 100
277 58.8 19.2 28.8#
138 73.2 24.2 36.2#

